

**Monitoring Report**

**CC Docket No. 87-339**

**January 1991**

**Prepared by the Staff of the**

**Federal-State Joint Board**

**In CC Docket No. 80-286**

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Introduction and Summary

This is the eleventh report of a series of reports being issued over a five-year period that is intended to help telecommunications policymakers and the general public monitor the impact of decisions adopted by the Federal Communications Commission (Commission) during 1987. In these decisions, the Commission adopted the recommendations of the Federal-State Joint Board in CC Docket No. 80-286 to increase subscriber line charges, expand the federal lifeline assistance program, retarget the formula for high cost assistance, and modify the common line pooling system. In an Order released on June 30, 1989, the Commission reduced the frequency of the reports from quarterly to semi-annually, and changed the release dates to January and July.<sup>1</sup> The reports will continue through July 1992.

In an Order released on August 26, 1987, the Commission acted upon the recommendations of the Joint Board in CC Docket No. 80-286 and established a program to monitor the impact of the decisions noted above. This report presents currently available data in each of the seven subject categories selected for monitoring, which are: (1) subscribership and penetration levels; (2) lifeline assistance plans, including both the subscriber line charge waiver and Link-Up programs; (3) costs and high cost assistance; (4) network usage and growth; (5) rates and revenues; (6) bypass; and (7) pooling and rate deaveraging. In an Order released in March 1990, the Common Carrier Bureau concluded that no further reports were necessary in what was formerly the eighth section of the monitoring reports, jurisdictional shifts in revenue requirements.<sup>2</sup> Therefore, that section has been deleted from this and future reports.

Since our July 1990 monitoring report, new information in each of the seven categories we are monitoring has become available and is incorporated in this report. We do not repeat here much of the material that was contained in our previous report. Section 1 includes new subscribership information for July 1990. Section 2 includes updated

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1 Establishment of a Program to Monitor the Impact of Joint Board Decisions, CC Docket No. 87-339, Order, 4 FCC Rcd 5480 (1989).

2 That section was the result of a decision in CC Docket No. 86-297 to simplify jurisdictional separations rules and conform those rules to the recently revised Uniform System of Accounts.

information on the lifeline and Link-Up America programs, including new information supplied by the National Exchange Carrier Association (NECA). Section 3 includes last September's universal service fund filing, showing changes from the previous year. Section 4 includes revised usage data by company and annual percentage changes. Section 5 includes Consumer Price Index (CPI) and Producer Price Index (PPI) data through December 1990, and other updated rate information. Section 6 includes new information on urban fiber optic systems. Section 7 includes updated estimates of the effects of depooling.

We emphasize that our monitoring efforts are being conducted in the context of an open docket (CC Docket No. 87-339) which allows materials, comments, and studies to be submitted at any time. Comments that have been received since the last report are summarized in each section of the report, insofar as they relate to that section.

The Monitoring Report has not revealed to date any harmful effects of the Commission decisions on the variables we have chosen to evaluate. However, this report has proven to be valuable in more ways than merely reporting the effects of regulatory changes. The Monitoring Report brings together in one place a wealth of information on our national telecommunications system, including valuable breakdowns by state and by company.

The Joint Board staff proposed on November 15, 1990, to the Joint Board, that the Monitoring Report continue to be published in a modified form for an additional five years beyond the end of the current monitoring program in 1992. The Joint Board approved at that time a staff request to draft a notice to seek comment on the extension of the monitoring program. The staff proposal includes the elimination of the sections on bypass and jurisdictional shifts, the expansion of the section on rates and revenues (possibly dividing it into two sections), the modification of some of the information requested in other sections, and the addition of a new section on infrastructure and new services that will monitor the deployment of new and experimental services and technologies.

The deadline for submission of information for each future monitoring report is the first day of the month preceding the one in which the report is released. Despite this deadline, the staff intends to report all filings made in the docket at the earliest possible time. While materials filed after the formal cutoff date will continue to be included whenever possible, filings received after the deadline will usually appear in the next report. For ease of public reference, we ask that parties submitting materials for the docket provide a duplicate copy to the Public Reference Room of the Common Carrier Bureau's Industry Analysis Division,<sup>3</sup>

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3 1919 M Street, N.W., Room 537, FCC, Washington, DC 20554.

where copies of all materials filed in the docket are available for public reference.

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## 1. Subscribership and Penetration Levels

The number and percentage of households that have telephone service represent the most basic measures of the extent of universal service. Continuing analysis of telephone penetration statistics allows us to examine the aggregate effects of Commission actions on households' decisions to maintain, acquire or drop telephone service. This section presents comprehensive data on telephone penetration statistics collected by the Bureau of the Census under contract with the Federal Communications Commission. Along with telephone penetration statistics for the United States and each of the states from November 1983 to November 1990, data are provided on penetration based on various demographic characteristics.

The most widely used measure of telephone availability is the percentage of households with telephone service -- sometimes called a measure of telephone "penetration". This statistic, however, can be subject to large measurement errors. Prior to the 1980s, precise measurements of telephone subscribership received little attention. Traditionally, telephone penetration was measured by dividing the number of residential telephone lines by the number of households. With some households adding second telephone lines and with an increasing number of second homes, measures of penetration based on the number of residential lines became subject to a large margin of error. By 1980, the traditional penetration measure (residential lines divided by the number of households) reached 96% while the number of households reporting that they had telephones in the 1980 census was slightly less than 93%.

Recognizing the need for precise periodic measurements of subscribership, the FCC requested that the Bureau of the Census include questions on telephones as part of its Current Population Survey (CPS), which monitors demographic trends between the decennial censuses. This survey is a staggered panel survey in which the people residing at particular addresses are included for four consecutive months in one year and the same four months in the following year. Use of the Current Population Survey has several advantages -- it is conducted every month by an independent and expert agency, the sample is large and the questions are consistent. Thus, changes in the results can be compared over time with a great deal of confidence. Unfortunately, the results of the CPS cannot be directly compared with the penetration figures contained in the 1980 decennial census. This is because differences in the sampling methodologies exist and because of differences in the context in which the questions were asked.

The specific questions asked in the CPS are: "Is there a telephone in this house/apartment?" and, if the answer to the first question is "no", "Is there a telephone elsewhere on which people in this household can be called?" Although the survey is conducted every month, not all questions are asked every month. The telephone questions are asked once every four

months, in the month that a household is first included in the sample and in the month that the household reenters the sample a year later. Since the sample is staggered, the information that is reported for any given month actually reflects responses over the preceding four months. Aggregated summaries of the responses are reported to the FCC, based on the surveys conducted through March, July, and November of each year. These reports are generally released approximately two months after the final month of each four month survey period.

The Census Bureau data are based on a nationwide sample of about 58,000 households. Because a sample is used, the estimates are subject to sampling error. For the nationwide totals, changes in telephone penetration between consecutive reports of less than or equal to 0.5% are likely to be due to sampling error and cannot be regarded as statistically significant. As explained below, when comparing the same month in two consecutive years; changes of less than or equal to 0.4% are not statistically significant. When comparing annual averages, changes of less than 0.3% are not statistically significant. The annual averages are the average of the 3 surveys of the year in question. For individual states or other subgroups of the U.S. population, the amount of sampling variability is much greater.

The data in this section are not seasonally adjusted. Seasonal analysis of the data indicates that, for the nation as a whole, there is no significant seasonal variation in the "telephone available" statistics. There is, however, a small but significant seasonal pattern in the "telephone in unit" statistics. This pattern, after allowing for the effects of the upward trend in the data, is an increase of 0.3% from November to March, followed by a decrease of 0.1% from March to July, followed by a decrease of 0.2% from July to November.

Census Bureau figures for November 1990, the most recent data available, show that the percentage of households subscribing to telephone service is 93.3%, which is up 0.3% from November 1989. As a result of an increasing percentage of subscribership and an increasing number of households, 1.1 million households were added to the nation's telephone system between November 1989 and November 1990. The estimated penetration rate for November is unchanged from the July 1990 level. The average penetration rate for 1990 is up 0.2% from the average for 1989. The changes in the penetration rate are not statistically significant.

This section includes figures showing subscribership percentages by state, by householder's age and race, by household size, by family income, and for individual adults by labor force status. The data for individual adults show that 94.2% of those adults in the civilian noninstitutionalized population (CNP) have a telephone in their household. This figure is up 0.2% from the November 1989 level, and up 0.1% from the July 1990 level. The average penetration rate for 1990 is up 0.1% from the average for 1989. These changes are also not statistically significant.

This section contains eleven tables and two charts presenting penetration statistics broken out for various geographic and demographic characteristics.

Table 1.1 summarizes the telephone penetration for the United States, combining information on the number of households with the penetration rates.

Table 1.2 shows the Current Population Survey responses for the United States and for each state for every four months beginning with November 1983. Because the Current Population Survey began collecting this data only in 1983, comparable values are not available prior to November 1983. For each of the surveys, the column headed "Unit" indicates the percentage of households for which the response to the first question was "yes". The column headed "Avail." indicates the percentage of households which responded "yes" to either the first or the second question.

Chart 1.1 depicts the nationwide penetration rates for households graphically over time, with the values taken from the top line of Table 1.2.

Table 1.3 shows the nationwide penetration rates for households by the size of the household and the race of the householder. It shows that penetration is highest for households of 2 to 5 people.

Table 1.4 shows the nationwide penetration rates for households by family income and the race of the householder. It shows a strong relationship between income and penetration.

Table 1.5 shows the nationwide penetration rates for households by the age and race of the householder. It shows that the penetration rate is lowest for young and non-white households.

Table 1.6 shows the nationwide penetration rates for all persons at least 16 years old in the civilian noninstitutionalized population by their race and employment status. Since this table is for individual adults rather than households, the total penetration rates are different from those in the previous tables. It shows that penetration is lowest among the unemployed.

Chart 1.2 depicts the nationwide penetration rates for individual adults graphically over time, with the values taken from the totals in Table 1.6.

Tables 1.7 through 1.11 present the critical values at the 95% confidence level for testing the statistical significance of changes over time in the earlier tables. These critical values are relevant because changes less than or equal to the values shown are likely to be due to sampling error and thus cannot be regarded as demonstrating that a change in telephone penetration has occurred. In some cases these critical values

are very large because the sample sizes are very small for these subcategories, rendering the estimated penetration rates unreliable. Because there is an overlap of half of the sample from year to year, but no overlap in the sample between surveys that are four months apart, annual changes are less subject to variations in sampling error. Consequently the critical values should be multiplied by 0.8 when making a comparison for the same month in two consecutive years. When comparing the annual averages, the critical values should be multiplied by 0.5774, since these averages are based on three surveys and hence have a lower standard error.

TABLE 1.1

## Telephone Penetration in the U.S.

<u>Date</u>	<u>Households</u> (millions)	<u>Households</u> with <u>Telephones</u> (millions)	<u>Percentage</u> with <u>Telephones</u>	<u>Households</u> without <u>Telephones</u> (millions)	<u>Percentage</u> without <u>Telephones</u>
November 1983	85.8	78.4	91.4%	7.4	8.6%
March 1984	86.0	78.9	91.8	7.1	8.2
July 1984	86.6	79.3	91.6	7.3	8.4
November 1984	87.4	79.9	91.4	7.5	8.6
March 1985	87.4	80.2	91.8	7.2	8.2
July 1985	88.2	81.0	91.8	7.2	8.2
November 1985	88.8	81.6	91.9	7.2	8.1
March 1986	89.0	82.1	92.2	6.9	7.8
July 1986	89.5	82.5	92.2	7.0	7.8
November 1986	89.9	83.1	92.4	6.8	7.6
March 1987	90.2	83.4	92.5	6.8	7.5
July 1987	90.7	83.7	92.3	7.0	7.7
November 1987	91.3	84.3	92.3	7.0	7.7
March 1988	91.8	85.3	92.9	6.5	7.1
July 1988	92.4	85.7	92.8	6.7	7.2
November 1988	92.6	85.7	92.5	6.9	7.5
March 1989	93.6	87.0	93.0	6.6	7.0
July 1989	93.8	87.5	93.3	6.3	6.7
November 1989	93.9	87.3	93.0	6.6	7.0
March 1990	94.2	87.9	93.3	6.3	6.7
July 1990	94.8	88.4	93.3	6.4	6.7
November 1990	94.7	88.4	93.3	6.3	6.7

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1983		1984					
	NOVEMBER		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	91.4	93.7	91.8	93.6	91.6	93.8	91.4	93.6
ALABAMA	87.9	90.2	88.9	90.4	90.3	91.8	86.1	89.3
ALASKA	83.8	88.8	85.8	88.7	87.6	90.0	86.1	88.4
ARIZONA	88.8	90.7	89.6	90.6	84.2	86.8	87.0	90.7
ARKANSAS	88.2	91.4	87.1	90.1	87.8	92.6	84.8	89.2
CALIFORNIA	91.7	93.5	92.8	93.8	92.2	93.8	92.4	93.8
COLORADO	94.4	96.5	94.7	96.4	91.9	94.4	93.2	95.2
CONNECTICUT	95.5	98.4	94.5	96.2	96.0	97.6	96.0	97.2
DELAWARE	95.0	96.6	95.4	96.3	93.7	95.1	93.7	95.8
DIST OF COL	94.7	95.6	96.1	97.5	93.5	95.4	95.1	96.0
FLORIDA	85.5	89.9	89.9	92.4	89.6	91.4	86.6	90.1
GEORGIA	88.9	92.1	85.8	88.2	86.8	90.5	86.0	88.7
HAWAII	94.6	96.4	93.6	94.2	95.1	96.3	91.9	94.3
IDAHO	89.5	92.2	90.4	91.8	91.0	91.8	90.8	91.4
ILLINOIS	95.0	95.9	95.7	96.8	93.6	95.0	93.2	95.5
INDIANA	90.3	93.5	91.8	93.2	91.2	93.3	91.7	94.4
IOWA	95.4	97.2	95.7	96.2	97.5	98.7	95.4	97.2
KANSAS	94.9	96.7	94.4	95.4	95.1	96.4	93.5	95.6
KENTUCKY	86.9	90.9	87.1	90.6	88.3	91.2	89.1	91.1
LOUISIANA	88.9	93.3	89.8	92.2	88.7	93.1	90.5	92.7
MAINE	90.7	93.1	94.4	95.7	92.1	94.9	93.9	95.2
MARYLAND	96.3	96.7	96.1	96.9	94.9	95.7	96.1	96.8
MASSACHUSETTS	94.3	95.9	95.7	96.5	96.5	97.4	95.4	96.9
MICHIGAN	93.8	94.9	93.1	95.0	93.0	94.5	92.4	94.0
MINNESOTA	96.4	97.5	95.8	97.4	96.6	97.2	95.0	96.6
MISSISSIPPI	82.4	89.1	81.8	86.1	83.1	89.8	82.2	86.6
MISSOURI	92.1	94.1	92.1	94.0	91.3	93.2	91.0	93.9
MONTANA	92.8	94.5	90.2	93.9	91.6	94.5	91.1	93.8
NEBRASKA	94.0	95.3	96.4	97.2	94.8	95.8	95.9	97.3
NEVADA	89.4	91.9	93.0	95.6	88.2	89.8	89.8	93.0
NEW HAMPSHIRE	95.0	96.9	94.7	96.3	95.9	96.4	92.4	94.7
NEW JERSEY	94.1	95.1	93.5	95.0	96.0	96.9	94.8	96.3
NEW MEXICO	85.3	90.9	81.0	85.8	81.2	86.3	84.0	88.8
NEW YORK	90.8	92.2	91.2	92.5	92.3	94.5	91.8	93.6
N. CAROLINA	89.3	92.9	88.5	92.2	87.9	91.4	88.5	92.2
N. DAKOTA	95.1	97.3	94.1	96.3	95.2	97.7	94.6	96.3
OHIO	92.2	93.9	93.2	94.9	93.4	95.1	90.8	93.3
OKLAHOMA	91.5	93.7	91.1	92.5	89.4	92.3	90.3	92.6
OREGON	91.2	93.5	91.1	92.6	92.2	93.5	88.5	90.9
PENNSYLVANIA	95.1	97.1	94.4	96.0	95.1	96.4	95.1	97.2
RHODE ISLAND	93.3	94.6	94.2	95.1	92.7	93.9	93.9	95.0
S. CAROLINA	81.8	84.9	84.5	87.9	83.6	88.1	82.9	87.1
S. DAKOTA	92.7	95.0	92.8	94.3	92.8	95.2	94.0	95.2
TENNESSEE	87.6	92.6	87.0	90.3	88.3	92.0	90.1	93.8
TEXAS	89.0	92.6	88.2	91.7	87.6	91.0	89.4	92.3
UTAH	90.3	92.2	92.2	94.1	93.2	94.6	92.2	93.9
VERMONT	92.7	94.3	91.2	93.4	93.1	94.6	92.5	94.0
VIRGINIA	93.1	94.7	93.2	95.1	93.0	95.6	92.9	94.6
WASHINGTON	92.5	93.7	92.7	94.3	93.6	95.2	92.7	93.6
W. VIRGINIA	88.1	91.1	87.2	93.5	86.5	90.0	89.4	92.1
WISCONSIN	94.8	96.1	95.9	96.3	93.5	96.0	96.3	97.4
WYOMING	89.7	93.3	89.2	92.3	88.4	91.2	92.1	95.0

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1984		1985					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	91.6	93.7	91.8	93.7	91.8	93.9	91.9	94.0
ALABAMA	88.4	90.5	88.4	90.3	89.1	90.9	89.9	91.8
ALASKA	86.5	89.0	89.4	91.7	86.4	88.0	85.7	88.7
ARIZONA	86.9	89.4	87.0	89.4	88.0	89.8	86.9	89.8
ARKANSAS	86.6	90.6	85.7	89.8	86.6	90.8	85.5	89.2
CALIFORNIA	92.5	93.8	93.0	94.1	92.7	94.1	93.0	94.1
COLORADO	93.2	95.4	96.2	97.7	93.7	95.9	93.1	95.0
CONNECTICUT	95.5	97.0	94.9	97.2	96.5	97.6	97.1	98.0
DELAWARE	94.3	95.7	96.6	97.4	94.4	96.1	93.4	95.2
DIST OF COL	94.9	96.3	91.6	93.5	93.6	94.9	95.6	97.4
FLORIDA	88.7	91.3	88.8	90.9	89.5	91.6	90.3	92.7
GEORGIA	86.2	89.1	89.0	91.1	88.4	90.2	85.4	88.0
HAWAII	93.5	94.9	93.3	95.1	92.7	95.8	93.1	94.2
IDAHO	90.7	91.7	91.7	93.3	91.1	92.7	92.6	93.5
ILLINOIS	94.2	95.8	94.4	95.6	93.4	95.3	93.3	95.2
INDIANA	91.6	93.6	91.7	94.8	92.8	95.0	92.4	94.3
IOWA	96.2	97.4	96.0	96.9	94.6	96.4	94.7	95.9
KANSAS	94.3	95.8	94.8	97.1	93.9	95.9	94.4	96.2
KENTUCKY	88.1	91.0	89.0	92.1	86.8	90.3	86.4	90.8
LOUISIANA	89.7	92.7	90.5	93.5	90.3	94.0	90.2	93.4
MAINE	93.4	95.3	94.2	95.3	93.8	95.2	94.2	96.2
MARYLAND	95.7	96.5	95.2	96.2	96.2	98.1	95.3	95.9
MASSACHUSETTS	95.9	96.9	95.6	96.7	95.0	95.9	94.8	96.5
MICHIGAN	92.8	94.5	92.6	94.1	93.5	94.7	92.6	93.7
MINNESOTA	95.8	97.1	97.1	98.2	96.8	97.4	95.3	96.7
MISSISSIPPI	82.4	87.5	81.6	87.0	80.1	88.7	81.0	87.0
MISSOURI	91.5	93.7	92.6	94.2	92.9	95.2	92.0	95.0
MONTANA	91.0	94.0	92.2	95.2	90.0	91.4	92.0	95.1
NEBRASKA	95.7	96.8	96.4	96.9	95.0	96.3	94.6	96.7
NEVADA	90.4	92.8	91.3	93.6	90.3	92.8	94.0	95.1
NEW HAMPSHIRE	94.3	95.8	93.4	94.4	93.0	94.2	93.4	95.4
NEW JERSEY	94.8	96.1	95.1	96.5	95.4	96.5	94.1	95.5
NEW MEXICO	82.0	87.0	85.0	88.0	85.1	88.8	82.1	87.8
NEW YORK	91.8	93.6	92.0	93.1	91.2	93.1	93.0	94.5
N. CAROLINA	88.3	91.9	89.8	92.2	89.2	92.7	89.2	92.2
N. DAKOTA	94.6	96.8	95.0	96.1	95.1	96.7	95.7	97.4
OHIO	92.4	94.4	91.7	94.7	93.3	95.1	91.7	93.8
OKLAHOMA	90.3	92.5	90.3	92.7	87.0	89.6	89.2	92.6
OREGON	90.6	92.3	89.2	91.0	91.0	93.2	90.6	92.0
PENNSYLVANIA	94.9	96.5	94.2	95.5	95.8	96.8	95.8	97.5
RHODE ISLAND	93.6	94.6	93.4	94.4	95.1	96.4	93.6	94.5
S. CAROLINA	83.7	87.7	87.2	90.6	85.6	90.5	87.6	90.4
S. DAKOTA	93.2	94.9	92.4	94.5	93.1	94.2	92.2	94.9
TENNESSEE	88.5	92.0	87.7	90.0	88.3	91.8	91.9	95.9
TEXAS	88.4	91.6	87.8	91.5	87.7	91.6	88.9	91.8
UTAH	92.5	94.2	95.3	95.7	93.3	95.1	93.2	94.5
VERMONT	92.3	94.0	90.6	91.8	93.0	94.4	95.1	96.2
VIRGINIA	93.1	95.1	92.8	94.5	90.4	92.3	92.0	94.5
WASHINGTON	93.0	94.4	92.7	94.4	96.1	97.5	95.3	96.6
W. VIRGINIA	87.7	91.8	88.1	91.4	88.7	92.8	86.1	90.8
WISCONSIN	95.2	96.6	93.8	95.7	94.4	95.5	94.1	95.0
WYOMING	89.9	92.8	91.7	94.2	92.7	93.8	95.7	96.7

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1985		1986					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	91.8	93.9	92.2	93.9	92.2	94.0	92.4	94.4
ALABAMA	89.1	91.0	89.1	90.6	89.5	91.3	87.5	89.4
ALASKA	87.1	89.5	88.4	91.0	83.5	86.1	87.3	89.6
ARIZONA	87.3	89.6	90.8	91.8	89.8	91.4	87.6	89.4
ARKANSAS	85.9	89.9	85.8	89.4	85.1	89.8	88.3	92.1
CALIFORNIA	92.9	94.1	93.3	94.1	92.3	93.2	93.4	94.8
COLORADO	94.3	96.2	95.0	97.1	93.2	94.8	94.2	96.0
CONNECTICUT	96.2	97.6	97.3	97.7	96.8	98.3	97.0	97.8
DELAWARE	94.8	96.2	95.2	97.0	93.5	95.4	95.3	96.5
DIST OF COL	93.6	95.2	91.9	93.3	93.6	94.8	91.1	93.9
FLORIDA	89.6	91.7	89.1	91.3	89.9	92.4	91.1	93.8
GEORGIA	87.6	89.7	88.2	91.4	89.1	91.4	88.0	90.2
HAWAII	93.0	95.0	94.3	96.0	92.8	94.0	89.6	93.2
IDAHO	91.8	93.1	92.1	93.6	89.8	91.8	92.7	93.7
ILLINOIS	93.7	95.3	93.4	94.7	94.4	95.5	93.2	95.5
INDIANA	92.3	94.7	92.9	94.7	91.4	93.8	92.4	94.5
IOWA	95.1	96.4	95.5	96.6	96.0	96.9	95.6	96.1
KANSAS	94.4	96.4	93.9	95.4	94.5	96.0	95.4	96.9
KENTUCKY	87.4	91.1	87.3	90.3	85.3	90.0	86.1	91.6
LOUISIANA	90.3	93.6	90.5	93.0	89.7	93.2	85.9	89.6
MAINE	94.0	95.6	92.8	95.5	93.0	94.8	94.3	95.9
MARYLAND	95.5	96.7	95.7	96.6	95.6	96.8	95.9	96.7
MASSACHUSETTS	95.2	96.3	96.3	97.2	96.5	97.1	96.4	97.1
MICHIGAN	92.9	94.2	93.7	94.5	93.3	94.7	93.4	94.4
MINNESOTA	96.4	97.4	95.6	97.0	96.4	96.9	96.7	97.9
MISSISSIPPI	80.9	87.6	81.9	87.5	76.9	86.6	81.6	87.8
MISSOURI	92.5	94.8	93.0	93.8	94.1	95.8	93.1	95.0
MONTANA	91.4	93.9	93.0	95.1	89.1	92.6	90.6	93.5
NEBRASKA	95.3	96.6	96.0	97.2	95.0	96.1	95.8	97.1
NEVADA	91.8	93.8	91.0	92.7	92.9	93.6	93.1	94.8
NEW HAMPSHIRE	93.2	94.6	93.9	95.0	93.4	94.0	94.6	96.1
NEW JERSEY	94.9	96.2	94.2	95.6	96.0	96.9	94.4	96.0
NEW MEXICO	84.1	88.2	86.0	89.4	85.2	88.9	84.2	89.1
NEW YORK	92.1	93.6	92.9	93.9	93.7	94.7	93.0	94.3
N. CAROLINA	89.4	92.4	90.0	92.1	90.6	93.0	90.1	92.5
N. DAKOTA	95.3	96.7	95.0	95.5	95.6	97.2	97.9	98.2
OHIO	92.2	94.5	93.6	95.1	92.7	94.0	92.8	94.1
OKLAHOMA	88.8	91.7	89.7	92.7	91.1	93.0	90.5	93.4
OREGON	90.3	92.1	92.6	94.6	92.6	94.5	92.9	93.6
PENNSYLVANIA	95.3	96.6	95.9	97.4	96.3	97.1	96.7	97.7
RHODE ISLAND	94.0	95.1	95.0	95.8	97.1	97.7	95.5	96.8
S. CAROLINA	86.8	90.5	88.8	91.6	83.8	88.8	86.3	91.4
S. DAKOTA	92.6	94.5	93.4	94.2	91.5	93.3	92.9	95.1
TENNESSEE	89.3	92.6	89.7	92.9	88.5	93.3	90.8	94.8
TEXAS	88.1	91.6	87.7	90.7	89.4	92.1	89.5	92.8
UTAH	93.9	95.1	93.8	94.5	91.8	93.0	93.3	94.3
VERMONT	92.9	94.1	93.7	94.9	93.4	95.2	94.4	96.5
VIRGINIA	91.7	93.8	92.0	93.7	91.3	93.7	92.9	94.9
WASHINGTON	94.7	96.2	92.2	94.6	96.6	97.7	95.2	96.4
W. VIRGINIA	87.6	91.7	90.7	93.7	87.4	91.6	86.5	90.3
WISCONSIN	94.1	95.4	94.6	95.1	95.4	95.8	95.4	96.7
WYOMING	93.4	94.9	90.5	93.7	92.4	94.8	93.3	96.8



PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1986		1987					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	92.3	94.1	92.5	94.3	92.3	94.2	92.3	94.3
ALABAMA	88.7	90.4	87.2	89.9	86.3	88.5	88.9	90.5
ALASKA	86.4	88.9	88.3	90.5	87.4	89.6	87.8	90.3
ARIZONA	89.4	90.9	89.1	91.8	88.6	90.4	88.2	89.8
ARKANSAS	86.4	90.4	87.0	90.4	85.8	90.4	86.0	91.3
CALIFORNIA	93.0	94.0	94.3	95.4	93.2	94.5	93.8	95.0
COLORADO	94.1	96.0	93.2	96.4	93.0	95.0	92.5	95.2
CONNECTICUT	97.0	97.9	97.9	97.9	96.7	98.2	96.4	97.9
DELAWARE	94.7	96.3	96.5	97.6	96.9	97.7	96.1	96.5
DIST OF COL	92.2	94.0	91.2	93.1	92.1	94.2	94.0	95.4
FLORIDA	90.0	92.5	91.2	93.1	92.3	94.5	91.7	93.9
GEORGIA	88.4	91.0	87.5	90.7	89.2	92.0	89.5	91.2
HAWAII	92.2	94.4	94.8	96.5	94.8	96.9	93.1	96.2
IDAHO	91.5	93.1	90.9	91.7	90.4	92.1	92.0	93.8
ILLINOIS	93.6	95.2	94.0	95.6	93.3	95.2	93.7	94.7
INDIANA	92.2	94.3	91.3	92.9	91.0	93.4	91.4	93.3
IOWA	95.7	96.5	95.5	96.7	94.9	96.4	94.8	96.0
KANSAS	94.6	96.1	95.5	96.6	95.2	96.4	94.9	96.8
KENTUCKY	86.2	90.6	87.4	90.9	85.0	89.9	87.2	91.0
LOUISIANA	88.7	91.9	86.9	90.6	89.5	91.6	86.1	90.3
MAINE	93.4	95.4	94.2	95.9	93.1	94.6	93.1	95.2
MARYLAND	95.7	96.7	96.2	96.5	94.2	96.1	96.0	97.3
MASSACHUSETTS	96.4	97.1	96.7	97.5	97.0	97.4	95.5	96.1
MICHIGAN	93.4	94.5	94.1	95.0	93.3	94.4	93.7	94.9
MINNESOTA	96.2	97.2	95.8	97.6	96.0	97.5	96.1	97.3
MISSISSIPPI	80.1	87.3	82.6	87.7	79.8	82.8	81.9	88.4
MISSOURI	93.4	94.9	91.5	94.3	93.5	95.6	94.0	95.9
MONTANA	90.9	93.7	91.4	94.2	89.3	92.1	91.9	95.2
NEBRASKA	95.6	96.8	95.0	96.4	95.1	95.7	93.8	96.0
NEVADA	92.4	93.7	92.1	92.6	92.5	94.3	92.5	94.2
NEW HAMPSHIRE	94.0	95.0	94.0	96.2	94.8	96.1	93.6	96.3
NEW JERSEY	94.9	96.1	94.3	95.5	95.6	96.6	95.2	96.9
NEW MEXICO	85.1	89.1	89.1	91.7	83.6	87.9	85.5	88.2
NEW YORK	93.2	94.3	93.3	94.2	92.5	94.1	92.5	94.1
N. CAROLINA	90.2	92.5	89.7	92.1	89.5	91.9	88.5	91.2
N. DAKOTA	96.1	97.0	97.8	98.2	96.1	96.8	96.4	97.1
OHIO	93.1	94.4	93.4	94.8	93.9	95.0	92.9	94.2
OKLAHOMA	90.4	93.0	88.5	91.9	89.1	92.5	88.6	91.1
OREGON	92.7	94.3	91.1	92.3	94.5	96.6	94.3	95.5
PENNSYLVANIA	96.3	97.4	96.0	97.0	97.0	97.8	96.1	97.2
RHODE ISLAND	95.9	96.8	95.1	96.6	95.0	95.8	95.6	96.6
S. CAROLINA	86.3	90.6	89.0	91.2	85.6	89.0	88.5	91.6
S. DAKOTA	92.6	94.2	92.2	95.1	93.3	94.9	92.8	95.1
TENNESSEE	89.6	93.6	89.3	92.3	89.1	91.6	89.2	93.9
TEXAS	88.9	91.9	90.4	92.4	89.5	92.3	88.6	91.8
UTAH	93.0	93.9	93.2	94.6	90.1	94.5	93.7	94.6
VERMONT	93.8	95.6	95.8	96.8	95.4	96.7	94.8	97.4
VIRGINIA	92.1	94.1	92.9	94.8	92.7	94.5	91.9	94.3
WASHINGTON	94.6	96.3	93.2	96.5	94.5	95.9	95.1	96.8
W. VIRGINIA	88.2	91.9	88.7	91.5	88.1	91.5	86.7	91.5
WISCONSIN	95.1	95.9	96.2	97.0	95.5	96.1	97.5	98.2
WYOMING	92.1	95.1	93.3	95.2	93.5	95.3	90.1	91.8

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1987		1988					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	92.4	94.2	92.9	94.6	92.8	94.6	92.5	94.4
ALABAMA	87.5	89.6	88.4	89.6	86.5	89.2	86.9	90.2
ALASKA	87.8	90.2	87.2	89.4	88.2	90.3	87.3	90.0
ARIZONA	88.6	90.7	90.5	92.5	91.2	91.9	90.2	92.4
ARKANSAS	86.3	90.7	83.6	87.7	87.5	92.1	87.3	90.9
CALIFORNIA	93.8	95.0	94.7	95.6	94.0	95.1	94.5	95.8
COLORADO	92.9	95.5	95.1	96.3	94.1	95.7	92.2	94.1
CONNECTICUT	97.0	98.0	96.5	99.0	97.6	98.4	94.8	99.3
DELAWARE	96.5	97.3	97.2	98.4	97.4	98.2	96.3	97.2
DIST OF COL	92.4	94.2	93.3	95.2	94.4	95.3	96.1	97.3
FLORIDA	91.7	93.8	93.0	94.7	92.8	94.8	92.2	94.1
GEORGIA	88.7	91.3	91.5	93.2	90.4	92.5	88.4	91.7
HAWAII	94.2	96.6	95.3	96.2	92.2	95.0	95.9	97.8
IDAHO	91.1	92.5	92.9	93.1	91.9	93.6	91.9	93.2
ILLINOIS	93.7	95.2	94.3	95.6	94.0	95.9	94.1	95.3
INDIANA	91.2	93.2	91.4	94.2	92.8	95.3	92.8	95.3
IOWA	95.1	96.3	94.5	96.2	96.6	97.8	95.1	96.6
KANSAS	95.2	96.6	95.3	95.9	94.0	96.2	93.9	95.0
KENTUCKY	86.5	90.6	89.5	92.2	86.8	90.1	86.3	90.3
LOUISIANA	87.5	90.8	86.8	90.1	87.8	91.9	87.3	91.4
MAINE	93.5	95.2	94.3	95.3	93.5	96.0	94.7	96.3
MARYLAND	95.4	96.6	96.4	97.4	96.0	96.9	95.4	97.2
MASSACHUSETTS	96.4	97.0	97.3	97.7	97.1	97.5	96.4	96.8
MICHIGAN	93.7	94.8	94.4	95.5	93.6	94.9	93.8	94.7
MINNESOTA	96.0	97.4	97.3	98.3	97.3	98.0	97.1	98.9
MISSISSIPPI	81.5	86.3	83.8	88.9	83.7	88.7	82.5	88.1
MISSOURI	93.0	95.3	93.0	95.5	95.5	96.4	92.0	94.8
MONTANA	90.9	93.9	91.4	93.2	91.5	94.0	92.3	95.3
NEBRASKA	94.6	96.1	96.4	96.9	95.3	96.0	94.6	95.5
NEVADA	92.4	93.7	91.8	92.8	92.6	93.7	93.0	93.9
NEW HAMPSHIRE	94.1	96.2	96.5	97.1	94.8	95.4	94.5	95.9
NEW JERSEY	95.0	96.3	94.3	96.0	94.8	96.3	94.1	95.3
NEW MEXICO	86.0	89.3	85.9	89.1	85.5	87.8	85.6	90.5
NEW YORK	92.7	94.2	93.0	94.4	91.6	93.5	92.5	94.1
N. CAROLINA	89.2	91.7	90.1	92.7	91.2	92.9	89.9	92.8
N. DAKOTA	96.8	97.4	96.7	97.9	95.8	96.4	97.9	98.1
OHIO	93.4	94.7	94.0	94.9	95.1	96.1	94.0	94.8
OKLAHOMA	88.7	91.8	89.6	92.0	87.4	90.0	89.6	92.8
OREGON	93.3	94.8	89.4	91.8	94.4	95.0	92.2	93.8
PENNSYLVANIA	96.4	97.3	96.1	97.2	96.8	97.5	95.7	96.6
RHODE ISLAND	95.2	96.3	95.4	96.7	94.4	95.5	96.5	97.3
S. CAROLINA	87.7	90.6	88.3	91.6	87.4	91.1	89.7	91.6
S. DAKOTA	92.8	95.0	92.2	95.0	92.9	95.8	93.7	95.4
TENNESSEE	89.2	92.6	91.7	94.7	90.4	93.1	88.8	92.8
TEXAS	89.5	92.2	87.8	90.6	89.1	92.2	88.5	91.0
UTAH	92.3	94.6	93.0	93.7	91.4	95.4	93.1	94.3
VERMONT	95.3	96.9	95.9	97.2	95.4	96.5	95.6	96.6
VIRGINIA	92.5	94.6	94.7	96.2	91.4	95.2	92.5	95.0
WASHINGTON	94.3	96.4	93.4	94.9	95.2	96.4	94.2	95.6
W. VIRGINIA	87.8	91.5	87.9	92.1	85.8	90.1	88.4	92.0
WISCONSIN	96.4	97.1	95.9	97.4	97.2	97.9	98.0	98.7
WYOMING	92.3	94.1	93.6	94.6	94.3	95.9	91.3	92.7

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1988		1989					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	92.7	94.5	93.0	94.7	93.3	95.0	93.0	94.9
ALABAMA	87.3	89.6	90.4	91.3	89.8	91.7	86.9	91.0
ALASKA	87.6	89.9	84.1	87.1	88.3	91.4	87.9	91.3
ARIZONA	90.6	92.3	90.5	92.0	91.9	93.2	92.4	94.4
ARKANSAS	86.1	90.2	84.0	89.0	89.5	92.7	88.9	91.4
CALIFORNIA	94.4	95.5	94.6	95.8	95.5	96.3	94.8	95.8
COLORADO	93.8	95.4	96.0	96.6	93.6	95.7	94.2	95.8
CONNECTICUT	96.3	98.9	97.4	98.0	98.4	98.6	98.6	98.9
DELAWARE	97.0	97.9	95.3	95.9	97.3	98.3	97.4	98.2
DIST OF COL	94.6	95.9	95.1	96.3	91.0	93.7	92.0	94.5
FLORIDA	92.7	94.5	91.7	93.2	93.1	95.2	93.8	95.1
GEORGIA	90.1	92.4	90.5	93.2	90.8	93.9	89.3	91.6
HAWAII	94.5	96.3	95.9	96.9	92.9	96.1	96.4	97.7
IDAHO	92.2	93.3	92.3	93.3	92.5	93.3	92.8	94.2
ILLINOIS	94.1	95.6	94.5	95.9	93.2	94.8	93.9	95.6
INDIANA	92.3	94.9	93.4	97.6	94.2	96.2	92.1	94.0
IOWA	95.4	96.9	97.1	98.0	95.4	97.3	96.5	97.1
KANSAS	94.4	95.7	94.6	96.4	94.2	96.2	94.4	95.0
KENTUCKY	87.5	90.9	89.5	93.1	89.0	92.8	88.3	92.3
LOUISIANA	87.3	91.1	90.5	92.5	88.3	91.8	86.9	89.7
MAINE	94.2	95.9	95.0	95.9	95.8	97.0	94.9	96.5
MARYLAND	95.9	97.2	96.0	97.6	94.4	96.3	94.5	96.0
MASSACHUSETTS	96.9	97.3	96.6	97.5	97.7	98.2	97.0	97.8
MICHIGAN	93.9	95.0	94.4	95.2	94.3	95.3	92.6	94.3
MINNESOTA	97.2	98.4	96.7	97.6	95.7	97.1	98.0	98.7
MISSISSIPPI	83.3	88.6	84.4	88.8	85.6	90.5	86.6	91.6
MISSOURI	93.5	95.6	90.9	93.7	91.2	93.3	90.9	93.2
MONTANA	91.7	94.2	92.6	94.6	90.1	94.5	92.3	93.9
NEBRASKA	95.4	96.1	96.1	97.4	96.1	97.2	93.4	94.3
NEVADA	92.4	93.4	91.5	91.8	93.1	94.2	93.5	94.0
NEW HAMPSHIRE	95.2	96.1	95.9	96.5	96.4	98.2	94.0	96.8
NEW JERSEY	94.4	95.9	94.9	95.8	94.5	96.1	95.1	96.3
NEW MEXICO	85.7	89.1	86.9	90.5	85.5	87.9	85.0	90.3
NEW YORK	92.4	94.0	93.1	94.6	92.1	94.0	91.8	93.5
N. CAROLINA	90.4	92.8	92.0	94.2	91.9	93.9	91.8	94.1
N. DAKOTA	96.8	97.5	96.5	98.1	97.5	98.2	97.0	97.8
OHIO	94.4	95.2	94.4	95.2	95.4	96.3	94.2	95.1
OKLAHOMA	88.9	91.6	86.7	89.4	89.2	91.2	88.7	93.1
OREGON	92.0	93.5	89.5	91.9	94.2	95.4	93.0	94.6
PENNSYLVANIA	96.2	97.1	96.8	97.2	96.9	97.4	97.2	97.9
RHODE ISLAND	95.4	96.5	95.3	96.1	96.9	97.9	94.0	94.8
S. CAROLINA	88.5	91.4	87.2	89.5	88.8	92.1	87.4	90.9
S. DAKOTA	92.9	95.4	93.3	94.7	93.7	95.2	92.8	94.9
TENNESSEE	90.3	93.5	92.8	95.0	91.3	94.3	91.6	95.9
TEXAS	88.5	91.3	87.8	90.4	88.8	91.5	89.8	92.9
UTAH	92.5	94.5	95.9	95.9	95.6	96.3	96.3	97.5
VERMONT	95.6	96.8	95.7	96.7	93.4	95.7	92.7	94.8
VIRGINIA	92.9	95.5	92.4	94.9	93.1	96.2	94.0	96.2
WASHINGTON	94.3	95.7	96.5	97.4	97.6	98.0	95.1	96.4
W. VIRGINIA	87.3	91.4	87.7	91.3	84.3	87.5	88.4	92.0
WISCONSIN	97.0	98.0	96.8	98.2	97.7	98.9	97.5	98.0
WYOMING	93.0	94.4	95.3	96.7	93.8	96.5	91.8	93.4

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

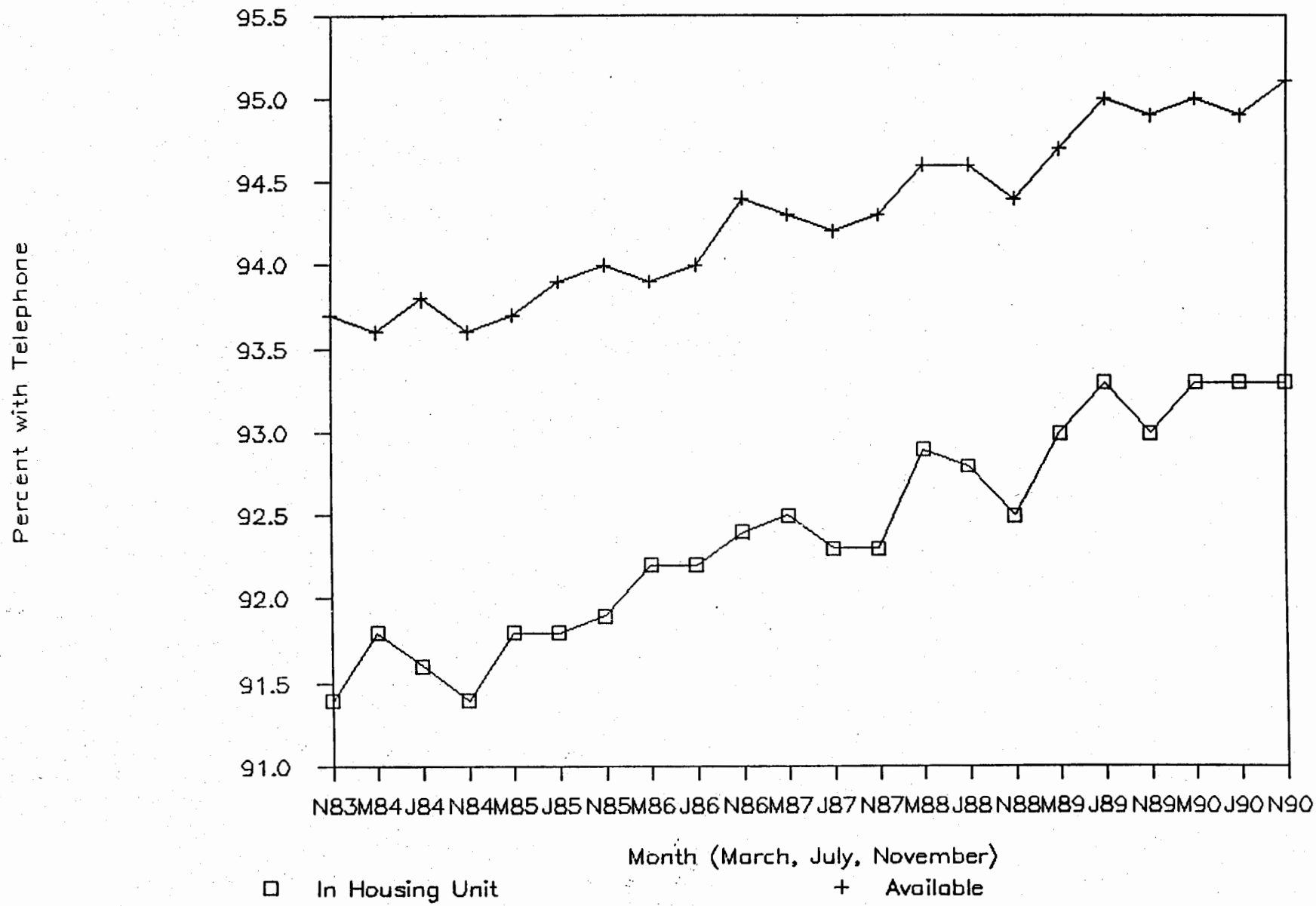
	1989		1990					
	ANNUAL AVERAGE		MARCH		JULY		NOV	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	93.1	94.9	93.3	95.0	93.3	94.9	93.3	95.1
ALABAMA	89.0	91.3	88.4	89.3	90.9	92.2	89.3	91.8
ALASKA	86.8	89.9	89.9	92.9	88.6	92.4	89.4	92.5
ARIZONA	91.6	93.2	91.1	93.8	93.4	95.0	94.5	96.7
ARKANSAS	87.5	91.0	88.1	91.7	89.7	92.0	88.4	92.1
CALIFORNIA	94.9	96.0	94.4	95.7	94.6	95.3	94.8	95.6
COLORADO	94.6	96.0	93.9	96.1	94.9	96.1	95.2	96.6
CONNECTICUT	98.1	98.5	97.3	97.6	97.7	97.8	96.4	97.6
DELAWARE	96.6	97.5	95.8	96.9	96.3	96.8	95.8	97.6
DIST OF COL	92.7	94.8	92.9	93.4	89.7	92.8	91.7	93.3
FLORIDA	92.9	94.5	92.3	94.5	93.7	95.0	93.1	95.3
GEORGIA	90.2	92.9	90.7	93.7	90.6	92.1	91.5	94.4
HAWAII	95.1	96.9	96.7	97.6	94.2	95.9	95.1	96.9
IDAHO	92.5	93.6	93.1	95.2	91.8	92.9	93.5	94.3
ILLINOIS	93.9	95.4	94.5	95.9	93.8	95.1	94.6	96.0
INDIANA	93.2	95.9	92.3	95.2	94.6	97.2	91.6	95.3
IOWA	96.3	97.5	97.1	97.8	95.2	96.1	96.0	96.7
KANSAS	94.4	95.8	95.6	97.2	95.7	96.3	94.9	96.0
KENTUCKY	88.9	92.7	90.4	93.3	88.1	93.0	88.8	93.6
LOUISIANA	88.6	91.3	90.4	92.0	88.9	91.3	89.0	92.7
MAINE	95.3	96.4	96.5	97.7	94.6	97.7	96.0	97.5
MARYLAND	95.0	96.6	95.4	96.7	95.2	96.4	95.6	96.9
MASSACHUSETTS	97.1	97.8	96.6	97.1	96.5	97.3	96.7	97.8
MICHIGAN	93.7	94.9	94.1	95.7	93.7	95.0	94.5	95.9
MINNESOTA	96.8	97.8	96.5	97.5	96.2	97.9	98.1	98.9
MISSISSIPPI	85.5	90.3	87.5	90.8	85.0	90.3	88.4	91.7
MISSOURI	91.0	93.4	91.9	95.2	92.5	94.9	91.7	95.8
MONTANA	91.7	94.3	91.7	93.6	92.7	94.9	91.7	94.0
NEBRASKA	95.2	96.3	95.8	96.6	96.3	96.9	96.5	97.9
NEVADA	92.7	93.3	94.1	94.4	91.0	92.5	92.8	93.9
NEW HAMPSHIRE	95.4	97.1	95.9	96.9	95.5	96.8	93.6	95.7
NEW JERSEY	94.8	96.1	95.5	96.5	94.3	95.5	94.2	95.6
NEW MEXICO	85.8	89.6	86.5	90.5	86.2	89.7	84.5	88.3
NEW YORK	92.3	94.0	90.6	92.5	91.5	93.1	91.2	92.7
N. CAROLINA	91.9	94.1	92.3	94.5	92.0	94.4	91.5	93.8
N. DAKOTA	97.0	98.0	96.7	97.9	97.0	97.9	97.2	97.8
OHIO	94.6	95.5	95.9	96.9	94.1	95.8	95.5	96.1
OKLAHOMA	88.2	91.2	90.4	93.8	88.4	92.0	89.6	92.2
OREGON	92.3	93.9	92.8	94.3	95.4	97.0	95.4	96.5
PENNSYLVANIA	97.0	97.5	96.7	97.5	97.3	98.1	96.6	97.2
RHODE ISLAND	95.4	96.3	94.8	95.9	95.5	96.0	96.5	97.4
S. CAROLINA	87.8	90.8	89.6	92.9	89.4	92.6	91.7	94.2
S. DAKOTA	93.3	95.0	94.4	96.3	93.3	95.1	92.5	94.4
TENNESSEE	91.9	95.1	92.1	93.8	91.8	94.3	90.9	94.0
TEXAS	88.8	91.6	90.0	92.4	89.2	91.6	89.2	92.0
UTAH	95.9	96.5	96.5	97.0	94.2	95.1	96.2	96.8
VERMONT	93.9	95.7	96.8	97.6	92.4	95.7	95.6	97.5
VIRGINIA	93.2	95.7	93.4	95.4	93.8	95.3	92.0	94.0
WASHINGTON	96.4	97.3	97.2	97.7	97.2	98.0	96.9	97.3
W. VIRGINIA	86.8	90.3	88.6	92.4	87.2	91.9	86.8	90.8
WISCONSIN	97.3	98.4	96.5	97.2	97.3	97.9	96.9	98.1
WYOMING	93.6	95.5	95.1	96.5	94.7	95.7	92.6	95.6

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY NATIONAL TOTAL AND STATES - TABLE 1.2

	1990	
	ANNUAL AVERAGE	
	Unit	Avail
UNITED STATES	93.3	95.0
ALABAMA	89.5	91.1
ALASKA	89.3	92.6
ARIZONA	93.0	95.1
ARKANSAS	88.7	91.9
CALIFORNIA	94.6	95.5
COLORADO	94.7	96.3
CONNECTICUT	97.1	97.7
DELAWARE	96.0	97.1
DIST OF COL	91.4	93.2
FLORIDA	93.0	94.9
GEORGIA	90.9	93.4
HAWAII	95.3	96.8
IDAHO	92.8	94.1
ILLINOIS	94.3	95.7
INDIANA	92.8	95.9
IOWA	96.1	96.9
KANSAS	95.4	96.5
KENTUCKY	89.1	93.3
LOUISIANA	89.4	92.0
MAINE	95.7	97.6
MARYLAND	95.4	96.7
MASSACHUSETTS	96.6	97.4
MICHIGAN	94.1	95.5
MINNESOTA	96.9	98.1
MISSISSIPPI	87.0	90.9
MISSOURI	92.0	95.3
MONTANA	92.0	94.2
NEBRASKA	96.2	97.1
NEVADA	92.6	93.6
NEW HAMPSHIRE	95.0	96.5
NEW JERSEY	94.7	95.9
NEW MEXICO	85.8	89.5
NEW YORK	91.1	92.8
N. CAROLINA	91.9	94.2
N. DAKOTA	97.0	97.9
OHIO	95.2	96.3
OKLAHOMA	89.5	92.7
OREGON	94.5	95.9
PENNSYLVANIA	96.9	97.6
RHODE ISLAND	95.6	96.5
S. CAROLINA	90.2	93.2
S. DAKOTA	93.4	95.3
TENNESSEE	91.6	94.1
TEXAS	89.4	92.0
UTAH	95.6	96.3
VERMONT	94.9	96.9
VIRGINIA	93.0	94.9
WASHINGTON	97.1	97.7
W. VIRGINIA	87.6	91.7
WISCONSIN	96.9	97.7
WYOMING	94.1	95.9

CHART 1.1  
Telephone Penetration

Households



PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE - TABLE 1.3

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>NOVEMBER 83</b>								
TOTAL	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
1 PERSON	87.5	91.3	90.2	93.7	71.2	77.1	73.8	82.0
2 - 3	93.3	95.0	94.5	95.9	82.5	87.8	80.7	84.3
4 - 5	92.4	94.2	93.6	95.0	83.1	87.3	83.4	86.2
6 +	86.6	88.9	90.5	92.2	74.5	78.5	81.0	84.0
<b>MARCH 84</b>								
TOTAL	91.8	93.6	93.3	94.9	80.1	84.1	80.7	83.6
1 PERSON	88.6	91.7	90.7	93.3	73.9	79.9	72.2	76.4
2 - 3	93.3	94.9	94.5	95.8	82.4	86.2	80.7	84.2
4 - 5	92.7	94.0	94.1	95.2	82.9	85.7	85.4	87.2
6 +	86.4	88.3	88.6	90.2	78.8	82.0	78.8	81.5
<b>JULY 84</b>								
TOTAL	91.6	93.8	93.2	95.0	80.5	85.3	81.1	84.6
1 PERSON	88.6	92.1	90.2	93.4	77.3	83.2	71.9	80.5
2 - 3	93.1	94.9	94.4	95.8	82.2	87.2	82.5	85.1
4 - 5	92.3	93.9	93.8	95.1	81.9	86.1	83.9	86.3
6 +	87.6	89.3	91.0	92.3	76.1	79.0	79.5	83.1
<b>NOVEMBER 84</b>								
TOTAL	91.4	93.6	93.1	95.0	78.9	84.0	81.1	84.5
1 PERSON	87.8	91.5	90.1	93.5	73.5	78.9	74.6	81.1
2 - 3	93.1	95.0	94.4	96.0	82.3	87.1	82.7	86.2
4 - 5	92.3	93.9	93.9	95.1	80.6	85.3	82.6	85.1
6 +	86.8	88.8	89.8	91.0	74.0	79.3	79.1	80.8
<b>1984 ANNUAL AVERAGE</b>								
TOTAL	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
1 PERSON	88.3	91.8	90.3	93.4	74.9	80.7	72.9	79.4
2 - 3	93.2	94.9	94.5	95.9	82.3	86.8	82.0	85.2
4 - 5	92.5	93.9	93.9	95.1	81.8	85.7	83.9	86.2
6 +	86.9	88.8	89.8	91.1	76.3	80.1	79.2	81.8
<b>MARCH 85</b>								
TOTAL	91.8	93.7	93.3	95.0	80.1	84.4	81.2	84.1
1 PERSON	88.9	92.3	91.1	94.0	73.7	80.4	75.0	82.4
2 - 3	93.4	94.8	94.5	95.7	83.8	86.8	82.4	84.8
4 - 5	92.2	93.7	93.6	94.8	81.9	86.2	81.5	83.4
6 +	87.4	89.4	90.7	92.0	75.0	79.0	84.0	85.5

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE - TABLE 1.3

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>JULY 85</b>								
TOTAL	91.8	93.9	93.2	95.0	81.6	85.8	80.3	83.3
1 PERSON	87.0	90.7	89.3	92.6	73.9	80.2	67.8	74.3
2 - 3	93.5	95.1	94.5	95.9	85.1	88.4	83.8	85.9
4 - 5	95.1	96.0	95.7	96.4	91.9	93.5	86.5	87.6
6 +	91.6	92.2	94.4	94.5	82.2	85.0	84.5	84.5
<b>NOVEMBER 85</b>								
TOTAL	91.9	94.0	93.3	95.2	81.5	85.3	82.5	85.7
1 PERSON	86.8	90.6	89.3	92.8	73.3	78.8	73.0	78.8
2 - 3	93.7	95.2	94.7	95.9	85.9	88.6	84.7	87.5
4 - 5	95.2	96.3	96.3	97.0	89.1	91.3	89.0	90.1
6 +	91.9	93.8	93.5	94.2	86.6	90.9	88.3	88.3
<b>1985 ANNUAL AVERAGE</b>								
TOTAL	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
1 PERSON	87.6	91.2	89.9	93.1	73.6	79.8	71.9	78.5
2 - 3	93.5	95.0	94.5	95.8	84.9	87.9	83.6	86.0
4 - 5	94.2	95.3	95.2	96.1	87.6	90.4	85.6	87.0
6 +	90.3	91.8	92.8	93.6	81.3	84.9	85.6	86.1
<b>MARCH 86</b>								
TOTAL	92.2	93.9	93.6	95.0	82.0	85.8	81.5	83.9
1 PERSON	89.1	92.3	90.6	93.5	79.2	83.9	79.1	85.0
2 - 3	93.9	95.2	95.0	96.0	84.5	88.0	81.2	83.3
4 - 5	92.7	93.8	94.1	94.9	82.8	86.4	83.8	85.5
6 +	86.7	88.0	89.7	90.7	74.2	76.9	78.8	79.8
<b>JULY 86</b>								
TOTAL	92.2	94.0	93.7	95.2	81.5	85.7	81.1	83.6
1 PERSON	87.6	90.8	90.1	92.9	74.3	79.5	71.8	76.6
2 - 3	94.0	95.3	94.9	96.0	85.4	89.1	83.4	85.5
4 - 5	95.1	95.8	96.0	96.4	89.6	91.2	86.8	87.5
6 +	92.5	94.2	95.4	95.5	78.0	87.4	88.2	88.2
<b>NOVEMBER 86</b>								
TOTAL	92.4	94.4	93.8	95.5	81.3	86.1	81.6	84.7
1 PERSON	87.7	91.2	90.4	93.3	72.6	79.5	70.9	76.5
2 - 3	94.1	95.5	95.0	96.2	86.0	89.7	84.7	87.4
4 - 5	95.5	96.3	96.3	96.8	91.3	93.5	85.9	87.1
6 +	91.1	92.3	93.5	94.1	81.2	84.1	82.8	84.3



PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE - TABLE 1.3

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail'
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail'
<b>1986 ANNUAL AVERAGE</b>								
TOTAL	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
1 PERSON	88.1	91.4	90.4	93.2	75.4	81.0	73.9	79.3
2 - 3	94.0	95.3	95.0	96.1	85.3	88.9	83.1	85.4
4 - 5	94.4	95.3	95.4	96.1	87.9	90.4	85.5	86.7
6 +	90.1	91.5	92.9	93.5	77.8	82.8	83.3	84.1
<b>MARCH 87</b>								
TOTAL	92.5	94.3	93.9	95.4	82.2	85.7	84.1	86.5
1 PERSON	89.5	92.8	91.3	94.2	77.6	82.9	80.3	84.5
2 - 3	93.9	95.2	95.1	96.2	84.0	86.6	84.4	86.8
4 - 5	93.5	94.7	94.5	95.5	85.2	88.4	86.6	88.8
6 +	88.0	89.9	90.5	91.6	78.6	82.6	80.4	80.7
<b>JULY 87</b>								
TOTAL	92.3	94.2	93.7	95.3	82.0	86.0	83.1	85.2
1 PERSON	89.6	92.8	91.3	94.2	78.8	83.5	79.5	83.1
2 - 3	93.9	95.2	95.1	96.2	84.0	87.5	85.6	87.3
4 - 5	92.5	94.1	93.8	95.1	82.6	86.9	81.5	83.4
6 +	88.3	90.0	90.7	91.9	78.8	82.5	83.3	84.9
<b>NOVEMBER 87</b>								
TOTAL	92.3	94.3	93.8	95.4	81.2	85.9	81.9	84.6
1 PERSON	89.4	92.5	91.3	94.0	77.0	83.0	78.6	82.8
2 - 3	93.8	95.5	95.1	96.4	83.6	87.9	81.5	84.8
4 - 5	93.1	94.6	94.5	95.7	83.0	86.8	85.2	87.0
6 +	85.8	87.5	88.1	89.4	74.9	79.3	78.2	79.2
<b>1987 ANNUAL AVERAGE</b>								
TOTAL	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
1 PERSON	89.5	92.7	91.3	94.1	77.8	83.1	79.5	83.5
2 - 3	93.9	95.3	95.1	96.3	83.9	87.3	83.8	86.3
4 - 5	93.0	94.5	94.3	95.4	83.6	87.4	84.4	86.4
6 +	87.4	89.1	89.8	91.0	77.4	81.5	80.6	81.6
<b>MARCH 88</b>								
TOTAL	92.9	94.6	94.2	95.7	82.7	86.3	82.6	85.7
1 PERSON	88.7	92.0	90.8	93.7	77.5	82.5	76.8	82.2
2 - 3	94.6	95.7	95.5	96.4	85.9	88.7	84.2	86.9
4 - 5	94.6	95.5	95.7	96.6	85.7	87.6	83.6	85.0
6 +	93.8	95.0	95.3	95.3	86.7	93.1	91.0	91.0

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE - TABLE 1.3

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>JULY 88</b>								
TOTAL	92.8	94.6	94.1	95.6	83.8	87.6	83.0	86.4
1 PERSON	88.5	91.7	90.8	93.5	76.9	82.5	73.9	80.3
2 - 3	94.6	95.8	95.4	96.5	87.5	90.3	85.7	88.5
4 - 5	95.2	96.0	95.8	96.4	91.7	93.5	84.8	86.2
6 +	93.4	95.8	94.0	96.4	88.8	92.7	88.0	91.0
<b>NOVEMBER 88</b>								
TOTAL	92.5	94.4	93.9	95.5	82.5	86.6	80.8	83.4
1 PERSON	88.0	91.3	90.4	93.2	74.9	80.8	72.4	76.1
2 - 3	94.3	95.8	95.2	96.4	86.9	90.2	82.9	85.4
4 - 5	95.1	95.8	95.9	96.5	89.5	91.1	84.8	85.7
6 +	91.3	92.2	91.7	92.9	86.0	86.0	79.2	82.1
<b>1988 ANNUAL AVERAGE</b>								
TOTAL	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
1 PERSON	88.4	91.7	90.6	93.5	76.4	82.0	74.4	79.5
2 - 3	94.5	95.7	95.4	96.4	86.8	89.7	84.2	86.9
4 - 5	94.9	95.8	95.8	96.5	89.0	90.7	84.4	85.6
6 +	92.8	94.3	93.7	94.9	87.2	90.6	86.1	88.0
<b>MARCH 89</b>								
TOTAL	93.0	94.7	94.4	95.8	83.2	86.9	81.9	84.8
1 PERSON	88.9	92.1	91.2	94.1	77.3	82.4	72.1	77.9
2 - 3	94.6	95.7	95.6	96.4	86.7	89.7	83.7	86.1
4 - 5	95.9	96.4	96.8	97.1	89.2	91.0	89.7	89.7
6 +	94.1	94.4	95.5	96.0	90.4	90.4	90.6	91.9
<b>JULY 89</b>								
TOTAL	93.3	95.0	94.6	96.0	83.9	87.9	83.5	86.5
1 PERSON	90.7	93.7	92.2	94.9	81.2	85.6	75.8	81.8
2 - 3	94.5	95.9	95.6	96.7	85.1	89.2	84.9	87.8
4 - 5	94.1	95.3	95.3	96.2	85.6	89.0	85.3	87.9
6 +	88.9	90.8	90.8	92.3	80.5	84.4	82.8	84.2
<b>NOVEMBER 89</b>								
TOTAL	93.0	94.9	94.6	96.0	82.5	86.5	83.5	86.8
1 PERSON	90.5	93.3	92.3	94.8	78.8	83.4	78.6	84.2
2 - 3	94.5	95.9	95.6	96.8	85.5	88.9	84.4	88.0
4 - 5	93.5	94.8	95.1	96.1	82.4	86.5	85.7	87.7
6 +	88.5	90.9	91.6	93.0	76.2	82.6	81.5	83.4

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLD SIZE - TABLE 1.3

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1989 ANNUAL AVERAGE</b>								
TOTAL	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
1 PERSON	90.0	93.0	91.9	94.6	79.1	83.8	75.5	81.3
2 - 3	94.5	95.8	95.6	96.7	85.8	89.3	84.3	87.3
4 - 5	94.5	95.5	95.7	96.4	85.7	88.8	86.9	88.5
6 +	90.5	92.0	92.7	93.8	82.4	85.8	84.9	86.5
<b>MARCH 90</b>								
TOTAL	93.3	95.0	94.6	96.1	83.8	87.1	81.8	84.9
1 PERSON	90.7	93.5	92.5	94.9	79.5	84.1	73.3	78.5
2 - 3	94.9	96.2	95.9	97.0	86.9	89.5	83.8	86.9
4 - 5	93.6	95.0	94.9	96.0	84.2	87.3	84.0	86.7
6 +	87.5	89.5	89.6	91.2	79.0	82.1	79.0	80.4
<b>JULY 90</b>								
TOTAL	93.3	94.9	94.6	96.0	83.6	86.7	83.4	85.5
1 PERSON	91.1	93.8	92.7	95.2	80.2	84.7	77.8	81.2
2 - 3	94.6	95.8	95.7	96.7	85.7	88.4	85.1	87.4
4 - 5	93.7	95.0	95.0	96.1	84.2	87.2	85.0	86.5
6 +	87.8	89.4	89.9	91.4	80.0	81.6	80.2	81.8
<b>NOVEMBER 90</b>								
TOTAL	93.3	95.1	94.7	96.2	83.2	87.2	83.0	85.4
1 PERSON	90.9	93.9	92.4	95.2	80.8	85.6	77.5	81.9
2 - 3	94.8	96.1	95.9	97.0	85.4	89.2	83.6	86.0
4 - 5	93.6	95.0	95.1	96.3	83.5	86.7	84.8	87.2
6 +	88.1	90.0	91.0	92.0	76.7	81.7	82.6	83.3
<b>1990 ANNUAL AVERAGE</b>								
TOTAL	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
1 PERSON	90.9	93.7	92.5	95.1	80.2	84.8	76.2	80.5
2 - 3	94.7	96.0	95.8	96.9	86.0	89.0	84.2	86.7
4 - 5	93.6	95.0	95.0	96.1	84.0	87.1	84.6	86.8
6 +	87.8	89.6	90.2	91.5	78.5	81.8	80.6	81.8

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>NOVEMBER 83</b>								
TOTAL	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
UNDER \$5,000	71.7	78.4	75.7	81.9	62.7	70.4	58.3	64.6
\$5,000 - \$7,499	82.7	87.2	84.5	88.5	74.7	82.0	71.1	76.5
\$7,500 - \$9,999	88.2	90.9	89.6	92.2	80.5	83.9	72.6	77.9
\$10,000 - \$12,499	89.7	92.7	91.2	93.9	82.0	86.2	76.8	82.1
\$12,500 - \$14,999	92.1	94.6	93.4	95.2	82.5	90.7	89.8	91.7
\$15,000 - \$17,499	94.6	96.2	94.9	96.4	91.7	95.1	86.9	90.8
\$17,500 - \$19,999	95.7	97.4	96.1	97.7	91.4	95.0	88.4	91.5
\$20,000 - \$24,999	96.9	97.8	97.4	98.2	91.2	93.2	93.1	94.3
\$25,000 - \$29,999	98.0	98.9	98.2	99.0	96.1	97.2	98.3	99.0
\$30,000 - \$34,999	98.8	99.1	99.0	99.2	95.1	97.7	97.7	98.9
\$35,000 - \$39,999	99.0	99.5	99.1	99.5	98.4	98.4	92.1	98.2
\$40,000 - \$49,999	99.2	99.5	99.4	99.7	97.3	97.3	100.0	100.0
\$50,000 - \$74,999	99.4	99.7	99.5	99.7	98.5	100.0	99.6	100.0
\$75,000 +	99.4	99.6	99.4	99.6	100.0	100.0	100.0	100.0
<b>MARCH 84</b>								
TOTAL	91.8	93.6	93.3	94.9	80.1	84.1	80.7	83.6
UNDER \$5,000	71.4	77.0	74.7	79.8	62.8	69.7	53.6	60.2
\$5,000 - \$7,499	83.6	86.8	85.8	88.7	74.6	79.1	70.0	73.9
\$7,500 - \$9,999	85.8	89.3	87.7	90.8	75.9	81.1	72.2	76.3
\$10,000 - \$12,499	90.0	92.4	91.3	93.5	82.5	86.3	81.8	86.2
\$12,500 - \$14,999	92.7	94.3	93.6	95.2	84.6	86.7	88.5	89.7
\$15,000 - \$17,499	93.6	95.6	94.3	95.9	87.6	92.7	89.4	91.2
\$17,500 - \$19,999	95.3	96.3	95.4	96.3	94.8	96.4	87.1	88.0
\$20,000 - \$24,999	97.1	98.0	97.3	98.1	94.6	97.4	90.0	92.8
\$25,000 - \$29,999	98.1	98.6	98.5	98.9	93.5	94.8	96.2	97.6
\$30,000 - \$34,999	98.8	99.2	98.8	99.3	97.5	97.5	99.2	99.2
\$35,000 - \$39,999	99.4	99.6	99.5	99.7	96.3	97.2	100.0	100.0
\$40,000 - \$49,999	99.4	99.6	99.5	99.7	98.0	98.3	100.0	100.0
\$50,000 - \$74,999	99.2	99.6	99.3	99.7	97.0	97.0	100.0	100.0
\$75,000 +	98.9	99.6	99.0	99.6	94.0	100.0	95.1	100.0
<b>JULY 84</b>								
TOTAL	91.6	93.8	93.2	95.0	80.5	85.3	81.1	84.6
UNDER \$5,000	71.8	77.9	74.5	80.1	65.4	72.4	53.2	60.6
\$5,000 - \$7,499	82.6	86.9	84.8	88.8	74.4	80.3	71.7	76.1
\$7,500 - \$9,999	86.5	89.8	88.6	91.3	75.6	82.4	76.4	83.3
\$10,000 - \$12,499	89.7	92.7	90.7	93.3	83.4	88.9	80.7	84.1
\$12,500 - \$14,999	91.7	94.6	92.8	95.3	85.0	90.0	87.0	93.0
\$15,000 - \$17,499	94.1	95.9	94.5	96.3	89.4	91.1	87.6	88.0
\$17,500 - \$19,999	95.6	97.0	96.1	97.2	92.4	95.7	94.4	95.3
\$20,000 - \$24,999	96.8	97.8	97.2	98.0	92.9	95.7	96.7	97.3
\$25,000 - \$29,999	97.9	98.6	98.1	98.6	95.8	98.4	96.3	97.4
\$30,000 - \$34,999	98.8	99.1	98.8	99.2	97.7	97.7	100.0	100.0
\$35,000 - \$39,999	99.2	99.6	99.3	99.6	98.1	99.1	98.0	98.0
\$40,000 - \$49,999	99.3	99.5	99.5	99.7	96.1	96.1	100.0	100.0
\$50,000 - \$74,999	99.7	99.8	99.7	99.8	98.8	100.0	100.0	100.0
\$75,000 +	99.1	99.6	99.1	99.6	100.0	100.0	100.0	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>NOVEMBER 84</b>								
TOTAL	91.4	93.6	93.1	95.0	78.9	84.0	81.1	84.5
UNDER \$5,000	70.3	77.5	74.4	81.3	61.4	69.4	58.5	66.1
\$5,000 - \$7,499	83.7	87.1	85.8	88.8	75.3	81.2	67.7	70.8
\$7,500 - \$9,999	87.0	89.8	88.7	90.9	80.2	84.7	76.3	79.5
\$10,000 - \$12,499	89.4	92.6	91.4	94.1	77.4	83.6	76.8	83.5
\$12,500 - \$14,999	92.0	94.2	92.5	94.5	86.6	91.6	86.5	88.9
\$15,000 - \$17,499	93.3	95.6	93.8	95.8	88.6	93.0	88.3	91.0
\$17,500 - \$19,999	94.3	95.9	95.2	96.5	88.0	91.0	91.5	95.2
\$20,000 - \$24,999	96.5	97.6	96.8	97.9	92.3	94.3	90.7	93.3
\$25,000 - \$29,999	98.4	99.1	98.6	99.2	96.0	98.3	96.7	96.7
\$30,000 - \$34,999	98.6	99.1	98.9	99.3	95.3	96.6	97.1	98.0
\$35,000 - \$39,999	99.1	99.4	99.1	99.4	98.7	98.7	96.5	97.6
\$40,000 - \$49,999	99.2	99.6	99.3	99.7	95.7	96.4	96.8	97.8
\$50,000 - \$74,999	99.5	99.9	99.6	99.9	98.3	98.3	100.0	100.0
\$75,000 +	98.7	99.5	98.8	99.5	95.6	100.0	99.0	100.0
<b>1984 ANNUAL AVERAGE</b>								
TOTAL	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
UNDER \$5,000	71.2	77.5	74.5	80.4	63.2	70.5	55.1	62.3
\$5,000 - \$7,499	83.3	86.9	85.5	88.7	74.8	80.2	69.8	73.6
\$7,500 - \$9,999	86.5	89.6	88.3	91.0	77.2	82.7	75.0	79.7
\$10,000 - \$12,499	89.7	92.6	91.1	93.6	81.1	86.3	79.7	84.6
\$12,500 - \$14,999	92.1	94.4	93.0	95.0	85.4	89.5	87.3	90.5
\$15,000 - \$17,499	93.7	95.7	94.2	96.0	88.5	92.2	88.4	90.0
\$17,500 - \$19,999	95.1	96.4	95.6	96.7	91.7	94.4	91.0	92.8
\$20,000 - \$24,999	96.8	97.8	97.1	98.0	93.3	95.8	92.5	94.5
\$25,000 - \$29,999	98.1	98.8	98.4	98.9	95.1	97.2	96.4	97.2
\$30,000 - \$34,999	98.7	99.1	98.8	99.3	96.8	97.2	98.8	99.1
\$35,000 - \$39,999	99.2	99.5	99.3	99.6	97.7	98.3	98.2	98.5
\$40,000 - \$49,999	99.3	99.6	99.4	99.7	96.6	96.9	98.9	99.3
\$50,000 - \$74,999	99.4	99.8	99.5	99.8	98.0	98.4	100.0	100.0
\$75,000 +	98.9	99.6	98.9	99.6	96.5	100.0	98.0	100.0
<b>MARCH 85</b>								
TOTAL	91.8	93.7	93.3	95.0	80.1	84.4	81.2	84.1
UNDER \$5,000	71.1	77.5	75.1	81.0	62.1	69.7	57.9	64.1
\$5,000 - \$7,499	82.5	86.1	85.0	88.1	72.0	77.6	65.9	70.8
\$7,500 - \$9,999	86.3	89.2	87.6	90.3	79.9	83.9	72.2	77.1
\$10,000 - \$12,499	89.5	92.2	90.7	93.1	81.5	86.0	85.1	86.6
\$12,500 - \$14,999	91.4	93.9	92.6	94.7	83.3	87.8	86.9	90.0
\$15,000 - \$17,499	93.7	95.8	94.6	96.3	88.1	92.0	85.8	88.5
\$17,500 - \$19,999	94.1	95.5	94.7	96.0	89.1	92.0	93.6	94.2
\$20,000 - \$24,999	96.2	97.2	96.4	97.3	93.3	95.5	88.8	91.0
\$25,000 - \$29,999	97.8	98.5	98.0	98.7	95.3	96.6	93.1	96.2
\$30,000 - \$34,999	98.6	99.0	98.8	99.0	97.3	98.3	97.8	97.8
\$35,000 - \$39,999	99.0	99.4	99.1	99.4	96.7	98.2	99.5	99.5
\$40,000 - \$49,999	98.9	99.2	99.0	99.3	97.0	98.0	97.4	97.4
\$50,000 - \$74,999	99.5	99.6	99.5	99.7	98.4	98.7	98.4	98.4
\$75,000 +	99.5	99.6	99.5	99.6	100.0	100.0	100.0	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>JULY 85</b>								
TOTAL	91.8	93.9	93.2	95.0	81.6	85.8	80.3	83.3
UNDER \$5,000	72.0	77.9	74.9	80.7	64.5	71.1	60.7	65.8
\$5,000 - \$7,499	83.2	87.0	84.6	87.9	76.7	83.2	67.9	71.2
\$7,500 - \$9,999	86.9	90.8	87.7	91.1	82.3	88.1	76.0	78.1
\$10,000 - \$12,499	89.7	92.5	91.1	93.6	82.1	86.8	76.7	79.5
\$12,500 - \$14,999	91.0	93.6	92.6	94.9	80.2	84.6	79.2	83.2
\$15,000 - \$17,499	93.4	95.5	94.2	96.2	88.6	91.2	86.1	88.4
\$17,500 - \$19,999	94.5	96.1	94.8	96.5	91.9	93.0	87.1	89.8
\$20,000 - \$24,999	96.7	97.8	96.8	98.0	94.7	96.5	92.9	95.7
\$25,000 - \$29,999	97.1	98.1	97.4	98.2	94.4	97.0	91.5	95.2
\$30,000 - \$34,999	98.4	98.9	98.5	99.0	96.5	97.9	96.9	96.9
\$35,000 - \$39,999	98.7	99.2	98.8	99.4	98.4	98.4	95.8	98.6
\$40,000 - \$49,999	99.3	99.6	99.3	99.6	99.3	99.3	98.8	98.8
\$50,000 - \$74,999	99.3	99.7	99.4	99.7	97.7	98.8	100.0	100.0
\$75,000 +	99.0	99.4	99.0	99.4	100.0	100.0	95.6	95.6
<b>NOVEMBER 85</b>								
TOTAL	91.9	94.0	93.3	95.2	81.5	85.3	82.5	85.7
UNDER \$5,000	72.7	79.0	75.9	82.2	65.2	71.1	66.4	71.0
\$5,000 - \$7,499	82.5	86.3	84.7	88.2	73.3	78.6	65.9	71.9
\$7,500 - \$9,999	87.1	89.9	88.9	91.4	78.7	82.9	76.8	82.8
\$10,000 - \$12,499	89.6	92.0	90.5	93.1	83.3	85.2	79.3	82.4
\$12,500 - \$14,999	90.6	93.6	91.6	93.9	84.7	90.9	82.4	84.2
\$15,000 - \$17,499	93.1	95.5	93.8	96.1	88.0	92.1	85.3	89.0
\$17,500 - \$19,999	95.4	96.9	95.8	97.3	93.5	95.3	90.7	94.4
\$20,000 - \$24,999	96.0	97.4	96.1	97.5	95.1	96.8	92.3	94.4
\$25,000 - \$29,999	98.0	98.8	98.1	98.8	97.5	98.3	94.3	96.3
\$30,000 - \$34,999	98.7	99.1	98.8	99.2	98.2	98.9	97.3	97.3
\$35,000 - \$39,999	98.6	99.1	98.8	99.3	95.5	96.7	99.2	100.0
\$40,000 - \$49,999	99.0	99.3	99.1	99.4	97.0	97.3	96.3	98.3
\$50,000 - \$74,999	99.2	99.7	99.3	99.7	97.5	98.8	100.0	100.0
\$75,000 +	99.2	99.3	99.3	99.4	92.7	92.7	100.0	100.0
<b>1985 ANNUAL AVERAGE</b>								
TOTAL	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
UNDER \$5,000	71.9	78.1	75.3	81.3	63.9	70.6	61.6	67.0
\$5,000 - \$7,499	82.7	86.5	84.8	88.1	74.0	79.8	66.6	71.3
\$7,500 - \$9,999	86.8	90.0	88.1	90.9	80.3	85.0	75.0	79.4
\$10,000 - \$12,499	89.6	92.2	90.8	93.2	82.3	86.0	80.4	82.8
\$12,500 - \$14,999	91.0	93.7	92.2	94.5	82.7	87.8	82.8	85.8
\$15,000 - \$17,499	93.4	95.6	94.2	96.2	88.2	91.8	85.7	88.6
\$17,500 - \$19,999	94.7	96.2	95.1	96.6	91.5	93.4	90.4	92.8
\$20,000 - \$24,999	96.3	97.5	96.5	97.6	94.4	96.3	91.3	93.7
\$25,000 - \$29,999	97.6	98.5	97.8	98.6	95.8	97.3	93.0	95.9
\$30,000 - \$34,999	98.6	99.0	98.7	99.1	97.3	98.4	97.3	97.3
\$35,000 - \$39,999	98.8	99.2	98.9	99.4	96.9	97.8	98.2	99.4
\$40,000 - \$49,999	99.1	99.4	99.1	99.4	97.8	98.2	97.5	98.2
\$50,000 - \$74,999	99.3	99.7	99.4	99.7	97.9	98.8	99.5	99.5
\$75,000 +	99.2	99.5	99.2	99.5	97.6	97.6	98.5	98.5

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>MARCH 86</b>								
TOTAL	92.2	93.9	93.6	95.0	82.0	85.8	81.5	83.9
UNDER \$5,000	71.1	76.9	74.0	79.3	63.8	71.1	56.7	61.3
\$5,000 - \$7,499	82.7	85.8	85.1	87.8	72.0	76.9	68.7	72.7
\$7,500 - \$9,999	87.6	90.0	88.8	90.8	82.1	86.4	72.1	73.9
\$10,000 - \$12,499	89.5	91.8	90.6	92.7	82.1	86.0	78.5	81.0
\$12,500 - \$14,999	91.3	94.1	92.0	94.7	87.6	90.9	84.6	90.0
\$15,000 - \$17,499	92.9	94.5	93.6	95.2	88.0	91.0	84.9	89.1
\$17,500 - \$19,999	94.6	96.0	95.2	96.4	90.1	92.8	86.1	88.8
\$20,000 - \$24,999	96.3	97.1	96.7	97.4	93.6	95.0	92.3	93.5
\$25,000 - \$29,999	97.2	98.0	97.7	98.3	91.6	94.0	92.5	92.5
\$30,000 - \$34,999	98.3	98.6	98.4	98.7	97.5	97.8	96.9	97.7
\$35,000 - \$39,999	98.9	99.2	99.1	99.3	98.1	98.1	100.0	100.0
\$40,000 - \$49,999	98.9	99.3	99.0	99.3	98.3	98.3	97.5	97.5
\$50,000 - \$74,999	99.5	99.7	99.5	99.7	99.3	99.3	100.0	100.0
\$75,000 +	99.3	99.4	99.3	99.4	100.0	100.0	98.5	100.0
<b>JULY 86</b>								
TOTAL	92.2	94.0	93.7	95.2	81.5	85.7	81.1	83.6
UNDER \$5,000	71.5	77.0	74.4	79.7	65.4	71.2	57.1	63.8
\$5,000 - \$7,499	82.6	86.1	85.0	87.9	73.8	79.2	64.9	68.6
\$7,500 - \$9,999	86.3	90.1	87.8	90.8	77.4	85.9	72.9	75.9
\$10,000 - \$12,499	89.6	92.4	90.8	93.2	82.9	87.3	80.9	81.9
\$12,500 - \$14,999	91.5	93.9	92.4	94.5	83.4	88.8	87.1	87.7
\$15,000 - \$17,499	93.1	95.2	94.3	95.8	84.2	90.6	86.9	88.9
\$17,500 - \$19,999	95.5	96.6	95.8	97.0	93.2	94.3	89.4	91.9
\$20,000 - \$24,999	96.6	97.6	97.0	98.0	92.1	94.0	94.5	95.0
\$25,000 - \$29,999	97.7	98.4	98.0	98.7	95.7	96.6	92.2	95.0
\$30,000 - \$34,999	98.3	98.8	98.5	99.0	96.6	97.8	98.0	98.7
\$35,000 - \$39,999	99.2	99.3	99.2	99.4	98.4	98.4	98.6	98.6
\$40,000 - \$49,999	99.1	99.4	99.1	99.4	99.0	99.0	98.1	98.9
\$50,000 - \$74,999	99.6	99.8	99.6	99.8	100.0	100.0	98.2	99.2
\$75,000 +	99.6	99.8	99.7	99.8	95.5	100.0	100.0	100.0
<b>NOVEMBER 86</b>								
TOTAL	92.4	94.4	93.8	95.5	81.3	86.1	81.6	84.7
UNDER \$5,000	72.3	78.3	76.3	81.3	62.6	70.9	58.9	63.7
\$5,000 - \$7,499	83.9	87.7	85.6	89.0	77.0	82.7	70.8	75.0
\$7,500 - \$9,999	86.8	90.4	88.7	91.6	76.3	83.2	73.8	77.7
\$10,000 - \$12,499	89.6	92.1	90.6	93.0	82.9	85.9	81.4	84.9
\$12,500 - \$14,999	90.8	93.6	91.3	94.0	88.1	91.3	80.0	85.7
\$15,000 - \$17,499	93.4	95.6	94.9	96.1	83.7	93.3	87.2	88.8
\$17,500 - \$19,999	94.6	96.4	94.9	96.6	93.4	95.6	86.0	89.7
\$20,000 - \$24,999	96.5	97.9	96.9	98.1	92.5	95.0	92.1	93.8
\$25,000 - \$29,999	98.2	98.9	98.4	99.0	96.2	97.1	97.0	98.1
\$30,000 - \$34,999	98.7	99.1	99.0	99.3	96.2	97.1	97.7	98.9
\$35,000 - \$39,999	98.6	99.3	98.8	99.4	96.5	97.2	95.8	99.2
\$40,000 - \$49,999	99.2	99.5	99.3	99.6	97.4	97.4	100.0	100.0
\$50,000 - \$74,999	99.5	99.7	99.6	99.8	99.0	99.0	100.0	100.0
\$75,000 +	99.3	99.7	99.3	99.7	98.6	98.6	93.9	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1986 ANNUAL AVERAGE</b>								
TOTAL	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
UNDER \$5,000	71.6	77.4	74.9	80.1	63.9	71.0	57.5	62.9
\$5,000 - \$7,499	83.1	86.5	85.2	88.2	74.3	79.6	68.1	72.1
\$7,500 - \$9,999	86.9	90.2	88.4	91.1	78.6	85.2	72.9	75.8
\$10,000 - \$12,499	89.6	92.1	90.7	93.0	82.6	86.4	80.3	82.6
\$12,500 - \$14,999	91.2	93.8	91.9	94.4	86.4	90.3	83.9	87.8
\$15,000 - \$17,499	93.1	95.1	94.3	95.7	85.3	91.6	86.3	88.9
\$17,500 - \$19,999	94.9	96.3	95.3	96.7	92.2	94.2	87.2	90.1
\$20,000 - \$24,999	96.5	97.5	96.9	97.9	92.8	94.6	93.0	94.1
\$25,000 - \$29,999	97.7	98.4	98.0	98.7	94.5	95.9	93.9	95.2
\$30,000 - \$34,999	98.4	98.9	98.6	99.0	96.7	97.5	97.5	98.4
\$35,000 - \$39,999	98.9	99.3	99.0	99.4	97.6	97.9	98.1	99.3
\$40,000 - \$49,999	99.1	99.4	99.1	99.4	98.2	98.2	98.5	98.8
\$50,000 - \$74,999	99.5	99.8	99.6	99.8	99.4	99.4	99.4	99.7
\$75,000 +	99.4	99.6	99.4	99.6	98.0	99.5	97.5	100.0
<b>MARCH 87</b>								
TOTAL	92.5	94.3	93.9	95.4	82.2	85.7	84.1	86.5
UNDER \$5,000	71.9	78.0	75.1	80.9	63.8	70.5	63.8	67.6
\$5,000 - \$7,499	83.6	86.7	85.3	87.9	76.8	81.9	69.5	73.0
\$7,500 - \$9,999	87.7	89.9	88.5	90.6	83.6	86.2	78.1	81.0
\$10,000 - \$12,499	89.4	92.0	90.5	93.1	81.4	85.2	78.9	82.1
\$12,500 - \$14,999	90.5	92.9	91.7	93.9	84.2	86.3	83.6	85.0
\$15,000 - \$17,499	92.4	94.7	93.3	95.6	85.8	88.6	83.7	88.9
\$17,500 - \$19,999	94.2	95.9	95.0	96.3	88.1	92.4	91.0	93.0
\$20,000 - \$24,999	96.6	97.4	97.1	97.9	93.5	94.6	94.1	95.1
\$25,000 - \$29,999	97.3	98.4	97.8	98.7	92.8	95.0	96.6	97.8
\$30,000 - \$34,999	98.1	98.7	98.3	98.9	96.0	96.4	96.5	97.5
\$35,000 - \$39,999	98.6	99.0	98.9	99.1	94.7	97.1	96.9	96.9
\$40,000 - \$49,999	99.4	99.7	99.4	99.7	99.6	99.6	99.6	99.9
\$50,000 - \$74,999	99.4	99.6	99.5	99.7	98.1	98.8	98.6	99.5
\$75,000 +	99.7	99.8	99.7	99.8	97.2	100.0	100.0	100.0
<b>JULY 87</b>								
TOTAL	92.3	94.2	93.7	95.3	82.0	86.0	83.1	85.2
UNDER \$5,000	70.7	75.9	74.1	78.7	63.8	70.5	58.0	62.7
\$5,000 - \$7,499	83.6	87.0	85.8	88.8	75.5	80.7	71.6	73.1
\$7,500 - \$9,999	86.5	89.6	88.1	90.8	78.8	83.7	76.6	79.0
\$10,000 - \$12,499	89.6	92.6	90.6	93.4	82.9	87.8	84.2	86.6
\$12,500 - \$14,999	91.2	93.7	92.3	94.4	83.6	88.8	86.3	88.4
\$15,000 - \$17,499	92.2	94.4	92.7	94.6	89.0	93.2	87.0	88.9
\$17,500 - \$19,999	94.8	96.2	95.8	97.0	88.1	91.0	87.7	87.7
\$20,000 - \$24,999	96.0	97.4	96.4	97.8	92.0	93.9	93.4	95.6
\$25,000 - \$29,999	97.6	98.4	98.1	98.8	93.7	95.2	98.7	98.7
\$30,000 - \$34,999	98.0	98.9	98.1	98.8	97.5	98.9	96.9	98.2
\$35,000 - \$39,999	98.8	99.2	98.8	99.2	97.8	98.9	96.8	96.8
\$40,000 - \$49,999	99.3	99.6	99.4	99.7	98.3	98.6	100.0	100.0
\$50,000 - \$74,999	99.4	99.8	99.4	99.9	99.4	99.4	97.6	99.1
\$75,000 +	99.4	99.8	99.4	99.7	100.0	100.0	97.2	100.0



PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>NOVEMBER 87</b>								
TOTAL	92.3	94.3	93.8	95.4	81.2	85.9	81.9	84.6
UNDER \$5,000	71.8	78.2	75.7	81.3	63.5	72.0	60.3	66.9
\$5,000 - \$7,499	82.9	86.5	85.6	88.7	72.2	78.0	68.5	71.0
\$7,500 - \$9,999	85.8	89.2	87.6	90.4	75.7	82.2	72.9	76.7
\$10,000 - \$12,499	89.4	92.3	90.1	92.9	85.5	89.4	80.0	83.7
\$12,500 - \$14,999	90.5	93.1	91.6	93.9	83.7	88.1	85.6	87.5
\$15,000 - \$17,499	93.3	95.5	94.5	96.2	85.8	90.6	86.1	88.4
\$17,500 - \$19,999	94.1	95.8	94.5	96.0	90.9	94.8	89.2	91.2
\$20,000 - \$24,999	96.8	98.0	97.0	98.1	95.1	96.7	92.0	94.0
\$25,000 - \$29,999	97.6	98.4	98.1	98.6	93.8	95.7	93.8	94.7
\$30,000 - \$34,999	98.1	99.0	98.5	99.2	94.8	96.4	97.4	97.4
\$35,000 - \$39,999	98.9	99.4	99.1	99.4	96.9	99.7	98.4	99.3
\$40,000 - \$49,999	99.5	99.6	99.6	99.7	98.0	98.0	99.4	99.4
\$50,000 - \$74,999	99.7	99.8	99.7	99.9	99.7	100.0	99.8	100.0
\$75,000 +	99.4	99.8	99.4	99.8	98.2	98.7	98.4	100.0
<b>1987 ANNUAL AVERAGE</b>								
TOTAL	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
UNDER \$5,000	71.5	77.4	75.0	80.3	63.7	71.0	60.7	65.7
\$5,000 - \$7,499	83.4	86.7	85.5	88.4	74.8	80.2	69.9	72.4
\$7,500 - \$9,999	86.7	89.6	88.1	90.6	79.3	84.0	75.8	78.9
\$10,000 - \$12,499	89.5	92.3	90.4	93.1	83.2	87.5	81.0	84.1
\$12,500 - \$14,999	90.8	93.2	91.9	94.1	83.8	87.7	85.2	86.9
\$15,000 - \$17,499	92.6	94.9	93.5	95.5	86.9	90.8	85.6	88.7
\$17,500 - \$19,999	94.4	96.0	95.1	96.4	89.0	92.7	89.3	90.6
\$20,000 - \$24,999	96.4	97.6	96.8	97.9	93.5	95.1	93.1	94.9
\$25,000 - \$29,999	97.5	98.4	98.0	98.7	93.4	95.3	96.4	97.1
\$30,000 - \$34,999	98.1	98.9	98.3	99.0	96.1	97.2	96.9	97.7
\$35,000 - \$39,999	98.8	99.2	98.9	99.3	96.5	98.6	97.4	97.7
\$40,000 - \$49,999	99.4	99.7	99.5	99.7	98.7	98.7	99.7	99.8
\$50,000 - \$74,999	99.5	99.8	99.5	99.8	99.1	99.4	98.7	99.6
\$75,000 +	99.5	99.8	99.5	99.8	98.5	99.6	98.6	100.0
<b>MARCH 88</b>								
TOTAL	92.9	94.6	94.2	95.7	82.7	86.3	82.6	85.7
UNDER \$5,000	72.3	78.1	75.2	81.1	65.5	71.6	59.4	67.0
\$5,000 - \$7,499	84.0	87.4	86.1	89.1	75.6	80.5	71.6	76.9
\$7,500 - \$9,999	85.8	89.0	86.8	90.1	79.9	83.1	63.0	69.0
\$10,000 - \$12,499	89.4	92.2	90.7	92.9	82.3	88.4	78.7	82.2
\$12,500 - \$14,999	91.2	93.1	92.2	94.0	83.7	86.5	82.7	83.6
\$15,000 - \$19,999	93.4	94.8	94.2	95.4	87.3	89.7	87.3	89.0
\$20,000 - \$24,999	96.4	97.7	96.6	97.9	94.3	95.9	91.6	95.1
\$25,000 - \$29,999	97.7	98.3	97.8	98.4	95.5	97.1	94.1	95.3
\$30,000 - \$34,999	98.1	98.7	98.6	99.1	92.6	94.9	97.5	97.5
\$35,000 - \$39,999	98.9	99.3	99.0	99.3	97.5	98.0	98.7	98.7
\$40,000 - \$49,999	99.2	99.7	99.2	99.6	97.6	100.0	99.1	99.1
\$50,000 - \$74,999	99.5	99.8	99.6	99.9	99.1	99.1	99.3	99.4
\$75,000 +	99.6	99.9	99.5	99.9	100.0	100.0	96.7	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>JULY 88</b>								
TOTAL	92.8	94.6	94.1	95.6	83.8	87.6	83.0	86.4
UNDER \$5,000	72.3	78.6	75.2	80.9	65.9	73.8	59.2	64.3
\$5,000 - \$7,499	84.4	87.8	85.7	89.0	80.0	84.5	68.2	74.9
\$7,500 - \$9,999	86.0	89.2	87.7	90.8	80.2	83.3	71.8	78.8
\$10,000 - \$12,499	88.4	91.2	89.6	92.1	81.9	86.2	79.2	81.4
\$12,500 - \$14,999	91.2	94.1	91.6	94.3	88.1	92.1	80.4	86.8
\$15,000 - \$19,999	93.8	95.6	94.4	96.1	89.1	92.2	91.1	93.2
\$20,000 - \$24,999	95.8	97.0	96.2	97.2	91.8	95.1	88.7	90.1
\$25,000 - \$29,999	97.3	98.0	97.8	98.4	92.7	94.7	95.6	97.8
\$30,000 - \$34,999	98.5	99.0	98.8	99.2	95.6	97.2	98.7	99.4
\$35,000 - \$39,999	98.5	98.9	98.6	99.0	97.7	98.3	93.9	95.3
\$40,000 - \$49,999	99.4	99.7	99.5	99.8	97.3	98.1	98.0	100.0
\$50,000 - \$59,999	99.5	99.8	99.6	99.8	98.0	98.5	100.0	100.0
\$60,000 - \$74,999	99.6	99.9	99.6	99.8	100.0	100.0	97.9	99.8
\$75,000 +	99.4	99.9	99.4	99.9	100.0	100.0	97.2	100.0
<b>NOVEMBER 88</b>								
TOTAL	92.5	94.4	93.9	95.5	82.5	86.6	80.8	83.4
UNDER \$5,000	71.5	78.3	74.2	80.4	66.0	74.1	56.8	62.2
\$5,000 - \$7,499	81.6	86.0	83.4	87.2	75.2	81.9	59.6	63.1
\$7,500 - \$9,999	84.9	88.1	87.2	90.1	73.1	77.9	67.0	70.6
\$10,000 - \$12,499	88.7	91.2	90.0	92.2	81.0	84.9	74.5	79.3
\$12,500 - \$14,999	91.5	93.9	92.8	94.8	83.4	87.9	81.5	83.1
\$15,000 - \$19,999	93.6	95.5	94.3	96.1	89.1	91.2	87.3	89.7
\$20,000 - \$24,999	96.5	97.6	96.7	97.8	94.4	96.2	93.1	94.1
\$25,000 - \$29,999	97.8	98.7	98.1	98.7	95.0	98.3	95.4	96.1
\$30,000 - \$34,999	98.6	99.2	98.7	99.3	98.0	98.2	99.5	100.0
\$35,000 - \$39,999	99.0	99.5	99.1	99.5	98.1	99.0	99.1	99.1
\$40,000 - \$49,999	99.3	99.5	99.4	99.6	97.0	97.5	99.0	100.0
\$50,000 - \$59,999	99.5	99.8	99.5	99.8	99.3	99.3	100.0	100.0
\$60,000 - \$74,999	99.5	99.9	99.5	99.9	100.0	100.0	100.0	100.0
\$75,000 +	99.4	100.0	99.4	100.0	100.0	100.0	99.6	100.0
<b>1988 ANNUAL AVERAGE</b>								
TOTAL	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
UNDER \$5,000	72.0	78.4	74.9	80.8	65.8	73.2	58.5	64.5
\$5,000 - \$7,499	83.3	87.1	85.1	88.4	76.9	82.3	66.4	71.7
\$7,500 - \$9,999	85.6	88.7	87.2	90.3	77.7	81.4	67.3	72.8
\$10,000 - \$12,499	88.8	91.5	90.1	92.4	81.7	86.5	77.5	80.9
\$12,500 - \$14,999	91.3	93.7	92.2	94.4	85.1	88.8	81.5	84.5
\$15,000 - \$19,999	93.6	95.3	94.3	95.9	88.5	91.1	88.6	90.6
\$20,000 - \$24,999	96.2	97.4	96.5	97.6	93.5	95.7	91.1	93.1
\$25,000 - \$29,999	97.6	98.4	97.9	98.5	94.4	96.7	95.0	96.4
\$30,000 - \$34,999	98.4	99.0	98.7	99.2	95.4	96.7	98.6	99.0
\$35,000 - \$39,999	98.8	99.2	98.9	99.3	97.8	98.4	97.2	97.7
\$40,000 - \$49,999	99.3	99.6	99.4	99.7	97.3	98.5	98.7	99.7
\$50,000 - \$74,999	99.5	99.8	99.6	99.8	99.2	99.3	99.4	99.8
\$75,000 +	99.5	99.9	99.4	99.9	100.0	100.0	97.8	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>MARCH 89</b>								
TOTAL	93.0	94.7	94.4	95.8	83.2	86.9	81.9	84.8
UNDER \$5,000	73.2	79.2	76.6	82.0	65.3	73.0	57.1	61.6
\$5,000 - \$7,499	84.4	87.5	86.4	89.3	79.3	82.6	69.3	74.7
\$7,500 - \$9,999	87.1	89.8	88.4	90.9	82.2	85.6	76.8	80.1
\$10,000 - \$12,499	87.9	90.8	89.6	91.9	78.3	85.2	68.1	70.9
\$12,500 - \$14,999	91.1	93.5	92.5	94.7	81.4	85.4	77.6	80.9
\$15,000 - \$19,999	92.5	94.2	93.8	95.4	82.9	86.0	86.2	88.9
\$20,000 - \$24,999	96.1	97.4	96.5	97.6	92.8	95.3	92.1	94.8
\$25,000 - \$29,999	97.5	98.1	97.7	98.3	95.6	96.9	90.1	92.6
\$30,000 - \$34,999	98.3	98.8	98.5	98.9	96.0	97.6	95.8	96.0
\$35,000 - \$39,999	98.9	99.4	99.0	99.5	96.9	98.3	94.4	97.3
\$40,000 - \$49,999	99.0	99.5	99.2	99.7	97.1	97.7	96.3	98.7
\$50,000 - \$59,999	99.6	99.7	99.7	99.8	99.0	99.0	100.0	100.0
\$60,000 - \$74,999	99.5	99.6	99.4	99.5	99.8	99.8	95.1	95.5
\$75,000 +	99.5	99.8	99.4	99.8	100.0	100.0	99.0	99.0
<b>JULY 89</b>								
TOTAL	93.3	95.0	94.6	96.0	83.9	87.9	83.5	86.5
UNDER \$5,000	74.4	80.2	78.0	83.2	65.1	72.8	62.8	68.7
\$5,000 - \$7,499	84.9	88.4	86.3	89.6	79.3	84.1	72.6	75.1
\$7,500 - \$9,999	86.1	89.5	88.2	91.3	77.1	82.5	75.8	81.7
\$10,000 - \$12,499	88.7	91.9	89.8	92.6	82.0	87.6	74.3	79.2
\$12,500 - \$14,999	91.3	93.9	92.3	94.6	86.0	90.5	78.4	84.1
\$15,000 - \$19,999	93.7	95.7	94.4	96.1	89.1	93.0	85.9	88.0
\$20,000 - \$24,999	95.9	97.1	96.6	97.6	89.6	92.7	92.5	94.0
\$25,000 - \$29,999	97.6	98.5	98.0	98.8	92.9	95.9	97.4	99.0
\$30,000 - \$34,999	98.3	98.8	98.5	98.9	96.1	96.8	93.9	95.4
\$35,000 - \$39,999	98.5	99.1	98.8	99.3	96.4	97.9	94.9	97.1
\$40,000 - \$49,999	99.4	99.6	99.4	99.7	98.3	98.3	98.5	98.5
\$50,000 - \$59,999	99.6	99.8	99.6	99.7	100.0	100.0	96.2	97.6
\$60,000 - \$74,999	99.5	99.8	99.5	99.8	100.0	100.0	100.0	100.0
\$75,000 +	99.5	99.8	99.5	99.8	98.4	98.4	100.0	100.0
<b>NOVEMBER 89</b>								
TOTAL	93.0	94.9	94.6	96.0	82.5	86.5	83.5	86.8
UNDER \$5,000	75.8	81.7	79.7	84.5	66.6	74.6	66.3	71.6
\$5,000 - \$7,499	81.9	86.4	84.2	88.4	73.7	79.3	64.6	71.5
\$7,500 - \$9,999	86.6	90.0	88.8	91.6	75.7	82.6	75.0	78.8
\$10,000 - \$12,499	88.7	91.4	90.7	93.2	77.5	81.8	77.3	80.3
\$12,500 - \$14,999	91.5	93.8	92.4	94.4	86.3	90.5	81.5	86.0
\$15,000 - \$19,999	93.3	95.1	94.4	96.0	85.6	88.7	86.9	89.5
\$20,000 - \$24,999	95.9	97.2	96.2	97.5	92.3	94.9	91.5	94.4
\$25,000 - \$29,999	97.4	98.4	97.8	98.8	93.6	95.3	92.4	97.2
\$30,000 - \$34,999	98.2	98.7	98.4	98.9	96.2	96.7	97.2	97.2
\$35,000 - \$39,999	98.8	99.4	99.0	99.5	96.8	97.7	98.1	98.1
\$40,000 - \$49,999	99.0	99.4	99.2	99.6	96.1	97.1	96.2	97.5
\$50,000 - \$59,999	99.3	99.7	99.4	99.8	97.2	98.0	100.0	100.0
\$60,000 - \$74,999	99.4	99.6	99.5	99.6	98.2	98.2	92.1	94.8
\$75,000 +	99.7	99.8	99.6	99.8	100.0	100.0	100.0	100.0

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1989 ANNUAL AVERAGE</b>								
TOTAL	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
UNDER \$5,000	74.4	80.4	78.1	83.2	65.6	73.5	62.1	67.3
\$5,000 - \$7,499	83.7	87.4	85.7	89.1	77.4	82.0	68.8	73.8
\$7,500 - \$9,999	86.6	89.8	88.5	91.3	78.4	83.6	75.9	80.2
\$10,000 - \$12,499	88.4	91.3	90.0	92.6	79.3	84.9	73.2	76.8
\$12,500 - \$14,999	91.3	93.7	92.4	94.5	84.5	88.8	79.2	83.7
\$15,000 - \$19,999	93.2	95.0	94.2	95.8	85.9	89.2	86.3	88.8
\$20,000 - \$24,999	95.9	97.2	96.4	97.5	91.6	94.3	92.0	94.4
\$25,000 - \$29,999	97.5	98.4	97.9	98.6	94.0	96.0	93.3	96.3
\$30,000 - \$34,999	98.3	98.8	98.5	98.9	96.1	97.0	95.6	96.2
\$35,000 - \$39,999	98.7	99.3	98.9	99.4	96.7	98.0	95.8	97.5
\$40,000 - \$49,999	99.1	99.5	99.2	99.6	97.2	97.7	97.0	98.2
\$50,000 - \$59,999	99.5	99.7	99.5	99.8	98.7	99.0	98.7	99.2
\$60,000 - \$74,999	99.5	99.7	99.5	99.7	99.3	99.3	95.7	96.8
\$75,000 +	99.5	99.8	99.5	99.8	99.5	99.5	99.7	99.7
<b>MARCH 90</b>								
TOTAL	93.3	95.0	94.6	96.1	83.8	87.1	81.8	84.9
UNDER \$5,000	75.7	81.1	78.9	83.8	68.1	74.1	57.2	62.3
\$5,000 - \$7,499	82.3	87.0	84.5	88.8	74.8	80.3	65.0	70.4
\$7,500 - \$9,999	87.5	90.4	89.2	91.9	78.6	82.7	75.6	78.3
\$10,000 - \$12,499	87.9	90.4	89.6	91.9	78.6	82.7	70.8	74.5
\$12,500 - \$14,999	91.7	93.8	93.0	95.0	84.6	86.7	83.0	84.9
\$15,000 - \$19,999	93.4	95.4	94.1	95.9	88.0	91.6	83.6	88.6
\$20,000 - \$24,999	95.2	96.7	95.6	96.9	92.2	94.4	89.7	92.6
\$25,000 - \$29,999	97.0	97.9	97.8	98.5	89.5	92.1	92.6	94.8
\$30,000 - \$34,999	98.1	98.7	98.6	99.1	94.4	95.4	96.9	98.0
\$35,000 - \$39,999	98.7	99.3	99.0	99.5	96.4	97.4	93.4	96.6
\$40,000 - \$49,999	99.0	99.4	99.2	99.5	98.0	98.4	99.0	99.0
\$50,000 - \$59,999	99.1	99.5	99.4	99.6	97.3	97.3	95.6	95.6
\$60,000 - \$74,999	99.8	99.9	99.9	99.9	99.2	100.0	100.0	100.0
\$75,000 +	99.4	99.8	99.4	99.8	100.0	100.0	97.7	100.0
<b>JULY 90</b>								
TOTAL	93.3	94.9	94.6	96.0	83.6	86.7	83.4	85.5
UNDER \$5,000	74.9	80.6	78.6	84.0	65.9	72.2	62.2	67.5
\$5,000 - \$7,499	83.2	86.8	85.3	88.8	76.0	80.1	70.3	73.9
\$7,500 - \$9,999	87.0	89.3	89.4	91.5	75.7	79.0	74.8	78.0
\$10,000 - \$12,499	89.0	92.3	90.1	93.5	82.7	86.1	77.2	80.0
\$12,500 - \$14,999	92.0	94.0	92.7	94.6	87.3	90.4	80.5	82.5
\$15,000 - \$19,999	93.4	95.3	94.0	95.6	89.5	92.7	85.8	87.8
\$20,000 - \$24,999	95.7	96.8	96.3	97.3	90.9	92.9	89.7	90.3
\$25,000 - \$29,999	97.0	97.9	97.6	98.4	92.4	93.9	93.3	95.2
\$30,000 - \$34,999	97.8	98.5	98.3	98.8	92.1	95.1	96.6	97.4
\$35,000 - \$39,999	98.8	99.3	98.8	99.2	98.7	99.3	95.3	95.7
\$40,000 - \$49,999	99.2	99.5	99.4	99.5	98.0	98.4	97.5	97.5
\$50,000 - \$59,999	99.4	99.5	99.5	99.6	98.8	98.8	99.0	99.0
\$60,000 - \$74,999	99.5	99.6	99.7	99.7	96.5	97.3	98.9	98.9
\$75,000 +	99.5	99.8	99.6	99.9	96.7	96.7	96.7	98.8

PERCENTAGE OF FAMILIES WITH A TELEPHONE BY FAMILY INCOME - TABLE 1.4

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>NOVEMBER 90</b>								
TOTAL	93.3	95.1	94.7	96.2	83.2	87.2	83.0	85.4
UNDER \$5,000	75.5	81.2	79.9	84.8	64.2	72.2	63.9	68.5
\$5,000 - \$7,499	82.4	86.6	84.8	88.7	73.9	79.8	64.8	67.5
\$7,500 - \$9,999	86.1	90.0	88.4	91.3	77.7	85.6	74.0	77.1
\$10,000 - \$12,499	89.8	92.3	90.7	93.0	84.4	87.7	74.3	76.8
\$12,500 - \$14,999	91.5	93.8	92.3	94.5	85.9	89.0	82.5	85.5
\$15,000 - \$19,999	93.1	95.3	94.5	96.4	85.6	88.5	86.0	89.5
\$20,000 - \$24,999	96.0	97.4	96.4	97.9	92.5	93.6	89.0	91.2
\$25,000 - \$29,999	97.1	98.1	97.8	98.6	90.8	93.5	96.7	96.7
\$30,000 - \$34,999	97.8	98.6	98.2	98.9	93.3	95.7	94.6	95.7
\$35,000 - \$39,999	98.6	99.2	98.7	99.3	95.9	97.3	93.6	96.6
\$40,000 - \$49,999	99.1	99.5	99.1	99.4	99.5	99.7	97.0	97.0
\$50,000 - \$59,999	99.5	99.8	99.6	99.8	100.0	100.0	97.8	100.0
\$60,000 - \$74,999	99.3	99.6	99.2	99.6	99.2	99.2	97.4	98.5
\$75,000 +	99.5	99.8	99.5	99.8	99.1	99.1	98.7	100.0
<b>1990 ANNUAL AVERAGE</b>								
TOTAL	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
UNDER \$5,000	75.4	81.0	79.1	84.2	66.1	72.8	61.1	66.1
\$5,000 - \$7,499	82.6	86.8	84.9	88.8	74.9	80.1	66.7	70.6
\$7,500 - \$9,999	86.9	89.9	89.0	91.6	77.3	82.4	74.8	77.8
\$10,000 - \$12,499	88.9	91.7	90.2	92.8	81.9	85.5	74.1	77.1
\$12,500 - \$14,999	91.7	93.9	92.7	94.7	85.9	88.7	82.0	84.3
\$15,000 - \$19,999	93.3	95.3	94.2	96.0	87.7	91.0	85.1	88.6
\$20,000 - \$24,999	95.6	97.0	96.1	97.4	91.9	93.7	89.4	91.3
\$25,000 - \$29,999	97.0	98.0	97.7	98.5	90.9	93.2	94.2	95.5
\$30,000 - \$34,999	97.9	98.6	98.4	98.9	93.3	95.4	96.0	97.0
\$35,000 - \$39,999	98.7	99.3	98.8	99.4	97.0	98.0	94.1	96.3
\$40,000 - \$49,999	99.1	99.4	99.2	99.5	98.5	98.8	97.8	97.8
\$50,000 - \$59,999	99.4	99.6	99.5	99.7	98.7	98.7	97.5	98.2
\$60,000 - \$74,999	99.5	99.7	99.6	99.8	98.3	98.8	98.8	99.1
\$75,000 +	99.5	99.8	99.5	99.8	98.6	98.6	97.7	99.6

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>NOVEMBER 83</b>								
TOTAL HOUSEHOLDS	91.4	93.7	93.1	95.0	78.8	83.9	80.7	84.6
16-24 YRS OLD	76.6	84.1	80.2	86.2	49.9	68.2	64.9	71.9
25-54 YRS OLD	91.5	93.7	93.4	95.2	78.7	83.3	81.8	85.6
55-59 YRS OLD	95.0	96.1	96.1	97.0	86.3	88.5	89.3	89.3
60-64 YRS OLD	95.5	96.4	96.4	97.2	89.5	90.7	87.3	90.2
65-69 YRS OLD	95.5	96.2	96.5	97.0	87.2	89.0	90.7	90.7
70-99 YRS OLD	95.4	96.5	96.0	97.0	90.1	92.3	85.5	89.1
<b>MARCH 84</b>								
TOTAL HOUSEHOLDS	91.8	93.6	93.3	94.9	80.1	84.1	80.7	83.6
16-24 YRS OLD	77.8	84.0	80.3	85.5	57.9	71.5	59.0	66.2
25-54 YRS OLD	91.9	93.7	93.5	95.0	80.4	84.0	83.2	85.6
55-59 YRS OLD	94.9	95.9	95.7	96.6	87.6	89.9	88.7	90.5
60-64 YRS OLD	94.2	95.3	95.9	96.7	81.7	85.0	87.4	89.6
65-69 YRS OLD	96.1	96.6	97.0	97.4	87.8	89.3	85.8	87.8
70-99 YRS OLD	95.3	96.3	96.2	97.1	87.2	88.8	82.2	85.5
<b>JULY 84</b>								
TOTAL HOUSEHOLDS	91.6	93.8	93.2	95.0	80.5	85.3	81.1	84.6
16-24 YRS OLD	77.0	83.3	79.4	85.3	60.4	70.0	62.9	70.8
25-54 YRS OLD	91.7	93.8	93.4	95.1	79.8	84.9	83.1	85.8
55-59 YRS OLD	95.1	96.3	96.1	97.1	87.5	90.2	87.4	91.4
60-64 YRS OLD	95.0	96.2	95.8	96.9	87.7	89.5	88.1	90.5
65-69 YRS OLD	96.4	97.1	97.3	97.9	89.3	91.3	88.7	90.6
70-99 YRS OLD	95.2	96.5	95.9	96.9	89.6	93.1	84.0	88.5
<b>NOVEMBER 84</b>								
TOTAL HOUSEHOLDS	91.4	93.6	93.1	95.0	78.9	84.0	81.1	84.5
16-24 YRS OLD	76.1	83.4	79.0	85.4	56.3	70.8	60.8	70.8
25-54 YRS OLD	91.4	93.6	93.3	95.1	78.5	83.3	83.1	85.8
55-59 YRS OLD	94.9	96.2	96.3	97.5	84.7	87.4	85.3	88.3
60-64 YRS OLD	95.6	96.5	96.5	97.3	90.3	92.1	86.0	87.2
65-69 YRS OLD	96.0	96.7	97.1	97.6	86.7	89.1	96.2	96.2
70-99 YRS OLD	95.3	96.6	96.1	97.2	88.0	90.7	87.1	88.8

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1984 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	91.6	93.7	93.2	94.9	79.8	84.5	80.9	84.3
16-24 YRS OLD	77.0	83.6	79.6	85.4	58.2	70.8	60.9	69.2
25-54 YRS OLD	91.7	93.7	93.4	95.1	79.6	84.1	83.1	85.7
55-59 YRS OLD	94.9	96.1	96.1	97.1	86.6	89.2	87.1	90.1
60-64 YRS OLD	94.9	96.0	96.0	97.0	86.6	88.8	87.1	89.1
65-69 YRS OLD	96.2	96.8	97.1	97.6	87.9	89.9	90.2	91.5
70-99 YRS OLD	95.3	96.5	96.0	97.1	88.2	90.9	84.4	87.6
<b>MARCH 85</b>								
TOTAL HOUSEHOLDS	91.8	93.7	93.3	95.0	80.1	84.4	81.2	84.1
16-24 YRS OLD	77.3	83.1	79.6	84.8	59.8	70.0	62.4	67.1
25-54 YRS OLD	91.9	93.8	93.6	95.2	79.5	83.9	83.0	85.5
55-59 YRS OLD	94.9	95.9	95.8	96.7	87.3	89.1	86.5	89.1
60-64 YRS OLD	94.3	95.4	95.5	96.2	84.4	87.6	91.3	93.2
65-69 YRS OLD	96.1	97.0	96.8	97.5	90.7	93.6	86.5	90.4
70-99 YRS OLD	95.6	96.5	96.5	97.3	87.4	89.4	87.4	91.7
<b>JULY 85</b>								
TOTAL HOUSEHOLDS	91.8	93.9	93.2	95.0	81.6	85.8	80.3	83.3
16-24 YRS OLD	78.3	84.4	80.7	86.3	59.6	70.2	67.8	73.7
25-54 YRS OLD	91.8	93.9	93.3	95.1	81.4	85.8	81.0	83.6
55-59 YRS OLD	94.7	95.9	95.9	96.8	86.3	89.4	87.2	88.0
60-64 YRS OLD	95.0	95.9	95.5	96.4	91.1	91.8	85.5	88.3
65-69 YRS OLD	95.5	96.5	96.7	97.4	86.1	88.5	85.9	89.7
70-99 YRS OLD	95.6	96.8	96.2	97.3	90.8	92.4	87.6	90.5
<b>NOVEMBER 85</b>								
TOTAL HOUSEHOLDS	91.9	94.0	93.3	95.2	81.5	85.3	82.5	85.7
16-24 YRS OLD	78.0	83.9	80.6	86.3	60.7	68.1	64.3	71.6
25-54 YRS OLD	91.9	94.0	93.5	95.3	81.1	85.2	83.4	86.5
55-59 YRS OLD	95.0	96.2	95.7	96.8	90.0	91.4	88.4	90.6
60-64 YRS OLD	95.5	96.3	96.3	97.0	89.8	91.3	92.3	92.3
65-69 YRS OLD	96.1	97.0	97.0	97.7	88.0	90.8	95.1	95.1
70-99 YRS OLD	95.3	96.6	96.0	97.2	88.9	90.5	87.8	90.4

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1985 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	91.8	93.9	93.3	95.0	81.1	85.2	81.3	84.4
16-24 YRS OLD	77.9	83.8	80.3	85.8	60.0	69.4	64.8	70.8
25-54 YRS OLD	91.9	93.9	93.5	95.2	80.7	85.0	82.5	85.2
55-59 YRS OLD	94.9	96.0	95.8	96.8	87.8	90.0	87.4	89.2
60-64 YRS OLD	94.9	95.9	95.8	96.5	88.4	90.2	89.7	91.3
65-69 YRS OLD	95.9	96.8	96.8	97.5	88.2	90.9	89.1	91.7
70-99 YRS OLD	95.5	96.6	96.2	97.3	89.1	90.7	87.6	90.9
<b>MARCH 86</b>								
TOTAL HOUSEHOLDS	92.2	93.9	93.6	95.0	82.0	85.8	81.5	83.9
16-24 YRS OLD	78.1	82.9	80.6	84.7	58.2	69.0	60.1	63.8
25-54 YRS OLD	92.3	93.9	93.8	95.1	82.1	85.6	83.1	85.3
55-59 YRS OLD	95.2	96.3	96.1	97.0	87.8	90.6	86.8	90.3
60-64 YRS OLD	95.5	96.2	96.2	96.9	89.0	90.5	92.4	92.4
65-69 YRS OLD	95.7	96.7	96.6	97.4	87.2	89.8	94.1	95.1
70-99 YRS OLD	95.9	97.0	96.4	97.5	91.2	93.0	93.1	96.2
<b>JULY 86</b>								
TOTAL HOUSEHOLDS	92.2	94.0	93.7	95.2	81.5	85.7	81.1	83.6
16-24 YRS OLD	79.7	85.4	82.0	86.7	63.8	76.6	64.1	69.7
25-54 YRS OLD	92.1	93.9	93.8	95.3	80.4	84.4	83.0	85.1
55-59 YRS OLD	95.0	96.0	96.0	96.9	87.9	90.0	86.0	87.1
60-64 YRS OLD	95.3	96.2	95.9	96.6	90.9	92.9	81.8	85.1
65-69 YRS OLD	95.7	96.5	96.7	97.4	87.8	89.4	91.4	92.6
70-99 YRS OLD	95.8	96.5	96.4	97.1	90.6	91.8	85.3	86.1
<b>NOVEMBER 86</b>								
TOTAL HOUSEHOLDS	92.4	94.4	93.8	95.5	81.3	86.1	81.6	84.7
16-24 YRS OLD	79.4	84.7	81.9	86.3	57.5	71.1	65.9	68.8
25-54 YRS OLD	92.2	94.3	93.9	95.6	80.8	85.5	82.6	86.0
55-59 YRS OLD	95.3	96.6	96.1	97.0	88.3	93.2	90.1	93.8
60-64 YRS OLD	95.4	96.2	96.6	97.4	86.7	87.8	93.2	93.6
65-69 YRS OLD	96.0	96.9	96.7	97.5	90.2	92.5	85.7	88.0
70-99 YRS OLD	96.4	97.3	96.8	97.7	92.2	93.9	84.1	86.9



PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1986 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	92.3	94.1	93.7	95.2	81.6	85.9	81.4	84.1
16-24 YRS OLD	79.0	84.4	81.5	85.9	59.8	72.2	63.4	67.4
25-54 YRS OLD	92.2	94.0	93.8	95.3	81.1	85.2	82.9	85.5
55-59 YRS OLD	95.2	96.3	96.1	97.0	88.0	91.3	87.6	90.4
60-64 YRS OLD	95.4	96.2	96.2	97.0	88.9	90.4	89.1	90.3
65-69 YRS OLD	95.8	96.7	96.7	97.4	88.4	90.6	90.4	91.9
70-99 YRS OLD	96.0	97.0	96.5	97.4	91.3	92.9	87.5	89.8
<b>MARCH 87</b>								
TOTAL HOUSEHOLDS	92.5	94.3	93.9	95.4	82.2	85.7	84.1	86.5
16-24 YRS OLD	79.7	85.5	81.9	87.0	64.3	73.8	68.1	75.1
25-54 YRS OLD	92.6	94.2	94.1	95.5	81.7	85.3	85.1	87.0
55-59 YRS OLD	95.0	96.1	96.4	97.0	85.0	88.6	87.4	90.5
60-64 YRS OLD	95.6	96.4	96.5	97.2	87.6	89.8	92.6	92.6
65-69 YRS OLD	95.6	96.2	96.5	97.0	87.9	89.2	89.4	89.4
70-99 YRS OLD	95.8	97.0	96.3	97.5	91.4	92.3	95.3	96.1
<b>JULY 87</b>								
TOTAL HOUSEHOLDS	92.3	94.2	93.7	95.3	82.0	86.0	83.1	85.2
16-24 YRS OLD	78.2	83.3	81.2	85.7	57.6	67.2	66.2	69.7
25-54 YRS OLD	92.1	94.2	93.6	95.3	81.9	86.2	84.2	86.1
55-59 YRS OLD	95.4	96.2	96.5	97.2	87.1	89.8	90.8	92.4
60-64 YRS OLD	95.8	96.4	96.7	97.2	88.5	90.2	91.1	93.7
65-69 YRS OLD	96.5	97.2	97.5	98.1	88.9	90.2	87.5	87.5
70-99 YRS OLD	96.0	96.9	96.4	97.3	93.4	94.1	88.8	91.6
<b>NOVEMBER 87</b>								
TOTAL HOUSEHOLDS	92.3	94.3	93.8	95.4	81.2	85.9	81.9	84.6
16-24 YRS OLD	78.9	84.4	81.0	85.5	63.6	76.0	61.3	67.8
25-54 YRS OLD	92.1	94.2	93.9	95.5	80.4	85.1	83.9	86.4
55-59 YRS OLD	95.3	96.4	96.3	97.3	88.9	90.3	89.1	89.3
60-64 YRS OLD	95.7	96.5	96.7	97.4	88.0	90.5	89.0	89.9
65-69 YRS OLD	95.7	96.6	97.0	97.6	84.6	88.4	89.6	89.6
70-99 YRS OLD	96.3	97.3	96.8	97.7	90.8	92.7	90.7	91.7

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1987 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	92.4	94.2	93.8	95.4	81.8	85.9	83.0	85.4
16-24 YRS OLD	78.9	84.4	81.4	86.1	61.8	72.3	65.2	70.8
25-54 YRS OLD	92.3	94.2	93.9	95.4	81.4	85.5	84.4	86.5
55-59 YRS OLD	95.2	96.2	96.4	97.2	87.0	89.6	89.1	90.7
60-64 YRS OLD	95.7	96.4	96.6	97.3	88.0	90.2	90.9	92.0
65-69 YRS OLD	95.9	96.7	97.0	97.5	87.1	89.3	88.8	88.8
70-99 YRS OLD	96.0	97.0	96.5	97.5	91.9	93.0	91.6	93.1
<b>MARCH 88</b>								
TOTAL HOUSEHOLDS	92.9	94.6	94.2	95.7	82.7	86.3	82.6	85.7
16-24 YRS OLD	81.2	85.7	83.3	87.2	67.3	75.1	66.1	72.7
25-54 YRS OLD	92.8	94.4	94.3	95.7	81.2	84.9	83.9	86.5
55-59 YRS OLD	95.5	97.0	96.4	97.7	89.1	92.4	91.7	94.1
60-64 YRS OLD	95.4	96.4	96.4	97.2	87.7	90.8	85.3	88.4
65-69 YRS OLD	96.3	96.9	96.8	97.3	91.3	93.1	84.5	87.4
70-99 YRS OLD	95.8	97.3	96.2	97.7	92.7	94.0	91.2	93.5
<b>JULY 88</b>								
TOTAL HOUSEHOLDS	92.8	94.6	94.1	95.6	83.8	87.6	83.0	86.4
16-24 YRS OLD	80.6	85.5	82.6	87.1	65.6	73.8	67.0	73.4
25-54 YRS OLD	92.6	94.5	94.0	95.5	83.5	87.6	84.1	87.4
55-59 YRS OLD	94.4	95.7	95.8	97.0	85.7	87.6	88.6	89.1
60-64 YRS OLD	95.3	96.2	96.2	97.0	88.3	89.7	85.6	89.8
65-69 YRS OLD	96.7	97.4	97.5	97.9	89.6	93.2	92.9	93.9
70-99 YRS OLD	96.6	97.5	97.1	98.1	92.7	93.9	92.4	92.9
<b>NOVEMBER 88</b>								
TOTAL HOUSEHOLDS	92.5	94.4	93.9	95.5	82.5	86.6	80.8	83.4
16-24 YRS OLD	78.7	84.2	81.0	86.1	63.9	71.6	58.9	66.5
25-54 YRS OLD	92.4	94.4	93.9	95.5	82.0	86.4	82.5	84.4
55-59 YRS OLD	95.5	96.5	96.1	96.9	90.3	92.9	85.2	86.3
60-64 YRS OLD	95.1	96.1	96.2	97.0	86.6	89.2	91.1	91.7
65-69 YRS OLD	96.3	97.1	97.3	98.0	87.9	89.7	91.2	92.2
70-99 YRS OLD	96.3	97.6	96.8	98.1	91.5	93.7	93.0	96.4

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1988 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	92.7	94.5	94.1	95.6	83.0	86.8	82.1	85.1
16-24 YRS OLD	80.2	85.1	82.3	86.8	65.6	73.5	64.0	70.9
25-54 YRS OLD	92.6	94.4	94.1	95.6	82.2	86.3	83.5	86.1
55-59 YRS OLD	95.1	96.4	96.1	97.2	88.3	91.0	88.5	89.9
60-64 YRS OLD	95.3	96.2	96.3	97.0	87.6	89.9	87.3	90.0
65-69 YRS OLD	96.4	97.1	97.2	97.7	89.6	92.0	89.6	91.2
70-99 YRS OLD	96.2	97.5	96.7	97.9	92.3	93.9	92.2	94.3
<b>MARCH 89</b>								
TOTAL HOUSEHOLDS	93.0	94.7	94.4	95.8	83.2	86.9	81.9	84.8
16-24 YRS OLD	82.2	86.6	84.5	88.3	66.6	75.5	65.6	70.6
25-54 YRS OLD	92.8	94.5	94.3	95.7	82.2	86.2	83.2	86.2
55-59 YRS OLD	95.6	96.6	96.5	97.4	90.0	91.6	89.8	90.0
60-64 YRS OLD	95.7	96.8	96.5	97.4	90.4	92.6	85.2	85.6
65-69 YRS OLD	96.7	97.2	97.3	97.7	92.1	92.9	85.8	89.7
70-99 YRS OLD	96.0	96.9	96.7	97.6	90.5	91.2	86.0	87.8
<b>JULY 89</b>								
TOTAL HOUSEHOLDS	93.3	95.0	94.6	96.0	83.9	87.9	83.5	86.5
16-24 YRS OLD	80.3	85.7	82.8	87.6	65.7	74.8	69.4	77.3
25-54 YRS OLD	93.0	94.8	94.3	95.9	83.3	87.5	83.7	86.6
55-59 YRS OLD	95.1	96.3	96.0	97.1	88.8	91.1	88.4	88.8
60-64 YRS OLD	95.3	96.3	96.2	97.0	87.7	91.2	89.5	89.5
65-69 YRS OLD	96.1	97.0	96.8	97.5	90.1	92.8	87.3	89.4
70-99 YRS OLD	96.5	97.5	97.2	98.1	90.6	92.3	89.2	92.3
<b>NOVEMBER 1989</b>								
TOTAL HOUSEHOLDS	93.0	94.9	94.6	96.0	82.5	86.5	83.5	86.8
16-24 YRS OLD	79.0	85.5	81.4	87.1	63.7	75.2	59.3	69.1
25-54 YRS OLD	92.5	94.4	94.1	95.7	81.2	85.4	83.8	86.7
55-59 YRS OLD	95.6	96.6	96.8	97.6	87.2	89.5	92.3	94.7
60-64 YRS OLD	96.2	96.9	97.1	97.7	89.5	90.9	94.6	95.0
65-69 YRS OLD	96.1	96.9	97.1	97.9	88.6	90.1	93.3	93.8
70-99 YRS OLD	96.8	97.7	97.5	98.2	92.2	94.4	94.2	95.8

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1989 ANNUAL AVERAGE</b>								
TOTAL HOUSEHOLDS	93.1	94.9	94.5	95.9	83.2	87.1	83.0	86.0
16-24 YRS OLD	80.5	85.9	82.9	87.7	65.3	75.2	64.8	72.3
25-54 YRS OLD	92.7	94.6	94.3	95.8	82.2	86.4	83.6	86.5
55-59 YRS OLD	95.4	96.5	96.4	97.4	88.7	90.7	90.1	91.2
60-64 YRS OLD	95.7	96.7	96.6	97.3	89.2	91.6	89.8	90.0
65-69 YRS OLD	96.3	97.0	97.1	97.7	90.3	91.9	88.8	91.0
70-99 YRS OLD	96.4	97.4	97.1	97.9	91.1	92.6	89.8	92.0
<b>MARCH 90</b>								
TOTAL HOUSEHOLDS	93.3	95.0	94.6	96.1	83.8	87.1	81.8	84.9
16-24 YRS OLD	82.2	86.7	84.5	88.5	67.2	75.5	67.3	72.3
25-54 YRS OLD	92.6	94.5	94.1	95.7	83.0	86.4	80.8	84.2
55-59 YRS OLD	95.3	96.2	96.7	97.5	84.9	87.0	90.8	91.4
60-64 YRS OLD	96.3	97.0	97.2	97.6	90.6	92.9	90.7	90.7
65-69 YRS OLD	96.1	97.1	96.9	97.8	90.7	91.8	87.4	91.4
70-99 YRS OLD	96.7	97.6	97.1	98.0	91.9	93.4	94.7	94.7
<b>JULY 90</b>								
TOTAL HOUSEHOLDS	93.3	94.9	94.6	96.0	83.6	86.7	83.4	85.5
16-24 YRS OLD	80.6	86.3	83.6	88.7	63.8	73.1	69.8	76.5
25-54 YRS OLD	92.6	94.3	94.1	95.5	82.6	86.0	83.1	85.0
55-59 YRS OLD	95.4	96.5	96.3	97.4	88.9	90.7	89.5	90.7
60-64 YRS OLD	96.0	96.9	96.9	97.7	89.5	90.7	89.7	89.7
65-69 YRS OLD	96.0	96.6	96.8	97.4	89.0	90.0	88.6	89.3
70-99 YRS OLD	97.1	97.8	97.6	98.3	92.6	93.3	91.6	92.8
<b>NOVEMBER 90</b>								
TOTAL HOUSEHOLDS	93.3	95.1	94.7	96.2	83.2	87.2	83.0	85.4
16-24 YRS OLD	80.8	86.3	82.5	87.6	68.1	77.5	66.4	71.6
25-54 YRS OLD	92.5	94.5	94.2	95.9	81.5	85.8	82.2	84.7
55-59 YRS OLD	95.5	96.6	96.6	97.4	88.2	91.3	89.5	89.9
60-64 YRS OLD	96.3	96.9	97.2	97.6	88.9	91.2	91.5	92.8
65-69 YRS OLD	96.8	97.6	97.4	98.1	92.5	93.4	96.0	96.8
70-99 YRS OLD	96.9	97.9	97.6	98.5	91.2	93.4	93.4	95.0

PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY HOUSEHOLDER'S AGE - TABLE 1.5

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>1990 ANNUAL AVERAGE</b>								
<b>TOTAL HOUSEHOLDS</b>	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
<b>16-24 YRS OLD</b>	81.2	86.5	83.6	88.2	66.4	75.3	67.8	73.5
<b>25-54 YRS OLD</b>	92.6	94.5	94.1	95.7	82.4	86.1	82.0	84.6
<b>55-59 YRS OLD</b>	95.4	96.4	96.5	97.4	87.3	89.6	89.9	90.7
<b>60-64 YRS OLD</b>	96.2	96.9	97.1	97.6	89.7	91.6	90.6	91.1
<b>65-69 YRS OLD</b>	96.3	97.1	97.0	97.8	90.7	91.7	90.7	92.5
<b>70-99 YRS OLD</b>	96.9	97.8	97.4	98.3	91.9	93.3	93.2	94.1

PERCENTAGE OF PERSONS WITH A TELEPHONE BY LABOR FORCE STATUS - TABLE 1.6

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>NOVEMBER 83</b>								
TOTAL CNP	92.8	94.5	94.1	95.6	82.7	86.6	83.4	86.5
EMPLOYED	94.1	95.9	95.0	96.6	85.7	89.8	86.3	89.6
UNEMPLOYED	82.5	86.5	84.8	88.1	74.6	81.2	76.6	79.9
NOT IN LABOR FORCE	92.1	93.4	93.8	94.9	80.8	83.7	80.4	83.0
<b>MARCH 84</b>								
TOTAL CNP	93.0	94.5	94.2	95.5	83.5	86.7	83.3	85.7
EMPLOYED	94.5	95.9	95.3	96.5	87.6	90.8	87.1	89.3
UNEMPLOYED	82.0	85.7	83.8	87.1	75.5	80.3	73.3	76.1
NOT IN LABOR FORCE	92.0	93.3	93.8	94.9	80.2	82.7	79.6	82.1
<b>JULY 84</b>								
TOTAL CNP	92.8	94.5	94.1	95.5	83.1	87.1	82.7	85.7
EMPLOYED	93.9	95.6	94.9	96.3	85.6	89.6	84.8	87.8
UNEMPLOYED	81.2	84.8	83.7	86.6	73.9	79.7	74.0	78.2
NOT IN LABOR FORCE	92.4	93.8	93.9	95.1	82.1	85.7	80.8	83.5
<b>NOVEMBER 84</b>								
TOTAL CNP	92.6	94.4	94.1	95.5	82.0	86.2	82.9	85.5
EMPLOYED	93.8	95.6	94.8	96.4	84.7	89.1	85.1	87.8
UNEMPLOYED	81.8	85.6	84.3	87.3	74.7	80.8	74.7	77.8
NOT IN LABOR FORCE	92.0	93.4	93.8	95.0	79.8	83.2	80.6	82.9
<b>1984 ANNUAL AVERAGE</b>								
TOTAL CNP	92.8	94.5	94.1	95.5	82.9	86.7	83.0	85.6
EMPLOYED	94.0	95.7	95.0	96.4	85.9	89.8	85.7	88.3
UNEMPLOYED	81.7	85.3	84.0	87.0	74.7	80.2	74.0	77.4
NOT IN LABOR FORCE	92.1	93.5	93.8	95.0	80.7	83.9	80.3	82.8
<b>MARCH 85</b>								
TOTAL CNP	93.0	94.5	94.2	95.5	83.5	86.8	83.3	85.4
EMPLOYED	94.3	95.8	95.1	96.4	87.1	90.2	85.1	87.4
UNEMPLOYED	82.9	86.0	84.6	87.1	76.1	81.3	72.6	75.1
NOT IN LABOR FORCE	92.1	93.5	93.8	94.9	80.2	83.4	82.5	84.3
<b>JULY 85</b>								
TOTAL CNP	92.9	94.6	94.0	95.5	84.5	87.9	82.9	85.0
EMPLOYED	94.0	95.8	94.8	96.4	87.4	90.6	84.5	86.5
UNEMPLOYED	83.6	87.3	85.5	88.7	78.0	83.0	77.9	80.7
NOT IN LABOR FORCE	92.2	93.6	93.6	94.8	82.0	85.1	81.1	83.5

PERCENTAGE OF PERSONS WITH A TELEPHONE BY LABOR FORCE STATUS - TABLE 1.6

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail		
<b>NOVEMBER 85</b>								
TOTAL CNP	93.1	94.7	94.3	95.7	84.4	87.4	84.2	86.9
EMPLOYED	94.4	96.0	95.2	96.6	87.5	90.5	85.8	88.7
UNEMPLOYED	80.5	84.3	82.4	86.0	74.9	79.0	70.9	74.9
NOT IN LABOR FORCE	92.3	93.7	93.9	95.1	82.2	85.1	84.2	86.0
<b>1985 ANNUAL AVERAGE</b>								
TOTAL CNP	93.0	94.6	94.2	95.6	84.1	87.4	83.5	85.8
EMPLOYED	94.2	95.8	95.0	96.5	87.3	90.4	85.1	87.5
UNEMPLOYED	82.3	85.8	84.2	87.3	76.3	81.1	73.8	76.9
NOT IN LABOR FORCE	92.2	93.6	93.8	94.9	81.5	84.5	82.6	84.6
<b>MARCH 86</b>								
TOTAL CNP	93.4	94.7	94.5	95.6	84.9	87.8	83.4	85.1
EMPLOYED	94.6	95.8	95.4	96.4	88.3	91.0	85.1	86.9
UNEMPLOYED	82.7	86.1	85.1	88.0	74.6	80.2	73.6	75.3
NOT IN LABOR FORCE	92.7	93.8	94.2	95.1	82.4	85.0	82.5	84.1
<b>JULY 86</b>								
TOTAL CNP	93.4	94.8	94.6	95.7	84.4	87.9	83.2	85.1
EMPLOYED	94.8	96.1	95.6	96.8	87.3	90.9	85.4	87.3
UNEMPLOYED	82.2	85.9	84.1	87.4	75.7	80.8	79.0	80.1
NOT IN LABOR FORCE	92.3	93.6	93.8	94.8	82.3	85.2	79.9	82.2
<b>NOVEMBER 86</b>								
TOTAL CNP	93.4	95.1	94.6	95.9	84.5	88.5	83.4	86.1
EMPLOYED	94.6	96.2	95.4	96.7	87.7	91.4	85.4	87.9
UNEMPLOYED	81.9	86.0	84.2	87.6	74.1	81.0	73.3	79.2
NOT IN LABOR FORCE	92.8	94.2	94.3	95.4	82.3	85.9	81.7	84.0
<b>1986 ANNUAL AVERAGE</b>								
TOTAL CNP	93.4	94.8	94.6	95.8	84.6	88.1	83.3	85.4
EMPLOYED	94.7	96.1	95.5	96.6	87.7	91.1	85.3	87.4
UNEMPLOYED	82.3	86.0	84.5	87.6	74.8	80.7	75.3	78.2
NOT IN LABOR FORCE	92.6	93.9	94.1	95.1	82.3	85.4	81.4	83.4
<b>MARCH 87</b>								
TOTAL CNP	93.6	95.0	94.8	95.9	85.0	87.9	85.5	87.3
EMPLOYED	94.8	96.1	95.6	96.7	88.6	91.1	86.7	88.6
UNEMPLOYED	84.1	87.1	86.7	89.3	75.5	80.1	82.8	84.9
NOT IN LABOR FORCE	92.8	94.0	94.3	95.2	82.0	85.2	83.9	85.5

PERCENTAGE OF PERSONS WITH A TELEPHONE BY LABOR FORCE STATUS - TABLE 1.6

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>JULY 87</b>								
TOTAL CNP	93.4	94.9	94.6	95.8	85.2	88.4	84.5	86.3
EMPLOYED	94.4	96.0	95.3	96.6	87.4	90.7	86.4	88.2
UNEMPLOYED	83.9	87.3	85.9	89.1	77.5	82.1	77.1	80.5
NOT IN LABOR FORCE	92.7	93.7	94.1	94.9	83.3	86.1	82.1	83.6
<b>NOVEMBER 87</b>								
TOTAL CNP	93.4	94.9	94.6	95.9	84.1	87.9	83.5	85.7
EMPLOYED	94.6	96.1	95.4	96.7	87.8	91.2	85.8	88.1
UNEMPLOYED	80.0	83.8	83.3	86.3	69.2	75.6	71.2	73.5
NOT IN LABOR FORCE	92.6	94.0	94.3	95.3	81.2	85.1	81.6	83.3
<b>1987 ANNUAL AVERAGE</b>								
TOTAL CNP	93.5	94.9	94.7	95.9	84.7	88.1	84.5	86.4
EMPLOYED	94.6	96.1	95.4	96.7	87.9	91.0	86.3	88.3
UNEMPLOYED	82.7	86.1	85.3	88.2	74.0	79.3	77.0	79.6
NOT IN LABOR FORCE	92.7	93.9	94.2	95.2	82.2	85.5	82.5	84.1
<b>MARCH 88</b>								
TOTAL CNP	93.8	95.2	95.0	96.2	84.8	87.7	83.8	86.4
EMPLOYED	95.2	96.4	95.9	97.0	88.5	91.3	86.5	88.8
UNEMPLOYED	83.2	86.2	86.0	88.6	74.2	78.8	74.6	77.6
NOT IN LABOR FORCE	92.6	94.0	94.2	95.4	81.5	84.3	80.4	83.5
<b>JULY 88</b>								
TOTAL CNP	93.9	95.3	94.9	96.1	86.5	89.6	84.9	87.5
EMPLOYED	94.8	96.2	95.6	96.8	88.8	91.8	86.3	89.0
UNEMPLOYED	84.5	88.1	87.3	90.0	76.7	82.9	78.1	81.3
NOT IN LABOR FORCE	93.0	94.4	94.3	95.5	84.7	87.3	83.3	85.7
<b>NOVEMBER 88</b>								
TOTAL CNP	93.6	95.1	94.7	96.0	85.5	88.8	82.2	84.4
EMPLOYED	94.6	96.1	95.4	96.6	88.2	91.4	83.4	85.4
UNEMPLOYED	82.1	86.0	84.4	88.1	75.4	79.7	77.5	81.7
NOT IN LABOR FORCE	92.9	94.3	94.3	95.5	83.0	86.4	80.7	82.8
<b>1988 ANNUAL AVERAGE</b>								
TOTAL CNP	93.8	95.2	94.9	96.1	85.6	88.7	83.6	86.1
EMPLOYED	94.9	96.2	95.6	96.8	88.5	91.5	85.4	87.7
UNEMPLOYED	83.3	86.8	85.9	88.9	75.4	80.5	76.7	80.3
NOT IN LABOR FORCE	92.8	94.2	94.3	95.5	83.1	86.0	81.5	84.0



PERCENTAGE OF PERSONS WITH A TELEPHONE BY LABOR FORCE STATUS - TABLE 1.6

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>MARCH 89</b>								
TOTAL CNP	94.0	95.3	95.2	96.3	85.5	88.5	83.9	85.9
EMPLOYED	95.1	96.4	95.9	97.0	88.3	91.3	85.6	87.8
UNEMPLOYED	83.6	86.4	86.4	88.5	75.9	81.0	72.0	73.3
NOT IN LABOR FORCE	93.0	94.2	94.7	95.6	83.1	85.7	82.2	84.0
<b>JULY 89</b>								
TOTAL CNP	94.3	95.7	95.3	96.4	86.8	90.0	85.2	87.6
EMPLOYED	95.4	96.7	96.1	97.3	89.6	92.6	87.8	90.3
UNEMPLOYED	84.7	87.5	86.4	88.6	79.4	84.0	75.2	78.1
NOT IN LABOR FORCE	93.1	94.4	94.5	95.6	83.6	86.7	82.0	84.0
<b>NOVEMBER 89</b>								
TOTAL CNP	94.0	95.5	95.3	96.5	85.2	88.6	85.0	87.6
EMPLOYED	95.1	96.4	95.9	97.1	88.5	91.3	86.4	88.9
UNEMPLOYED	83.3	87.6	85.9	89.3	75.7	82.6	78.0	84.5
NOT IN LABOR FORCE	93.1	94.5	94.9	95.9	81.8	85.4	83.6	85.6
<b>1989 ANNUAL AVERAGE</b>								
TOTAL CNP	94.1	95.5	95.3	96.4	85.8	89.0	84.7	87.0
EMPLOYED	95.2	96.5	96.0	97.1	88.8	91.7	86.6	89.0
UNEMPLOYED	83.9	87.1	86.2	88.8	77.0	82.5	75.1	78.6
NOT IN LABOR FORCE	93.1	94.4	94.7	95.7	82.8	85.9	82.6	84.6
<b>MARCH 90</b>								
TOTAL CNP	94.2	95.6	95.3	96.5	86.1	88.7	83.9	86.5
EMPLOYED	95.3	96.6	96.0	97.2	89.5	91.5	85.5	88.4
UNEMPLOYED	83.9	87.3	87.3	89.9	71.6	77.6	74.3	78.0
NOT IN LABOR FORCE	93.3	94.6	94.8	95.8	83.4	86.3	82.6	84.2
<b>JULY 90</b>								
TOTAL CNP	94.1	95.4	95.2	96.3	86.3	88.6	84.6	86.4
EMPLOYED	95.3	96.6	96.0	97.1	89.5	91.8	86.3	88.1
UNEMPLOYED	85.7	87.9	88.4	90.3	76.9	80.3	79.6	81.5
NOT IN LABOR FORCE	92.7	94.0	94.2	95.3	83.2	85.3	82.1	83.5
<b>NOVEMBER 1990</b>								
TOTAL CNP	94.2	95.6	95.4	96.6	86.0	89.0	84.9	86.8
EMPLOYED	95.4	96.7	96.2	97.3	89.1	92.0	87.1	88.8
UNEMPLOYED	85.4	88.8	87.9	91.0	77.6	82.0	77.1	81.7
NOT IN LABOR FORCE	93.2	94.5	94.8	95.8	83.0	85.9	82.5	84.1

PERCENTAGE OF PERSONS WITH A TELEPHONE BY LABOR FORCE STATUS - TABLE 1.6

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
<b>1990 ANNUAL AVERAGE</b>								
TOTAL CNP	94.2	95.5	95.3	96.5	86.1	88.8	84.5	86.6
EMPLOYED	95.3	96.6	96.0	97.2	89.4	91.8	86.3	88.4
UNEMPLOYED	85.0	88.0	87.9	90.4	75.3	80.0	77.0	80.4
NOT IN LABOR FORCE	93.0	94.3	94.6	95.6	83.2	85.8	82.4	84.1

CHART 1.2  
Telephone Penetration

Individual Adults

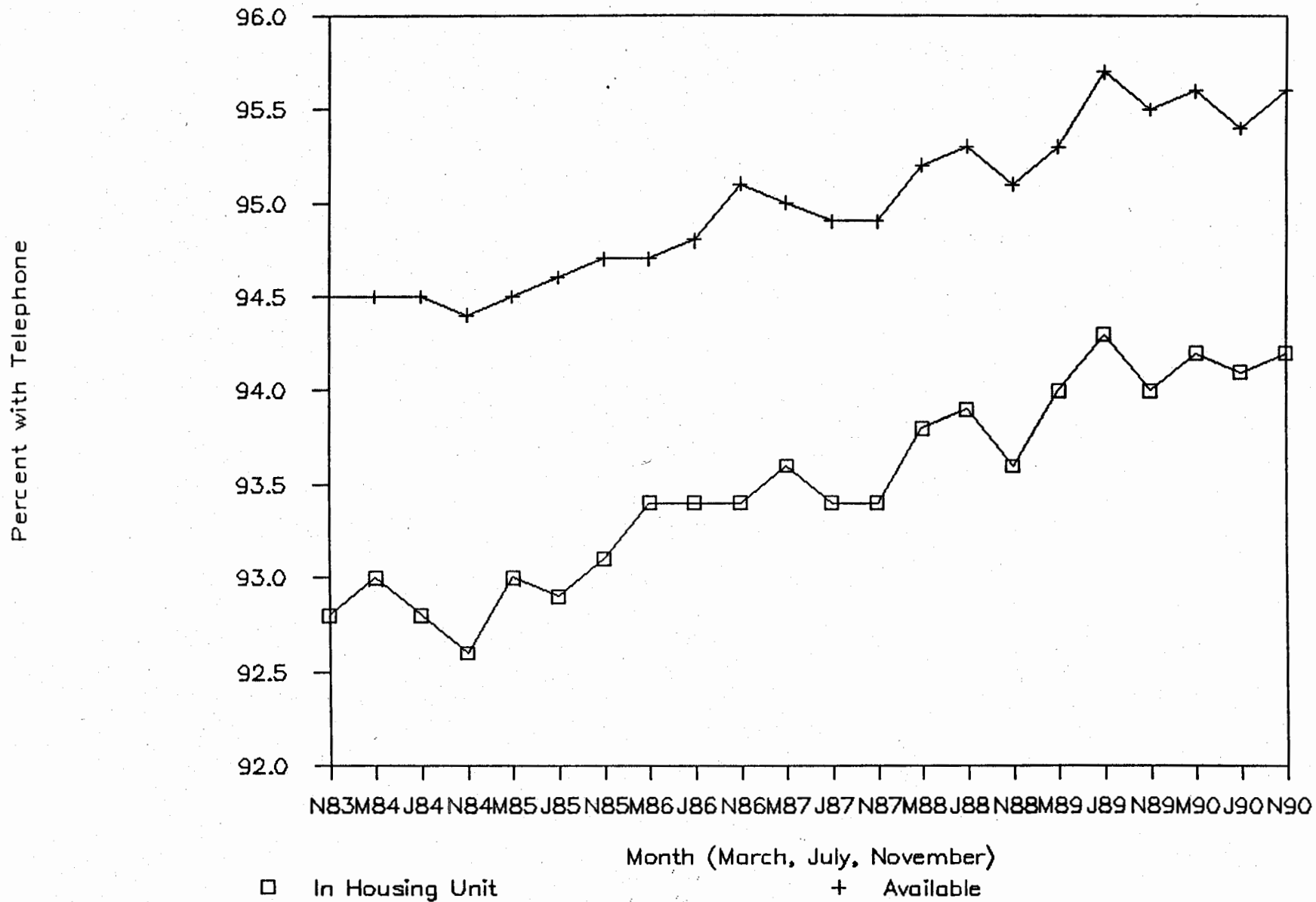


TABLE 1.7

## Critical Values for Determining Significant Differences for States

<u>State</u>	<u>In Unit</u>	<u>Available</u>
Total US	0.5%	0.5%
Alabama	3.6	3.4
Alaska	5.2	4.5
Arizona	4.5	4.4
Arkansas	5.8	4.8
California	1.6	1.4
Colorado	3.3	3.0
Connecticut	2.8	1.8
Delaware	3.2	2.7
Dist. of Columbia	3.8	2.8
Florida	2.9	2.7
Georgia	5.0	4.5
Hawaii	2.7	2.0
Idaho	4.1	3.4
Illinois	2.1	1.8
Indiana	3.3	2.7
Iowa	3.0	2.3
Kansas	2.5	2.3
Kentucky	5.3	4.8
Louisiana	4.3	3.8
Maine	3.8	3.3
Maryland	3.2	2.7
Massachusetts	2.5	2.3
Michigan	2.6	2.2
Minnesota	2.6	2.4
Mississippi	5.0	4.6
Missouri	3.5	2.9
Montana	5.3	4.3
Nebraska	3.3	3.0
Nevada	5.0	4.3
New Hampshire	4.0	3.3
New Jersey	2.4	2.1
New Mexico	5.7	4.5
New York	2.1	1.8
North Carolina	3.9	3.4
North Dakota	3.8	3.5
Ohio	2.2	1.9
Oklahoma	3.9	3.6
Oregon	3.5	3.0
Pennsylvania	1.6	1.3
Rhode Island	3.0	2.5

TABLE 1.7 (cont.)

<u>State</u>	<u>In Unit</u>	<u>Available</u>
South Carolina	6.1	5.3
South Dakota	3.7	3.5
Tennessee	4.9	4.3
Texas	2.6	2.3
Utah	4.6	4.6
Vermont	5.3	4.6
Virginia	4.0	3.4
Washington	4.1	3.9
West Virginia	4.4	3.9
Wisconsin	3.1	3.0
Wyoming	4.6	3.9

TABLE 1.8

Critical Values for Determining Significant Differences for Household Size

	ALL RACES		WHITE		BLACK		HISPANIC	
	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>
Total	0.5%	0.5%	0.5%	0.5%	2.2%	1.9%	4.8%	4.4%
1 Person	1.1%	0.9%	1.1%	1.0%	4.0%	3.6%	11.2%	10.7%
2 - 3	0.8%	0.7%	0.8%	0.7%	3.4%	3.0%	7.5%	6.9%
4 - 5	1.1%	1.0%	1.2%	1.0%	4.7%	4.1%	8.9%	8.1%
6 +	2.6%	2.2%	2.8%	2.4%	8.0%	7.1%	14.3%	12.9%

TABLE 1.9

## Critical Values for Determining Significant Differences for Income

	ALL RACES		WHITE		BLACK		HISPANIC	
	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>	<u>In Unit</u>	<u>Avail- able</u>
Total	0.5%	0.5%	0.5%	0.5%	2.2%	1.9%	4.8%	4.4%
Under \$5,000	1.3%	1.2%	1.5%	1.4%	3.4%	3.2%	8.9%	8.6%
\$5,000 - \$7,499	1.7%	1.5%	1.8%	1.6%	5.5%	5.0%	11.3%	10.6%
\$7,500 - \$9,999	1.9%	1.7%	2.0%	1.8%	7.2%	6.4%	14.1%	13.2%
\$10,000 - \$12,499	1.9%	1.6%	1.9%	1.7%	7.2%	6.4%	15.8%	14.6%
\$12,500 - \$14,999	2.1%	1.8%	2.1%	1.8%	8.6%	7.6%	18.2%	16.8%
\$15,000 - \$17,499	2.2%	1.9%	2.2%	2.0%	9.2%	8.2%	19.8%	18.0%
\$17,500 - \$19,999	2.3%	2.0%	2.3%	2.0%	10.7%	9.3%	20.5%	18.6%
\$20,000 - \$24,999	1.7%	1.5%	1.7%	1.5%	9.0%	7.8%	16.7%	15.1%
\$25,000 - \$29,999	1.9%	1.7%	1.9%	1.6%	10.9%	9.4%	21.9%	19.8%
\$30,000 - \$34,999	2.0%	1.8%	2.0%	1.7%	12.5%	10.7%	24.8%	22.1%
\$35,000 - \$39,999	2.4%	2.1%	2.4%	2.0%	15.5%	13.2%	28.5%	25.5%
\$40,000 - \$49,999	2.2%	1.9%	2.1%	1.8%	15.1%	12.8%	28.9%	25.7%
\$50,000 - \$74,999	2.3%	1.9%	2.2%	1.9%	16.3%	13.8%	32.1%	28.6%
\$75,000 +	3.5%	3.0%	3.3%	2.8%	44.5%	37.9%	54.3%	48.8%

TABLE 1.10

Critical Values for Determining Significant Differences for Householder Age

	ALL RACES		WHITE		BLACK		HISPANIC	
	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>
Total Households	0.5%	0.5%	0.5%	0.5%	2.2%	1.9%	4.8%	4.4%
16 - 24 Yrs old	1.6%	1.4%	1.6%	1.5%	5.6%	5.5%	10.5%	10.2%
25 - 54 Yrs old	0.7%	0.6%	0.7%	0.6%	2.7%	2.4%	5.9%	5.4%
55 - 59 Yrs old	2.1%	1.8%	2.1%	1.8%	8.8%	7.7%	20.9%	18.9%
60 - 64 Yrs old	2.1%	1.8%	2.1%	1.8%	9.4%	8.1%	24.5%	22.0%
65 - 69 Yrs old	2.3%	2.0%	2.3%	1.9%	10.3%	8.9%	30.4%	27.4%
70 - 99 Yrs old	1.6%	1.4%	1.6%	1.3%	7.8%	6.7%	23.0%	20.9%

TABLE 1.11

Critical Values for Determining Significant Differences for Employment Status

	ALL RACES		WHITE		BLACK		HISPANIC	
	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>	<u>In Unit</u>	<u>Avail-able</u>
Total CNP	0.8%	0.7%	0.8%	0.7%	3.2%	2.8%	7.3%	6.7%
Employed	1.0%	0.9%	1.0%	0.9%	4.0%	3.5%	9.9%	9.0%
Unemployed	3.1%	2.8%	3.4%	3.0%	9.3%	8.4%	25.0%	23.1%
Not in Labor Force	1.3%	1.1%	1.3%	1.1%	5.0%	4.4%	11.9%	10.8%

## 2. Lifeline Assistance

To further the universal service objectives of the Communications Act, the Joint Board and the FCC established lifeline assistance programs to ensure that low-income subscribers do not drop off the telephone network, and additionally to encourage low-income households without service to connect to the network. The FCC is monitoring subscriber participation and telephone usage to determine program benefits and costs.<sup>1</sup> Table 2.1 lists the entities that have been certified by the FCC and the dates of their certification.

The FCC, in conjunction with the states and local telephone companies, has established lifeline programs which are designed to promote universal service by helping low income individuals afford telephone service. The programs, funded through charges ultimately paid by interstate ratepayers, reflect matching local rate reductions approved by state utility commissions, and may take the form of a reduction in monthly charges or a reduction in service connection and installation charges. After state programs are certified by the FCC, local exchange carriers are reimbursed through the National Exchange Carrier Association (NECA) for program expenses. These expenses are not funded by federal tax dollars.

Lifeline certification rules require participating entities to verify subscriber eligibility annually. Local exchange companies rely on state established means tests to meet FCC verification requirements. Annual recertification of both lifeline and Link-Up programs by the FCC is contingent upon the income eligibility criteria established in the initial letter to participating states and local exchange carriers.

On January 17, 1991, the FCC eliminated the State Telephone Assistance Report (FCC Form 496).<sup>2</sup> The report was established to obtain information related to the annual recertification of lifeline and Link-Up programs. A more timely and accurate report created with the help of NECA will substitute for the FCC Form 496. Eliminating the form does not preclude the Commission from directing state and local exchange companies to file additional information should the need arise.

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1 MTS and WATS Market Structure and Amendment of Part 67 of the Commission's Rules and Establishment of a Joint Board, Decision and Order, CC Docket Nos. 78-72 and 80-286, FCC 85-643, 51 Fed. Reg. 1371 (January 13, 1986) at para. 5; and Establishment of a Program to Monitor the Impact of Joint Board Decision, Order, CC Docket No. 87-339, 2 FCC Red 5266 (1987).

2 Public Notice; Mimeo Number 11380.



Table 2.2 provides a list of states participating in the Link-Up program and shows both reimbursements and the number of subscribers receiving assistance between July 1989 and December 1989. Table 2.3 provides a similar survey of states participating in the lifeline programs. <sup>3</sup>

Under lifeline and Link-Up America programs, benefits are available to persons who pass a "means" test such as eligibility for food stamps or Medicaid. A second requirement for FCC certification is that each applicant's eligibility for benefits be verified. The state has considerable latitude in selecting means tests, shaping the benefits, and determining the geographic availability of the programs. Table 2.4 provides a description of the income means test used by each state utility commission or local telephone company.

Based on the recommendation of the Federal-State Joint Board, the FCC has made available the following three federal lifeline assistance plans:

Plan 1 - On December 19, 1984, the FCC adopted an optional plan which allows a total reduction in fixed charges for telephone service equal to the federal subscriber line charge (SLC) for low income households satisfying a state determined means test subject to verification. This is accomplished by a 50% reduction in the SLC. States wishing to take advantage of this assistance mechanism are required to implement an equal monetary reduction in the local exchange rate for those low income households to be funded from state sources. The assistance is available for a single telephone line for the principal residence of eligible households.

Plan 2- On December 10, 1985, the FCC adopted broader lifeline assistance measures for low income households providing for a total reduction in fixed charges for telephone service of twice the amount of the SLC. This reduction would be achieved through a waiver of the full federal SLC up to the amount matched by state assistance, provided that the state plan meets the following federal requirements:

a) means test -- highly targeted assistance plan which focuses on those individuals with limited incomes;

b) subject to verification -- procedures must be established which routinely check to ensure that those individuals eligible under the plans are the individuals benefiting under the plan;

c) availability -- for a single telephone line for the principal residence of eligible households.

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3 Tables 2.2 through 2.6 were filed by NECA in this docket on September 28, 1990.

The state matching contribution can be in the form of reduced local service rates, reduced connection charges or reduced deposit requirements. No restrictions are imposed on the source of funding for state assistance.

Plan 3- On April 16, 1987, the FCC adopted a two part plan, Link Up America, to connect low income households to the telephone network. Under the first part, federal assistance will be provided to pay one-half of the connection charges, up to a maximum of \$30.00 in benefits, assessed for commencing telephone service.

Under the second part, when a local exchange company (LEC) offers a deferred payment plan, not to exceed 12 months, for service commencement charges and it does not assess the subscribers any interest charges, federal assistance will be available to that LEC to cover the interest on costs of up to \$200. Link-Up is targeted to those qualified individuals who comprise a portion of the approximately 2.9 million low income households who currently are not connected to the public switched network.

On June 23, 1988, the FCC adopted a Notice of Proposed Rule Making in CC Docket No. 88-341 which proposed eliminating the requirement that consumers requesting to be included in the Link-Up America program have lived at an address where there has not been telephone service for the last three months and have not received Link Up benefits in the last two years. This Notice was adopted in response to waiver requests from the States of Maine and New York. Some telephone companies had declined to participate in the program due to the existence of non-means-based eligibility criteria. The Commission was concerned that the three-month and two-year eligibility rules were discouraging participation in Link-Up America. Data from a pilot program indicated that approximately 15 percent of Link-Up applicants had been rejected for failure to meet the three month rule. Therefore, the Commission proposed eliminating these rules for states and telephone companies that verify income eligibility but retaining these rules and requiring prior service verification in cases in which income eligibility is not verified.

On February 27, 1989, the FCC adopted and released a revision of the Link-Up America rules which eliminated two non-income criteria. Connection assistance will be available for one telephone line per household, at a subscriber's principal place of residence. To become eligible for assistance when income is verified, a residential subscriber must meet the requirements of the state established income test, and not be a dependent, unless the subscriber is more than 60 years old. Alternatively, when income is not verified, a resident may self-certify according to the criteria stated above. However, the entity receiving certification (state or company) must verify that the customer has lived at an address where there has been no telephone service for at least three months, and has not received assistance within the last two years.

The Link-Up America rules encourage, but do not require, states to match the federal benefits and cover the remaining half of the connection charges. The states and LECs are encouraged to develop deferred payment plans for service commencement charges as well as to provide reductions in, or waivers of, security deposit requirements for low income customers who do not have poor credit histories.

Two states, California and New York, began offering a lifeline assistance program pursuant to Plan 1 in 1985. New York switched to Plan 2 in November 1987. At this time, forty-eight states, the District of Columbia, and Puerto Rico are participating in some type of federal lifeline assistance program for low income Americans.

Federal assistance for the lifeline plans was funded through the interstate carrier common line charge (CCLC) until April 1989, at which time all three plans began to be funded through direct billing of the interexchange carriers (IXCs) by NECA. Under the new funding procedures, IXCs are responsible for paying lifeline assistance if they have at least 0.05% of the nationwide presubscribed lines.

Under the new funding process, which began on April 1, 1989, the reimbursements under the program are allocated based on expenses submitted to NECA by participating LECs. NECA files a lifeline assistance rate which is billed directly to interexchange carriers. The revenues are used to pay certified exchange carriers for matching lifeline assistance costs. Further, each state determines the scope of program eligibility through the selection of means tested state assistance programs like AFDC, SSI, food stamps and medical assistance. The lifeline assistance funds are replenished from revenues of the IXCs based on the carriers presubscribed lines.

Table 2.5 provides state and telephone company data on the number of subscribers who receive monthly reductions in telephone bills as a result of the subscriber line charge waiver and matching local rate reductions. Table 2.6 indicates statewide enrollment in the Link-Up America program and the date implemented by each state.

This Monitoring Report includes three reports filed with the FCC since the July 1990 edition: (1) A National Consumer Law Center report on the cost effects of the Universal Service programs; (2) Data showing high volume calling of low income subscribers, filed by Wisconsin Bell in its request for lifeline certification; and (3) A survey on state legislative priorities to expand lifeline programs in a report of the National Conference of State Legislatures.

## Reports Filed

The National Consumer Law Center filed a report, Michigan Bell Telephone Company: Deregulation, Cost Allocation, Rate Design, Universal Service, dated October 1990. It reports that "in discussions of social contracts (and other forms of deregulation) and competition, universal service often is treated as an afterthought. Lifeline and Link-Up programs are proffered as remedies for the negative consequences of experiments in rate design and regulation." The report suggests that the legal mandate for universal service in the Communications Act is "the single most important consideration in devising any telecommunication policy in ensuring that the entire population has telephone service", but does not match the actual practices of carriers and regulators.

In a section on the economics of universal service, the report cites Michigan Bell's 1985 Annual Report: "universal service is good for Michigan Bell. The more people who use our network, the healthier we become." It cites as additional evidence the cost-effects on public and private social service organizations: "A survey of (social service agencies) in Connecticut confirmed that if low-income people don't have telephones, the costs incurred by these organizations increase. Clients without telephones are restricted in their attempts to make job contacts or initiate job interviews. Thus, due to their inability to effectively seek employment, people without telephones are likely to require assistance for a longer period of time than persons with telephones."

The National Consumers Law Center says that inadequate statewide statistics fail to identify telephone penetration by income and ethnic group demographics. National telephone penetration data falls below 57% among the lowest income minority populations. "A significant segment of the elderly population is low-income: almost 28%...The elderly population is especially at risk if it does not have a telephone because they are more likely than the general population to experience serious medical problems. One survey found that 9% of respondents without telephones were persons over 60 living alone. Over half of these persons were more than three minutes from the telephone they would use in an emergency. One third of these persons were either disabled or had a serious medical problem."

The report states that "lifeline programs do not produce as high a penetration rate as do lower basic rates". State program eligibility criteria vary, and income at 130% of poverty level excludes people who are "verifiably poor". These exclusions along with age, and disability limits also preclude program assistance for many subscribers. "The FCC lifeline and Link-Up programs further reduce participation by imposing a burdensome income verification requirement. Food stamp studies found that about 27% of eligible households did not participate due to administrative 'hassles', which included verification of income. Unless self-certification of eligibility is adopted, it can be expected that a significant percentage of eligible households will continue to not participate in the lifeline and Link-Up programs."

Wisconsin Bell, on October 9, filed low income subscriber information with a request for certification for its lifeline assistance program in Wisconsin. The Public Service Commission of Wisconsin has created a highly targeted and innovative lifeline assistance (Usage Assistance Credit) program based on the PSCW's order in docket 6720-TR-104, wherein mandatory per-call rates are authorized to replace Wisconsin Bell's flat rate service and the current per-call usage package rates. The effect of Wisconsin's decision to emphasize local measured service in a state with low basic service rates, is to target low income households that might otherwise be disconnected from or forego telephone service due to their inability to pay or control their local usage bills. State staff confirmed that already low rates and high penetration among the lowest income subscribers may essentially provide an unnecessary subsidy to some of the already highest volume users in Wisconsin. However, rate and usage data from Wisconsin Bell indicates that rates will almost double for the largest volume users when the shift from flat rate to usage rates occurs under the mandatory PSCW conversion. The Wisconsin Usage Assistance Credit threshold for benefits occurs at 152 calls per month. Only at 850 calls per month does the assistance maximize the federal waiver limit. Wisconsin provides an additional \$3.50 benefit when the subscriber is initiating 1200 calls per month.

Wisconsin data indicates that the lowest income subscribers are often the highest volume users of local telephone service in the state. The usage credit waiver will effect income-eligible customers placing more than 150 local calls per month. State estimates show the lowest income subscribers making about 40 calls per day, and on average making 376 calls during any month. State staff suggests that data includes low income households which generally include more telephone users who may spend more time at home because of joblessness or the cost of day-care, and may include multiple families accessing a single telephone line. These subscribers are more likely to make personal calls from home than to use a business or office phone for personal calls. Wisconsin Public Service Commission indicates that usage patterns and demand elasticity for these subscribers does not mirror the general telephone subscribership. The importance and indeed the dependence of telephone in low income households greatly exceeds general empirical data on usage.

The National Conference of State Legislatures' State Issues 91 includes a survey of state local telephone service questions in its January 1991 report. The National Conference of State Legislatures report that establishing or expanding current lifeline programs will be a priority in state legislatures this session. And reports that "states are recognizing the role access to telephone service plays in obtaining employment" for low income households. The Conference states that "investments in low income telephone assistance leads to savings in other welfare expenditures."

TABLE 2.1  
FCC LIFELINE AND LINK-UP AMERICA CERTIFICATION LETTERS

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
Alabama			
Public Service Commission		X	10/01/87
Arizona			
Corporation Commission	X		11/14/86
Dept. of Economic Stabilization	X		11/02/87
Mountain Bell	X	X	1/15/88
Contel of West	X	X	11/22/88
Contel California - AZ	X	X	11/22/88
Citizens Utilities Company		X	11/08/90
Arkansas			
Public Service Commission for: (Southwestern Bell)	X		5/22/86
(Southwestern Bell)		X	10/01/87
California *			
Public Utilities Commission	X		1/01/85
Colorado **			
Public Utilities Commission for: (Mountain States Inc.)	X		7/25/86
Public Utilities Commission		X	11/13/87
Public Utilities Commission		X	1/16/90
Public Utilities Commission	X		5/15/90
Connecticut			
Dept. of Public Utility Control		X	11/13/87
District of Columbia			
Public Service Commission	X		3/18/86
		X	8/19/87
Florida			
Public Service Commission		X	8/01/88
Georgia			
Public Service Commission		X	5/25/90
Hawaii			
Public Utilities Commission	X		10/27/86
GTE Hawaiian Telephone Co.		X	8/07/89
Idaho			
Dept. of Human Welfare	X		7/24/87
Contel	X	X	9/07/88
Public Utilities Commission		X	5/12/89
Gem State Utilities (PacTelCm)	X	X	11/27/89
Public Utilities Commission		X	1/22/90

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
Illinois Commerce Commission	X	X	9/18/89 11/08/90
Indiana Utilities Regulatory Commission		X	4/25/88
Iowa State Utilities Board		X	3/10/88
Kansas Corporation Commission		X	1/27/88
Kentucky Public Service Commission		X	1/24/87
Louisiana Public Service Commission		X	10/25/88
Maine Public Utilities Commission	X	X	8/11/87
Maryland Public Service Commission	X	X	5/22/86 10/01/87
Massachusetts Dept. of Public Utilities for: (New England Telephone)	X	X	2/09/90
Michigan Public Service Commission for: (Michigan Bell)	X	X	1/24/89
GTE-North Inc.	X	X	6/06/90
Michigan Exchange Carriers Assoc.	X	X	9/17/90
Minnesota Public Utilities Commission	X	X	1/27/88
Runestone Telephone Assn.	X	X	3/10/88
Mississippi Public Service Commission (South Central Bell)	X	X	4/27/88 1/14/91
Missouri Southwestern Bell	X		10/01/87
Contel		X	12/28/87
UTC		X	12/28/87
GTE North Inc		X	4/04/88
Public Service Commission		X	9/23/88

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
Montana			
Public Service Commission	X	X	8/11/87
GTE Northwest Inc.	X	X	9/20/88
Nebraska			
Public Service Commission		X	3/17/88
Nevada			
Nevada Bell	X	X	4/28/87
Centel		X	8/16/88
Public Service Commission		X	3/17/88
Churchill County Telephone		X	8/17/90
New Hampshire			
Public Utilities Commission		X	11/03/88
New Jersey			
Board of Public Utilities		X	11/03/87
New Mexico			
Mountain bell		X	4/01/87
Contel of West	X		7/13/87
Western New Mexico	X	X	7/13/87
Mountain Bell	X		1/15/88
Contel of West		X	2/09/88
New York			
Public Service Commission	X	X	3/14/87
Rochester Telephone Corp.	X		8/11/87
Pubic Service Commission	X	X	11/02/87
North Carolina			
Utilities Commission	X		5/22/86
Utilities Commission	X		3/05/87
Utilities Commission		X	10/19/87
North Dakota			
Public Service Commission	X		12/24/87
		X	12/18/89
Northwestern Bell	X		12/18/89
Ohio			
Public Utilities Commission	X		7/01/87
Public Utilities Commission		X	10/01/87
Oklahoma			
Corporate Commission		X	4/09/90



STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
Oregon			
Public Utilities Commission	X		5/22/86
Public Utilities Commission		X	5/05/88
Public Utilities Commission	X		4/13/89
Pennsylvania			
Public Utilities Commission		X	6/02/88
		X	9/29/89
Puerto Rico			
Puerto Rico Telephone		X	11/17/88
Rhode Island			
Public Utilities Commission	X	X	9/21/87
South Carolina			
Public Utilities Commission		X	12/24/87
South Dakota			
Northwestern Bell	X	X	2/25/88
Tennessee			
Public Service Commission		X	11/03/88
Texas			
Public Utilities Commission	X		10/01/87
Poka - Lambro Telephone Co-op	X	X	4/08/88
Public Utilities Commission	X		7/12/88
Central Texas Co-op	X		4/25/89
UTC of Texas Inc.	X		1/23/90
Lufkin - Conroe Telephone Exchange	X	X	3/12/90
Kerrville Telephone Co. of Texas	X		7/13/90
San Marcos Telephone Company	X		1/14/91
Utah			
Public Service Commission	X		12/31/86
Public Service Commission	X		6/29/87
Public Service Commission		X	3/17/88
Vermont			
Public Service Board	X		9/30/86
		X	2/09/90
Virginia			
Corporate Commission	X	X	12/24/87
Washington			
Utilities Telephone Commission	X		7/24/87
		X	8/17/90
West Virginia			
Public Service Commission	X		7/25/86

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
	X		9/11/87
Wisconsin			
Wisconsin Bell		X	7/14/90
Wisconsin Bell	X		11/08/90
GTE North		X	7/05/90
Wyoming			
Mountain Bell		X	1/24/89
UTC of the West		X	2/23/89
Telephone Utilities (PacCom)		X	8/07/89

Note: State commissions may request FCC certification in Federal assistance programs for all carriers in the state or for selected local exchange carriers.

Local telephone companies may request FCC certification independent of state action. Where no state action is taken, the LEC is listed in the table under participating program along with the date certified by the FCC.

State commission requests for certification may follow the approval of local companies certified by the FCC. A state commission may have two dates where certification reflects an extension of eligibility within the state to a more inclusive program for low-income subscribers.

The list of certified states and/or local telephone companies indicates the extent of participation by carriers and the availability of Lifeline and Link-Up assistance in each state.

\* California is the only state still offering a Lifeline program under Plan 1 (the 50% waiver of the SLC).

\*\* The Colorado Lifeline and Link-Up plans expired in legislative sunset provisions. A new Link-Up program was submitted to the FCC on January 5, and certified by the Commission on January 16, 1990. Lifeline was certified on May 15, 1990.

TABLE 2.2

## Link-Up America

(Connection Assistance and Deferred Payments)  
July 1, 1989 thru December 31, 1989

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
ALABAMA	\$16,435	756	11	30
ALASKA	\$0	0	0	25
ARIZONA	\$1,257	72	1	10
ARKANSAS	\$44,167	2,238	18	28
CALIFORNIA	\$0	0	0	22
COLORADO	\$0	0	0	27
CONNECTICUT	\$25,639	1,358	1	2
DELAWARE	\$0	0	0	1
DISTRICT OF COL.	\$3,526	186	1	1
FLORIDA	\$37,881	1,752	7	13
GEORGIA	\$0	0	0	36
HAWAII	\$1,968	87	1	1
IDAHO	\$243	58	2	20
ILLINOIS	\$107,490	4,441	12	56
INDIANA	\$14,384	639	8	42
IOWA	\$37,409	2,065	26	153
KANSAS	\$6,954	370	6	40
KENTUCKY	\$85,886	3,329	15	19
LOUISIANA	\$285,345	10,791	12	20
MAINE	\$79,073	3,549	12	19
MARYLAND	\$3,224	142	1	2
MASSACHUSETTS	\$0	0	0	3
MICHIGAN	\$157,982	6,884	1	38
MINNESOTA	\$5,275	364	11	91
MISSISSIPPI	\$21,882	884	6	20
MISSOURI	\$16,594	772	13	44
MONTANA	\$18,113	1,128	3	17
NEBRASKA	\$3,697	196	9	42
NEVADA	\$390	51	2	13
NEW HAMPSHIRE	\$2,635	130	2	12
NEW JERSEY	\$3,255	164	3	3
NEW MEXICO	\$16,850	1,973	3	14
NEW YORK	\$946,730	43,650	15	45
NORTH CAROLINA	\$22,306	1,431	13	28
NORTH DAKOTA	\$4,625	299	6	24

Link-Up America

(Connection Assistance and Deferred Payments)

July 1, 1989 thru December 31, 1989

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
OHIO	\$101,727	4,538	12	44
OKLAHOMA	\$0	0	0	39
OREGON	\$5,634	888	14	34
PENNSYLVANIA	\$246,774	12,363	15	39
PUERTO RICO	\$29,367	1,678	1	2
RHODE ISLAND	\$5,208	344	1	1
SOUTH CAROLINA	\$23,093	815	13	28
SOUTH DAKOTA	\$4,183	239	1	31
TENNESSEE	\$49,349	2,111	17	25
TEXAS	\$238,339	8,345	10	60
UTAH	\$6,177	337	1	13
VERMONT	\$0	0	0	9
VIRGIN ISLANDS	\$0	0	0	1
VIRGINIA	\$71,641	3,150	13	20
WASHINGTON	\$0	0	0	23
WEST VIRGINIA	\$4,467	231	4	10
WISCONSIN	\$256,423	17,555	1	95
WYOMING	\$3,681	193	2	11
Subset 1 Total:	\$2,652,552	123,591	40	52
Subset 2 Total:	\$348,505	18,213	135	310
Subset 3 Total:	\$16,221	742	151	1,084
National Total:	\$3,017,278	142,546	326	1,446

- NOTES:
1. Study Area is a Telephone Company's operation within a state.
  2. Subset 1 includes RBOCs, Subset 2 includes other telephone companies with annual operating revenues greater than \$40 million, Subset 3 includes all others.
  3. Data as reported by the companies as of October 1990.

TABLE 2.3

## Lifeline Assistance

(End User Subscriber Line Charge Waiver)  
July 1, 1989 thru December 31, 1989

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
ALABAMA	\$0	0	0	30
ALASKA	\$0	0	0	25
ARIZONA	\$83,004	5,959	5	10
ARKANSAS	\$131,128	6,262	1	28
CALIFORNIA	\$15,416,593	1,463,705	22	22
COLORADO	\$58,508	103,632	1	27
CONNECTICUT	\$0	0	0	2
DELAWARE	\$0	0	0	1
DISTRICT OF COL	\$55,832	2,964	1	1
FLORIDA	\$0	0	0	13
GEORGIA	\$0	0	0	36
HAWAII	\$103,405	6,378	1	1
IDAHO	\$178,272	8,171	17	20
ILLINOIS	\$0	0	0	56
INDIANA	\$0	0	0	42
IOWA	\$0	0	0	153
KANSAS	\$0	0	0	40
KENTUCKY	\$0	0	0	19
LOUISIANA	\$0	0	0	20
MAINE	\$699,599	33,279	19	19
MARYLAND	\$61,524	2,930	1	2
MASSACHUSETTS	\$0	0	0	3
MICHIGAN	\$360,223	41,095	1	38
MINNESOTA	\$884,771	45,311	85	91
MISSISSIPPI	\$0	0	0	20
MISSOURI	\$318,908	15,187	1	44
MONTANA	\$103,284	4,918	4	17
NEBRASKA	\$0	0	0	42
NEVADA	\$50,236	4,497	3	13
NEW HAMPSHIRE	\$0	0	0	12
NEW JERSEY	\$0	0	0	3
NEW MEXICO	\$246,195	11,742	3	14
NEW YORK	\$4,811,645	276,511	38	45
NORTH CAROLINA	\$331,500	15,781	27	28
NORTH DAKOTA	\$84	4	1	24

Lifeline Assistance

(End User Subscriber Line Charge Waiver)  
July 1, 1989 thru December 31, 1989

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
=====	=====	=====	=====	=====
OHIO	\$322,222	15,453	8	44
OKLAHOMA	\$0	0	0	39
OREGON	\$482,288	22,274	28	34
PENNSYLVANIA	\$0	0	0	39
PUERTO RICO	\$0	0	0	2
RHODE ISLAND	\$294,351	14,017	1	1
SOUTH CAROLINA	\$0	0	0	28
SOUTH DAKOTA	\$101,625	4,657	1	31
TENNESSEE	\$0	0	0	25
TEXAS	\$442,842	21,063	42	60
UTAH	\$176,962	15,156	2	13
VERMONT	\$357,226	17,013	9	9
VIRGIN ISLANDS	\$0	0	0	1
VIRGINIA	\$313,408	14,863	17	20
WASHINGTON	\$436,534	34,668	14	23
WEST VIRGINIA	\$122,205	5,821	4	10
WISCONSIN	\$117	5	1	95
WYOMING	\$0	0	0	11
Subset 1 Total:	\$22,147,589	1,833,536	28	52
Subset 2 Total:	\$4,440,312	363,324	99	310
Subset 3 Total:	\$356,590	16,456	231	1,084
National Total:	\$26,944,491	2,213,316	358	1,446

- NOTES: 1. Study Area is a Telephone Company's operation within a state.
2. Subset 1 includes RBOCs, Subset 2 includes other telephone companies with annual operating revenues greater than \$40 million, Subset 3 includes all others.
3. Data as reported by the companies as of October 1990.

TABLE 2.4  
LIFELINE & LINK-UP STATE ELIGIBILITY QUALIFICATIONS

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
Alabama	Public Service Commission	Recipient of: SSI, AFDC, or Food Stamps	Medicaid or Food Stamp card
Arizona	Corporation Commission	Lifeline: Income below 150% poverty Link Up: Income at or below poverty and participant in Senior Telephone Discount Program	Arizona Dep't. of Economic Security
Arkansas	Public Service Commission	Recipient of: SSI, AFDC, HEAP, Food Stamps, Medicaid, or Subsidized housing	Local Exchange Companies
California	Public Utilities Commission	Income at or below 150% poverty	Self certified
Colorado	Public Utilities Commission	Recipient of: SSI, Old Age Pension, Aid to the Blind, or Aid to the Needy & Disabled	Dep't. of Social Services
Connecticut	Dep't. of Public Utility Control	Eligible for any low-income assistance or energy assistance program administered by the CT Dep't. of Human Resources or CT Dep't. of Income Maintenance or SSI	Applicable agency of those listed
District of Columbia	Public Service Commission	Over age 65 & eligible for LIHEAP or Complementary Energy Assistance Program	D.C. Energy Office
Florida	Public Service Commission	Recipient of: Food Stamps or Medicaid	Dep't. of Health & Rehabilitative Services

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
Georgia	Public Service Commission	Recipient of: SSI, AFDC, and/or Food Stamps	Dep't of Human Resources
Hawaii	Public Utilities Commission	Age 60 or older or handicapped with annual household income \$10,000 or less	Hawaiian Telephone Co.
Idaho	Public Utilities Commission	Recipient of: AFDC, Food Stamps, Aid to the Aged, Blind & Disabled, or Medical Assistance	Medical Assistance or Food Stamp ID card
Illinois	Illinois Commerce Commission	Recipient of public assistance in programs administered by the Illinois Dep't. of Public Aid	Dep't. of Public Aid
Indiana	Utility Regulatory Commission	Recipient of: SSI, AFDC, HEAP, Medicaid, or Food Stamps	Local Exchange Companies
Iowa	State Utilities Board	Recipient of: SSI, AFDC, LIHEAP, or Food Stamps	Local Exchange Companies
Kansas	Corporation Commission	Recipient of: SSI, AFDC, Food Stamps, Medicaid, or General Assistance	Local Exchange Companies
Kentucky	Public Service Commission	Recipient of: SSI, AFDC, Food Stamps, or Medical Assistance	Cabinet for Human Resources
Louisiana	Public Service Commission	Recipient of: SSI, AFDC, or Food Stamps	Medicaid or Food Stamp card
Maine	Public Utilities Commission	Recipient of: SSI, AFDC, HEAP, Medicaid, or Food Stamps	Dep't. of Human Services



STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
Maryland	Public Service Commission	Recipient of: General Assistance	Dep't. of Human Resources
Massachusetts	Dep't of Public Utilities	Recipient of: SSI, AFDC, General Public Welfare, Food Stamps, Medicaid, and Fuel Assistance	Dep't of Public Welfare and/or Office of Fuel Assistance
Michigan	Public Service Commission	Income at or below 130% poverty	Dep't. of Social Services or Office of Services to the Aging
Minnesota	Public Utilities Commission	Age 65 or older or Income level which meets state poverty levels	Dep't. of Human Services
Mississippi	Public Service Commission	Recipient of: SSI, AFDC, or Food Stamps	Medicaid or Food Stamp card
Missouri	Public Service Commission	Recipient of: Medicaid	Dep't. of Social Services
Montana	GTE, Inc.	Recipient of: SSI, AFDC, or Medicaid	Medicaid card & Social & Rehabilitation Services
Nebraska	Public Service Commission	Recipient of: SSI, AFDC, Energy Assistance, Food Stamps, Medicaid, or Aid to the Aged, Blind or Disabled	Medicaid Agency or Dep't. of Social Service or Food Stamp program
Nevada	Public Service Commission	Recipient of: SSI, AFDC, Energy Assistance, Food Stamps, Indian General Assist., Commodity Foods, or VA Improved Pension	Proof of enrollment in listed programs

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
New Hampshire	Public Utilities Commission	Recipient of: SSI, AFDC, Food Stamps, Fuel Assistance, Old Age Assistance, Weatherization Assist., Aid to Permanently/ Totally Disabled, Women, Infants & Children Feeding Program Welfare, Title XX, or Subsidized Housing	Respective donor agency
New Jersey	Public Service Commission	Recipient of: SSI, AFDC, HEAP, Pharmaceutical Assist. to the Aged, Welfare, or Lifeline Credit	Local Exchange Companies
New Mexico	Mountain Bell Tel.	Recipient of: SSI, AFDC, or LITAP	Medicaid card
	Continental Tel. Co.	Recipient of: SSI, AFDC, or Coordinated Community In-Home Care (CCIC)	Human Services Dept.
	Western NM Tel. Co.	Recipient of: SSI, AFDC, or CCIC	Human Services Dept.
New York	Dep't. of Public Services	Recipient of: SSI, AFDC, Food Stamps, Medicaid, or Home Relief	Administering Agency
North Carolina	Utilities Commission	Recipient of: SSI or AFDC	Dep't. of Human Resources
North Dakota	Public Service Commission	Eligible for: Food Stamps	County Social Service Board
Ohio	Public Utilities Commission	Recipient of: HEAP or Ohio Energy Credits Program	Local Exchange Companies

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
Oklahoma	Corporate Commission	Recipient of aid from state low income programs	Dep't. of Human Services
Oregon	Public Utilities Commission	Eligible for: Food Stamps	Dep't. of Human Resources
Pennsylvania	Public Utilities Commission	Recipient of: SSI, AFDC, Food Stamps, General Assistance, or Blue Card Medical Ass. Medically Needy Only	Dep't. of Public Welfare
Puerto Rico	PR Tel. Co.	Recipient of: Nutritional Assistance Program	Dep't. of Social Services
Rhode Island	Public Utilities Commission	Recipient of: SSI, AFDC, General Assistance, or Medical Assistance	Dep't. of Human Services
South Carolina	Public Service Commission	Recipient of: AFDC, Food Stamps, Medicaid, or Temporary Emergency Food Assistance	Local Exchange Companies
South Dakota	Northwestern Bell	Recipient of: HEAP or Food Stamps	Dep't. of Social Services
Tennessee	Public Service Commission	Recipient of: SSI, AFDC, Medicaid, or Food Stamps	Medicaid card or Food Stamp Notice of Disposition
Texas	Public Utilities Commission	Eligible for: SSI, AFDC, LIHEAP, Food Stamps, Medicaid, Medical Assistance, or Maternal Health Program	Local Exchange Companies

STATE	ENTITY	ELIGIBILITY	INCOME VERIFICATION
Utah	Public Service Commission	Eligible for: SSI, AFDC, Food Stamps, General Assistance, Home Energy Assistance, Medical Assistance, Refugee Assistance, or Energy Work Programs	Local Exchange Companies
Vermont	Public Service Board	Recipient of: SSI, AFDC, Food Stamps, Medicaid, or Fuel Assistance	Dep't. of Social Welfare
Virginia	Corporation Commission	Recipient of: Virginia Universal Service Plan	Dep't. of Medical Assist. Services
Washington	Utilities & Transportation Commission	Recipient of: SSI, AFDC, Food Stamps, Refugee Assistance, Chore Services, or Community Options Program Entry System	Dep't. of Social & Health Services
West Virginia	Public Service Commission	Disabled or age 60 or older & receives SSI, AFDC or Food Stamps or is eligible for SSI	Dep't. of Human Services
wisconsin	Wisconsin Bell	Recipient of: AFDC, SSI, Food Stamps, Title 19 Medical and Energy Programs	Dep't. of Health and Social Services
Wyoming	US West	Recipient of: SSI, AFDC, LIEAP, or Food Stamps	Dep't. of Health & Social Services
	United Tel. Co.	Recipient of: SSI, AFDC, LIEAP, Food Stamps, or Food Distribution Program	Dep't. of Health & Social Services

TABLE 2.5  
LIFELINE END USER CHARGES WAIVED

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
AK		STATE TOTAL	\$0	\$0	\$0
AL		STATE TOTAL	\$0	\$0	\$0
AR	405211	SOUTHWESTERN BELL-AR	\$131,128	\$136,432	\$267,560
AR		STATE TOTAL	\$131,128	\$136,432	\$267,560
AZ	452172	CITIZENS UTILITIES	\$2,079	\$1,690	\$3,769
	452175	UNIVERSAL TEL OF SW	\$1	\$0	\$1
	452177	CONTEL OF WEST-AZ	\$2,738	\$2,998	\$5,736
	452302	CONTEL CALIF - AZ	\$421	\$417	\$838
	455101	MOUNTAIN BELL - AZ	\$77,765	\$61,172	\$138,937
AZ		STATE TOTAL	\$83,004	\$66,277	\$149,281
CA	542301	CALAVERAS TEL CO	\$1,438	\$1,594	\$3,032
	542302	CONTEL OF CALIFORNIA	\$381,035	\$399,336	\$780,371
	542304	C P NATIONAL CORP-CA	\$26,801	\$27,266	\$54,067
	542308	CITIZENS UTIL OF CA	\$87,456	\$93,321	\$180,777
	542311	CALIF-OREGON TEL CO	\$5,469	\$5,496	\$10,965
	542313	DUCOR TELEPHONE CO	\$1,409	\$1,493	\$2,902
	542315	EVANS TEL CO.	\$13,200	\$13,200	\$26,400
	542318	FORESTHILL TEL CO.	\$1,599	\$1,344	\$2,943
	542321	HAPPY VALLEY TEL CO	\$5,130	\$4,729	\$9,859
	542322	HORNITOS TEL CO	\$737	\$731	\$1,468
	542323	WINTERHAVEN TEL. CO.	\$4,300	\$3,675	\$7,975
	542324	KERMAN TELEPHONE CO	\$14,401	\$15,682	\$30,083
	542332	THE PONDEROSA TEL CO	\$9,124	\$8,092	\$17,216
	542334	ROSEVILLE TEL CO	\$41,715	\$45,724	\$87,439
	542338	SIERRA TELEPHONE CO	\$26,687	\$27,789	\$54,476
	542339	THE SISKIYOU TEL CO	\$6,805	\$7,261	\$14,066
	542342	TUOLUMNE TEL CO	\$12,531	\$12,822	\$25,353
	542343	THE VOLCANO TEL CO	\$4,511	\$5,671	\$10,182
	542344	WEST COAST TEL OF CA	\$18,000	\$14,000	\$32,000
	542346	PINNACLES TEL CO	\$57	\$88	\$145
	545170	PACIFIC BELL	\$12,349,265	\$12,347,038	\$24,696,303
CA		STATE TOTAL	\$15,416,593	\$15,679,625	\$31,096,218
CO	465102	MOUNTAIN BELL-CO	\$58,508	\$0	\$58,508
CO		STATE TOTAL	\$58,508	\$0	\$58,508
CT		STATE TOTAL	\$0	\$0	\$0
DC	575020	C & P TEL CO OF WASH	\$55,832	\$49,972	\$105,804
DC		STATE TOTAL	\$55,832	\$49,972	\$105,804

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
DE	STATE TOTAL	\$0	\$0	\$0
FL	STATE TOTAL	\$0	\$0	\$0
GA	STATE TOTAL	\$0	\$0	\$0
HI 623100	GTE HAWAIIAN TEL. CO	\$103,405	\$100,745	\$204,150
HI	STATE TOTAL	\$103,405	\$100,745	\$204,150
IA	STATE TOTAL	\$0	\$0	\$0
ID 472177	CONTEL OF WEST-ID	\$8,751	\$9,822	\$18,573
472213	ALBION TEL CO INC	\$314	\$299	\$613
472215	CAMBRIDGE TEL CO	\$168	\$340	\$508
472218	CUSTER TEL COOP	\$546	\$546	\$1,092
472220	FILER MUTUAL TEL -ID	\$734	\$719	\$1,453
472221	FARMERS MUTUAL TEL	\$1,400	\$1,275	\$2,675
472223	GEM STATE UTIL-ID	\$827	\$884	\$1,711
472225	CENTURY TEL OF IDAHO	\$2,055	\$1,864	\$3,919
472226	MIDVALE TEL EXCH INC	\$240	\$252	\$492
472227	MUD LAKE TEL COOP	\$504	\$525	\$1,029
472230	POTLATCH TEL CO INC	\$899	\$849	\$1,748
472231	PROJECT MUTUAL TEL	\$3,987	\$3,669	\$7,656
472232	ROCKLAND TEL CO INC	\$168	\$168	\$336
472234	TROY TELEPHONE CO	\$123	\$146	\$269
472295	SILVER STAR TEL- ID	\$298	\$369	\$667
472416	GTE NORTHWEST INC-ID	\$42,000	\$42,000	\$84,000
475103	MOUNTAIN BELL-ID	\$102,637	\$114,097	\$216,734
475162	PACIFIC NW BELL-ID	\$12,621	\$13,258	\$25,879
ID	STATE TOTAL	\$178,272	\$191,082	\$369,354
IL	STATE TOTAL	\$0	\$0	\$0
IN	STATE TOTAL	\$0	\$0	\$0
KS	STATE TOTAL	\$0	\$0	\$0
KY	STATE TOTAL	\$0	\$0	\$0
LA	STATE TOTAL	\$0	\$0	\$0
MA 115112	NEW ENGLAND TEL-MA	\$0	\$719,279	\$719,279
MA	STATE TOTAL	\$0	\$719,279	\$719,279

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
MD 185030	C & P TEL CO OF MD	\$61,524	\$105,579	\$167,103
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MD	STATE TOTAL	\$61,524	\$105,579	\$167,103
ME 100002	BRYANT POND TEL CO	\$552	\$632	\$1,184
100003	LINCOLNVILLE TEL CO	\$461	\$512	\$973
100004	CHINA TEL CORP	\$1,528	\$1,625	\$3,153
100005	COBOSSEECONTEE TEL	\$436	\$464	\$900
100007	ISLAND TEL CO	\$14	\$42	\$56
100010	HAMPDEN TEL CO	\$1,497	\$1,675	\$3,172
100011	HARTLAND & ST ALBANS	\$4,498	\$4,589	\$9,087
100014	CONTEL OF MAINE	\$49,287	\$53,650	\$102,937
100015	COMMUNITY SERVICE	\$6,856	\$8,365	\$15,221
100019	OXFORD COUNTY TEL	\$5,404	\$6,427	\$11,831
100020	PINE TREE TEL & TEL	\$1,367	\$1,612	\$2,979
100022	SACO RIVER TEL & TEL	\$2,878	\$3,573	\$6,451
100024	SOMERSET TEL CO	\$10,202	\$11,083	\$21,285
100025	STANDISH TEL CO	\$3,278	\$3,883	\$7,161
100027	UNION RIVER TEL CO	\$728	\$1,135	\$1,863
100029	UNITY TEL CO., INC.	\$3,294	\$4,544	\$7,838
100031	WARREN TEL CO	\$1,325	\$1,768	\$3,093
100034	WEST PENOBSCOT TEL	\$2,833	\$3,161	\$5,994
105111	NEW ENGLAND TEL-ME	\$603,161	\$679,640	\$1,282,801
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ME	STATE TOTAL	\$699,599	\$788,380	\$1,487,979
MI 315090	MICHIGAN BELL TEL CO	\$360,223	\$556,349	\$916,572
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MI	STATE TOTAL	\$360,223	\$556,349	\$916,572
MN 361140	CONTEL OF MINNESOTA	\$75,682	\$79,945	\$155,627
361186	GTE NORTH INC. - MN	\$2,519	\$2,642	\$5,161
361337	WINNEBAGO COOP ASSN	\$111	\$146	\$257
361346	ACE TEL ASSN-MN	\$6,189	\$6,879	\$13,068
361347	ALBANY MUTUAL ASSN	\$1,695	\$2,192	\$3,887
361350	ARVIG TEL CO	\$4,238	\$7,036	\$11,274
361353	CITY OF BARNESVILLE	\$1,052	\$1,097	\$2,149
361356	BENTON COOP TEL CO	\$1,797	\$1,681	\$3,478
361357	BLACKDUCK TEL CO	\$1,514	\$1,686	\$3,200
361358	BLUE EARTH VALLEY	\$2,367	\$2,329	\$4,696
361362	BRIDGEWATER TEL CO	\$2,196	\$2,188	\$4,384
361365	CALLAWAY TEL CO	\$222	\$226	\$448
361367	CENDEL OF MN	\$27,550	\$32,489	\$60,039
361372	CLEMENTS TEL CO	\$64	\$77	\$141
361373	CONSOLIDATED TEL CO	\$2,882	\$3,027	\$5,909
361374	ARROWHEAD COMM CORP	\$506	\$600	\$1,106
361375	MID-COMMUNICATIONS	\$2,569	\$2,647	\$5,216
361377	DANUBE TEL CO	\$24	\$24	\$48

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
MN	361379 DEER RIVER TEL CO	\$1,537	\$1,674	\$3,211
	361380 DELAVAN TEL CO	\$192	\$210	\$402
	361381 DUNNELL TEL CO	\$10	\$46	\$56
	361383 EAGLE VALLEY TEL CO	\$1,748	\$1,800	\$3,548
	361384 EASTON TEL CO	\$42	\$35	\$77
	361385 EAST OTTER TAIL TEL	\$8,803	\$9,473	\$18,276
	361386 ECKLES TEL CO	\$224	\$333	\$557
	361387 EMILY COOP TEL CO	\$604	\$588	\$1,192
	361389 FARMERS MUTUAL TEL	\$894	\$848	\$1,742
	361390 FEDERATED TEL COOP	\$1,356	\$1,468	\$2,824
	361391 FELTON TEL CO. INC.	\$428	\$474	\$902
	361395 GARDEN VALLEY TEL CO	\$20,603	\$21,895	\$42,498
	361396 GARDONVILLE COOP TEL	\$1,403	\$1,444	\$2,847
	361399 GRANADA TEL CO	\$291	\$273	\$564
	361401 HALSTAD TEL CO	\$1,254	\$1,497	\$2,751
	361403 HANCOCK TEL CO - MN	\$548	\$484	\$1,032
	361404 HARMONY TEL CO	\$814	\$789	\$1,603
	361405 HILLS TEL CO, INC	\$89	\$210	\$299
	361407 HOHMAN TEL CO	\$1,791	\$3,634	\$5,425
	361408 HOME TEL CO - MN	\$1,108	\$1,178	\$2,286
	361409 HUTCHINSON TEL CO	\$1,710	\$1,914	\$3,624
	361410 JOHNSON TEL CO	\$0	\$368	\$368
	361412 KASSON & MANTORVILLE	\$813	\$845	\$1,658
	361413 K M P TEL CO	\$1,009	\$1,017	\$2,026
	361414 LAKEDALE TEL CO	\$4,991	\$5,809	\$10,800
	361419 LISMORE COOP TEL CO	\$79	\$80	\$159
	361422 LONSDALE TEL CO	\$1,010	\$974	\$1,984
	361423 LOWRY TEL CO	\$1,456	\$1,435	\$2,891
	361424 MABEL COOP TEL - MN	\$452	\$543	\$995
	361425 MADELIA TEL CO	\$1,605	\$1,656	\$3,261
	361426 MANCHESTER-HARTLAND	\$247	\$157	\$404
	361427 MANKATO CITIZENS TEL	\$4,715	\$4,854	\$9,569
	361430 MELROSE TEL CO	\$9,059	\$10,832	\$19,891
	361431 MIDWEST TEL CO	\$1,770	\$2,291	\$4,061
	361433 MID STATE TEL CO	\$4,684	\$5,416	\$10,100
	361437 MINNESOTA LAKE TEL	\$492	\$478	\$970
	361439 MINNESOTA VALLEY TEL	\$1,131	\$1,131	\$2,262
	361440 CANNON VLY TELECOM	\$889	\$833	\$1,722
	361442 NEW ULM TELECOM, INC	\$6,439	\$6,172	\$12,611
	361443 NORMAN COUNTY TEL CO	\$2,792	\$2,730	\$5,522
	361445 NORTHLAND TEL CO	\$663	\$708	\$1,371
	361448 OSAKIS TEL CO	\$800	\$1,021	\$1,821
	361450 PARK REGION MUTUAL	\$1,308	\$1,422	\$2,730
	361451 PAUL BUNYAN RURAL	\$2,788	\$2,892	\$5,680
	361453 PEOPLES TEL CO - MN	\$2,666	\$4,102	\$6,768
	361454 PINE ISLAND TEL CO	\$1,140	\$1,150	\$2,290



LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
MN	361456 UTC OF MINNESOTA	\$36,691	\$40,202	\$76,893
	361472 REDWOOD COUNTY TEL	\$4,257	\$5,260	\$9,517
	361473 ROCK DELL TEL CO	\$23	\$24	\$47
	361474 ROTHSA Y TEL CO, INC	\$192	\$201	\$393
	361475 RUNESTONE TEL ASSN	\$3,288	\$3,589	\$6,877
	361476 SACRED HEART TEL CO	\$150	\$156	\$306
	361479 SCOTT RICE TEL CO	\$682	\$706	\$1,388
	361482 SHERBURNE CTY RURAL	\$1,023	\$588	\$1,611
	361485 SPRING GROVE COOP	\$198	\$219	\$417
	361487 STARBUCK TEL CO	\$809	\$889	\$1,698
	361491 TWIN VALLEY-ULEN TEL	\$3,695	\$3,957	\$7,652
	361494 UPSALA COOP TEL ASSN	\$1,560	\$1,649	\$3,209
	361495 VALLEY TEL CO - MN	\$705	\$775	\$1,480
	361499 CROSSLAKE TEL CO	\$275	\$202	\$477
	361500 NORTHERN TEL CO - MN	\$42	\$42	\$84
	361501 WEST CENTRAL TEL	\$5,027	\$5,276	\$10,303
	361502 WESTERN TEL CO	\$0	\$708	\$708
	361505 WIKSTROM TEL CO, INC	\$7,837	\$8,621	\$16,458
	361507 WINSTED TEL CO	\$60	\$60	\$120
	361508 WINTHROP TEL CO	\$906	\$866	\$1,772
	361510 WOODSTOCK TEL CO	\$740	\$838	\$1,578
	361512 WOLVERTON TEL CO	\$0	\$35	\$35
	361515 ZUMBROTA TEL CO	\$480	\$443	\$923
	361654 INTERSTATE TELECOMM.	\$1,623	\$1,647	\$3,270
	365142 NORTHWESTERN BELL-MN	\$582,884	\$821,196	\$1,404,080
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MN	STATE TOTAL	\$884,771	\$1,154,243	\$2,039,014
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MO	425213 SOUTHWESTERN BELL-MO	\$318,908	\$313,114	\$632,022
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MO	STATE TOTAL	\$318,908	\$313,114	\$632,022
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MS	STATE TOTAL	\$0	\$0	\$0
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MT	482235 BLACKFOOT TEL COOP	\$1,015	\$1,061	\$2,076
	482244 LINCOLN TEL CO INC	\$0	\$85	\$85
	482246 MID-RIVERS TEL COOP	\$678	\$695	\$1,373
	482247 NEMONT TEL COOP-MT	\$18	\$30	\$48
	482250 PROJECT TEL CO	\$0	\$23	\$23
	482416 GTE NORTHWEST INC-MT	\$0	\$1,000	\$1,000
	485104 MOUNTAIN BELL-MT	\$101,573	\$115,075	\$216,648
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MT	STATE TOTAL	\$103,284	\$117,969	\$221,253

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
NC	230468 ATLANTIC MEMBERSHIP	\$84	\$602	\$686
	230469 BARNARDSVILLE TEL CO	\$60	\$60	\$120
	230470 CAROLINA TEL & TEL	\$155,374	\$152,425	\$307,799
	230471 CENTEL OF NC	\$14,810	\$12,602	\$27,412
	230473 CITIZENS TEL CO	\$2,326	\$2,123	\$4,449
	230474 CONCORD TEL CO	\$1,240	\$998	\$2,238
	230476 ALLTEL CAROLINA-NO	\$2,751	\$2,499	\$5,250
	230478 ELLERBE TEL CO	\$408	\$383	\$791
	230479 GTE SOUTH INC - NC	\$6,116	\$815	\$6,931
	230481 HEINS TEL CO	\$2,205	\$2,294	\$4,499
	230483 LEXINGTON TEL CO	\$1,463	\$1,469	\$2,932
	230485 MEBANE HOME TEL CO	\$544	\$513	\$1,057
	230491 NORTH STATE TEL CO	\$4,225	\$3,781	\$8,006
	230494 PINEVILLE TEL CO	\$15	\$18	\$33
	230495 RANDOLPH TEL CO	\$180	\$166	\$346
	230496 RANDOLPH MEMBERSHIP	\$69	\$65	\$134
	230497 PIEDMONT MEMBERSHIP	\$150	\$152	\$302
	230498 SALUDA MOUNTAIN TEL	\$36	\$46	\$82
	230499 SANDHILL TEL CO	\$31	\$63	\$94
	230500 SERVICE TEL CO	\$304	\$0	\$304
	230501 SKYLINE MEMBERSHIP	\$1,772	\$2,147	\$3,919
	230502 STAR MEMBERSHIP CORP	\$788	\$858	\$1,646
	230503 SURRY MEMBERSHIP	\$1,230	\$1,275	\$2,505
	230505 TRI COUNTY TEL MEMBR	\$84	\$75	\$159
	230509 CONTEL OF NC	\$18,460	\$17,856	\$36,316
	230510 WILKES MEMBERSHIP	\$380	\$379	\$759
	230511 YADKIN VALLEY TEL	\$1,567	\$1,563	\$3,130
	235193 SOUTHERN BELL-NC	\$114,828	\$114,434	\$229,262
NC	STATE TOTAL	\$331,500	\$319,661	\$651,161
ND	381631 RED RIVER RURAL TEL	\$84	\$92	\$176
ND	STATE TOTAL	\$84	\$92	\$176
NE	STATE TOTAL	\$0	\$0	\$0
NH	STATE TOTAL	\$0	\$0	\$0
I.J	STATE TOTAL	\$0	\$0	\$0

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
NM 492177	CONTEL OF WEST - NM	\$10,680	\$10,834	\$21,514
492268	WESTERN NEW MEXICO	\$1,788	\$2,178	\$3,966
495105	MOUNTAIN BELL-NM	\$233,727	\$247,223	\$480,950
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NM	STATE TOTAL	\$246,195	\$260,235	\$506,430
NV 552302	CONTEL OF CALIF-NV	\$38	\$350	\$388
552348	CENTEL OF NV	\$23,102	\$27,701	\$50,803
555173	NEVADA BELL	\$27,096	\$29,670	\$56,766
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NV	STATE TOTAL	\$50,236	\$57,721	\$107,957
NY 150071	ARMSTRONG TEL CO-NY	\$0	\$1,422	\$1,422
150072	AU SABLE VALLEY TEL	\$1,582	\$1,851	\$3,433
150073	BERKSHIRE TEL CORP	\$480	\$467	\$947
150076	CASSADAGA TEL CORP	\$62	\$46	\$108
150078	CHAUTAUQUA & ERIE	\$986	\$839	\$1,825
150079	CHAZY & WESTPORT	\$620	\$649	\$1,269
150081	CITIZENS HAMMOND NY	\$168	\$274	\$442
150082	CLYMER TEL CO	\$107	\$100	\$207
150084	TACONIC TEL CORP	\$3,907	\$3,847	\$7,754
150085	CROWN POINT TEL CORP	\$241	\$251	\$492
150088	DELHI TEL CO	\$378	\$391	\$769
150089	DEPOSIT TEL CO	\$5,051	\$5,243	\$10,294
150091	DUNKIRK & FREDONIA	\$266	\$258	\$524
150092	EDWARDS TEL CO	\$1,584	\$1,290	\$2,874
150093	EMPIRE TEL CORP	\$1,990	\$2,161	\$4,151
150095	FISHERS ISLAND TEL	\$12	\$0	\$12
150096	CONTEL OF NY, INC	\$53,367	\$56,424	\$109,791
150097	GERMANTOWN TEL CO	\$348	\$348	\$696
150099	HANCOCK TEL CO	\$354	\$317	\$671
150100	HIGHLAND TEL CO	\$4,678	\$4,710	\$9,388
150104	MARGARETVILLE TEL CO	\$172	\$516	\$688
150105	MIDDLEBURGH TEL CO	\$0	\$476	\$476
150106	ALLTEL NY-FULTON	\$10,128	\$10,530	\$20,658
150107	NEWPORT TEL CO	\$1,226	\$1,024	\$2,250
150108	NICHOLVILLE TEL CO	\$178	\$210	\$388
150109	ALLTEL NY-JAMESTOWN	\$9,553	\$10,107	\$19,660
150110	OGDEN TEL CO	\$900	\$924	\$1,824
150111	ONEIDA COUNTY RURAL	\$321	\$522	\$843
150112	ONTARIO TEL CO	\$616	\$642	\$1,258
150113	ALLTEL NY-RED JACKET	\$651	\$625	\$1,276
150114	ORISKANY FALLS TEL	\$277	\$330	\$607
150116	PATTERSONVILLE TEL	\$430	\$430	\$860
150118	PORT BYRON TEL CO	\$1,397	\$1,390	\$2,787
150119	RED HOOK TEL CO	\$1,151	\$1,266	\$2,417

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
NY	150121 ROCHESTER TEL CORP	\$114,239	\$122,026	\$236,265
	150122 SENECA-GORHAM TEL	\$772	\$750	\$1,522
	150125 STATE TEL CO	\$3,221	\$3,062	\$6,283
	150128 SYLVAN LAKE TEL CO	\$530	\$544	\$1,074
	150129 TOWNSHIP TEL CO	\$600	\$524	\$1,124
	150131 TRUMANSBURG HOME TEL	\$906	\$1,022	\$1,928
	150133 VERNON TEL CO	\$0	\$499	\$499
	150135 WARWICK VALLEY-NY	\$270	\$270	\$540
	150136 WESTERN COUNTIES TEL	\$4,580	\$4,750	\$9,330
	155130 NEW YORK TEL CO	\$4,583,346	\$5,109,847	\$9,693,193
-----				
NY	STATE TOTAL	\$4,811,645	\$5,353,174	\$10,164,819
-----				
OH	300611 ELYRIA TEL CO	\$781	\$561	\$1,342
	300615 GTE NORTH INC. - OH	\$119,943	\$146,853	\$266,796
	300630 CENTEL OF OHIO	\$401	\$174	\$575
	300637 ALLTEL OHIO-NEWARK	\$902	\$536	\$1,438
	300661 UTC OF OHIO	\$7,554	\$7,001	\$14,555
	300666 WESTERN RESERVE TEL	\$2,154	\$1,570	\$3,724
	305062 CINCINNATI BELL-OH	\$5,090	\$5,184	\$10,274
	305150 OHIO BELL TEL CO	\$185,397	\$170,752	\$356,149
-----				
OH	STATE TOTAL	\$322,222	\$332,631	\$654,853
-----				
OK	STATE TOTAL	\$0	\$0	\$0
-----				
OR	532226 MIDVALE TEL EXCH -OR	\$20	\$24	\$44
	532304 C P NATIONAL CORP-OR	\$6,262	\$6,264	\$12,526
	532359 BEAVER CREEK COOP	\$506	\$348	\$854
	532361 TEL UTIL OF OREGON	\$14,179	\$13,612	\$27,791
	532362 CANBY TEL ASSN	\$1,361	\$1,258	\$2,619
	532363 CLEAR CREEK MUTUAL	\$203	\$200	\$403
	532364 COLTON TEL CO	\$213	\$216	\$429
	532369 EAGLE TEL SYSTEMS	\$187	\$160	\$347
	532371 CASCADE UTIL INC	\$1,984	\$1,520	\$3,504
	532373 GERVAIS TELEPHONE CO	\$237	\$123	\$360
	532375 RTI/HALSEY TEL CO	\$124	\$104	\$228
	532376 HELIX TEL CO.	\$42	\$42	\$84
	532377 HOME TELEPHONE CO	\$199	\$277	\$476
	532378 TRANS-CASCADES TEL	\$0	\$25	\$25
	532383 MOLALLA TEL CO.	\$1,566	\$1,566	\$3,132
	532384 MONITOR COOP TEL	\$23	\$24	\$47
	532385 MONROE TELEPHONE CO.	\$294	\$210	\$504
	532386 MT. ANGEL TEL CO.	\$659	\$607	\$1,266

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
OR	532387 NEHALEM TEL & TEL	\$301	\$218	\$519
	532388 NORTH STATE TEL CO.	\$75	\$42	\$117
	532389 OREGON TEL CORP	\$405	\$327	\$732
	532392 PINE TEL SYSTEM INC.	\$302	\$310	\$612
	532393 PIONEER TEL COOP	\$3,320	\$2,504	\$5,824
	532396 ST PAUL COOP ASSN	\$120	\$100	\$220
	532397 SCIO MUTUAL TEL ASSN	\$416	\$431	\$847
	532399 STAYTON COOP TEL CO	\$2,587	\$2,447	\$5,034
	532400 UTC OF THE NW - OR	\$17,214	\$15,893	\$33,107
	532416 GTE NORTHWEST INC-OR	\$84,000	\$72,000	\$156,000
	532449 CONTEL OF THE NW- OR	\$5,969	\$5,086	\$11,055
	532456 MALHEUR HOME TEL CO	\$4,508	\$4,314	\$8,822
	535163 PACIFIC NW BELL-OR	\$335,012	\$330,327	\$665,339
OR	STATE TOTAL	\$482,288	\$460,579	\$942,867
PA	STATE TOTAL	\$0	\$0	\$0
PR	STATE TOTAL	\$0	\$0	\$0
RI	585114 NEW ENGLAND TEL - RI	\$294,351	\$312,773	\$607,124
RI	STATE TOTAL	\$294,351	\$312,773	\$607,124
SC	STATE TOTAL	\$0	\$0	\$0
SD	395145 NORTHWESTERN BELL-SD	\$101,625	\$101,148	\$202,773
SD	STATE TOTAL	\$101,625	\$101,148	\$202,773
TN	STATE TOTAL	\$0	\$0	\$0
TX	442038 BLOSSOM TEL CO	\$84	\$116	\$200
	442039 BIG BEND TEL CO INC	\$399	\$433	\$832
	442040 BRAZORIA TEL CO	\$148	\$142	\$290
	442043 BYERS & PETROLIA TEL	\$84	\$108	\$192
	442046 CAP ROCK TEL CO INC	\$0	\$872	\$872
	442052 CENTRAL TEXAS CO-OP	\$432	\$357	\$789
	442059 COLORADO VALLEY TEL	\$425	\$461	\$886
	442060 COMANCHE COUNTY TEL	\$530	\$505	\$1,035

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
TX	442065 CUMBY TEL COOP INC	\$36	\$48	\$84
	442068 EASTEX TEL COOP INC	\$2,349	\$2,261	\$4,610
	442069 ELECTRA TELEPHONE CO	\$267	\$240	\$507
	442070 ETEX TEL COOP INC	\$1,111	\$921	\$2,032
	442071 FIVE AREA TEL CO-OP	\$24	\$34	\$58
	442072 FORT BEND TEL CO	\$309	\$352	\$661
	442076 GANADO TELEPHONE CO	\$77	\$69	\$146
	442080 GTE SOUTHWEST INC-TX	\$64,108	\$59,534	\$123,642
	442083 GUADALUPE VALLEY TEL	\$14	\$10	\$24
	442084 UTC OF TEXAS INC	\$19,044	\$20,875	\$39,919
	442086 HILL COUNTRY CO-OP	\$210	\$199	\$409
	442093 INDUSTRY TEL CO	\$92	\$36	\$128
	442097 KERRVILLE TEL CO	\$523	\$595	\$1,118
	442103 LA WARD TEL EXCHANGE	\$24	\$34	\$58
	442105 LIPAN TEL CO	\$14	\$18	\$32
	442109 LUFKIN-CONROE TEL EX	\$4,253	\$4,560	\$8,813
	442114 CENTEL OF TEXAS	\$3,109	\$4,254	\$7,363
	442116 MUENSTER TEL CORP-TX	\$28	\$24	\$52
	442130 PEOPLES TEL COOP -TX	\$551	\$566	\$1,117
	442131 POKA-LAMBRO TEL COOP	\$150	\$153	\$303
	442134 RIVIERA TEL CO INC	\$83	\$62	\$145
	442135 SOUTHWEST TEXAS TEL	\$35	\$336	\$371
	442136 ROMAIN TELEPHONE CO	\$83	\$46	\$129
	442140 SAN MARCOS TEL CO	\$692	\$573	\$1,265
	442141 SANTA ROSA TEL COOP	\$142	\$126	\$268
	442147 SUGAR LAND TEL CO	\$432	\$373	\$805
	442151 TAYLOR TEL CO-OP INC	\$193	\$388	\$581
	442153 TEXAS-MIDLAND TEL	\$505	\$324	\$829
	442154 CONTEL OF TEXAS	\$27,077	\$37,378	\$64,455
	442155 TRI-COUNTY TEL - TX	\$172	\$150	\$322
	442156 TRINITY VALLEY TEL	\$322	\$184	\$506
	442159 VALLEY TEL CO-OP -TX	\$696	\$696	\$1,392
	442166 WEST TEXAS RURAL TEL	\$1	\$0	\$1
	442168 WES-TEX TEL CO-OP	\$58	\$68	\$126
	442170 XIT RURAL TEL CO-OP	\$24	\$24	\$48
	442262 ENMR TEL COOP-TX	\$54	\$18	\$72
	445216 SOUTHWESTERN BELL-TX	\$313,878	\$287,719	\$601,597
TX	STATE TOTAL	\$442,842	\$426,242	\$869,084
UT	502177 CONTEL THE WEST - UT	\$8,607	\$8,895	\$17,502
	505107 MOUNTAIN BELL-UT	\$168,355	\$273,329	\$441,684
UT	STATE TOTAL	\$176,962	\$282,224	\$459,186

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
VA	190217 AMELIA TEL CORP	\$1,368	\$1,368	\$2,736
	190219 BUGGS ISLAND COOP	\$994	\$1,012	\$2,006
	190225 CITIZENS TEL COOP	\$681	\$793	\$1,474
	190226 CLIFTON FORGE WAYNES	\$1,957	\$2,598	\$4,555
	190233 CONTEL OF VIRGINIA	\$36,202	\$40,310	\$76,512
	190236 NORTH RIVER TEL COOP	\$42	\$0	\$42
	190237 HIGHLAND TEL COOP	\$126	\$136	\$262
	190238 MT GROVE-WILLIAMSVIL	\$90	\$116	\$206
	190243 PEMBROKE TEL COOP	\$159	\$208	\$367
	190244 PEOPLES MUTUAL TEL	\$800	\$891	\$1,691
	190248 SCOTT COUNTY COOP	\$2,081	\$2,476	\$4,557
	190249 ROANOKE & BOTETOURT	\$46	\$42	\$88
	190250 SHENANDOAH TEL CO	\$1,126	\$1,413	\$2,539
	190253 VIRGINIA HOT SPRINGS	\$98	\$144	\$242
	190254 CENTEL OF VIRGINIA	\$64,841	\$70,794	\$135,635
	190479 GTE SOUTH INC. - VA	\$8,845	\$8,418	\$17,263
	190567 UNITED INTER-MT-VA	\$49,397	\$55,444	\$104,841
	195040 C & P TEL CO OF VA	\$144,555	\$144,212	\$288,767
-----				
VA	STATE TOTAL	\$313,408	\$330,375	\$643,783
-----				
VI	STATE TOTAL	\$0	\$0	\$0
-----				
VT	140053 FRANKLIN TEL CO - VT	\$668	\$777	\$1,445
	140058 LUDLOW TEL CO	\$2,810	\$3,106	\$5,916
	140061 NORTHFIELD TEL CO	\$3,486	\$3,945	\$7,431
	140062 PERKINSVILLE TEL CO	\$641	\$706	\$1,347
	140064 SHOREHAM TEL CO INC.	\$2,590	\$3,001	\$5,591
	140068 TOPSHAM TEL CO	\$1,666	\$1,782	\$3,448
	140069 WAITSFIELD/FAYSTON	\$1,256	\$1,414	\$2,670
	140070 CONTEL OF VERMONT	\$34,886	\$38,278	\$73,164
	145115 NEW ENGLAND TEL-VT	\$309,223	\$323,773	\$632,996
-----				
VT	STATE TOTAL	\$357,226	\$376,782	\$734,008
-----				
WA	522404 ASOTIN TEL - WA	\$157	\$108	\$265
	522408 TEL UTIL OF WA INC	\$94	\$118	\$212
	522410 COWICHE TELEPHONE CO	\$24	\$27	\$51
	522416 GTE NORTHWEST INC-WA	\$12,000	\$8,000	\$20,000
	522419 HOOD CANAL TEL CO	\$21	\$18	\$39
	522423 INLAND TEL CO -WA	\$157	\$469	\$626
	522426 KALAMA TEL CO	\$107	\$105	\$212
	522436 PENINSULA TELECOMM	\$113	\$100	\$213
	522437 PIONEER TEL CO	\$59	\$60	\$119
	522442 ST JOHN TEL CO	\$12	\$12	\$24

LIFELINE END USER CHARGES WAIVED

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
WA 522449	CONTEL OF THE NW-WA	\$7,243	\$5,972	\$13,215
522451	WESTERN WAHIAKUM	\$21	\$14	\$35
522452	WHIDBEY TEL CO.	\$314	\$357	\$671
522453	YELM TELEPHONE CO	\$0	\$210	\$210
525161	PACIFIC NW BELL-WA	\$416,212	\$609,517	\$1,025,729
-----				
WA	STATE TOTAL	\$436,534	\$625,087	\$1,061,621
-----				
WI 330950	OLON SPRINGS TEL CO	\$117	\$72	\$189
-----				
WI	STATE TOTAL	\$117	\$72	\$189
-----				
WV 200256	ARMSTRONG OF WV	\$0	\$205	\$205
200267	ARMSTRONG TEL. CO.	\$0	\$487	\$487
200270	MOUNTAIN STATE TEL	\$4,067	\$4,226	\$8,293
-----				
WV 200278	CONTEL OF WV	\$11,083	\$11,109	\$22,192
200479	GTE SOUTH INC. - WV	\$7,608	\$6,012	\$13,620
205050	C & P TEL CO OF WV	\$99,447	\$94,470	\$193,917
-----				
WV	STATE TOTAL	\$122,205	\$116,509	\$238,714
-----				
WY	STATE TOTAL	\$0	\$0	\$0
-----				
	=====	=====	=====	=====
	INDUSTRY TOTAL	26,944,491	29,334,351	56,278,842



TABLE 2.6

## LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
AK		STATE TOTAL	\$0	\$0	\$0
AL	250283	BRINDLEE MOUNTAIN	\$26	\$30	\$56
	250290	FARMERS TEL COOP -AL	\$0	\$20	\$20
	250293	GTE SOUTH INC. - AL	\$1,067	\$1,209	\$2,276
	250300	HOPPER TEL. CO INC	\$13	\$42	\$55
	250306	MONROEVILLE TEL CO	\$30	\$0	\$30
	250312	ONEONTA TEL CO	\$0	\$21	\$21
	250314	PEOPLES TEL CO	\$36	\$108	\$144
	250315	PINE BELT TEL CO	\$0	\$78	\$78
	250316	RAGLAND TEL CO	\$5	\$0	\$5
	250318	SOUTHLAND TEL CO-AL	\$123	\$0	\$123
	250322	UNION SPRINGS TEL CO	\$85	\$43	\$128
	255181	SO CENTRAL BELL-AL	\$15,050	\$18,232	\$33,282
AL		STATE TOTAL	\$16,435	\$19,783	\$36,218
AR	401691	ALLTEL ARKANSAS INC	\$977	\$1,106	\$2,083
	401697	CENTRAL ARKANSAS TEL	\$32	\$0	\$32
	401702	SOUTH ARKANSAS TEL	\$0	\$16	\$16
	401704	LAVACA TEL CO-AR	\$6	\$0	\$6
	401705	CENTURY OF ARKANSAS	\$407	\$829	\$1,236
	401710	MAGAZINE TEL CO	\$0	\$21	\$21
	401711	MOUNTAIN HOME TEL	\$214	\$398	\$612
	401713	NORTH ARKANSAS TEL	\$162	\$69	\$231
	401718	PRAIRIE GROVE TEL CO	\$9	\$0	\$9
	401720	REDFIELD TEL CO	\$16	\$16	\$32
	401722	E RITTER TEL CO	\$44	\$32	\$76
	401726	TRI-COUNTY TEL CO-AR	\$86	\$0	\$86
	401729	WALNUT HILL TEL CO	\$0	\$270	\$270
	401730	CONTEL OF ARKANSAS	\$530	\$259	\$789
	401790	CON KS DBA CON AR	\$109	\$119	\$228
	402080	GTE SOUTHWEST INC-AR	\$5,745	\$3,340	\$9,085
	405211	SOUTHWESTERN BELL-AR	\$35,830	\$43,332	\$79,162
AR		STATE TOTAL	\$44,167	\$49,807	\$93,974
AZ	455101	MOUNTAIN BELL - AZ	\$1,257	\$628	\$1,885
AZ		STATE TOTAL	\$1,257	\$628	\$1,885
CA		STATE TOTAL	\$0	\$0	\$0

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
CO	465102	MOUNTAIN BELL-CO	\$0	\$4,401	\$4,401
CO		STATE TOTAL	\$0	\$4,401	\$4,401
CT	135200	SOUTHERN NEW ENGLAND	\$25,639	\$32,663	\$58,302
CT		STATE TOTAL	\$25,639	\$32,663	\$58,302
DC	575020	C & P TEL CO OF WASH	\$3,526	\$4,277	\$7,803
DC		STATE TOTAL	\$3,526	\$4,277	\$7,803
DE		STATE TOTAL	\$0	\$0	\$0
FL	210318	SOUTHLAND TEL-FL	\$21	\$0	\$21
	210328	GTE FLORIDA INC.	\$14,122	\$21,954	\$36,076
	210336	ALLTEL FLORIDA INC.	\$480	\$615	\$1,095
	210340	CENDEL OF FLORIDA	\$910	\$1,272	\$2,182
	210341	UTC OF FLORIDA	\$5,573	\$4,902	\$10,475
	215191	SOUTHERN BELL-FL	\$16,775	\$16,701	\$33,476
FL		STATE TOTAL	\$37,881	\$45,444	\$83,325
GA		STATE TOTAL	\$0	\$0	\$0
HI	623100	GTE HAWAIIAN TEL. CO	\$1,968	\$6,924	\$8,892
HI		STATE TOTAL	\$1,968	\$6,924	\$8,892
IA	351118	CASCADE TEL CO	\$0	\$40	\$40
	351125	CENTRAL SCOTT TEL CO	\$33	\$0	\$33
	351127	CENDEL OF IOWA	\$65	\$108	\$173
	351129	THE CITIZENS MUTUAL	\$90	\$80	\$170
	351133	C-M-L TEL COOP ASSN	\$5	\$4	\$9
	351168	FARMERS MUTUAL COOP	\$9	\$0	\$9
	351176	FARMERS TEL CO-ESSEX	\$0	\$5	\$5
	351186	GTE NORTH INC. - IA	\$418	\$1,184	\$1,602
	351187	MID-IOWA TEL CO	\$57	\$0	\$57
	351189	RIVER VALLEY COOP	\$0	\$6	\$6
	351191	GRAND MOUND COOP TEL	\$0	\$8	\$8
	351205	HUXLEY COOP TEL CO	\$9	\$0	\$9
	351206	IAMO TEL CO - IA	\$0	\$10	\$10

LINK-UP LIFELINE CONNECTION ASSISTANCE

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
IA	351207 CONTEL OF IOWA, INC.	\$1,871	\$2,354	\$4,225
	351212 JEFFERSON TEL CO -IA	\$10	\$0	\$10
	351217 KEYSTONE FRMS COOP	\$13	\$13	\$26
	351223 LAUREL TEL CO, INC	\$0	\$22	\$22
	351252 MUTUAL TEL CO	\$0	\$26	\$26
	351260 NORTHWEST IOWA TEL	\$0	\$38	\$38
	351261 NORTHWEST TEL COOP	\$9	\$9	\$18
	351263 OGDEN TEL CO - IA	\$5	\$0	\$5
	351291 SCHALLER TEL CO	\$23	\$0	\$23
	351297 HEART OF IOWA COOP	\$26	\$26	\$52
	351303 COOP TEL EXCHANGE	\$3	\$8	\$11
	351320 VAN HORNE COOP TEL	\$0	\$10	\$10
	351324 VILLISCA FARMERS TEL	\$0	\$14	\$14
	351328 WEBSTER-CALHOUN COOP	\$140	\$180	\$320
	351331 WEST IOWA TEL CO	\$10	\$40	\$50
	351332 WEST LIBERTY TEL CO	\$40	\$0	\$40
	351334 WESTERN IOWA ASSN	\$6	\$0	\$6
	351337 WINNEBAGO COOP ASSN	\$8	\$8	\$16
	351346 ACE TEL ASSN-IA	\$0	\$38	\$38
	351405 HILLS TEL CO, INC-IA	\$38	\$0	\$38
	351790 CONTEL-KS DBA CON-IA	\$1,371	\$1,909	\$3,280
	351888 GRAND RIVER MUT-IA	\$30	\$28	\$58
	355141 NORTHWESTERN BELL-IA	\$33,120	\$53,172	\$86,292
IA	STATE TOTAL	\$37,409	\$59,340	\$96,749
ID	472177 CONTEL OF WEST-ID	\$0	\$100	\$100
	472231 PROJECT MUTUAL TEL	\$208	\$0	\$208
	475103 MOUNTAIN BELL-ID	\$35	\$1,628	\$1,663
ID	STATE TOTAL	\$243	\$1,728	\$1,971
IL	340985 CENTEL OF ILLINOIS	\$293	\$221	\$514
	340993 CROSSVILLE TEL CO	\$0	\$5	\$5
	340998 DEPUE TEL CO	\$8	\$0	\$8
	341003 EGYPTIAN COOP ASSN	\$0	\$9	\$9
	341015 GTE NORTH INC. - IL	\$1,728	\$3,217	\$4,945
	341020 GRAFTON TEL CO	\$0	\$8	\$8
	341023 GRIDLEY TEL CO	\$0	\$8	\$8
	341025 SHAWNEE TELEPHONE CO	\$24	\$51	\$75
	341026 HARRISONVILLE TEL CO	\$26	\$209	\$235
	341036 CONTEL OF ILLINOIS	\$0	\$925	\$925
	341037 IL CONSOLIDATED TEL	\$238	\$567	\$805

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
IL	341047	MCDONOUGH TEL COOP	\$7	\$27	\$34
	341049	MADISON TEL CO	\$0	\$10	\$10
	341050	MARSEILLES TEL CO	\$0	\$16	\$16
	341053	METAMORA TEL CO	\$0	\$4	\$4
	341065	ODIN TEL EXCH INC	\$0	\$11	\$11
	341088	WABASH TEL COOP, INC	\$0	\$15	\$15
	345070	ILLINOIS BELL TEL CO	\$105,166	\$304,062	\$409,228
IL		STATE TOTAL	\$107,490	\$309,386	\$416,876
IN	320772	GTE NORTH INC. - IN	\$2,488	\$2,317	\$4,805
	320779	CONTEL OF INDIANA	\$915	\$1,026	\$1,941
	320818	SMITHVILLE TEL CO	\$0	\$165	\$165
	320819	SE INDIANA RURAL	\$30	\$20	\$50
	320828	THORNTOWN TEL CO	\$0	\$9	\$9
	320832	UTC OF INDIANA	\$636	\$518	\$1,154
	325080	INDIANA BELL TEL CO	\$10,315	\$13,911	\$24,226
IN		STATE TOTAL	\$14,384	\$17,966	\$32,350
KS	411317	UTC-IA DBA UTC-E. KS	\$47	\$89	\$136
	411746	BLUE VALLEY TEL CO	\$0	\$40	\$40
	411758	COUNCIL GROVE TEL CO	\$0	\$11	\$11
	411785	J. B. N. TEL CO INC	\$2	\$0	\$2
	411833	SOUTHERN KANSAS TEL	\$20	\$18	\$38
	411842	UTC OF KANSAS	\$1,014	\$857	\$1,871
KS	415214	SOUTHWESTERN BELL-KS	\$5,871	\$8,236	\$14,107
KS		STATE TOTAL	\$6,954	\$9,251	\$16,205
KY	260396	BALLARD RURAL COOP	\$5	\$132	\$137
	260398	BRANDENBURG TEL CO	\$323	\$254	\$577
	260401	DUO COUNTY TEL COOP	\$60	\$160	\$220
	260402	ALLTEL KENTUCKY	\$131	\$275	\$406
	260407	GTE SOUTH INC. - KY	\$10,921	\$8,868	\$19,789
	260408	HAROLD TEL CO	\$55	\$21	\$76
	260410	CONTEL OF KENTUCKY	\$12,866	\$12,231	\$25,097
	260411	LESLIE COUNTY TEL CO	\$1,513	\$1,873	\$3,386
	260413	LOGAN TEL. COOP. INC	\$14	\$140	\$154
	260414	MOUNTAIN RURAL COOP	\$169	\$203	\$372
	260415	PEOPLES RURAL COOP	\$1,091	\$1,151	\$2,242
	260418	SOUTH CENTRAL RURAL	\$410	\$542	\$952
	260419	THACKER/GRIGSBY TEL	\$203	\$227	\$430
	260421	WEST KENTUCKY RURAL	\$49	\$30	\$79

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
KY	265061	CINCINNATI BELL-KY	\$813	\$787	\$1,600
	265182	SO CENTRAL BELL-KY	\$57,263	\$62,099	\$119,362
KY		STATE TOTAL	\$85,886	\$88,993	\$174,879
LA	270423	CENTRAL LOUISIANA	\$5,852	\$3,058	\$8,910
	270424	COASTAL TEL & ELECTR	\$3,124	\$1,936	\$5,060
	270427	CHATHAM TEL CO	\$23	\$0	\$23
	270431	CADDOAN TEL CO	\$2,134	\$1,452	\$3,586
	270432	KAPLAN TEL CO	\$92	\$124	\$216
	270434	EVANGELINE TEL CO	\$11,726	\$7,150	\$18,876
	270435	NORTHEAST LOUISIANA	\$73	\$106	\$179
	270436	CENTURY NORTH LA	\$1,848	\$1,342	\$3,190
	270438	RESERVE TEL CO	\$522	\$435	\$957
	270440	CENTURY TEL CO	\$946	\$968	\$1,914
	270442	LOUISIANA WESTERN	\$550	\$726	\$1,276
	275183	SO CENTRAL BELL-LA	\$258,455	\$473,847	\$732,302
	LA		STATE TOTAL	\$285,345	\$491,144
MA	115112	NEW ENGLAND TEL-MA	\$0	\$49,767	\$49,767
MA		STATE TOTAL	\$0	\$49,767	\$49,767
MD	185030	C & P TEL CO OF MD	\$3,224	\$79,979	\$83,203
MD		STATE TOTAL	\$3,224	\$79,979	\$83,203
ME	100002	BRYANT POND TEL CO	\$0	\$60	\$60
	100004	CHINA TEL CORP	\$77	\$41	\$118
	100005	COBOSSEECONTEE TEL	\$13	\$0	\$13
	100010	HAMPDEN TEL CO	\$99	\$204	\$303
	100011	HARTLAND & ST ALBANS	\$307	\$190	\$497
	100014	CONTEL OF MAINE	\$2,549	\$3,983	\$6,532
	100015	COMMUNITY SERVICE	\$181	\$320	\$501
	100019	OXFORD COUNTY TEL	\$263	\$421	\$684
	100024	SOMERSET TEL CO	\$81	\$120	\$201
	100025	STANDISH TEL CO	\$159	\$212	\$371
	100031	WARREN TEL CO	\$60	\$110	\$170
	100034	WEST PENOBSCOT TEL	\$300	\$430	\$730
	105111	NEW ENGLAND TEL-ME	\$74,984	\$101,963	\$176,947
ME		STATE TOTAL	\$79,073	\$108,054	\$187,127

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
MI	315090	MICHIGAN BELL TEL CO	\$157,982	\$201,919	\$359,901
MI		STATE TOTAL	\$157,982	\$201,919	\$359,901
MN	361140	CONTEL OF MINNESOTA	\$192	\$382	\$574
	361367	CENDEL OF MN	\$544	\$8,326	\$8,870
	361405	HILLS TEL CO, INC	\$28	\$0	\$28
	361407	HOHMAN TEL CO	\$70	\$30	\$100
	361414	LAKEDALE TEL CO	\$22	\$0	\$22
	361430	MELROSE TEL CO	\$40	\$26	\$66
	361454	PINE ISLAND TEL CO	\$12	\$0	\$12
	361456	UTC OF MINNESOTA	\$106	\$81	\$187
	361491	TWIN VALLEY-ULEN TEL	\$7	\$0	\$7
	361499	CROSSLAKE TEL CO	\$30	\$0	\$30
	365142	NORTHWESTERN BELL-MN	\$4,224	\$4,976	\$9,200
MN		STATE TOTAL	\$5,275	\$13,821	\$19,096
MO	421186	GTE NORTH INC. - MO	\$149	\$36	\$185
	421206	IAMO TEL CO - MO	\$0	\$10	\$10
	421789	KS ST DBA CON E. MO	\$344	\$90	\$434
	421846	CONTINENTAL SYS. -MO	\$95	\$149	\$244
	421865	CITIZENS TEL CO - MO	\$20	\$0	\$20
	421873	EASTERN MISSOURI TEL	\$8	\$0	\$8
	421874	ELLINGTON TEL CO	\$0	\$33	\$33
	421885	ALLTEL MISSOURI	\$320	\$332	\$652
	421888	GRAND RIVER MUT-MO	\$73	\$36	\$109
	421890	GREEN HILLS TEL CORP	\$0	\$3	\$3
	421904	MISSOURI TEL CO	\$108	\$0	\$108
	421917	MID-MISSOURI TEL CO	\$0	\$8	\$8
	421922	CONTEL OF MISSOURI	\$632	\$442	\$1,074
	421927	NEW FLORENCE TEL CO	\$0	\$20	\$20
	421949	STEELVILLE TEL EXCH	\$15	\$3	\$18
	421957	UTC OF MISSOURI	\$2,388	\$2,518	\$4,906
	425213	SOUTHWESTERN BELL-MO	\$12,442	\$9,741	\$22,183
MO		STATE TOTAL	\$16,594	\$13,421	\$30,015
MS	280446	BAY SPRINGS TEL CO	\$0	\$30	\$30
	280453	ALLTEL MISSISSIPPI	\$3	\$61	\$64
	280456	GEORGETOWN TEL CO	\$174	\$0	\$174
	280458	HOME TEL CO-OLIVE BR	\$66	\$66	\$132
	280460	MID-SOUTH TEL CO	\$0	\$189	\$189
	285184	SO CENTRAL BELL-MS	\$21,639	\$15,804	\$37,443
MS		STATE TOTAL	\$21,882	\$16,150	\$38,032

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
MT	482235	BLACKFOOT TEL COOP	\$98	\$115	\$213
	482244	LINCOLN TEL CO INC	\$0	\$60	\$60
	482251	RANGE TEL COOP-MT	\$0	\$360	\$360
	482257	TRIANGLE TEL COOP	\$20	\$20	\$40
	485104	MOUNTAIN BELL-MT	\$17,995	\$14,661	\$32,656
MT		STATE TOTAL	\$18,113	\$15,216	\$33,329
NC	230470	CAROLINA TEL & TEL	\$13,436	\$12,037	\$25,473
	230471	CENTEL OF NC	\$1,590	\$1,007	\$2,597
	230473	CITIZENS TEL CO	\$163	\$150	\$313
	230474	CONCORD TEL CO	\$33	\$53	\$86
	230476	ALLTEL CAROLINA-NO	\$164	\$172	\$336
	230478	ELLERBE TEL CO	\$0	\$10	\$10
	230479	GTE SOUTH INC - NC	\$806	\$974	\$1,780
	230481	HEINS TEL CO	\$182	\$120	\$302
	230483	LEXINGTON TEL CO	\$67	\$106	\$173
	230491	NORTH STATE TEL CO	\$15	\$6	\$21
	230499	SANDHILL TEL CO	\$63	\$0	\$63
	230501	SKYLINE MEMBERSHIP	\$48	\$0	\$48
	230502	STAR MEMBERSHIP CORP	\$84	\$36	\$120
	230509	CONTEL OF NC	\$785	\$787	\$1,572
	235193	SOUTHERN BELL-NC	\$4,870	\$3,466	\$8,336
NC		STATE TOTAL	\$22,306	\$18,924	\$41,230
ND	381447	CONTEL OF N. DAKOTA	\$267	\$305	\$572
	381607	CONSOLIDATED COOP	\$0	\$13	\$13
	381610	DAKOTA CENTRAL RURAL	\$0	\$22	\$22
	381624	NORTH. STATES POWER	\$345	\$276	\$621
	381630	POLAR COMM MUT AID	\$12	\$0	\$12
	381632	RESERVATION TEL COOP	\$124	\$106	\$230
	381634	SOURIS RIVER TEL MUT	\$7	\$40	\$47
	385144	NORTHWESTERN BELL-ND	\$3,870	\$2,370	\$6,240
ND		STATE TOTAL	\$4,625	\$3,132	\$7,757
NE	371186	GTE NORTH INC. - NE	\$33	\$133	\$166
	371559	HENDERSON CO-OP TEL	\$3	\$0	\$3
	371568	LINCOLN TEL & TEL CO	\$856	\$1,452	\$2,308
	371595	UTC OF THE WEST-NE	\$734	\$356	\$1,090
	375143	NORTHWESTERN BELL-NE	\$2,071	\$1,088	\$3,159
NE		STATE TOTAL	\$3,697	\$3,029	\$6,726
NH	120041	CONTEL OF NH	\$41	\$17	\$58
	125113	NEW ENGLAND TEL-NH	\$2,594	\$3,040	\$5,634

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
NH		STATE TOTAL	\$2,635	\$3,057	\$5,692
NJ	160135	WARWICK VALLEY-NJ	\$2	\$0	\$2
	160138	UNITED TEL - NJ, INC	\$16	\$28	\$44
	165120	NEW JERSEY BELL	\$3,237	\$5,145	\$8,382
NJ		STATE TOTAL	\$3,255	\$5,173	\$8,428
NM	492177	CONTEL OF WEST - NM	\$300	\$240	\$540
	492268	WESTERN NEW MEXICO	\$0	\$101	\$101
	495105	MOUNTAIN BELL-NM	\$16,550	\$10,250	\$26,800
NM		STATE TOTAL	\$16,850	\$10,591	\$27,441
NV	552223	GEM STATE UTIL-NV	\$41	\$0	\$41
	552302	CONTEL OF CALIF-NV	\$40	\$400	\$440
	552348	CENTEL OF NV	\$170	\$168	\$338
	552353	MOAPA VALLEY TEL CO.	\$139	\$32	\$171
NV		STATE TOTAL	\$390	\$600	\$990
NY	150071	ARMSTRONG TEL CO-NY	\$0	\$480	\$480
	150077	CHAMPLAIN TEL CO	\$0	\$1,734	\$1,734
	150078	CHAUTAUQUA & ERIE	\$571	\$1,148	\$1,719
	150079	CHAZY & WESTPORT	\$59	\$15	\$74
	150081	CITIZENS HAMMOND NY	\$0	\$40	\$40
	150089	DEPOSIT TEL CO	\$195	\$405	\$600
	150093	EMPIRE TEL CORP	\$22	\$20	\$42
	150096	CONTEL OF NY, INC	\$362	\$484	\$846
	150099	HANCOCK TEL CO	\$0	\$80	\$80
	150107	NEWPORT TEL CO	\$40	\$110	\$150
	150108	NICHOLVILLE TEL CO	\$85	\$228	\$313
	150111	ONEIDA COUNTY RURAL	\$17	\$0	\$17
	150112	ONTARIO TEL CO	\$0	\$6	\$6
	150116	PATTERSONVILLE TEL	\$60	\$20	\$80
	150119	RED HOOK TEL CO	\$30	\$15	\$45
	150121	ROCHESTER TEL CORP	\$18,244	\$25,930	\$44,174
	150122	SENECA-GORHAM TEL	\$77	\$0	\$77
	150129	TOWNSHIP TEL CO	\$18	\$0	\$18
	150131	TRUMANSBURG HOME TEL	\$112	\$265	\$377
	150136	WESTERN COUNTIES TEL	\$15	\$30	\$45
	155130	NEW YORK TEL CO	\$926,823	\$2,056,603	\$2,983,426
NY		STATE TOTAL	\$946,730	\$2,087,613	\$3,034,343



LINK-UP LIFELINE CONNECTION ASSISTANCE

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
OH	300597 THE CHILLICOTHE TEL	\$153	\$689	\$842
	300611 ELYRIA TEL CO	\$170	\$0	\$170
	300615 GTE NORTH INC. - OH	\$59,539	\$84,556	\$144,095
	300630 CENTEL OF OHIO	\$401	\$174	\$575
	300634 MINFORD TEL CO	\$388	\$662	\$1,050
	300637 ALLTEL OHIO-NEWARK	\$126	\$46	\$172
	300645 OAKWOOD MUTUAL TEL	\$26	\$15	\$41
	300650 OTTOVILLE MUTUAL	\$20	\$0	\$20
	300661 UTC OF OHIO	\$2,172	\$4,308	\$6,480
	300666 WESTERN RESERVE TEL	\$474	\$903	\$1,377
	305062 CINCINNATI BELL-OH	\$461	\$667	\$1,128
	305150 OHIO BELL TEL CO	\$37,797	\$92,985	\$130,782
OH	STATE TOTAL	\$101,727	\$185,005	\$286,732
OK	STATE TOTAL	\$0	\$0	\$0
OR	532304 C P NATIONAL CORP-OR	\$143	\$187	\$330
	532359 BEAVER CREEK COOP	\$15	\$0	\$15
	532361 TEL UTIL OF OREGON	\$2,088	\$2,286	\$4,374
	532362 CANBY TEL ASSN	\$9	\$0	\$9
	532371 CASCADE UTIL INC	\$83	\$28	\$111
	532383 MOLALLA TEL CO.	\$36	\$36	\$72
	532386 MT. ANGEL TEL CO.	\$45	\$15	\$60
	532389 OREGON TEL CORP	\$0	\$30	\$30
	532393 PIONEER TEL COOP	\$0	\$28	\$28
	532399 STAYTON COOP TEL CO	\$116	\$31	\$147
	532400 UTC OF THE NW - OR	\$688	\$575	\$1,263
	532449 CONTEL OF THE NW- OR	\$216	\$160	\$376
	532456 MALHEUR HOME TEL CO	\$83	\$177	\$260
	535163 PACIFIC NW BELL-OR	\$2,112	\$6,054	\$8,166
OR	STATE TOTAL	\$5,634	\$9,607	\$15,241
PA	170145 THE BENTLEYVILLE TEL	\$55	\$155	\$210
	170150 BROOKVILLE TEL CO	\$265	\$512	\$777
	170157 CITIZENS UTIL OF PA	\$634	\$798	\$1,432
	170161 C-TEC CORPORATION	\$973	\$3,564	\$4,537
	170162 THE CONESTOGA TEL	\$0	\$128	\$128
	170165 DENVER & EPHRATA	\$124	\$466	\$590
	170168 ENTERPRISE TEL CO	\$0	\$33	\$33
	170169 GTE NORTH INC. - PA	\$1,152	\$1,658	\$2,810
	170171 HICKORY TEL CO	\$72	\$34	\$106
	170176 ALLTEL PENNSYLVANIA	\$576	\$1,264	\$1,840
	170178 LAKEWOOD TEL CO.	\$8	\$24	\$32
	170183 MAHANAY & MAHANTONGO	\$0	\$20	\$20

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
PA	170189	ARMSTRONG TEL CO-PA	\$0	\$16	\$16
	170191	NORTH EASTERN PA TEL	\$0	\$22	\$22
	170192	NORTH PENN TEL CO	\$90	\$107	\$197
	170194	OSWAYO RIVER TEL CO	\$42	\$85	\$127
	170200	PYMATUNING IND TEL	\$19	\$19	\$38
	170209	UTC OF PENNSYLVANIA	\$2,224	\$7,044	\$9,268
	175000	BELL OF PENNSYLVANIA	\$240,540	\$760,640	\$1,001,180
PA		STATE TOTAL	\$246,774	\$776,589	\$1,023,363
PR	633201	PUERTO RICO TEL CO	\$29,367	\$48,914	\$78,281
PR		STATE TOTAL	\$29,367	\$48,914	\$78,281
RI	585114	NEW ENGLAND TEL - RI	\$5,208	\$7,601	\$12,809
RI		STATE TOTAL	\$5,208	\$7,601	\$12,809
SC	240479	GTE SOUTH INC. - SC	\$4,420	\$4,543	\$8,963
	240506	UTC OF THE CAROLINAS	\$5,850	\$6,291	\$12,141
	240516	CHESTER TEL CO - SC	\$11	\$0	\$11
	240517	ALLTEL SO CAROLINA	\$172	\$0	\$172
	240521	FORT MILL TEL CO	\$71	\$71	\$142
	240526	CONTEL OF SC	\$38	\$38	\$76
	240528	HORRY TEL COOP	\$2,700	\$2,730	\$5,430
	240531	LANCASTER TEL CO	\$368	\$614	\$982
	240532	LOCKHART TEL CO INC	\$0	\$9	\$9
	240536	PALMETTO RURAL COOP	\$24	\$24	\$48
	240538	PIEDMONT RURAL COOP	\$167	\$140	\$307
	240542	ROCK HILL TEL CO	\$264	\$289	\$553
	240546	SANDHILL TEL COOP	\$0	\$71	\$71
	240550	WEST CAROLINA RURAL	\$120	\$90	\$210
	240551	WILLISTON TEL CO	\$72	\$72	\$144
	245194	SOUTHERN BELL-SC	\$8,816	\$6,312	\$15,128
SC		STATE TOTAL	\$23,093	\$21,294	\$44,387
SD	395145	NORTHWESTERN BELL-SD	\$4,183	\$4,884	\$9,067
SD		STATE TOTAL	\$4,183	\$4,884	\$9,067
TN	290479	GTE SOUTH INC. - TN	\$618	\$813	\$1,431
	290552	ADAMSVILLE TEL CO	\$0	\$54	\$54
	290553	BEN LOMAND RURAL	\$126	\$72	\$198
	290554	BLEDSON TEL COOP	\$159	\$7	\$166
	290557	CLAIBORNE TEL CO	\$45	\$120	\$165
	290562	DEKALB TEL COOP	\$219	\$126	\$345

LINK-UP LIFELINE CONNECTION ASSISTANCE

STUDY AREA STATE CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
TN	290565 HIGHLAND TEL COOP-TN	\$669	\$487	\$1,156
	290567 UNITED INTER-MT-TN	\$20,865	\$21,337	\$42,202
	290570 LORETTO TEL CO	\$13	\$9	\$22
	290573 NORTH CENTRAL COOP	\$49	\$136	\$185
	290575 TENNESSEE TEL CO	\$322	\$232	\$554
	290577 ALLTEL TENNESSEE	\$270	\$360	\$630
	290578 TELLICO TEL CO	\$84	\$83	\$167
	290579 TWIN LAKES TEL COOP	\$154	\$10	\$164
	295185 SO. CENTRAL BELL -TN	\$25,756	\$18,960	\$44,716
TN	STATE TOTAL	\$49,349	\$42,806	\$92,155
TX	442038 BLOSSOM TEL CO	\$0	\$26	\$26
	442068 EASTEX TEL COOP INC	\$426	\$681	\$1,107
	442071 FIVE AREA TEL CO-OP	\$6	\$8	\$14
	442080 GTE SOUTHWEST INC-TX	\$22,473	\$20,127	\$42,600
	442084 UTC OF TEXAS INC	\$2,493	\$6,569	\$9,062
	442093 INDUSTRY TEL CO	\$0	\$7	\$7
	442097 KERRVILLE TEL CO	\$0	\$8	\$8
	442109 LUFKIN-CONROE TEL EX	\$2,097	\$1,874	\$3,971
	442114 CENTEL OF TEXAS	\$71	\$889	\$960
	442134 RIVIERA TEL CO INC	\$75	\$30	\$105
	442147 SUGAR LAND TEL CO	\$75	\$0	\$75
	442154 CONTEL OF TEXAS	\$2,540	\$3,620	\$6,160
	442155 TRI-COUNTY TEL - TX	\$208	\$0	\$208
	442168 WES-TEX TEL CO-OP	\$5	\$0	\$5
	445216 SOUTHWESTERN BELL-TX	\$207,870	\$271,680	\$479,550
TX	STATE TOTAL	\$238,339	\$305,519	\$543,858
UT	505107 MOUNTAIN BELL-UT	\$6,177	\$4,189	\$10,366
UT	STATE TOTAL	\$6,177	\$4,189	\$10,366
VA	190217 AMELIA TEL CORP	\$144	\$144	\$288
	190219 BUGGS ISLAND COOP	\$6	\$16	\$22
	190225 CITIZENS TEL COOP	\$70	\$80	\$150
	190226 CLIFTON FORGE WAYNES	\$274	\$472	\$746
	190233 CONTEL OF VIRGINIA	\$4,433	\$5,121	\$9,554
	190237 HIGHLAND TEL COOP	\$12	\$0	\$12
	190243 PEMBROKE TEL COOP	\$24	\$5	\$29
	190244 PEOPLES MUTUAL TEL	\$73	\$174	\$247
	190248 SCOTT COUNTY COOP	\$257	\$320	\$577
	190249 ROANOKE & BOTETOURT	\$0	\$22	\$22
	190250 SHENANDOAH TEL CO	\$163	\$203	\$366
	190253 VIRGINIA HOT SPRINGS	\$15	\$15	\$30

LINK-UP LIFELINE CONNECTION ASSISTANCE

STATE	STUDY AREA CODE	COMPANY NAME	JULY 89-DEC 89	JAN 90-JUN 90	TOTAL
VA	190254	CENDEL OF VIRGINIA	\$2,427	\$3,012	\$5,439
	190479	GTE SOUTH INC. - VA	\$1,353	\$1,272	\$2,625
	190567	UNITED INTER-MT-VA	\$6,521	\$6,006	\$12,527
	195040	C & P TEL CO OF VA	\$55,869	\$64,312	\$120,181
VA		STATE TOTAL	\$71,641	\$81,174	\$152,815
VI		STATE TOTAL	\$0	\$0	\$0
VT	140058	LUDLOW TEL CO	\$0	\$11	\$11
	140064	SHOREHAM TEL CO INC.	\$0	\$12	\$12
	140068	TOPSHAM TEL CO	\$0	\$8	\$8
	140070	CONTEL OF VERMONT	\$0	\$149	\$149
	145115	NEW ENGLAND TEL-VT	\$0	\$6,980	\$6,980
VT		STATE TOTAL	\$0	\$7,160	\$7,160
WA		STATE TOTAL	\$0	\$0	\$0
WI	335220	WISCONSIN BELL	\$256,423	\$240,431	\$496,854
WI		STATE TOTAL	\$256,423	\$240,431	\$496,854
WV	200267	ARMSTRONG TEL. CO.	\$0	\$22	\$22
	200270	MOUNTAIN STATE TEL	\$240	\$160	\$400
	200276	WAR TEL CO	\$0	\$20	\$20
	200278	CONTEL OF WV	\$445	\$564	\$1,009
	200479	GTE SOUTH INC. - WV	\$739	\$482	\$1,221
	205050	C & P TEL CO OF WV	\$3,043	\$3,768	\$6,811
WV		STATE TOTAL	\$4,467	\$5,016	\$9,483
WY	511595	UTC OF THE WEST-WY	\$174	\$306	\$480
	515108	MOUNTAIN BELL-WY	\$3,507	\$2,229	\$5,736
WY		STATE TOTAL	\$3,681	\$2,535	\$6,216
		INDUSTRY TOTAL	3,017,278	5,514,905	8,532,183

### 3. Costs and High Cost Assistance

On a nationwide average basis, approximately 27 percent of local exchange carrier (LEC) local loop costs are allocated to the interstate (federal) jurisdiction,<sup>1</sup> and 73 percent are allocated to the state jurisdiction. The average cost per loop, however, varies significantly among LECs. The Commission's high cost assistance program enables LECs with very high per loop costs to allocate more of their loop costs to the interstate jurisdiction, thus recovering these costs from interexchange carriers and leaving less costs to be recovered through state rates. In this manner, the high cost assistance program operates to hold down local rates and thereby furthers one of the most important goals of federal and state regulation -- the preservation of universal telephone service. Consequently, the funding of this high cost assistance is known as the Universal Service Fund (USF). Acting on the recommendation of the Federal-State Joint Board in CC Docket No. 80-286, the Commission adopted rule changes that, effective January 1988, retargeted federal assistance provided to high cost LECs. This section of the report outlines the high cost assistance program and the changes adopted by the Commission, and discusses the high cost data included in the report.

The Commission regulates the recovery by LECs of that portion of their total costs associated with the provision of interstate services. The states regulate the recovery of costs associated with intrastate services (local service and state long distance services). The Commission's high cost assistance program relates to the allocation between the state and interstate jurisdictions of non-traffic sensitive (NTS) "local loop costs" -- a term that refers to the costs of outside telephone wires, poles, and other facilities that link each telephone customer's premises to the public switched telephone network. These costs are allocated between the state and interstate jurisdictions because all local loops can be used for making and receiving state and interstate telephone calls.

Pursuant to the changes recommended by the Joint Board and adopted by the Commission, high cost assistance has been retargeted to increase benefits to small and medium sized LECs beginning in January 1988. This retargeting took the form of changes in the additional interstate cost allocation for such LECs. The old and new high cost formulas are compared in Table 3.1.<sup>2</sup>

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1 Of this amount, approximately 26 percent is a direct allocation by the transitional subscriber plant factor, and approximately 1 percent is covered by the universal service fund.

2 Of course, the percentages shown in the table are in addition to the

The Commission's high cost assistance program is being implemented during a period in which the basic interstate allocation of loop costs is being shifted from a level based on the Subscriber Plant Factor (SPF) to a flat allocation factor of 25%. Both of these changes are being phased in over the same eight-year period.

The Commission's high cost assistance program is administered by the National Exchange Carrier Association (NECA). As part of the administration of the program, NECA collects certain cost data from LECs that provide service to approximately 98% of the nation's subscribers.<sup>3</sup> Each year NECA collects NTS cost and loop data from the previous year, and uses it to distribute high cost assistance in the following year. These reports are filed with the FCC in September. In 1990, NECA submitted new data for 1989, as well as revised data for 1988.<sup>4</sup> State totals based on NECA's 1990 report, covering cost data for 1989, are presented in Table 3.2. This table shows unseparated NTS costs (Revenue Requirement), the number of loops, and costs per loop. It also shows the universal service fund calculation for 1991, using 1989 data, based on the new high cost formula which took effect in 1988. The introduction of the USF is being accomplished over an eight-year transition period which began in 1986. Since 1991 is the sixth year of this transition, the annual USF payment for 1990 will be 6/8 of the amount calculated from the high cost formula. The final column shows the percentage of the total USF that goes to companies in the state. Comparable data for individual study areas are given in Table 3.5.<sup>5</sup> Table 3.3 shows the revised state totals for 1988, and Table 3.6 shows the revised 1988 data for individual study areas.

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basic allocation of NTS costs to the interstate jurisdiction.

- 3 These are the carriers that settle on a cost basis. Costs for the remaining LECs, which settle on an average schedule basis, are attributed by NECA on the basis of those carriers' average number of loops per exchange.
- 4 These data were filed on September 4, 1990.
- 5 In the second column of Table 3.5, the types are average schedule (A) and cost (C); the subsets are Bell companies (1), large independents (2), and small independents (3). In the final column, the percentages are of the national total USF.

Table 3.4 shows the changes from 1988 to 1989, for state totals, of the unseparated NTS revenue requirement, the number of loops, the revenue requirement per loop, and the universal service fund.<sup>6</sup> For the changes in the USF, the column headed "universal service fund after full transition" represents the changes in the full post-transitional amounts calculated from the formula, and the column headed "universal service fund applicable to later year" represents the changes in the transitional amounts applicable to 1990 and 1991. The changes in the post-transitional USF amounts reflect the effect on the USF of changes in costs. The changes in the transitional amounts reflect the change in the transition factor from 5/8 to 6/8, as well as the changes in costs. In the USF columns in this table, the entry "ERR" indicates that the USF in the first year was zero, while it was positive in the second year. Table 3.7 shows comparable percentage changes for individual study areas.

On December 3, 1990, AT&T and MCI filed petitions against NECA's USF and Lifeline Assistance filing.<sup>7</sup> In their petitions, MCI and AT&T claimed that the USF rate increase requested by NECA was overstated and should not be allowed to go into effect. MCI also contended that NECA had not provided sufficient justification for its Lifeline Assistance rate increase, but AT&T did not oppose the Lifeline rate. On December 21, 1990, the FCC denied MCI's opposition to the Lifeline rate, allowed a partial increase in the USF rate (corresponding to the change in the transition factor) to take effect on January 1, 1991, and deferred the remainder of the USF increase until February 1, 1991, pending further review.

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6 The 1988 figures used in these calculations are the newly submitted revised figures.

7 National Exchange Carrier Association, Inc., Universal Service Fund and Lifeline Assistance Access Tariff Revisions, Transmittal No. 427, filed November 16, 1990.

TABLE 3.1

HIGH COST FORMULAS

Cost Range As % of National Average      % Expense Adjustment Within Range

Old Formula, Study Areas with Over 50,000 Loops

0% - 115%	0%
115% - 150%	25%
150% and above	75%

Old Formula, Study Areas with 50,000 Loops or Less

0% - 115%	0%
115% - 150%	50%
150% and above	75%

New Formula, Study Areas with Over 200,000 Loops

0% - 115%	0%
115% - 160%	10%
160% - 200%	30%
200% - 250%	60%
250% and above	75%

New Formula, Study Areas with 200,000 Loops or Less

0% - 115%	0%
115% - 150%	65%
150% and above	75%



TABLE 3.2

National Exchange Carrier Association  
Universal Service Fund  
State Summary  
Data for 1989

STATE	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
ALABAMA	\$493,667,282	1,802,783	\$273.84	\$18,220,878	3.86%
ALASKA	\$98,732,475	269,785	\$365.97	\$21,612,613	4.58%
ARIZONA	\$494,714,776	1,849,894	\$267.43	\$11,390,319	2.41%
ARKANSAS	\$331,851,750	994,858	\$333.57	\$20,068,844	4.25%
CALIFORNIA	\$3,426,943,706	16,904,962	\$202.72	\$28,297,357	6.00%
COLORADO	\$380,267,784	1,817,052	\$209.28	\$1,844,473	0.39%
CONNECTICUT	\$382,672,710	1,830,670	\$209.03	\$0	0.00%
DELAWARE	\$74,602,120	397,689	\$187.59	\$0	0.00%
DISTRICT OF COLUMBIA	\$64,370,637	816,235	\$78.86	\$0	0.00%
FLORIDA	\$2,162,461,431	7,388,208	\$292.69	\$22,955,137	4.86%
GEORGIA	\$963,009,105	3,201,351	\$300.81	\$31,936,927	6.77%
HAWAII	\$107,104,948	575,699	\$186.04	\$0	0.00%
IDAHO	\$130,920,616	456,362	\$286.88	\$9,728,272	2.06%
ILLINOIS	\$986,317,815	6,242,710	\$158.00	\$2,715,514	0.58%
INDIANA	\$599,576,874	2,608,618	\$229.84	\$2,713,154	0.57%
IOWA	\$270,370,565	1,341,480	\$201.55	\$2,447,989	0.52%
KANSAS	\$326,334,561	1,240,386	\$263.09	\$8,803,613	1.87%
KENTUCKY	\$437,543,738	1,552,899	\$281.76	\$6,639,167	1.41%
LOUISIANA	\$633,309,071	1,898,695	\$333.55	\$19,458,184	4.12%
MAINE	\$180,205,736	641,981	\$280.70	\$2,637,214	0.56%
MARYLAND	\$505,684,456	2,725,340	\$185.55	\$0	0.00%
MASSACHUSETTS	\$547,488,297	3,527,280	\$155.22	\$0	0.00%
MICHIGAN	\$973,271,154	4,765,970	\$204.21	\$3,991,866	0.85%
MINNESOTA	\$490,020,222	2,258,762	\$216.94	\$5,272,945	1.12%
MISSISSIPPI	\$345,595,453	1,000,947	\$345.27	\$9,696,066	2.05%
MISSOURI	\$584,503,412	2,523,108	\$231.66	\$29,735,148	6.30%
MONTANA	\$116,215,799	377,216	\$308.09	\$6,205,334	1.32%
NEBRASKA	\$170,020,422	833,922	\$203.88	\$3,488,245	0.74%
NEVADA	\$135,748,896	677,822	\$200.27	\$2,275,766	0.48%
NEW HAMPSHIRE	\$187,786,744	617,554	\$304.08	\$2,556,834	0.54%
NEW JERSEY	\$817,225,975	4,866,567	\$167.93	\$927,625	0.20%
NEW MEXICO	\$192,848,794	663,471	\$290.67	\$14,113,001	2.99%
NEW YORK	\$2,262,053,221	10,236,298	\$220.98	\$8,647,873	1.83%
NORTH CAROLINA	\$912,690,483	3,267,672	\$279.31	\$14,834,645	3.14%
NORTH DAKOTA	\$93,289,649	344,311	\$270.95	\$2,594,160	0.55%
OHIO	\$1,109,994,470	5,309,229	\$209.07	\$1,111,152	0.24%
OKLAHOMA	\$428,334,031	1,503,154	\$284.96	\$18,684,892	3.96%
OREGON	\$362,636,371	1,448,177	\$250.41	\$9,781,199	2.07%
PENNSYLVANIA	\$1,197,755,585	6,450,176	\$185.69	\$1,339,182	0.28%
PUERTO RICO	\$241,369,851	895,318	\$269.59	\$2,423,651	0.51%
RHODE ISLAND	\$95,975,671	529,070	\$181.40	\$0	0.00%
SOUTH CAROLINA	\$510,930,191	1,562,071	\$327.09	\$14,302,600	3.03%
SOUTH DAKOTA	\$84,780,873	326,486	\$259.68	\$2,019,849	0.43%
TENNESSEE	\$601,294,259	2,375,306	\$253.14	\$2,157,813	0.46%
TEXAS	\$2,303,969,777	8,384,293	\$274.80	\$67,160,668	14.23%
UTAH	\$146,819,397	724,863	\$202.55	\$2,105,802	0.45%
VERMONT	\$101,525,924	310,676	\$326.79	\$3,635,894	0.77%
VIRGIN ISLANDS	\$19,471,667	45,536	\$427.61	\$3,901,750	0.83%
VIRGINIA	\$749,457,567	3,249,910	\$230.61	\$1,984,598	0.42%
WASHINGTON	\$554,325,606	2,542,042	\$218.06	\$8,558,010	1.81%
WEST VIRGINIA	\$272,161,223	775,664	\$350.88	\$11,991,754	2.54%
WISCONSIN	\$537,778,572	2,458,914	\$218.71	\$2,277,553	0.48%
WYOMING	\$84,464,699	229,887	\$367.42	\$2,622,511	0.56%
INDUSTRY TOTAL	\$30,282,466,412	131,639,329	\$230.04	\$471,868,041	100.00%

TOTAL NUMBER OF STUDY AREA CODES: 1445

TABLE 3.3

National Exchange Carrier Association  
Universal Service Fund  
State Summary  
Revised Data for 1988

STATE	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
ALABAMA	\$465,931,984	1,751,930	\$265.95	\$11,252,981	3.35%
ALASKA	\$99,628,463	258,806	\$384.95	\$17,756,514	5.28%
ARIZONA	\$475,946,252	1,763,822	\$269.84	\$9,185,893	2.73%
ARKANSAS	\$315,630,042	963,196	\$327.69	\$13,848,696	4.12%
CALIFORNIA	\$3,412,697,387	16,130,663	\$211.57	\$21,508,132	6.40%
COLORADO	\$391,625,251	1,756,770	\$222.92	\$1,604,579	0.48%
CONNECTICUT	\$346,959,616	1,816,037	\$191.05	\$0	0.00%
DELAWARE	\$73,490,307	379,900	\$193.45	\$0	0.00%
DISTRICT OF COLUMBIA	\$67,627,265	792,735	\$85.31	\$0	0.00%
FLORIDA	\$2,127,031,037	6,968,845	\$305.22	\$22,483,572	6.69%
GEORGIA	\$924,736,712	3,050,367	\$303.16	\$20,904,388	6.22%
HAWAII	\$87,471,937	544,748	\$160.57	\$0	0.00%
IDAHO	\$122,007,774	445,158	\$274.08	\$6,919,306	2.06%
ILLINOIS	\$945,314,690	6,064,742	\$155.87	\$1,038,121	0.31%
INDIANA	\$543,401,531	2,500,846	\$217.29	\$1,816,884	0.54%
IOWA	\$269,670,794	1,321,918	\$204.00	\$1,054,356	0.31%
KANSAS	\$317,249,477	1,205,377	\$263.20	\$7,030,449	2.09%
KENTUCKY	\$423,991,356	1,512,476	\$280.33	\$4,832,061	1.44%
LOUISIANA	\$596,181,574	1,870,917	\$318.66	\$13,232,568	3.94%
MAINE	\$178,485,845	615,586	\$289.94	\$2,552,232	0.76%
MARYLAND	\$480,352,551	2,615,317	\$183.67	\$0	0.00%
MASSACHUSETTS	\$548,392,106	3,439,457	\$159.44	\$0	0.00%
MICHIGAN	\$913,815,091	4,632,484	\$197.26	\$1,753,935	0.52%
MINNESOTA	\$461,246,639	2,194,145	\$210.22	\$3,882,237	1.16%
MISSISSIPPI	\$332,929,129	977,689	\$340.53	\$6,947,038	2.07%
MISSOURI	\$569,999,571	2,441,530	\$233.46	\$21,711,582	6.46%
MONTANA	\$117,313,095	369,455	\$317.53	\$5,044,256	1.50%
NEBRASKA	\$160,924,959	807,575	\$199.27	\$2,535,224	0.75%
NEVADA	\$129,220,904	624,741	\$206.84	\$1,962,415	0.58%
NEW HAMPSHIRE	\$189,948,296	595,465	\$318.99	\$2,404,133	0.72%
NEW JERSEY	\$763,862,026	4,714,496	\$162.02	\$0	0.00%
NEW MEXICO	\$179,741,275	639,421	\$281.10	\$10,638,649	3.17%
NEW YORK	\$2,185,214,675	10,200,580	\$214.22	\$7,137,872	2.12%
NORTH CAROLINA	\$845,997,042	3,123,618	\$270.84	\$8,791,898	2.62%
NORTH DAKOTA	\$90,321,490	339,394	\$266.13	\$1,298,483	0.39%
OHIO	\$1,096,088,748	5,156,325	\$212.57	\$865,517	0.26%
OKLAHOMA	\$423,483,893	1,469,070	\$288.27	\$14,209,725	4.23%
OREGON	\$341,718,898	1,393,045	\$245.30	\$6,749,776	2.01%
PENNSYLVANIA	\$1,089,287,534	6,209,971	\$175.41	\$837,609	0.25%
PUERTO RICO	\$203,379,144	839,687	\$242.21	\$617,571	0.18%
RHODE ISLAND	\$98,514,811	514,739	\$191.39	\$0	0.00%
SOUTH CAROLINA	\$472,120,533	1,495,955	\$315.60	\$6,601,338	1.96%
SOUTH DAKOTA	\$79,233,130	320,374	\$247.31	\$1,428,199	0.43%
TENNESSEE	\$568,942,982	2,318,040	\$245.44	\$1,710,010	0.51%
TEXAS	\$2,218,459,920	7,987,409	\$277.74	\$44,103,988	13.13%
UTAH	\$142,521,010	701,519	\$203.16	\$1,442,881	0.43%
VERMONT	\$100,279,637	295,021	\$339.91	\$2,767,211	0.82%
VIRGIN ISLANDS	\$18,882,078	44,087	\$428.29	\$3,190,797	0.95%
VIRGINIA	\$724,867,924	3,113,617	\$232.81	\$1,300,819	0.39%
WASHINGTON	\$544,387,891	2,417,203	\$225.21	\$7,143,842	2.13%
WEST VIRGINIA	\$270,013,405	767,336	\$351.88	\$8,869,383	2.64%
WISCONSIN	\$518,167,134	2,384,786	\$217.28	\$975,685	0.29%
WYOMING	\$83,849,068	228,933	\$366.26	\$2,051,614	0.61%
INDUSTRY TOTAL	\$29,148,555,883	127,087,323	\$229.36	\$335,994,419	100.00%

TOTAL NUMBER OF STUDY AREA CODES: 1456

TABLE 3.4

National Exchange Carrier Association  
 Universal Service Fund  
 State Summary  
 Percentage Changes from 1988 to 1989

STATE	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR *
ALABAMA	5.95%	2.90%	2.96%	34.93%	61.92%
ALASKA	-0.90%	4.24%	-4.93%	1.43%	21.72%
ARIZONA	3.94%	4.88%	-0.89%	3.33%	24.00%
ARKANSAS	5.14%	3.29%	1.79%	20.76%	44.92%
CALIFORNIA	0.42%	4.80%	-4.18%	9.64%	31.57%
COLORADO	-2.90%	3.43%	-6.12%	-4.21%	14.95%
CONNECTICUT	10.29%	0.81%	9.41%	0.00%	0.00%
DELAWARE	1.51%	4.68%	-3.03%	0.00%	0.00%
DISTRICT OF COLUMBIA	-4.82%	2.96%	-7.56%	0.00%	0.00%
FLORIDA	1.67%	6.02%	-4.10%	-14.92%	2.10%
GEORGIA	4.14%	4.95%	-0.77%	27.31%	52.78%
HAWAII	22.44%	5.68%	15.86%	0.00%	0.00%
IDAHO	7.31%	2.52%	4.67%	17.16%	40.60%
ILLINOIS	4.34%	2.93%	1.36%	117.98%	161.58%
INDIANA	10.34%	4.31%	5.78%	24.44%	49.33%
IOWA	0.26%	1.48%	-1.20%	93.48%	132.18%
KANSAS	2.86%	2.90%	-0.04%	4.35%	25.22%
KENTUCKY	3.20%	2.67%	0.51%	14.50%	37.40%
LOUISIANA	6.23%	1.48%	4.67%	22.54%	47.05%
MAINE	0.96%	4.29%	-3.19%	-13.89%	3.33%
MARYLAND	5.27%	4.21%	1.02%	0.00%	0.00%
MASSACHUSETTS	-0.16%	2.55%	-2.65%	0.00%	0.00%
MICHIGAN	6.51%	2.88%	3.52%	89.66%	127.59%
MINNESOTA	6.24%	2.94%	3.20%	13.19%	35.82%
MISSISSIPPI	3.80%	2.38%	1.39%	16.31%	39.57%
MISSOURI	2.54%	3.34%	-0.77%	14.13%	36.96%
MONTANA	-0.94%	2.10%	-2.97%	2.51%	23.02%
NEBRASKA	5.65%	3.26%	2.31%	14.66%	37.59%
NEVADA	5.05%	8.50%	-3.17%	-3.36%	15.97%
NEW HAMPSHIRE	-1.14%	3.71%	-4.67%	-11.37%	6.35%
NEW JERSEY	6.99%	3.23%	3.64%	0.00%	ERR
NEW MEXICO	7.29%	3.76%	3.40%	10.55%	32.66%
NEW YORK	3.52%	0.35%	3.16%	0.96%	21.15%
NORTH CAROLINA	7.88%	4.61%	3.13%	40.61%	68.73%
NORTH DAKOTA	3.29%	1.45%	1.81%	66.49%	99.78%
OHIO	1.27%	2.97%	-1.65%	6.98%	28.38%
OKLAHOMA	1.15%	2.32%	-1.15%	9.58%	31.49%
OREGON	6.12%	3.96%	2.08%	20.76%	44.91%
PENNSYLVANIA	9.96%	3.87%	5.86%	33.23%	59.88%
PUERTO RICO	18.68%	6.63%	11.31%	227.04%	292.45%
RHODE ISLAND	-2.58%	2.78%	-5.22%	0.00%	0.00%
SOUTH CAROLINA	8.22%	4.42%	3.64%	80.55%	116.66%
SOUTH DAKOTA	7.00%	1.91%	5.00%	17.86%	41.43%
TENNESSEE	5.69%	2.47%	3.14%	5.16%	26.19%
TEXAS	3.85%	4.97%	-1.06%	26.90%	52.28%
UTAH	3.02%	3.33%	-0.30%	21.62%	45.94%
VERMONT	1.24%	5.31%	-3.86%	9.49%	31.39%
VIRGIN ISLANDS	3.12%	3.29%	-0.16%	1.90%	22.28%
VIRGINIA	3.39%	4.38%	-0.94%	27.14%	52.57%
WASHINGTON	1.83%	5.16%	-3.18%	-0.17%	19.80%
WEST VIRGINIA	0.80%	1.09%	-0.29%	12.67%	35.20%
WISCONSIN	3.78%	3.11%	0.66%	94.53%	133.43%
WYOMING	0.73%	0.42%	0.32%	6.52%	27.83%
INDUSTRY TOTAL	3.89%	3.58%	0.30%	17.03%	40.44%

TOTAL NUMBER OF STUDY AREA CODES: -0.76%

\* Percentage changes from 1990 to 1991

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Data for 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
<b>STATE TOTAL:</b>		<b>ALABAMA</b>	<b>\$493,667,282</b>	<b>1,802,783</b>	<b>\$273.84</b>	<b>\$18,220,878</b>	<b>3.861%</b>
250281	C 2	CONTEL OF THE SOUTH, INC. - AL	\$35,460,286	79,767	\$444.55	\$7,594,911	1.610%
250282	C 3	BLOUNTSVILLE TEL. COMPANY INC.	\$874,204	2,184	\$400.28	\$153,561	0.033%
250283	A 3	BRINDLEE MOUNTAIN TEL. COMPANY	\$2,203,110	9,415	\$234.00	\$0	0.000%
250284	C 2	BUTLER TELEPHONE CO. INC.	\$1,567,673	3,611	\$434.14	\$322,672	0.068%
250285	A 3	CASTLEBERRY TEL. COMPANY INC.	\$174,564	746	\$234.00	\$0	0.000%
250286	A 3	NATIONAL TEL. CO. OF AL	\$419,562	1,793	\$234.00	\$0	0.000%
250290	A 3	FARMERS TEL COOP INC - ALABAMA	\$3,349,710	14,315	\$234.00	\$0	0.000%
250293	C 2	GTE SOUTH INC. - ALABAMA	\$44,094,851	120,229	\$366.76	\$6,186,603	1.311%
250295	A 3	GRACEBA TOTAL COMMUNICATIONS	\$817,830	3,495	\$234.00	\$0	0.000%
250296	A 2	GOSHEN TELEPHONE COMPANY	\$154,440	660	\$234.00	\$0	0.000%
250297	C 2	GROVE HILL TEL. CORP.	\$580,242	1,771	\$327.64	\$54,464	0.012%
250298	C 3	GULF TELEPHONE COMPANY - ALABAMA	\$6,820,546	25,100	\$271.73	\$87,905	0.019%
250299	A 3	HAYNEVILLE TEL. COMPANY INC.	\$379,361	1,536	\$246.98	\$0	0.000%
250300	C 3	HOPPER TEL. COMPANY INC.	\$1,100,375	2,693	\$408.61	\$201,968	0.043%
250301	A 3	LAMAR COUNTY TEL. COMPANY	\$420,498	1,797	\$234.00	\$0	0.000%
250302	C 2	ALLTEL ALABAMA	\$7,548,699	16,930	\$445.88	\$1,624,634	0.344%
250304	C 3	MILLRY TELEPHONE CO. INC	\$2,423,216	4,894	\$495.14	\$605,244	0.128%
250305	A 3	MON-CRE TEL. COOP. INC.	\$569,790	2,435	\$234.00	\$0	0.000%
250306	C 3	MONROEVILLE TELEPHONE COMPANY	\$3,735,566	10,406	\$358.98	\$489,920	0.104%
250307	A 3	MOUNDVILLE TELEPHONE COMPANY	\$279,396	1,194	\$234.00	\$0	0.000%
250308	A 3	NEW HOPE TEL. COOP. INC. - AL	\$1,028,430	4,395	\$234.00	\$0	0.000%
250311	A 2	OAKMAN TEL. COMPANY INC.	\$505,107	2,041	\$247.48	\$0	0.000%
250312	A 3	ONEONTA TEL. COMPANY INC.	\$1,220,778	5,217	\$234.00	\$0	0.000%
250314	C 2	PEOPLES TELEPHONE COMPANY	\$3,908,557	10,486	\$372.74	\$574,849	0.122%
250315	A 3	PINE BELT TELEPHONE COMPANY	\$488,870	1,900	\$257.30	\$0	0.000%
250316	C 3	RAGLAND TEL. CO.	\$301,194	1,014	\$297.04	\$16,063	0.003%
250317	A 3	ROANOKE TEL. CO. INC.	\$894,114	3,821	\$234.00	\$0	0.000%
250318	C 3	SOUTHLAND TEL. CO. -AL	\$3,017,149	9,016	\$334.64	\$308,084	0.065%
250322	A 3	UNION SPRINGS TEL. COMPANY	\$867,906	3,709	\$234.00	\$0	0.000%
255181	C 1	SOUTH CENTRAL BELL-AL	\$368,461,258	1,456,213	\$253.03	\$0	0.000%
<b>STATE TOTAL:</b>		<b>ALASKA</b>	<b>\$98,732,475</b>	<b>269,785</b>	<b>\$365.97</b>	<b>\$21,612,613</b>	<b>4.580%</b>
613000	C 2	ANCHORAGE TELEPHONE UTILITY	\$20,492,247	121,847	\$168.18	\$0	0.000%
613001	C 3	ARCTIC SLOPE TEL. ASSOCIATION COOP. INC	\$1,263,226	1,371	\$921.39	\$498,271	0.106%
613002	A 3	BETTLES TELEPHONE CO. INC.	\$25,224	43	\$586.60	\$7,530	0.002%
613003	C 3	BRISTOL BAY TELEPHONE COOP. INC.	\$670,115	1,155	\$580.19	\$198,095	0.042%
613004	C 3	BUSH-TELL INC.	\$415,147	572	\$725.78	\$144,948	0.031%
613005	A 3	CIRCLE UTILITIES	\$13,361	19	\$703.21	\$4,573	0.001%
613006	C 3	COPPER VALLEY TEL. COOP. INC.	\$1,778,234	3,490	\$509.52	\$459,840	0.097%
613007	C 3	CORDOVA TELEPHONE COOPERATIVE, INC.	\$465,846	1,444	\$322.61	\$40,874	0.009%
613008	C 3	FAIRBANKS MUNICIPAL UTILITIES SYSTEM	\$9,988,892	24,666	\$404.97	\$1,799,383	0.381%
613009	C 2	GTE ALASKA INCORPORATED	\$2,851,478	12,395	\$230.05	\$0	0.000%
613010	C 2	GLACIER STATE TELEPHONE COMPANY	\$20,482,220	29,719	\$689.20	\$6,919,455	1.466%
613011	C 3	INTERIOR TELEPHONE COMPANY INC.	\$2,084,574	2,541	\$820.38	\$779,117	0.165%
613012	C 2	JUNEAU & DOUGLAS TELEPHONE COMPANY	\$5,315,690	15,589	\$340.99	\$580,947	0.123%
613013	C 3	KETCHIKAN PUBLIC UTILITIES	\$2,436,129	7,232	\$336.85	\$254,915	0.054%
613015	C 3	MATANUSKA TELEPHONE ASSOC., INC.	\$20,043,515	27,701	\$723.57	\$6,985,152	1.480%
613016	C 3	MUKLUK TEL. COMPANY, INC.	\$783,830	671	\$1,168.15	\$337,002	0.071%
613017	A 3	NATIONAL UTILITIES INC.	\$564,116	1,731	\$325.89	\$51,766	0.011%
613018	C 3	NUSHAGAK TELEPHONE COOPERATIVE, INC.	\$780,791	1,405	\$555.72	\$221,634	0.047%
613019	C 3	OTZ TELEPHONE COOPERATIVE, INC.	\$719,514	1,865	\$385.80	\$115,941	0.025%
613020	C 2	SITKA TELEPHONE COMPANY	\$4,772,420	8,243	\$578.97	\$1,408,110	0.298%
613022	C 2	TELEPHONE UTILITIES OF ALASKA	\$321,560	2,333	\$137.83	\$0	0.000%
613023	C 3	UNITED UTILITIES INC.	\$2,112,463	3,306	\$638.98	\$676,343	0.143%
613025	C 3	YUKON TELEPHONE COMPANY, INC.	\$269,496	316	\$852.84	\$102,659	0.022%
613026	A 3	NORTH COUNTRY TELEPHONE COMPANY	\$47,142	100	\$471.42	\$11,033	0.002%
613028	C 3	SUMMIT TEL & TEL CO OF ALASKA	\$35,245	31	\$1,136.94	\$15,025	0.003%

TABLE 3.5

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STATE TOTAL:		ARIZONA	\$494,714,776	1,849,894	\$267.43	\$11,390,319	2.414%
452171	C 3	ARIZONA TEL. CO.	\$931,698	1,973	\$472.22	\$218,565	0.046%
452172	C 2	CITIZENS UTILITIES RURAL COMPANY INC.	\$20,567,275	47,617	\$431.93	\$4,195,770	0.889%
452173	C 3	PAPAGO TRIBAL UTILITY AUTHORITY	\$919,800	1,700	\$541.06	\$254,151	0.054%
452174	A 3	SOUTHWESTERN TEL. CO.	\$581,490	2,485	\$234.00	\$0	0.000%
452175	C 2	UNIVERSAL TEL CO OF SOUTHWEST - AZ	\$334,001	1,271	\$262.79	\$0	0.000%
452176	C 3	VALLEY TELEPHONE COOPERATIVE INC-AZ	\$1,357,967	1,901	\$714.34	\$469,491	0.099%
452177	C 2	CONTEL OF THE WEST - ARIZONA	\$12,834,374	23,738	\$540.67	\$3,543,637	0.751%
452275	C 2	NAVAJO COMMUNICATIONS CO. INC. - AZ	\$6,213,400	8,176	\$759.96	\$2,229,038	0.472%
452302	C 2	CONTEL OF CALIFORNIA - ARIZONA	\$2,308,960	5,290	\$436.48	\$479,667	0.102%
455101	C 1	MOUNTAIN BELL-ARIZONA	\$448,665,811	1,755,743	\$255.54	\$0	0.000%
STATE TOTAL:		ARKANSAS	\$331,851,750	994,858	\$333.57	\$20,068,844	4.253%
401691	C 2	ALLTEL ARKANSAS, INC.	\$22,456,211	59,100	\$379.97	\$3,480,248	0.738%
401692	C 3	ARKANSAS TELEPHONE COMPANY	\$1,850,533	5,772	\$320.61	\$157,756	0.033%
401697	C 3	CENTRAL ARKANSAS TEL. COOP INC.	\$686,308	2,141	\$320.55	\$58,464	0.012%
401698	C 2	CLEVELAND CTY TEL. CO.	\$1,707,757	2,383	\$716.64	\$591,614	0.125%
401699	C 2	DECATUR TELEPHONE CO INC- ARKANSAS	\$353,132	929	\$380.12	\$54,785	0.012%
401702	C 3	SOUTH ARKANSAS TEL. CO., INC.	\$1,126,236	3,279	\$343.47	\$126,161	0.027%
401704	A 3	LAVACA TELEPHONE-AR	\$276,588	1,182	\$234.00	\$0	0.000%
401705	C 2	CENTURY TEL. OF ARKANSAS, INC.	\$4,245,434	11,444	\$370.97	\$615,973	0.131%
401709	C 3	MADISON COUNTY TEL. CO. INC.	\$676,454	1,988	\$340.27	\$73,388	0.016%
401710	A 3	MAGAZINE TELEPHONE COMPANY	\$211,947	715	\$296.43	\$11,114	0.002%
401711	C 2	MOUNTAIN HOME TELEPHONE COMPANY INC.	\$4,100,832	14,442	\$283.95	\$136,613	0.029%
401712	A 3	MOUNTAIN VIEW TELEPHONE COMPANY	\$992,070	3,922	\$252.95	\$0	0.000%
401713	C 3	NORTHERN ARKANSAS TEL. CO., INC.	\$1,452,155	3,827	\$379.45	\$224,243	0.048%
401717	C 3	PERCO TELEPHONE COMPANY	\$1,044,539	2,191	\$476.74	\$248,285	0.053%
401718	A 3	PRAIRIE GROVE TELEPHONE COMPANY	\$1,475,604	6,306	\$234.00	\$0	0.000%
401720	C 2	REDFIELD TELEPHONE COMPANY INC.	\$606,784	1,321	\$459.34	\$136,767	0.029%
401721	A 3	RICE BELT TEL. CO., INC.	\$297,255	949	\$313.23	\$22,523	0.005%
401722	A 3	E. RITTER TELEPHONE COMPANY	\$998,242	3,975	\$251.13	\$0	0.000%
401724	C 3	SOUTHWEST ARKANSAS TEL. COOP. INC.	\$1,692,355	4,590	\$368.70	\$241,196	0.051%
401726	C 3	TRI-COUNTY TEL. CO. INC.-AR	\$2,000,482	4,656	\$429.66	\$404,318	0.086%
401727	C 2	UNION TELEPHONE COMPANY INC.	\$618,464	872	\$709.25	\$212,862	0.045%
401729	C 3	WALNUT HILL TELEPHONE COMPANY	\$3,089,136	4,428	\$697.64	\$1,051,990	0.223%
401730	C 2	CONTEL OF ARKANSAS, INC.	\$26,099,941	64,842	\$402.52	\$4,640,860	0.984%
401733	C 3	YELCOT TEL. CO., INC.	\$1,016,629	2,545	\$399.46	\$177,770	0.038%
401734	C 3	YELL COUNTY TELEPHONE COMPANY	\$1,170,611	4,042	\$289.61	\$49,388	0.010%
401790	C 2	CONTEL SYSTEM OF ARKANSAS	\$4,196,136	15,843	\$264.86	\$2,425	0.001%
402080	C 2	GTE SOUTHWEST INC. - ARKANSAS	\$26,113,817	64,552	\$404.54	\$4,693,452	0.995%
405211	C 1	SOUTHWESTERN BELL-ARKANSAS	\$221,296,098	702,622	\$314.96	\$2,656,649	0.563%
STATE TOTAL:		CALIFORNIA	\$3,426,943,706	16,904,962	\$202.72	\$28,297,357	5.997%
542301	C 3	CALAVERAS TELEPHONE COMPANY	\$997,617	1,867	\$534.34	\$272,060	0.058%
542302	C 2	CONTEL OF CALIFORNIA - CALIFORNIA	\$119,093,474	273,551	\$435.36	\$6,265,809	1.328%
542304	C 2	C P NATIONAL CORP. - CALIFORNIA	\$4,621,737	11,508	\$401.61	\$817,758	0.173%
542308	C 2	CITIZENS UTILITIES CO. OF CALIF.	\$35,855,470	61,088	\$586.95	\$10,709,563	2.270%
542311	C 3	CALIFORNIA-OREGON TELEPHONE CO	\$1,659,627	2,164	\$766.93	\$598,460	0.127%
542313	C 3	DUCCOR TELEPHONE COMPANY	\$376,939	591	\$637.80	\$120,515	0.026%
542315	C 3	EVANS TELEPHONE COMPANY	\$3,352,934	8,007	\$418.75	\$646,175	0.137%
542318	C 3	FORESTHILL TELEPHONE COMPANY	\$772,149	1,997	\$386.65	\$125,102	0.027%
542319	C 2	GENERAL TEL CO OF CALIFORNIA	\$854,255,342	3,185,103	\$268.20	\$872,877	0.185%
542321	C 2	HAPPY VALLEY TELEPHONE COMPANY	\$1,965,404	2,553	\$769.84	\$710,217	0.151%
542322	C 2	HORNITOS TELEPHONE COMPANY	\$453,198	447	\$1,013.87	\$185,709	0.039%
542323	C 2	WINTERHAVEN TELEPHONE COMPANY	\$640,045	1,275	\$502.00	\$162,600	0.034%
542324	C 3	KERMAN TELEPHONE COMPANY	\$1,377,034	4,170	\$330.22	\$133,507	0.028%
542332	C 3	THE PONDEROSA TELEPHONE COMPANY	\$4,366,009	5,823	\$749.79	\$1,554,224	0.329%
542334	C 2	ROSEVILLE TELEPHONE COMPANY	\$17,620,142	68,769	\$256.22	\$0	0.000%
542338	C 3	SIERRA TELEPHONE COMPANY, INC.	\$7,205,057	12,512	\$575.85	\$2,115,403	0.448%

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CALIFORNIA (CONT.)							
542339	C 3	THE SISKIYOU TELEPHONE CO.	\$1,825,453	3,337	\$547.03	\$510,089	0.108%
542342	C 2	TUOLUMNE TELEPHONE COMPANY	\$3,825,057	4,350	\$879.32	\$1,478,007	0.313%
542343	C 3	THE VOLCANO TELEPHONE COMPANY	\$3,031,728	7,742	\$391.59	\$506,554	0.107%
542344	C 2	WEST COAST TEL. CO. OF CALIFORNIA	\$3,648,346	10,144	\$359.66	\$481,465	0.102%
542346	C 3	PINNACLES TELEPHONE COMPANY	\$92,467	134	\$690.05	\$31,263	0.007%
545170	C 1	PACIFIC BELL	\$2,359,908,477	13,237,830	\$178.27	\$0	0.000%
STATE TOTAL:		COLORADO	\$380,267,784	1,817,052	\$209.28	\$1,844,473	0.391%
461835	C 3	SUNFLOWER TELEPHONE CO., INC. - CO	\$186,999	295	\$633.89	\$59,507	0.013%
462178	A 3	AGATE TELEPHONE CO.	\$45,422	95	\$478.13	\$10,840	0.002%
462181	C 3	BIJOU TEL COOPERATIVE ASSOC. INC	\$250,366	958	\$261.34	\$0	0.000%
462182	C 3	BLANCA TELEPHONE CO.	\$311,720	519	\$600.62	\$94,979	0.020%
462184	C 3	DELTA COUNTY TELE-COMM INC.	\$1,399,160	6,025	\$232.23	\$0	0.000%
462185	C 2	EAGLE TELECOMMUNICATIONS INC.	\$2,484,219	5,758	\$431.44	\$505,779	0.107%
462186	C 3	EASTERN SLOPE RURAL TEL ASSN INC	\$1,181,944	3,828	\$308.76	\$82,510	0.017%
462187	C 1	EL PASO COUNTY MUTUAL TEL CO	\$626,019	1,917	\$326.56	\$57,954	0.012%
462188	C 3	FARMERS TEL CO, INC. - COLORADO	\$273,220	292	\$935.68	\$108,471	0.023%
462190	C 3	HAXTUN TELEPHONE COMPANY	\$443,165	1,236	\$358.55	\$57,893	0.012%
462192	C 3	BIG SANDY TELECOM INC.	\$432,122	653	\$661.75	\$141,955	0.030%
462193	C 3	NUCLA-NATURITA TEL. CO.	\$417,895	1,055	\$396.11	\$71,704	0.015%
462194	C 3	NUNN TEL. COMPANY	\$194,243	270	\$719.42	\$67,454	0.014%
462196	C 3	PEETZ COOP. TEL. CO.	\$93,592	184	\$508.65	\$24,154	0.005%
462197	A 3	PHILLIPS COUNTY TEL. CO.	\$391,716	1,674	\$234.00	\$0	0.000%
462198	A 3	PINE DRIVE TEL. CO.	\$126,951	516	\$246.03	\$0	0.000%
462199	C 3	PLAINS COOPERATIVE TEL. ASSOC. INC.	\$498,315	1,353	\$368.30	\$70,793	0.015%
462201	A 3	RICO TEL. CO.	\$45,422	95	\$478.13	\$10,840	0.002%
462202	A 3	ROGGEN TELEPHONE COOPERATIVE CO.	\$71,898	186	\$386.55	\$11,642	0.002%
462203	C 3	THE RYE TELEPHONE CO. INC.	\$649,634	1,267	\$512.73	\$169,227	0.036%
462204	C 3	COLUMBINE TELEPHONE COMPANY	\$372,366	654	\$569.37	\$108,188	0.023%
462206	A 3	STONEHAM COOPERATIVE TEL. CO.	\$36,901	71	\$519.73	\$9,763	0.002%
462207	C 3	STRASBURG TEL. CO.	\$228,449	868	\$263.19	\$0	0.000%
462208	C 2	UNIVERSAL TEL. CO. OF COLORADO	\$1,282,072	3,927	\$326.48	\$118,567	0.025%
462209	C 3	WIGGINS TEL. ASSOC.	\$398,972	1,103	\$361.72	\$53,630	0.011%
462210	A 3	WILLARD TEL. CO.	\$30,471	55	\$554.02	\$8,623	0.002%
465102	C 1	MOUNTAIN BELL-COLORADO	\$367,794,531	1,782,198	\$206.37	\$0	0.000%
STATE TOTAL:		CONNECTICUT	\$382,672,710	1,830,670	\$209.03	\$0	0.000%
132454	A 3	THE WOODBURY TEL. CO.	\$3,704,220	15,830	\$234.00	\$0	0.000%
135200	C 2	SOUTHERN NEW ENGLAND TEL.	\$378,968,490	1,814,840	\$208.82	\$0	0.000%
STATE TOTAL:		DELAWARE	\$74,602,120	397,689	\$187.59	\$0	0.000%
565010	C 1	DIAMOND STATE TEL. CO.	\$74,602,120	397,689	\$187.59	\$0	0.000%
STATE TOTAL:		DISTRICT OF COLUMBIA	\$64,370,637	816,235	\$78.86	\$0	0.000%
575020	C 1	C & P TELEPHONE CO. OF WASHINGTON DC	\$64,370,637	816,235	\$78.86	\$0	0.000%
STATE TOTAL:		FLORIDA	\$2,162,461,431	7,388,208	\$292.69	\$22,955,137	4.865%
210291	C 3	FLORALA TELEPHONE COMPANY- FLORIDA	\$1,108,188	3,153	\$351.47	\$135,126	0.029%
210318	C 3	SOUTHLAND TELEPHONE COMPANY-FL	\$1,142,620	2,934	\$389.44	\$188,405	0.040%
210328	C 2	GTE FLORIDA INCORPORATED	\$473,530,683	1,645,272	\$287.81	\$2,870,671	0.608%
210329	C 3	GULF TEL. CO. - FL	\$2,116,926	7,362	\$287.55	\$82,561	0.017%
210330	C 3	VISTA-UNITED TELECOMMUNICATIONS SYSTE	\$2,731,876	12,257	\$222.88	\$0	0.000%
210331	C 3	INDIANTOWN TELEPHONE SYSTEM	\$1,505,766	2,273	\$662.46	\$495,032	0.105%
210335	C 3	NORTHEAST FLORIDA TEL. CO., INC.	\$2,595,187	5,195	\$499.55	\$655,355	0.139%
210336	C 2	ALLTEL FLORIDA INC.	\$22,789,049	49,044	\$464.67	\$5,224,716	1.107%

TABLE 3.5

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FLORIDA (CONT.)							
210338	C 2	QUINCY TELEPHONE CO-FL DIV.	\$2,725,205	8,693	\$313.49	\$207,417	0.044%
210339	C 3	ST. JOSEPH TEL. AND TELE. CO.	\$7,291,739	21,592	\$337.71	\$770,132	0.163%
210340	C 2	CENTRAL TELEPHONE COMPANY OF FLORIDA	\$56,071,378	245,726	\$228.19	\$0	0.000%
210341	C 2	UNITED TELEPHONE CO. OF FLORIDA	\$293,593,458	991,922	\$295.98	\$2,338,506	0.496%
215191	C 1	SOUTHERN BELL-FLORIDA	\$1,295,259,356	4,392,785	\$294.86	\$9,987,216	2.117%
STATE TOTAL: GEORGIA			\$963,009,105	3,201,351	\$300.81	\$31,936,927	6.768%
220281	C 2	CONTEL OF THE SOUTH, INC. - GA	\$20,995,376	60,297	\$348.20	\$2,473,191	0.524%
220324	A 3	VALLEY TEL. CO.- GA	\$944,190	4,035	\$234.00	\$0	0.000%
220338	C 2	QUINCY TELEPHONE CO-GA DIV.	\$235,691	569	\$414.22	\$44,469	0.009%
220344	C 3	ALMA TELEPHONE CO INC	\$1,984,010	5,268	\$376.62	\$300,292	0.064%
220346	A 2	BLUE RIDGE TELEPHONE COMPANY	\$1,334,268	5,702	\$234.00	\$0	0.000%
220347	C 3	BRANTLEY TELEPHONE COMPANY INC.	\$1,129,031	3,187	\$354.26	\$141,584	0.030%
220348	A 3	BULLOCH COUNTY RURAL TEL. COOP INC.	\$1,312,038	5,607	\$234.00	\$0	0.000%
220351	C 3	CAMDEN TEL & TEL CO INC - GEORGIA	\$4,155,683	10,942	\$379.79	\$643,239	0.136%
220354	C 3	CHICKAMAUGA TEL. CORP.	\$928,807	4,568	\$203.33	\$0	0.000%
220355	C 3	CITIZENS TELEPHONE CO INC - GEORGIA	\$1,405,561	3,796	\$370.27	\$202,825	0.043%
220356	C 3	COASTAL UTILITIES INC	\$6,570,058	20,784	\$316.11	\$522,457	0.111%
220357	C 2	ALLTEL GEORGIA INC.	\$14,272,928	36,195	\$394.33	\$2,423,796	0.514%
220358	C 3	DARIEN TELEPHONE CO. INC.	\$1,072,110	3,563	\$300.90	\$63,146	0.013%
220360	C 3	ELLIJAY TEL. CO.	\$2,302,301	6,767	\$340.22	\$249,642	0.053%
220362	A 3	FAIRMOUNT TELEPHONE CO. INC.	\$360,126	1,539	\$234.00	\$0	0.000%
220364	A 3	GEORGIA TELEPHONE CORPORATION	\$1,181,934	5,051	\$234.00	\$0	0.000%
220365	A 3	GLENWOOD TEL. CO. INC.	\$167,076	714	\$234.00	\$0	0.000%
220368	A 3	HART COUNTY TELEPHONE COMPANY	\$1,644,552	7,028	\$234.00	\$0	0.000%
220369	A 3	HAWKINSVILLE TELEPHONE CO.	\$835,380	3,570	\$234.00	\$0	0.000%
220371	C 3	INTERSTATE TELEPHONE COMPANY	\$1,676,179	9,398	\$178.35	\$0	0.000%
220375	A 3	NELSON-BALL GROUND TEL. CO.	\$841,932	3,598	\$234.00	\$0	0.000%
220376	A 3	PEMBROKE TELEPHONE CO. INC.	\$626,184	2,676	\$234.00	\$0	0.000%
220377	C 3	PINELAND TELEPHONE COOP	\$2,572,918	8,664	\$296.97	\$136,949	0.029%
220378	A 3	PLANTERS RURAL TEL. COOP INC.	\$1,243,944	5,316	\$234.00	\$0	0.000%
220379	C 3	PLANT TELEPHONE COMPANY	\$3,157,228	7,301	\$432.44	\$645,422	0.137%
220380	A 3	PROGRESSIVE RURAL TEL. COOP INC.	\$848,250	3,625	\$234.00	\$0	0.000%
220381	C 3	PUBLIC SERVICE TELEPHONE CO.	\$3,297,294	7,605	\$433.57	\$677,130	0.143%
220382	A 3	RINGGOLD TEL. COMPANY	\$1,865,214	7,971	\$234.00	\$0	0.000%
220386	C 3	STANDARD TEL. CO.	\$14,320,940	38,312	\$373.80	\$2,123,129	0.450%
220387	A 3	STATESBORO TEL. CO.	\$3,208,374	13,711	\$234.00	\$0	0.000%
220389	A 3	TRENTON TELEPHONE COMPANY	\$1,056,744	4,516	\$234.00	\$0	0.000%
220392	C 3	WAVERLY HALL TEL. CO., INC.	\$294,523	971	\$303.32	\$18,354	0.004%
220394	C 3	WILKES TEL & ELECTRIC CO.	\$2,029,422	8,898	\$228.08	\$0	0.000%
220395	A 3	WILKINSON COUNTY TEL. CO. INC.	\$834,444	3,566	\$234.00	\$0	0.000%
220479	C 2	GTE SOUTH INC. - GEORGIA	\$83,281,728	198,070	\$420.47	\$16,176,119	3.428%
225192	C 1	SOUTHERN BELL-GEORGIA	\$779,022,667	2,687,971	\$289.82	\$5,095,183	1.080%
STATE TOTAL: HAWAII			\$107,104,948	575,699	\$186.04	\$0	0.000%
623100	C 2	GTE HAWAIIAN TEL. CO. INC.	\$107,104,948	575,699	\$186.04	\$0	0.000%
STATE TOTAL: IDAHO			\$130,920,616	456,362	\$286.88	\$9,728,272	2.062%
472177	C 2	CONTEL OF THE WEST - IDAHO	\$6,962,164	12,996	\$535.72	\$1,903,873	0.403%
472213	C 3	ALBION TEL. CO. INC.	\$602,238	879	\$685.14	\$202,650	0.043%
472215	C 3	CAMBRIDGE TEL. CO., INC.-ID	\$469,311	768	\$611.08	\$145,065	0.031%
472218	C 3	CUSTER TEL. COOPERATIVE INC.	\$473,793	1,417	\$334.36	\$48,227	0.010%
472220	A 3	FILER MUTUAL TELEPHONE COMPANY - ID	\$391,482	1,673	\$234.00	\$0	0.000%
472221	A 3	FARMERS MUTUAL TEL CO LTD. - ID	\$438,750	1,875	\$234.00	\$0	0.000%
472223	C 2	GEM STATE UTILITIES CORP-ID	\$696,351	901	\$772.86	\$252,184	0.053%
472225	C 2	CENTURY TELEPHONE OF IDAHO	\$1,385,752	2,522	\$549.47	\$388,971	0.082%
472226	C 3	MIDVALE TEL. EXCH. INC.	\$238,156	259	\$919.52	\$93,858	0.020%

TABLE 3.5

National Exchange Carrier Association  
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STUDY AREA AND CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL	
IDAHO (CONT.)								
472227	A 3	MUD LAKE TEL. COOP. INC. ASSOC.	\$396,570	1,087	\$364.83	\$54,753	0.012%	
472230	C 2	POTLATCH TELEPHONE COMPANY INC.	\$162,025	820	\$197.59	\$0	0.000%	
472231	C 3	PROJECT MUTUAL TEL. COOP. ASSN.	\$1,313,519	6,206	\$211.65	\$0	0.000%	
472232	C 3	ROCKLAND TEL. CO., INC.	\$292,396	339	\$862.53	\$111,979	0.024%	
472233	C 3	RURAL TELEPHONE COMPANY - ID	\$231,149	222	\$1,041.21	\$95,645	0.020%	
472234	C 2	TROY TELEPHONE COMPANY	\$219,271	672	\$326.30	\$20,231	0.004%	
472295	C 3	SILVER STAR TEL. CO. INC.-ID	\$207,405	295	\$703.07	\$70,986	0.015%	
472416	C 2	GTE NORTHWEST INC. - IDAHO	\$30,479,612	70,252	\$433.86	\$6,266,519	1.328%	
472423	C 3	INLAND TELEPHONE COMPANY - ID	\$197,259	243	\$811.77	\$73,331	0.016%	
475103	C 1	MOUNTAIN BELL-IDAHO	\$80,000,386	329,276	\$242.96	\$0	0.000%	
475162	C 1	PACIFIC NORTHWEST BELL-IDAHO	\$5,763,027	23,660	\$243.58	\$0	0.000%	
STATE TOTAL:			ILLINOIS	\$986,317,815	6,242,710	\$158.00	\$2,715,514	0.575%
340976	A 3	ADAMS TELEPHONE COOPERATIVE	\$1,314,919	4,267	\$308.16	\$90,724	0.019%	
340978	A 3	ALHAMBRA-GRANTFORK TELEPHONE COMPANY	\$252,606	1,021	\$247.41	\$0	0.000%	
340983	A 3	CAMBRIDGE TELEPHONE COMPANY - IL	\$392,652	1,678	\$234.00	\$0	0.000%	
340984	A 3	CASS COUNTY TELEPHONE COMPANY	\$711,360	3,040	\$234.00	\$0	0.000%	
340985	C 2	CENTRAL TEL. CO. OF IL	\$32,261,413	173,883	\$185.54	\$0	0.000%	
340990	A 3	CLARKSVILLE MUTUAL TELEPHONE COMPANY	\$66,681	166	\$401.69	\$11,803	0.003%	
340993	A 3	CROSSVILLE TELEPHONE COMPANY	\$165,906	709	\$234.00	\$0	0.000%	
340998	A 3	DEPUÉ TELEPHONE COMPANY	\$191,412	818	\$234.00	\$0	0.000%	
341000	C 2	ALLTEL ILLINOIS INC.	\$7,480,413	39,245	\$190.61	\$0	0.000%	
341003	A 3	EGYPTIAN TELEPHONE COOPERATIVE ASSN.	\$778,436	2,743	\$283.79	\$25,733	0.005%	
341004	C 3	EL PASO TELEPHONE COMPANY	\$342,543	1,505	\$227.60	\$0	0.000%	
341009	A 3	C-R TELEPHONE COMPANY	\$242,532	934	\$259.67	\$0	0.000%	
341011	A 2	LAKESIDE TEL. CO.	\$226,970	816	\$278.15	\$5,412	0.001%	
341012	A 3	FLAT ROCK MUTUAL TELEPHONE COMPANY	\$124,606	495	\$251.73	\$0	0.000%	
341015	C 2	GTE NORTH INC. - ILLINOIS	\$117,807,578	542,481	\$217.16	\$0	0.000%	
341016	A 3	GENESEO TELEPHONE COMPANY	\$1,556,100	6,650	\$234.00	\$0	0.000%	
341017	A 3	GLASFORD TELEPHONE COMPANY	\$262,314	1,121	\$234.00	\$0	0.000%	
341020	A 3	GRAFTON TELEPHONE COMPANY	\$182,052	778	\$234.00	\$0	0.000%	
341021	A 3	THE GRANDVIEW MUTUAL TELEPHONE COMPAN	\$46,846	99	\$473.19	\$11,021	0.002%	
341023	C 3	GRIDLEY TELEPHONE COMPANY	\$265,594	1,089	\$243.89	\$0	0.000%	
341024	A 3	HAMILTON COUNTY TELEPHONE COOP.	\$712,325	2,323	\$306.64	\$47,670	0.010%	
341025	A 3	SHAWNEE TELEPHONE COMPANY	\$1,040,937	3,811	\$273.14	\$15,966	0.003%	
341026	A 3	HARRISONVILLE TELEPHONE COMPANY	\$3,561,948	15,222	\$234.00	\$0	0.000%	
341029	A 3	HENRY COUNTY TEL. CO.	\$356,382	1,523	\$234.00	\$0	0.000%	
341032	A 3	HOME TELEPHONE COMPANY - ST JACOB	\$190,008	812	\$234.00	\$0	0.000%	
341036	C 2	CONTEL OF ILLINOIS, INC.	\$44,467,062	155,341	\$286.25	\$1,643,617	0.348%	
341037	C 2	ILLINOIS CONSOLIDATED TELEPHONE COMPA	\$20,236,424	72,772	\$278.08	\$480,137	0.102%	
341038	C 2	INLAND TEL. CO.	\$1,137,873	4,205	\$270.60	\$12,410	0.003%	
341041	A 3	KINSMAN MUTUAL TELEPHONE COMPANY	\$41,678	84	\$496.17	\$10,437	0.002%	
341043	A 3	LA HARPE TELEPHONE COMPANY	\$263,718	1,127	\$234.00	\$0	0.000%	
341045	C 3	LEAF RIVER VALLEY TELEPHONE COMPANY	\$190,600	531	\$358.95	\$24,988	0.005%	
341046	A 3	LEONORE MUTUAL TELEPHONE COMPANY	\$61,849	148	\$417.90	\$11,873	0.003%	
341047	A 3	MCDONOUGH TELEPHONE COOPERATIVE INC.	\$1,320,607	4,608	\$286.59	\$49,520	0.010%	
341048	A 3	MENARD TELEPHONE COMPANY	\$114,075	412	\$276.88	\$2,477	0.001%	
341049	A 3	MADISON TELEPHONE COMPANY	\$356,919	1,346	\$265.17	\$409	0.000%	
341050	A 3	MARSEILLES TEL. CO. OF MARS.	\$793,260	3,390	\$234.00	\$0	0.000%	
341053	A 3	METAMORA TELEPHONE COMPANY	\$683,982	2,923	\$234.00	\$0	0.000%	
341054	A 3	MID CENTURY TEL. COOP. INC.	\$1,340,459	4,419	\$303.34	\$83,572	0.018%	
341055	C 2	MIDLAND TELEPHONE COMPANY	\$1,353,008	3,898	\$347.10	\$157,472	0.033%	
341058	A 3	MONTRÖSE MUTUAL TELEPHONE COMPANY	\$426,411	1,446	\$294.89	\$21,390	0.005%	
341060	C 3	MOULTRIE INDEPENDENT TELEPHONE COMPAN	\$121,881	652	\$186.93	\$0	0.000%	
341061	A 2	MT. PULASKI TELEPHONE & ELECTRIC CO.	\$454,896	1,944	\$234.00	\$0	0.000%	
341062	A 3	NEW WINDSOR TELEPHONE COMPANY	\$141,804	606	\$234.00	\$0	0.000%	
341065	A 3	ODIN TELEPHONE EXCHANGE INC.	\$266,526	1,139	\$234.00	\$0	0.000%	
341066	A 3	ONEIDA TELEPHONE EXCHANGE	\$130,674	553	\$236.30	\$0	0.000%	
341067	A 3	ORION TELEPHONE EXCHANGE ASSOCIATION	\$416,520	1,780	\$234.00	\$0	0.000%	



TABLE 3.5

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ILLINOIS (CONT.)							
341073	A 2	PRAIRIE TEL. CO.	\$249,918	997	\$250.67	\$0	0.000%
341075	A 3	REYNOLDS TELEPHONE COMPANY	\$130,674	553	\$236.30	\$0	0.000%
341079	A 3	SCHUYLER TELEPHONE COMPANY - IL	\$662,454	2,831	\$234.00	\$0	0.000%
341086	A 3	TONICA TELEPHONE COMPANY	\$127,654	523	\$244.08	\$0	0.000%
341087	A 3	VIOLA HOME TELEPHONE COMPANY	\$175,032	748	\$234.00	\$0	0.000%
341088	A 3	WABASH TELEPHONE COOPERATIVE INC.	\$1,158,868	4,803	\$241.28	\$0	0.000%
341091	A 3	WOODHULL COMMUNITY TELEPHONE COMPANY	\$158,418	677	\$234.00	\$0	0.000%
341092	A 3	STELLE TEL. CO.	\$31,759	58	\$547.57	\$8,883	0.002%
341093	A 3	YATES CITY TELEPHONE COMPANY	\$130,057	546	\$238.20	\$0	0.000%
345070	C 1	ILLINOIS BELL TEL CO	\$738,638,222	5,160,421	\$143.14	\$0	0.000%
STATE TOTAL: INDIANA			\$599,576,874	2,608,618	\$229.84	\$2,713,154	0.575%
320742	A 3	BLOOMINGDALE HOME TEL. CO. INC.	\$141,336	604	\$234.00	\$0	0.000%
320744	A 3	CAMDEN TELEPHONE CO INC - INDIANA	\$386,241	1,601	\$241.25	\$0	0.000%
320747	A 2	CENTRAL INDIANA TELEPHONE CO. INC.	\$571,896	2,444	\$234.00	\$0	0.000%
320750	A 2	CITIZEN'S TEL CO, INC. FAIRMOUNT, IN	\$545,922	2,333	\$234.00	\$0	0.000%
320751	A 3	CITIZENS TELEPHONE CORP - WARREN	\$504,504	2,156	\$234.00	\$0	0.000%
320753	C 3	CLAY CTY RURAL TEL. COOP. INC.	\$1,562,774	8,167	\$191.35	\$0	0.000%
320756	A 3	CRAIGVILLE TELEPHONE CO INC.	\$166,374	711	\$234.00	\$0	0.000%
320759	A 3	DAVIESS-MARTIN CTY RURAL TEL CORP	\$599,040	2,560	\$234.00	\$0	0.000%
320771	A 3	GEETINGSVILLE TELEPHONE CO INC.	\$119,355	452	\$264.06	\$0	0.000%
320772	C 2	GTE NORTH INC. - INDIANA	\$136,361,561	566,097	\$240.88	\$0	0.000%
320775	A 3	HANCOCK RURAL TELEPHONE CORP.	\$1,209,078	5,167	\$234.00	\$0	0.000%
320776	C 2	COMMUNICATIONS CORP OF INDIANA	\$2,064,553	7,578	\$272.44	\$29,163	0.006%
320777	A 2	HOME TELEPHONE COMPANY OF PITTSBORO	\$376,974	1,611	\$234.00	\$0	0.000%
320778	A 2	HOME TELEPHONE COMPANY INC.	\$472,446	2,019	\$234.00	\$0	0.000%
320779	C 2	CONTEL OF INDIANA, INC.	\$40,606,238	138,409	\$293.38	\$1,945,556	0.412%
320783	A 3	LIGONIER TELEPHONE COMPANY	\$518,076	2,214	\$234.00	\$0	0.000%
320788	C 3	MERCHANTS & FARMERS TELEPHONE CO	\$214,196	521	\$411.12	\$39,812	0.008%
320790	A 3	MONON TELEPHONE CO. INC.	\$340,938	1,457	\$234.00	\$0	0.000%
320792	A 3	MULBERRY COOP. TELEPHONE CO INC.	\$473,382	2,023	\$234.00	\$0	0.000%
320796	A 3	NEW LISBON TELEPHONE COMPANY INC.	\$192,348	822	\$234.00	\$0	0.000%
320797	C 3	NEW PARIS TELEPHONE INC.	\$401,519	1,555	\$258.21	\$0	0.000%
320800	C 3	NORTHWESTERN INDIANA TEL. CO. INC.	\$1,802,762	8,348	\$215.95	\$0	0.000%
320801	A 2	ODON TEL. CO.	\$348,192	1,488	\$234.00	\$0	0.000%
320807	A 3	PERRY-SPENCER RURAL TEL. COOP. INC.	\$990,756	4,234	\$234.00	\$0	0.000%
320809	A 2	COMMUNICATIONS CORP. OF SOUTHERN IND.	\$426,582	1,823	\$234.00	\$0	0.000%
320813	A 3	PULASKI-WHITE RURAL TEL. COOP. INC.	\$401,778	1,717	\$234.00	\$0	0.000%
320815	A 3	ROCHESTER TELEPHONE CO. INC.	\$1,380,834	5,901	\$234.00	\$0	0.000%
320816	A 3	S & W TEL. CO., INC.	\$122,102	474	\$257.60	\$0	0.000%
320818	A 3	SMITHVILLE TEL. CO., INC.	\$5,473,026	23,389	\$234.00	\$0	0.000%
320819	A 3	SOUTHEASTERN IND. RURAL TEL. COOP INC	\$792,558	3,387	\$234.00	\$0	0.000%
320825	A 3	SUNMAN TEL. CO. INC.	\$828,594	3,541	\$234.00	\$0	0.000%
320826	A 3	SWAYZEE TEL. CO. INC.	\$239,148	1,022	\$234.00	\$0	0.000%
320827	A 3	SWEETSER RURAL TEL. CO. INC.	\$343,044	1,466	\$234.00	\$0	0.000%
320828	C 2	THORNTOWN TELEPHONE CO. INC.	\$281,362	2,041	\$137.85	\$0	0.000%
320829	A 3	TIPTON TELEPHONE COMPANY INC.	\$1,011,582	4,323	\$234.00	\$0	0.000%
320830	A 3	TRI-COUNTY TEL. CO. INC.-IN	\$650,520	2,780	\$234.00	\$0	0.000%
320831	A 2	ALLTEL INDIANA INC.	\$2,124,954	9,081	\$234.00	\$0	0.000%
320832	C 2	UNITED TELEPHONE CO. OF INDIANA INC.	\$49,950,757	183,398	\$272.36	\$698,623	0.148%
320834	A 3	WASH. CTY. RURAL TEL. COOP. INC.	\$559,494	2,391	\$234.00	\$0	0.000%
320837	A 3	WEST POINT TELEPHONE CO. INC.	\$145,548	622	\$234.00	\$0	0.000%
320839	A 3	YEOMAN TELEPHONE COMPANY INC.	\$279,396	1,194	\$234.00	\$0	0.000%
325080	C 1	INDIANA BELL TEL CO	\$343,595,134	1,595,497	\$215.35	\$0	0.000%
STATE TOTAL: IOWA			\$270,370,565	1,341,480	\$201.55	\$2,447,989	0.519%
351096	A 3	AMANA SOCIETY SERVICE CO.	\$239,148	1,022	\$234.00	\$0	0.000%
351097	A 3	ANDREW TELEPHONE CO. INC.	\$98,142	311	\$315.57	\$7,736	0.002%

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IOWA (CONT.)							
351098	A 3	ARCADIA TELEPHONE COOP	\$99,353	318	\$312.43	\$7,423	0.002%
351101	A 3	ATKINS TELEPHONE COMPANY	\$130,888	554	\$236.26	\$0	0.000%
351105	C 3	AYRSHIRE FMRS. MUT. TEL. CO.	\$78,648	355	\$221.54	\$0	0.000%
351107	A 3	BALDWIN-NASHVILLE TELEPHONE CO. INC.	\$95,106	294	\$323.49	\$8,448	0.002%
351108	A 3	BARNES CITY COOP TELEPHONE CO.	\$64,376	157	\$410.04	\$11,901	0.003%
351110	C 3	BERNARD TELEPHONE COMPANY INC.	\$186,665	460	\$405.79	\$33,769	0.007%
351112	A 3	BREDA TELEPHONE COOPERATIVE	\$318,866	1,079	\$295.52	\$16,293	0.003%
351113	A 3	BROOKLYN MUTUAL TELEPHONE COMPANY	\$296,712	1,268	\$234.00	\$0	0.000%
351114	A 3	THE BURT TELEPHONE COMPANY	\$117,215	435	\$269.46	\$1,042	0.000%
351115	A 3	BUTLER-BREMER MUT. TELEPHONE COMPANY	\$446,238	1,907	\$234.00	\$0	0.000%
351118	A 3	CASCADE TELEPHONE COMPANY	\$332,982	1,423	\$234.00	\$0	0.000%
351119	A 3	CASEY MUTUAL TELEPHONE CO.	\$117,603	438	\$268.50	\$844	0.000%
351121	A 3	CENTER JUNCTION TEL. CO., INC.	\$60,102	142	\$423.25	\$11,819	0.003%
351125	A 3	CENTRAL SCOTT TELEPHONE	\$925,704	3,956	\$234.00	\$0	0.000%
351126	A 2	CHESTER TELEPHONE COMPANY- IOWA	\$75,973	203	\$374.25	\$11,301	0.002%
351127	C 2	CENTRAL TELEPHONE COMPANY - IOWA	\$9,400,115	46,979	\$200.09	\$0	0.000%
351129	A 3	THE CITIZENS MUTUAL TELEPHONE COMPANY	\$778,050	3,325	\$234.00	\$0	0.000%
351130	A 3	CLARENCE TELEPHONE COMPANY INC.	\$179,478	767	\$234.00	\$0	0.000%
351132	A 3	CLEAR LAKE INDP TELEPHONE CO	\$1,371,708	5,862	\$234.00	\$0	0.000%
351133	A 3	C-M-L TEL COOP ASSN	\$294,871	774	\$380.97	\$46,014	0.010%
351134	A 3	COLO TELEPHONE COMPANY	\$137,124	586	\$234.00	\$0	0.000%
351136	A 3	COON CREEK TELEPHONE COMPANY	\$131,077	556	\$235.75	\$0	0.000%
351137	A 3	COON VALLEY COOP TEL. ASSN. INC.	\$197,850	631	\$313.55	\$15,074	0.003%
351139	A 3	COOPERATIVE TELEPHONE COMPANY	\$398,583	1,278	\$311.88	\$29,490	0.006%
351141	A 3	CORN BELT TELEPHONE COMPANY	\$163,332	698	\$234.00	\$0	0.000%
351146	A 3	CUMBERLAND TEL. CO.	\$112,934	404	\$279.54	\$2,953	0.001%
351147	A 3	DANVILLE MUT. TELEPHONE COMPANY	\$198,666	849	\$234.00	\$0	0.000%
351148	A 3	DEEP RIVER MUT. TELEPHONE COMPANY	\$96,192	300	\$320.64	\$8,204	0.002%
351149	A 3	DEFIANCE TELEPHONE COMPANY	\$87,675	256	\$342.48	\$9,726	0.002%
351150	A 3	DIXON TELEPHONE COMPANY	\$135,720	580	\$234.00	\$0	0.000%
351152	A 3	DUMONT TELEPHONE COMPANY	\$130,697	552	\$236.77	\$0	0.000%
351153	A 3	DUNKERTON TELEPHONE COOP., INC.	\$141,102	603	\$234.00	\$0	0.000%
351156	A 3	EAST BUCHANAN TELEPHONE COOP	\$360,414	1,374	\$262.31	\$0	0.000%
351157	A 3	ELLSWORTH COOP TELEPHONE ASSN.	\$193,459	606	\$319.24	\$16,158	0.003%
351160	A 3	FARMERS & BUSINESSMEN'S TEL. CO.	\$248,838	988	\$251.86	\$0	0.000%
351162	A 3	FARMERS COOP TELEPHONE CO - DYSART	\$277,524	1,186	\$234.00	\$0	0.000%
351166	A 3	FARMERS & MERCHANTS MUTUAL TEL. CO.	\$170,118	727	\$234.00	\$0	0.000%
351168	A 3	FARMERS MUTUAL COOP TEL CO- HARLAN	\$601,473	1,734	\$346.87	\$69,826	0.015%
351169	A 3	FARMERS MUTUAL COOP TEL CO- MOULTON	\$130,697	552	\$236.77	\$0	0.000%
351171	A 3	FARMERS MUTUAL TEL CO- JESUP	\$403,884	1,726	\$234.00	\$0	0.000%
351172	A 3	FARMERS MUTUAL TEL CO - NORA SPRINGS	\$536,562	2,293	\$234.00	\$0	0.000%
351173	A 3	FARMERS MUTUAL TEL CO - SHELLSBURG	\$387,397	1,611	\$240.47	\$0	0.000%
351174	A 3	FARMERS MUTUAL TEL CO - STANTON	\$314,328	1,050	\$299.36	\$17,820	0.004%
351175	A 3	FARMERS TELEPHONE COMPANY- BATAVIA	\$110,669	388	\$285.23	\$3,912	0.001%
351176	A 3	FARMERS TELEPHONE COMPANY- ESSEX	\$163,332	698	\$234.00	\$0	0.000%
351177	A 3	FARMERS TEL. CO.-RICEVILLE	\$456,539	1,650	\$276.69	\$9,768	0.002%
351179	A 3	FENTON CO-OP TELEPHONE COMPANY	\$106,958	364	\$293.84	\$5,198	0.001%
351186	C 2	GTE NORTH INC. - IOWA	\$24,924,080	109,093	\$228.47	\$0	0.000%
351187	A 3	MID-IOWA TELEPHONE CO.	\$257,672	1,069	\$241.04	\$0	0.000%
351188	A 3	GOLDFIELD TEL. CO.	\$135,486	579	\$234.00	\$0	0.000%
351189	A 3	RIVER VALLEY TEL. COOP.	\$238,100	899	\$264.85	\$133	0.000%
351191	A 3	GRAND MOUND COOP TELEPHONE ASSN.	\$125,624	505	\$248.76	\$0	0.000%
351195	A 3	GRISWOLD CO-OP TELEPHONE COMPANY	\$494,421	1,947	\$253.94	\$0	0.000%
351199	A 3	HAWKEYE TELEPHONE COMPANY	\$121,551	469	\$259.17	\$0	0.000%
351202	A 3	HOSPERS TELEPHONE EXCHANGE INC.	\$147,420	630	\$234.00	\$0	0.000%
351203	A 3	HUBBARD COOP TEL. ASSN.	\$177,138	757	\$234.00	\$0	0.000%
351205	A 3	HUXLEY COOP TELEPHONE COMPANY	\$329,940	1,410	\$234.00	\$0	0.000%
351206	A 3	IAMO TELEPHONE COMPANY- IA	\$161,371	447	\$361.01	\$21,555	0.005%
351207	C 2	CONTEL OF IOWA, INC.	\$20,690,788	69,988	\$295.63	\$1,060,560	0.225%
351209	A 3	INTERSTATE 35 TELEPHONE COMPANY	\$298,718	957	\$312.14	\$22,204	0.005%

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Data for 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
IOWA (CONT.)							
351212	A 3	JEFFERSON TELEPHONE COMPANY- IA	\$710,424	3,036	\$234.00	\$0	0.000%
351213	A 3	JORDAN SOLDIER VAL COOP TEL. CO.	\$104,139	346	\$300.98	\$6,146	0.001%
351214	A 3	KALONA COOP TELEPHONE COMPANY	\$363,168	1,552	\$234.00	\$0	0.000%
351217	A 3	KEYSTONE FRMS. COOP TELEPHONE CO	\$293,899	930	\$316.02	\$23,337	0.005%
351220	A 3	LA PORTE CITY TELEPHONE COMPANY	\$410,904	1,756	\$234.00	\$0	0.000%
351222	A 3	LA MOTTE TELEPHONE CO.	\$137,358	587	\$234.00	\$0	0.000%
351223	A 3	LAUREL TELEPHONE COMPANY INC.	\$94,739	292	\$324.45	\$8,527	0.002%
351225	A 3	LEHIGH VALLEY COOP TEL. ASSN.	\$476,465	1,799	\$264.85	\$267	0.000%
351228	A 3	LONE ROCK CO-OP TELEPHONE CO	\$92,550	281	\$329.36	\$8,879	0.002%
351229	C 3	LOST NATION - ELWOOD TEL. CO.	\$162,017	608	\$266.48	\$573	0.000%
351230	A 3	NORTHEAST IOWA TELEPHONE CO.	\$413,478	1,767	\$234.00	\$0	0.000%
351232	A 3	LYNNVILLE COMM. TEL. CO. INC.	\$98,489	313	\$314.66	\$7,647	0.002%
351235	A 3	MANILLA TELEPHONE COMPANY	\$133,380	570	\$234.00	\$0	0.000%
351237	A 3	MARNE & ELK HORN TELEPHONE CO	\$406,978	1,327	\$306.69	\$27,263	0.006%
351238	A 3	MARTELLE COOP TELEPHONE ASSN	\$95,106	294	\$323.49	\$8,448	0.002%
351239	A 3	MASSENA TELEPHONE COMPANY	\$203,903	666	\$306.16	\$13,511	0.003%
351241	A 3	MECHANICSVILLE TELEPHONE COMPANY	\$184,392	788	\$234.00	\$0	0.000%
351242	A 3	MILES COOP TEL. ASSN.	\$161,694	691	\$234.00	\$0	0.000%
351243	A 3	MILLER TELEPHONE COMPANY-IA	\$46,135	97	\$475.62	\$10,931	0.002%
351245	A 3	MINBURN TELEPHONE COMPANY	\$117,089	434	\$269.79	\$1,109	0.000%
351246	A 3	MINERVA VALLEY TELEPHONE CO. INC.	\$216,482	744	\$290.97	\$9,584	0.002%
351247	A 3	MODERN COOP TELEPHONE COMPANY	\$319,420	879	\$363.39	\$43,564	0.009%
351248	A 3	MONTEZUMA MUTUAL TELEPHONE COMPANY	\$397,098	1,697	\$234.00	\$0	0.000%
351250	A 3	MUTUAL TEL. CO. OF MORNING SUN	\$136,890	585	\$234.00	\$0	0.000%
351251	A 3	MEDIAPOLIS TELEPHONE COMPANY	\$389,385	1,631	\$238.74	\$0	0.000%
351252	A 3	MUTUAL TEL. CO.	\$738,036	3,154	\$234.00	\$0	0.000%
351257	A 3	NORTH ENGLISH COOP TEL. COMPANY	\$173,628	742	\$234.00	\$0	0.000%
351259	A 3	NORTHERN IOWA TELEPHONE COMPANY	\$727,868	2,416	\$301.27	\$43,254	0.009%
351260	A 3	NORTHWEST IOWA TEL CO INC	\$632,034	2,701	\$234.00	\$0	0.000%
351261	A 3	NORTHWEST TEL. COOP.	\$378,124	1,165	\$324.57	\$34,090	0.007%
351262	A 3	NORWAY RURAL TELEPHONE COMPANY	\$147,888	632	\$234.00	\$0	0.000%
351263	A 3	OGDEN TELEPHONE COMPANY - IA	\$371,124	1,586	\$234.00	\$0	0.000%
351264	A 3	OLIN TELEPHONE CO INC.	\$212,218	717	\$295.98	\$10,987	0.002%
351265	A 3	ONSLow COOP TELEPHONE ASSN.	\$78,337	213	\$367.78	\$11,083	0.002%
351266	A 3	ORAN MUTUAL TELEPHONE COMPANY	\$81,670	228	\$358.20	\$10,634	0.002%
351269	A 3	PALO COOP TEL. ASSN.	\$104,935	351	\$298.96	\$5,889	0.001%
351270	A 3	PALMER MUTUAL TELEPHONE CO.	\$100,378	324	\$309.81	\$7,149	0.002%
351271	A 3	PANORA COOP TEL. ASSN. INC.	\$325,260	1,390	\$234.00	\$0	0.000%
351273	A 3	PEOPLES TELEPHONE COMPANY - IA	\$193,518	827	\$234.00	\$0	0.000%
351274	A 3	POSTVILLE TELEPHONE COMPANY	\$319,176	1,364	\$234.00	\$0	0.000%
351275	A 3	PRAIRIEBURG TELEPHONE COMPANY INC.	\$73,527	193	\$380.97	\$11,474	0.002%
351276	A 3	PRESTON TELEPHONE COMPANY	\$266,058	1,137	\$234.00	\$0	0.000%
351277	A 3	RADCLIFFE TELEPHONE CO INC.	\$123,179	483	\$255.03	\$0	0.000%
351278	A 3	READLYN TELEPHONE COMPANY	\$159,120	680	\$234.00	\$0	0.000%
351280	A 3	RINGSTED TELEPHONE COMPANY	\$119,111	450	\$264.69	\$32	0.000%
351282	A 3	ROCKWELL COOP TELEPHONE ASSN.	\$396,524	1,266	\$313.21	\$30,034	0.006%
351283	A 3	ROYAL TEL. CO.	\$107,870	370	\$291.54	\$4,869	0.001%
351284	A 3	RUTHVEN TEL. EXCH. CO.	\$158,184	676	\$234.00	\$0	0.000%
351285	A 3	SAC COUNTY MUTUAL TEL. CO.	\$259,500	1,086	\$238.95	\$0	0.000%
351291	A 3	SCHALLER TEL. CO.	\$460,056	1,675	\$274.66	\$8,259	0.002%
351292	A 3	SEARSBORO TEL. CO.	\$122,310	291	\$420.31	\$23,739	0.005%
351293	A 3	SHARON TEL. CO.	\$241,772	928	\$260.53	\$0	0.000%
351294	A 3	SCRANTON TEL. CO.	\$127,566	522	\$244.38	\$0	0.000%
351295	A 3	SHELL ROCK TEL. CO.	\$215,748	922	\$234.00	\$0	0.000%
351297	A 3	HEART OF IOWA TELEPHONE COOP	\$646,434	1,958	\$330.15	\$62,621	0.013%
351298	A 3	SOUTH SLOPE COOP TEL. CO.	\$1,247,220	5,330	\$234.00	\$0	0.000%
351301	A 3	SOUTHWEST TEL. EXCH., INC.	\$245,802	687	\$357.79	\$31,884	0.007%
351302	A 3	SPRINGVILLE COOP TEL. ASSN.	\$248,742	1,063	\$234.00	\$0	0.000%
351303	A 3	COOPERATIVE TELEPHONE EXCHANGE	\$199,221	639	\$311.77	\$14,711	0.003%
351304	A 3	SWISHER TEL. CO.	\$133,614	571	\$234.00	\$0	0.000%

TABLE 3.5

National Exchange Carrier Association  
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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL	
IOWA (CONT.)								
351305	A 3	STRATFORD MUTUAL TEL. CO.	\$144,378	617	\$234.00	\$0	0.000%	
351306	A 3	SULLY TEL. ASSOC.	\$248,056	981	\$252.86	\$0	0.000%	
351307	A 3	SUPERIOR TEL. COOP.	\$69,080	175	\$394.74	\$11,759	0.002%	
351308	A 3	TEMPLETON TELEPHONE COMPANY	\$104,616	349	\$299.76	\$5,991	0.001%	
351309	A 3	TERRIL TELEPHONE COMPANY	\$106,958	364	\$293.84	\$5,198	0.001%	
351310	A 3	TITONKA TELEPHONE COMPANY	\$135,018	577	\$234.00	\$0	0.000%	
351316	C 3	UNITED FARMERS TELEPHONE COMPANY	\$167,755	527	\$318.32	\$13,815	0.003%	
351319	A 3	VAN BUREN TELEPHONE CO INC.	\$719,294	2,364	\$304.27	\$45,780	0.010%	
351320	A 3	VAN HORNE COOP TELEPHONE CO.	\$126,411	511	\$247.38	\$0	0.000%	
351322	A 3	VENTURA TELEPHONE CO. INC.	\$124,970	499	\$250.44	\$0	0.000%	
351324	A 3	VILLISCA FARMERS TELEPHONE CO.	\$273,780	1,170	\$234.00	\$0	0.000%	
351326	A 3	WALNUT TELEPHONE COMPANY	\$181,818	777	\$234.00	\$0	0.000%	
351327	C 3	WEBB-DICKENS TELEPHONE CORPORATION	\$138,241	438	\$315.62	\$10,906	0.002%	
351328	A 3	WEBSTER-CALHOUN COOP TELEPHONE ASSN.	\$1,484,480	4,511	\$329.08	\$141,918	0.030%	
351329	A 3	WELLMAN COOP TELEPHONE ASSN.	\$267,696	1,144	\$234.00	\$0	0.000%	
351331	A 3	WEST IOWA TELEPHONE COMPANY	\$1,075,932	4,598	\$234.00	\$0	0.000%	
351332	A 3	WEST LIBERTY TELEPHONE COMPANY	\$699,426	2,989	\$234.00	\$0	0.000%	
351334	A 3	WESTERN IOWA TELEPHONE ASSN.	\$866,666	2,981	\$290.73	\$38,052	0.008%	
351335	A 3	WESTSIDE INDP. TELEPHONE COMPANY	\$102,517	336	\$305.11	\$6,644	0.001%	
351336	A 3	WILTON TELEPHONE COMPANY	\$393,120	1,680	\$234.00	\$0	0.000%	
351337	A 3	WINNEBAGO COOP TELEPHONE ASSN - IA	\$1,647,552	5,739	\$287.08	\$63,045	0.013%	
351341	A 3	SCHUYLER TELEPHONE COMPANY - IA	\$213,642	913	\$234.00	\$0	0.000%	
351342	A 3	WOOLSTOCK MUT. TELEPHONE ASSN.	\$89,073	263	\$338.68	\$9,505	0.002%	
351343	A 3	WYOMING MUTUAL TELEPHONE COMPANY	\$150,228	642	\$234.00	\$0	0.000%	
351344	A 3	PRAIRIE TELEPHONE COMPANY INC.	\$316,847	1,066	\$297.23	\$16,985	0.004%	
351346	C 3	ACE TELEPHONE ASSOCIATION- IOWA	\$883,956	3,837	\$230.38	\$0	0.000%	
351405	A 3	HILLS TEL. CO., INC. - IA	\$550,655	1,660	\$331.72	\$54,361	0.012%	
351424	A 3	MABEL COOPERATIVE TELEPHONE CO. IA	\$278,738	848	\$328.70	\$26,521	0.006%	
351790	C 2	CONTEL SYSTEM OF IOWA	\$13,595,586	62,610	\$217.15	\$0	0.000%	
351888	C 3	GRAND RIVER MUTUAL TEL CORP - IA	\$1,628,806	5,631	\$289.26	\$67,843	0.014%	
355141	C 1	NORTHWESTERN BELL-IOWA	\$157,080,540	883,257	\$177.84	\$0	0.000%	
STATE TOTAL:			KANSAS	\$326,334,561	1,240,386	\$263.09	\$8,803,613	1.866%
411317	C 2	UTC OF EASTERN KANSAS	\$19,191,448	45,129	\$425.26	\$3,807,221	0.807%	
411741	C 3	ASSARIA TELEPHONE EXCHANGE INC.	\$136,847	460	\$297.49	\$7,388	0.002%	
411746	C 3	BLUE VALLEY TELEPHONE COMPANY	\$758,749	2,686	\$282.48	\$23,483	0.005%	
411756	A 3	COLUMBUS TELEPHONE COMPANY	\$434,538	1,857	\$234.00	\$0	0.000%	
411758	A 3	COUNCIL GROVE TEL. CO.	\$409,032	1,748	\$234.00	\$0	0.000%	
411761	C 3	CUNNINGHAM TELEPHONE CO. INC.	\$589,376	1,516	\$388.77	\$96,778	0.021%	
411764	C 3	ELKHART TELEPHONE COMPANY INC.	\$334,295	1,414	\$236.42	\$0	0.000%	
411777	A 3	GOLDEN BELT TELEPHONE ASSN. INC.	\$1,313,742	3,545	\$370.59	\$190,052	0.040%	
411778	A 3	GORHAM TELEPHONE COMPANY INC.	\$135,359	339	\$399.29	\$23,647	0.005%	
411780	A 3	HAVILAND TELEPHONE COMPANY INC.	\$1,145,310	3,553	\$322.35	\$100,122	0.021%	
411781	C 3	H & B COMMUNICATIONS INC.	\$517,146	936	\$552.51	\$145,961	0.031%	
411782	C 3	HOME TELEPHONE COMPANY INC.	\$427,328	1,300	\$328.71	\$40,664	0.009%	
411785	C 2	J. B. N. TELEPHONE COMPANY INC.	\$1,044,396	2,421	\$431.39	\$212,591	0.045%	
411788	C 3	KANOKLA TEL. ASSOC. INC. - KS	\$730,609	2,092	\$349.24	\$87,031	0.018%	
411791	A 3	LA HARPE TELEPHONE COMPANY INC.	\$108,490	374	\$290.08	\$4,655	0.001%	
411801	C 3	MADISON TEL. CO. INC. - KS	\$452,750	727	\$622.76	\$142,101	0.030%	
411807	C 3	MOKAN DIAL, INC. - KS	\$556,898	2,025	\$275.01	\$10,330	0.002%	
411808	C 3	MOUNDRIDGE TEL. CO.	\$932,179	2,097	\$444.53	\$199,640	0.042%	
411809	A 3	MUTUAL TELEPHONE COMPANY	\$119,012	449	\$265.06	\$113	0.000%	
411814	C 3	PEOPLES MUTUAL TEL. CO.-KS	\$383,177	1,089	\$351.86	\$46,909	0.010%	
411817	C 3	PIONEER TELEPHONE ASSOCIATION INC.	\$3,203,064	11,009	\$290.95	\$141,707	0.030%	
411818	C 3	CRAW-KAN TELEPHONE COOP INC- KS	\$3,116,537	11,425	\$272.78	\$45,861	0.010%	
411820	A 3	RAINBOW TEL COOPERATIVE ASSN INC.	\$648,882	1,803	\$359.89	\$85,809	0.018%	
411826	C 3	RURAL TEL. SERVICE CO., INC.	\$3,086,800	6,513	\$473.94	\$727,799	0.154%	
411827	C 3	S & T TEL. COOP. ASSN.	\$993,507	1,595	\$622.89	\$311,870	0.066%	
411829	A 3	S & A TEL. CO., INC.	\$212,261	717	\$296.04	\$11,008	0.002%	

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KANSAS (CONT.)							
411831	C 3	SOUTH CENTRAL TEL. ASSN. INC.-KS	\$335,301	1,039	\$322.72	\$29,461	0.006%
411833	A 3	SOUTHERN KANSAS TEL. CO., INC.	\$1,145,962	3,360	\$341.06	\$125,330	0.027%
411835	C 3	SUNFLOWER TEL. CO., INC.	\$1,756,287	3,842	\$457.13	\$392,998	0.083%
411839	A 3	TRI-COUNTY TEL. ASSN. INC.-KS	\$1,110,096	3,187	\$348.32	\$130,936	0.028%
411840	C 3	TWIN VALLEY TEL. INC.-KS	\$956,472	2,179	\$438.95	\$200,607	0.043%
411841	C 3	UNITED TELEPHONE ASSN. INC.	\$2,189,217	4,781	\$457.90	\$491,119	0.104%
411842	C 2	UNITED TELEPHONE CO OF KS	\$18,345,230	66,744	\$274.86	\$335,594	0.071%
411845	A 3	WAMEGO TELEPHONE COMPANY INC.	\$886,860	3,790	\$234.00	\$0	0.000%
411847	C 3	THE WHEAT STATE TEL. CO. INC.	\$1,000,429	1,933	\$517.55	\$263,422	0.056%
411849	C 3	WILSON TELEPHONE COMPANY INC.	\$807,817	2,228	\$362.57	\$109,395	0.023%
411852	C 3	ZENDA TELEPHONE COMPANY INC.	\$123,759	220	\$562.54	\$35,548	0.008%
411957	C 2	UTC OF SE. KANSAS	\$1,270,612	5,181	\$245.24	\$0	0.000%
412030	C 3	TOTAH TELEPHONE CO. INC.	\$766,520	1,322	\$579.82	\$226,463	0.048%
415214	C 1	SOUTHWESTERN BELL-KANSAS	\$254,658,267	1,031,761	\$246.82	\$0	0.000%
STATE TOTAL: KENTUCKY			\$437,543,738	1,552,899	\$281.76	\$6,639,167	1.407%
260396	A 3	BALLARD RURAL TEL. COOP. CORP. INC.	\$1,210,014	5,171	\$234.00	\$0	0.000%
260398	A 3	BRANDENBURG TELEPHONE COMPANY, INC.	\$4,351,230	18,595	\$234.00	\$0	0.000%
260401	A 3	DUO COUNTY TEL. COOP. INC.	\$2,025,504	8,656	\$234.00	\$0	0.000%
260402	A 2	ALLTEL KENTUCKY, INC.	\$3,668,886	15,679	\$234.00	\$0	0.000%
260406	A 3	FOOTHILLS RURAL TEL. COOP. CORP. INC.	\$2,511,054	10,731	\$234.00	\$0	0.000%
260407	C 2	GTE SOUTH INC. - KENTUCKY	\$99,184,755	306,773	\$323.32	\$1,352,271	0.287%
260408	A 3	HAROLD TELEPHONE CO INC.	\$1,069,848	4,572	\$234.00	\$0	0.000%
260410	C 2	CONTEL OF KENTUCKY, INC.	\$25,187,971	62,146	\$405.30	\$4,545,083	0.963%
260411	A 2	LESLIE COUNTY TEL. CO. INC.	\$1,469,286	6,279	\$234.00	\$0	0.000%
260412	A 2	LEWISPORT TEL. CO. INC.	\$237,510	1,015	\$234.00	\$0	0.000%
260413	A 3	LOGAN TELEPHONE COOPERATIVE, INC.	\$1,218,906	5,209	\$234.00	\$0	0.000%
260414	A 3	MOUNTAIN RURAL TEL. COOP. CORP. INC.	\$2,397,798	10,247	\$234.00	\$0	0.000%
260415	A 3	PEOPLES RURAL TEL. COOP. CORP.	\$1,261,494	5,391	\$234.00	\$0	0.000%
260417	A 2	SALEM TEL. CO.	\$404,118	1,727	\$234.00	\$0	0.000%
260418	A 3	SOUTH CENTRAL RURAL TEL. COOP. CORP. INC.	\$4,629,456	19,784	\$234.00	\$0	0.000%
260419	A 3	THACKER/GRIGSBY TEL. CO., INC.	\$1,378,494	5,891	\$234.00	\$0	0.000%
260421	A 3	WEST KY. RURAL TEL. COOP. CORP. INC.	\$3,230,604	13,806	\$234.00	\$0	0.000%
265061	C 2	CINCINNATI BELL-KENTUCKY	\$31,142,479	139,965	\$222.50	\$0	0.000%
265182	C 1	SOUTH CENTRAL BELL-KENTUCKY	\$250,964,331	911,262	\$275.40	\$741,813	0.157%
STATE TOTAL: LOUISIANA			\$633,309,071	1,898,695	\$333.55	\$19,458,184	4.124%
270423	C 2	CENTRAL LOUISIANA TELEPHONE COMPANY	\$6,639,692	13,015	\$510.16	\$1,719,533	0.364%
270424	C 2	COASTAL TELEPHONE & ELECTRONICS CORP.	\$3,794,922	9,571	\$396.50	\$652,604	0.138%
270425	C 3	CAMERON TEL. CO.- LA	\$3,172,486	5,585	\$568.04	\$919,720	0.195%
270426	A 3	CAMPTI-PLEASANT HILL TEL. COMPANY	\$514,885	2,133	\$241.39	\$0	0.000%
270427	A 3	CHATHAM TELEPHONE COMPANY, INC.	\$289,692	1,238	\$234.00	\$0	0.000%
270428	A 3	DELCAMBRE TELEPHONE COMPANY	\$267,228	1,142	\$234.00	\$0	0.000%
270429	C 3	EAST ASCENSION TELEPHONE COMPANY	\$7,085,215	21,388	\$331.27	\$695,708	0.147%
270430	C 3	ELIZABETH TELEPHONE COMPANY INC	\$1,492,274	2,248	\$663.82	\$491,307	0.104%
270431	C 2	CADDOAN TELEPHONE COMPANY	\$3,429,722	7,869	\$435.85	\$710,728	0.151%
270432	A 3	KAPLAN TELEPHONE COMPANY	\$1,072,656	4,584	\$234.00	\$0	0.000%
270433	C 3	LAFOURCHE TEL. CO.	\$4,553,402	11,349	\$401.22	\$803,970	0.170%
270434	C 2	EVANGELINE TELEPHONE COMPANY	\$10,056,031	26,025	\$386.40	\$1,626,675	0.345%
270435	C 3	NORTHEAST LOUISIANA TEL. CO. INC.	\$572,690	790	\$724.92	\$199,808	0.042%
270436	C 2	CENTURY TELEPHONE OF NORTH LOUISIANA	\$4,595,594	5,313	\$864.97	\$1,762,322	0.373%
270438	C 3	RESERVE TELEPHONE COMPANY	\$1,150,677	4,208	\$273.45	\$18,266	0.004%
270439	A 3	RINGGOLD TEL. CO., INC.	\$357,318	1,527	\$234.00	\$0	0.000%
270440	C 2	CENTURY TELEPHONE COMPANY INC.	\$1,395,840	1,555	\$897.65	\$544,378	0.115%
270441	A 3	STAR TEL. CO., INC.	\$1,014,390	4,335	\$234.00	\$0	0.000%
270442	C 2	LOUISIANA WESTERN TELEPHONE COMPANY	\$2,682,831	3,109	\$862.92	\$1,027,670	0.218%
275183	C 1	SOUTH CENTRAL BELL-LOUISIANA	\$579,171,526	1,771,711	\$326.90	\$8,285,495	1.756%

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
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Data for 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
STATE TOTAL:		MAINE	\$180,205,736	641,981	\$280.70	\$2,637,214	0.559%
100002	A 3	BRYANT POND TEL. CO.	\$123,459	486	\$254.03	\$0	0.000%
100003	C 3	LINCOLNVILLE TEL. CO.	\$425,163	1,271	\$334.51	\$43,351	0.009%
100004	C 3	CHINA TEL. CO.	\$747,676	2,511	\$297.76	\$40,658	0.009%
100005	A 3	COBBOSSEECONTEE TEL. CO.	\$150,228	642	\$234.00	\$0	0.000%
100007	A 3	ISLAND TEL. CO.	\$45,088	74	\$609.30	\$13,904	0.003%
100010	C 3	HAMPDEN TEL. CO.	\$485,279	2,261	\$214.63	\$0	0.000%
100011	C 2	HARTLAND & ST. ALBANS TEL. CO.	\$940,365	2,681	\$350.75	\$113,812	0.024%
100014	C 2	CONTEL OF MAINE, INC.	\$13,383,757	38,755	\$345.34	\$1,527,260	0.324%
100015	A 3	COMMUNITY SERVICE TEL. CO.	\$1,984,788	8,482	\$234.00	\$0	0.000%
100019	A 3	OXFORD COUNTY TEL. & TELE. CO.	\$882,180	3,770	\$234.00	\$0	0.000%
100020	A 3	PINE TREE TEL. & TELE. CO.	\$1,103,076	4,714	\$234.00	\$0	0.000%
100022	A 3	SACO RIVER TEL. & TELE. CO.	\$1,386,918	5,927	\$234.00	\$0	0.000%
100024	C 2	SOMERSET TEL. CO.	\$2,172,368	8,811	\$246.55	\$0	0.000%
100025	C 3	STANDISH TEL. CO.	\$1,925,570	5,360	\$359.25	\$253,166	0.054%
100027	C 3	UNION RIVER TEL. CO.	\$386,047	970	\$397.99	\$66,953	0.014%
100029	C 3	UNITY TEL. CO., INC.	\$985,391	3,399	\$289.91	\$42,028	0.009%
100031	C 2	WARREN TEL. CO.	\$300,005	1,279	\$234.56	\$0	0.000%
100034	C 2	WEST PENOBSCOT TEL. & TEL. CO.	\$445,162	1,773	\$251.08	\$0	0.000%
105111	C 1	NEW ENGLAND TEL.-MAINE	\$152,333,216	548,815	\$277.57	\$536,082	0.114%
STATE TOTAL:		MARYLAND	\$505,684,456	2,725,340	\$185.55	\$0	0.000%
180216	A 3	ARMSTRONG TELEPHONE COMPANY OF MD	\$1,045,746	4,469	\$234.00	\$0	0.000%
185030	C 1	C & P TELEPHONE COMPANY OF MARYLAND	\$504,638,710	2,720,871	\$185.47	\$0	0.000%
STATE TOTAL:		MASSACHUSETTS	\$547,488,297	3,527,280	\$155.22	\$0	0.000%
110036	A 3	GRANBY TEL. & TELE. CO - MA	\$558,324	2,386	\$234.00	\$0	0.000%
110037	C 3	RICHMOND TEL. CO.	\$200,060	909	\$220.09	\$0	0.000%
115112	C 1	NEW ENGLAND TEL.-MA	\$546,729,913	3,523,985	\$155.15	\$0	0.000%
STATE TOTAL:		MICHIGAN	\$973,271,154	4,765,970	\$204.21	\$3,991,866	0.846%
310669	A 3	ALLENDALE TELEPHONE COMPANY	\$1,000,116	4,274	\$234.00	\$0	0.000%
310671	C 2	CENTURY TELEPHONE MIDWEST, INC.	\$6,795,252	20,630	\$329.39	\$652,144	0.138%
310672	A 2	COMMUNICATIONS CORP. OF MICHIGAN	\$858,780	3,670	\$234.00	\$0	0.000%
310675	A 3	BARAGA TELEPHONE COMPANY	\$925,704	3,956	\$234.00	\$0	0.000%
310676	A 3	BARRY COUNTY TELEPHONE COMPANY	\$1,440,036	6,154	\$234.00	\$0	0.000%
310677	A 2	ISLAND TELEPHONE COMPANY	\$214,512	731	\$293.45	\$10,300	0.002%
310678	A 3	BLANCHARD TELEPHONE ASSOC. INC.	\$260,442	1,113	\$234.00	\$0	0.000%
310679	C 3	BLOOMINGDALE TELEPHONE COMPANY	\$995,614	1,533	\$649.45	\$322,650	0.068%
310680	C 3	CHIPPEWA COUNTY TELEPHONE COMPANY	\$269,008	852	\$315.74	\$21,263	0.005%
310681	C 2	ALLTEL MICHIGAN INC.	\$10,537,470	39,297	\$268.15	\$69,043	0.015%
310682	C 2	C, C & S TELCO, INC. - MICHIGAN	\$4,025,469	17,891	\$225.00	\$0	0.000%
310683	C 3	CARR TELEPHONE COMPANY	\$473,005	1,375	\$344.00	\$53,259	0.011%
310685	C 2	CHATHAM TELEPHONE COMPANY - MI	\$653,816	2,151	\$303.96	\$41,330	0.009%
310688	A 3	CLIMAX TELEPHONE COMPANY	\$244,764	1,046	\$234.00	\$0	0.000%
310691	A 3	DEERFIELD FARMERS TELEPHONE COMPANY	\$549,432	2,348	\$234.00	\$0	0.000%
310692	A 3	DRENTH TELEPHONE COMPANY	\$133,614	571	\$234.00	\$0	0.000%
310694	A 3	FARMERS MUTUAL TEL CO OF CHAPIN	\$116,219	428	\$271.54	\$1,459	0.000%
310695	C 2	GTE NORTH INC. - MICHIGAN	\$136,414,564	477,473	\$285.70	\$757,535	0.161%
310702	C 2	CENTURY TELEPHONE OF MICHIGAN, INC.	\$13,010,682	41,408	\$314.21	\$1,002,537	0.212%
310703	A 3	KALEVA TELEPHONE COMPANY	\$380,379	1,545	\$246.20	\$0	0.000%
310704	C 3	ACE TELEPHONE CO. OF MI INC.	\$1,291,502	3,613	\$357.46	\$167,013	0.035%
310705	A 3	KINGSLEY TELEPHONE COMPANY	\$500,760	2,140	\$234.00	\$0	0.000%
310708	A 3	Lennon TELEPHONE COMPANY	\$429,624	1,836	\$234.00	\$0	0.000%
310711	C 2	MIDWAY TELEPHONE COMPANY	\$408,054	773	\$527.88	\$109,833	0.023%
310713	C 3	HIAWATHA TELEPHONE COMPANY	\$1,323,122	3,978	\$332.61	\$131,995	0.028%
310714	C 3	OGDEN TELEPHONE COMPANY	\$174,648	406	\$430.17	\$35,373	0.007%
310717	C 2	ONTONAGON COUNTY TELEPHONE CO.	\$933,311	3,803	\$245.41	\$0	0.000%

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
MICHIGAN (CONT.)							
310720	C 3	PENINSULA TELEPHONE COMPANY - MI	\$245,798	1,032	\$238.18	\$0	0.000%
310721	C 3	PIGEON TELEPHONE COMPANY	\$860,344	2,590	\$332.18	\$85,396	0.018%
310725	A 3	SAND CREEK TEL. CO.	\$257,868	1,102	\$234.00	\$0	0.000%
310726	A 2	SHIAWASSEE TELEPHONE COMPANY	\$1,039,896	4,444	\$234.00	\$0	0.000%
310728	C 3	SPRINGPORT TEL. CO.	\$409,710	1,585	\$258.49	\$0	0.000%
310732	C 3	UPPER PENINSULA TEL. CO.	\$1,948,105	3,737	\$521.30	\$517,147	0.110%
310734	A 3	WALDRON TELEPHONE COMPANY	\$137,592	588	\$234.00	\$0	0.000%
310735	A 3	WESTPHALIA TELEPHONE COMPANY	\$200,304	856	\$234.00	\$0	0.000%
310737	C 3	WINN TELEPHONE COMPANY	\$170,992	541	\$316.07	\$13,589	0.003%
310738	C 2	WOLVERINE TELEPHONE COMPANY	\$1,314,709	7,358	\$178.68	\$0	0.000%
315090	C 1	MICHIGAN BELL TEL CO	\$782,325,937	4,097,142	\$190.94	\$0	0.000%
STATE TOTAL: MINNESOTA			\$490,020,222	2,258,762	\$216.94	\$5,272,945	1.117%
361140	C 2	CONTEL OF MINNESOTA, INC.	\$29,511,631	95,008	\$310.62	\$2,133,982	0.452%
361186	C 2	GTE NORTH INC. - MINNESOTA	\$741,211	3,587	\$206.64	\$0	0.000%
361337	A 3	WINNEBAGO COOP TELEPHONE ASSOC - MN	\$287,689	745	\$386.16	\$46,465	0.010%
361346	C 3	ACE TELEPHONE ASSOCIATION - MN	\$1,883,595	9,006	\$209.15	\$0	0.000%
361347	A 3	ALBANY MUTUAL TELEPHONE ASSN. INC.	\$594,360	2,540	\$234.00	\$0	0.000%
361350	C 3	ARVIG TELEPHONE COMPANY	\$1,826,650	9,091	\$200.93	\$0	0.000%
361353	A 3	CITY OF BARNESVILLE TELEPHONE CO	\$232,362	993	\$234.00	\$0	0.000%
361356	A 3	BENTON COOPERATIVE TELEPHONE CO.	\$705,744	3,016	\$234.00	\$0	0.000%
361357	A 3	BLACKDUCK TELEPHONE COMPANY	\$245,466	1,049	\$234.00	\$0	0.000%
361358	A 3	BLUE EARTH VALLEY TELEPHONE CO.	\$1,497,600	6,400	\$234.00	\$0	0.000%
361362	A 3	BRIDGEWATER TELEPHONE COMPANY	\$1,072,890	4,585	\$234.00	\$0	0.000%
361365	A 3	CALLAWAY TELEPHONE COMPANY	\$80,132	221	\$362.59	\$10,854	0.002%
361367	C 2	CENTRAL TELEPHONE COMPANY - MN	\$14,395,057	77,907	\$184.77	\$0	0.000%
361370	C 3	CLARA CITY TELEPHONE EXCH. CO.	\$508,080	1,512	\$336.03	\$52,691	0.011%
361372	A 3	CLEMENTS TELEPHONE COMPANY	\$66,500	165	\$403.03	\$11,857	0.003%
361373	A 3	CONSOLIDATED TELEPHONE COMPANY- MN	\$1,466,946	6,269	\$234.00	\$0	0.000%
361374	C 3	ARROWHEAD COMMUNICATIONS CORP.	\$301,392	613	\$491.67	\$74,614	0.016%
361375	A 3	MID-COMMUNICATIONS INC.	\$1,732,536	7,404	\$234.00	\$0	0.000%
361377	A 3	DANUBE TELEPHONE COMPANY	\$117,603	438	\$268.50	\$844	0.000%
361379	A 3	DEER RIVER TELEPHONE CO.	\$385,632	1,648	\$234.00	\$0	0.000%
361380	A 3	DELAVAN TELEPHONE COMPANY	\$100,714	326	\$308.94	\$7,055	0.001%
361381	A 3	DUNNELL TELEPHONE COMPANY INC.	\$85,217	244	\$349.25	\$10,152	0.002%
361383	A 3	EAGLE VALLEY TELEPHONE COMPANY	\$147,186	629	\$234.00	\$0	0.000%
361384	A 3	EASTON TELEPHONE COMPANY	\$82,965	234	\$354.55	\$10,434	0.002%
361385	C 3	EAST OTTER TAIL TELEPHONE CO.	\$3,847,222	13,245	\$290.47	\$167,390	0.035%
361386	A 3	ECKLES TELEPHONE COMPANY	\$661,986	2,829	\$234.00	\$0	0.000%
361387	A 3	EMILY COOPERATIVE TELEPHONE CO.	\$235,170	1,005	\$234.00	\$0	0.000%
361389	A 3	FARMERS MUTUAL TEL CO - BELLINGHAM	\$374,426	1,145	\$327.01	\$34,867	0.007%
361390	A 3	FEDERATED TELEPHONE COOPERATIVE	\$644,729	1,949	\$330.80	\$62,950	0.013%
361391	A 3	FELTON TELEPHONE COMPANY INC.	\$241,944	670	\$361.11	\$32,347	0.007%
361395	C 3	GARDEN VALLEY TELEPHONE COMPANY	\$3,544,445	12,961	\$273.47	\$56,386	0.012%
361396	A 3	GARDONVILLE COOPERATIVE TEL. ASSN.	\$534,222	2,283	\$234.00	\$0	0.000%
361399	A 3	GRANADA TEL. CO.	\$88,278	259	\$340.84	\$9,633	0.002%
361401	A 3	HALSTAD TELEPHONE COMPANY	\$602,423	1,424	\$423.05	\$118,363	0.025%
361403	A 3	HANCOCK TELEPHONE COMPANY- MN	\$152,568	652	\$234.00	\$0	0.000%
361404	A 3	HARMONY TELEPHONE COMPANY	\$233,528	863	\$270.60	\$2,547	0.001%
361405	A 3	HILLS TELEPHONE CO. INC. - MN	\$231,522	537	\$431.14	\$47,079	0.010%
361407	A 3	HOHMAN TELEPHONE COMPANY	\$1,448,928	6,192	\$234.00	\$0	0.000%
361408	A 3	HOME TEL. CO.- MN	\$388,204	1,619	\$239.78	\$0	0.000%
361409	A 3	HUTCHINSON TELEPHONE COMPANY	\$1,758,510	7,515	\$234.00	\$0	0.000%
361410	C 3	JOHNSON TELEPHONE COMPANY	\$851,470	1,398	\$609.06	\$262,475	0.056%
361412	A 3	KASSON & MANTORVILLE TEL. CO.	\$588,744	2,516	\$234.00	\$0	0.000%
361413	A 3	K M P TELEPHONE COMPANY	\$370,457	1,457	\$254.26	\$0	0.000%
361414	C 3	LAKEDALE TELEPHONE COMPANY	\$1,688,889	9,562	\$176.63	\$0	0.000%
361419	A 3	LISMORE COOPERATIVE TELEPHONE CO.	\$102,517	336	\$305.11	\$6,644	0.001%
361422	A 3	LONSDALE TELEPHONE COMPANY	\$270,036	1,154	\$234.00	\$0	0.000%

TABLE 3.5

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MINNESOTA (CONT.)							
361423	A 3	LOWRY TELEPHONE COMPANY	\$162,630	695	\$234.00	\$0	0.000%
361424	A 3	MABEL COOPERATIVE TELEPHONE CO.- MN	\$217,681	752	\$289.47	\$9,137	0.002%
361425	A 3	MADLIA TELEPHONE COMPANY	\$347,490	1,485	\$234.00	\$0	0.000%
361426	A 3	MANCHESTER-HARTLAND TELEPHONE CO.	\$183,535	553	\$331.89	\$18,155	0.004%
361427	A 3	MANKATO CITIZENS TELEPHONE CO.	\$6,541,470	27,955	\$234.00	\$0	0.000%
361430	A 3	MELROSE TELEPHONE COMPANY	\$1,845,558	7,887	\$234.00	\$0	0.000%
361431	A 3	MIDWEST TEL. CO.	\$533,286	2,279	\$234.00	\$0	0.000%
361433	C 2	MID STATE TELEPHONE COMPANY	\$1,195,621	5,576	\$214.42	\$0	0.000%
361437	A 3	MINNESOTA LAKE TELEPHONE COMPANY	\$126,411	511	\$247.38	\$0	0.000%
361439	A 3	MINNESOTA VALLEY TEL. CO. INC.	\$298,718	957	\$312.14	\$22,204	0.005%
361440	A 3	CANNON VALLEY TELECOM, INC.	\$481,867	1,842	\$261.60	\$0	0.000%
361442	C 3	NEW ULM TELECOM, INC.	\$1,433,305	8,333	\$172.00	\$0	0.000%
361443	A 3	NORMAN COUNTY TELEPHONE CO. INC.	\$910,026	3,889	\$234.00	\$0	0.000%
361445	A 3	NORTHLAND TELEPHONE COMPANY	\$139,932	598	\$234.00	\$0	0.000%
361448	A 3	OSAKIS TELEPHONE COMPANY	\$364,338	1,557	\$234.00	\$0	0.000%
361450	A 3	PARK REGION MUTUAL TEL. CO.	\$811,278	3,467	\$234.00	\$0	0.000%
361451	C 3	PAUL BUNYAN RURAL TEL. COOP.	\$1,927,622	5,219	\$369.35	\$276,157	0.059%
361453	A 3	PEOPLES TELEPHONE COMPANY - MN	\$364,866	1,410	\$258.77	\$0	0.000%
361454	A 3	PINE ISLAND TELEPHONE COMPANY	\$548,964	2,346	\$234.00	\$0	0.000%
361456	C 2	UNITED TELEPHONE CO OF MINN	\$29,917,144	100,558	\$297.51	\$1,615,962	0.342%
361472	A 3	REDWOOD COUNTY TEL. CO.	\$1,089,601	4,189	\$260.11	\$0	0.000%
361473	A 3	ROCK DELL TEL. CO.	\$139,698	597	\$234.00	\$0	0.000%
361474	A 3	ROTHSAY TELEPHONE COMPANY INC.	\$122,837	480	\$255.91	\$0	0.000%
361475	A 3	RUNESTONE TEL. ASSN.	\$993,553	3,477	\$285.75	\$35,942	0.008%
361476	A 3	SACRED HEART TEL. CO.	\$128,382	530	\$242.23	\$0	0.000%
361479	A 3	SCOTT RICE TEL. CO.	\$1,982,214	8,471	\$234.00	\$0	0.000%
361482	A 3	SHERBURNE COUNTY RURAL TEL. CO.	\$1,447,992	6,188	\$234.00	\$0	0.000%
361483	C 3	SLEEPY EYE TEL. CO.	\$1,325,067	5,248	\$252.49	\$0	0.000%
361485	A 3	SPRING GROVE COOP TEL CO	\$267,462	1,143	\$234.00	\$0	0.000%
361487	A 3	STARBUCK TEL. CO.	\$261,846	1,119	\$234.00	\$0	0.000%
361491	C 3	TWIN VALLEY-ULEN TEL CO INC.	\$771,976	2,789	\$276.79	\$16,647	0.004%
361494	A 3	UPSALA COOPERATIVE TELEPHONE ASSN.	\$199,836	854	\$234.00	\$0	0.000%
361495	A 3	VALLEY TEL. CO.-MN	\$200,557	646	\$310.46	\$14,459	0.003%
361499	A 3	CROSSLAKE TELEPHONE COMPANY	\$316,134	1,351	\$234.00	\$0	0.000%
361500	A 3	NORTHERN TELEPHONE COMPANY OF MN	\$19,167	30	\$638.90	\$6,136	0.001%
361501	A 3	WEST CENTRAL TELEPHONE ASSN.	\$735,930	3,145	\$234.00	\$0	0.000%
361502	A 3	WESTERN TELEPHONE COMPANY	\$507,780	2,170	\$234.00	\$0	0.000%
361505	A 3	WIKSTROM TELEPHONE COMPANY INC.	\$1,474,087	5,292	\$278.55	\$36,128	0.008%
361507	A 3	WINSTED TELEPHONE COMPANY	\$296,010	1,265	\$234.00	\$0	0.000%
361508	A 3	WINTHROP TEL. CO.	\$240,084	1,026	\$234.00	\$0	0.000%
361510	A 3	WOODSTOCK TELEPHONE COMPANY	\$425,792	1,220	\$349.01	\$50,596	0.011%
361512	A 3	WOLVERTON TELEPHONE COMPANY	\$68,313	172	\$397.17	\$11,793	0.002%
361515	A 3	ZUMBROTA TELEPHONE COMPANY	\$390,780	1,670	\$234.00	\$0	0.000%
361654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.,	\$366,624	1,425	\$257.28	\$0	0.000%
365142	C 1	NORTHWESTERN BELL-MINNESOTA	\$350,967,382	1,721,195	\$203.91	\$0	0.000%
STATE TOTAL:			\$345,595,453	1,000,947	\$345.27	\$9,696,066	2.055%
280446	C 3	BAY SPRINGS TELEPHONE COMPANY INC.	\$4,325,117	8,648	\$500.13	\$1,093,777	0.232%
280447	A 3	BRUCE TELEPHONE COMPANY - MS	\$612,612	2,618	\$234.00	\$0	0.000%
280448	A 2	CALHOUN CITY TEL. COMPANY INC.	\$745,290	3,185	\$234.00	\$0	0.000%
280449	A 3	MYRTLE TELEPHONE COMPANY INC.	\$138,294	591	\$234.00	\$0	0.000%
280451	A 3	DECATUR TELEPHONE CO INC- MS	\$349,362	1,493	\$234.00	\$0	0.000%
280452	C 3	DELTA TELEPHONE COMPANY INC.	\$1,041,704	3,546	\$293.77	\$50,519	0.011%
280453	C 2	ALLTEL MISSISSIPPI INC.	\$3,174,897	7,938	\$399.96	\$556,706	0.118%
280454	C 3	FRANKLIN TELEPHONE COMPANY INC - MS	\$2,469,489	6,148	\$401.67	\$437,084	0.093%
280455	A 3	FULTON TELEPHONE COMPANY INC.	\$1,531,296	6,544	\$234.00	\$0	0.000%
280456	C 3	GEORGETOWN TELE. CO., INC.	\$120,642	246	\$490.41	\$29,768	0.006%
280457	A 3	LAKESIDE TELEPHONE COMPANY, INC.	\$104,808	350	\$299.45	\$5,955	0.001%
280458	C 2	HOME TELEPHONE COMPANY- OLIVE BRANCH	\$4,477,810	8,152	\$549.29	\$1,256,467	0.266%



TABLE 3.5

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MISSISSIPPI (CONT.)							
280459	C 1	HUGHES TELEPHONE COMPANY	\$1,841,295	5,228	\$352.20	\$226,199	0.048%
280460	A 3	MID-SOUTH TEL. COMPANY INC.	\$1,052,064	4,496	\$234.00	\$0	0.000%
280461	C 3	SOUTHEAST MISSISSIPPI TELEPHONE CO.	\$1,908,341	3,568	\$534.85	\$520,955	0.110%
280462	A 3	MOUND BAYOU TEL. & COMMUNICATIONS, IN	\$191,178	817	\$234.00	\$0	0.000%
280466	A 3	SLEDGE TEL. CO., INC.	\$114,587	416	\$275.45	\$2,211	0.000%
280467	A 3	SMITHVILLE TEL. CO.	\$204,282	873	\$234.00	\$0	0.000%
285184	C 1	SOUTH CENTRAL BELL-MISSISSIPPI	\$321,192,385	936,090	\$343.12	\$5,516,425	1.169%
STATE TOTAL:		MISSOURI	\$584,503,412	2,523,108	\$231.66	\$29,735,148	6.302%
421186	C 2	GTE NORTH INC. - MISSOURI	\$26,630,669	89,892	\$296.25	\$1,389,344	0.294%
421206	A 3	IAMO TELEPHONE COMPANY - MO	\$364,045	1,091	\$333.68	\$36,770	0.008%
421759	A 3	CRAW-KAN TELEPHONE COOP INC - MO	\$609,029	1,982	\$307.28	\$41,291	0.009%
421789	C 2	CONTEL OF E. MISSOURI	\$1,907,379	6,227	\$306.31	\$126,781	0.027%
421807	C 3	MOKAN DIAL, INC. - MO	\$189,436	607	\$312.09	\$14,069	0.003%
421846	C 2	CONTINENTAL SYSTEMS OF MISSOURI	\$16,663,385	37,992	\$438.60	\$3,490,204	0.740%
421859	A 3	BOURBEUSE TELEPHONE COMPANY	\$382,356	1,634	\$234.00	\$0	0.000%
421860	A 3	ALMA TELEPHONE COMPANY	\$102,864	338	\$304.33	\$6,555	0.001%
421864	A 3	CHARITON VALLEY TELEPHONE CO.	\$1,992,575	6,991	\$285.02	\$69,778	0.015%
421865	C 3	CITIZENS TELEPHONE CO - MISSOURI	\$1,109,883	3,230	\$343.62	\$124,512	0.026%
421873	C 3	EASTERN MISSOURI TELEPHONE CO.	\$1,179,050	2,537	\$464.74	\$270,370	0.057%
421874	A 3	ELLINGTON TELEPHONE COMPANY	\$443,112	1,304	\$339.81	\$47,845	0.010%
421876	A 3	FARBER TELEPHONE COMPANY	\$77,895	211	\$369.17	\$11,143	0.002%
421882	C 3	FIDELITY TELEPHONE COMPANY	\$3,063,328	10,210	\$300.03	\$176,617	0.037%
421885	C 2	ALLTEL MISSOURI INC.	\$9,295,853	20,795	\$447.02	\$2,008,861	0.426%
421886	C 3	GOODMAN TEL. CO.	\$460,089	1,450	\$317.30	\$37,290	0.008%
421887	A 3	GRANBY TEL CO - MISSOURI	\$492,102	2,103	\$234.00	\$0	0.000%
421888	C 3	GRAND RIVER MUTUAL TEL CORP - MO	\$3,889,538	12,566	\$309.53	\$275,569	0.058%
421890	A 3	GREEN HILLS TELEPHONE CORP.	\$954,474	2,769	\$344.70	\$108,199	0.023%
421893	A 3	CHOCTAW TELEPHONE COMPANY	\$116,330	428	\$271.80	\$1,514	0.000%
421900	A 3	KLM TEL. CO.	\$387,020	1,213	\$319.06	\$32,236	0.007%
421901	C 3	KINGDOM TELEPHONE COMPANY	\$957,839	2,612	\$366.71	\$134,332	0.028%
421904	C 3	MISSOURI TELEPHONE COMPANY	\$4,302,869	15,733	\$273.49	\$68,599	0.015%
421908	C 3	LE-RU TELEPHONE COMPANY	\$720,590	989	\$728.60	\$252,187	0.053%
421912	A 3	MCDONALD COUNTY TELEPHONE CO.	\$479,466	2,049	\$234.00	\$0	0.000%
421914	A 3	MARK TWAIN RURAL TELEPHONE CO.	\$1,256,337	3,729	\$336.91	\$131,550	0.028%
421917	A 3	MID-MISSOURI TELEPHONE CO.	\$1,049,874	3,063	\$342.76	\$116,790	0.025%
421920	A 3	MILLER TELEPHONE COMPANY - MO	\$200,304	856	\$234.00	\$0	0.000%
421922	C 2	CONTEL OF MISSOURI, INC.	\$72,769,875	146,262	\$497.53	\$18,284,937	3.875%
421927	A 3	NEW FLORENCE TELEPHONE CO.	\$107,588	368	\$292.36	\$4,990	0.001%
421928	C 2	NEW LONDON TEL. CO.	\$284,173	809	\$351.26	\$34,575	0.007%
421929	C 3	HOLWAY TELEPHONE COMPANY	\$315,910	561	\$563.12	\$90,831	0.019%
421931	C 3	NORTHEAST MISSOURI RURAL TEL. CO.	\$1,789,861	3,408	\$525.19	\$479,075	0.102%
421932	A 3	LATHROP TELEPHONE COMPANY	\$257,400	1,100	\$234.00	\$0	0.000%
421934	C 2	ORCHARD FARM TELEPHONE COMPANY	\$289,258	711	\$406.83	\$52,611	0.011%
421935	A 3	OREGON FARMERS MUTUAL TEL. CO.	\$236,574	1,011	\$234.00	\$0	0.000%
421936	A 3	PEACE VALLEY TELEPHONE CO.	\$95,667	297	\$322.11	\$8,335	0.002%
421942	A 3	ROCK PORT TEL. CO.	\$360,594	1,541	\$234.00	\$0	0.000%
421945	A 3	SENECA TEL. CO.	\$550,134	2,351	\$234.00	\$0	0.000%
421949	A 3	STEELVILLE TEL. EXCH. INC.	\$791,856	3,384	\$234.00	\$0	0.000%
421951	C 2	STOUTLAND TELEPHONE COMPANY	\$488,163	914	\$534.10	\$133,065	0.028%
421957	C 2	UNITED TELEPHONE CO. OF MISSOURI	\$48,732,238	171,413	\$284.30	\$1,650,720	0.350%
421964	A 3	WHEELING TELEPHONE COMPANY	\$134,181	335	\$400.54	\$23,603	0.005%
425213	C 1	SOUTHWESTERN BELL-MISSOURI	\$378,022,249	1,954,042	\$193.46	\$0	0.000%
STATE TOTAL:		MONTANA	\$116,215,799	377,216	\$308.09	\$6,205,334	1.315%
482235	C 3	BLACKFOOT TEL. COOPERATIVE INC.	\$2,621,620	4,802	\$545.94	\$731,083	0.155%
482241	C 3	HOT SPRINGS TEL. CO.	\$85,051	400	\$212.63	\$0	0.000%
482242	C 3	INTERBEL TEL. COOPERATIVE INC.	\$768,755	938	\$819.57	\$287,180	0.061%

TABLE 3.5

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MONTANA (CONT.)								
482244	C 3	LINCOLN TEL. CO. INC.	\$220,862	722	\$305.90	\$14,556	0.003%	
482246	C 3	MID-RIVERS TEL. COOPERATIVE INC.	\$3,791,049	5,753	\$658.97	\$1,241,641	0.263%	
482247	C 3	NEMONT TELEPHONE COOP.- MONTANA	\$1,268,138	2,271	\$558.41	\$361,679	0.077%	
482248	C 3	NORTHERN TEL. COOP INC.- MT	\$588,853	1,254	\$469.58	\$137,054	0.029%	
482249	C 2	NORTHWESTERN TELEPHONE SYSTEMS, INC.	\$9,573,539	29,760	\$321.69	\$829,045	0.176%	
482250	C 3	PROJECT TEL. CO.	\$1,165,805	2,588	\$450.47	\$255,031	0.054%	
482251	C 3	RANGE TEL. COOP INC.-MT	\$1,790,260	2,712	\$660.13	\$587,087	0.124%	
482252	A 3	RONAN TEL. CO.	\$517,374	2,211	\$234.00	\$0	0.000%	
482254	C 3	SOUTHERN MONTANA TEL. CO.	\$508,548	658	\$772.87	\$184,170	0.039%	
482255	C 3	3-RIVERS TEL. COOPERATIVE INC.	\$2,477,018	7,898	\$313.63	\$188,987	0.040%	
482257	C 3	TRIANGLE TEL. COOPERATIVE ASSN. INC.	\$3,084,264	8,161	\$377.93	\$471,216	0.100%	
482258	C 3	VALLEY RURAL TEL. COOP. ASSN.-MT	\$627,351	754	\$832.03	\$236,131	0.050%	
482416	C 2	GTE NORTHWEST INC. - MONTANA	\$2,285,672	6,595	\$346.58	\$264,496	0.056%	
485104	C 1	MOUNTAIN BELL-MONTANA	\$84,841,640	299,739	\$283.05	\$415,978	0.088%	
STATE TOTAL:			NEBRASKA	\$170,020,422	833,922	\$203.88	\$3,488,245	0.739%
371186	C 2	GTE NORTH INC. - NEBRASKA	\$9,828,210	43,658	\$225.12	\$0	0.000%	
371516	C 3	ARAPAHOE TELEPHONE COMPANY	\$460,726	1,019	\$452.14	\$101,373	0.021%	
371517	C 3	ARLINGTON TELEPHONE COMPANY	\$460,632	926	\$497.44	\$115,717	0.025%	
371524	C 3	BLAIR TELEPHONE COMPANY	\$1,509,391	5,320	\$283.72	\$49,728	0.011%	
371525	C 3	THREE RIVER TELCO	\$555,263	1,221	\$454.76	\$123,268	0.026%	
371526	C 3	CAMBRIDGE TELEPHONE COMPANY - NE	\$533,246	1,150	\$463.69	\$121,877	0.026%	
371530	A 3	CONSOLIDATED TELCO, INC.	\$475,427	1,471	\$323.20	\$42,062	0.009%	
371531	C 3	CLARKS TELEPHONE COMPANY	\$368,730	956	\$385.70	\$59,378	0.013%	
371532	A 3	CONSOLIDATED TELEPHONE COMPANY- NE	\$1,086,982	2,827	\$384.50	\$173,678	0.037%	
371534	C 3	COZAD TELEPHONE COMPANY	\$603,012	2,638	\$228.59	\$0	0.000%	
371536	C 3	CURTIS TELEPHONE COMPANY	\$338,141	725	\$466.40	\$77,941	0.017%	
371537	C 3	DALTON TEL. CO., INC.	\$541,017	1,250	\$432.81	\$110,762	0.023%	
371540	C 3	DILLER TELEPHONE COMPANY	\$285,867	873	\$327.45	\$26,771	0.006%	
371542	C 3	EASTERN NEBRASKA TELEPHONE COMPANY	\$886,145	2,376	\$372.96	\$130,548	0.028%	
371544	A 3	ELSIE MUTUAL TELEPHONE COMPANY	\$74,482	197	\$378.08	\$11,391	0.002%	
371545	A 3	EUSTIS TELEPHONE EXCHANGE INC.	\$117,727	439	\$268.17	\$776	0.000%	
371553	A 3	GLENWOOD TELEPHONE MEMBERSHIP CORP.	\$603,018	2,577	\$234.00	\$0	0.000%	
371555	A 3	HAMILTON TELEPHONE COMPANY	\$1,167,183	4,883	\$239.03	\$0	0.000%	
371556	A 3	HARTINGTON TEL. CO.	\$333,216	1,424	\$234.00	\$0	0.000%	
371557	C 3	HARTMAN TELEPHONE EXCHANGES INC.	\$319,175	442	\$722.12	\$111,095	0.024%	
371558	C 3	HEMINGFORD COOP. TELEPHONE COMPANY	\$255,973	845	\$302.93	\$15,812	0.003%	
371559	C 3	HENDERSON CO-OP TELEPHONE COMPANY	\$211,068	902	\$234.00	\$0	0.000%	
371561	C 3	HERSHEY COOPERATIVE TELEPHONE CO	\$161,226	689	\$234.00	\$0	0.000%	
371562	A 3	HOME TEL. CO. OF NE	\$207,316	686	\$302.21	\$12,596	0.003%	
371563	A 3	HOOPER TELEPHONE COMPANY	\$271,674	1,161	\$234.00	\$0	0.000%	
371565	A 3	K & M TELEPHONE COMPANY INC.	\$197,675	630	\$313.77	\$15,118	0.003%	
371567	C 3	KEYSTONE-ARTHUR TELEPHONE COMPANY	\$302,400	574	\$526.83	\$81,219	0.017%	
371568	C 2	LINCOLN TEL. & TELE. CO.	\$42,918,988	241,564	\$177.67	\$0	0.000%	
371574	C 3	NEBRASKA CENTRAL TELEPHONE COMPANY	\$1,759,763	5,924	\$297.06	\$93,899	0.020%	
371576	A 3	NORTHEAST NEBRASKA TELEPHONE COMPANY	\$1,186,516	3,781	\$313.81	\$90,805	0.019%	
371577	C 3	GREAT PLAINS COMMUNICATIONS, INC.	\$7,785,947	24,965	\$311.87	\$575,954	0.122%	
371580	C 3	PETERSBURG TELEPHONE COMPANY	\$273,762	422	\$648.73	\$88,647	0.019%	
371581	A 3	PIERCE TELEPHONE COMPANY	\$389,610	1,665	\$234.00	\$0	0.000%	
371582	A 3	PLAINVIEW TELEPHONE COMPANY INC.	\$269,334	1,151	\$234.00	\$0	0.000%	
371586	C 3	ROCK COUNTY TEL. CO.	\$718,986	1,002	\$717.55	\$249,274	0.053%	
371590	A 3	SODTOWN TEL. CO.	\$40,580	81	\$500.99	\$10,284	0.002%	
371591	C 3	SOUTHEAST NEBRASKA TEL. CO.	\$1,922,702	3,713	\$517.83	\$506,578	0.107%	
371592	C 3	STANTON TEL. CO., INC.	\$529,586	1,038	\$510.20	\$137,163	0.029%	
371595	C 2	UNITED TELEPHONE CO. OF THE WEST-NE	\$5,873,664	23,399	\$251.02	\$0	0.000%	
371597	C 3	WAUNETA TEL. CO.	\$478,750	621	\$770.93	\$173,136	0.037%	
372455	C 3	BENKELMAN TELEPHONE COMPANY INC.	\$645,385	1,173	\$550.20	\$181,395	0.038%	
375143	C 1	NORTHWESTERN BELL-NEBRASKA	\$83,071,927	441,564	\$188.13	\$0	0.000%	

TABLE 3.5

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STATE TOTAL:		NEVADA	\$135,748,896	677,822	\$200.27	\$2,275,766	0.482%
552220	A 3	FILER MUTUAL TELEPHONE COMPANY - NV	\$109,779	382	\$287.38	\$4,252	0.001%
552223	C 2	GEM STATE UTILITIES CORP-NV	\$268,493	332	\$808.71	\$99,620	0.021%
552233	C 3	RURAL TELEPHONE COMPANY - NV	\$332,904	338	\$984.92	\$134,920	0.029%
552284	C 3	BEEHIVE TELEPHONE COMPANY, INC., NV	\$6,468	31	\$208.65	\$0	0.000%
552302	C 2	CONTEL OF CALIFORNIA - NEVADA	\$5,727,592	18,664	\$306.88	\$385,184	0.082%
552304	C 2	C P NATIONAL CORP. - NEVADA	\$5,171,549	12,708	\$406.95	\$941,201	0.199%
552348	C 2	CENTRAL TELEPHONE COMPANY - NEVADA	\$58,586,697	415,234	\$141.09	\$0	0.000%
552349	C 3	CHURCHILL CO. TEL. & TEL. SYSTEM	\$2,940,342	8,471	\$347.11	\$342,260	0.073%
552351	C 3	LINCOLN COUNTY TELEPHONE SYSTEM INC.	\$424,850	1,652	\$257.17	\$0	0.000%
552353	C 3	MOAPA VALLEY TELEPHONE COMPANY	\$478,749	2,187	\$218.91	\$0	0.000%
552354	C 2	NEVADA TELEPHONE-TELEGRAPH COMPANY	\$689,235	2,556	\$269.65	\$6,360	0.001%
552356	C 3	RIO VIRGIN TELEPHONE COMPANY	\$449,405	1,199	\$374.82	\$67,133	0.014%
552373	C 1	NEVADA BELL	\$60,562,833	214,068	\$282.91	\$294,836	0.062%
STATE TOTAL:		NEW HAMPSHIRE	\$187,786,744	617,554	\$304.08	\$2,556,834	0.542%
120038	C 3	BRETTON WOODS TEL. CO.	\$79,013	355	\$222.57	\$0	0.000%
120039	C 3	GRANITE STATE TEL., INC.	\$2,474,249	6,930	\$357.03	\$318,667	0.068%
120040	C 2	CHICHESTER TEL. CO.	\$393,659	1,150	\$342.31	\$43,596	0.009%
120041	C 2	CONTEL OF NEW HAMPSHIRE, INC.	\$3,170,084	9,554	\$331.81	\$313,287	0.066%
120042	A 3	DIXVILLE TEL. CO.	\$49,112	106	\$463.32	\$11,212	0.002%
120043	A 3	DUNBARTON TEL. CO.	\$229,086	979	\$234.00	\$0	0.000%
120045	C 2	KEARSARGE TEL. CO.	\$1,301,480	5,408	\$240.66	\$0	0.000%
120046	C 2	MERIDEN TEL. CO.	\$99,826	481	\$207.54	\$0	0.000%
120047	C 3	MERRIMACK COUNTY TEL. CO.	\$1,459,294	5,354	\$272.56	\$20,917	0.004%
120049	C 3	UNION TEL. CO.	\$1,137,636	5,479	\$207.64	\$0	0.000%
120050	C 3	WILTON TEL. CO. - NH	\$811,107	2,283	\$355.28	\$102,733	0.022%
125113	C 1	NEW ENGLAND TEL.-NH	\$176,582,198	579,475	\$304.73	\$1,746,422	0.370%
STATE TOTAL:		NEW JERSEY	\$817,225,975	4,866,567	\$167.93	\$927,625	0.197%
160135	C 3	WARWICK VALLEY TEL. CO.-NJ	\$892,300	7,035	\$126.84	\$0	0.000%
160138	C 2	UNITED TEL. CO. OF NJ, INC.	\$39,569,568	142,384	\$277.91	\$927,625	0.197%
165120	C 1	NEW JERSEY BELL	\$776,764,107	4,717,148	\$164.67	\$0	0.000%
STATE TOTAL:		NEW MEXICO	\$192,848,794	663,471	\$290.67	\$14,113,001	2.991%
492066	C 3	DELL TELEPHONE CO-OP. INC.-NM	\$582,198	285	\$2,042.80	\$283,355	0.060%
492080	C 2	GTE SOUTHWEST INC. - NEW MEXICO	\$10,077,656	37,281	\$270.32	\$104,939	0.022%
492176	C 3	VALLEY TELEPHONE COOPERATIVE INC-NM	\$951,233	1,253	\$759.16	\$341,044	0.072%
492177	C 2	CONTEL OF THE WEST - NEW MEXICO	\$14,276,844	27,535	\$518.50	\$3,767,079	0.798%
492259	C 3	BACA VALLEY TEL. CO.	\$630,880	587	\$1,074.75	\$263,975	0.056%
492262	C 3	E.N.M.R. TEL COOP. INC.-NM	\$9,134,337	9,214	\$991.35	\$3,711,295	0.787%
492263	C 3	LA JICARITA RURAL TEL. COOP. INC.	\$677,370	1,357	\$499.17	\$170,897	0.036%
492264	C 3	LEACO RURAL TEL. COOPERATIVE INC.	\$792,807	760	\$1,043.17	\$328,272	0.070%
492268	C 3	WESTERN NEW MEXICO TEL. CO., INC.	\$5,385,438	4,159	\$1,294.89	\$2,385,311	0.506%
492270	C 3	PENASCO VALLEY TEL. COOPERATIVE INC.	\$2,532,258	1,967	\$1,287.37	\$1,119,813	0.237%
492272	C 3	ROOSEVELT COUNTY RURAL TEL. COOP., INC	\$1,175,426	1,463	\$803.44	\$434,642	0.092%
492274	C 2	UNIVERSAL TEL CO OF SOUTHWEST- NM	\$1,096,145	3,585	\$305.76	\$72,029	0.015%
492275	C 2	NAVAJO COMMUNICATIONS CO INC.-NM	\$2,878,021	3,155	\$912.21	\$1,130,350	0.240%
495105	C 1	MOUNTAIN BELL-NEW MEXICO	\$142,658,181	570,870	\$249.90	\$0	0.000%
STATE TOTAL:		NEW YORK	\$2,262,053,221	10,236,298	\$220.98	\$8,647,873	1.833%
150071	A 3	ARMSTRONG TELEPHONE COMPANY - NY	\$687,024	2,936	\$234.00	\$0	0.000%
150072	C 2	AU SABLE VALLEY TEL. CO. INC.	\$1,760,330	5,511	\$319.42	\$147,425	0.031%
150073	A 3	BERKSHIRE TEL. CORP.	\$1,155,258	4,937	\$234.00	\$0	0.000%
150076	A 3	CASSADAGA TEL. CORP.	\$293,202	1,253	\$234.00	\$0	0.000%
150077	C 3	CHAMPLAIN TEL. CO.	\$1,090,763	4,236	\$257.50	\$0	0.000%
150078	C 3	CHAUTAUGUA & ERIE TEL. CORP.	\$1,925,132	9,159	\$210.19	\$0	0.000%

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NEW YORK (CONT.)							
150079	A 3	CHAZY & WESTPORT TEL. CORP.	\$706,914	3,021	\$234.00	\$0	0.000%
150081	C 3	CITIZENS TEL. CO. OF HAMMOND, NY	\$837,897	868	\$965.32	\$336,911	0.071%
150082	C 2	CLYMER TEL. CO.	\$260,594	772	\$337.56	\$27,479	0.006%
150084	C 3	TACONIC TEL. CORP.	\$3,975,572	19,165	\$207.44	\$0	0.000%
150085	C 3	CROWN POINT TELEPHONE CORPORATION	\$490,740	692	\$709.16	\$168,887	0.036%
150088	A 3	DELHI TELEPHONE COMPANY	\$962,910	4,115	\$234.00	\$0	0.000%
150089	A 3	DEPOSIT TELEPHONE CO. INC.	\$1,607,980	6,870	\$234.00	\$0	0.000%
150091	C 3	DUNKIRK AND FREDONIA TEL. CO.	\$1,095,237	8,421	\$130.06	\$0	0.000%
150092	C 2	EDWARDS TELEPHONE CO. INC.	\$826,222	1,632	\$506.26	\$212,039	0.045%
150093	C 3	EMPIRE TELEPHONE CORP. - NEW YORK	\$2,059,641	6,175	\$333.55	\$207,724	0.044%
150095	A 3	THE FISHERS ISLAND TEL. CO.	\$216,216	924	\$234.00	\$0	0.000%
150096	C 2	CONTEL OF NEW YORK, INC.	\$62,195,818	195,832	\$317.60	\$5,064,965	1.073%
150097	C 3	GERMANTOWN TELEPHONE CO INC.	\$835,009	1,938	\$430.86	\$169,600	0.036%
150099	C 3	HANCOCK TELEPHONE COMPANY - NY	\$452,828	1,337	\$338.69	\$48,326	0.010%
150100	C 2	HIGHLAND TELEPHONE CO.	\$10,597,240	47,974	\$220.90	\$0	0.000%
150104	A 3	MARGARETVILLE TEL. CO. INC.	\$693,342	2,963	\$234.00	\$0	0.000%
150105	C 3	MIDDLEBURGH TELEPHONE CO.	\$1,716,702	5,061	\$339.20	\$184,189	0.039%
150106	C 2	ALLTEL NEW YORK INC. - FULTON	\$10,411,769	38,406	\$271.10	\$122,710	0.026%
150107	A 3	NEWPORT TELEPHONE CO. INC.	\$577,980	2,470	\$234.00	\$0	0.000%
150108	C 3	NICHOLVILLE TEL. CO. INC.	\$695,990	1,411	\$493.26	\$173,007	0.037%
150109	C 2	ALLTEL NEW YORK INC. - JAMESTOWN	\$7,623,089	40,313	\$189.10	\$0	0.000%
150110	C 3	OGDEN TELEPHONE COMPANY - NY	\$2,476,717	17,760	\$139.45	\$0	0.000%
150111	A 3	ONEIDA COUNTY RURAL TEL. CO.	\$741,078	3,167	\$234.00	\$0	0.000%
150112	A 3	ONTARIO TEL CO INC	\$902,304	3,856	\$234.00	\$0	0.000%
150113	C 2	ALLTEL NY INC. - RED JACKET	\$508,222	2,375	\$213.99	\$0	0.000%
150114	A 2	ORISKANY FALLS TELEPHONE CORP.	\$164,502	703	\$234.00	\$0	0.000%
150116	C 3	PATTERSONVILLE TEL CO- NEW YORK	\$345,584	1,157	\$298.69	\$19,259	0.004%
150118	A 3	PORT BYRON TELEPHONE COMPANY	\$623,844	2,666	\$234.00	\$0	0.000%
150119	C 2	RED HOOK TELEPHONE COMPANY	\$3,342,242	12,028	\$277.87	\$78,127	0.017%
150121	C 2	ROCHESTER TELEPHONE CORPORATION	\$85,709,643	449,906	\$190.51	\$0	0.000%
150122	C 2	SENECA-GORHAM TEL. CORP.	\$1,561,322	8,080	\$193.23	\$0	0.000%
150125	A 3	STATE TEL. CO.	\$1,643,616	7,024	\$234.00	\$0	0.000%
150128	C 2	SYLVAN LAKE TELEPHONE COMPANY	\$3,188,327	13,062	\$244.09	\$0	0.000%
150129	A 3	TOWNSHIP TELEPHONE COMPANY INC.	\$850,590	3,635	\$234.00	\$0	0.000%
150131	A 3	TRUMANSBURG HOME TELEPHONE COMPANY	\$1,235,520	5,280	\$234.00	\$0	0.000%
150133	C 3	VERNON TELEPHONE COMPANY INC.	\$491,752	2,232	\$220.32	\$0	0.000%
150135	C 3	WARWICK VALLEY TEL. CO.-NY	\$1,563,496	11,011	\$141.99	\$0	0.000%
150136	C 2	WESTERN COUNTIES TELEPHONE CO.	\$8,470,622	19,875	\$426.19	\$1,687,225	0.358%
155130	C 1	NEW YORK TELEPHONE	\$2,032,482,841	9,254,089	\$219.63	\$0	0.000%
STATE TOTAL: NORTH CAROLINA			\$912,690,483	3,267,672	\$279.31	\$14,834,645	3.144%
230468	C 3	ATLANTIC TELEPHONE MEMB. CORP.	\$4,464,343	19,766	\$225.86	\$0	0.000%
230469	C 2	BARNARDSVILLE TELEPHONE COMPANY	\$309,481	946	\$327.15	\$28,871	0.006%
230470	C 2	CAROLINA TELEPHONE & TEL. CO.	\$207,822,972	774,201	\$268.44	\$226,105	0.048%
230471	C 2	CENTRAL TEL. CO. - NORTH CAROLINA	\$38,735,242	195,159	\$198.48	\$0	0.000%
230473	C 3	CITIZENS TELEPHONE COMPANY - NC	\$5,050,021	13,676	\$369.26	\$722,955	0.153%
230474	C 3	THE CONCORD TELEPHONE COMPANY	\$11,511,746	74,716	\$154.07	\$0	0.000%
230476	C 2	ALLTEL CAROLINA INC. - NORTH	\$30,013,625	94,122	\$318.88	\$2,493,087	0.528%
230478	A 3	ELLERBE TELEPHONE COMPANY	\$391,950	1,675	\$234.00	\$0	0.000%
230479	C 2	GTE SOUTH INC. - NORTH CAROLINA	\$35,676,350	140,375	\$254.15	\$0	0.000%
230481	C 2	HEINS TELEPHONE COMPANY	\$5,508,809	23,492	\$234.50	\$0	0.000%
230483	A 3	LEXINGTON TELEPHONE COMPANY	\$5,706,090	24,385	\$234.00	\$0	0.000%
230485	A 3	MEBANE HOME TELEPHONE CO.	\$1,425,996	6,094	\$234.00	\$0	0.000%
230491	A 2	NORTH STATE TELEPHONE CO. - NC	\$20,452,536	87,404	\$234.00	\$0	0.000%
230494	A 3	PINEVILLE TELEPHONE CO.	\$342,576	1,464	\$234.00	\$0	0.000%
230495	A 3	RANDOLPH TEL. CO.	\$749,268	3,202	\$234.00	\$0	0.000%
230496	A 3	RANDOLPH TELEPHONE MEMB. CORP.	\$1,536,444	6,566	\$234.00	\$0	0.000%
230497	A 3	PIEDMONT TELEPHONE MEMB. CORP.	\$562,536	2,404	\$234.00	\$0	0.000%
230498	A 2	SALUDA MOUNTAIN TEL. CO.	\$238,212	1,018	\$234.00	\$0	0.000%

TABLE 3.5

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
NORTH CAROLINA (CONT.)							
230499	A 2	SANDHILL TELEPHONE COMPANY	\$927,576	3,964	\$234.00	\$0	0.000%
230500	A 2	SERVICE TELEPHONE COMPANY	\$234,702	1,003	\$234.00	\$0	0.000%
230501	A 3	SKYLINE TEL. MEMB. CORP.	\$5,478,642	23,413	\$234.00	\$0	0.000%
230502	C 3	STAR TEL. MEMB. CORP.	\$3,195,776	12,196	\$262.03	\$0	0.000%
230503	A 3	SURRY TEL. MEMB. CORP.	\$2,284,074	9,761	\$234.00	\$0	0.000%
230505	A 3	TRI-COUNTY TEL. MEMB. CORP.-NC	\$620,802	2,653	\$234.00	\$0	0.000%
230509	C 2	CONTEL OF NORTH CAROLINA, INC.	\$35,587,473	84,736	\$419.98	\$6,896,924	1.462%
230510	C 3	WILKES TELEPHONE MEMB. CORP.	\$2,689,000	7,460	\$360.46	\$357,432	0.076%
230511	A 3	YADKIN VALLEY TEL. MEMB. CORP.	\$4,541,706	19,409	\$234.00	\$0	0.000%
235193	C 1	SOUTHERN BELL-NORTH CAROLINA	\$486,632,535	1,632,412	\$298.11	\$4,109,271	0.871%
STATE TOTAL: NORTH DAKOTA			\$93,289,649	344,311	\$270.95	\$2,594,160	0.550%
381447	C 2	CONTEL OF NORTH DAKOTA, INC.	\$3,037,357	9,745	\$311.68	\$223,919	0.047%
381509	A 3	WOLVERTON TEL. CO.	\$117,637	275	\$427.77	\$23,588	0.005%
381601	A 3	ABSAKA COOP TELEPHONE CO.	\$20,636	33	\$625.33	\$6,498	0.001%
381604	A 3	BEK TELEPHONE MUTUAL AID CORP.	\$1,154,193	3,601	\$320.52	\$98,262	0.021%
381607	C 3	CONSOLIDATED TELEPHONE COOPERATIVE	\$2,591,856	4,000	\$647.96	\$838,527	0.178%
381610	A 3	DAKOTA CENTRAL RURAL TEL COOP ASSN	\$733,278	2,209	\$331.95	\$72,587	0.015%
381611	A 3	DICKEY RURAL TEL COOP.	\$1,127,583	2,583	\$436.54	\$234,299	0.050%
381614	A 3	GILBY TELEPHONE COMPANY	\$90,832	272	\$333.94	\$9,202	0.002%
381615	A 3	GRIGGS COUNTY TELEPHONE COMPANY	\$377,664	1,521	\$248.30	\$0	0.000%
381616	C 3	INTER-COMMUNITY TELEPHONE COMPANY	\$540,524	1,222	\$442.33	\$114,825	0.024%
381617	C 3	MIDSTATE TELEPHONE COMPANY	\$433,998	1,412	\$307.36	\$29,471	0.006%
381622	A 3	MOORE & LIBERTY TELEPHONE COMPANY	\$176,904	756	\$234.00	\$0	0.000%
381623	A 3	NOONAN FARMERS TELEPHONE COMPANY	\$75,568	201	\$375.96	\$11,383	0.002%
381624	A 3	NORTHERN STATES POWER CO. TEL. DEPT.	\$5,136,300	21,950	\$234.00	\$0	0.000%
381625	A 3	NORTHWEST COMMUNICATIONS COOPERATIVE	\$1,158,921	3,424	\$338.47	\$123,394	0.026%
381630	C 3	POLAR COMMUNICATIONS MUTUAL AID CORP	\$1,960,577	8,379	\$233.99	\$0	0.000%
381631	A 3	RED RIVER RURAL TEL. ASSN.	\$604,699	1,749	\$345.74	\$69,318	0.015%
381632	C 3	RESERVATION TELEPHONE COOPERATIVE	\$1,893,807	4,097	\$462.24	\$430,858	0.091%
381634	C 3	SOURIS RIVER TEL. MUTUAL AID COOP.	\$3,575,574	11,436	\$312.66	\$268,238	0.057%
381636	A 3	UNITED TELEPHONE MUTUAL AID CORP.	\$1,012,752	4,328	\$234.00	\$0	0.000%
381637	C 3	WEST RIVER MUTUAL AID TELEPHONE CORP	\$1,872,109	8,716	\$214.79	\$0	0.000%
381638	A 3	YORK TELEPHONE COMPANY	\$24,380	41	\$594.63	\$7,365	0.002%
382247	A 3	NEMONT TELEPHONE COOPERATIVE - ND	\$134,725	280	\$481.16	\$32,426	0.007%
385144	C 1	NORTHWESTERN BELL-NORTH DAKOTA	\$65,437,775	252,081	\$259.59	\$0	0.000%
STATE TOTAL: OHIO			\$1,109,994,470	5,309,229	\$209.07	\$1,111,152	0.235%
300585	A 2	ARCADIA TEL. CO.	\$171,756	734	\$234.00	\$0	0.000%
300586	A 3	THE ARTHUR MUTUAL TELEPHONE COMPANY	\$269,568	1,152	\$234.00	\$0	0.000%
300588	A 3	AYERSVILLE TELEPHONE COMPANY	\$248,742	1,063	\$234.00	\$0	0.000%
300589	A 3	BASCOM MUTUAL TELEPHONE COMPANY	\$131,168	557	\$235.49	\$0	0.000%
300590	A 3	BENTON RIDGE TELEPHONE COMPANY	\$324,913	1,117	\$290.88	\$14,340	0.003%
300591	A 3	BUCKLAND MUTUAL TELEPHONE COMPANY	\$168,948	722	\$234.00	\$0	0.000%
300594	A 3	THE CHAMPAIGN TELEPHONE COMPANY	\$2,259,270	9,655	\$234.00	\$0	0.000%
300597	C 3	CHILLICOTHE TELEPHONE COMPANY	\$8,369,823	26,415	\$316.86	\$673,664	0.143%
300598	A 3	MCCLURE TELEPHONE COMPANY	\$161,694	691	\$234.00	\$0	0.000%
300604	A 3	COLUMBUS GROVE TELEPHONE COMPANY	\$371,826	1,589	\$234.00	\$0	0.000%
300606	A 3	CONNEAUT TELEPHONE COMPANY	\$1,567,332	6,698	\$234.00	\$0	0.000%
300607	C 2	CONTINENTAL TELEPHONE CO OF OHIO	\$579,426	2,016	\$287.41	\$22,471	0.005%
300609	A 3	DOYLESTOWN TELEPHONE COMPANY	\$776,646	3,319	\$234.00	\$0	0.000%
300611	A 2	ELYRIA TELEPHONE COMPANY	\$10,469,862	44,743	\$234.00	\$0	0.000%
300612	A 3	THE FARMERS MUTUAL TEL CO - OKOLONA	\$113,946	411	\$277.24	\$2,543	0.001%
300613	C 2	LITTLE MIAMI COMMUNICATIONS CORP.	\$667,038	1,914	\$348.50	\$78,829	0.017%
300614	A 3	FORT JENNINGS TELEPHONE COMPANY	\$138,762	593	\$234.00	\$0	0.000%
300615	C 2	GTE NORTH INC. - OHIO	\$161,037,122	637,149	\$252.75	\$0	0.000%
300618	A 3	GERMANTOWN INDEPENDENT TEL. CO.	\$850,824	3,636	\$234.00	\$0	0.000%
300619	A 3	THE GLANDORF TELEPHONE CO. INC.	\$173,160	740	\$234.00	\$0	0.000%

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OHIO (CONT.)							
300625	A 3	KALIDA TELEPHONE CO. INC.	\$233,532	998	\$234.00	\$0	0.000%
300630	C 2	CENTRAL TELEPHONE COMPANY OF OHIO	\$10,133,674	60,946	\$166.27	\$0	0.000%
300633	A 3	MIDDLE POINT HOME TELEPHONE COMPANY	\$134,082	573	\$234.00	\$0	0.000%
300634	A 3	MINFORD TELEPHONE COMPANY INC.	\$542,412	2,318	\$234.00	\$0	0.000%
300637	A 2	ALLTEL OHIO INC - NEWARK	\$9,732,528	41,592	\$234.00	\$0	0.000%
300639	A 3	THE NEW KNOXVILLE TELEPHONE COMPANY	\$236,574	1,011	\$234.00	\$0	0.000%
300644	A 3	THE NOVA TELEPHONE COMPANY	\$230,188	839	\$274.36	\$4,014	0.001%
300645	A 3	OAKWOOD MUTUAL TELEPHONE COMPANY	\$248,508	1,062	\$234.00	\$0	0.000%
300649	A 3	ORWELL TELEPHONE COMPANY	\$1,274,364	5,446	\$234.00	\$0	0.000%
300650	A 3	THE OTTOVILLE MUTUAL TEL. COMPANY	\$276,588	1,182	\$234.00	\$0	0.000%
300651	A 3	PATTERSONVILLE TELEPHONE CO- OH	\$102,161	334	\$305.87	\$6,729	0.001%
300654	A 3	RIDGEVILLE TELEPHONE COMPANY	\$141,336	604	\$234.00	\$0	0.000%
300656	A 3	SHERWOOD MUTUAL TEL. ASSOC.	\$238,680	1,020	\$234.00	\$0	0.000%
300658	A 3	SYCAMORE TELEPHONE COMPANY	\$377,532	1,519	\$248.54	\$0	0.000%
300659	A 3	TELEPHONE SERVICE COMPANY	\$1,866,618	7,977	\$234.00	\$0	0.000%
300661	C 2	UNITED TELEPHONE CO. OF OHIO	\$116,802,124	443,201	\$263.54	\$0	0.000%
300662	A 3	VANLUE TELEPHONE COMPANY	\$154,440	660	\$234.00	\$0	0.000%
300663	A 3	VAUGHNSVILLE TELEPHONE COMPANY INC.	\$95,982	299	\$321.01	\$8,230	0.002%
300664	A 3	WABASH MUTUAL TELEPHONE COMPANY	\$165,204	706	\$234.00	\$0	0.000%
300665	C 2	ALLTEL OHIO INC - WESTERN OHIO	\$5,218,753	17,413	\$299.70	\$298,417	0.063%
300666	A 2	WESTERN RESERVE TELEPHONE COMPANY	\$28,978,560	123,840	\$234.00	\$0	0.000%
300682	C 2	C, C & S TELCO, INC. - OHIO	\$127,737	468	\$272.94	\$1,915	0.000%
305062	C 2	CINCINNATI BELL-OHIO	\$115,554,319	633,042	\$182.54	\$0	0.000%
305150	C 1	OHIO BELL TEL CO	\$628,276,748	3,217,265	\$195.28	\$0	0.000%
STATE TOTAL: OKLAHOMA			\$428,334,031	1,503,154	\$284.96	\$18,684,892	3.960%
431704	A 3	LAVACA TELEPHONE CO. - OK	\$272,610	1,165	\$234.00	\$0	0.000%
431788	C 3	KANOKLA TELEPHONE ASSN. INC. - OK	\$559,011	1,207	\$463.14	\$127,544	0.027%
431831	C 3	SOUTH CENTRAL TEL. ASSN., INC. - OK	\$141,969	382	\$371.65	\$20,707	0.004%
431965	C 2	ALLTEL OKLAHOMA, INC.	\$6,394,159	10,868	\$588.35	\$1,913,868	0.406%
431966	C 3	ATLAS TELEPHONE CO.	\$617,777	1,465	\$421.69	\$120,650	0.026%
431968	A 3	BEGGS TELEPHONE COMPANY	\$303,030	1,295	\$234.00	\$0	0.000%
431969	A 3	BIXBY TELEPHONE CO.	\$1,375,920	5,880	\$234.00	\$0	0.000%
431974	C 3	CANADIAN VALLEY TELEPHONE CO.	\$453,202	867	\$522.72	\$120,673	0.026%
431976	C 3	CARNEGIE TELEPHONE CO. INC.	\$448,915	1,484	\$302.50	\$27,458	0.006%
431977	A 3	CENTRAL OKLAHOMA TELEPHONE CO.	\$667,971	2,072	\$322.38	\$58,418	0.012%
431979	C 3	CHEROKEE TELEPHONE CO.	\$1,068,272	4,268	\$250.30	\$0	0.000%
431980	C 3	CHICKASAW TELEPHONE CO.	\$1,918,523	6,800	\$282.14	\$58,324	0.012%
431981	C 3	CHOUTEAU TELEPHONE CO.	\$1,530,768	2,732	\$560.31	\$438,018	0.093%
431982	A 3	CIMARRON TEL. CO.	\$1,564,056	6,684	\$234.00	\$0	0.000%
431984	C 2	OKLAHOMA COMMUNICATION SYSTEMS INC.	\$6,076,676	12,763	\$476.12	\$1,441,859	0.306%
431985	C 3	CROSS TELEPHONE CO.	\$2,309,717	7,425	\$311.07	\$168,402	0.036%
431988	C 3	DOBSON TELEPHONE CO.	\$3,018,791	4,014	\$752.07	\$1,076,530	0.228%
431994	C 3	GRAND TELEPHONE CO. INC.	\$813,981	2,312	\$352.07	\$99,864	0.021%
431995	C 3	HINTON TELEPHONE CO.	\$1,174,819	3,157	\$372.13	\$171,985	0.036%
432006	C 3	M-CLOUD TELEPHONE CO.	\$2,090,700	5,803	\$360.28	\$277,452	0.059%
432008	A 3	MEDICINE PARK TELEPHONE CO.	\$132,210	565	\$234.00	\$0	0.000%
432010	A 2	MID-AMERICA TEL., INC.	\$424,869	1,436	\$295.87	\$21,928	0.005%
432011	C 2	OKLAHOMA ALLTEL, INC.	\$5,047,882	10,287	\$490.70	\$1,246,565	0.264%
432013	C 3	OKLAHOMA TELEPHONE & TELEGRAPH INC.	\$1,064,370	1,746	\$609.60	\$328,343	0.070%
432014	C 3	OKLAHOMA WESTERN TELEPHONE CO.	\$1,543,514	2,521	\$612.26	\$477,857	0.101%
432016	C 3	PANHANDLE TELEPHONE COOPERATIVE INC.	\$2,924,930	4,256	\$687.25	\$986,253	0.209%
432017	A 3	PINE TELEPHONE CO INC- OK	\$1,197,846	5,119	\$234.00	\$0	0.000%
432018	C 3	PIONEER TEL. COOP. INC.	\$12,248,559	34,892	\$351.04	\$1,486,899	0.315%
432020	C 3	POTTAWATOMIE TELEPHONE CO.	\$1,548,061	1,724	\$897.95	\$603,833	0.128%
432022	A 3	SALINA-SPAVINAW TEL. CO., INC.	\$1,346,202	5,753	\$234.00	\$0	0.000%
432023	A 3	SHIDLER TEL. CO.	\$347,217	882	\$393.67	\$58,736	0.012%
432025	A 3	SOUTHWEST OKLAHOMA TEL. CO.	\$344,536	872	\$395.11	\$58,776	0.012%
432029	A 3	TERRAL TEL. CO.	\$93,691	287	\$326.45	\$8,661	0.002%

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OKLAHOMA (CONT.)							
432030	C 3	TOTAH TELEPHONE CO. INC.	\$1,293,716	1,673	\$773.29	\$468,657	0.099%
432032	C 3	VALLIANT TELEPHONE COMPANY	\$684,217	1,773	\$385.91	\$110,331	0.023%
432034	C 2	WYANDOTTE TELEPHONE COMPANY	\$243,530	373	\$652.90	\$79,229	0.017%
432080	C 2	GTE SOUTHWEST INC. - OKLAHOMA	\$39,932,467	102,474	\$389.68	\$6,594,133	1.397%
432141	A 3	SANTA ROSA TELEPHONE COOP. INC.	\$236,941	648	\$365.65	\$32,939	0.007%
435215	C 1	SOUTHWESTERN BELL-OKLAHOMA	\$324,878,406	1,243,230	\$261.32	\$0	0.000%
STATE TOTAL: OREGON			\$362,636,371	1,448,177	\$250.41	\$9,781,199	2.073%
532226	C 3	MIDVALE TEL. EXCH. INC. - OR	\$185,737	196	\$947.64	\$74,128	0.016%
532304	C 2	C P NATIONAL CORP. - OREGON	\$3,886,588	9,740	\$399.03	\$677,989	0.144%
532359	C 3	BEAVER CREEK COOPERATIVE TEL. CO.	\$973,337	3,191	\$305.03	\$62,977	0.013%
532361	C 2	TELEPHONE UTILITIES OF OREGON INC.	\$17,351,966	35,899	\$483.36	\$4,201,774	0.890%
532362	C 3	CANBY TELEPHONE ASSOCIATION	\$1,305,217	7,448	\$175.24	\$0	0.000%
532363	C 3	CLEAR CREEK MUTUAL TELEPHONE CO.	\$1,048,625	2,760	\$379.94	\$162,483	0.034%
532364	C 3	COLTON TELEPHONE COMPANY	\$422,220	971	\$434.83	\$87,144	0.018%
532369	A 3	EAGLE TELEPHONE SYSTEM INC.	\$100,539	325	\$309.35	\$7,099	0.002%
532371	C 3	CASCADE UTILITIES INC.	\$1,896,784	7,182	\$264.10	\$0	0.000%
532373	A 3	GERVAIS TELEPHONE COMPANY	\$180,648	772	\$234.00	\$0	0.000%
532375	C 3	RTI/HALSEY TEL. CO.	\$297,948	583	\$511.06	\$77,321	0.016%
532376	C 3	HELIX TELEPHONE COMPANY	\$155,065	241	\$643.42	\$49,906	0.011%
532377	C 2	HOME TELEPHONE COMPANY	\$321,730	637	\$505.07	\$82,336	0.017%
532378	C 3	TRANS-CASCADES TELEPHONE COMPANY	\$276,737	85	\$3,255.73	\$142,503	0.030%
532383	C 3	MOLALLA TELEPHONE COMPANY	\$1,915,060	4,295	\$445.88	\$412,156	0.087%
532384	A 3	MONITOR COOPERATIVE TELEPHONE CO	\$131,326	559	\$234.93	\$0	0.000%
532385	C 3	MONROE TELEPHONE COMPANY	\$203,333	702	\$289.65	\$8,591	0.002%
532386	A 3	MT. ANGEL TELEPHONE COMPANY	\$327,834	1,401	\$234.00	\$0	0.000%
532387	C 3	NEHALEM TELEPHONE AND TELEGRAPH	\$451,295	1,900	\$237.52	\$0	0.000%
532388	C 3	NORTH STATE TELEPHONE COMPANY - OR	\$161,250	369	\$436.99	\$33,565	0.007%
532389	C 3	OREGON TELEPHONE CORPORATION	\$425,718	1,316	\$323.49	\$37,816	0.008%
532390	C 3	OREGON-IDAHO UTILITIES, INC.	\$1,016,843	435	\$2,337.57	\$504,616	0.107%
532391	A 3	PEOPLES TELEPHONE COMPANY - OR	\$275,886	1,179	\$234.00	\$0	0.000%
532392	C 3	PINE TELEPHONE SYSTEM INC. - OR	\$327,388	647	\$506.01	\$83,971	0.018%
532393	C 3	PIONEER TELEPHONE COOPERATIVE	\$2,358,341	10,023	\$235.29	\$0	0.000%
532396	A 3	ST. PAUL COOP. TEL. ASSN.	\$119,711	454	\$263.68	\$0	0.000%
532397	C 3	SCIO MUTUAL TEL. ASSOCIATION	\$407,518	1,327	\$307.10	\$27,529	0.006%
532399	A 3	STAYTON COOP. TEL CO	\$1,104,246	4,719	\$234.00	\$0	0.000%
532400	C 2	UNITED TELEPHONE CO OF THE NW - OR	\$15,898,463	48,863	\$325.37	\$1,448,871	0.307%
532404	C 2	ASOTIN TELEPHONE COMPANY - OREGON	\$215,140	112	\$1,920.89	\$103,673	0.022%
532416	C 2	GTE NORTHWEST INC. - OREGON	\$75,635,681	273,781	\$276.26	\$240,530	0.051%
532444	C 2	CONTEL OF THE NORTHWEST INC. - OR	\$7,955,247	21,901	\$363.24	\$1,083,592	0.230%
532456	C 1	MALHEUR HOME TELEPHONE COMPANY	\$3,099,659	10,394	\$298.22	\$170,629	0.036%
535163	C 1	PACIFIC NORTHWEST BELL-OREGON	\$222,203,291	993,770	\$223.60	\$0	0.000%
STATE TOTAL: PENNSYLVANIA			\$1,197,755,585	6,450,176	\$185.69	\$1,339,182	0.284%
170145	A 3	THE BENTLEYVILLE TEL. CO.	\$727,974	3,111	\$234.00	\$0	0.000%
170149	C 2	BREEZEWOOD TELEPHONE COMPANY	\$950,488	3,396	\$279.88	\$25,386	0.005%
170150	A 2	BROOKVILLE TELEPHONE COMPANY	\$6,681,402	28,553	\$234.00	\$0	0.000%
170151	A 3	BUFFALO VALLEY TELEPHONE COMPANY	\$3,503,682	14,973	\$234.00	\$0	0.000%
170152	C 2	CANTON TELEPHONE COMPANY	\$715,189	2,964	\$241.29	\$0	0.000%
170156	A 3	CITIZENS TEL CO OF KECKSBURG	\$1,066,806	4,559	\$234.00	\$0	0.000%
170157	A 2	CITIZENS UTILITIES CO. OF PA	\$791,388	3,382	\$234.00	\$0	0.000%
170161	A 2	C-TEC CORPORATION	\$42,764,202	182,753	\$234.00	\$0	0.000%
170162	A 3	THE CONESTOGA TEL. AND TEL. CO.	\$8,704,098	37,197	\$234.00	\$0	0.000%
170165	A 3	DENVER AND EPHRATA TEL. & TEL. CO.	\$9,492,444	40,566	\$234.00	\$0	0.000%
170168	C 2	ENTERPRISE TELEPHONE COMPANY	\$2,585,095	19,881	\$130.03	\$0	0.000%
170169	C 2	GTE NORTH INC. - PENNSYLVANIA	\$87,999,818	404,946	\$217.31	\$0	0.000%
170170	C 2	CONTEL OF PENNSYLVANIA, INC.	\$10,241,176	49,953	\$205.02	\$0	0.000%
170171	A 3	HICKORY TELEPHONE COMPANY	\$249,444	1,066	\$234.00	\$0	0.000%

TABLE 3.5

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
PENNSYLVANIA (CONT.)							
170175	A 3	IRONTON TELEPHONE COMPANY	\$670,176	2,864	\$234.00	\$0	0.000%
170176	A 2	ALLTEL PENNSYLVANIA INC.	\$29,666,520	126,780	\$234.00	\$0	0.000%
170177	C 3	LACKAWAXEN TELEPHONE COMPANY	\$802,696	2,613	\$307.19	\$54,322	0.012%
170178	C 2	LAKEWOOD TELEPHONE COMPANY	\$255,672	1,316	\$194.28	\$0	0.000%
170179	A 3	LAUREL HIGHLAND TELEPHONE COMPANY	\$1,094,652	4,678	\$234.00	\$0	0.000%
170183	C 2	MAHANAY & MAHANTONGO TEL. CO.	\$1,262,859	3,503	\$360.51	\$167,938	0.036%
170185	A 3	MARIANNA - SCENERY HILL TEL. CO.	\$562,302	2,403	\$234.00	\$0	0.000%
170189	A 3	ARMSTRONG TELEPHONE COMPANY - PA	\$323,154	1,381	\$234.00	\$0	0.000%
170190	A 2	MURRAYSVILLE TELEPHONE COMPANY	\$5,768,568	24,652	\$234.00	\$0	0.000%
170191	A 3	THE NORTH EASTERN PA. TEL. CO.	\$1,889,550	8,075	\$234.00	\$0	0.000%
170192	C 3	NORTH PENN TELEPHONE COMPANY	\$1,367,612	4,037	\$338.77	\$146,076	0.031%
170193	A 3	NORTH PITTSBURGH TEL. CO.	\$10,249,902	43,803	\$234.00	\$0	0.000%
170194	C 2	OSWAYO RIVER TELEPHONE COMPANY	\$582,924	1,700	\$342.90	\$64,936	0.014%
170195	A 3	OTTO TELEPHONE COMPANY	\$123,459	486	\$254.03	\$0	0.000%
170196	A 3	PALMERTON TELEPHONE COMPANY	\$2,148,588	9,182	\$234.00	\$0	0.000%
170197	A 3	PENNSYLVANIA TELEPHONE COMPANY	\$243,828	1,042	\$234.00	\$0	0.000%
170200	A 3	PYMATUNING IND. TELEPHONE COMPANY	\$420,966	1,799	\$234.00	\$0	0.000%
170201	C 2	QUAKER STATE TELEPHONE COMPANY	\$9,865,843	30,912	\$319.16	\$823,000	0.174%
170204	A 3	SOUTH CANAAN TEL. CO.	\$493,038	2,107	\$234.00	\$0	0.000%
170206	C 2	SUGAR VALLEY TELEPHONE COMPANY	\$332,594	878	\$378.81	\$51,130	0.011%
170209	C 2	UNITED TELEPHONE COMPANY OF PA	\$63,074,085	289,942	\$217.54	\$0	0.000%
170210	A 3	VENUS TELEPHONE CORPORATION	\$250,380	1,070	\$234.00	\$0	0.000%
170215	A 3	YUKON-WALTZ TELEPHONE COMPANY	\$228,618	977	\$234.00	\$0	0.000%
170277	A 3	WEST SIDE TELEPHONE COMPANY-PA	\$20,156	32	\$629.88	\$6,383	0.001%
175000	C 1	BELL OF PENNSYLVANIA	\$889,584,237	5,086,644	\$174.89	\$0	0.000%
STATE TOTAL:		PUERTO RICO	\$241,369,852	895,318	\$269.59	\$2,423,651	0.514%
633200	C 2	PUERTO RICO COMMUNICATION AUTHORITY	\$34,099,312	110,103	\$309.70	\$2,423,651	0.514%
633201	C 2	PUERTO RICO TEL. CO.	\$207,270,540	785,215	\$263.97	\$0	0.000%
STATE TOTAL:		RHODE ISLAND	\$95,975,671	529,070	\$181.40	\$0	0.000%
585114	C 1	NEW ENGLAND TEL.-RI	\$95,975,671	529,070	\$181.40	\$0	0.000%
STATE TOTAL:		SOUTH CAROLINA	\$510,930,191	1,562,071	\$327.09	\$14,302,600	3.031%
240400	2	GTE SOUTH INC. - SOUTH CAROLINA	\$45,634,574	134,344	\$339.68	\$4,920,729	1.043%
40	2	UNITED TELEPHONE CO. OF THE CAROLINAS	\$17,364,966	67,088	\$258.84	\$0	0.000%
240500	3	BLUFFTON TELEPHONE COMPANY, INC.	\$1,335,787	2,984	\$447.65	\$289,321	0.061%
240510	A 3	CHESNEE TELEPHONE COMPANY	\$879,372	3,758	\$234.00	\$0	0.000%
240516	A 3	CHESTER TELEPHONE COMPANY- SC	\$2,910,960	12,440	\$234.00	\$0	0.000%
240517	A 2	ALLTEL SOUTH CAROLINA INC.	\$7,503,444	32,066	\$234.00	\$0	0.000%
240520	C 3	FARMERS TEL COOP INC - SC	\$11,805,671	35,797	\$329.79	\$1,138,750	0.241%
240521	A 3	FORT MILL TELEPHONE COMPANY	\$2,296,710	9,815	\$234.00	\$0	0.000%
240523	C 3	HARGRAY TEL. CO. INC.	\$9,769,690	30,172	\$323.80	\$871,558	0.185%
240524	A 3	HEATH SPRINGS TEL. CO.	\$234,936	1,004	\$234.00	\$0	0.000%
240526	C 2	CONTEL OF SOUTH CAROLINA, INC.	\$3,932,104	14,163	\$277.63	\$90,338	0.019%
240527	A 3	HOME TELEPHONE COMPANY INC - SC	\$3,255,408	13,912	\$234.00	\$0	0.000%
240528	C 3	HORRY TEL. COOP. INC.	\$9,676,637	40,924	\$236.45	\$0	0.000%
240531	A 3	LANCASTER TEL. CO.	\$3,872,934	16,551	\$234.00	\$0	0.000%
240532	A 3	LOCKHART TELEPHONE COMPANY, INC.	\$151,164	646	\$234.00	\$0	0.000%
240533	C 2	MCCLELLANVILLE TEL. CO. INC.	\$404,600	1,095	\$369.50	\$58,033	0.012%
240535	A 3	NORWAY TELEPHONE CO. INC.	\$132,444	566	\$234.00	\$0	0.000%
240536	A 3	PALMETTO RURAL TEL. COOP., INC.	\$2,105,766	8,999	\$234.00	\$0	0.000%
240538	A 3	PIEDMONT RURAL TEL. COOP.	\$2,144,376	9,164	\$234.00	\$0	0.000%
240539	C 3	POND BRANCH TEL. CO. INC.	\$2,388,718	7,932	\$301.15	\$141,542	0.030%
240540	A 3	RIDGE TEL. CO. INC.	\$312,156	1,334	\$234.00	\$0	0.000%
240541	A 3	RIDGEWAY TELEPHONE COMPANY, INC.	\$309,816	1,324	\$234.00	\$0	0.000%
240542	A 3	ROCK HILL TEL. CO.	\$8,187,192	34,988	\$234.00	\$0	0.000%



TABLE 3.5

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SOUTH CAROLINA (CONT.)							
24044	A 2	ST. STEPHEN TELEPHONE COMPANY	\$858,546	3,669	\$234.00	\$0	0.000%
24046	A 3	SANDHILL TEL. COOP. INC.	\$2,350,062	10,043	\$234.00	\$0	0.000%
24050	A 3	WEST CAROLINA RURAL TEL. COOP.	\$1,978,236	8,454	\$234.00	\$0	0.000%
24051	C 2	WILLISTON TELEPHONE COMPANY	\$1,261,485	3,708	\$340.21	\$136,774	0.029%
2405194	C 1	SOUTHERN BELL-SOUTH CAROLINA	\$367,872,437	1,055,131	\$348.65	\$6,655,555	1.410%
STATE TOTAL:		SOUTH DAKOTA	\$84,780,873	326,486	\$259.68	\$2,019,849	0.428%
391640	A 3	ARMOUR INDEPENDENT TELEPHONE CO.	\$155,376	664	\$234.00	\$0	0.000%
391642	A 3	BALTIC TELECOM COOPERATIVE	\$266,526	1,139	\$234.00	\$0	0.000%
391643	C 2	CONTEL OF SOUTH DAKOTA, INC.	\$2,633,316	7,804	\$337.43	\$277,284	0.059%
391647	C 3	CHEYENNE RIVER SIOUX TRIBAL TEL AUTH	\$788,921	1,856	\$425.07	\$156,380	0.033%
391649	A 3	BERESFORD MUNICIPAL TEL. CO.	\$248,040	1,060	\$234.00	\$0	0.000%
391650	A 3	CITY OF BROOKINGS MUNICIPAL TEL. DEPT	\$2,438,748	10,422	\$234.00	\$0	0.000%
391652	A 3	DAKOTA COOP TELECOMMUNICATIONS CO INC	\$1,250,262	5,343	\$234.00	\$0	0.000%
391653	A 3	CITY OF FAITH MUNICIPAL TEL CO	\$100,883	327	\$308.51	\$7,008	0.001%
391654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.,	\$1,763,441	6,162	\$286.18	\$64,988	0.014%
391657	A 3	SPLITROCK TELECOM COOPERATIVE INC.	\$642,798	2,747	\$234.00	\$0	0.000%
391659	C 3	GOLDEN WEST TELECOMM. COOP, INC.	\$3,924,425	11,343	\$345.98	\$451,089	0.096%
391660	A 3	MT. RUSHMORE TEL. CO.	\$95,288	295	\$323.01	\$8,408	0.002%
391661	A 3	HANSON COUNTY TELEPHONE COMPANY	\$125,190	501	\$249.88	\$0	0.000%
391664	A 3	JAMES VALLEY COOPERATIVE TEL CO	\$692,041	2,004	\$345.33	\$78,963	0.017%
391666	C 3	JEFFERSON TELEPHONE COMPANY - SD	\$121,592	476	\$255.45	\$0	0.000%
391667	C 3	KADOKA TELEPHONE COMPANY	\$101,118	511	\$197.88	\$0	0.000%
391668	C 3	KENNEBEC TELEPHONE COMPANY	\$202,279	258	\$784.03	\$73,832	0.016%
391669	A 3	MCCOOK COOPERATIVE TELEPHONE CO.	\$287,934	746	\$385.97	\$46,448	0.010%
391670	A 3	MIDSTATE TELEPHONE COMPANY	\$829,961	2,511	\$330.53	\$80,772	0.017%
391674	A 3	ROBERTS COUNTY TEL. COOP. ASSN.	\$175,163	408	\$429.32	\$35,352	0.007%
391676	A 3	SANBORN TEL. COOP.	\$727,399	2,413	\$301.45	\$43,412	0.009%
391677	3	SIOUX VALLEY TELEPHONE COMPANY	\$1,096,290	4,685	\$234.00	\$0	0.000%
391679	3	STOCKHOLM-STRANDBURG TEL. CO.	\$76,733	206	\$372.49	\$11,264	0.002%
391680	3	SULLY BUTTES TELEPHONE COOP. INC.	\$1,676,332	3,930	\$426.55	\$334,399	0.071%
391682	A 3	TRI-COUNTY MUTUAL TEL. CO.-SD	\$160,710	444	\$361.96	\$21,648	0.005%
391684	A 3	UNION TELEPHONE COMPANY	\$256,698	1,097	\$234.00	\$0	0.000%
391685	A 3	VALLEY TELECOMM. COOP. ASSN., INC.	\$646,241	1,957	\$330.22	\$62,655	0.013%
391686	A 3	VIVIAN TELEPHONE COMPANY	\$48,771	105	\$464.49	\$11,175	0.002%
391688	A 3	WESTERN TELEPHONE COMPANY	\$231,821	851	\$272.41	\$3,262	0.001%
391689	C 3	WEST RIVER COOPERATIVE TEL. CO.	\$869,141	1,533	\$566.95	\$251,510	0.053%
39514	1	NORTHWESTERN BELL-SOUTH DAKOTA	\$62,147,435	252,688	\$245.95	\$0	0.000%
STATE TOTAL:		TENNESSEE	\$601,294,259	2,375,306	\$253.14	\$2,157,813	0.457%
290280	A	ARDMORE TELEPHONE COMPANY INC.	\$1,556,334	6,651	\$234.00	\$0	0.000%
290479	C	GTE SOUTH INC. - TENNESSEE	\$16,113,991	50,379	\$319.86	\$1,358,499	0.288%
290552	C	ADAMSVILLE TELEPHONE COMPANY INC.	\$2,136,154	5,819	\$367.10	\$300,540	0.064%
290553	A 3	BEN LOMAND RURAL TEL. COOP. INC.	\$5,424,120	23,180	\$234.00	\$0	0.000%
290554	A 3	BLED SOE TELEPHONE COOPERATIVE	\$1,647,360	7,040	\$234.00	\$0	0.000%
290557	A 2	CLAIBORNE TELEPHONE COMPANY INC.	\$1,440,036	6,154	\$234.00	\$0	0.000%
290559	A 2	CONCORD TEL. EXCHANGE INC.	\$2,659,176	11,364	\$234.00	\$0	0.000%
290561	A 3	CROCKETT TEL., INC.	\$884,754	3,781	\$234.00	\$0	0.000%
290562	A 3	DEKALB TELEPHONE COOP, INC.	\$3,064,932	13,098	\$234.00	\$0	0.000%
290565	A 3	HIGHLAND TEL COOP INC - TENNESSEE	\$3,922,308	16,762	\$234.00	\$0	0.000%
290566	A 3	HUMPHREY'S COUNTY TEL. COMPANY	\$303,498	1,297	\$234.00	\$0	0.000%
290567	C 2	UNITED INTER-MOUNTAIN TEL. COMPANY-TN	\$39,268,618	171,314	\$229.22	\$0	0.000%
290570	A 3	LORETTO TELEPHONE COMPANY INC.	\$1,069,146	4,569	\$234.00	\$0	0.000%
290571	C 3	MILLINGTON TELEPHONE COMPANY INC.	\$4,208,307	18,210	\$231.10	\$0	0.000%
290573	A 3	NORTH CENTRAL TEL. COOP, INC.	\$3,250,026	13,889	\$234.00	\$0	0.000%
290574	A 3	OLTEWAH-COLLEGE DALE TEL. CO.	\$1,173,978	5,017	\$234.00	\$0	0.000%
290575	C 2	TENNESSEE TELEPHONE COMPANY	\$10,610,181	36,266	\$292.57	\$495,455	0.105%
290576	A 3	PEOPLES TEL. CO. INC.	\$737,802	3,153	\$234.00	\$0	0.000%

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TENNESSEE (CONT.)							
290577	A 2	ALLTEL TENNESSEE INC.	\$3,379,896	14,444	\$234.00	\$0	0.000%
290578	A 2	TELLICO TEL. CO., INC.	\$1,293,786	5,529	\$234.00	\$0	0.000%
290579	C 3	TWIN LAKES TEL. COOP. CORP.	\$6,102,463	24,279	\$251.35	\$0	0.000%
290581	A 3	UNITED TEL. CO.-TN	\$1,751,022	7,483	\$234.00	\$0	0.000%
290583	A 3	WEST TENNESSEE TEL. CO., INC.	\$898,560	3,840	\$234.00	\$0	0.000%
290584	A 3	YORKVILLE TELEPHONE COOPERATIVE INC.	\$470,558	1,753	\$268.43	\$3,319	0.001%
295185	C 1	SOUTH CENTRAL BELL-TENNESSEE	\$487,927,253	1,920,035	\$254.12	\$0	0.000%
STATE TOTAL: TEXAS			\$2,303,969,777	8,384,293	\$274.80	\$67,160,668	14.233%
440425	C 3	CAMERON TELEPHONE COMPANY - TEXAS	\$447,749	969	\$462.07	\$101,812	0.022%
442038	A 3	BLOSSOM TELEPHONE COMPANY	\$261,144	1,116	\$234.00	\$0	0.000%
442039	C 3	BIG BEND TELEPHONE COMPANY INC.	\$3,493,956	2,641	\$1,322.97	\$1,556,407	0.330%
442040	C 3	BRAZORIA TEL. CO.	\$2,735,396	5,039	\$542.85	\$758,379	0.161%
442041	C 3	BRAZOS TELEPHONE COOPERATIVE INC.	\$918,727	1,105	\$831.43	\$345,681	0.073%
442043	A 3	BYERS AND PETROLIA TELEPHONE CO.	\$220,653	772	\$285.82	\$8,006	0.002%
442046	C 3	CAP ROCK TELEPHONE COMPANY INC.	\$1,098,901	2,324	\$472.85	\$258,272	0.055%
442052	C 3	CENTRAL TEXAS TELEPHONE CO-OP. INC.	\$3,976,932	3,613	\$1,100.73	\$1,677,570	0.356%
442057	A 3	COLEMAN COUNTY TELEPHONE CO-OP. INC.	\$581,227	1,823	\$318.83	\$48,243	0.010%
442059	C 3	COLORADO VALLEY TELEPHONE CO-OP. INC.	\$2,459,758	4,953	\$496.62	\$616,664	0.131%
442060	A 3	COMANCHE COUNTY TEL COMPANY INC.	\$1,129,752	4,828	\$234.00	\$0	0.000%
442061	C 3	COMMUNITY TELEPHONE COMPANY, INC.	\$530,705	1,461	\$363.25	\$72,294	0.015%
442065	A 3	CUMBY TELEPHONE COOPERATIVE INC.	\$131,152	558	\$235.04	\$0	0.000%
442066	C 3	DELL TELEPHONE CO-OP. INC. - TX	\$1,439,843	537	\$2,681.27	\$726,759	0.154%
442068	C 3	EASTEX TELEPHONE COOPERATIVE INC.	\$9,742,602	20,570	\$473.63	\$2,295,020	0.486%
442069	A 3	ELECTRA TELEPHONE COMPANY, INC.	\$410,904	1,756	\$234.00	\$0	0.000%
442070	C 3	ETEX TELEPHONE COOPERATIVE INC.	\$3,098,078	9,118	\$339.78	\$334,417	0.071%
442071	C 3	FIVE AREA TELEPHONE CO-OP. INC.	\$1,587,755	1,454	\$1,091.99	\$667,966	0.142%
442072	C 3	FORT BEND TELEPHONE COMPANY	\$6,900,264	17,741	\$388.94	\$1,134,237	0.240%
442076	C 3	GANADO TELEPHONE COMPANY INC.	\$492,029	1,275	\$385.91	\$79,334	0.017%
442080	C 2	GTE SOUTHWEST INC. - TEXAS	\$369,854,081	1,122,936	\$329.36	\$5,458,648	1.157%
442083	C 3	GUADALUPE VALLEY TEL CO-OP. INC.	\$6,820,015	15,660	\$435.51	\$1,411,415	0.299%
442084	C 2	UNITED TELEPHONE CO. OF TEXAS INC.	\$47,246,376	101,094	\$467.35	\$10,922,064	2.315%
442086	C 3	HILL COUNTRY TELEPHONE CO-OP. INC.	\$4,736,403	9,152	\$517.53	\$1,247,097	0.264%
442090	C 3	ALENCO COMMUNICATIONS, INC.	\$75,710	206	\$367.52	\$10,689	0.002%
442093	C 3	INDUSTRY TELEPHONE COMPANY	\$1,319,830	1,534	\$860.38	\$504,867	0.107%
442097	C 3	KERRVILLE TELEPHONE COMPANY	\$3,304,544	14,856	\$222.44	\$0	0.000%
442101	C 3	LAKE DALLAS TELEPHONE COMPANY, INC.	\$2,956,918	4,435	\$666.72	\$976,517	0.207%
442103	C 3	LA WARD TELEPHONE EXCHANGE INC.	\$562,505	879	\$639.94	\$180,301	0.038%
442104	C 2	LAKE LIVINGSTON TEL. CO.	\$567,902	946	\$600.32	\$172,961	0.037%
442105	C 3	LIPAN TELEPHONE COMPANY	\$457,494	886	\$516.36	\$120,148	0.025%
442107	A 3	LIVINGSTON TELEPHONE COMPANY	\$1,046,916	4,474	\$234.00	\$0	0.000%
442109	C 2	LUFKIN-CONROE TELEPHONE EXCHANGE, INC	\$19,320,434	62,656	\$308.36	\$1,338,290	0.284%
442112	C 3	MID-PLAINS RURAL TEL. CO-OP. INC.	\$1,336,079	2,080	\$642.35	\$429,470	0.091%
442114	C 2	CENTRAL TELEPHONE COMPANY OF TEXAS	\$38,439,779	128,500	\$299.14	\$2,167,098	0.459%
442116	C 3	MUENSTER TELEPHONE CORP. OF TEXAS	\$778,799	2,551	\$305.29	\$50,670	0.011%
442117	C 2	MUSTANG TELEPHONE COMPANY	\$1,076,364	2,471	\$435.60	\$222,833	0.047%
442121	C 2	ALLTEL TEXAS INC.	\$935,819	2,705	\$345.96	\$107,542	0.023%
442130	C 3	PEOPLES TELEPHONE COOPERATIVE - TX	\$2,535,414	7,037	\$360.30	\$336,531	0.071%
442131	C 3	POKA-LAMBRO TEL. COOPERATIVE, INC.	\$1,844,888	3,146	\$586.42	\$550,599	0.117%
442134	C 3	RIVIERA TELEPHONE COMPANY INC.	\$546,293	831	\$657.39	\$178,612	0.038%
442135	C 3	SOUTHWEST TEXAS TELEPHONE COMPANY	\$2,514,429	2,676	\$939.62	\$999,996	0.212%
442136	C 2	ROMAIN TELEPHONE COMPANY	\$545,074	867	\$628.69	\$172,353	0.037%
442140	A 3	SAN MARCOS TEL. CO., INC.	\$4,583,358	19,587	\$234.00	\$0	0.000%
442141	A 3	SANTA ROSA TEL. COOP., INC.	\$649,714	1,594	\$407.60	\$118,640	0.025%
442143	A 3	SOUTH PLAINS TEL. COOP., INC.	\$1,321,420	3,713	\$355.89	\$168,357	0.036%
442147	C 3	SUGAR LAND TEL. CO.	\$8,459,931	30,519	\$277.20	\$188,266	0.040%
442150	C 3	TATUM TEL. CO.	\$335,126	679	\$493.56	\$83,369	0.018%
442151	C 3	TAYLOR TEL. CO-OP., INC.	\$2,327,278	5,275	\$441.19	\$492,283	0.104%
442153	C 2	TEXAS-MIDLAND TELEPHONE COMPANY	\$6,749,451	9,540	\$707.49	\$2,319,340	0.492%

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
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Data for 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
TEXAS (CONT.)							
442154	C 2	CONTINENTAL TELEPHONE CO OF TEXAS	\$81,315,438	155,216	\$523.89	\$21,705,786	4.600%
442155	C 3	TRI-COUNTY TEL. CO. INC.-TX	\$705,613	776	\$909.30	\$276,749	0.059%
442156	C 2	TRINITY VALLEY TELEPHONE COMPANY INC.	\$2,816,607	5,025	\$560.52	\$806,245	0.171%
442159	C 3	VALLEY TELEPHONE CO-OP. INC. - TX	\$4,053,824	4,370	\$927.65	\$1,603,604	0.340%
442163	C 3	WATERWOOD COMMUNICATIONS INC.	\$200,871	394	\$509.82	\$51,982	0.011%
442166	C 3	WEST TEXAS RURAL TEL. CO-OP. INC.	\$1,310,466	1,756	\$746.28	\$465,229	0.099%
442168	C 3	WES-TEX TELEPHONE CO-OP.	\$1,226,314	3,029	\$404.86	\$220,778	0.047%
442170	C 3	XIT RURAL TELEPHONE CO-OP. INC.	\$992,062	1,048	\$946.62	\$395,754	0.084%
442262	C 3	E.N.M.R. TEL. COOP., INC.-TX	\$251,622	761	\$330.65	\$24,524	0.005%
445216	C 1	SOUTHWESTERN BELL-TEXAS	\$1,636,191,089	6,564,780	\$249.24	\$0	0.000%
STATE TOTAL: UTAH			\$146,819,397	724,863	\$202.55	\$2,105,802	0.446%
502177	C 2	CONTEL OF THE WEST - UTAH	\$6,254,981	14,095	\$443.77	\$1,335,853	0.283%
502275	C 2	NAVAJO COMMUNICATIONS CO. INC. - UT	\$218,852	301	\$727.08	\$76,495	0.016%
502277	C 3	CENTRAL UTAH TEL. INC.	\$259,658	767	\$338.54	\$27,667	0.006%
502278	C 3	EMERY COUNTY FARMERS UNION TEL ASSN	\$469,637	2,469	\$190.21	\$0	0.000%
502279	A 3	GUNNISON TEL. CO.	\$258,102	1,103	\$234.00	\$0	0.000%
502280	C 3	KAMAS-WOODLAND TEL. CO.	\$631,302	1,609	\$392.36	\$105,964	0.022%
502282	A 3	MANTI TELEPHONE COMPANY	\$234,000	1,000	\$234.00	\$0	0.000%
502283	A 3	SKYLINE TELECOM	\$129,788	543	\$239.02	\$0	0.000%
502284	C 3	BEEHIVE TELEPHONE CO., INC., UT	\$498,657	470	\$1,060.97	\$207,716	0.044%
502286	C 3	SOUTH CENTRAL UTAH TEL. ASSN. INC.	\$609,871	2,466	\$247.31	\$0	0.000%
502287	C 3	UINTAH BASIN TEL. ASSN. INC.	\$1,161,500	2,183	\$532.07	\$315,321	0.067%
502288	C 3	UTAH-WYOMING TELECOM - UT	\$185,969	438	\$424.59	\$36,786	0.008%
505107	C 1	MOUNTAIN BELL-UTAH	\$135,907,080	697,419	\$194.87	\$0	0.000%
STATE TOTAL: VERMONT			\$101,525,924	310,676	\$326.79	\$3,635,894	0.771%
140053	A 3	FRANKLIN TEL. CO. - VT	\$121,842	472	\$258.14	\$0	0.000%
140058	C 2	LUDLOW TEL. CO.	\$754,672	3,857	\$195.66	\$0	0.000%
140061	C 2	NORTHFIELD TEL. CO.	\$488,147	2,665	\$183.17	\$0	0.000%
140062	C 2	PERKINSVILLE TEL. CO.	\$197,549	755	\$261.65	\$0	0.000%
140064	A 3	SHOREHAM TEL. CO. INC.	\$702,630	2,606	\$269.62	\$6,446	0.001%
140068	C 3	TOPSHAM TEL. CO., INC.	\$267,962	1,090	\$245.84	\$0	0.000%
140069	C 3	WAITSFIELD/FAYSTON TEL. CO.	\$2,075,181	4,389	\$472.81	\$487,662	0.103%
140070	C 2	CONTEL OF VERMONT, INC.	\$12,706,214	33,120	\$383.64	\$2,018,724	0.428%
145115	C 1	NEW ENGLAND TEL.-VT	\$84,211,727	261,722	\$321.76	\$1,123,062	0.238%
STATE TOTAL: VIRGIN ISLANDS			\$19,471,667	45,536	\$427.61	\$3,901,750	0.827%
643300	C 2	VIRGIN ISLANDS TELEPHONE CORPORATION	\$19,471,667	45,536	\$427.61	\$3,901,750	0.827%
STATE TOTAL: VIRGINIA			\$749,457,567	3,249,910	\$230.61	\$1,984,598	0.421%
190217	C 2	AMELIA TEL. CORP.	\$1,172,510	3,222	\$363.91	\$160,629	0.034%
190219	A 3	BUGGS ISLAND TELEPHONE COOP.	\$563,004	2,406	\$234.00	\$0	0.000%
190220	A 3	BURKE'S GARDEN TELEPHONE COMPANY INC.	\$43,768	90	\$486.31	\$10,683	0.002%
190225	A 3	CITIZENS TELEPHONE COOP - VIRGINIA	\$1,167,192	4,988	\$234.00	\$0	0.000%
190226	A 3	CLIFTON FORGE WAYNESBORO TEL CO	\$6,626,646	28,319	\$234.00	\$0	0.000%
190233	C 2	CONTEL OF VIRGINIA, INC.	\$100,413,931	350,279	\$286.67	\$581,218	0.123%
190236	A 3	NORTH RIVER TELEPHONE COOPERATIVE	\$182,988	782	\$234.00	\$0	0.000%
190237	A 3	HIGHLAND TEL COOP - VIRGINIA	\$305,147	995	\$306.68	\$20,438	0.004%
190238	A 3	MOUNTAIN GROVE-WILLIAMSVILLE TEL. CO.	\$405,113	1,125	\$360.10	\$53,674	0.011%
190239	A 3	NEW HOPE TELEPHONE COMPANY - VA	\$169,884	726	\$234.00	\$0	0.000%
190243	A 3	PEMBROKE TELEPHONE COOPERATIVE	\$378,144	1,616	\$234.00	\$0	0.000%
190244	A 3	PEOPLES MUTUAL TEL CO - VA	\$1,529,658	6,537	\$234.00	\$0	0.000%
190248	A 3	SCOTT COUNTY TEL. COOP. INC.	\$1,176,084	5,026	\$234.00	\$0	0.000%
190249	C 3	ROANOKE & BOTETOURT TEL. CO.	\$1,897,185	6,414	\$295.79	\$97,695	0.021%
190250	A 3	SHENANDOAH TEL. CO.	\$3,961,386	16,929	\$234.00	\$0	0.000%

TABLE 3.5

National Exchange Carrier Association  
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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
----- VIRGINIA (CONT.) -----							
190253	A 3	VIRGINIA HOT SPRINGS TEL. CO.	\$393,822	1,683	\$234.00	\$0	0.000%
190254	C 2	CENTRAL TELEPHONE COMPANY OF VA	\$55,471,962	209,930	\$264.24	\$0	0.000%
190479	C 2	GTE SOUTH INC. - VIRGINIA	\$9,666,625	29,684	\$325.65	\$884,233	0.187%
190567	C 2	UNITED INTER-MOUNTAIN TELEPHONE CO-VA	\$21,522,608	79,992	\$269.06	\$176,028	0.037%
195040	C 1	C & P TELEPHONE COMPANY OF VIRGINIA	\$542,409,910	2,499,167	\$217.04	\$0	0.000%
STATE TOTAL: WASHINGTON			\$554,325,606	2,542,042	\$218.06	\$8,558,010	1.814%
-----							
522400	C 2	UNITED TELEPHONE CO OF THE NW - WA	\$17,355,712	51,518	\$336.89	\$1,816,921	0.385%
522404	C 2	ASOTIN TELEPHONE COMPANY - WA	\$426,569	900	\$473.97	\$100,586	0.021%
522408	C 2	TELEPHONE UTILITIES OF WA INC.	\$25,937,467	78,038	\$332.37	\$2,580,264	0.547%
522410	C 3	COWICHE TELEPHONE CO. INC.	\$377,077	1,431	\$263.51	\$0	0.000%
522412	C 3	ELLENSBURG TELEPHONE COMPANY	\$2,910,087	14,210	\$204.79	\$0	0.000%
522416	C 2	GTE NORTHWEST INC. - WASHINGTON	\$132,816,313	491,390	\$270.29	\$211,691	0.045%
522417	C 3	HAT ISLAND TELEPHONE COMPANY	\$16,403	57	\$287.77	\$646	0.000%
522419	C 3	HOOD CANAL TELEPHONE COMPANY	\$218,930	769	\$284.69	\$7,552	0.002%
522423	C 3	INLAND TELEPHONE COMPANY - WA	\$743,132	1,531	\$485.39	\$180,943	0.038%
522426	C 3	KALAMA TELEPHONE COMPANY	\$549,449	1,606	\$342.12	\$60,735	0.013%
522427	C 3	LEWIS RIVER TELEPHONE COMPANY INC.	\$806,529	2,423	\$332.86	\$80,693	0.017%
522430	A 3	MCDANIEL TELEPHONE COMPANY	\$516,204	2,206	\$234.00	\$0	0.000%
522431	C 3	MASHELL TELEPHONE COMPANY INC.	\$827,029	1,926	\$429.40	\$166,968	0.035%
522436	C 2	PENINSULA TELECOMMUNICATIONS, INC.	\$1,444,060	4,181	\$345.39	\$164,883	0.035%
522437	C 3	PIONEER TELEPHONE COMPANY	\$478,039	731	\$653.95	\$155,704	0.033%
522442	C 3	ST. JOHN TELEPHONE CO.	\$197,770	537	\$368.29	\$28,094	0.006%
522446	C 3	TENINO TEL. CO.	\$834,836	2,106	\$396.41	\$143,492	0.030%
522447	C 3	TOLEDO TELEPHONE COMPANY INC.	\$477,350	1,345	\$354.91	\$60,244	0.013%
522449	C 2	CONTEL OF THE NORTHWEST INC. - WA	\$17,568,237	51,092	\$343.85	\$1,975,502	0.419%
522451	C 3	WESTERN WAHAKIAKUM COUNTY TEL COMPANY	\$379,543	800	\$474.43	\$89,617	0.019%
522452	C 3	WHIDBEY TEL. CO.	\$3,205,796	7,341	\$436.70	\$666,549	0.141%
522453	C 3	YELM TELEPHONE COMPANY	\$1,570,877	5,419	\$289.88	\$66,926	0.014%
525161	C 1	PACIFIC NORTHWEST BELL-WASHINGTON	\$344,668,197	1,820,485	\$189.33	\$0	0.000%
STATE TOTAL: WEST VIRGINIA			\$272,161,223	775,664	\$350.88	\$11,991,754	2.541%
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200256	A 3	ARMSTRONG TELEPHONE COMPANY - WV	\$542,880	2,320	\$234.00	\$0	0.000%
200257	A 3	SPRUCE KNOB SENECA ROCKS TEL., INC.	\$190,944	816	\$234.00	\$0	0.000%
200259	C 3	HARDY TELEPHONE COMPANY	\$1,062,425	1,993	\$533.08	\$289,009	0.061%
200267	A 3	ARMSTRONG TELEPHONE COMPANY	\$857,142	3,663	\$234.00	\$0	0.000%
200270	C 2	MOUNTAIN STATE TELEPHONE CO.	\$8,103,707	15,688	\$516.55	\$2,129,077	0.451%
200276	A 3	WAR TELEPHONE COMPANY	\$379,080	1,620	\$234.00	\$0	0.000%
200277	A 3	WEST SIDE TELEPHONE COMPANY - WV	\$412,542	1,763	\$234.00	\$0	0.000%
200278	C 2	CONTEL OF WEST VIRGINIA, INC.	\$10,371,641	23,137	\$448.27	\$2,251,374	0.477%
200479	C 2	GTE SOUTH INC. - WEST VIRGINIA	\$23,599,203	63,497	\$371.66	\$3,442,368	0.730%
205050	C 1	C & P TELEPHONE COMPANY OF W VA	\$226,641,659	661,167	\$342.79	\$3,879,926	0.822%
STATE TOTAL: WISCONSIN			\$537,778,572	2,458,914	\$218.71	\$2,277,553	0.483%
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330841	C 2	CENCOM OF WISCONSIN INC.	\$6,569,848	22,932	\$286.49	\$245,320	0.052%
330842	A 3	AMERY TELEPHONE COMPANY	\$1,206,036	5,154	\$234.00	\$0	0.000%
330843	A 3	AMHERST TELEPHONE COMPANY	\$892,242	3,813	\$234.00	\$0	0.000%
330844	A 2	BADGER TELECOM, INC.	\$1,282,554	5,481	\$234.00	\$0	0.000%
330846	A 3	BALDWIN TELCOM. INC.	\$692,406	2,959	\$234.00	\$0	0.000%
330847	A 3	BELMONT TELEPHONE COMPANY	\$177,606	759	\$234.00	\$0	0.000%
330848	A 3	BERGEN TELEPHONE COMPANY	\$86,440	177	\$488.36	\$21,215	0.004%
330849	A 2	BLACK EARTH TELEPHONE COMPANY	\$262,314	1,121	\$234.00	\$0	0.000%
330850	A 3	BLOOMER TELEPHONE COMPANY	\$648,180	2,770	\$234.00	\$0	0.000%
330851	A 2	BONDUEL TELEPHONE COMPANY	\$349,596	1,494	\$234.00	\$0	0.000%
330855	A 3	BRUCE TELEPHONE COMPANY, INC.	\$330,408	1,412	\$234.00	\$0	0.000%
330856	A 2	BURLINGTON BRIGHTON & WHEATLAND TEL	\$708,786	3,029	\$234.00	\$0	0.000%
330857	A 3	CASCO TELEPHONE COMPANY	\$251,082	1,073	\$234.00	\$0	0.000%

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WISCONSIN (CONT.)							
330858	A 2	LAKESHORE TELEPHONE COMPANY	\$403,884	1,726	\$234.00	\$0	0.000%
330859	C 2	CENTRAL STATE TELEPHONE COMPANY	\$2,169,119	7,212	\$300.77	\$127,358	0.027%
330860	C 3	CHEQUAMEGON TELEPHONE COOP INC.	\$1,685,999	6,226	\$270.80	\$18,982	0.004%
330861	A 3	CHIBARDUN TELEPHONE COOP INC.	\$1,124,370	4,805	\$234.00	\$0	0.000%
330863	A 3	CITIZENS TELEPHONE COOP INC - WI	\$380,272	1,544	\$246.29	\$0	0.000%
330865	A 3	CLEAR LAKE TELEPHONE CO INC - WI	\$300,690	1,285	\$234.00	\$0	0.000%
330866	A 3	COCHRANE COOPERATIVE TELEPHONE CO	\$258,290	1,075	\$240.27	\$0	0.000%
330868	A 3	COON VALLEY FARMERS TELEPHONE CO., INC	\$477,594	2,041	\$234.00	\$0	0.000%
330870	C 3	CRANDON TELEPHONE COMPANY	\$806,147	2,346	\$343.63	\$90,446	0.019%
330872	A 3	CUBA CITY TEL. EXCH. CO.	\$365,976	1,564	\$234.00	\$0	0.000%
330875	A 3	DICKEYVILLE TELEPHONE CO.	\$231,192	988	\$234.00	\$0	0.000%
330877	A 3	FAIRWATER-BRANDON-ALTO TEL. CO.	\$279,864	1,196	\$234.00	\$0	0.000%
330879	A 3	FARMERS IND. TELEPHONE COMPANY - WI	\$573,534	2,451	\$234.00	\$0	0.000%
330880	A 3	FARMERS TELEPHONE COMPANY - WI	\$1,310,634	5,601	\$234.00	\$0	0.000%
330881	A 3	MID-PLAINS TELEPHONE INC.	\$4,591,314	19,621	\$234.00	\$0	0.000%
330883	A 3	FOOTVILLE TELEPHONE COMPANY	\$203,112	868	\$234.00	\$0	0.000%
330884	A 2	FORESTVILLE TEL. CO. INC.	\$441,090	1,885	\$234.00	\$0	0.000%
330886	C 2	GTE NORTH INC. - WISCONSIN	\$105,912,373	332,861	\$318.19	\$1,339,200	0.284%
330889	A 3	HAGER TELECOM INC.	\$422,838	1,807	\$234.00	\$0	0.000%
330891	C 3	HEADWATERS TEL. CO.	\$965,982	3,643	\$265.16	\$1,090	0.000%
330892	A 3	HILLSBORO TELEPHONE COMPANY INC.	\$347,724	1,486	\$234.00	\$0	0.000%
330895	C 2	CENTURY TELEPHONE OF WISCONSIN INC.	\$8,119,709	44,188	\$183.75	\$0	0.000%
330896	A 3	LAKEFIELD TELEPHONE COMPANY	\$325,026	1,389	\$234.00	\$0	0.000%
330898	A 2	LARSEN-READFIELD TEL. CO.	\$475,956	2,034	\$234.00	\$0	0.000%
330899	A 3	LA VALLE TELEPHONE COOPERATIVE	\$400,608	1,712	\$234.00	\$0	0.000%
330900	A 3	LEMONWEIR VALLEY TEL. CO.	\$623,844	2,666	\$234.00	\$0	0.000%
330902	A 3	LUCK TELEPHONE COMPANY	\$472,446	2,019	\$234.00	\$0	0.000%
330904	A 3	MADLINE ISLAND TEL. CO.	\$97,658	308	\$317.07	\$7,886	0.002%
330905	A 3	MANAWA TELEPHONE COMPANY	\$478,062	2,043	\$234.00	\$0	0.000%
330907	A 3	MAPLE TELEPHONE COOP INC.	\$100,906	327	\$308.58	\$7,020	0.001%
330908	C 3	MARQUETTE-ADAMS TEL. COOP. INC.	\$604,888	2,643	\$228.86	\$0	0.000%
330909	C 2	MIDWAY TELEPHONE COMPANY	\$1,330,239	6,105	\$217.89	\$0	0.000%
330910	A 3	MILLTOWN MUTUAL TELEPHONE COMPANY	\$373,464	1,596	\$234.00	\$0	0.000%
330912	A 2	MONDOVI TELEPHONE COMPANY	\$522,054	2,231	\$234.00	\$0	0.000%
330913	C 2	MONROE COUNTY TELEPHONE COMPANY	\$1,873,704	8,760	\$213.89	\$0	0.000%
330914	A 2	EASTCOAST TELECOM, INC.	\$1,091,376	4,664	\$234.00	\$0	0.000%
330915	A 3	MOSINEE TEL. CO.	\$906,984	3,876	\$234.00	\$0	0.000%
330916	C 3	MOUNT HOREB TELEPHONE COMPANY	\$797,363	2,978	\$267.75	\$4,651	0.001%
330917	C 2	MOUNT VERNON TELEPHONE COMPANY	\$1,011,067	5,328	\$189.76	\$0	0.000%
330918	A 3	NELSON TELEPHONE COOPERATIVE	\$817,362	3,493	\$234.00	\$0	0.000%
330920	A 3	NIAGARA TELEPHONE COMPANY	\$817,596	3,494	\$234.00	\$0	0.000%
330922	C 3	NORTH-WEST TELEPHONE COMPANY	\$13,317,604	54,242	\$245.52	\$0	0.000%
330924	A 3	KENDALL TELEPHONE, INC.	\$132,444	566	\$234.00	\$0	0.000%
330925	A 3	BAYLAND TELEPHONE INC.	\$334,854	1,431	\$234.00	\$0	0.000%
330930	A 2	GRANTLAND TELECOM, INC.	\$804,024	3,436	\$234.00	\$0	0.000%
330931	C 3	PEOPLES TELEPHONE CO OF RANDOLPH	\$1,427,680	5,494	\$259.86	\$0	0.000%
330934	C 3	PLATTEVILLE TELEPHONE COMPANY	\$1,190,346	7,415	\$160.53	\$0	0.000%
330936	C 3	INDIANHEAD TEL. CO.	\$575,911	1,650	\$349.04	\$68,457	0.015%
330937	C 3	PRICE COUNTY TELEPHONE COMPANY	\$1,040,201	3,451	\$301.42	\$62,035	0.013%
330938	A 3	NORTHEAST TEL. CO.	\$1,191,060	5,090	\$234.00	\$0	0.000%
330940	C 3	RHINELANDER TEL. CO.	\$1,883,037	9,607	\$196.01	\$0	0.000%
330941	A 3	RIB LAKE TELEPHONE COMPANY	\$267,696	1,144	\$234.00	\$0	0.000%
330942	A 3	RICHLAND-GRANT TEL. COOP. INC.	\$615,027	2,408	\$255.41	\$0	0.000%
330943	A 2	RIVERSIDE TELECOM, INC.	\$588,744	2,516	\$234.00	\$0	0.000%
330944	A 2	ST. CROIX TEL. CO.	\$1,361,880	5,820	\$234.00	\$0	0.000%
330945	A 2	SCANDINAVIA TELEPHONE COMPANY	\$492,804	2,106	\$234.00	\$0	0.000%
330946	A 3	SHARON TEL. CO.	\$248,555	985	\$252.34	\$0	0.000%
330948	A 3	SHELL LAKE TEL. CO.	\$460,278	1,967	\$234.00	\$0	0.000%
330949	A 3	SIREN TELEPHONE CO., INC.	\$443,664	1,896	\$234.00	\$0	0.000%
330950	C 2	SOLOM SPRINGS TEL. CO.	\$3,304,806	14,368	\$230.01	\$0	0.000%

TABLE 3.5

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Data for 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1991 AT 6/8 TRANSITION	PERCENT OF TOTAL
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WISCONSIN (CONT.)							
330951	A 3	SOMERSET TEL. CO., INC.	\$336,024	1,436	\$234.00	\$0	0.000%
330952	C 3	SOUTHEAST TEL. CO. OF WIS., INC.	\$1,429,201	5,910	\$241.83	\$0	0.000%
330953	A 3	SPRING VALLEY TEL. CO., INC.	\$210,132	898	\$234.00	\$0	0.000%
330954	A 2	STOCKBRIDGE & SHERWOOD TEL. CO.	\$566,748	2,422	\$234.00	\$0	0.000%
330955	A 3	STATE LONG DISTANCE TEL. CO.	\$1,526,148	6,522	\$234.00	\$0	0.000%
330956	C 2	UNIVERSAL TEL. CO. OF NORTHERN WIS.	\$3,179,699	9,818	\$323.86	\$283,893	0.060%
330957	A 3	SULLIVAN TEL. CO.	\$419,094	1,791	\$234.00	\$0	0.000%
330958	A 2	TENNEY TEL. CO.	\$219,492	938	\$234.00	\$0	0.000%
330959	A 3	THORP TELEPHONE COMPANY	\$482,040	2,060	\$234.00	\$0	0.000%
330960	A 3	TRI-COUNTY TEL. COOP. INC.-WI	\$829,764	3,546	\$234.00	\$0	0.000%
330961	A 3	TURTLE LAKE TELEPHONE CO INC.	\$283,842	1,213	\$234.00	\$0	0.000%
330962	A 3	UNION TELEPHONE COMPANY	\$822,276	3,514	\$234.00	\$0	0.000%
330963	C 3	UTELCO, INC	\$2,384,490	12,658	\$188.38	\$0	0.000%
330964	C 2	URBAN TELEPHONE CORPORATION	\$3,256,440	16,664	\$195.42	\$0	0.000%
330966	A 3	VERNON TELEPHONE COOP	\$1,339,650	5,725	\$234.00	\$0	0.000%
330967	A 2	VIROQUA TELEPHONE COMPANY	\$747,162	3,193	\$234.00	\$0	0.000%
330968	A 2	WAUNAKEE TELEPHONE COMPANY	\$937,404	4,006	\$234.00	\$0	0.000%
330970	A 3	WAYSIDE TELEPHONE COMPANY	\$302,796	1,294	\$234.00	\$0	0.000%
330971	A 3	WEST WISCONSIN TELCOM COOP. INC.	\$912,834	3,901	\$234.00	\$0	0.000%
330973	A 3	WITTENBERG TELEPHONE COMPANY	\$450,918	1,927	\$234.00	\$0	0.000%
330974	C 3	WOOD COUNTY TELEPHONE COMPANY	\$2,988,314	21,022	\$142.15	\$0	0.000%
335220	C 1	WISCONSIN BELL	\$326,523,681	1,666,605	\$195.92	\$0	0.000%
-----							
STATE TOTAL:		WYOMING	\$84,464,699	229,887	\$367.42	\$2,622,511	0.556%
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511595	C 2	UNITED TELEPHONE CO. OF THE WEST-WY	\$1,452,158	5,872	\$247.30	\$0	0.000%
512251	C 3	RANGE TEL. COOPERATIVE INC.-WY	\$823,615	1,346	\$611.90	\$254,863	0.054%
512289	A 3	CHUGWATER TELEPHONE COMPANY	\$84,140	239	\$352.05	\$10,321	0.002%
512290	C 3	UTAH-WYOMING TELECOM WY	\$76,276	302	\$252.57	\$0	0.000%
512291	C 3	DUBOIS TELEPHONE EXCHANGE INC.	\$1,104,396	1,525	\$724.19	\$385,080	0.082%
512292	A 3	EDEN VALLEY TEL. CO.	\$84,765	242	\$350.27	\$10,208	0.002%
512295	C 3	SILVER STAR TEL. CO.- WY	\$321,324	1,037	\$309.86	\$22,908	0.005%
512296	A 3	TRI-COUNTY TEL. ASSN. INC.-WY	\$331,645	934	\$355.08	\$41,924	0.009%
512297	C 3	UNION TELEPHONE CO.	\$1,084,486	2,750	\$394.36	\$184,200	0.039%
512299	C 2	TELEPHONE UTILITIES OF WYOMING, INC.	\$940,680	3,016	\$311.90	\$69,625	0.015%
515108	C 1	MOUNTAIN BELL-WYOMING	\$78,161,214	212,624	\$367.60	\$1,643,382	0.348%
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INDUSTRY TOTAL:			\$30,282,466,412	131,639,329	\$230.04	\$471,868,041	100.000%
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TABLE 3.6

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Revised Data for 1988

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
STATE TOTAL:		ALABAMA	\$465,931,984	1,751,930	\$265.95	\$11,252,981	3.349%
250281	C 2	CONTEL OF THE SOUTH, INC. - AL	\$31,052,708	75,632	\$410.58	\$4,799,796	1.429%
250282	A 3	BLOUNTSVILLE TEL. COMPANY INC.	\$472,655	1,936	\$244.14	\$0	0.000%
250283	A 3	BRINDLEE MOUNTAIN TEL. COMPANY	\$2,194,330	8,988	\$244.14	\$0	0.000%
250284	C 2	BUTLER TELEPHONE CO. INC.	\$1,190,936	3,165	\$376.28	\$147,390	0.044%
250285	A 3	CASTLEBERRY TEL. COMPANY INC.	\$176,269	722	\$244.14	\$0	0.000%
250286	A 3	NATIONAL TEL. CO. OF AL	\$442,870	1,814	\$244.14	\$0	0.000%
250290	A 3	FARMERS TEL COOP INC - ALABAMA	\$3,394,523	13,904	\$244.14	\$0	0.000%
250293	C 2	GTE SOUTH INC. - ALABAMA	\$38,757,831	115,439	\$335.74	\$3,388,856	1.009%
250295	A 3	GRACEBA TOTAL COMMUNICATIONS	\$833,982	3,416	\$244.14	\$0	0.000%
250296	A 2	GOSHEN TELEPHONE COMPANY	\$159,668	654	\$244.14	\$0	0.000%
250297	C 2	GROVE HILL TEL. CORP.	\$499,329	1,653	\$302.07	\$25,735	0.008%
250298	C 3	GULF TELEPHONE COMPANY - ALABAMA	\$6,752,222	23,497	\$287.37	\$217,788	0.065%
250299	A 3	HAYNEVILLE TEL. COMPANY INC.	\$361,327	1,480	\$244.14	\$0	0.000%
250300	C 3	HOPPER TEL. COMPANY INC.	\$954,354	2,635	\$362.18	\$106,619	0.032%
250301	A 3	LAMAR COUNTY TEL. COMPANY	\$425,780	1,744	\$244.14	\$0	0.000%
250302	C 2	ALLTEL ALABAMA	\$6,804,084	16,479	\$412.89	\$1,063,410	0.316%
250304	C 3	MILLRY TELEPHONE CO. INC	\$2,294,728	4,772	\$480.87	\$461,452	0.137%
250305	A 3	MON-CRE TEL. COOP. INC.	\$569,823	2,334	\$244.14	\$0	0.000%
250306	C 3	MONROEVILLE TELEPHONE COMPANY	\$3,380,450	9,979	\$338.76	\$302,987	0.090%
250307	A 3	MOUNDVILLE TELEPHONE COMPANY	\$268,554	1,100	\$244.14	\$0	0.000%
250308	A 3	NEW HOPE TEL. COOP. INC. - AL	\$1,033,200	4,232	\$244.14	\$0	0.000%
250311	A 2	OAKMAN TEL. COMPANY INC.	\$478,026	1,958	\$244.14	\$0	0.000%
250312	A 3	ONEONTA TEL. COMPANY INC.	\$1,219,968	4,997	\$244.14	\$0	0.000%
250314	C 2	PEOPLES TELEPHONE COMPANY	\$3,542,858	9,908	\$357.58	\$379,105	0.113%
250315	A 3	PINE BELT TELEPHONE COMPANY	\$453,124	1,856	\$244.14	\$0	0.000%
250316	C 3	RAGLAND TEL. CO.	\$280,340	988	\$283.74	\$8,145	0.002%
250317	A 3	ROANOKE TEL. CO. INC.	\$916,502	3,754	\$244.14	\$0	0.000%
250318	C 3	SOUTHLAND TEL. CO. -AL	\$3,166,748	8,820	\$359.04	\$351,698	0.105%
250322	A 3	UNION SPRINGS TEL. COMPANY	\$875,730	3,587	\$244.14	\$0	0.000%
255181	C 1	SOUTH CENTRAL BELL-AL	\$352,979,065	1,420,487	\$248.49	\$0	0.000%
STATE TOTAL:		ALASKA	\$99,628,463	258,806	\$384.95	\$17,756,514	5.285%
613000	C 2	ANCHORAGE TELEPHONE UTILITY	\$23,833,855	118,036	\$201.92	\$0	0.000%
613001	C 3	ARCTIC SLOPE TEL. ASSOCIATION COOP. IN	\$1,193,642	1,262	\$945.83	\$396,796	0.118%
613002	A 3	BETTLES TELEPHONE CO. INC.	\$22,902	44	\$520.50	\$5,062	0.002%
613003	C 3	BRISTOL BAY TELEPHONE COOP. INC.	\$779,110	1,045	\$745.56	\$230,181	0.069%
613004	C 3	BUSH-TELL INC.	\$344,038	511	\$673.26	\$95,378	0.028%
613005	A 3	CIRCLE UTILITIES	\$11,930	18	\$662.78	\$3,271	0.001%
613006	C 3	COPPER VALLEY TEL. COOP. INC.	\$1,644,426	2,852	\$576.59	\$400,332	0.119%
613007	C 3	CORDOVA TELEPHONE COOPERATIVE, INC.	\$470,846	1,272	\$370.16	\$56,230	0.017%
613008	C 3	FAIRBANKS MUNICIPAL UTILITIES SYSTEM	\$9,749,552	25,115	\$388.20	\$1,321,363	0.393%
613009	C 2	GTE ALASKA INCORPORATED	\$2,774,404	11,989	\$231.41	\$0	0.000%
613010	C 2	GLACIER STATE TELEPHONE COMPANY	\$21,607,956	28,690	\$753.15	\$6,385,139	1.900%
613011	C 3	INTERIOR TELEPHONE COMPANY INC.	\$1,939,384	2,272	\$853.60	\$619,432	0.184%
613012	C 2	JUNEAU & DOUGLAS TELEPHONE COMPANY	\$5,105,139	14,471	\$352.78	\$518,695	0.154%
613013	C 3	KETCHIKAN PUBLIC UTILITIES	\$2,388,654	6,873	\$347.54	\$228,141	0.068%
613015	C 3	MATANUSKA TELEPHONE ASSOC., INC.	\$17,881,416	25,952	\$689.02	\$5,055,612	1.505%
613016	C 3	MUKLUK TEL. COMPANY, INC.	\$749,773	679	\$1,104.23	\$263,906	0.079%
613017	A 3	NATIONAL UTILITIES INC.	\$473,294	1,627	\$290.90	\$17,551	0.005%
613018	C 3	NUSHAGAK TELEPHONE COOPERATIVE, INC.	\$838,046	1,280	\$654.72	\$227,152	0.068%
613019	C 3	OTZ TELEPHONE COOPERATIVE, INC.	\$721,342	1,553	\$464.48	\$137,887	0.041%
613020	C 2	SITKA TELEPHONE COMPANY	\$4,486,361	7,308	\$613.90	\$1,166,585	0.347%
613022	C 2	TELEPHONE UTILITIES OF ALASKA	\$291,274	2,339	\$124.53	\$0	0.000%
613023	C 3	UNITED UTILITIES INC.	\$2,008,559	3,163	\$635.02	\$535,397	0.159%
613025	C 3	YUKON TELEPHONE COMPANY, INC.	\$252,765	322	\$784.98	\$77,443	0.023%
613026	A 3	NORTH COUNTRY TELEPHONE COMPANY	\$39,140	95	\$412.00	\$6,098	0.002%
613028	A 3	SUMMIT TEL & TEL CO OF ALASKA	\$20,655	38	\$543.55	\$8,863	0.003%

TABLE 3.6

National Exchange Carrier Association  
 Universal Service Fund  
 Individual Study Areas  
 Revised Data for 1988

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
STATE TOTAL:		ARIZONA	\$475,946,252	1,763,822	\$269.84	\$9,185,893	2.734%
452171	C 3	ARIZONA TEL. CO.	\$875,082	1,746	\$501.19	\$185,272	0.055%
452172	C 2	CITIZENS UTILITIES RURAL COMPANY INC.	\$18,892,050	39,718	\$475.65	\$3,699,235	1.101%
452173	C 3	PAPAGO TRIBAL UTILITY AUTHORITY	\$890,976	1,516	\$587.72	\$220,663	0.066%
452174	A 3	SOUTHWESTERN TEL. CO.	\$568,846	2,330	\$244.14	\$0	0.000%
452175	C 2	UNIVERSAL TEL CO OF SOUTHWEST - AZ	\$285,301	1,101	\$259.13	\$0	0.000%
452176	C 3	VALLEY TELEPHONE COOPERATIVE INC-AZ	\$1,320,348	1,820	\$725.47	\$385,669	0.115%
452177	C 2	CONTEL OF THE WEST - ARIZONA	\$12,114,958	22,964	\$527.56	\$2,699,275	0.803%
452275	C 2	NAVAJO COMMUNICATIONS CO. INC.- AZ	\$5,746,393	7,057	\$814.28	\$1,787,759	0.532%
452302	C 2	CONTEL OF CALIFORNIA - ARIZONA	\$1,832,152	5,033	\$364.03	\$208,020	0.062%
455101	C 1	MOUNTAIN BELL-ARIZONA	\$433,420,146	1,680,537	\$257.91	\$0	0.000%
STATE TOTAL:		ARKANSAS	\$315,630,042	963,196	\$327.69	\$13,848,696	4.122%
401691	C 2	ALLTEL ARKANSAS, INC.	\$19,478,314	56,827	\$342.77	\$1,817,043	0.541%
401692	C 3	ARKANSAS TELEPHONE COMPANY	\$1,815,560	5,660	\$320.77	\$132,692	0.039%
401697	C 3	CENTRAL ARKANSAS TEL. COOP INC.	\$657,471	2,026	\$324.52	\$49,257	0.015%
401698	C 2	CLEVELAND CTY TEL. CO.	\$1,470,929	2,223	\$661.69	\$402,877	0.120%
401699	C 2	DECATUR TELEPHONE CO INC- ARKANSAS	\$331,477	923	\$359.13	\$36,372	0.011%
401702	C 3	SOUTH ARKANSAS TEL. CO., INC.	\$1,018,041	3,261	\$312.19	\$65,240	0.019%
401704	A 3	LAVACA TELEPHONE-AR	\$287,109	1,176	\$244.14	\$0	0.000%
401705	C 2	LIBERTY TEL. & COMMUNICATIONS INC.	\$3,887,314	10,901	\$356.60	\$418,871	0.125%
401709	C 3	MADISON COUNTY TEL. CO. INC.	\$587,521	1,958	\$300.06	\$28,061	0.008%
401710	A 3	MAGAZINE TELEPHONE COMPANY	\$184,363	689	\$267.58	\$909	0.000%
401711	C 2	MOUNTAIN HOME TELEPHONE COMPANY INC.	\$3,692,472	13,910	\$265.45	\$4,260	0.001%
401712	A 3	MOUNTAIN VIEW TELEPHONE COMPANY	\$903,806	3,702	\$244.14	\$0	0.000%
401713	C 3	NORTHERN ARKANSAS TEL. CO., INC.	\$1,282,464	3,908	\$328.16	\$102,487	0.031%
401717	C 3	PERCO TELEPHONE COMPANY	\$601,208	2,039	\$294.85	\$25,131	0.007%
401718	A 3	PRAIRIE GROVE TELEPHONE COMPANY	\$1,513,424	6,199	\$244.14	\$0	0.000%
401720	C 2	REDFIELD TELEPHONE COMPANY INC.	\$601,358	1,318	\$456.27	\$111,247	0.033%
401721	A 3	RICE BELT TEL. CO., INC.	\$256,786	922	\$278.51	\$5,307	0.002%
401722	A 3	E. RITTER TELEPHONE COMPANY	\$907,224	3,716	\$244.14	\$0	0.000%
401724	A 3	SOUTHWEST ARKANSAS TEL. COOP. INC.	\$1,112,790	4,558	\$244.14	\$0	0.000%
401726	C 3	TRI-COUNTY TEL. CO. INC.-AR	\$1,656,550	4,325	\$383.02	\$220,548	0.066%
401727	C 2	UNION TELEPHONE COMPANY INC.	\$537,410	864	\$622.00	\$140,508	0.042%
401728	C 2	UTC OF ARKANSAS	\$3,805,063	16,791	\$226.61	\$0	0.000%
401729	C 3	WALNUT HILL TELEPHONE COMPANY	\$2,514,673	4,324	\$581.56	\$615,981	0.183%
401730	C 2	CONTEL OF ARKANSAS, INC.	\$25,903,160	64,499	\$401.61	\$3,850,993	1.146%
401733	C 3	YELCOT TEL. CO., INC.	\$852,311	2,609	\$326.68	\$65,991	0.020%
401734	C 3	YELL COUNTY TELEPHONE COMPANY	\$1,036,578	4,058	\$255.44	\$0	0.000%
402080	C 2	GTE SOUTHWEST INC. - ARKANSAS	\$24,842,120	61,987	\$400.76	\$3,640,961	1.084%
405211	C 1	SOUTHWESTERN BELL-ARKANSAS	\$213,892,546	677,823	\$315.56	\$2,113,960	0.629%
STATE TOTAL:		CALIFORNIA	\$3,412,697,387	16,130,663	\$211.57	\$21,508,132	6.401%
542301	C 3	CALAVERAS TELEPHONE COMPANY	\$803,704	1,658	\$484.74	\$162,795	0.048%
542302	C 2	CONTEL OF CALIFORNIA - CALIFORNIA	\$111,958,176	247,680	\$452.03	\$5,585,184	1.662%
542304	C 2	C P NATIONAL CORP. - CALIFORNIA	\$4,650,094	11,096	\$419.08	\$740,658	0.220%
542308	C 2	CITIZENS UTILITIES CO. OF CALIF.	\$29,178,985	55,130	\$529.28	\$6,539,796	1.946%
542311	C 3	CALIFORNIA-OREGON TELEPHONE CO	\$1,163,601	2,155	\$539.95	\$268,904	0.080%
542313	C 3	DUCOR TELEPHONE COMPANY	\$292,055	581	\$502.68	\$61,586	0.018%
542315	C 3	EVANS TELEPHONE COMPANY	\$2,780,876	7,643	\$363.85	\$323,060	0.096%
542318	C 3	FORESTHILL TELEPHONE COMPANY	\$542,414	1,806	\$300.34	\$26,413	0.008%
542319	C 2	GENERAL TEL CO OF CALIFORNIA	\$840,181,094	3,032,722	\$277.04	\$2,464,087	0.733%
542321	C 2	HAPPY VALLEY TELEPHONE COMPANY	\$1,661,945	2,518	\$660.03	\$454,200	0.135%
542322	C 2	HORNITOS TELEPHONE COMPANY	\$366,341	407	\$900.10	\$119,984	0.036%
542323	C 2	WINTERHAVEN TELEPHONE COMPANY	\$668,963	1,168	\$572.74	\$162,973	0.049%
542324	C 3	KERMAN TELEPHONE COMPANY	\$1,285,304	4,037	\$318.38	\$90,000	0.027%
542332	C 3	THE PONDEROSA TELEPHONE COMPANY	\$4,031,464	5,444	\$740.53	\$1,192,508	0.355%
542334	C 2	ROSEVILLE TELEPHONE COMPANY	\$13,166,807	62,604	\$210.32	\$0	0.000%
542338	C 3	SIERRA TELEPHONE COMPANY, INC.	\$5,950,165	11,113	\$535.42	\$1,350,368	0.402%



TABLE 3.6

National Exchange Carrier Association  
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 Individual Study Areas  
 Revised Data for 1988

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
CALIFORNIA (CONT.)							
542339	C 3	THE SISKIYOU TELEPHONE CO.	\$1,772,048	3,129	\$566.33	\$424,488	0.126%
542342	C 2	TUOLUMNE TELEPHONE COMPANY	\$3,419,999	4,137	\$826.69	\$1,071,767	0.319%
542343	C 3	THE VOLCANO TELEPHONE COMPANY	\$2,553,777	7,496	\$340.69	\$235,702	0.070%
542344	C 2	WEST COAST TEL. CO. OF CALIFORNIA	\$2,871,166	8,871	\$323.66	\$209,577	0.062%
542346	C 3	PINNACLES TELEPHONE COMPANY	\$83,496	117	\$713.64	\$24,082	0.007%
545170	C 1	PACIFIC BELL	\$2,383,314,913	12,659,151	\$188.27	\$0	0.000%
STATE TOTAL:		COLORADO	\$391,625,251	1,756,770	\$222.92	\$1,604,579	0.478%
461835	C 3	SUNFLOWER TELEPHONE CO., INC. - CO	\$171,965	292	\$588.92	\$43,251	0.013%
462178	A 3	AGATE TELEPHONE CO.	\$37,731	90	\$419.23	\$6,082	0.002%
462181	C 3	BIJOU TEL COOPERATIVE ASSOC. INC	\$241,173	954	\$252.80	\$0	0.000%
462182	C 3	BLANCA TELEPHONE CO.	\$264,567	464	\$570.19	\$64,189	0.019%
462184	C 3	DELTA COUNTY TELE-COMM INC.	\$1,446,782	5,930	\$243.98	\$0	0.000%
462185	C 2	EAGLE TELECOMMUNICATIONS INC.	\$2,703,323	5,232	\$516.69	\$590,137	0.176%
462186	C 3	EASTERN SLOPE RURAL TEL ASSN INC	\$1,066,822	3,777	\$282.45	\$29,319	0.009%
462187	C 1	EL PASO COUNTY MUTUAL TEL CO	\$761,696	1,845	\$412.84	\$120,340	0.036%
462188	C 3	FARMERS TEL CO, INC. - COLORADO	\$212,509	280	\$758.96	\$63,511	0.019%
462190	C 3	HAXTUN TELEPHONE COMPANY	\$460,210	1,211	\$380.02	\$59,483	0.018%
462192	C 3	BIG SANDY TELECOM INC.	\$431,116	643	\$670.48	\$119,698	0.036%
462193	C 3	NUCLA-NATURITA TEL. CO.	\$425,351	1,047	\$406.26	\$65,339	0.019%
462194	C 3	NUNN TEL. COMPANY	\$150,631	261	\$577.13	\$36,705	0.011%
462196	C 3	PEETZ COOP. TEL. CO.	\$80,806	182	\$443.99	\$14,477	0.004%
462197	A 3	PHILLIPS COUNTY TEL. CO.	\$391,601	1,604	\$244.14	\$0	0.000%
462198	A 3	PINE DRIVE TEL. CO.	\$123,779	507	\$244.14	\$0	0.000%
462199	C 3	PLAINS COOPERATIVE TEL. ASSOC. INC.	\$409,382	1,331	\$307.57	\$23,692	0.007%
462201	A 3	RICO TEL. CO.	\$35,708	83	\$430.22	\$6,036	0.002%
462202	A 3	ROGGEN TELEPHONE COOPERATIVE CO.	\$57,009	166	\$343.43	\$5,334	0.002%
462203	C 3	THE RYE TELEPHONE CO. INC.	\$620,820	1,269	\$489.22	\$128,605	0.038%
462204	C 3	COLUMBINE TELEPHONE COMPANY	\$384,737	626	\$614.60	\$99,902	0.030%
462206	A 3	STONEHAM COOPERATIVE TEL. CO.	\$31,015	68	\$456.10	\$5,771	0.002%
462207	C 3	STRASBURG TEL. CO.	\$196,067	869	\$225.62	\$0	0.000%
462208	C 2	UNIVERSAL TEL. CO. OF COLORADO	\$1,175,494	3,772	\$311.64	\$70,678	0.021%
462209	C 3	WIGGINS TEL. ASSOC.	\$402,254	1,096	\$367.02	\$46,635	0.014%
462210	A 3	WILLARD TEL. CO.	\$26,089	53	\$492.25	\$5,395	0.002%
465102	C 1	MOUNTAIN BELL-COLORADO	\$379,316,614	1,723,118	\$220.13	\$0	0.000%
STATE TOTAL:		CONNECTICUT	\$346,959,616	1,816,037	\$191.05	\$0	0.000%
132454	A 3	THE WOODBURY TEL. CO.	\$3,701,651	15,162	\$244.14	\$0	0.000%
135200	C 2	SOUTHERN NEW ENGLAND TEL.	\$343,257,965	1,800,875	\$190.61	\$0	0.000%
STATE TOTAL:		DELAWARE	\$73,490,307	379,900	\$193.45	\$0	0.000%
565010	C 1	DIAMOND STATE TEL. CO.	\$73,490,307	379,900	\$193.45	\$0	0.000%
STATE TOTAL:		DISTRICT OF COLUMBIA	\$67,627,265	792,735	\$85.31	\$0	0.000%
575020	C 1	C & P TELEPHONE CO. OF WASHINGTON DC	\$67,627,265	792,735	\$85.31	\$0	0.000%
STATE TOTAL:		FLORIDA	\$2,127,031,037	6,968,845	\$305.22	\$22,483,572	6.692%
210291	C 3	FLORALA TELEPHONE COMPANY- FLORIDA	\$1,032,265	2,689	\$383.88	\$135,542	0.040%
210318	C 3	SOUTHLAND TELEPHONE COMPANY-FL	\$1,081,772	2,864	\$377.71	\$137,579	0.041%
210328	C 2	GTE FLORIDA INCORPORATED	\$446,868,031	1,576,779	\$283.41	\$1,990,683	0.592%
210329	C 3	GULF TEL. CO. - FL	\$1,792,043	7,040	\$254.55	\$0	0.000%
210330	C 3	VISTA-UNITED TELECOMMUNICATIONS SYSTE	\$2,301,217	9,141	\$251.75	\$0	0.000%
210331	C 3	INDIANTOWN TELEPHONE SYSTEM	\$1,158,545	2,013	\$575.53	\$285,104	0.085%
210335	C 3	NORTHEAST FLORIDA TEL. CO., INC.	\$2,134,619	4,865	\$438.77	\$370,227	0.110%
210336	C 2	ALLTEL FLORIDA INC.	\$19,334,645	46,100	\$419.41	\$3,094,174	0.921%

TABLE 3.6

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FLORIDA (CONT.)							
210338	C 2	QUINCY TELEPHONE CO-FL DIV.	\$2,493,691	8,195	\$304.29	\$134,142	0.040%
210339	C 3	ST. JOSEPH TEL. AND TELE. CO.	\$7,298,752	20,241	\$360.59	\$828,363	0.247%
210340	C 2	CENTRAL TELEPHONE COMPANY OF FLORIDA	\$53,229,971	239,795	\$221.98	\$0	0.000%
210341	C 2	UNITED TELEPHONE CO. OF FLORIDA	\$286,678,831	922,832	\$310.65	\$2,664,677	0.793%
215191	C 1	SOUTHERN BELL-FLORIDA	\$1,301,626,655	4,126,291	\$315.45	\$12,843,081	3.822%
STATE TOTAL: GEORGIA			\$924,736,712	3,050,367	\$303.16	\$20,904,388	6.222%
220281	C 2	CONTEL OF THE SOUTH, INC. - GA	\$18,298,234	59,216	\$309.01	\$1,109,560	0.330%
220324	A 3	VALLEY TEL. CO. - GA	\$958,005	3,924	\$244.14	\$0	0.000%
220338	C 2	QUINCY TELEPHONE CO-GA DIV.	\$187,634	566	\$331.51	\$15,395	0.005%
220344	C 3	ALMA TELEPHONE CO INC	\$1,850,330	5,160	\$358.59	\$205,723	0.061%
220346	A 2	BLUE RIDGE TELEPHONE COMPANY	\$1,302,731	5,336	\$244.14	\$0	0.000%
220347	C 3	BRANTLEY TELEPHONE COMPANY INC.	\$1,103,208	2,980	\$370.20	\$132,629	0.039%
220348	A 3	BULLOCH COUNTY RURAL TEL. COOP INC.	\$1,300,534	5,327	\$244.14	\$0	0.000%
220351	C 3	CAMDEN TEL & TEL CO INC - GEORGIA	\$3,388,974	9,862	\$343.64	\$313,550	0.093%
220354	A 3	CHICKAMAUGA TEL. CORP.	\$927,488	3,799	\$244.14	\$0	0.000%
220355	C 3	CITIZENS TELEPHONE CO INC - GEORGIA	\$1,285,859	3,781	\$340.08	\$115,557	0.034%
220356	C 3	COASTAL UTILITIES INC	\$4,537,256	19,776	\$229.43	\$0	0.000%
220357	C 2	ALLTEL GEORGIA INC.	\$12,818,368	34,602	\$370.45	\$1,525,083	0.454%
220358	C 3	DARIEN TELEPHONE CO. INC.	\$1,012,816	3,458	\$292.89	\$38,773	0.012%
220360	C 3	ELLIJAY TEL. CO.	\$2,065,103	6,454	\$319.97	\$143,561	0.043%
220362	A 3	FAIRMOUNT TELEPHONE CO. INC.	\$370,116	1,516	\$244.14	\$0	0.000%
220364	A 3	GEORGIA TELEPHONE CORPORATION	\$1,167,966	4,784	\$244.14	\$0	0.000%
220365	A 3	GLENWOOD TEL. CO. INC.	\$172,119	705	\$244.14	\$0	0.000%
220368	A 3	HART COUNTY TELEPHONE COMPANY	\$1,579,830	6,471	\$244.14	\$0	0.000%
220369	A 3	HAWKINSVILLE TELEPHONE CO.	\$829,344	3,397	\$244.14	\$0	0.000%
220371	C 3	INTERSTATE TELEPHONE COMPANY	\$1,280,434	9,373	\$136.61	\$0	0.000%
220375	A 3	NELSON-BALL GROUND TEL. CO.	\$834,959	3,420	\$244.14	\$0	0.000%
220376	A 3	PEMBROKE TELEPHONE CO. INC.	\$625,975	2,564	\$244.14	\$0	0.000%
220377	C 3	PINELAND TELEPHONE COOP	\$2,314,916	8,536	\$271.19	\$26,782	0.008%
220378	A 3	PLANTERS RURAL TEL. COOP INC.	\$1,256,100	5,145	\$244.14	\$0	0.000%
220379	C 3	PLANT TELEPHONE COMPANY	\$2,793,651	7,161	\$390.12	\$391,214	0.116%
220380	A 3	PROGRESSIVE RURAL TEL. COOP INC.	\$848,142	3,474	\$244.14	\$0	0.000%
220381	C 3	PUBLIC SERVICE TELEPHONE CO.	\$3,004,370	7,511	\$400.00	\$442,680	0.132%
220382	A 3	RINGGOLD TEL. COMPANY	\$1,879,634	7,699	\$244.14	\$0	0.000%
220386	C 3	STANDARD TEL. CO.	\$12,260,286	33,139	\$369.97	\$1,458,737	0.434%
220387	A 3	STATESBORO TEL. CO.	\$3,137,199	12,850	\$244.14	\$0	0.000%
220389	A 3	TRENTON TELEPHONE COMPANY	\$1,072,507	4,393	\$244.14	\$0	0.000%
220392	C 3	WAVERLY HALL TEL. CO., INC.	\$262,416	930	\$282.17	\$6,312	0.002%
220394	C 3	WILKES TEL & ELECTRIC CO.	\$1,526,034	8,727	\$174.86	\$0	0.000%
220395	A 3	WILKINSON COUNTY TEL. CO. INC.	\$824,461	3,377	\$244.14	\$0	0.000%
220479	C 2	GTE SOUTH INC. - GEORGIA	\$73,975,713	191,453	\$386.39	\$9,859,830	2.935%
225192	C 1	SOUTHERN BELL-GEORGIA	\$761,684,000	2,559,501	\$297.59	\$5,119,002	1.524%
STATE TOTAL: HAWAII			\$87,471,937	544,748	\$160.57	\$0	0.000%
623100	C 2	GTE HAWAIIAN TEL. CO. INC.	\$87,471,937	544,748	\$160.57	\$0	0.000%
STATE TOTAL: IDAHO			\$122,007,774	445,158	\$274.08	\$6,919,306	2.059%
472177	C 2	CONTEL OF THE WEST - IDAHO	\$6,134,087	12,774	\$480.20	\$1,214,967	0.362%
472213	C 3	ALBION TEL. CO. INC.	\$553,576	896	\$617.83	\$144,189	0.043%
472215	C 3	CAMBRIDGE TEL. CO., INC.-ID	\$447,407	815	\$548.97	\$104,025	0.031%
472218	C 3	CUSTER TEL. COOPERATIVE INC.	\$420,216	1,403	\$299.51	\$20,580	0.006%
472220	A 3	FILER MUTUAL TELEPHONE COMPANY - ID	\$391,845	1,605	\$244.14	\$0	0.000%
472221	A 3	FARMERS MUTUAL TEL CO LTD. - ID	\$435,546	1,784	\$244.14	\$0	0.000%
472223	C 2	GEM STATE UTILITIES CORP-ID	\$797,936	869	\$918.22	\$261,656	0.078%
472225	C 2	CENTURY TELEPHONE OF IDAHO	\$1,269,032	2,407	\$527.23	\$286,313	0.085%
472226	C 3	MIDVALE TEL. EXCH. INC.	\$202,087	253	\$798.76	\$62,107	0.018%

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IDAHO (CONT.)								
472227	A 3	MUD LAKE TEL. COOP. INC. ASSOC.	\$343,465	1,098	\$312.81	\$21,624	0.006%	
472230	A 2	POTLATCH TELEPHONE COMPANY INC.	\$171,958	619	\$277.80	\$3,385	0.001%	
472231	C 3	PROJECT MUTUAL TEL. COOP. ASSN.	\$1,168,375	6,089	\$191.88	\$0	0.000%	
472232	C 3	ROCKLAND TEL. CO., INC.	\$300,579	328	\$916.40	\$98,767	0.029%	
472233	C 3	RURAL TELEPHONE COMPANY - ID	\$191,164	257	\$743.83	\$56,795	0.017%	
472234	C 2	TROY TELEPHONE COMPANY	\$221,616	633	\$350.10	\$22,737	0.007%	
472295	C 3	SILVER STAR TEL. CO. INC.-ID	\$211,601	310	\$682.58	\$58,704	0.017%	
472416	C 2	GTE NORTHWEST INC. - IDAHO	\$27,934,554	66,638	\$419.20	\$4,498,065	1.339%	
472423	C 3	INLAND TELEPHONE COMPANY - ID	\$207,872	251	\$828.18	\$65,392	0.019%	
475103	C 1	MOUNTAIN BELL-IDAHO	\$75,628,437	323,016	\$234.13	\$0	0.000%	
475162	C 1	PACIFIC NORTHWEST BELL-IDAHO	\$4,976,421	23,113	\$215.31	\$0	0.000%	
STATE TOTAL:			ILLINOIS	\$945,314,690	6,064,742	\$155.87	\$1,038,121	0.309%
340976	A 3	ADAMS TELEPHONE COOPERATIVE	\$1,111,535	3,989	\$278.65	\$23,186	0.007%	
340978	A 3	ALHAMBRA-GRANTFORK TELEPHONE COMPANY	\$228,271	935	\$244.14	\$0	0.000%	
340983	A 3	CAMBRIDGE TELEPHONE COMPANY - IL	\$386,474	1,583	\$244.14	\$0	0.000%	
340984	A 3	CASS COUNTY TELEPHONE COMPANY	\$699,217	2,864	\$244.14	\$0	0.000%	
340985	C 2	CENTRAL TEL. CO. OF IL	\$28,232,897	169,498	\$166.57	\$0	0.000%	
340990	A 3	CLARKSVILLE MUTUAL TELEPHONE COMPANY	\$54,504	155	\$351.64	\$5,564	0.002%	
340993	A 3	CROSSVILLE TELEPHONE COMPANY	\$163,086	668	\$244.14	\$0	0.000%	
340998	A 3	DEPUÉ TELEPHONE COMPANY	\$187,744	769	\$244.14	\$0	0.000%	
341000	C 2	ALLTEL ILLINOIS INC.	\$6,815,110	39,144	\$174.10	\$0	0.000%	
341003	A 3	EGYPTIAN TELEPHONE COOPERATIVE ASSN.	\$668,198	2,546	\$262.45	\$0	0.000%	
341004	C 3	EL PASO TELEPHONE COMPANY	\$356,425	1,505	\$236.83	\$0	0.000%	
341009	A 3	C-R TELEPHONE COMPANY	\$214,264	870	\$246.28	\$0	0.000%	
341011	A 2	LAKESIDE TEL. CO.	\$196,566	761	\$258.30	\$0	0.000%	
341012	A 3	FLAT ROCK MUTUAL TELEPHONE COMPANY	\$112,549	461	\$244.14	\$0	0.000%	
341015	C 2	GTE NORTH INC. - ILLINOIS	\$107,197,504	542,576	\$197.57	\$0	0.000%	
341016	A 3	GENESEO TELEPHONE COMPANY	\$1,516,354	6,211	\$244.14	\$0	0.000%	
341017	A 3	GLASFORD TELEPHONE COMPANY	\$256,103	1,049	\$244.14	\$0	0.000%	
341020	A 3	GRAFTON TELEPHONE COMPANY	\$177,734	728	\$244.14	\$0	0.000%	
341021	A 3	THE GRANDVIEW MUTUAL TELEPHONE CO.	\$40,814	101	\$404.10	\$6,109	0.002%	
341023	C 3	GRIDLEY TELEPHONE COMPANY	\$207,471	1,077	\$192.64	\$0	0.000%	
341024	A 3	HAMILTON COUNTY TELEPHONE COOP.	\$615,014	2,240	\$274.56	\$9,296	0.003%	
341025	A 3	SHAWNEE TELEPHONE COMPANY	\$908,748	3,571	\$254.48	\$0	0.000%	
341026	A 3	HARRISONVILLE TELEPHONE COMPANY	\$3,369,620	13,802	\$244.14	\$0	0.000%	
341029	A 3	HENRY COUNTY TEL. CO.	\$345,702	1,416	\$244.14	\$0	0.000%	
341032	A 3	HOME TELEPHONE COMPANY - ST JACOB	\$183,349	751	\$244.14	\$0	0.000%	
341036	C 2	CONTEL OF ILLINOIS, INC.	\$43,154,643	156,767	\$275.28	\$701,532	0.209%	
341037	C 2	ILLINOIS CONSOLIDATED TELEPHONE CO.	\$19,272,414	71,662	\$268.93	\$140,637	0.042%	
341038	C 2	INLAND TEL. CO.	\$1,073,302	4,085	\$262.74	\$0	0.000%	
341041	A 3	KINSMAN MUTUAL TELEPHONE COMPANY	\$33,195	75	\$442.60	\$5,890	0.002%	
341043	A 3	LA HARPE TELEPHONE COMPANY	\$264,159	1,082	\$244.14	\$0	0.000%	
341045	C 3	LEAF RIVER VALLEY TELEPHONE COMPANY	\$223,715	542	\$412.76	\$35,203	0.010%	
341046	A 3	LEONORE MUTUAL TELEPHONE COMPANY	\$50,943	140	\$363.88	\$5,828	0.002%	
341047	A 3	MCDONOUGH TELEPHONE COOPERATIVE INC.	\$1,142,257	4,345	\$262.89	\$0	0.000%	
341048	A 3	MENABB TELEPHONE COMPANY	\$101,354	399	\$254.02	\$0	0.000%	
341049	A 3	MADISON TELEPHONE COMPANY	\$309,700	1,232	\$251.38	\$0	0.000%	
341050	A 3	MARSEILLES TEL. CO. OF MARS.	\$746,092	3,056	\$244.14	\$0	0.000%	
341053	A 3	METAMORA TELEPHONE COMPANY	\$642,088	2,630	\$244.14	\$0	0.000%	
341054	A 3	MID CENTURY TEL. COOP. INC.	\$1,133,444	4,111	\$275.71	\$18,988	0.006%	
341055	C 2	MIDLAND TELEPHONE COMPANY	\$1,231,639	3,944	\$312.28	\$76,785	0.023%	
341058	A 3	MONTROSE MUTUAL TELEPHONE COMPANY	\$359,750	1,327	\$271.10	\$3,641	0.001%	
341060	C 3	MOULTRIE INDEPENDENT TELEPHONE COMPAN	\$117,541	660	\$178.09	\$0	0.000%	
341061	A 2	MT. PULASKI TELEPHONE & ELECTRIC CO.	\$436,522	1,788	\$244.14	\$0	0.000%	
341062	A 3	NEW WINDSOR TELEPHONE COMPANY	\$138,183	566	\$244.14	\$0	0.000%	
341065	A 3	ODIN TELEPHONE EXCHANGE INC.	\$268,554	1,100	\$244.14	\$0	0.000%	
341066	A 3	ONEIDA TELEPHONE EXCHANGE	\$121,338	497	\$244.14	\$0	0.000%	
341067	A 3	ORION TELEPHONE EXCHANGE ASSOCIATION	\$403,319	1,652	\$244.14	\$0	0.000%	

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ILLINOIS (CONT.)							
341073	A 2	PRAIRIE TEL. CO.	\$224,365	919	\$244.14	\$0	0.000%
341075	A 3	REYNOLDS TELEPHONE COMPANY	\$126,709	519	\$244.14	\$0	0.000%
341079	A 3	SCHUYLER TELEPHONE COMPANY - IL	\$646,727	2,649	\$244.14	\$0	0.000%
341086	A 3	TONICA TELEPHONE COMPANY	\$114,990	471	\$244.14	\$0	0.000%
341087	A 3	VIOLA HOME TELEPHONE COMPANY	\$171,142	701	\$244.14	\$0	0.000%
341088	A 3	WABASH TELEPHONE COOPERATIVE INC.	\$1,098,874	4,501	\$244.14	\$0	0.000%
341091	A 3	WOODHULL COMMUNITY TELEPHONE COMPANY	\$155,761	638	\$244.14	\$0	0.000%
341092	A 3	STELLE TEL. CO.	\$26,781	55	\$486.93	\$5,462	0.002%
341093	A 3	YATES CITY TELEPHONE COMPANY	\$122,558	502	\$244.14	\$0	0.000%
345070	C 1	ILLINOIS BELL TEL CO	\$717,157,378	4,992,857	\$143.64	\$0	0.000%
STATE TOTAL: INDIANA			\$543,401,531	2,500,846	\$217.29	\$1,816,884	0.541%
320742	A 3	BLOOMINGDALE HOME TEL. CO. INC.	\$138,672	568	\$244.14	\$0	0.000%
320744	A 3	CAMDEN TELEPHONE CO INC - INDIANA	\$364,989	1,495	\$244.14	\$0	0.000%
320747	A 2	CENTRAL INDIANA TELEPHONE CO. INC.	\$576,170	2,360	\$244.14	\$0	0.000%
320750	A 2	CITIZEN'S TEL CO, INC. FAIRMOUNT	\$523,192	2,143	\$244.14	\$0	0.000%
320751	A 3	CITIZENS TELEPHONE CORP - WARREN	\$358,398	1,468	\$244.14	\$0	0.000%
320753	C 3	CLAY CTY RURAL TEL. COOP. INC.	\$1,435,357	7,887	\$181.99	\$0	0.000%
320756	A 3	CRAIGVILLE TELEPHONE CO INC.	\$144,775	593	\$244.14	\$0	0.000%
320759	A 3	DAVLESS-MARTIN CTY RURAL TEL CORP	\$564,452	2,312	\$244.14	\$0	0.000%
320762	A 2	ELNORA TELEPHONE COMPANY INC.	\$104,561	419	\$249.55	\$0	0.000%
320771	A 3	GEETINGSVILLE TELEPHONE CO INC.	\$104,723	420	\$249.34	\$0	0.000%
320772	C 2	GTE NORTH INC. - INDIANA	\$122,777,682	545,380	\$225.12	\$0	0.000%
320775	A 3	HANCOCK RURAL TELEPHONE CORP.	\$1,147,946	4,702	\$244.14	\$0	0.000%
320776	C 2	COMMUNICATIONS CORP OF INDIANA	\$1,954,521	7,313	\$267.27	\$10,832	0.003%
320777	A 2	HOME TELEPHONE COMPANY OF PITTSBORO	\$358,153	1,467	\$244.14	\$0	0.000%
320778	A 2	HOME TELEPHONE COMPANY INC.	\$453,612	1,858	\$244.14	\$0	0.000%
320779	C 2	CONTEL OF INDIANA, INC.	\$38,697,560	133,555	\$289.75	\$1,338,054	0.398%
320783	A 3	LIGONIER TELEPHONE COMPANY	\$495,604	2,030	\$244.14	\$0	0.000%
320784	A 3	LIBERTY CENTER TELEPHONE COMPANY	\$135,742	556	\$244.14	\$0	0.000%
320788	C 3	MERCHANTS & FARMERS TELEPHONE CO	\$215,212	533	\$403.77	\$32,460	0.010%
320790	A 3	MONON TELEPHONE CO. INC.	\$333,739	1,367	\$244.14	\$0	0.000%
320792	A 3	MULBERRY COOP. TELEPHONE CO INC.	\$445,556	1,825	\$244.14	\$0	0.000%
320796	A 3	NEW LISBON TELEPHONE COMPANY INC.	\$185,791	761	\$244.14	\$0	0.000%
320797	C 3	NEW PARIS TELEPHONE INC.	\$341,600	1,506	\$226.83	\$0	0.000%
320800	C 3	NORTHWESTERN INDIANA TEL. CO. INC.	\$1,852,283	7,700	\$240.56	\$0	0.000%
320801	A 2	ODON TEL. CO.	\$351,317	1,439	\$244.14	\$0	0.000%
320807	A 3	PERRY-SPENCER RURAL TEL. COOP. INC.	\$950,193	3,892	\$244.14	\$0	0.000%
320809	A 2	POSEYVILLE TELEPHONE CO. INC.	\$192,871	790	\$244.14	\$0	0.000%
320813	A 3	PULASKI-WHITE RURAL TEL. COOP. INC.	\$384,521	1,575	\$244.14	\$0	0.000%
320815	A 3	ROCHESTER TELEPHONE CO. INC.	\$1,267,331	5,191	\$244.14	\$0	0.000%
320816	A 3	S & W TEL. CO., INC.	\$110,840	454	\$244.14	\$0	0.000%
320818	A 3	SMITHVILLE TEL. CO., INC.	\$5,131,579	21,019	\$244.14	\$0	0.000%
320819	A 3	SOUTHEASTERN IND. RURAL TEL. COOP INC	\$745,115	3,052	\$244.14	\$0	0.000%
320825	A 3	SUNMAN TEL. CO. INC.	\$772,459	3,164	\$244.14	\$0	0.000%
320826	A 3	SWAYZEE TEL. CO. INC.	\$230,712	945	\$244.14	\$0	0.000%
320827	A 3	SWEETSER RURAL TEL. CO. INC.	\$330,566	1,354	\$244.14	\$0	0.000%
320828	A 2	THORNTOWN TELEPHONE CO. INC.	\$489,745	2,006	\$244.14	\$0	0.000%
320829	A 3	TIPTON TELEPHONE COMPANY INC.	\$978,513	4,008	\$244.14	\$0	0.000%
320830	A 3	TRI-COUNTY TEL. CO. INC.-IN	\$624,754	2,559	\$244.14	\$0	0.000%
320831	A 2	ALLTEL INDIANA INC.	\$2,043,452	8,370	\$244.14	\$0	0.000%
320832	C 2	UNITED TELEPHONE CO. OF INDIANA INC.	\$47,139,187	174,215	\$270.58	\$435,538	0.130%
320833	A 2	WADESVILLE TELEPHONE COMPANY INC.	\$112,793	462	\$244.14	\$0	0.000%
320834	A 3	WASH. CTY. RURAL TEL. COOP. INC.	\$535,643	2,194	\$244.14	\$0	0.000%
320837	A 3	WEST POINT TELEPHONE CO. INC.	\$143,310	587	\$244.14	\$0	0.000%
320839	A 3	YEOMAN TELEPHONE COMPANY INC.	\$262,695	1,076	\$244.14	\$0	0.000%
325080	C 1	INDIANA BELL TEL CO	\$306,893,645	1,532,276	\$200.29	\$0	0.000%

TABLE 3.6

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STATE TOTAL:		IOWA	\$269,670,794	1,321,918	\$204.00	\$1,054,356	0.314%
351096	A 3	AMANA SOCIETY SERVICE CO.	\$246,826	1,011	\$244.14	\$0	0.000%
351097	A 3	ANDREW TELEPHONE CO. INC.	\$86,025	310	\$277.50	\$1,657	0.000%
351098	A 3	ARCADIA TELEPHONE COOP	\$87,184	316	\$275.90	\$1,483	0.000%
351101	A 3	ATKINS TELEPHONE COMPANY	\$134,277	550	\$244.14	\$0	0.000%
351105	C 3	AYRSHIRE FMRS. MUT. TEL. CO.	\$89,220	388	\$229.95	\$0	0.000%
351107	A 3	BALDWIN-NASHVILLE TELEPHONE CO. INC.	\$84,061	299	\$281.14	\$2,041	0.001%
351108	A 3	BARNES CITY COOP TELEPHONE CO.	\$58,626	173	\$338.88	\$5,239	0.002%
351110	C 3	BERNARD TELEPHONE COMPANY INC.	\$181,749	454	\$400.33	\$27,058	0.008%
351112	A 3	BREDA TELEPHONE COOPERATIVE	\$273,979	1,019	\$268.87	\$1,872	0.001%
351113	A 3	BROOKLYN MUTUAL TELEPHONE COMPANY	\$282,958	1,159	\$244.14	\$0	0.000%
351114	A 3	THE BURT TELEPHONE COMPANY	\$107,739	439	\$245.42	\$0	0.000%
351115	A 3	BUTLER-BREMER MUT. TELEPHONE COMPANY	\$462,157	1,893	\$244.14	\$0	0.000%
351118	A 3	CASCADE TELEPHONE COMPANY	\$342,528	1,403	\$244.14	\$0	0.000%
351119	A 3	CASEY MUTUAL TELEPHONE CO.	\$108,758	445	\$244.40	\$0	0.000%
351121	A 3	CENTER JUNCTION TEL. CO., INC.	\$51,122	141	\$362.57	\$5,784	0.002%
351125	A 3	CENTRAL SCOTT TELEPHONE	\$936,033	3,834	\$244.14	\$0	0.000%
351126	A 2	CHESTER TELEPHONE COMPANY- IOWA	\$64,365	199	\$323.44	\$4,778	0.001%
351127	A 2	CENTRAL TELEPHONE COMPANY - IOWA	\$11,687,714	47,873	\$244.14	\$0	0.000%
351129	A 3	THE CITIZENS MUTUAL TELEPHONE COMPANY	\$815,428	3,340	\$244.14	\$0	0.000%
351130	A 3	CLARENCE TELEPHONE COMPANY INC.	\$187,255	767	\$244.14	\$0	0.000%
351132	A 3	CLEAR LAKE INDP TELEPHONE CO	\$1,422,848	5,828	\$244.14	\$0	0.000%
351133	A 3	C-M-L TEL COOP ASSN	\$251,821	770	\$327.04	\$19,616	0.006%
351134	A 3	COLO TELEPHONE COMPANY	\$138,427	567	\$244.14	\$0	0.000%
351136	A 3	COON CREEK TELEPHONE COMPANY	\$134,033	549	\$244.14	\$0	0.000%
351137	A 3	COON VALLEY COOP TEL. ASSN. INC.	\$176,475	644	\$274.03	\$2,536	0.001%
351139	A 3	COOPERATIVE TELEPHONE COMPANY	\$360,515	1,331	\$270.86	\$3,527	0.001%
351141	A 3	CORN BELT TELEPHONE COMPANY	\$177,246	726	\$244.14	\$0	0.000%
351146	A 3	CUMBERLAND TEL. CO.	\$103,974	415	\$250.54	\$0	0.000%
351147	A 3	DANVILLE MUT. TELEPHONE COMPANY	\$202,636	830	\$244.14	\$0	0.000%
351148	A 3	DEEP RIVER MUT. TELEPHONE COMPANY	\$84,956	304	\$279.46	\$1,868	0.001%
351149	A 3	DEFIANCE TELEPHONE COMPANY	\$75,417	253	\$298.09	\$3,469	0.001%
351150	A 3	DIXON TELEPHONE COMPANY	\$136,963	561	\$244.14	\$0	0.000%
351152	A 3	DUMONT TELEPHONE COMPANY	\$135,742	556	\$244.14	\$0	0.000%
351153	A 3	DUNKERTON TELEPHONE COOP., INC.	\$146,240	599	\$244.14	\$0	0.000%
351156	A 3	EAST BUCHANAN TELEPHONE COOP	\$336,181	1,377	\$244.14	\$0	0.000%
351157	A 3	ELLSWORTH COOP TELEPHONE ASSN.	\$169,199	604	\$280.13	\$3,873	0.001%
351160	A 3	FARMERS & BUSINESSMEN'S TEL. CO.	\$245,849	1,007	\$244.14	\$0	0.000%
351162	A 3	FARMERS COOP TELEPHONE CO - DYSART	\$289,794	1,187	\$244.14	\$0	0.000%
351166	A 3	FARMERS & MERCHANTS MUTUAL TEL. CO.	\$170,166	697	\$244.14	\$0	0.000%
351168	A 3	FARMERS MUTUAL COOP TEL CO- HARLAN	\$522,415	1,744	\$299.55	\$24,950	0.007%
351169	A 3	FARMERS MUTUAL COOP TEL CO- MOULTON	\$134,765	552	\$244.14	\$0	0.000%
351171	A 3	FARMERS MUTUAL TEL CO- JESUP	\$421,386	1,726	\$244.14	\$0	0.000%
351172	A 3	FARMERS MUTUAL TEL CO - NORA SPRINGS	\$556,151	2,278	\$244.14	\$0	0.000%
351173	A 3	FARMERS MUTUAL TEL CO - SHELLSBURG	\$386,718	1,584	\$244.14	\$0	0.000%
351174	A 3	FARMERS MUTUAL TEL CO - STANTON	\$284,327	1,079	\$263.51	\$0	0.000%
351175	A 3	FARMERS TELEPHONE COMPANY- BATAVIA	\$98,241	380	\$258.53	\$0	0.000%
351176	A 3	FARMERS TELEPHONE COMPANY- ESSEX	\$166,503	682	\$244.14	\$0	0.000%
351177	A 3	FARMERS TEL. CO.-RICEVILLE	\$415,076	1,656	\$250.65	\$0	0.000%
351179	A 3	FENTON CO-OP TELEPHONE COMPANY	\$96,664	371	\$260.55	\$0	0.000%
351186	C 2	GTE NORTH INC. - IOWA	\$25,239,413	103,503	\$243.85	\$0	0.000%
351187	A 3	MID-IOWA TELEPHONE CO.	\$263,671	1,080	\$244.14	\$0	0.000%
351188	A 3	GOLDFIELD TEL. CO.	\$142,578	584	\$244.14	\$0	0.000%
351189	A 3	RIVER VALLEY TEL. COOP.	\$221,923	909	\$244.14	\$0	0.000%
351191	A 3	GRAND MOUND COOP TELEPHONE ASSN.	\$132,568	543	\$244.14	\$0	0.000%
351195	A 3	GRISWOLD CO-OP TELEPHONE COMPANY	\$482,665	1,977	\$244.14	\$0	0.000%
351199	A 3	HAWKEYE TELEPHONE COMPANY	\$112,549	461	\$244.14	\$0	0.000%
351202	A 3	HOSPERS TELEPHONE EXCHANGE INC.	\$152,343	624	\$244.14	\$0	0.000%
351203	A 3	HUBBARD COOP TEL. ASSN.	\$187,988	770	\$244.14	\$0	0.000%
351205	A 3	HUXLEY COOP TELEPHONE COMPANY	\$336,913	1,380	\$244.14	\$0	0.000%
351206	A 3	IAMO TELEPHONE COMPANY- IA	\$137,098	438	\$313.01	\$8,661	0.003%

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IOWA (CONT.)							
351207	C 2	CONTEL OF IOWA, INC.	\$20,121,301	70,359	\$285.98	\$632,352	0.188%
351209	A 3	INTERSTATE 35 TELEPHONE COMPANY	\$261,811	950	\$275.59	\$4,340	0.001%
351212	A 3	JEFFERSON TELEPHONE COMPANY- IA	\$734,373	3,008	\$244.14	\$0	0.000%
351213	A 3	JORDAN SOLDIER VAL COOP TEL. CO.	\$77,887	266	\$292.81	\$3,077	0.001%
351214	A 3	KALONA COOP TELEPHONE COMPANY	\$377,929	1,548	\$244.14	\$0	0.000%
351217	A 3	KEYSTONE FRMS. COOP TELEPHONE CO	\$261,811	950	\$275.59	\$4,340	0.001%
351220	A 3	LA PORTE CITY TELEPHONE COMPANY	\$423,095	1,733	\$244.14	\$0	0.000%
351222	A 3	LA MOTTE TELEPHONE CO.	\$130,127	533	\$244.14	\$0	0.000%
351223	A 3	LAUREL TELEPHONE COMPANY INC.	\$83,340	295	\$282.51	\$2,177	0.001%
351225	A 3	LEHIGH VALLEY COOP TEL. ASSN.	\$434,076	1,775	\$244.55	\$0	0.000%
351228	A 3	LONE ROCK CO-OP TELEPHONE CO	\$82,615	291	\$283.90	\$2,312	0.001%
351229	C 3	LOST NATION - ELWOOD TEL. CO.	\$174,640	594	\$294.01	\$7,499	0.002%
351230	A 3	NORTHEAST IOWA TELEPHONE CO.	\$420,653	1,723	\$244.14	\$0	0.000%
351232	A 3	LYNNVILLE COMM. TEL. CO. INC.	\$88,063	321	\$274.34	\$1,304	0.000%
351235	A 3	MANILLA TELEPHONE COMPANY	\$141,601	580	\$244.14	\$0	0.000%
351237	A 3	MARNE & ELK HORN TELEPHONE CO	\$361,892	1,339	\$270.27	\$3,222	0.001%
351238	A 3	MARTELLE COOP TELEPHONE ASSN	\$84,779	303	\$279.80	\$1,903	0.001%
351239	A 3	MASSENA TELEPHONE COMPANY	\$176,653	645	\$273.88	\$2,499	0.001%
351241	A 3	MECHANICSVILLE TELEPHONE COMPANY	\$185,546	760	\$244.14	\$0	0.000%
351242	A 3	MILES COOP TEL. ASSN.	\$168,945	692	\$244.14	\$0	0.000%
351243	A 3	MILLER TELEPHONE COMPANY-IA	\$41,073	102	\$402.68	\$6,102	0.002%
351245	A 3	MINBURN TELEPHONE COMPANY	\$106,959	434	\$246.45	\$0	0.000%
351246	A 3	MINERVA VALLEY TELEPHONE CO. INC.	\$192,497	737	\$261.19	\$0	0.000%
351247	A 3	MODERN COOP TELEPHONE COMPANY	\$274,111	875	\$313.27	\$17,391	0.005%
351248	A 3	MONTEZUMA MUTUAL TELEPHONE COMPANY	\$397,460	1,628	\$244.14	\$0	0.000%
351249	A 3	MORLEY TEL. CO	\$54,081	153	\$353.47	\$5,623	0.002%
351250	A 3	MUTUAL TEL. CO. OF MORNING SUN	\$144,043	590	\$244.14	\$0	0.000%
351251	A 3	MEDIAPOLIS TELEPHONE COMPANY	\$396,483	1,624	\$244.14	\$0	0.000%
351252	A 3	MUTUAL TEL. CO.	\$760,496	3,115	\$244.14	\$0	0.000%
351257	A 3	NORTH ENGLISH COOP TEL. COMPANY	\$180,175	738	\$244.14	\$0	0.000%
351259	A 3	NORTHERN IOWA TELEPHONE COMPANY	\$645,990	2,416	\$267.38	\$2,990	0.001%
351260	A 3	NORTHWEST IOWA TEL CO INC	\$610,838	2,502	\$244.14	\$0	0.000%
351261	A 3	NORTHWEST TEL. COOP.	\$334,440	1,186	\$281.99	\$8,502	0.003%
351262	A 3	NORWAY RURAL TELEPHONE COMPANY	\$155,761	638	\$244.14	\$0	0.000%
351263	A 3	OGDEN TELEPHONE COMPANY - IA	\$386,229	1,582	\$244.14	\$0	0.000%
351264	A 3	OLIN TELEPHONE CO INC.	\$139,648	572	\$244.14	\$0	0.000%
351265	A 3	ONSLow COOP TELEPHONE ASSN.	\$64,782	201	\$322.30	\$4,732	0.001%
351266	A 3	ORAN MUTUAL TELEPHONE COMPANY	\$71,412	233	\$306.49	\$3,990	0.001%
351269	A 3	PALO COOP TEL. ASSN.	\$91,862	343	\$267.82	\$484	0.000%
351270	A 3	PALMER MUTUAL TELEPHONE CO.	\$88,588	324	\$273.42	\$1,195	0.000%
351271	A 3	PANORA COOP TEL. ASSN. INC.	\$318,847	1,306	\$244.14	\$0	0.000%
351273	A 3	PEOPLES TELEPHONE COMPANY - IA	\$199,951	819	\$244.14	\$0	0.000%
351274	A 3	POSTVILLE TELEPHONE COMPANY	\$331,298	1,357	\$244.14	\$0	0.000%
351275	A 3	PRAIRIEBURG TELEPHONE COMPANY INC.	\$63,092	193	\$326.90	\$4,905	0.001%
351276	A 3	PRESTON TELEPHONE COMPANY	\$278,808	1,142	\$244.14	\$0	0.000%
351277	A 3	RADCLIFFE TELEPHONE CO INC.	\$118,164	484	\$244.14	\$0	0.000%
351278	A 3	READLYN TELEPHONE COMPANY	\$165,527	678	\$244.14	\$0	0.000%
351280	A 3	RINGSTED TELEPHONE COMPANY	\$112,549	461	\$244.14	\$0	0.000%
351282	A 3	ROCKWELL COOP TELEPHONE ASSN.	\$345,011	1,244	\$277.34	\$6,570	0.002%
351283	A 3	ROYAL TEL. CO.	\$96,995	373	\$260.04	\$0	0.000%
351284	A 3	RUTHVEN TEL. EXCH. CO.	\$163,330	669	\$244.14	\$0	0.000%
351285	A 3	SAC COUNTY MUTUAL TEL. CO.	\$262,695	1,076	\$244.14	\$0	0.000%
351291	A 3	SCHALLER TEL. CO.	\$416,282	1,663	\$250.32	\$0	0.000%
351292	A 3	SEARSBORO TEL. CO.	\$108,039	306	\$353.07	\$11,188	0.003%
351293	A 3	SHARON TEL. CO.	\$225,830	925	\$244.14	\$0	0.000%
351294	A 3	SCRANTON TEL. CO.	\$125,000	512	\$244.14	\$0	0.000%
351295	A 3	SHELL ROCK TEL. CO.	\$222,656	912	\$244.14	\$0	0.000%
351297	A 3	HEART OF IOWA TELEPHONE COOP	\$565,914	1,971	\$287.12	\$18,244	0.005%
351298	A 3	SOUTH SLOPE COOP TEL. CO.	\$1,270,749	5,205	\$244.14	\$0	0.000%
351301	A 3	SOUTHWEST TEL. EXCH., INC.	\$210,854	682	\$309.17	\$12,421	0.003%

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IOWA (CONT.)							
351302	A 3	SPRINGVILLE COOP TEL. ASSN.	\$263,427	1,079	\$244.14	\$0	0.000%
351303	A 3	COOPERATIVE TELEPHONE EXCHANGE	\$174,976	636	\$275.12	\$2,786	0.001%
351304	A 3	SWISHER TEL. CO.	\$139,404	571	\$244.14	\$0	0.000%
351305	A 3	STRATFORD MUTUAL TEL. CO.	\$145,019	594	\$244.14	\$0	0.000%
351306	A 3	SULLY TEL. ASSOC.	\$238,525	977	\$244.14	\$0	0.000%
351307	A 3	SUPERIOR TEL. COOP.	\$57,510	168	\$342.32	\$5,322	0.002%
351308	A 3	TEMPLETON TELEPHONE COMPANY	\$93,488	352	\$265.59	\$178	0.000%
351309	A 3	TERRIL TELEPHONE COMPANY	\$95,166	362	\$262.89	\$0	0.000%
351310	A 3	TITONKA TELEPHONE COMPANY	\$141,113	578	\$244.14	\$0	0.000%
351316	C 3	UNITED FARMERS TELEPHONE COMPANY	\$168,601	528	\$319.32	\$11,893	0.004%
351317	C 2	UTC OF IOWA	\$13,080,459	61,775	\$211.74	\$0	0.000%
351319	A 3	VAN BUREN TELEPHONE CO INC.	\$630,609	2,328	\$270.88	\$6,184	0.002%
351320	A 3	VAN HORNE COOP TELEPHONE CO.	\$120,117	492	\$244.14	\$0	0.000%
351322	A 3	VENTURA TELEPHONE CO. INC.	\$121,582	498	\$244.14	\$0	0.000%
351324	A 3	VILLISCA FARMERS TELEPHONE CO.	\$285,644	1,170	\$244.14	\$0	0.000%
351326	A 3	WALNUT TELEPHONE COMPANY	\$186,523	764	\$244.14	\$0	0.000%
351327	C 3	WEBB-DICKENS TELEPHONE CORPORATION	\$141,782	452	\$313.68	\$9,006	0.003%
351328	A 3	WEBSTER-CALHOUN COOP TELEPHONE ASSN.	\$1,298,900	4,534	\$286.48	\$40,778	0.012%
351329	A 3	WELLMAN COOP TELEPHONE ASSN.	\$275,390	1,128	\$244.14	\$0	0.000%
351331	A 3	WEST IOWA TELEPHONE COMPANY	\$1,124,021	4,604	\$244.14	\$0	0.000%
351332	A 3	WEST LIBERTY TELEPHONE COMPANY	\$698,973	2,863	\$244.14	\$0	0.000%
351334	A 3	WESTERN IOWA TELEPHONE ASSN.	\$768,434	2,938	\$261.55	\$0	0.000%
351335	A 3	WESTSIDE INDP. TELEPHONE COMPANY	\$91,521	341	\$268.39	\$561	0.000%
351336	A 3	WILTON TELEPHONE COMPANY	\$414,794	1,699	\$244.14	\$0	0.000%
351337	A 3	WINNEBAGO COOP TELEPHONE ASSN - IA	\$1,484,878	5,771	\$257.30	\$0	0.000%
351341	A 3	SCHUYLER TELEPHONE COMPANY - IA	\$217,773	892	\$244.14	\$0	0.000%
351342	A 3	WOOLSTOCK MUT. TELEPHONE ASSN.	\$77,322	263	\$294.00	\$3,169	0.001%
351343	A 3	WYOMING MUTUAL TELEPHONE COMPANY	\$157,470	645	\$244.14	\$0	0.000%
351344	A 3	PRAIRIE TELEPHONE COMPANY INC.	\$266,983	979	\$272.71	\$3,329	0.001%
351346	C 3	ACE TELEPHONE ASSOCIATION- IOWA	\$862,214	3,662	\$235.45	\$0	0.000%
351405	A 3	HILLS TEL. CO., INC. - IA	\$480,330	1,664	\$288.66	\$16,442	0.005%
351424	A 3	MABEL COOPERATIVE TELEPHONE CO. IA	\$243,534	850	\$286.51	\$7,655	0.002%
351888	C 3	GRAND RIVER MUTUAL TEL CORP - IA	\$1,600,194	5,524	\$289.68	\$59,279	0.018%
355141	C 1	NORTHWESTERN BELL-IOWA	\$156,456,021	870,462	\$179.74	\$0	0.000%
STATE TOTAL:			\$317,249,477	1,205,377	\$263.20	\$7,030,449	2.092%
411741	C 3	ASSARIA TELEPHONE EXCHANGE INC.	\$145,704	444	\$328.16	\$11,527	0.003%
411746	C 3	BLUE VALLEY TELEPHONE COMPANY	\$796,265	2,718	\$292.96	\$32,157	0.010%
411756	A 3	COLUMBUS TELEPHONE COMPANY	\$455,565	1,866	\$244.14	\$0	0.000%
411758	A 3	COUNCIL GROVE TEL. CO.	\$414,061	1,696	\$244.14	\$0	0.000%
411761	C 3	CUNNINGHAM TELEPHONE CO. INC.	\$580,052	1,538	\$377.15	\$73,747	0.023%
411764	C 3	ELKHART TELEPHONE COMPANY INC.	\$324,454	1,409	\$230.27	\$0	0.000%
411777	A 3	GOLDEN BELT TELEPHONE ASSN. INC.	\$1,131,795	3,560	\$317.92	\$77,497	0.023%
411778	A 3	GORHAM TELEPHONE COMPANY INC.	\$106,924	301	\$355.23	\$11,310	0.003%
411780	A 3	HAVILAND TELEPHONE COMPANY INC.	\$1,005,038	3,567	\$281.76	\$25,237	0.008%
411781	C 3	H & B COMMUNICATIONS INC.	\$456,660	950	\$480.69	\$92,174	0.027%
411782	C 3	HOME TELEPHONE COMPANY INC.	\$544,968	1,259	\$432.86	\$94,095	0.029%
411785	C 2	J. B. N. TELEPHONE COMPANY INC.	\$693,027	2,296	\$301.84	\$34,856	0.011%
411788	C 3	KANOKLA TEL. ASSOC. INC. - KS	\$772,128	2,212	\$349.06	\$78,526	0.024%
411789	C 2	KANSAS STATE TEL. CO.	\$1,141,976	5,184	\$220.29	\$0	0.000%
411790	C 2	CONTEL OF KANSAS	\$19,649,067	44,908	\$437.54	\$3,397,010	1.011%
411791	A 3	LA HARPE TELEPHONE COMPANY INC.	\$95,808	366	\$261.77	\$0	0.000%
411801	C 3	MADISON TEL. CO. INC. - KS	\$415,675	726	\$572.56	\$101,472	0.031%
411807	C 3	MOKAN DIAL, INC. - KS	\$602,815	1,942	\$310.41	\$36,692	0.011%
411808	C 3	MOUNDRIDGE TEL. CO.	\$860,462	2,112	\$407.42	\$129,994	0.038%
411809	A 3	MUTUAL TELEPHONE COMPANY	\$107,901	440	\$245.23	\$0	0.000%
411814	C 3	PEOPLES MUTUAL TEL. CO. -KS	\$322,483	1,012	\$318.66	\$22,043	0.007%
411817	C 3	PIONEER TELEPHONE ASSOCIATION INC.	\$2,405,043	11,009	\$218.46	\$0	0.000%
411818	C 3	CRAW-KAN TELEPHONE COOP INC- KS	\$3,133,827	11,385	\$275.26	\$48,457	0.001%

TABLE 3.6

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KANSAS (CONT.)							
411820	A 3	RAINBOW TEL COOPERATIVE ASSN INC.	\$555,943	1,788	\$310.93	\$33,838	0.010%
411826	C 3	RURAL TEL. SERVICE CO., INC.	\$3,137,162	6,545	\$479.32	\$620,098	0.185%
411827	C 3	S & T TEL. COOP. ASSN.	\$1,032,029	1,619	\$637.45	\$274,704	0.082%
411829	A 3	S & A TEL. CO., INC.	\$185,384	695	\$266.74	\$678	0.000%
411831	C 3	SOUTH CENTRAL TEL. ASSN. INC.-KS	\$405,941	1,058	\$383.69	\$53,317	0.016%
411833	A 3	SOUTHERN KANSAS TEL. CO., INC.	\$987,257	3,326	\$296.83	\$43,903	0.013%
411835	C 3	SUNFLOWER TEL. CO., INC.	\$1,810,797	3,806	\$475.77	\$357,217	0.106%
411839	A 3	TRI-COUNTY TEL. ASSN. INC.-KS	\$956,197	3,168	\$301.83	\$48,253	0.014%
411840	C 3	TWIN VALLEY TEL. INC.-KS	\$901,012	2,176	\$414.07	\$140,896	0.042%
411841	C 3	UNITED TELEPHONE ASSN. INC.	\$2,077,161	4,545	\$457.02	\$386,439	0.115%
411842	C 2	UNITED TELEPHONE CO OF KS	\$17,838,485	64,927	\$274.75	\$280,809	0.084%
411845	A 3	WAMEGO TELEPHONE COMPANY INC.	\$910,398	3,729	\$244.14	\$0	0.000%
411847	C 3	THE WHEAT STATE TEL. CO. INC.	\$981,078	1,947	\$503.89	\$207,307	0.062%
411849	C 3	WILSON TELEPHONE COMPANY INC.	\$815,400	2,192	\$371.99	\$100,640	0.030%
411852	C 3	ZENDA TELEPHONE COMPANY INC.	\$108,721	218	\$498.72	\$22,800	0.007%
412030	C 3	TOTAH TELEPHONE CO. INC.	\$767,574	1,296	\$592.26	\$192,756	0.057%
415214	C 1	SOUTHWESTERN BELL-KANSAS	\$247,617,240	999,442	\$247.76	\$0	0.000%
STATE TOTAL: KENTUCKY			\$423,991,356	1,512,476	\$280.33	\$4,832,061	1.438%
260396	A 3	BALLARD RURAL TEL. COOP. CORP. INC.	\$1,225,095	5,018	\$244.14	\$0	0.000%
260398	A 3	BRANDENBURG TELEPHONE COMPANY, INC.	\$4,317,128	17,683	\$244.14	\$0	0.000%
260401	A 3	DUO COUNTY TEL. COOP. INC.	\$2,014,887	8,253	\$244.14	\$0	0.000%
260402	A 2	ALLTEL KENTUCKY, INC.	\$3,710,440	15,198	\$244.14	\$0	0.000%
260406	A 3	FOOTHILLS RURAL TEL. COOP. CORP. INC.	\$2,549,554	10,443	\$244.14	\$0	0.000%
260407	C 2	GTE SOUTH INC. - KENTUCKY	\$94,471,624	299,861	\$315.05	\$963,303	0.287%
260408	A 3	HAROLD TELEPHONE CO INC.	\$1,088,132	4,457	\$244.14	\$0	0.000%
260410	C 2	CONTEL OF KENTUCKY, INC.	\$22,784,270	58,942	\$386.55	\$3,133,872	0.933%
260411	A 2	LESLIE COUNTY TEL. CO. INC.	\$1,482,906	6,074	\$244.14	\$0	0.000%
260412	A 2	LEWISPORT TEL. CO. INC.	\$243,408	997	\$244.14	\$0	0.000%
260413	A 3	LOGAN TELEPHONE COOPERATIVE, INC.	\$1,237,302	5,068	\$244.14	\$0	0.000%
260414	A 3	MOUNTAIN RURAL TEL. COOP. CORP. INC.	\$2,416,742	9,899	\$244.14	\$0	0.000%
260415	A 3	PEOPLES RURAL TEL. COOP. CORP.	\$1,278,317	5,236	\$244.14	\$0	0.000%
260417	A 2	SALEM TEL. CO.	\$402,343	1,648	\$244.14	\$0	0.000%
260418	A 3	SOUTH CENTRAL RURAL TEL. COOP. CORP. INC.	\$4,664,539	19,106	\$244.14	\$0	0.000%
260419	A 3	THACKER/GRIGSBY TEL. CO., INC.	\$1,411,129	5,780	\$244.14	\$0	0.000%
260421	A 3	WEST KY. RURAL TEL. COOP. CORP. INC.	\$3,287,345	13,465	\$244.14	\$0	0.000%
265061	C 2	CINCINNATI BELL-KENTUCKY	\$27,206,180	134,577	\$202.16	\$0	0.000%
265182	C 1	SOUTH CENTRAL BELL-KENTUCKY	\$248,200,015	890,771	\$278.64	\$734,886	0.219%
STATE TOTAL: LOUISIANA			\$596,181,574	1,870,917	\$318.66	\$13,232,568	3.930%
270422	C 2	ATHENS TEL. CO.	\$252,188	285	\$884.87	\$81,065	0.020%
270423	C 2	CENTRAL LOUISIANA TELEPHONE COMPANY	\$6,412,554	12,555	\$510.76	\$1,376,106	0.410%
270424	C 2	COASTAL TELEPHONE & ELECTRONICS CORP.	\$3,775,443	9,299	\$406.01	\$575,376	0.170%
270425	C 3	CAMERON TEL. CO.- LA	\$2,977,872	5,665	\$525.66	\$660,893	0.190%
270426	A 3	CAMPTI-PLEASANT HILL TEL. COMPANY	\$500,487	2,050	\$244.14	\$0	0.000%
270427	A 3	CHATHAM TELEPHONE COMPANY, INC.	\$290,282	1,189	\$244.14	\$0	0.000%
270428	A 3	DELCAMBRE TELEPHONE COMPANY	\$261,962	1,073	\$244.14	\$0	0.000%
270429	C 3	EAST ASCENSION TELEPHONE COMPANY	\$6,472,843	20,675	\$313.08	\$406,264	0.120%
270430	C 3	ELIZABETH TELEPHONE COMPANY INC	\$1,417,050	2,250	\$629.80	\$371,489	0.110%
270431	C 2	CADDOAN TELEPHONE COMPANY	\$3,265,688	7,776	\$419.97	\$523,762	0.150%
270432	A 3	KAPLAN TELEPHONE COMPANY	\$1,090,573	4,467	\$244.14	\$0	0.000%
270433	C 3	LAFOURCHE TEL. CO.	\$4,546,741	11,139	\$408.18	\$697,510	0.200%
270434	C 2	EVANGELINE TELEPHONE COMPANY	\$9,515,283	25,194	\$377.68	\$1,197,345	0.350%
270435	C 3	NORTHEAST LOUISIANA TEL. CO. INC.	\$531,491	791	\$671.92	\$147,329	0.040%
270436	C 2	CENTURY TELEPHONE OF NORTH LOUISIANA	\$375,549	971	\$386.77	\$51,578	0.010%
270437	C 2	PLAIN DEALING TEL. CO.	\$1,097,989	1,474	\$744.90	\$323,377	0.090%
270438	C 3	RESERVE TELEPHONE COMPANY	\$1,127,288	4,187	\$269.24	\$10,468	0.000%
270439	A 3	RINGGOLD TEL. CO., INC.	\$372,802	1,527	\$244.14	\$0	0.000%



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LOUISIANA (CONT.)							
270440	C 2	CENTURY TELEPHONE COMPANY INC.	\$1,354,928	1,450	\$934.43	\$445,766	0.133%
270441	A 3	STAR TEL. CO., INC.	\$1,044,187	4,277	\$244.14	\$0	0.000%
270442	C 2	LOUISIANA WESTERN TELEPHONE COMPANY	\$2,303,664	2,963	\$777.48	\$694,046	0.207%
270443	C 2	UTC OF LOUISIANA	\$1,718,101	2,411	\$712.61	\$493,969	0.147%
275183	C 1	SOUTH CENTRAL BELL-LOUISIANA	\$545,476,609	1,747,249	\$312.19	\$5,176,225	1.541%
STATE TOTAL: MAINE			\$178,485,845	615,586	\$289.94	\$2,552,232	0.760%
100002	A 3	BRYANT POND TEL. CO.	\$115,234	472	\$244.14	\$0	0.000%
100003	C 3	LINCOLNVILLE TEL. CO.	\$380,171	1,173	\$324.10	\$28,027	0.008%
100004	C 3	CHINA TEL. CO.	\$645,673	2,336	\$276.40	\$11,125	0.003%
100005	A 3	COBBOSSECONTEE TEL. CO.	\$152,832	626	\$244.14	\$0	0.000%
100007	A 3	ISLAND TEL. CO.	\$19,521	35	\$557.74	\$4,638	0.001%
100010	C 3	HAMPDEN TEL. CO.	\$465,673	2,194	\$212.25	\$0	0.000%
100011	C 2	HARTLAND & ST. ALBANS TEL. CO.	\$930,209	2,682	\$346.83	\$89,394	0.027%
100014	C 2	CONTEL OF MAINE, INC.	\$13,090,883	36,958	\$354.21	\$1,393,548	0.415%
100015	A 3	COMMUNITY SERVICE TEL. CO.	\$1,923,579	7,879	\$244.14	\$0	0.000%
100019	A 3	OXFORD COUNTY TEL. & TELE. CO.	\$819,578	3,357	\$244.14	\$0	0.000%
100020	A 3	PINE TREE TEL. & TELE. CO.	\$1,061,032	4,346	\$244.14	\$0	0.000%
100022	A 3	SACO RIVER TEL. & TELE. CO.	\$1,363,278	5,584	\$244.14	\$0	0.000%
100024	C 2	SOMERSET TEL. CO.	\$1,926,147	8,747	\$220.21	\$0	0.000%
100025	C 3	STANDISH TEL. CO.	\$1,612,239	4,993	\$322.90	\$116,867	0.035%
100027	C 3	UNION RIVER TEL. CO.	\$480,494	939	\$511.71	\$103,325	0.031%
100029	C 3	UNITY TEL. CO., INC.	\$914,096	3,154	\$289.82	\$34,241	0.010%
100031	C 2	WARREN TEL. CO.	\$294,078	1,259	\$233.58	\$0	0.000%
100034	C 2	WEST PENOBSCOT TEL. & TEL. CO.	\$418,400	1,627	\$257.16	\$0	0.000%
105111	C 1	NEW ENGLAND TEL.-MAINE	\$151,872,728	527,225	\$288.06	\$771,067	0.229%
STATE TOTAL: MARYLAND			\$480,352,551	2,615,317	\$183.67	\$0	0.000%
180216	A 3	ARMSTRONG TELEPHONE COMPANY OF MD	\$1,038,816	4,255	\$244.14	\$0	0.000%
185030	C 1	C & P TELEPHONE COMPANY OF MARYLAND	\$479,313,735	2,611,062	\$183.57	\$0	0.000%
STATE TOTAL: MASSACHUSETTS			\$548,392,106	3,439,457	\$159.44	\$0	0.000%
110036	A 3	GRANBY TEL. & TELE. CO - MA	\$555,419	2,275	\$244.14	\$0	0.000%
110037	A 3	RICHMOND TEL. CO.	\$217,285	890	\$244.14	\$0	0.000%
115112	C 1	NEW ENGLAND TEL.-MA	\$547,619,402	3,436,292	\$159.36	\$0	0.000%
STATE TOTAL: MICHIGAN			\$913,815,091	4,632,484	\$197.26	\$1,753,935	0.522%
310669	A 3	ALLENDALE TELEPHONE COMPANY	\$920,164	3,769	\$244.14	\$0	0.000%
310671	C 2	CENTURY TELEPHONE MIDWEST, INC.	\$6,223,875	19,121	\$325.50	\$485,793	0.145%
310672	A 2	AUGUSTA TEL. CO.	\$385,497	1,579	\$244.14	\$0	0.000%
310675	A 3	BARAGA TELEPHONE COMPANY	\$824,461	3,377	\$244.14	\$0	0.000%
310676	A 3	BARRY COUNTY TELEPHONE COMPANY	\$1,380,612	5,655	\$244.14	\$0	0.000%
310677	A 2	ISLAND TELEPHONE COMPANY	\$175,763	640	\$274.63	\$2,676	0.001%
310678	A 3	BLANCHARD TELEPHONE ASSOC. INC.	\$246,581	1,010	\$244.14	\$0	0.000%
310679	C 3	BLOOMINGDALE TELEPHONE COMPANY	\$612,790	1,460	\$419.72	\$99,663	0.030%
310680	C 3	CHIPPEWA COUNTY TELEPHONE COMPANY	\$254,889	817	\$311.98	\$15,702	0.005%
310681	C 2	ALLTEL MICHIGAN INC.	\$8,808,699	37,912	\$232.35	\$0	0.000%
310682	C 2	C, C & S TELCO, INC. - MICHIGAN	\$3,540,855	17,457	\$202.83	\$0	0.000%
310683	C 3	CARR TELEPHONE COMPANY	\$295,913	1,348	\$219.52	\$0	0.000%
310685	C 2	CHATHAM TELEPHONE COMPANY - MI	\$512,100	2,230	\$229.64	\$0	0.000%
310687	A 2	CLAYTON TELEPHONE COMPANY	\$140,625	576	\$244.14	\$0	0.000%
310688	A 3	CLIMAX TELEPHONE COMPANY	\$229,980	942	\$244.14	\$0	0.000%
310691	A 3	DEERFIELD FARMERS TELEPHONE COMPANY	\$528,319	2,164	\$244.14	\$0	0.000%
310692	A 3	DRENTHE TELEPHONE COMPANY	\$127,441	522	\$244.14	\$0	0.000%
310694	A 3	FARMERS MUTUAL TEL CO OF CHAPIN	\$91,071	338	\$269.44	\$701	0.000%
310695	C 2	GTE NORTH INC. - MICHIGAN	\$118,336,730	464,154	\$254.95	\$0	0.000%

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MICHIGAN (CONT.)							
310699	A 2	HICKORY TELEPHONE COMPANY	\$288,329	1,181	\$244.14	\$0	0.000%
310702	C 2	CENTURY TELEPHONE OF MICHIGAN, INC.	\$11,700,633	39,567	\$295.72	\$517,339	0.154%
310703	A 3	KALEVA TELEPHONE COMPANY	\$336,669	1,379	\$244.14	\$0	0.000%
310704	C 3	ACE TELEPHONE CO. OF MI INC.	\$1,243,252	3,363	\$369.69	\$147,909	0.044%
310705	A 3	KINGSLEY TELEPHONE COMPANY	\$470,946	1,929	\$244.14	\$0	0.000%
310708	A 3	LENNON TELEPHONE COMPANY	\$414,794	1,699	\$244.14	\$0	0.000%
310711	C 2	MIDWAY TELEPHONE COMPANY	\$358,663	740	\$484.68	\$72,085	0.021%
310713	C 3	HIAWATHA TELEPHONE COMPANY	\$1,017,715	3,395	\$299.77	\$50,373	0.015%
310714	C 3	OGDEN TELEPHONE COMPANY	\$146,436	407	\$359.79	\$16,145	0.005%
310717	C 2	ONTONAGON COUNTY TELEPHONE CO.	\$860,243	3,716	\$231.50	\$0	0.000%
310720	A 3	PENINSULA TELEPHONE COMPANY - MI	\$243,163	996	\$244.14	\$0	0.000%
310721	C 3	PIGEON TELEPHONE COMPANY	\$811,811	2,545	\$318.98	\$57,915	0.017%
310725	A 3	SAND CREEK TEL. CO.	\$223,632	916	\$244.14	\$0	0.000%
310726	A 2	SHIAWASSEE TELEPHONE COMPANY	\$972,898	3,985	\$244.14	\$0	0.000%
310728	C 3	SPRINGPORT TEL. CO.	\$401,050	1,600	\$250.66	\$0	0.000%
310732	C 3	UPPER PENINSULA TEL. CO.	\$1,468,958	3,187	\$460.92	\$278,803	0.083%
310734	A 3	WALDRON TELEPHONE COMPANY	\$135,742	556	\$244.14	\$0	0.000%
310735	A 3	WESTPHALIA TELEPHONE COMPANY	\$190,429	780	\$244.14	\$0	0.000%
310737	C 3	WINN TELEPHONE COMPANY	\$165,706	543	\$305.17	\$8,831	0.003%
310738	C 2	WOLVERINE TELEPHONE COMPANY	\$1,292,512	7,140	\$181.02	\$0	0.000%
315090	C 1	MICHIGAN BELL TEL CO	\$747,435,145	3,987,789	\$187.43	\$0	0.000%
STATE TOTAL:			\$461,246,639	2,194,145	\$210.22	\$3,882,237	1.155%
361140	C 2	CONTEL OF MINNESOTA, INC.	\$30,656,669	94,311	\$325.06	\$2,318,282	0.690%
361186	C 2	GTE NORTH INC. - MINNESOTA	\$620,218	3,323	\$186.64	\$0	0.000%
361337	A 3	WINNEBAGO COOP TELEPHONE ASSOC - MN	\$246,891	747	\$330.51	\$20,080	0.006%
361346	C 3	ACE TELEPHONE ASSOCIATION - MN	\$1,678,146	8,623	\$194.61	\$0	0.000%
361347	A 3	ALBANY MUTUAL TELEPHONE ASSN. INC.	\$619,139	2,536	\$244.14	\$0	0.000%
361350	C 3	ARVIG TELEPHONE COMPANY	\$1,825,184	8,128	\$224.56	\$0	0.000%
361353	A 3	CITY OF BARNESVILLE TELEPHONE CO	\$257,568	1,055	\$244.14	\$0	0.000%
361356	A 3	BENTON COOPERATIVE TELEPHONE CO.	\$725,096	2,970	\$244.14	\$0	0.000%
361357	A 3	BLACKDUCK TELEPHONE COMPANY	\$252,929	1,036	\$244.14	\$0	0.000%
361358	A 3	BLUE EARTH VALLEY TELEPHONE CO.	\$1,587,154	6,501	\$244.14	\$0	0.000%
361362	A 3	BRIDGEWATER TELEPHONE COMPANY	\$1,078,122	4,416	\$244.14	\$0	0.000%
361365	A 3	CALLAWAY TELEPHONE COMPANY	\$67,995	216	\$314.79	\$4,427	0.001%
361367	C 2	CENTRAL TELEPHONE COMPANY - MN	\$12,073,378	74,699	\$161.63	\$0	0.000%
361370	C 3	CLARA CITY TELEPHONE EXCH. CO.	\$526,541	1,442	\$365.15	\$59,798	0.018%
361372	A 3	CLEMENTS TELEPHONE COMPANY	\$56,606	164	\$345.16	\$5,388	0.002%
361373	A 3	CONSOLIDATED TELEPHONE COMPANY- MN	\$1,490,475	6,105	\$244.14	\$0	0.000%
361374	C 3	ARROWHEAD COMMUNICATIONS CORP.	\$239,780	583	\$411.29	\$37,228	0.011%
361375	A 3	MID-COMMUNICATIONS INC.	\$1,796,138	7,357	\$244.14	\$0	0.000%
361377	A 3	DANUBE TELEPHONE COMPANY	\$108,202	442	\$244.80	\$0	0.000%
361379	A 3	DEER RIVER TELEPHONE CO.	\$394,286	1,615	\$244.14	\$0	0.000%
361380	A 3	DELAVAN TELEPHONE COMPANY	\$90,320	334	\$270.42	\$825	0.000%
361381	A 3	DUNNELL TELEPHONE COMPANY INC.	\$75,608	254	\$297.67	\$3,439	0.001%
361383	A 3	EAGLE VALLEY TELEPHONE COMPANY	\$153,564	629	\$244.14	\$0	0.000%
361384	A 3	EASTON TELEPHONE COMPANY	\$71,807	235	\$305.56	\$3,935	0.001%
361385	C 3	EAST OTTER TAIL TELEPHONE CO.	\$3,416,416	12,893	\$264.98	\$6,769	0.002%
361386	A 3	ECKLES TELEPHONE COMPANY	\$684,324	2,803	\$244.14	\$0	0.000%
361387	A 3	EMILY COOPERATIVE TELEPHONE CO.	\$245,849	1,007	\$244.14	\$0	0.000%
361389	A 3	FARMERS MUTUAL TEL CO - BELLINGHAM	\$327,989	1,151	\$284.96	\$9,640	0.003%
361390	A 3	FEDERATED TELEPHONE COOPERATIVE	\$563,342	1,957	\$287.86	\$18,702	0.006%
361391	A 3	FELTON TELEPHONE COMPANY INC.	\$214,826	702	\$306.02	\$11,886	0.004%
361395	C 3	GARDEN VALLEY TELEPHONE COMPANY	\$3,329,785	12,720	\$261.78	\$0	0.000%
361396	A 3	GARDONVILLE COOPERATIVE TEL. ASSN.	\$564,208	2,311	\$244.14	\$0	0.000%
361399	A 3	GRANADA TEL. CO.	\$76,563	259	\$295.61	\$3,291	0.001%
361401	A 3	HALSTAD TELEPHONE COMPANY	\$518,659	1,439	\$360.43	\$57,578	0.017%
361403	A 3	HANCOCK TELEPHONE COMPANY- MN	\$161,621	662	\$244.14	\$0	0.000%
361404	A 3	HARMONY TELEPHONE COMPANY	\$213,456	865	\$246.77	\$0	0.000%

TABLE 3.6

National Exchange Carrier Association  
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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
MINNESOTA (CONT.)							
361405	A 3	HILLS TELEPHONE CO. INC. - MN	\$194,755	524	\$371.67	\$23,727	0.007%
361407	A 3	HOHMAN TELEPHONE COMPANY	\$1,493,649	6,118	\$244.14	\$0	0.000%
361408	A 3	HOME TEL. CO.- MN	\$396,239	1,623	\$244.14	\$0	0.000%
361409	A 3	HUTCHINSON TELEPHONE COMPANY	\$1,809,566	7,412	\$244.14	\$0	0.000%
361410	C 3	JOHNSON TELEPHONE COMPANY	\$747,321	1,346	\$555.22	\$177,378	0.053%
361412	A 3	KASSON & MANTORVILLE TEL. CO.	\$600,096	2,458	\$244.14	\$0	0.000%
361413	A 3	K M P TELEPHONE COMPANY	\$354,003	1,450	\$244.14	\$0	0.000%
361414	C 3	LAKEDALE TELEPHONE COMPANY	\$1,804,792	9,377	\$192.47	\$0	0.000%
361419	A 3	LISMORE COOPERATIVE TELEPHONE CO.	\$90,666	336	\$269.84	\$752	0.000%
361422	A 3	LONSDALE TELEPHONE COMPANY	\$281,738	1,154	\$244.14	\$0	0.000%
361423	A 3	LOWRY TELEPHONE COMPANY	\$170,166	697	\$244.14	\$0	0.000%
361424	A 3	MABEL COOPERATIVE TELEPHONE CO.- MN	\$195,728	756	\$258.90	\$0	0.000%
361425	A 3	MADELIA TELEPHONE COMPANY	\$364,745	1,494	\$244.14	\$0	0.000%
361426	A 3	MANCHESTER-HARTLAND TELEPHONE CO.	\$163,300	572	\$285.49	\$4,916	0.001%
361427	A 3	MANKATO CITIZENS TELEPHONE CO.	\$6,528,304	26,740	\$244.14	\$0	0.000%
361430	A 3	MELROSE TELEPHONE COMPANY	\$1,923,579	7,879	\$244.14	\$0	0.000%
361431	A 3	MIDWEST TEL. CO.	\$555,174	2,274	\$244.14	\$0	0.000%
361433	C 2	MID STATE TELEPHONE COMPANY	\$1,130,596	5,548	\$203.78	\$0	0.000%
361437	A 3	MINNESOTA LAKE TELEPHONE COMPANY	\$126,709	519	\$244.14	\$0	0.000%
361439	A 3	MINNESOTA VALLEY TEL. CO. INC.	\$267,332	981	\$272.51	\$3,256	0.001%
361440	A 3	CANNON VALLEY TELECOM, INC.	\$444,579	1,821	\$244.14	\$0	0.000%
361442	C 3	NEW ULM TELECOM, INC.	\$1,356,679	8,012	\$169.33	\$0	0.000%
361443	A 3	NORMAN COUNTY TELEPHONE CO. INC.	\$916,013	3,752	\$244.14	\$0	0.000%
361445	A 3	NORTHLAND TELEPHONE COMPANY	\$142,089	582	\$244.14	\$0	0.000%
361448	A 3	OSAKIS TELEPHONE COMPANY	\$371,337	1,521	\$244.14	\$0	0.000%
361450	A 3	PARK REGION MUTUAL TEL. CO.	\$848,875	3,477	\$244.14	\$0	0.000%
361451	C 3	PAUL BUNYAN RURAL TEL. COOP.	\$1,710,288	4,953	\$345.30	\$160,880	0.048%
361453	A 3	PEOPLES TELEPHONE COMPANY - MN	\$341,552	1,399	\$244.14	\$0	0.000%
361454	A 3	PINE ISLAND TELEPHONE COMPANY	\$560,301	2,295	\$244.14	\$0	0.000%
361456	C 2	UNITED TELEPHONE CO OF MINN	\$27,959,693	96,902	\$288.54	\$914,513	0.272%
361472	A 3	REDWOOD COUNTY TEL. CO.	\$1,024,656	4,197	\$244.14	\$0	0.000%
361473	A 3	ROCK DELL TEL. CO.	\$122,070	500	\$244.14	\$0	0.000%
361474	A 3	ROTHSAY TELEPHONE COMPANY INC.	\$119,629	490	\$244.14	\$0	0.000%
361475	A 3	RUNESTONE TEL. ASSN.	\$908,820	3,571	\$254.50	\$0	0.000%
361476	A 3	SACRED HEART TEL. CO.	\$130,371	534	\$244.14	\$0	0.000%
361479	A 3	SCOTT RICE TEL. CO.	\$1,990,473	8,153	\$244.14	\$0	0.000%
361482	A 3	SHERBURNE COUNTY RURAL TEL. CO.	\$1,418,209	5,809	\$244.14	\$0	0.000%
361483	C 3	SLEEPY EYE TEL. CO.	\$1,268,183	5,112	\$248.08	\$0	0.000%
361485	A 3	SPRING GROVE COOP TEL CO	\$275,634	1,129	\$244.14	\$0	0.000%
361487	A 3	STARBUCK TEL. CO.	\$277,099	1,135	\$244.14	\$0	0.000%
361491	C 3	TWIN VALLEY-ULEN TEL CO INC.	\$735,848	2,718	\$270.73	\$6,048	0.002%
361494	A 3	UPSALA COOPERATIVE TELEPHONE ASSN.	\$202,636	830	\$244.14	\$0	0.000%
361495	A 3	VALLEY TEL. CO.-MN	\$178,047	653	\$272.66	\$2,208	0.001%
361499	A 3	CROSSLAKE TELEPHONE COMPANY	\$324,218	1,328	\$244.14	\$0	0.000%
361500	A 3	NORTHERN TELEPHONE COMPANY OF MN	\$17,005	29	\$586.38	\$4,232	0.001%
361501	A 3	WEST CENTRAL TELEPHONE ASSN.	\$761,961	3,121	\$244.14	\$0	0.000%
361502	A 3	WESTERN TELEPHONE COMPANY	\$528,563	2,165	\$244.14	\$0	0.000%
361505	A 3	WIKSTROM TELEPHONE COMPANY INC.	\$1,330,297	5,266	\$252.62	\$0	0.000%
361507	A 3	WINSTED TELEPHONE COMPANY	\$308,349	1,263	\$244.14	\$0	0.000%
361508	A 3	WINTHROP TEL. CO.	\$249,999	1,024	\$244.14	\$0	0.000%
361510	A 3	WOODSTOCK TELEPHONE COMPANY	\$373,601	1,248	\$299.36	\$17,753	0.005%
361512	A 3	WOLVERTON TELEPHONE COMPANY	\$57,734	169	\$341.62	\$5,306	0.002%
361515	A 3	ZUMBROTA TELEPHONE COMPANY	\$407,958	1,671	\$244.14	\$0	0.000%
361654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.	\$353,759	1,449	\$244.14	\$0	0.000%
365142	C 1	NORTHWESTERN BELL-MINNESOTA	\$327,022,802	1,670,119	\$195.81	\$0	0.000%
STATE TOTAL:		MISSISSIPPI	\$332,929,129	977,689	\$340.53	\$6,947,038	2.068%
280446	C 3	BAY SPRINGS TELEPHONE COMPANY INC.	\$3,807,376	8,078	\$471.33	\$735,754	0.219%
280447	A 3	BRUCE TELEPHONE COMPANY - MS	\$628,661	2,575	\$244.14	\$0	0.000%

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MISSISSIPPI (CONT.)							
280448	A 2	CALHOUN CITY TEL. COMPANY INC.	\$765,867	3,137	\$244.14	\$0	0.000%
280449	A 3	MYRTLE TELEPHONE COMPANY INC.	\$140,381	575	\$244.14	\$0	0.000%
280451	A 3	DECATUR TELEPHONE CO INC- MS	\$357,909	1,466	\$244.14	\$0	0.000%
280452	C 3	DELTA TELEPHONE COMPANY INC.	\$693,580	3,142	\$220.74	\$0	0.000%
280453	C 2	ALLTEL MISSISSIPPI INC.	\$3,027,162	7,883	\$384.01	\$404,989	0.121%
280454	C 3	FRANKLIN TELEPHONE COMPANY INC - MS	\$2,175,432	6,017	\$361.55	\$240,379	0.072%
280455	A 3	FULTON TELEPHONE COMPANY INC.	\$1,480,465	6,064	\$244.14	\$0	0.000%
280456	C 3	GEORGETOWN TELE. CO., INC.	\$125,501	240	\$522.92	\$27,654	0.008%
280457	A 3	LAKESIDE TELEPHONE COMPANY, INC.	\$91,569	341	\$268.53	\$580	0.000%
280458	C 2	HOME TELEPHONE COMPANY- OLIVE BRANCH	\$4,293,730	7,408	\$579.61	\$1,048,510	0.312%
280459	C 1	HUGHES TELEPHONE COMPANY	\$1,725,110	5,135	\$335.95	\$151,675	0.045%
280460	A 3	MID-SOUTH TEL. COMPANY INC.	\$1,069,821	4,382	\$244.14	\$0	0.000%
280461	C 3	SOUTHEAST MISSISSIPPI TELEPHONE CO.	\$1,844,461	3,413	\$540.42	\$0	0.000%
280462	A 3	MOUND BAYOU TEL. & COMMUNICATIONS	\$189,453	776	\$244.14	\$0	0.000%
280465	A 3	SHERWOOD TEL. CO., INC.	\$92,082	344	\$267.68	\$467	0.000%
280466	A 3	SLEDGE TEL. CO., INC.	\$102,621	407	\$252.14	\$0	0.000%
280467	A 3	SMITHVILLE TEL. CO.	\$204,589	838	\$244.14	\$0	0.000%
285184	C 1	SOUTH CENTRAL BELL-MISSISSIPPI	\$310,113,359	915,468	\$338.75	\$4,337,030	1.291%
STATE TOTAL: MISSOURI			\$569,999,571	2,441,530	\$233.46	\$21,711,582	6.462%
421186	C 2	GTE NORTH INC. - MISSOURI	\$25,879,424	85,720	\$301.91	\$1,276,692	0.380%
421206	A 3	IAMO TELEPHONE COMPANY - MO	\$319,790	1,107	\$288.88	\$11,035	0.003%
421759	A 3	CRAW-KAN TELEPHONE COOP INC - MO	\$534,237	1,960	\$272.57	\$6,554	0.002%
421789	C 2	CONTEL OF E. MISSOURI	\$799,279	6,028	\$132.59	\$0	0.000%
421807	C 3	MOKAN DIAL, INC. - MO	\$175,755	591	\$297.39	\$8,111	0.002%
421846	C 2	CONTINENTAL SYSTEMS OF MISSOURI	\$13,476,595	36,957	\$364.66	\$1,540,183	0.458%
421859	A 3	BOURBEUSE TELEPHONE COMPANY	\$352,782	1,445	\$244.14	\$0	0.000%
421860	A 3	ALMA TELEPHONE COMPANY	\$91,752	342	\$268.28	\$547	0.000%
421864	A 3	CHARITON VALLEY TELEPHONE CO.	\$1,793,005	6,993	\$256.40	\$0	0.000%
421865	C 3	CITIZENS TELEPHONE CO - MISSOURI	\$1,080,189	3,209	\$336.61	\$92,760	0.028%
421873	C 3	EASTERN MISSOURI TELEPHONE CO.	\$1,028,977	2,511	\$409.79	\$157,298	0.047%
421874	A 3	ELLINGTON TELEPHONE COMPANY	\$378,318	1,272	\$297.42	\$17,093	0.005%
421876	A 3	FARBER TELEPHONE COMPANY	\$66,031	207	\$318.99	\$4,595	0.001%
421882	C 3	FIDELITY TELEPHONE COMPANY	\$2,957,388	9,731	\$303.91	\$156,669	0.047%
421885	C 2	ALLTEL MISSOURI INC.	\$7,965,592	20,233	\$393.69	\$1,122,932	0.334%
421886	C 3	GOODMAN TEL. CO.	\$477,685	1,410	\$338.78	\$43,560	0.013%
421887	A 3	GRANBY TEL CO - MISSOURI	\$493,651	2,022	\$244.14	\$0	0.000%
421888	C 3	GRAND RIVER MUTUAL TEL CORP - MO	\$3,834,218	12,504	\$306.64	\$213,975	0.064%
421890	A 3	GREEN HILLS TELEPHONE CORP.	\$821,284	2,742	\$299.52	\$39,193	0.012%
421893	A 3	CHOCTAW TELEPHONE COMPANY	\$105,078	422	\$249.00	\$0	0.000%
421900	A 3	KLM TEL. CO.	\$333,491	1,181	\$282.38	\$8,658	0.003%
421901	C 3	KINGDOM TELEPHONE COMPANY	\$982,751	2,462	\$399.17	\$141,734	0.042%
421904	C 3	MISSOURI TELEPHONE COMPANY	\$4,234,074	15,420	\$274.58	\$58,596	0.017%
421908	C 3	LE-RU TELEPHONE COMPANY	\$681,668	961	\$709.33	\$195,948	0.058%
421912	A 3	MCDONALD COUNTY TELEPHONE CO.	\$470,946	1,929	\$244.14	\$0	0.000%
421914	A 3	MARK TWAIN RURAL TELEPHONE CO.	\$1,101,049	3,779	\$291.36	\$41,475	0.012%
421917	A 3	MID-MISSOURI TELEPHONE CO.	\$912,025	3,074	\$296.69	\$40,404	0.012%
421920	A 3	MILLER TELEPHONE COMPANY - MO	\$215,087	881	\$244.14	\$0	0.000%
421922	C 2	CONTEL OF MISSOURI, INC.	\$67,550,682	140,673	\$480.20	\$13,466,802	4.008%
421927	A 3	NEW FLORENCE TELEPHONE CO.	\$94,469	358	\$263.88	\$0	0.000%
421928	A 2	NEW LONDON TEL. CO.	\$149,658	613	\$244.14	\$0	0.000%
421929	C 3	HOLWAY TELEPHONE COMPANY	\$309,857	550	\$563.38	\$74,889	0.022%
421931	C 3	NORTHEAST MISSOURI RURAL TEL. CO.	\$1,605,366	3,360	\$477.79	\$322,476	0.096%
421932	A 3	LATHROP TELEPHONE COMPANY	\$266,845	1,093	\$244.14	\$0	0.000%
421934	C 2	ORCHARD FARM TELEPHONE COMPANY	\$289,016	662	\$436.58	\$50,118	0.015%
421935	A 3	OREGON FARMERS MUTUAL TEL. CO.	\$246,093	1,008	\$244.14	\$0	0.000%
421936	A 3	PEACE VALLEY TELEPHONE CO.	\$81,085	283	\$286.52	\$2,551	0.001%
421942	A 3	ROCK PORT TEL. CO.	\$374,755	1,535	\$244.14	\$0	0.000%
421945	A 3	SENECA TEL. CO.	\$554,686	2,272	\$244.14	\$0	0.000%

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MISSOURI (CONT.)							
421949	A 3	STEELVILLE TEL. EXCH. INC.	\$809,812	3,317	\$244.14	\$0	0.000%
421951	C 2	STOUTLAND TELEPHONE COMPANY	\$479,947	892	\$538.06	\$110,357	0.033%
421957	C 2	UNITED TELEPHONE CO. OF MISSOURI	\$49,382,243	163,386	\$302.24	\$2,495,721	0.743%
421964	A 3	WHEELING TELEPHONE COMPANY	\$115,311	337	\$342.17	\$10,656	0.003%
425213	C 1	SOUTHWESTERN BELL-MISSOURI	\$376,127,625	1,894,098	\$198.58	\$0	0.000%
STATE TOTAL: MONTANA			\$117,313,095	369,455	\$317.53	\$5,044,256	1.501%
482235	C 3	BLACKFOOT TEL. COOPERATIVE INC.	\$2,552,569	4,692	\$544.03	\$591,779	0.176%
482241	A 3	HOT SPRINGS TEL. CO.	\$99,518	388	\$256.49	\$0	0.000%
482242	C 3	INTERBEL TEL. COOPERATIVE INC.	\$356,127	856	\$416.04	\$55,982	0.017%
482244	C 3	LINCOLN TEL. CO. INC.	\$212,736	710	\$299.63	\$10,211	0.003%
482246	C 3	MID-RIVERS TEL. COOPERATIVE INC.	\$3,528,353	5,685	\$620.64	\$926,158	0.276%
482247	C 3	NEMONT TELEPHONE COOP.- MONTANA	\$1,239,362	2,271	\$545.73	\$290,262	0.086%
482248	C 3	NORTHERN TEL. COOP INC.- MT	\$612,965	1,208	\$507.42	\$131,710	0.039%
482249	C 2	NORTHWESTERN TELEPHONE SYSTEMS, INC.	\$8,834,201	28,996	\$304.67	\$483,508	0.144%
482250	C 3	PROJECT TEL. CO.	\$1,138,606	2,556	\$445.46	\$206,189	0.061%
482251	C 3	RANGE TEL. COOP INC.-MT	\$1,746,599	2,657	\$657.36	\$478,409	0.142%
482252	A 3	RONAN TEL. CO.	\$503,905	2,064	\$244.14	\$0	0.000%
482254	C 3	SOUTHERN MONTANA TEL. CO.	\$549,957	604	\$910.52	\$178,599	0.053%
482255	C 3	3-RIVERS TEL. COOPERATIVE INC.	\$2,521,179	8,382	\$300.78	\$128,035	0.038%
482257	C 3	TRIANGLE TEL. COOPERATIVE ASSN. INC.	\$3,165,050	8,094	\$391.04	\$435,002	0.129%
482258	C 3	VALLEY RURAL TEL. COOP. ASSN.-MT	\$607,132	724	\$838.58	\$192,285	0.057%
482416	C 2	GTE NORTHWEST INC. - MONTANA	\$2,330,860	6,149	\$379.06	\$301,608	0.090%
485104	C 1	MOUNTAIN BELL-MONTANA	\$87,313,976	293,419	\$297.57	\$634,519	0.189%
STATE TOTAL: NEBRASKA			\$160,924,959	807,575	\$199.27	\$2,535,224	0.755%
371186	C 2	GTE NORTH INC. - NEBRASKA	\$10,102,155	42,385	\$238.34	\$0	0.000%
371516	C 3	ARAPAHOE TELEPHONE COMPANY	\$410,182	1,004	\$408.55	\$62,173	0.019%
371517	C 3	ARLINGTON TELEPHONE COMPANY	\$423,368	899	\$470.93	\$81,629	0.024%
371524	C 3	BLAIR TELEPHONE COMPANY	\$1,408,163	5,178	\$271.95	\$13,269	0.004%
371525	C 3	THREE RIVER TELCO	\$535,715	1,207	\$443.84	\$95,708	0.028%
371526	A 3	CAMBRIDGE TELEPHONE COMPANY - NE	\$281,738	1,154	\$244.14	\$0	0.000%
371530	A 3	CONSOLIDATED TELCO, INC.	\$417,418	1,479	\$282.23	\$10,750	0.003%
371531	A 3	CLARKS TELEPHONE COMPANY	\$264,961	968	\$273.72	\$3,691	0.001%
371532	A 3	CONSOLIDATED TELEPHONE COMPANY- NE	\$860,718	2,814	\$305.87	\$47,469	0.014%
371534	C 3	COZAD TELEPHONE COMPANY	\$568,443	2,548	\$223.09	\$0	0.000%
371536	C 3	CURTIS TELEPHONE COMPANY	\$299,500	731	\$409.71	\$46,327	0.014%
371537	C 3	DALTON TEL. CO., INC.	\$613,497	1,254	\$489.23	\$126,043	0.038%
371540	C 3	DILLER TELEPHONE COMPANY	\$284,961	889	\$320.54	\$19,991	0.006%
371542	C 3	EASTERN NEBRASKA TELEPHONE COMPANY	\$858,123	2,358	\$363.92	\$98,004	0.029%
371544	A 3	ELSIE MUTUAL TELEPHONE COMPANY	\$65,409	204	\$320.63	\$4,665	0.001%
371545	A 3	EUSTIS TELEPHONE EXCHANGE INC.	\$111,572	457	\$244.14	\$0	0.000%
371553	A 3	GLENWOOD TELEPHONE MEMBERSHIP CORP.	\$622,801	2,551	\$244.14	\$0	0.000%
371555	A 3	HAMILTON TELEPHONE COMPANY	\$1,172,360	4,802	\$244.14	\$0	0.000%
371556	A 3	HARTINGTON TEL. CO.	\$332,030	1,360	\$244.14	\$0	0.000%
371557	C 3	HARTMAN TELEPHONE EXCHANGES INC.	\$295,690	437	\$676.64	\$81,812	0.024%
371558	C 3	HEMINGFORD COOP. TELEPHONE COMPANY	\$260,520	834	\$312.37	\$16,388	0.005%
371559	A 3	HENDERSON CO-OP TELEPHONE COMPANY	\$223,876	917	\$244.14	\$0	0.000%
371561	A 3	HERSHEY COOPERATIVE TELEPHONE CO	\$168,212	689	\$244.14	\$0	0.000%
371562	A 3	HOME TEL. CO. OF NE	\$182,971	681	\$268.68	\$1,200	0.000%
371563	A 3	HOOPER TELEPHONE COMPANY	\$283,202	1,160	\$244.14	\$0	0.000%
371565	A 3	K & M TELEPHONE COMPANY INC.	\$173,742	629	\$276.22	\$3,035	0.001%
371567	C 3	KEYSTONE-ARTHUR TELEPHONE COMPANY	\$287,070	554	\$518.18	\$63,198	0.019%
371568	C 2	LINCOLN TEL. & TELE. CO.	\$40,632,417	224,786	\$180.76	\$0	0.000%
371574	C 3	NEBRASKA CENTRAL TELEPHONE COMPANY	\$1,861,063	5,796	\$321.09	\$131,316	0.039%
371576	A 3	NORTHEAST NEBRASKA TELEPHONE COMPANY	\$1,049,007	3,810	\$275.33	\$17,002	0.005%
371577	C 3	GREAT PLAINS COMMUNICATIONS, INC.	\$7,728,942	24,746	\$312.33	\$496,621	0.148%
371580	C 3	PETERSBURG TELEPHONE COMPANY	\$252,029	446	\$565.09	\$60,600	0.018%

TABLE 3.6

National Exchange Carrier Association  
Universal Service Fund  
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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
NEBRASKA (CONT.)							
371581	A 3	PIERCE TELEPHONE COMPANY	\$403,808	1,654	\$244.14	\$0	0.000%
371582	A 3	PLAINVIEW TELEPHONE COMPANY INC.	\$283,935	1,163	\$244.14	\$0	0.000%
371586	C 3	ROCK COUNTY TEL. CO.	\$748,760	980	\$764.04	\$224,794	0.067%
371590	A 3	SODTOWN TEL. CO.	\$34,718	80	\$433.98	\$5,959	0.002%
371591	C 3	SOUTHEAST NEBRASKA TEL. CO.	\$2,000,089	3,828	\$522.49	\$440,459	0.131%
371592	C 3	STANTON TEL. CO., INC.	\$469,266	1,004	\$467.40	\$90,096	0.027%
371595	C 2	UNITED TELEPHONE CO. OF THE WEST-NE	\$5,948,010	23,075	\$257.77	\$0	0.000%
371597	C 3	WAUNETA TEL. CO.	\$492,737	621	\$793.46	\$150,899	0.045%
372455	C 3	BENKELMAN TELEPHONE COMPANY INC.	\$628,491	1,185	\$530.37	\$142,126	0.042%
375143	C 1	NORTHWESTERN BELL-NEBRASKA	\$76,883,290	434,258	\$177.05	\$0	0.000%
STATE TOTAL:		NEVADA	\$129,220,904	624,741	\$206.84	\$1,962,415	0.584%
552220	A 3	FILER MUTUAL TELEPHONE COMPANY - NV	\$94,874	360	\$263.54	\$0	0.000%
552223	C 2	GEM STATE UTILITIES CORP-NV	\$203,672	333	\$611.63	\$52,535	0.016%
552233	C 3	RURAL TELEPHONE COMPANY - NV	\$309,277	349	\$886.18	\$99,515	0.030%
552284	C 3	BEEHIVE TELEPHONE COMPANY, INC., NV	\$14,349	31	\$462.87	\$2,746	0.001%
552302	C 2	CONTEL OF CALIFORNIA - NEVADA	\$6,320,927	17,576	\$359.63	\$687,661	0.205%
552304	C 2	C P NATIONAL CORP. - NEVADA	\$4,141,258	10,781	\$384.13	\$558,052	0.166%
552348	C 2	CENTRAL TELEPHONE COMPANY - NEVADA	\$56,009,017	376,213	\$148.88	\$0	0.000%
552349	C 3	CHURCHILL CO. TEL. & TEL. SYSTEM	\$2,848,279	7,993	\$356.35	\$302,085	0.090%
552351	C 3	LINCOLN COUNTY TELEPHONE SYSTEM INC.	\$435,730	1,501	\$290.29	\$15,254	0.005%
552353	C 3	MOAPA VALLEY TELEPHONE COMPANY	\$434,626	2,038	\$213.26	\$0	0.000%
552354	C 2	NEVADA TELEPHONE-TELEGRAPH COMPANY	\$687,975	2,475	\$277.97	\$13,705	0.004%
552356	C 3	RIO VIRGIN TELEPHONE COMPANY	\$291,100	1,056	\$275.66	\$5,148	0.002%
555173	C 1	NEVADA BELL	\$57,429,820	204,035	\$281.47	\$225,714	0.067%
STATE TOTAL:		NEW HAMPSHIRE	\$189,948,296	595,465	\$318.99	\$2,404,133	0.716%
120038	C 3	BRETTON WOODS TEL. CO.	\$53,357	300	\$177.86	\$0	0.000%
120039	C 3	GRANITE STATE TEL., INC.	\$2,026,842	6,653	\$304.65	\$105,284	0.031%
120040	C 2	CHICHESTER TEL. CO.	\$201,325	1,090	\$184.70	\$0	0.000%
120041	C 2	CONTEL OF NEW HAMPSHIRE, INC.	\$2,680,280	9,161	\$292.58	\$104,378	0.031%
120042	A 3	DIXVILLE TEL. CO.	\$42,231	106	\$398.41	\$6,129	0.002%
120043	A 3	DUNBARTON TEL. CO.	\$227,294	931	\$244.14	\$0	0.000%
120045	C 2	KEARSARGE TEL. CO.	\$1,191,097	5,153	\$231.15	\$0	0.000%
120046	C 2	MERIDEN TEL. CO.	\$92,903	415	\$223.86	\$0	0.000%
120047	C 3	MERRIMACK COUNTY TEL. CO.	\$1,562,930	5,805	\$269.24	\$9,687	0.003%
120049	C 3	UNION TEL. CO.	\$960,366	5,187	\$185.15	\$0	0.000%
120050	C 3	WILTON TEL. CO. - NH	\$823,401	2,177	\$378.23	\$105,272	0.031%
125113	C 1	NEW ENGLAND TEL.-NH	\$180,086,270	558,487	\$322.45	\$2,073,383	0.617%
STATE TOTAL:		NEW JERSEY	\$763,862,026	4,714,496	\$162.02	\$0	0.000%
160135	C 3	WARWICK VALLEY TEL. CO.-NJ	\$750,189	6,785	\$110.57	\$0	0.000%
160138	C 2	UNITED TEL. CO. OF NJ, INC.	\$35,580,976	135,362	\$262.86	\$0	0.000%
165120	C 1	NEW JERSEY BELL	\$727,530,861	4,572,349	\$159.12	\$0	0.000%
STATE TOTAL:		NEW MEXICO	\$179,741,275	639,421	\$281.10	\$10,638,649	3.166%
492066	C 3	DELL TELEPHONE CO-OP. INC.-NM	\$635,348	250	\$2,541.39	\$265,584	0.079%
492080	C 2	GTE SOUTHWEST INC. - NEW MEXICO	\$9,536,403	36,636	\$260.30	\$0	0.000%
492176	C 3	VALLEY TELEPHONE COOPERATIVE INC-NM	\$870,551	1,132	\$769.04	\$262,320	0.078%
492177	C 2	CONTEL OF THE WEST - NEW MEXICO	\$12,936,640	26,482	\$488.51	\$2,666,903	0.794%
492259	C 3	BACA VALLEY TEL. CO.	\$658,930	556	\$1,185.13	\$237,874	0.071%
492262	C 3	E.N.M.R. TEL COOP. INC.-NM	\$8,436,187	8,981	\$939.34	\$2,802,128	0.834%
492263	C 3	LA JICARITA RURAL TEL. COOP. INC.	\$720,195	1,391	\$517.75	\$157,027	0.047%
492264	C 3	LEACO RURAL TEL. COOPERATIVE INC.	\$741,602	756	\$980.96	\$249,206	0.074%
492268	C 3	WESTERN NEW MEXICO TEL. CO., INC.	\$5,110,635	3,998	\$1,278.30	\$1,883,908	0.561%
492270	C 3	PENASCO VALLEY TEL. COOPERATIVE INC.	\$2,392,395	1,949	\$1,227.50	\$868,633	0.259%

TABLE 3.6

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NEW MEXICO (CONT.)							
492272	C 3	ROOSEVELT COUNTY RURAL TEL. COOP., INC	\$1,183,205	1,413	\$837.37	\$370,824	0.110%
492274	C 2	UNIVERSAL TEL CO OF SOUTHWEST- NM	\$978,655	3,354	\$291.79	\$37,565	0.011%
492275	C 2	NAVAJO COMMUNICATIONS CO INC.-NM	\$2,616,092	3,025	\$864.82	\$836,677	0.249%
495105	C 1	MOUNTAIN BELL-NEW MEXICO	\$132,924,437	549,498	\$241.90	\$0	0.000%
STATE TOTAL: NEW YORK			\$2,185,214,675	10,200,580	\$214.22	\$7,137,872	2.124%
150071	A 3	ARMSTRONG TELEPHONE COMPANY - NY	\$698,973	2,863	\$244.14	\$0	0.000%
150072	C 2	AU SABLE VALLEY TEL. CO. INC.	\$1,571,404	5,410	\$290.46	\$54,844	0.016%
150073	A 3	BERKSHIRE TEL. CORP.	\$1,172,116	4,801	\$244.14	\$0	0.000%
150076	A 3	CASSADAGA TEL. CORP.	\$294,677	1,207	\$244.14	\$0	0.000%
150077	C 3	CHAMPLAIN TEL. CO.	\$1,035,035	4,319	\$239.65	\$0	0.000%
150078	C 3	CHAUTAUQUA & ERIE TEL. CORP.	\$1,670,318	8,656	\$192.97	\$0	0.000%
150079	A 3	CHAZY & WESTPORT TEL. CORP.	\$695,311	2,848	\$244.14	\$0	0.000%
150081	C 3	CITIZENS TEL. CO. OF HAMMOND, NY	\$526,670	780	\$675.22	\$147,074	0.044%
150082	C 2	CLYMER TEL. CO.	\$263,794	750	\$351.73	\$27,263	0.008%
150084	C 3	TACONIC TEL. CORP.	\$3,645,157	17,739	\$205.49	\$0	0.000%
150085	C 3	CROWN POINT TELEPHONE CORPORATION	\$431,410	648	\$665.76	\$118,386	0.035%
150088	A 3	DELHI TELEPHONE COMPANY	\$930,418	3,811	\$244.14	\$0	0.000%
150089	A 3	DEPOSIT TELEPHONE CO. INC.	\$1,601,558	6,560	\$244.14	\$0	0.000%
150091	C 3	DUNKIRK AND FREDONIA TEL. CO.	\$942,203	8,297	\$113.56	\$0	0.000%
150092	C 2	EDWARDS TELEPHONE CO. INC.	\$796,352	1,538	\$517.78	\$174,371	0.052%
150093	C 3	EMPIRE TELEPHONE CORP - NEW YORK	\$1,674,850	5,907	\$283.54	\$44,192	0.013%
150095	A 3	THE FISHERS ISLAND TEL. CO.	\$216,796	888	\$244.14	\$0	0.000%
150096	C 2	CONTEL OF NEW YORK, INC.	\$62,032,736	187,617	\$330.63	\$5,148,914	1.532%
150097	C 3	GERMANTOWN TELEPHONE CO INC.	\$809,982	1,806	\$448.50	\$145,439	0.043%
150099	C 3	HANCOCK TELEPHONE COMPANY - NY	\$466,382	1,275	\$365.79	\$53,335	0.016%
150100	C 2	HIGHLAND TELEPHONE CO.	\$9,523,481	47,387	\$200.97	\$0	0.000%
150104	A 3	MARGARETVILLE TEL. CO. INC.	\$681,883	2,793	\$244.14	\$0	0.000%
150105	C 3	MIDDLEBURGH TELEPHONE CO.	\$1,629,675	4,307	\$378.38	\$209,993	0.062%
150106	C 2	ALLTEL NEW YORK INC.- FULTON	\$9,326,230	37,693	\$247.43	\$0	0.000%
150107	A 3	NEWPORT TELEPHONE CO. INC.	\$530,028	2,171	\$244.14	\$0	0.000%
150108	C 3	NICHOLVILLE TEL. CO. INC.	\$460,133	1,385	\$332.23	\$37,819	0.011%
150109	C 2	ALLTEL NEW YORK INC. - JAMESTOWN	\$7,054,409	38,955	\$181.09	\$0	0.000%
150110	C 3	OGDEN TELEPHONE COMPANY - NY	\$2,273,901	16,899	\$134.56	\$0	0.000%
150111	A 3	ONEIDA COUNTY RURAL TEL. CO.	\$739,012	3,027	\$244.14	\$0	0.000%
150112	A 3	ONTARIO TEL CO INC	\$923,337	3,782	\$244.14	\$0	0.000%
150113	C 2	ALLTEL NY INC. - RED JACKET	\$447,381	2,380	\$187.98	\$0	0.000%
150114	A 2	ORISKANY FALLS TELEPHONE CORP.	\$161,865	663	\$244.14	\$0	0.000%
150116	C 3	PATTERSONVILLE TEL CO- NEW YORK	\$260,678	1,080	\$241.37	\$0	0.000%
150118	A 3	PORT BYRON TELEPHONE COMPANY	\$627,440	2,570	\$244.14	\$0	0.000%
150119	C 2	RED HOOK TELEPHONE COMPANY	\$3,092,928	11,407	\$271.14	\$32,367	0.010%
150121	C 2	ROCHESTER TELEPHONE CORPORATION	\$84,074,094	437,892	\$192.00	\$0	0.000%
150122	C 2	SENECA-GORHAM TEL. CORP.	\$1,478,992	7,431	\$199.03	\$0	0.000%
150125	A 3	STATE TEL. CO.	\$1,640,377	6,719	\$244.14	\$0	0.000%
150128	C 2	SYLVAN LAKE TELEPHONE COMPANY	\$2,914,010	13,117	\$222.16	\$0	0.000%
150129	A 3	TOWNSHIP TELEPHONE COMPANY INC.	\$771,238	3,159	\$244.14	\$0	0.000%
150131	A 3	TRUMANSBURG HOME TELEPHONE COMPANY	\$1,242,917	5,091	\$244.14	\$0	0.000%
150133	C 3	VERNON TELEPHONE COMPANY INC.	\$497,251	2,136	\$232.80	\$0	0.000%
150135	C 3	WARWICK VALLEY TEL. CO.-NY	\$1,415,183	10,472	\$135.14	\$0	0.000%
150136	C 2	WESTERN COUNTIES TELEPHONE CO.	\$7,079,044	18,321	\$386.39	\$943,875	0.281%
155130	C 1	NEW YORK TELEPHONE	\$1,964,893,046	9,252,023	\$212.37	\$0	0.000%
STATE TOTAL: NORTH CAROLINA			\$845,997,042	3,123,618	\$270.84	\$8,791,898	2.617%
230468	C 3	ATLANTIC TELEPHONE MEMB. CORP.	\$3,874,034	18,605	\$208.23	\$0	0.000%
230469	C 2	BARNARDSVILLE TELEPHONE COMPANY	\$217,410	840	\$258.82	\$0	0.000%
230470	C 2	CAROLINA TELEPHONE & TEL. CO.	\$191,980,388	747,123	\$256.96	\$0	0.000%
230471	C 2	CENTEL OF NORTH CAROLINA	\$35,963,950	186,735	\$192.59	\$0	0.000%
230473	C 3	CITIZENS TELEPHONE COMPANY - NC	\$3,838,606	13,200	\$290.80	\$135,713	0.040%

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----- NORTH CAROLINA (CONT.) -----							
230474	C 3	THE CONCORD TELEPHONE COMPANY	\$9,339,800	72,465	\$128.89	\$0	0.000%
230476	C 2	ALLTEL CAROLINA INC. - NORTH	\$26,455,599	89,562	\$295.39	\$1,099,933	0.327%
230478	A 3	ELLERBE TELEPHONE COMPANY	\$396,728	1,625	\$244.14	\$0	0.000%
230479	C 2	GTE SOUTH INC. - NORTH CAROLINA	\$30,515,169	134,155	\$227.46	\$0	0.000%
230481	C 2	HEINS TELEPHONE COMPANY	\$4,810,340	22,635	\$212.52	\$0	0.000%
230483	A 3	LEXINGTON TELEPHONE COMPANY	\$5,807,602	23,788	\$244.14	\$0	0.000%
230485	A 3	MEBANE HOME TELEPHONE CO.	\$1,422,848	5,828	\$244.14	\$0	0.000%
230491	A 2	NORTH STATE TELEPHONE CO. - NC	\$20,490,426	83,929	\$244.14	\$0	0.000%
230494	A 3	PINEVILLE TELEPHONE CO.	\$324,950	1,331	\$244.14	\$0	0.000%
230495	A 3	RANDOLPH TEL. CO.	\$755,369	3,094	\$244.14	\$0	0.000%
230496	A 3	RANDOLPH TELEPHONE MEMB. CORP.	\$1,524,654	6,245	\$244.14	\$0	0.000%
230497	A 3	PIEDMONT TELEPHONE MEMB. CORP.	\$576,415	2,361	\$244.14	\$0	0.000%
230498	A 2	SALUDA MOUNTAIN TEL. CO.	\$240,722	986	\$244.14	\$0	0.000%
230499	A 2	SANDHILL TELEPHONE COMPANY	\$927,244	3,798	\$244.14	\$0	0.000%
230500	A 2	SERVICE TELEPHONE COMPANY	\$237,060	971	\$244.14	\$0	0.000%
230501	A 3	SKYLINE TEL. MEMB. CORP.	\$5,531,480	22,657	\$244.14	\$0	0.000%
230502	C 3	STAR TEL. MEMB. CORP.	\$2,836,225	11,795	\$240.46	\$0	0.000%
230503	A 3	SURRY TEL. MEMB. CORP.	\$2,270,014	9,298	\$244.14	\$0	0.000%
230505	A 3	TRI-COUNTY TEL. MEMB. CORP. - NC	\$640,868	2,625	\$244.14	\$0	0.000%
230509	C 2	CONTEL OF NORTH CAROLINA, INC.	\$31,572,833	78,589	\$401.75	\$4,680,466	1.393%
230510	C 3	WILKES TELEPHONE MEMB. CORP.	\$2,184,384	7,224	\$302.38	\$108,541	0.032%
230511	A 3	YADKIN VALLEY TEL. MEMB. CORP.	\$4,544,178	18,613	\$244.14	\$0	0.000%
235193	C 1	SOUTHERN BELL-NORTH CAROLINA	\$456,717,746	1,553,541	\$293.98	\$2,767,245	0.824%
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STATE TOTAL:		NORTH DAKOTA	\$90,321,490	339,394	\$266.13	\$1,298,483	0.386%
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381447	C 2	CONTEL OF NORTH DAKOTA, INC.	\$2,616,234	9,725	\$269.02	\$19,450	0.006%
381509	A 3	WOLVERTON TEL. CO.	\$102,127	281	\$363.44	\$11,640	0.003%
381601	A 3	ABSARAKA COOP TELEPHONE CO.	\$18,238	32	\$569.94	\$4,423	0.001%
381604	A 3	BEK TELEPHONE MUTUAL AID CORP.	\$1,024,363	3,673	\$278.89	\$21,717	0.006%
381607	C 3	CONSOLIDATED TELEPHONE COOPERATIVE	\$2,392,136	4,055	\$589.92	\$602,497	0.179%
381610	A 3	DAKOTA CENTRAL RURAL TEL COOP ASSN	\$672,397	2,391	\$281.22	\$16,393	0.005%
381611	A 3	DICKEY RURAL TEL COOP.	\$982,272	2,654	\$370.11	\$118,236	0.035%
381614	A 3	GILBY TELEPHONE COMPANY	\$79,386	274	\$289.73	\$2,826	0.001%
381615	A 3	GRIGGS COUNTY TELEPHONE COMPANY	\$372,558	1,526	\$244.14	\$0	0.000%
381616	C 3	INTER-COMMUNITY TELEPHONE COMPANY	\$600,746	1,226	\$490.00	\$124,125	0.037%
381617	C 3	MIDSTATE TELEPHONE COMPANY	\$385,324	1,366	\$282.08	\$9,630	0.003%
381622	A 3	MOORE & LIBERTY TELEPHONE COMPANY	\$188,232	771	\$244.14	\$0	0.000%
381623	A 3	NOONAN FARMERS TELEPHONE COMPANY	\$65,200	203	\$321.18	\$4,688	0.001%
381624	A 3	NORTHERN STATES POWER CO. TEL. DEPT.	\$5,234,606	21,441	\$244.14	\$0	0.000%
381625	A 3	NORTHWEST COMMUNICATIONS COOPERATIVE	\$1,032,044	3,560	\$289.90	\$36,957	0.011%
381630	C 3	POLAR COMMUNICATIONS MUTUAL AID CORP	\$1,912,519	8,167	\$234.18	\$0	0.000%
381631	A 3	RED RIVER RURAL TEL. ASSN.	\$523,565	1,750	\$299.18	\$24,773	0.007%
381632	C 3	RESERVATION TELEPHONE COOPERATIVE	\$1,740,380	4,194	\$414.97	\$277,984	0.083%
381634	C 3	SOURIS RIVER TEL. MUTUAL AID CORP.	\$2,914,827	11,481	\$253.88	\$0	0.000%
381636	A 3	UNITED TELEPHONE MUTUAL AID CORP.	\$1,081,052	4,428	\$244.14	\$0	0.000%
381637	C 3	WEST RIVER MUTUAL AID TELEPHONE CORP	\$1,792,179	8,661	\$206.93	\$0	0.000%
381638	A 3	YORK TELEPHONE COMPANY	\$21,356	40	\$533.90	\$4,853	0.001%
382247	A 3	NEMONT TELEPHONE COOPERATIVE - ND	\$117,141	284	\$412.47	\$18,291	0.005%
385144	C 1	NORTHWESTERN BELL-NORTH DAKOTA	\$64,452,608	247,211	\$260.72	\$0	0.000%
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STATE TOTAL:		OHIO	\$1,096,088,748	5,156,325	\$212.57	\$865,517	0.258%
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300585	A 2	ARCADIA TEL. CO.	\$166,748	683	\$244.14	\$0	0.000%
300586	A 3	THE ARTHUR MUTUAL TELEPHONE COMPANY	\$259,521	1,063	\$244.14	\$0	0.000%
300588	A 3	AYERSVILLE TELEPHONE COMPANY	\$246,826	1,011	\$244.14	\$0	0.000%
300589	A 3	BASCOM MUTUAL TELEPHONE COMPANY	\$122,314	501	\$244.14	\$0	0.000%
300590	A 3	BENTON RIDGE TELEPHONE COMPANY	\$273,801	1,018	\$268.96	\$1,909	0.001%
300591	A 3	BUCKLAND MUTUAL TELEPHONE COMPANY	\$164,306	673	\$244.14	\$0	0.000%
300594	A 3	THE CHAMPAIGN TELEPHONE COMPANY	\$2,150,873	8,810	\$244.14	\$0	0.000%



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OHIO (CONT.)							
300597	C 3	CHILLICOTHE TELEPHONE COMPANY	\$7,792,433	25,017	\$311.49	\$468,287	0.139%
300598	A 3	MCCLURE TELEPHONE COMPANY	\$153,320	628	\$244.14	\$0	0.000%
300604	A 3	COLUMBUS GROVE TELEPHONE COMPANY	\$353,759	1,449	\$244.14	\$0	0.000%
300606	A 3	CONNEAUT TELEPHONE COMPANY	\$1,499,752	6,143	\$244.14	\$0	0.000%
300607	C 2	CONTINENTAL TELEPHONE CO OF OHIO	\$597,471	2,003	\$298.29	\$27,804	0.008%
300609	A 3	DOYLESTOWN TELEPHONE COMPANY	\$745,115	3,052	\$244.14	\$0	0.000%
300611	A 2	ELYRIA TELEPHONE COMPANY	\$9,962,621	40,807	\$244.14	\$0	0.000%
300612	A 3	THE FARMERS MUTUAL TEL CO - OKOLONA	\$99,565	388	\$256.61	\$0	0.000%
300613	C 2	FAYETTEVILLE TELEPHONE COMPANY	\$423,079	1,182	\$357.93	\$45,138	0.013%
300614	A 3	FORT JENNINGS TELEPHONE COMPANY	\$127,197	521	\$244.14	\$0	0.000%
300615	C 2	GTE NORTH INC. - OHIO	\$142,324,372	621,570	\$228.98	\$0	0.000%
300618	A 3	GERMANTOWN INDEPENDENT TEL. CO.	\$817,625	3,349	\$244.14	\$0	0.000%
300619	A 3	THE GLANDORF TELEPHONE CO. INC.	\$168,945	692	\$244.14	\$0	0.000%
300620	C 2	HARLAN TELEPHONE COMPANY	\$197,357	687	\$287.27	\$6,110	0.002%
300625	A 3	KALIDA TELEPHONE CO. INC.	\$213,134	873	\$244.14	\$0	0.000%
300630	C 2	CENTRAL TELEPHONE COMPANY OF OHIO	\$10,080,816	59,420	\$169.65	\$0	0.000%
300633	A 3	MIDDLE POINT HOME TELEPHONE COMPANY	\$129,882	532	\$244.14	\$0	0.000%
300634	A 3	MINFORD TELEPHONE COMPANY INC.	\$521,239	2,135	\$244.14	\$0	0.000%
300637	A 2	ALLTEL OHIO INC - NEWARK	\$9,322,974	38,187	\$244.14	\$0	0.000%
300639	A 3	THE NEW KNOXVILLE TELEPHONE COMPANY	\$229,003	938	\$244.14	\$0	0.000%
300644	A 3	THE NOVA TELEPHONE COMPANY	\$195,912	757	\$258.80	\$0	0.000%
300645	A 3	OAKWOOD MUTUAL TELEPHONE COMPANY	\$243,896	999	\$244.14	\$0	0.000%
300649	A 3	ORWELL TELEPHONE COMPANY	\$1,215,329	4,978	\$244.14	\$0	0.000%
300650	A 3	THE OTTOVILLE MUTUAL TEL. COMPANY	\$263,183	1,078	\$244.14	\$0	0.000%
300651	A 3	PATTERSONVILLE TELEPHONE CO- OH	\$85,880	309	\$277.93	\$1,705	0.001%
300654	A 3	RIDGEVILLE TELEPHONE COMPANY	\$135,742	556	\$244.14	\$0	0.000%
300656	A 3	SHERWOOD MUTUAL TEL. ASSOC.	\$233,642	957	\$244.14	\$0	0.000%
300658	A 3	SYCAMORE TELEPHONE COMPANY	\$339,355	1,390	\$244.14	\$0	0.000%
300659	A 3	TELEPHONE SERVICE COMPANY	\$1,774,410	7,268	\$244.14	\$0	0.000%
300661	C 2	UNITED TELEPHONE CO. OF OHIO	\$118,333,149	429,594	\$275.45	\$260,441	0.078%
300662	A 3	VANLUE TELEPHONE COMPANY	\$140,869	577	\$244.14	\$0	0.000%
300663	A 3	VAUGHNSVILLE TELEPHONE COMPANY INC.	\$79,939	277	\$288.59	\$2,728	0.001%
300664	A 3	WABASH MUTUAL TELEPHONE COMPANY	\$157,470	645	\$244.14	\$0	0.000%
300665	C 2	ALLTEL OHIO INC - WESTERN OHIO	\$4,596,730	16,955	\$271.11	\$51,395	0.015%
300666	A 2	WESTERN RESERVE TELEPHONE COMPANY	\$27,160,331	111,249	\$244.14	\$0	0.000%
300682	C 2	C, C & S TELCO, INC. - OHIO	\$86,388	465	\$185.78	\$0	0.000%
305062	C 2	CINCINNATI BELL-OHIO	\$97,053,950	618,701	\$156.87	\$0	0.000%
305150	C 1	OHIO BELL TEL CO	\$654,848,525	3,136,238	\$208.80	\$0	0.000%
STATE TOTAL: OKLAHOMA			\$423,483,893	1,469,070	\$288.27	\$14,209,725	4.229%
431704	A 3	LAVACA TELEPHONE CO.- OK	\$267,333	1,095	\$244.14	\$0	0.000%
431788	C 3	KANOKLA TELEPHONE ASSN. INC. - OK	\$607,714	1,254	\$484.62	\$123,245	0.037%
431831	C 3	SOUTH CENTRAL TEL. ASSN., INC.-OK	\$122,535	396	\$309.43	\$7,603	0.002%
431965	C 2	ALLTEL OKLAHOMA, INC.	\$5,757,543	10,618	\$542.24	\$1,329,241	0.396%
431966	C 3	ATLAS TELEPHONE CO.	\$609,852	1,409	\$432.83	\$103,597	0.031%
431968	A 3	BEGGS TELEPHONE COMPANY	\$315,185	1,291	\$244.14	\$0	0.000%
431969	A 3	BIXBY TELEPHONE CO.	\$1,398,434	5,728	\$244.14	\$0	0.000%
431974	C 3	CANADIAN VALLEY TELEPHONE CO.	\$388,418	811	\$478.94	\$77,217	0.023%
431976	C 3	CARNEGIE TELEPHONE CO. INC.	\$452,529	1,530	\$295.77	\$18,685	0.006%
431977	A 3	CENTRAL OKLAHOMA TELEPHONE CO.	\$581,163	2,053	\$283.08	\$15,628	0.005%
431979	C 3	CHEROKEE TELEPHONE CO.	\$1,033,496	4,144	\$249.40	\$0	0.000%
431980	C 3	CHICKASAW TELEPHONE CO.	\$1,989,704	6,924	\$287.36	\$68,158	0.020%
431981	C 3	CHOUTEAU TELEPHONE CO.	\$1,392,060	2,696	\$516.34	\$301,986	0.090%
431982	A 3	CIMARRON TEL. CO.	\$1,524,654	6,245	\$244.14	\$0	0.000%
431984	C 2	OKLAHOMA COMMUNICATION SYSTEMS INC.	\$6,107,374	12,479	\$489.41	\$1,263,109	0.376%
431985	C 3	CROSS TELEPHONE CO.	\$2,192,509	7,225	\$303.46	\$117,632	0.035%
431988	C 3	DOBSON TELEPHONE CO.	\$2,869,401	4,098	\$700.20	\$814,298	0.242%
431994	C 3	GRAND TELEPHONE CO. INC.	\$822,314	2,163	\$380.17	\$105,879	0.032%
431995	C 3	HINTON TELEPHONE CO.	\$1,201,113	3,139	\$382.64	\$156,008	0.046%

TABLE 3.6

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OKLAHOMA (CONT.)							
432006	C 3	M CLOUD TELEPHONE CO.	\$1,812,114	5,764	\$314.38	\$115,100	0.034%
432008	A 3	MEDICINE PARK TELEPHONE CO.	\$135,254	554	\$244.14	\$0	0.000%
432010	A 2	MID-AMERICA TEL., INC.	\$374,713	1,413	\$265.19	\$486	0.000%
432011	C 2	OKLAHOMA ALLTEL, INC.	\$4,657,660	9,891	\$470.90	\$900,514	0.268%
432013	C 3	OKLAHOMA TELEPHONE & TELEGRAPH INC.	\$822,625	1,735	\$474.14	\$162,125	0.048%
432014	C 3	OKLAHOMA WESTERN TELEPHONE CO.	\$1,463,158	2,475	\$591.17	\$364,165	0.108%
432016	C 3	PANHANDLE TELEPHONE COOPERATIVE INC.	\$2,241,713	4,213	\$532.09	\$504,744	0.150%
432017	A 3	PINE TELEPHONE CO INC- OK	\$1,252,926	5,132	\$244.14	\$0	0.000%
432018	C 3	PIONEER TEL. COOP. INC.	\$10,979,069	34,812	\$315.38	\$734,098	0.218%
432020	C 3	POTTAWATOMIE TELEPHONE CO.	\$1,632,791	1,724	\$947.09	\$545,193	0.162%
432022	A 3	SALINA-SPAVINAW TEL. CO., INC.	\$1,393,795	5,709	\$244.14	\$0	0.000%
432023	A 3	SHIDLER TEL. CO.	\$302,639	907	\$333.67	\$25,543	0.008%
432025	A 3	SOUTHWEST OKLAHOMA TEL. CO.	\$305,596	920	\$332.17	\$25,352	0.008%
432029	A 3	TERRAL TEL. CO.	\$83,196	294	\$282.98	\$2,227	0.001%
432030	C 3	TOTAH TELEPHONE CO. INC.	\$1,257,020	1,660	\$757.24	\$377,598	0.112%
432032	C 3	VALLIANT TELEPHONE COMPANY	\$646,371	1,734	\$372.76	\$80,750	0.024%
432034	C 2	WYANDOTTE TELEPHONE COMPANY	\$213,819	359	\$595.60	\$54,220	0.016%
432080	C 2	GTE SOUTHWEST INC. - OKLAHOMA	\$39,272,189	99,230	\$395.77	\$5,589,750	1.664%
432141	A 3	SANTA ROSA TELEPHONE COOP. INC.	\$205,720	657	\$313.12	\$13,021	0.004%
435215	C 1	SOUTHWESTERN BELL-OKLAHOMA	\$324,798,194	1,214,589	\$267.41	\$212,553	0.063%
STATE TOTAL:		OREGON	\$341,718,898	1,393,045	\$245.30	\$6,749,776	2.009%
532226	C 3	MIDVALE TEL. EXCH. INC. - OR	\$160,503	171	\$938.61	\$53,316	0.016%
532304	C 2	C P NATIONAL CORP. - OREGON	\$3,896,761	9,364	\$416.14	\$613,752	0.183%
532359	C 3	BEAVER CREEK COOPERATIVE TEL. CO.	\$882,549	3,118	\$283.05	\$24,652	0.007%
532361	C 2	TELEPHONE UTILITIES OF OREGON INC.	\$16,104,040	34,788	\$462.92	\$3,080,477	0.917%
532362	C 3	CANBY TELEPHONE ASSOCIATION	\$1,277,540	7,218	\$176.99	\$0	0.000%
532363	C 3	CLEAR CREEK MUTUAL TELEPHONE CO.	\$1,000,245	2,700	\$370.46	\$119,003	0.035%
532364	C 3	COLTON TELEPHONE COMPANY	\$341,560	951	\$359.16	\$38,070	0.011%
532369	A 3	EAGLE TELEPHONE SYSTEM INC.	\$87,184	316	\$275.90	\$1,483	0.000%
532371	C 3	CASCADE UTILITIES INC.	\$1,715,228	6,956	\$246.58	\$0	0.000%
532373	A 3	GERVAIS TELEPHONE COMPANY	\$179,687	736	\$244.14	\$0	0.000%
532375	C 3	RTI/HALSEY TEL. CO.	\$263,030	566	\$464.72	\$50,756	0.015%
532376	C 3	HELIX TELEPHONE COMPANY	\$153,722	235	\$654.14	\$42,106	0.013%
532377	C 2	HOME TELEPHONE COMPANY	\$342,802	535	\$640.75	\$91,492	0.027%
532378	C 3	TRANS-CASCADES TELEPHONE COMPANY	\$182,162	88	\$2,070.02	\$73,994	0.022%
532383	C 3	MOLALLA TELEPHONE COMPANY	\$1,651,543	4,257	\$387.96	\$227,537	0.068%
532384	A 3	MONITOR COOPERATIVE TELEPHONE CO	\$131,103	537	\$244.14	\$0	0.000%
532385	C 3	MONROE TELEPHONE COMPANY	\$207,957	671	\$309.92	\$12,485	0.004%
532386	A 3	MT. ANGEL TELEPHONE COMPANY	\$332,519	1,362	\$244.14	\$0	0.000%
532387	C 3	NEHALEM TELEPHONE AND TELEGRAPH	\$450,776	1,833	\$245.92	\$0	0.000%
532388	C 3	NORTH STATE TELEPHONE COMPANY - OR	\$165,772	375	\$442.06	\$29,044	0.009%
532389	C 3	OREGON TELEPHONE CORPORATION	\$406,045	1,285	\$315.99	\$26,720	0.008%
532391	A 3	PEOPLES TELEPHONE COMPANY - OR	\$274,658	1,125	\$244.14	\$0	0.000%
532392	C 3	PINE TELEPHONE SYSTEM INC. - OR	\$324,013	636	\$509.45	\$69,292	0.021%
532393	C 3	PIONEER TELEPHONE COOPERATIVE	\$2,271,364	9,955	\$228.16	\$0	0.000%
532396	A 3	ST. PAUL COOP. TEL. ASSN.	\$107,910	440	\$245.25	\$0	0.000%
532397	C 3	SCIO MUTUAL TEL. ASSOCIATION	\$417,255	1,298	\$321.46	\$30,698	0.009%
532399	A 3	STAYTON COOP. TEL CO	\$1,110,349	4,548	\$244.14	\$0	0.000%
532400	C 2	UNITED TELEPHONE CO OF THE NW - OR	\$15,543,527	46,235	\$336.19	\$1,339,659	0.399%
532404	C 2	ASOTIN TELEPHONE COMPANY - OREGON	\$196,220	88	\$2,229.77	\$80,632	0.024%
532416	C 2	GTE NORTHWEST INC. - OREGON	\$68,356,981	257,638	\$265.32	\$4,831	0.001%
532449	C 2	CONTEL OF THE NORTHWEST INC. - OR	\$7,364,731	20,968	\$351.24	\$739,777	0.220%
532456	C 1	MALHEUR HOME TELEPHONE COMPANY	\$2,588,221	10,011	\$258.54	\$0	0.000%
535163	C 1	PACIFIC NORTHWEST BELL-OREGON	\$213,230,941	962,041	\$221.64	\$0	0.000%
STATE TOTAL:		PENNSYLVANIA	\$1,089,287,534	6,209,971	\$175.41	\$837,609	0.249%
170145	A 3	THE BENTLEYVILLE TEL. CO.	\$751,463	3,078	\$244.14	\$0	0.000%

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PENNSYLVANIA (CONT.)							
170149	A 2	BREEZEWOOD TELEPHONE COMPANY	\$805,418	3,299	\$244.14	\$0	0.000%
170150	A 2	BROOKVILLE TELEPHONE COMPANY	\$6,803,938	27,869	\$244.14	\$0	0.000%
170151	A 3	BUFFALO VALLEY TELEPHONE COMPANY	\$3,487,052	14,283	\$244.14	\$0	0.000%
170152	A 2	CANTON TELEPHONE COMPANY	\$709,715	2,907	\$244.14	\$0	0.000%
170156	A 3	CITIZENS TEL CO OF KECKSBURG	\$1,097,898	4,497	\$244.14	\$0	0.000%
170157	A 2	CITIZENS UTILITIES CO. OF PA	\$791,990	3,244	\$244.14	\$0	0.000%
170161	A 2	C-TEC CORPORATION	\$42,636,854	174,641	\$244.14	\$0	0.000%
170162	A 3	THE CONESTOGA TEL. AND TEL. CO.	\$8,587,625	35,175	\$244.14	\$0	0.000%
170165	A 3	DENVER AND EPHRATA TEL. & TEL. CO.	\$9,397,193	38,491	\$244.14	\$0	0.000%
170168	A 2	ENTERPRISE TELEPHONE COMPANY	\$4,528,309	18,548	\$244.14	\$0	0.000%
170169	C 2	GTE NORTH INC. - PENNSYLVANIA	\$79,004,167	410,788	\$192.32	\$0	0.000%
170170	C 2	CONTEL OF PENNSYLVANIA, INC.	\$11,165,719	47,577	\$234.69	\$0	0.000%
170171	A 3	HICKORY TELEPHONE COMPANY	\$249,511	1,022	\$244.14	\$0	0.000%
170175	A 3	IRONTON TELEPHONE COMPANY	\$640,135	2,622	\$244.14	\$0	0.000%
170176	A 2	ALLTEL PENNSYLVANIA INC.	\$29,979,415	122,796	\$244.14	\$0	0.000%
170177	C 3	LACKAWAXEN TELEPHONE COMPANY	\$672,948	2,375	\$283.35	\$18,703	0.006%
170178	A 2	LAKEWOOD TELEPHONE COMPANY	\$320,800	1,314	\$244.14	\$0	0.000%
170179	A 3	LAUREL HIGHLAND TELEPHONE COMPANY	\$1,120,847	4,591	\$244.14	\$0	0.000%
170183	C 2	MAHANAY & MAHANTONGO TEL. CO.	\$1,114,332	3,456	\$322.43	\$83,290	0.025%
170185	A 3	MARIANNA - SCENERY HILL TEL. CO.	\$575,926	2,359	\$244.14	\$0	0.000%
170189	A 3	ARMSTRONG TELEPHONE COMPANY - PA	\$326,903	1,339	\$244.14	\$0	0.000%
170190	A 2	MURRAYSVILLE TELEPHONE COMPANY	\$5,772,934	23,646	\$244.14	\$0	0.000%
170191	A 3	THE NORTH EASTERN PA. TEL. CO.	\$1,878,413	7,694	\$244.14	\$0	0.000%
170192	C 3	NORTH PENN TELEPHONE COMPANY	\$983,139	3,919	\$250.86	\$0	0.000%
170193	A 3	NORTH PITTSBURGH TEL. CO.	\$9,910,375	40,593	\$244.14	\$0	0.000%
170194	C 2	OSWAYO RIVER TELEPHONE COMPANY	\$505,408	1,600	\$315.88	\$33,140	0.010%
170195	A 3	OTTO TELEPHONE COMPANY	\$114,746	470	\$244.14	\$0	0.000%
170196	A 3	PALMERTON TELEPHONE COMPANY	\$2,087,397	8,550	\$244.14	\$0	0.000%
170197	A 3	PENNSYLVANIA TELEPHONE COMPANY	\$244,384	1,001	\$244.14	\$0	0.000%
170200	A 3	PYMATUNING IND. TELEPHONE COMPANY	\$425,048	1,741	\$244.14	\$0	0.000%
170201	C 2	QUAKER STATE TELEPHONE COMPANY	\$9,740,347	30,580	\$318.52	\$658,043	0.196%
170204	A 3	SOUTH CANAAN TEL. CO.	\$490,721	2,010	\$244.14	\$0	0.000%
170206	C 2	SUGAR VALLEY TELEPHONE COMPANY	\$321,290	853	\$376.66	\$40,112	0.012%
170209	C 2	UNITED TELEPHONE COMPANY OF PA	\$59,398,754	278,730	\$213.10	\$0	0.000%
170210	A 3	VENUS TELEPHONE CORPORATION	\$253,906	1,040	\$244.14	\$0	0.000%
170215	A 3	YUKON-WALTZ TELEPHONE COMPANY	\$238,769	978	\$244.14	\$0	0.000%
170277	A 3	WEST SIDE TELEPHONE COMPANY-PA	\$17,746	31	\$572.45	\$4,321	0.001%
175000	C 1	BELL OF PENNSYLVANIA	\$792,135,999	4,880,264	\$162.31	\$0	0.000%
STATE TOTAL: PUERTO RICO			\$203,379,144	839,687	\$242.21	\$617,571	0.184%
633200	C 2	PUERTO RICO COMMUNICATION AUTHORITY	\$27,421,701	97,930	\$280.01	\$617,571	0.184%
633201	C 2	PUERTO RICO TEL. CO.	\$175,957,443	741,757	\$237.22	\$0	0.000%
STATE TOTAL: RHODE ISLAND			\$98,514,811	514,739	\$191.39	\$0	0.000%
585114	C 1	NEW ENGLAND TEL.-RI	\$98,514,811	514,739	\$191.39	\$0	0.000%
STATE TOTAL: SOUTH CAROLINA			\$472,120,533	1,495,955	\$315.60	\$6,601,338	1.965%
240479	C 2	GTE SOUTH INC. - SOUTH CAROLINA	\$35,434,599	129,793	\$273.01	\$429,939	0.128%
240506	C 2	UNITED TELEPHONE CO. OF THE CAROLINAS	\$17,304,783	64,711	\$267.42	\$74,822	0.022%
240512	C 3	BLUFFTON TELEPHONE COMPANY, INC.	\$938,665	2,553	\$367.67	\$112,428	0.033%
240515	A 3	CHESNEE TELEPHONE COMPANY	\$880,613	3,607	\$244.14	\$0	0.000%
240516	A 3	CHESTER TELEPHONE COMPANY- SC	\$2,939,690	12,041	\$244.14	\$0	0.000%
240517	A 2	ALLTEL SOUTH CAROLINA INC.	\$7,154,523	29,305	\$244.14	\$0	0.000%
240520	C 3	FARMERS TEL COOP INC - SC	\$11,762,169	36,345	\$323.63	\$892,497	0.266%
240521	A 3	FORT MILL TELEPHONE COMPANY	\$2,270,502	9,300	\$244.14	\$0	0.000%
240523	C 3	HARGRAY TEL. CO. INC.	\$7,692,400	30,116	\$255.43	\$0	0.000%
240524	A 3	HEATH SPRINGS TEL. CO.	\$226,318	927	\$244.14	\$0	0.000%

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SOUTH CAROLINA (CONT.)							
240526	C 2	CONTEL OF SOUTH CAROLINA, INC.	\$3,606,563	13,458	\$267.99	\$26,075	0.008%
240527	A 3	HOME TELEPHONE COMPANY INC - SC	\$3,245,109	13,292	\$244.14	\$0	0.000%
240528	C 3	HORRY TEL. COOP. INC.	\$8,064,252	39,157	\$205.95	\$0	0.000%
240531	A 3	LANCASTER TEL. CO.	\$3,883,291	15,906	\$244.14	\$0	0.000%
240532	A 3	LOCKHART TELEPHONE COMPANY, INC.	\$155,273	636	\$244.14	\$0	0.000%
240533	C 2	MCCLELLANVILLE TEL. CO. INC.	\$311,485	1,126	\$276.63	\$5,264	0.002%
240535	A 3	NORWAY TELEPHONE CO. INC.	\$143,798	589	\$244.14	\$0	0.000%
240536	A 3	PALMETTO RURAL TEL. COOP., INC.	\$2,072,016	8,487	\$244.14	\$0	0.000%
240538	A 3	PIEDMONT RURAL TEL. COOP.	\$2,136,469	8,751	\$244.14	\$0	0.000%
240539	C 3	POND BRANCH TEL. CO. INC.	\$1,882,481	7,303	\$257.77	\$0	0.000%
240540	A 3	RIDGE TEL. CO. INC.	\$314,208	1,287	\$244.14	\$0	0.000%
240541	A 3	RIDGEWAY TELEPHONE COMPANY, INC.	\$309,081	1,266	\$244.14	\$0	0.000%
240542	A 3	ROCK HILL TEL. CO.	\$8,099,345	33,175	\$244.14	\$0	0.000%
240544	A 2	ST. STEPHEN TELEPHONE COMPANY	\$835,691	3,423	\$244.14	\$0	0.000%
240546	A 3	SANDHILL TEL. COOP. INC.	\$2,338,129	9,577	\$244.14	\$0	0.000%
240550	A 3	WEST CAROLINA RURAL TEL. COOP.	\$1,970,698	8,072	\$244.14	\$0	0.000%
240551	C 2	WILLISTON TELEPHONE COMPANY	\$1,106,984	3,437	\$322.08	\$81,758	0.024%
245194	C 1	SOUTHERN BELL-SOUTH CAROLINA	\$345,041,398	1,008,315	\$342.20	\$4,978,555	1.482%
STATE TOTAL: SOUTH DAKOTA			\$79,233,130	320,374	\$247.31	\$1,428,199	0.425%
391640	A 3	ARMOUR INDEPENDENT TELEPHONE CO.	\$156,738	642	\$244.14	\$0	0.000%
391642	A 3	BALTIC TELECOM COOPERATIVE	\$272,949	1,118	\$244.14	\$0	0.000%
391643	C 2	CONTEL OF SOUTH DAKOTA, INC.	\$2,536,771	7,709	\$329.07	\$203,999	0.061%
391647	C 3	CHEYENNE RIVER SIOUX TRIBAL TEL AUTH	\$838,092	1,813	\$462.27	\$158,671	0.047%
391649	A 3	BERESFORD MUNICIPAL TEL. CO.	\$245,117	1,004	\$244.14	\$0	0.000%
391650	A 3	CITY OF BROOKINGS MUNICIPAL TEL. DEPT	\$2,471,918	10,125	\$244.14	\$0	0.000%
391652	A 3	DAKOTA COOP TELECOMMUNICATIONS CO INC	\$1,298,581	5,319	\$244.14	\$0	0.000%
391653	A 3	CITY OF FAITH MUNICIPAL TEL CO	\$88,412	323	\$273.72	\$1,231	0.000%
391654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.	\$1,597,427	6,238	\$256.08	\$0	0.000%
391657	A 3	SPLITROCK TELECOM COOPERATIVE INC.	\$650,389	2,664	\$244.14	\$0	0.000%
391659	C 3	GOLDEN WEST TELECOMM. COOP, INC.	\$4,157,495	11,699	\$355.37	\$441,272	0.131%
391660	A 3	MT. RUSHMORE TEL. CO.	\$82,249	289	\$284.60	\$2,379	0.001%
391661	A 3	HANSON COUNTY TELEPHONE COMPANY	\$125,244	513	\$244.14	\$0	0.000%
391664	A 3	JAMES VALLEY COOPERATIVE TEL CO	\$601,296	2,015	\$298.41	\$27,895	0.008%
391666	C 3	JEFFERSON TELEPHONE COMPANY - SD	\$118,042	466	\$253.31	\$0	0.000%
391667	C 3	KADOKA TELEPHONE COMPANY	\$106,995	513	\$208.57	\$0	0.000%
391668	C 3	KENNEBEC TELEPHONE COMPANY	\$183,487	265	\$692.40	\$51,841	0.015%
391669	A 3	MCCOOK COOPERATIVE TELEPHONE CO.	\$249,045	757	\$328.99	\$19,881	0.006%
391670	A 3	MIDSTATE TELEPHONE COMPANY	\$714,579	2,465	\$289.89	\$25,590	0.008%
391674	A 3	ROBERTS COUNTY TEL. COOP. ASSN.	\$148,522	403	\$368.54	\$17,656	0.005%
391676	A 3	SANBORN TEL. COOP.	\$644,697	2,409	\$267.62	\$3,207	0.001%
391677	A 3	SIOUX VALLEY TELEPHONE COMPANY	\$1,139,401	4,667	\$244.14	\$0	0.000%
391679	A 3	STOCKHOLM-STRANDBURG TEL. CO.	\$64,782	201	\$322.30	\$4,732	0.001%
391680	C 3	SULLY BUTTES TELEPHONE COOP. INC.	\$1,474,278	3,933	\$374.85	\$186,916	0.056%
391682	A 3	TRI-COUNTY MUTUAL TEL. CO.-SD	\$136,490	435	\$313.77	\$8,735	0.003%
391684	A 3	UNION TELEPHONE COMPANY	\$265,380	1,087	\$244.14	\$0	0.000%
391685	A 3	VALLEY TELECOMM. COOP. ASSN., INC.	\$562,503	1,953	\$288.02	\$18,785	0.006%
391686	A 3	VIVIAN TELEPHONE COMPANY	\$41,344	103	\$401.40	\$6,100	0.002%
391688	A 3	WESTERN TELEPHONE COMPANY	\$212,983	862	\$247.08	\$0	0.000%
391689	C 3	WEST RIVER COOPERATIVE TEL. CO.	\$945,669	1,506	\$627.93	\$249,309	0.074%
395145	C 1	NORTHWESTERN BELL-SOUTH DAKOTA	\$57,102,255	246,878	\$231.30	\$0	0.000%
STATE TOTAL: TENNESSEE			\$568,942,982	2,318,040	\$245.44	\$1,710,010	0.509%
290280	A 3	ARDMORE TELEPHONE COMPANY INC.	\$1,546,383	6,334	\$244.14	\$0	0.000%
290479	C 2	GTE SOUTH INC. - TENNESSEE	\$15,379,471	48,457	\$317.38	\$1,057,877	0.315%
290552	C 2	ADAMSVILLE TELEPHONE COMPANY INC.	\$2,027,907	5,585	\$363.10	\$234,291	0.070%
290553	A 3	BEN LOMAND RURAL TEL. COOP. INC.	\$5,458,970	22,360	\$244.14	\$0	0.000%
290554	A 3	BLED SOE TELEPHONE COOPERATIVE	\$1,655,757	6,782	\$244.14	\$0	0.000%

TABLE 3.6

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TENNESSEE (CONT.)							
290557	A 2	CLAIBORNE TELEPHONE COMPANY INC.	\$1,358,395	5,564	\$244.14	\$0	0.000%
290559	A 2	CONCORD TEL. EXCHANGE INC.	\$2,571,771	10,534	\$244.14	\$0	0.000%
290561	A 3	CROCKETT TEL., INC.	\$872,068	3,572	\$244.14	\$0	0.000%
290562	A 3	DEKALB TELEPHONE COOP, INC.	\$3,075,187	12,596	\$244.14	\$0	0.000%
290565	A 3	HIGHLAND TEL COOP INC - TENNESSEE	\$3,967,275	16,250	\$244.14	\$0	0.000%
290566	A 3	HUMPHREY'S COUNTY TEL. COMPANY	\$306,396	1,255	\$244.14	\$0	0.000%
290567	C 2	UNITED INTER-MOUNTAIN TEL. COMPANY-TN	\$38,128,959	161,332	\$236.34	\$0	0.000%
290570	A 3	LORETTO TELEPHONE COMPANY INC.	\$1,097,653	4,496	\$244.14	\$0	0.000%
290571	C 3	MILLINGTON TELEPHONE COMPANY INC.	\$3,565,622	16,769	\$212.63	\$0	0.000%
290573	A 3	NORTH CENTRAL TEL COOP, INC.	\$3,287,589	13,466	\$244.14	\$0	0.000%
290574	A 3	OOLETEWAH-COLLEGEDALE TEL. CO.	\$1,060,300	4,343	\$244.14	\$0	0.000%
290575	C 2	TENNESSEE TELEPHONE COMPANY	\$10,231,292	34,802	\$293.99	\$417,842	0.124%
290576	A 3	PEOPLES TEL. CO. INC.	\$756,346	3,098	\$244.14	\$0	0.000%
290577	A 2	ALLTEL TENNESSEE INC.	\$3,397,452	13,916	\$244.14	\$0	0.000%
290578	A 2	TELLICO TEL. CO., INC.	\$1,304,928	5,345	\$244.14	\$0	0.000%
290579	C 3	TWIN LAKES TEL. COOP. CORP.	\$5,797,615	23,423	\$247.52	\$0	0.000%
290581	A 3	UNITED TEL. CO.-TN	\$1,747,798	7,159	\$244.14	\$0	0.000%
290583	A 3	WEST TENNESSEE TEL. CO., INC.	\$903,074	3,699	\$244.14	\$0	0.000%
290584	A 3	YORKVILLE TELEPHONE COOPERATIVE INC.	\$428,208	1,738	\$246.38	\$0	0.000%
295185	C 1	SOUTH CENTRAL BELL-TENNESSEE	\$459,016,566	1,885,165	\$243.49	\$0	0.000%
STATE TOTAL: TEXAS			\$2,218,459,920	7,987,409	\$277.74	\$44,103,988	13.126%
440425	C 3	CAMERON TELEPHONE COMPANY - TEXAS	\$360,645	984	\$366.51	\$41,500	0.012%
442038	A 3	BLOSSOM TELEPHONE COMPANY	\$270,263	1,107	\$244.14	\$0	0.000%
442039	C 3	BIG BEND TELEPHONE COMPANY INC.	\$3,230,130	2,651	\$1,218.46	\$1,169,704	0.348%
442040	C 3	BRAZORIA TEL. CO.	\$2,476,656	5,255	\$471.30	\$484,741	0.144%
442041	C 3	BRAZOS TELEPHONE COOPERATIVE INC.	\$868,885	1,133	\$766.89	\$259,124	0.077%
442043	A 3	BYERS AND PETROLIA TELEPHONE CO.	\$197,918	769	\$257.37	\$0	0.000%
442046	C 3	CAP ROCK TELEPHONE COMPANY INC.	\$969,558	2,217	\$437.33	\$167,494	0.050%
442052	C 3	CENTRAL TEXAS TELEPHONE CO-OP. INC.	\$3,282,095	3,516	\$933.47	\$1,084,774	0.323%
442057	A 3	COLEMAN COUNTY TELEPHONE CO-OP. INC.	\$511,873	1,835	\$278.95	\$10,895	0.003%
442059	C 3	COLORADO VALLEY TELEPHONE CO-OP. INC.	\$2,099,006	4,841	\$433.59	\$360,140	0.107%
442060	A 3	COMANCHE COUNTY TEL COMPANY INC.	\$1,166,501	4,778	\$244.14	\$0	0.000%
442061	C 3	COMMUNITY TELEPHONE COMPANY, INC.	\$518,583	1,455	\$356.41	\$55,108	0.016%
442065	A 3	CUMBY TELEPHONE COOPERATIVE INC.	\$136,963	561	\$244.14	\$0	0.000%
442066	C 3	DELL TELEPHONE CO-OP. INC. - TX	\$1,390,142	456	\$3,048.56	\$592,834	0.176%
442068	C 3	EASTEX TELEPHONE COOPERATIVE INC.	\$8,601,837	20,161	\$426.66	\$1,438,739	0.428%
442069	A 3	ELECTRA TELEPHONE COMPANY, INC.	\$444,823	1,822	\$244.14	\$0	0.000%
442070	C 3	ETEX TELEPHONE COOPERATIVE INC.	\$2,804,363	9,061	\$309.50	\$163,834	0.049%
442071	C 3	FIVE AREA TELEPHONE CO-OP. INC.	\$1,435,869	1,498	\$958.52	\$481,158	0.143%
442072	C 3	FORT BEND TELEPHONE COMPANY	\$6,324,353	17,142	\$368.94	\$758,319	0.226%
442076	C 3	GANADO TELEPHONE COMPANY INC.	\$501,911	1,275	\$393.66	\$70,874	0.021%
442080	C 2	GTE SOUTHWEST INC. - TEXAS	\$354,296,004	1,060,811	\$333.99	\$4,700,719	1.399%
442083	C 3	GUADALUPE VALLEY TEL CO-OP. INC.	\$5,337,619	15,208	\$350.97	\$530,854	0.158%
442084	C 2	UNITED TELEPHONE CO. OF TEXAS INC.	\$39,058,776	99,259	\$393.50	\$5,458,004	1.624%
442086	C 3	HILL COUNTRY TELEPHONE CO-OP. INC.	\$4,806,874	9,034	\$532.09	\$1,083,120	0.322%
442090	C 3	ALENCO COMMUNICATIONS, INC.	\$113,873	213	\$534.62	\$25,621	0.008%
442093	C 3	INDUSTRY TELEPHONE COMPANY	\$1,364,143	1,541	\$885.23	\$438,636	0.131%
442097	C 3	KERRVILLE TELEPHONE COMPANY	\$2,905,260	14,352	\$202.43	\$0	0.000%
442101	C 3	LAKE DALLAS TELEPHONE COMPANY, INC.	\$2,261,747	4,185	\$540.44	\$520,588	0.155%
442103	C 3	LA WARD TELEPHONE EXCHANGE INC.	\$534,939	871	\$614.17	\$138,854	0.041%
442104	C 2	LAKE LIVINGSTON TEL. CO.	\$503,070	944	\$532.91	\$113,197	0.034%
442105	A 3	LIPAN TELEPHONE COMPANY	\$210,000	843	\$249.11	\$0	0.000%
442107	A 3	LIVINGSTON TELEPHONE COMPANY	\$1,084,226	4,441	\$244.14	\$0	0.000%
442109	C 2	LUFKIN-CONROE TELEPHONE EXCHANGE, INC	\$17,075,627	59,737	\$285.85	\$504,778	0.150%
442112	C 3	MID-PLAINS RURAL TEL. CO-OP. INC.	\$1,238,857	2,026	\$611.48	\$319,070	0.095%
442114	C 2	CENTRAL TELEPHONE COMPANY OF TEXAS	\$36,732,785	123,833	\$296.63	\$1,645,431	0.490%
442116	C 3	MUENSTER TELEPHONE CORP. OF TEXAS	\$795,179	2,539	\$313.19	\$49,939	0.015%
442117	C 2	MUSTANG TELEPHONE COMPANY	\$931,695	2,340	\$398.16	\$135,018	0.040%

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TEXAS (CONT.)							
442121	C 2	ALLTEL TEXAS INC.	\$834,984	2,627	\$317.85	\$55,939	0.017%
442130	C 3	PEOPLES TELEPHONE COOPERATIVE - TX	\$2,401,033	6,821	\$352.01	\$244,874	0.073%
442131	C 3	POKA-LAMBRO TEL. COOPERATIVE, INC.	\$1,768,060	3,237	\$546.20	\$407,093	0.121%
442134	C 3	RIVIERA TELEPHONE COMPANY INC.	\$489,632	819	\$597.84	\$123,321	0.037%
442135	C 3	SOUTHWEST TEXAS TELEPHONE COMPANY	\$2,449,785	2,480	\$987.82	\$833,807	0.248%
442136	C 2	ROMAIN TELEPHONE COMPANY	\$514,408	838	\$613.85	\$134,211	0.040%
442140	A 3	SAN MARCOS TEL. CO., INC.	\$4,687,976	19,202	\$244.14	\$0	0.000%
442141	A 3	SANTA ROSA TEL. COOP., INC.	\$555,634	1,595	\$348.36	\$54,798	0.016%
442143	A 3	SOUTH PLAINS TEL. COOP., INC.	\$1,132,282	3,676	\$308.02	\$65,226	0.019%
442147	C 3	SUGAR LAND TEL. CO.	\$7,805,958	27,345	\$285.46	\$240,636	0.072%
442150	C 3	TATUM TEL. CO.	\$147,530	664	\$222.18	\$0	0.000%
442151	C 3	TAYLOR TEL. CO-OP., INC.	\$2,078,305	5,218	\$398.30	\$298,339	0.089%
442153	C 2	TEXAS-MIDLAND TELEPHONE COMPANY	\$5,872,790	9,425	\$623.11	\$1,532,152	0.456%
442154	C 2	CONTINENTAL TELEPHONE CO OF TEXAS	\$71,505,809	148,020	\$483.08	\$14,390,319	4.283%
442155	C 3	TRI-COUNTY TEL. CO. INC.-TX	\$556,796	772	\$721.24	\$161,459	0.048%
442156	C 2	TRINITY VALLEY TELEPHONE COMPANY INC.	\$2,809,542	5,090	\$551.97	\$661,923	0.197%
442159	C 3	VALLEY TELEPHONE CO-OP. INC. - TX	\$3,909,287	4,363	\$896.01	\$1,261,916	0.376%
442163	C 3	WATERWOOD COMMUNICATIONS INC.	\$219,983	380	\$578.90	\$54,658	0.016%
442166	C 3	WEST TEXAS RURAL TEL. CO-OP. INC.	\$1,171,170	1,749	\$669.62	\$323,040	0.096%
442168	C 3	WES-TEX TELEPHONE CO-OP.	\$1,194,566	3,044	\$392.43	\$167,934	0.050%
442170	C 3	XIT RURAL TELEPHONE CO-OP. INC.	\$842,717	1,015	\$830.26	\$263,272	0.078%
442262	C 3	E.N.M.R. TEL. COOP., INC.-TX	\$260,406	749	\$347.67	\$26,004	0.008%
445216	C 1	SOUTHWESTERN BELL-TEXAS	\$1,598,408,219	6,253,586	\$255.60	\$0	0.000%
STATE TOTAL: UTAH			\$142,521,010	701,519	\$203.16	\$1,431,798	0.426%
502177	C 2	CONTEL OF THE WEST - UTAH	\$5,719,548	13,799	\$414.49	\$908,664	0.270%
502275	C 2	NAVAJO COMMUNICATIONS CO. INC. - UT	\$249,007	297	\$838.41	\$78,436	0.023%
502277	C 3	CENTRAL UTAH TEL. INC.	\$208,384	735	\$283.52	\$5,411	0.002%
502278	C 3	EMERY COUNTY FARMERS UNION TEL ASSN	\$484,739	2,413	\$200.89	\$0	0.000%
502279	A 3	GUNNISON TEL. CO.	\$253,661	1,039	\$244.14	\$0	0.000%
502280	C 3	KAMAS-WOODLAND TEL. CO.	\$590,617	1,550	\$381.04	\$77,025	0.023%
502282	A 3	MANTI TELEPHONE COMPANY	\$229,736	941	\$244.14	\$0	0.000%
502283	A 3	SKYLINE TELECOM	\$132,568	543	\$244.14	\$0	0.000%
502284	C 3	BEEHIVE TELEPHONE CO., INC., UT	\$389,592	489	\$796.71	\$119,255	0.035%
502286	C 3	SOUTH CENTRAL UTAH TEL. ASSN. INC.	\$625,784	2,701	\$231.69	\$0	0.000%
502287	C 3	UINTAH BASIN TEL. ASSN. INC.	\$1,127,053	2,166	\$520.34	\$249,022	0.074%
502288	C 3	UTAH-WYOMING TELECOM - UT	\$126,145	429	\$294.04	\$5,068	0.002%
505107	C 1	MOUNTAIN BELL-UTAH	\$132,384,176	674,417	\$196.29	\$0	0.000%
STATE TOTAL: VERMONT			\$100,279,637	295,021	\$339.91	\$2,767,211	0.824%
140053	A 3	FRANKLIN TEL. CO. - VT	\$142,822	585	\$244.14	\$0	0.000%
140058	C 2	LUDLOW TEL. CO.	\$689,106	3,648	\$188.90	\$0	0.000%
140061	C 2	NORTHFIELD TEL. CO.	\$400,998	2,525	\$158.81	\$0	0.000%
140062	C 2	PERKINSVILLE TEL. CO.	\$196,698	734	\$267.98	\$959	0.000%
140064	A 3	SHOREHAM TEL. CO. INC.	\$591,577	2,294	\$257.88	\$0	0.000%
140068	C 3	TOPSHAM TEL. CO., INC.	\$250,726	1,008	\$248.74	\$0	0.000%
140069	C 3	WAITSFIELD/FAYSTON TEL. CO.	\$1,423,154	4,285	\$332.12	\$118,346	0.035%
140070	C 2	CONTEL OF VERMONT, INC.	\$11,880,824	31,928	\$372.11	\$1,468,289	0.437%
145115	C 1	NEW ENGLAND TEL.-VT	\$84,703,732	248,014	\$341.53	\$1,179,617	0.351%
STATE TOTAL: VIRGIN ISLANDS			\$18,882,078	44,087	\$428.29	\$3,190,797	0.950%
643300	C 2	VIRGIN ISLANDS TELEPHONE CORPORATION	\$18,882,078	44,087	\$428.29	\$3,190,797	0.950%
STATE TOTAL: VIRGINIA			\$724,867,924	3,113,617	\$232.81	\$1,300,819	0.387%
190217	C 2	AMELIA TEL. CORP.	\$1,206,524	2,986	\$404.06	\$182,650	0.054%
190219	A 3	BUGGS ISLAND TELEPHONE COOP.	\$540,038	2,212	\$244.14	\$0	0.000%

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VIRGINIA (CONT.)							
190220	A 3	BURKE'S GARDEN TELEPHONE COMPANY INC.	\$37,382	89	\$420.02	\$6,047	0.002%
190225	A 3	CITIZENS TELEPHONE COOP - VIRGINIA	\$1,189,694	4,873	\$244.14	\$0	0.000%
190226	A 3	CLIFTON FORGE WAYNESBORO TEL CO	\$6,182,357	25,323	\$244.14	\$0	0.000%
190233	C 2	CONTEL OF VIRGINIA, INC.	\$89,764,977	329,814	\$272.17	\$162,846	0.048%
190236	A 3	NORTH RIVER TELEPHONE COOPERATIVE	\$183,837	753	\$244.14	\$0	0.000%
190237	A 3	HIGHLAND TEL COOP - VIRGINIA	\$268,038	985	\$272.12	\$3,115	0.001%
190238	A 3	MOUNTAIN GROVE-WILLIAMSVILLE TEL. CO.	\$352,032	1,140	\$308.80	\$20,591	0.006%
190239	A 3	NEW HOPE TELEPHONE COMPANY - VA	\$167,968	688	\$244.14	\$0	0.000%
190243	A 3	PEMBROKE TELEPHONE COOPERATIVE	\$378,417	1,550	\$244.14	\$0	0.000%
190244	A 3	PEOPLES MUTUAL TEL CO - VA	\$1,511,471	6,191	\$244.14	\$0	0.000%
190248	A 3	SCOTT COUNTY TEL. COOP. INC.	\$1,199,704	4,914	\$244.14	\$0	0.000%
190249	C 3	ROANOKE & BOTETOURT TEL. CO.	\$1,756,194	6,152	\$285.47	\$54,599	0.016%
190250	A 3	SHENANDOAH TEL. CO.	\$3,876,211	15,877	\$244.14	\$0	0.000%
190253	A 3	VIRGINIA HOT SPRINGS TEL. CO.	\$412,597	1,690	\$244.14	\$0	0.000%
190254	C 2	CENTRAL TELEPHONE COMPANY OF VA	\$51,422,367	203,716	\$252.42	\$0	0.000%
190479	C 2	GTE SOUTH INC. - VIRGINIA	\$9,516,716	28,892	\$329.39	\$752,456	0.224%
190567	C 2	UNITED INTER-MOUNTAIN TELEPHONE CO-VA	\$19,696,245	73,214	\$269.02	\$118,515	0.035%
195040	C 1	C & P TELEPHONE COMPANY OF VIRGINIA	\$535,205,155	2,402,558	\$222.76	\$0	0.000%
STATE TOTAL:		WASHINGTON	\$544,387,891	2,417,203	\$225.21	\$7,143,842	2.126%
522400	C 2	UNITED TELEPHONE CO OF THE NW - WA	\$16,695,166	49,227	\$339.15	\$1,485,117	0.442%
522404	C 2	ASOTIN TELEPHONE COMPANY - WA	\$432,311	813	\$531.75	\$97,103	0.029%
522408	C 2	TELEPHONE UTILITIES OF WA INC.	\$22,447,312	73,305	\$306.22	\$1,221,445	0.364%
522410	C 3	COWICHE TELEPHONE CO. INC.	\$342,868	1,422	\$241.12	\$0	0.000%
522412	C 3	ELLENSBURG TELEPHONE COMPANY	\$2,554,272	14,043	\$181.89	\$0	0.000%
522416	C 2	GTE NORTHWEST INC. - WASHINGTON	\$122,178,909	460,264	\$265.45	\$25,890	0.008%
522417	C 3	HAT ISLAND TELEPHONE COMPANY	\$14,472	51	\$283.76	\$402	0.000%
522419	C 3	HOOD CANAL TELEPHONE COMPANY	\$233,757	709	\$329.70	\$18,833	0.006%
522423	C 3	INLAND TELEPHONE COMPANY - WA	\$699,975	1,440	\$486.09	\$141,597	0.042%
522426	C 3	KALAMA TELEPHONE COMPANY	\$478,311	1,546	\$309.39	\$28,205	0.008%
522427	C 3	LEWIS RIVER TELEPHONE COMPANY INC.	\$778,294	2,298	\$338.68	\$68,753	0.020%
522430	A 3	MCDANIEL TELEPHONE COMPANY	\$499,022	2,044	\$244.14	\$0	0.000%
522431	C 3	MASHELL TELEPHONE COMPANY INC.	\$716,998	1,830	\$391.80	\$98,831	0.029%
522436	C 2	PENINSULA TELECOMMUNICATIONS, INC.	\$1,269,007	4,124	\$307.71	\$74,284	0.022%
522437	C 3	PIONEER TELEPHONE COMPANY	\$458,538	727	\$630.73	\$121,295	0.036%
522442	C 3	ST. JOHN TELEPHONE CO.	\$180,256	537	\$335.67	\$15,714	0.005%
522446	C 3	TENINO TEL. CO.	\$741,227	2,054	\$360.87	\$83,636	0.025%
522447	C 3	TOLEDO TELEPHONE COMPANY INC.	\$487,410	1,323	\$368.41	\$56,848	0.017%
522449	C 2	CONTEL OF THE NORTHWEST INC. - WA	\$19,805,263	47,509	\$416.87	\$3,145,987	0.936%
522451	C 3	WESTERN WAHAKIAKUM COUNTY TEL COMPANY	\$318,794	774	\$411.88	\$49,454	0.015%
522452	C 3	WHIDBEY TEL. CO.	\$2,726,541	6,905	\$394.86	\$390,607	0.116%
522453	C 3	YELM TELEPHONE COMPANY	\$1,360,516	4,968	\$273.86	\$19,841	0.006%
525161	C 1	PACIFIC NORTHWEST BELL-WASHINGTON	\$348,968,672	1,739,290	\$200.64	\$0	0.000%
STATE TOTAL:		WEST VIRGINIA	\$270,013,405	767,336	\$351.88	\$8,869,383	2.640%
200256	A 3	ARMSTRONG TELEPHONE COMPANY - WV	\$562,743	2,305	\$244.14	\$0	0.000%
200257	A 3	SPRUCE KNOB SENECA ROCKS TEL., INC.	\$192,138	787	\$244.14	\$0	0.000%
200259	C 3	HARDY TELEPHONE COMPANY	\$999,496	1,879	\$531.93	\$226,243	0.067%
200267	A 3	ARMSTRONG TELEPHONE COMPANY	\$885,740	3,628	\$244.14	\$0	0.000%
200270	C 2	MOUNTAIN STATE TELEPHONE CO.	\$7,515,083	15,303	\$491.09	\$1,535,178	0.457%
200276	A 3	WAR TELEPHONE COMPANY	\$401,122	1,643	\$244.14	\$0	0.000%
200277	A 3	WEST SIDE TELEPHONE COMPANY - WV	\$412,108	1,688	\$244.14	\$0	0.000%
200278	C 2	CONTEL OF WEST VIRGINIA, INC.	\$10,098,820	23,677	\$426.52	\$1,677,219	0.499%
200479	C 2	GTE SOUTH INC. - WEST VIRGINIA	\$21,411,680	62,610	\$341.98	\$1,957,345	0.583%
205050	C 1	C & P TELEPHONE COMPANY OF W VA	\$227,534,475	653,816	\$348.01	\$3,473,398	1.034%

TABLE 3.6

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Revised Data for 1988

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
STATE TOTAL:		WISCONSIN	\$518,167,134	2,384,786	\$217.28	\$975,685	0.290%
330841	C 2	CENCOM OF WISCONSIN INC.	\$6,011,505	21,879	\$274.76	\$81,363	0.024%
330842	A 3	AMERY TELEPHONE COMPANY	\$1,149,167	4,707	\$244.14	\$0	0.000%
330843	A 3	AMHERST TELEPHONE COMPANY	\$851,316	3,487	\$244.14	\$0	0.000%
330844	A 2	BADGER TELECOM, INC.	\$1,229,245	5,035	\$244.14	\$0	0.000%
330846	A 3	BALDWIN TELCOM. INC.	\$657,469	2,693	\$244.14	\$0	0.000%
330847	A 3	BELMONT TELEPHONE COMPANY	\$170,654	699	\$244.14	\$0	0.000%
330848	A 3	BERGEN TELEPHONE COMPANY	\$72,478	170	\$426.34	\$12,054	0.004%
330849	A 2	BLACK EARTH TELEPHONE COMPANY	\$267,577	1,096	\$244.14	\$0	0.000%
330850	A 3	BLOOMER TELEPHONE COMPANY	\$599,364	2,455	\$244.14	\$0	0.000%
330851	A 2	BONDUEL TELEPHONE COMPANY	\$339,110	1,389	\$244.14	\$0	0.000%
330855	A 3	BRUCE TELEPHONE COMPANY, INC.	\$317,138	1,299	\$244.14	\$0	0.000%
330856	A 2	BURLINGTON BRIGHTON & WHEATLAND TEL.	\$678,221	2,778	\$244.14	\$0	0.000%
330857	A 3	CASCO TELEPHONE COMPANY	\$247,070	1,012	\$244.14	\$0	0.000%
330858	A 2	LAKESHORE TELEPHONE COMPANY	\$389,159	1,594	\$244.14	\$0	0.000%
330859	C 2	CENTRAL STATE TELEPHONE COMPANY	\$2,111,234	6,984	\$302.30	\$110,522	0.033%
330860	C 3	CHEQUAMEGON TELEPHONE COOP INC.	\$1,345,639	5,623	\$239.31	\$0	0.000%
330861	A 3	CHIBARDUN TELEPHONE COOP INC.	\$1,086,911	4,452	\$244.14	\$0	0.000%
330863	A 3	CITIZENS TELEPHONE COOP INC - WI	\$344,482	1,411	\$244.14	\$0	0.000%
330865	A 3	CLEAR LAKE TELEPHONE CO INC - WI	\$291,747	1,195	\$244.14	\$0	0.000%
330866	A 3	COCHRANE COOPERATIVE TELEPHONE CO	\$244,628	1,002	\$244.14	\$0	0.000%
330868	A 3	COON VALLEY FARMERS TELEPHONE CO., INC	\$464,110	1,901	\$244.14	\$0	0.000%
330870	C 3	CRANDON TELEPHONE COMPANY	\$731,980	2,279	\$321.18	\$52,232	0.016%
330872	A 3	CUBA CITY TEL. EXCH. CO.	\$353,271	1,447	\$244.14	\$0	0.000%
330875	A 3	DICKEYVILLE TELEPHONE CO.	\$224,853	921	\$244.14	\$0	0.000%
330876	A 2	DODGE COUNTY TELEPHONE COMPANY	\$217,285	890	\$244.14	\$0	0.000%
330877	A 3	FAIRWATER-BRANDON-ALTO TEL. CO.	\$270,751	1,109	\$244.14	\$0	0.000%
330879	A 3	FARMERS IND. TELEPHONE COMPANY - WI	\$544,188	2,229	\$244.14	\$0	0.000%
330880	A 3	FARMERS TELEPHONE COMPANY - WI	\$1,257,077	5,149	\$244.14	\$0	0.000%
330881	A 3	MID-PLAINS TELEPHONE INC.	\$4,136,708	16,944	\$244.14	\$0	0.000%
330882	A 2	FENNIMORE TELEPHONE COMPANY	\$374,511	1,534	\$244.14	\$0	0.000%
330883	A 3	FOOTVILLE TELEPHONE COMPANY	\$188,964	774	\$244.14	\$0	0.000%
330884	A 2	FORESTVILLE TEL. CO. INC.	\$442,870	1,814	\$244.14	\$0	0.000%
330886	C 2	GTE NORTH INC. - WISCONSIN	\$97,724,725	334,955	\$291.75	\$575,704	0.171%
330889	A 3	HAGER TELECOM INC.	\$399,169	1,635	\$244.14	\$0	0.000%
330891	C 3	HEADWATERS TEL. CO.	\$985,738	3,528	\$279.40	\$21,984	0.007%
330892	A 3	HILLSBORO TELEPHONE COMPANY INC.	\$336,913	1,380	\$244.14	\$0	0.000%
330895	C 2	CENTURY TELEPHONE OF WISCONSIN INC.	\$7,819,389	41,737	\$187.35	\$0	0.000%
330896	A 3	LAKEFIELD TELEPHONE COMPANY	\$312,255	1,279	\$244.14	\$0	0.000%
330898	A 2	LARSEN-READFIELD TEL. CO.	\$484,130	1,983	\$244.14	\$0	0.000%
330899	A 3	LA VALLE TELEPHONE COOPERATIVE	\$384,765	1,576	\$244.14	\$0	0.000%
330900	A 3	LEMONWEIR VALLEY TEL. CO.	\$595,457	2,439	\$244.14	\$0	0.000%
330902	A 3	LUCK TELEPHONE COMPANY	\$453,856	1,859	\$244.14	\$0	0.000%
330904	A 3	MADLINE ISLAND TEL. CO.	\$78,063	267	\$292.37	\$3,040	0.001%
330905	A 3	MANAWA TELEPHONE COMPANY	\$453,856	1,859	\$244.14	\$0	0.000%
330907	A 3	MAPLE TELEPHONE COOP INC.	\$84,623	302	\$280.21	\$1,948	0.001%
330908	C 3	MARQUETTE-ADAMS TEL. COOP. INC.	\$580,757	2,528	\$229.73	\$0	0.000%
330909	C 2	MIDWAY TELEPHONE COMPANY	\$1,323,461	6,120	\$216.25	\$0	0.000%
330910	A 3	MILLTOWN MUTUAL TELEPHONE COMPANY	\$360,595	1,477	\$244.14	\$0	0.000%
330912	A 2	MONDOVI TELEPHONE COMPANY	\$507,567	2,079	\$244.14	\$0	0.000%
330913	C 2	MONROE COUNTY TELEPHONE COMPANY	\$1,724,583	8,588	\$200.81	\$0	0.000%
330914	A 2	MOSEL & CENTERVILLE TELEPHONE CO.	\$690,672	2,829	\$244.14	\$0	0.000%
330915	A 3	MOSINEE TEL. CO.	\$859,861	3,522	\$244.14	\$0	0.000%
330916	C 3	MOUNT HOREB TELEPHONE COMPANY	\$754,290	2,871	\$262.73	\$0	0.000%
330917	C 2	MOUNT VERNON TELEPHONE COMPANY	\$965,454	5,367	\$179.89	\$0	0.000%
330918	A 3	NELSON TELEPHONE COOPERATIVE	\$791,502	3,242	\$244.14	\$0	0.000%
330920	A 3	NIAGARA TELEPHONE COMPANY	\$766,355	3,139	\$244.14	\$0	0.000%
330922	C 3	NORTH-WEST TELEPHONE COMPANY	\$11,875,563	53,065	\$223.79	\$0	0.000%
330924	A 3	NOVY'S TELEPHONE COMPANY	\$125,976	516	\$244.14	\$0	0.000%
330925	A 3	BAYLAND TELEPHONE INC.	\$319,823	1,310	\$244.14	\$0	0.000%
330930	A 2	PEOPLES TELEPHONE COMPANY (MT.HOPE)	\$413,306	1,645	\$251.25	\$0	0.000%



TABLE 3.6

National Exchange Carrier Association  
 Universal Service Fund  
 Individual Study Areas  
 Revised Data for 1988

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1990 AT 5/8 TRANSITION	PERCENT OF TOTAL
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WISCONSIN (CONT.)							
330931	C 3	PEOPLES TELEPHONE CO OF RANDOLPH	\$1,338,345	5,513	\$242.76	\$0	0.000%
330934	C 3	PLATTEVILLE TELEPHONE COMPANY	\$1,145,286	7,306	\$156.76	\$0	0.000%
330936	C 3	INDIANHEAD TEL. CO.	\$519,209	1,614	\$321.69	\$36,658	0.011%
330937	C 3	PRICE COUNTY TELEPHONE COMPANY	\$1,087,220	3,376	\$322.04	\$80,180	0.024%
330938	A 3	NORTHEAST TEL. CO.	\$1,134,274	4,646	\$244.14	\$0	0.000%
330940	C 3	RHINELANDER TEL. CO.	\$1,520,439	8,944	\$170.00	\$0	0.000%
330941	A 3	RIB LAKE TELEPHONE COMPANY	\$261,230	1,070	\$244.14	\$0	0.000%
330942	A 3	RICHLAND-GRANT TEL. COOP. INC.	\$540,244	2,204	\$245.12	\$0	0.000%
330943	A 2	ROCK RIVER TELEPHONE COMPANY	\$345,702	1,416	\$244.14	\$0	0.000%
330944	A 2	ST. CROIX TEL. CO.	\$1,318,600	5,401	\$244.14	\$0	0.000%
330945	A 2	SCANDINAVIA TELEPHONE COMPANY	\$463,866	1,900	\$244.14	\$0	0.000%
330946	A 3	SHARON TEL. CO.	\$246,093	1,008	\$244.14	\$0	0.000%
330948	A 3	SHELL LAKE TEL. CO.	\$455,809	1,867	\$244.14	\$0	0.000%
330949	A 3	SIREN TELEPHONE CO., INC.	\$438,475	1,796	\$244.14	\$0	0.000%
330950	C 2	OLON SPRINGS TEL. CO.	\$2,964,473	13,864	\$213.83	\$0	0.000%
330951	A 3	SOMERSET TEL. CO., INC.	\$313,964	1,286	\$244.14	\$0	0.000%
330952	C 3	SOUTHEAST TEL. CO. OF WIS., INC.	\$1,304,500	5,616	\$232.28	\$0	0.000%
330953	A 3	SPRING VALLEY TEL. CO., INC.	\$201,416	825	\$244.14	\$0	0.000%
330954	A 2	STOCKBRIDGE & SHERWOOD TEL. CO.	\$550,292	2,254	\$244.14	\$0	0.000%
330955	A 3	STATE LONG DISTANCE TEL. CO.	\$1,449,215	5,936	\$244.14	\$0	0.000%
330956	C 2	UNIVERSAL TEL. CO. OF NORTHERN WIS.	\$2,542,453	10,039	\$253.26	\$0	0.000%
330957	A 3	SULLIVAN TEL. CO.	\$400,634	1,641	\$244.14	\$0	0.000%
330958	A 2	TENNEY TEL. CO.	\$213,134	873	\$244.14	\$0	0.000%
330959	A 3	THORP TELEPHONE COMPANY	\$468,016	1,917	\$244.14	\$0	0.000%
330960	A 3	TRI-COUNTY TEL. COOP. INC.-WI	\$797,361	3,266	\$244.14	\$0	0.000%
330961	A 3	TURTLE LAKE TELEPHONE CO INC.	\$281,493	1,153	\$244.14	\$0	0.000%
330962	A 3	UNION TELEPHONE COMPANY	\$790,037	3,236	\$244.14	\$0	0.000%
330963	C 3	UTELCO, INC	\$2,162,416	12,316	\$175.58	\$0	0.000%
330964	C 2	URBAN TELEPHONE CORPORATION	\$2,952,976	16,115	\$183.24	\$0	0.000%
330965	A 2	VALDERS TELEPHONE COMPANY	\$440,429	1,804	\$244.14	\$0	0.000%
330966	A 3	VERNON TELEPHONE COOP	\$1,294,186	5,301	\$244.14	\$0	0.000%
330967	A 2	VIROQUA TELEPHONE COMPANY	\$723,631	2,964	\$244.14	\$0	0.000%
330968	A 2	WAUNAKEE TELEPHONE COMPANY	\$874,021	3,580	\$244.14	\$0	0.000%
330970	A 3	WAYSIDE TELEPHONE COMPANY	\$298,095	1,221	\$244.14	\$0	0.000%
330971	A 3	WEST WISCONSIN TELCOM COOP. INC.	\$802,976	3,289	\$244.14	\$0	0.000%
330973	A 3	WITTENBERG TELEPHONE COMPANY	\$436,034	1,786	\$244.14	\$0	0.000%
330974	C 3	WOOD COUNTY TELEPHONE COMPANY	\$2,797,459	20,337	\$137.56	\$0	0.000%
335220	C 1	WISCONSIN BELL	\$322,509,745	1,615,058	\$199.69	\$0	0.000%
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STATE TOTAL:		WYOMING	\$83,849,068	228,933	\$366.26	\$2,051,614	0.611%
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511595	C 2	UNITED TELEPHONE CO. OF THE WEST-WY	\$1,431,477	5,780	\$247.66	\$0	0.000%
512251	C 3	RANGE TEL. COOPERATIVE INC.-WY	\$745,938	1,322	\$564.25	\$177,925	0.053%
512289	A 3	CHUGWATER TELEPHONE COMPANY	\$69,831	225	\$310.36	\$4,206	0.001%
512290	C 3	UTAH-WYOMING TELECOM WY	\$83,383	293	\$284.58	\$2,410	0.001%
512291	C 3	DUBOIS TELEPHONE EXCHANGE INC.	\$1,035,831	1,519	\$681.92	\$288,420	0.086%
512292	A 3	EDEN VALLEY TEL. CO.	\$72,623	239	\$303.86	\$3,837	0.001%
512295	C 3	SILVER STAR TEL. CO.- WY	\$254,814	1,003	\$254.05	\$0	0.000%
512296	A 3	TRI-COUNTY TEL. ASSN. INC.-WY	\$282,033	914	\$308.57	\$16,423	0.005%
512297	C 3	UNION TELEPHONE CO.	\$980,837	2,782	\$352.57	\$99,196	0.030%
512299	C 2	TELEPHONE UTILITIES OF WYOMING, INC.	\$903,978	2,844	\$317.85	\$62,568	0.019%
515108	C 1	MOUNTAIN BELL-WYOMING	\$77,988,323	212,012	\$367.85	\$1,396,629	0.416%
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INDUSTRY TOTAL:			\$29,148,555,883	127,087,323	\$229.36	\$335,994,419	100.000%
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TABLE 3.7

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Percentage Changes 1988 to 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
STATE TOTAL:		ALABAMA	5.95%	2.90%	2.96%	34.93%	61.92%
250281	C 2	CONTEL OF THE SOUTH, INC. - AL	14.19%	5.47%	8.27%	31.86%	58.23%
250282	C 3	BLOUNTSVILLE TEL. COMPANY INC.	84.96%	12.81%	63.95%	ERR	ERR
250283	A 3	BRINDLEE MOUNTAIN TEL. COMPANY	0.40%	4.75%	-4.15%	0.00%	0.00%
250284	C 2	BUTLER TELEPHONE CO. INC.	31.63%	14.09%	15.38%	82.44%	118.92%
250285	A 3	CASTLEBERRY TEL. COMPANY INC.	-0.97%	3.32%	-4.15%	0.00%	0.00%
250286	A 3	NATIONAL TEL. CO. OF AL	-5.26%	-1.16%	-4.15%	0.00%	0.00%
250290	A 3	FARMERS TEL COOP INC - ALABAMA	-1.32%	2.96%	-4.15%	0.00%	0.00%
250293	C 2	GTE SOUTH INC. - ALABAMA	13.77%	4.15%	9.24%	52.13%	82.56%
250295	A 3	GRACEBA TOTAL COMMUNICATIONS	-1.94%	2.31%	-4.15%	0.00%	0.00%
250296	A 2	GOSHEN TELEPHONE COMPANY	-3.27%	0.92%	-4.15%	0.00%	0.00%
250297	C 2	GROVE HILL TEL. CORP.	16.20%	7.14%	8.46%	76.36%	111.63%
250298	C 3	GULF TELEPHONE COMPANY - ALABAMA	1.01%	6.82%	-5.44%	-66.36%	-59.64%
250299	A 3	HAYNEVILLE TEL. COMPANY INC.	4.99%	3.78%	1.16%	0.00%	0.00%
250300	C 3	HOPPER TEL. COMPANY INC.	15.30%	2.20%	12.82%	57.86%	89.43%
250301	A 3	LAMAR COUNTY TEL. COMPANY	-1.24%	3.04%	-4.15%	0.00%	0.00%
250302	C 2	ALLTEL ALABAMA	10.94%	2.74%	7.99%	27.31%	52.78%
250304	C 3	MILLRY TELEPHONE CO. INC	5.60%	2.56%	2.97%	9.30%	31.16%
250305	A 3	MON-CRE TEL. COOP. INC.	-0.01%	4.33%	-4.15%	0.00%	0.00%
250306	C 3	MONROEVILLE TELEPHONE COMPANY	10.50%	4.28%	5.97%	34.75%	61.70%
250307	A 3	MOUNDVILLE TELEPHONE COMPANY	4.04%	8.55%	-4.15%	0.00%	0.00%
250308	A 3	NEW HOPE TEL. COOP. INC. - AL	-0.46%	3.85%	-4.15%	0.00%	0.00%
250311	A 2	OAKMAN TEL. COMPANY INC.	5.67%	4.24%	1.37%	0.00%	0.00%
250312	A 3	ONEONTA TEL. COMPANY INC.	0.07%	4.40%	-4.15%	0.00%	0.00%
250314	C 2	PEOPLES TELEPHONE COMPANY	10.32%	5.83%	4.24%	26.36%	51.63%
250315	A 3	PINE BELT TELEPHONE COMPANY	7.89%	2.37%	5.39%	0.00%	0.00%
250316	C 3	RAGLAND TEL. CO.	7.44%	2.63%	4.68%	64.34%	97.21%
250317	A 3	ROANOKE TEL. CO. INC.	-2.44%	1.78%	-4.15%	0.00%	0.00%
250318	C 3	SOUTHLAND TEL. CO.-AL	-4.72%	2.22%	-6.80%	-27.00%	-12.40%
250322	A 3	UNION SPRINGS TEL. COMPANY	-0.89%	3.40%	-4.15%	0.00%	0.00%
255181	C 1	SOUTH CENTRAL BELL-AL	4.39%	2.52%	1.83%	0.00%	0.00%
STATE TOTAL:		ALASKA	-0.90%	4.24%	-4.93%	1.43%	21.72%
613000	C 2	ANCHORAGE TELEPHONE UTILITY	-14.02%	3.23%	-16.71%	0.00%	0.00%
613001	C 3	ARCTIC SLOPE TEL. ASSOCIATION COOP. INC	5.83%	8.64%	-2.58%	4.64%	25.57%
613002	A 3	BETTLES TELEPHONE CO. INC.	10.14%	-2.27%	12.70%	23.96%	48.76%
613003	C 3	BRISTOL BAY TELEPHONE COOP. INC.	-13.99%	10.53%	-22.18%	-28.28%	-13.94%
613004	C 3	BUSH-TELL INC.	20.67%	11.94%	7.80%	26.64%	51.97%
613005	A 3	CIRCLE UTILITIES	11.99%	5.56%	6.10%	16.50%	39.80%
613006	C 3	COPPER VALLEY TEL. COOP. INC.	8.14%	22.37%	-11.63%	-4.28%	14.86%
613007	C 3	CORDOVA TELEPHONE COOPERATIVE, INC.	-1.06%	13.52%	-12.85%	-39.42%	-27.31%
613008	C 3	FAIRBANKS MUNICIPAL UTILITIES SYSTEM	2.45%	-1.79%	4.32%	13.48%	36.18%
613009	C 2	GTE ALASKA INCORPORATED	2.78%	3.39%	-0.59%	0.00%	0.00%
613010	C 2	GLACIER STATE TELEPHONE COMPANY	-5.21%	3.59%	-8.49%	-9.69%	8.37%
613011	C 3	INTERIOR TELEPHONE COMPANY INC.	7.49%	11.84%	-3.89%	4.82%	25.78%
613012	C 2	JUNEAU & DOUGLAS TELEPHONE COMPANY	4.12%	7.73%	-3.34%	-6.67%	12.00%
613013	C 3	KETCHIKAN PUBLIC UTILITIES	1.99%	5.22%	-3.08%	-6.89%	11.74%
613015	C 3	MATANUSKA TELEPHONE ASSOC., INC.	12.09%	6.74%	5.01%	15.14%	38.17%
613016	C 3	MUKLUK TEL. COMPANY, INC.	4.54%	-1.18%	5.79%	6.41%	27.70%
613017	A 3	NATIONAL UTILITIES INC.	19.19%	6.39%	12.03%	145.79%	194.95%
613018	C 3	NUSHAGAK TELEPHONE COOPERATIVE, INC.	-6.83%	9.77%	-15.12%	-18.69%	-2.43%
613019	C 3	OTZ TELEPHONE COOPERATIVE, INC.	-0.25%	20.09%	-16.94%	-29.93%	-15.92%
613020	C 2	SITKA TELEPHONE COMPANY	6.38%	12.79%	-5.69%	0.59%	20.70%
613022	C 2	TELEPHONE UTILITIES OF ALASKA	10.40%	-0.26%	10.68%	0.00%	0.00%
613023	C 3	UNITED UTILITIES INC.	5.17%	4.52%	0.62%	5.27%	26.33%
613025	C 3	YUKON TELEPHONE COMPANY, INC.	6.62%	-1.86%	8.64%	10.47%	32.56%
613026	A 3	NORTH COUNTRY TELEPHONE COMPANY	20.44%	5.26%	14.42%	50.77%	80.93%
613028	C 3	SUMMIT TEL & TEL CO OF ALASKA	70.64%	-18.42%	109.17%	41.27%	69.52%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE 10 LATER YEAR
STATE TOTAL:		ARIZONA	3.94%	4.88%	-0.89%	3.33%	24.00%
452171	C 3	ARIZONA TEL. CO.	6.47%	13.00%	-5.78%	-1.69%	17.97%
452172	C 2	CITIZENS UTILITIES RURAL COMPANY INC.	8.87%	19.89%	-9.19%	-5.48%	13.42%
452173	C 3	PAPAGO TRIBAL UTILITY AUTHORITY	3.24%	12.14%	-7.94%	-4.02%	15.18%
452174	A 3	SOUTHWESTERN TEL. CO.	2.22%	6.65%	-4.15%	0.00%	0.00%
452175	C 2	UNIVERSAL TEL CO OF SOUTHWEST - AZ	17.07%	15.44%	1.41%	0.00%	0.00%
452176	C 3	VALLEY TELEPHONE COOPERATIVE INC-AZ	2.85%	4.45%	-1.53%	1.45%	21.73%
452177	C 2	CONTEL OF THE WEST - ARIZONA	5.94%	3.37%	2.48%	9.40%	31.28%
452275	C 2	NAVAJO COMMUNICATIONS CO. INC.- AZ	8.13%	15.86%	-6.67%	3.90%	24.68%
452302	C 2	CONTEL OF CALIFORNIA - ARIZONA	26.02%	5.11%	19.90%	92.16%	130.59%
455101	C 1	MOUNTAIN BELL-ARIZONA	3.52%	4.48%	-0.92%	0.00%	0.00%
STATE TOTAL:		ARKANSAS	5.14%	3.29%	1.79%	20.76%	44.92%
401691	C 2	ALLTEL ARKANSAS, INC.	15.29%	4.00%	10.85%	59.61%	91.53%
401692	C 3	ARKANSAS TELEPHONE COMPANY	1.93%	1.98%	-0.05%	-0.93%	18.89%
401697	C 3	CENTRAL ARKANSAS TEL. COOP INC.	4.39%	5.68%	-1.22%	-1.09%	18.69%
401698	C 2	CLEVELAND CTY TEL. CO.	16.10%	7.20%	8.31%	22.37%	46.85%
401699	C 2	DECATUR TELEPHONE CO INC- ARKANSAS	6.53%	0.65%	5.84%	25.52%	50.62%
401702	C 3	SOUTH ARKANSAS TEL. CO., INC.	10.63%	0.55%	10.02%	61.15%	93.38%
401704	A 3	LAVACA TELEPHONE-AR	-3.66%	0.51%	-4.15%	0.00%	0.00%
401705	C 2	CENTURY TEL. OF ARK., INC. (LIBERTY)	9.21%	4.98%	4.03%	22.55%	47.06%
401709	C 3	MADISON COUNTY TEL. CO. INC.	15.14%	1.53%	13.40%	117.94%	161.53%
401710	A 3	MAGAZINE TELEPHONE COMPANY	14.96%	3.77%	10.78%	918.89%	1122.66%
401711	C 2	MOUNTAIN HOME TELEPHONE COMPANY INC.	11.06%	3.82%	6.97%	2572.40%	3106.88%
401712	A 3	MOUNTAIN VIEW TELEPHONE COMPANY	9.77%	5.94%	3.61%	0.00%	0.00%
401713	C 3	NORTHERN ARKANSAS TEL. CO., INC.	13.23%	-2.07%	15.63%	82.33%	118.80%
401717	C 3	PERCO TELEPHONE COMPANY	73.74%	7.45%	61.69%	723.30%	887.96%
401718	A 3	PRAIRIE GROVE TELEPHONE COMPANY	-2.50%	1.73%	-4.15%	0.00%	0.00%
401720	C 2	REDFIELD TELEPHONE COMPANY INC.	0.90%	0.23%	0.67%	2.45%	22.94%
401721	A 3	RICE BELT TEL. CO., INC.	15.76%	2.93%	12.47%	253.67%	324.40%
401722	A 3	E. RITTER TELEPHONE COMPANY	10.03%	6.97%	2.86%	0.00%	0.00%
401724	C 3	SOUTHWEST ARKANSAS TEL. COOP. INC.	52.08%	0.70%	51.02%	ERR	ERR
401726	C 3	TRI-COUNTY TEL. CO. INC.-AR	20.76%	7.65%	12.18%	52.77%	83.32%
401727	C 2	UNION TELEPHONE COMPANY INC.	15.08%	0.93%	14.03%	26.25%	51.49%
401729	C 3	WALNUT HILL TELEPHONE COMPANY	22.84%	2.41%	19.96%	42.32%	70.78%
401730	C 2	CONTEL OF ARKANSAS, INC.	0.76%	0.53%	0.23%	0.43%	20.51%
401733	C 3	YELCOT TEL. CO., INC.	19.28%	-2.45%	22.28%	124.49%	169.39%
401734	C 3	YELL COUNTY TELEPHONE COMPANY	12.93%	-0.39%	13.38%	ERR	ERR
401790	C 2	CONTEL SYSTEM OF ARK (UTC 401728)	10.28%	-5.65%	16.88%	ERR	ERR
402080	C 2	GTE SOUTHWEST INC. - ARKANSAS	5.12%	4.14%	0.94%	7.42%	28.91%
405211	C 1	SOUTHWESTERN BELL-ARKANSAS	3.46%	3.66%	-0.19%	4.73%	25.67%
STATE TOTAL:		CALIFORNIA	0.42%	4.80%	-4.18%	9.64%	31.57%
542301	C 3	CALAVERAS TELEPHONE COMPANY	24.13%	12.61%	10.23%	39.27%	67.12%
542302	C 2	CONTEL OF CALIFORNIA - CALIFORNIA	6.37%	10.45%	-3.69%	-6.51%	12.19%
542304	C 2	C P NATIONAL CORP. - CALIFORNIA	-0.61%	3.71%	-4.17%	-7.99%	10.41%
542308	C 2	CITIZENS UTILITIES CO. OF CALIF.	22.88%	10.81%	10.90%	36.47%	63.76%
542311	C 3	CALIFORNIA-OREGON TELEPHONE CO	42.63%	0.42%	42.04%	85.46%	122.56%
542313	C 3	DUCOR TELEPHONE COMPANY	29.06%	1.72%	26.88%	63.07%	95.69%
542315	C 3	EVANS TELEPHONE COMPANY	20.57%	4.76%	15.09%	66.68%	100.02%
542318	C 3	FORESTHILL TELEPHONE COMPANY	42.35%	10.58%	28.74%	294.70%	373.64%
542319	C 2	GENERAL TEL CO OF CALIFORNIA	1.68%	5.02%	-3.19%	-70.48%	-64.58%
542321	C 2	HAPPY VALLEY TELEPHONE COMPANY	18.26%	1.39%	16.64%	30.31%	56.37%
542322	C 2	HORNITOS TELEPHONE COMPANY	23.71%	9.83%	12.64%	28.98%	54.78%
542323	C 2	WINTERHAVEN TELEPHONE COMPANY	-4.32%	9.16%	-12.35%	-16.86%	-0.23%
542324	C 3	KERMAN TELEPHONE COMPANY	7.14%	3.29%	3.72%	23.62%	48.34%
542332	C 3	THE PONDEROSA TELEPHONE COMPANY	8.30%	6.96%	1.25%	8.61%	30.33%
542334	C 2	ROSEVILLE TELEPHONE COMPANY	33.82%	9.85%	21.83%	0.00%	0.00%
542338	C 3	SIERRA TELEPHONE COMPANY, INC.	21.09%	12.59%	7.55%	30.54%	56.65%

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CALIFORNIA (CONT.)							
542339	C 3	THE SISKIYOU TELEPHONE CO.	3.01%	6.65%	-3.41%	0.14%	20.17%
542342	C 2	TUOLUMNE TELEPHONE COMPANY	11.84%	5.15%	6.37%	14.92%	37.90%
542343	C 3	THE VOLCANO TELEPHONE COMPANY	18.72%	3.28%	14.94%	79.09%	114.91%
542344	C 2	WEST COAST TEL. CO. OF CALIFORNIA	27.07%	14.35%	11.12%	91.44%	129.73%
542346	C 3	PINNACLES TELEPHONE COMPANY	10.74%	14.53%	-3.31%	8.18%	29.82%
545170	C 1	PACIFIC BELL	-0.98%	4.57%	-5.31%	0.00%	0.00%
STATE TOTAL:		COLORADO	-2.90%	3.43%	-6.12%	-4.21%	14.95%
461835	C 3	SUNFLOWER TELEPHONE CO., INC. - CO	8.74%	1.03%	7.64%	14.65%	37.59%
462178	A 3	AGATE TELEPHONE CO.	20.38%	5.56%	14.05%	48.53%	78.23%
462181	C 3	BIJOU TEL COOPERATIVE ASSOC. INC	3.81%	0.42%	3.38%	0.00%	0.00%
462182	C 3	BLANCA TELEPHONE CO.	17.82%	11.85%	5.34%	23.31%	47.97%
462184	C 3	DELTA COUNTY TELE-COMM INC.	-3.29%	1.60%	-4.82%	0.00%	0.00%
462185	C 2	EAGLE TELECOMMUNICATIONS INC.	-8.10%	10.05%	-16.50%	-28.58%	-14.29%
462186	C 3	EASTERN SLOPE RURAL TEL ASSN INC	10.79%	1.35%	9.32%	134.52%	181.42%
462187	C 1	EL PASO COUNTY MUTUAL TEL CO	-17.81%	3.90%	-20.90%	-59.87%	-51.84%
462188	C 3	FARMERS TEL CO, INC. - COLORADO	28.57%	4.29%	23.29%	42.33%	70.79%
462190	C 3	HAXTUN TELEPHONE COMPANY	-3.70%	2.06%	-5.65%	-18.89%	-2.67%
462192	C 3	BIG SANDY TELECOM INC.	0.23%	1.56%	-1.30%	-1.17%	18.59%
462193	C 3	NUCLA-NATURITA TEL. CO.	-1.75%	0.76%	-2.50%	-8.55%	9.74%
462194	C 3	NUNN TEL. COMPANY	28.95%	3.45%	24.65%	53.14%	83.77%
462196	C 3	PEETZ COOP. TEL. CO.	15.82%	1.10%	14.56%	39.04%	66.84%
462197	A 3	PHILLIPS COUNTY TEL. CO.	0.03%	4.36%	-4.15%	0.00%	0.00%
462198	A 3	PINE DRIVE TEL. CO.	2.56%	1.78%	0.77%	0.00%	0.00%
462199	C 3	PLAINS COOPERATIVE TEL. ASSOC. INC.	21.72%	1.65%	19.74%	149.00%	198.81%
462201	A 3	RICO TEL. CO.	27.20%	14.46%	11.14%	49.66%	79.59%
462202	A 3	ROGGEN TELEPHONE COOPERATIVE CO.	26.12%	12.05%	12.56%	81.88%	118.26%
462203	C 3	THE RYE TELEPHONE CO. INC.	4.64%	-0.16%	4.81%	9.66%	31.59%
462204	C 3	COLUMBINE TELEPHONE COMPANY	-3.22%	4.47%	-7.36%	-9.75%	8.29%
462206	A 3	STONEHAM COOPERATIVE TEL. CO.	18.98%	4.41%	13.95%	40.98%	69.17%
462207	C 3	STRASBURG TEL. CO.	16.52%	-0.12%	16.65%	0.00%	0.00%
462208	C 2	UNIVERSAL TEL. CO. OF COLORADO	9.07%	4.11%	4.76%	39.80%	67.76%
462209	C 3	WIGGINS TEL. ASSOC.	-0.82%	0.64%	-1.45%	-4.17%	15.00%
462210	A 3	WILLARD TEL. CO.	16.80%	3.77%	12.55%	33.19%	59.83%
465102	C 1	MOUNTAIN BELL-COLORADO	-3.04%	3.43%	-6.25%	0.00%	0.00%
STATE TOTAL:		CONNECTICUT	10.29%	0.81%	9.41%	0.00%	0.00%
132454	A 3	THE WOODBURY TEL. CO.	0.07%	4.41%	-4.15%	0.00%	0.00%
135200	C 2	SOUTHERN NEW ENGLAND TEL.	10.40%	0.78%	9.55%	0.00%	0.00%
STATE TOTAL:		DELAWARE	1.51%	4.68%	-3.03%	0.00%	0.00%
565010	C 1	DIAMOND STATE TEL. CO.	1.51%	4.68%	-3.03%	0.00%	0.00%
STATE TOTAL:		DISTRICT OF COLUMBIA	-4.82%	2.96%	-7.56%	0.00%	0.00%
575020	C 1	C & P TELEPHONE CO. OF WASHINGTON DC	-4.82%	2.96%	-7.56%	0.00%	0.00%
STATE TOTAL:		FLORIDA	1.67%	6.02%	-4.10%	-14.92%	2.10%
210291	C 3	FLORALA TELEPHONE COMPANY- FLORIDA	7.35%	17.26%	-8.44%	-16.92%	-0.31%
210318	C 3	SOUTHLAND TELEPHONE COMPANY-FL	5.62%	2.44%	3.10%	14.12%	36.94%
210328	C 2	GTE FLORIDA INCORPORATED	5.97%	4.34%	1.56%	20.17%	44.21%
210329	C 3	GULF TEL. CO.- FL	18.13%	4.57%	12.96%	ERR	ERR
210330	C 3	VISTA-UNITED TELECOMMUNICATIONS SYSTE	18.71%	34.09%	-11.47%	0.00%	0.00%
210331	C 3	INDIANTOWN TELEPHONE SYSTEM	29.97%	12.92%	15.10%	44.69%	73.63%
210335	C 3	NORTHEAST FLORIDA TEL. CO., INC.	21.58%	6.78%	13.85%	47.51%	77.01%
210336	C 2	ALLTEL FLORIDA INC.	17.87%	6.39%	10.79%	40.71%	68.86%

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FLORIDA (CONT.)							
210338	C 2	QUINCY TELEPHONE CO-FL DIV.	9.28%	6.08%	3.02%	28.85%	54.62%
210339	C 3	ST. JOSEPH TEL. AND TELE. CO.	-0.10%	6.67%	-6.35%	-22.52%	-7.03%
210340	C 2	CENTRAL TELEPHONE COMPANY OF FLORIDA	5.34%	2.47%	2.80%	0.00%	0.00%
210341	C 2	UNITED TELEPHONE CO. OF FLORIDA	2.41%	7.49%	-4.72%	-26.87%	-12.24%
215191	C 1	SOUTHERN BELL-FLORIDA	-0.49%	6.46%	-6.53%	-35.20%	-22.24%
STATE TOTAL: GEORGIA			4.14%	4.95%	-0.77%	27.31%	52.78%
220281	C 2	CONTEL OF THE SOUTH, INC. - GA	14.74%	1.83%	12.68%	85.75%	122.90%
220324	A 3	VALLEY TEL. CO.- GA	-1.44%	2.83%	-4.15%	0.00%	0.00%
220338	C 2	QUINCY TELEPHONE CO-GA DIV.	25.61%	0.53%	24.95%	140.71%	188.85%
220344	C 3	ALMA TELEPHONE CO INC	7.22%	2.09%	5.03%	21.64%	45.97%
220346	A 2	BLUE RIDGE TELEPHONE COMPANY	2.42%	6.86%	-4.15%	0.00%	0.00%
220347	C 3	BRANTLEY TELEPHONE COMPANY INC.	2.34%	6.95%	-4.31%	-11.04%	6.75%
220348	A 3	BULLOCH COUNTY RURAL TEL. COOP INC.	0.88%	5.26%	-4.15%	0.00%	0.00%
220351	C 3	CAMDEN TEL & TEL CO INC - GEORGIA	22.62%	10.95%	10.52%	70.96%	105.15%
220354	C 3	CHICKAMAUGA TEL. CORP.	0.14%	20.24%	-16.72%	0.00%	0.00%
220355	C 3	CITIZENS TELEPHONE CO INC - GEORGIA	9.31%	0.40%	8.88%	46.27%	75.52%
220356	C 3	COASTAL UTILITIES INC	44.80%	5.10%	37.78%	ERR	ERR
220357	C 2	ALLTEL GEORGIA INC.	11.35%	4.60%	6.45%	32.44%	58.93%
220358	C 3	DARIEN TELEPHONE CO. INC.	5.85%	3.04%	2.73%	35.72%	62.86%
220360	C 3	ELLIJAY TEL. CO.	11.49%	4.85%	6.33%	44.91%	73.89%
220362	A 3	FAIRMOUNT TELEPHONE CO. INC.	-2.70%	1.52%	-4.15%	0.00%	0.00%
220364	A 3	GEORGIA TELEPHONE CORPORATION	1.20%	5.58%	-4.15%	0.00%	0.00%
220365	A 3	GLENWOOD TEL. CO. INC.	-2.93%	1.28%	-4.15%	0.00%	0.00%
220368	A 3	HART COUNTY TELEPHONE COMPANY	4.10%	8.61%	-4.15%	0.00%	0.00%
220369	A 3	HAWKINSVILLE TELEPHONE CO.	0.73%	5.09%	-4.15%	0.00%	0.00%
220371	C 3	INTERSTATE TELEPHONE COMPANY	30.91%	0.27%	30.56%	0.00%	0.00%
220375	A 3	NELSON-BALL GROUND TEL. CO.	0.84%	5.20%	-4.15%	0.00%	0.00%
220376	A 3	PEMBROKE TELEPHONE CO. INC.	0.03%	4.37%	-4.15%	0.00%	0.00%
220377	C 3	PINELAND TELEPHONE COOP	11.15%	1.50%	9.50%	326.12%	411.35%
220378	A 3	PLANTERS RURAL TEL. COOP INC.	-0.97%	3.32%	-4.15%	0.00%	0.00%
220379	C 3	PLANT TELEPHONE COMPANY	13.01%	1.96%	10.85%	37.48%	64.98%
220380	A 3	PROGRESSIVE RURAL TEL. COOP INC.	0.01%	4.35%	-4.15%	0.00%	0.00%
220381	C 3	PUBLIC SERVICE TELEPHONE CO.	9.75%	1.25%	8.39%	27.47%	52.96%
220382	A 3	RINGGOLD TEL. COMPANY	-0.77%	3.53%	-4.15%	0.00%	0.00%
220386	C 3	STANDARD TEL. CO.	16.81%	15.61%	1.04%	21.29%	45.55%
220387	A 3	STATESBORO TEL. CO.	2.27%	6.70%	-4.15%	0.00%	0.00%
220389	A 3	TRENTON TELEPHONE COMPANY	-1.47%	2.80%	-4.15%	0.00%	0.00%
220392	C 3	WAVERLY HALL TEL. CO., INC.	12.24%	4.41%	7.50%	142.32%	190.78%
220394	C 3	WILKES TEL & ELECTRIC CO.	32.99%	1.96%	30.43%	0.00%	0.00%
220395	A 3	WILKINSON COUNTY TEL. CO. INC.	1.21%	5.60%	-4.15%	0.00%	0.00%
220479	C 2	GTE SOUTH INC. - GEORGIA	12.58%	3.46%	8.82%	36.72%	64.06%
225192	C 1	SOUTHERN BELL-GEORGIA	2.28%	5.02%	-2.61%	-17.05%	-0.47%
STATE TOTAL: HAWAII			22.44%	5.68%	15.86%	0.00%	0.00%
623100	C 2	GTE HAWAIIAN TEL. CO. INC.	22.44%	5.68%	15.86%	0.00%	0.00%
STATE TOTAL: IDAHO			7.31%	2.52%	4.67%	17.16%	40.60%
472177	C 2	CONTEL OF THE WEST - IDAHO	30.08%	5.14%	23.71%	65.20%	98.23%
472213	C 3	ALBION TEL. CO. INC.	8.79%	-1.90%	10.89%	17.12%	40.54%
472215	C 3	CAMBRIDGE TEL. CO., INC.-ID	4.90%	-5.77%	11.32%	16.21%	39.45%
472218	C 3	CUSTER TEL. COOPERATIVE INC.	12.75%	1.00%	11.64%	95.28%	134.34%
472220	A 3	FILER MUTUAL TELEPHONE COMPANY - ID	-0.09%	4.24%	-4.15%	0.00%	0.00%
472221	A 3	FARMERS MUTUAL TEL CO LTD. - ID	0.74%	5.10%	-4.15%	0.00%	0.00%
472223	C 2	GEM STATE UTILITIES CORP-ID	-12.73%	3.68%	-15.83%	-19.68%	-3.62%
472225	C 2	CENTURY TELEPHONE OF IDAHO	9.20%	4.78%	4.22%	13.21%	35.86%
472226	C 3	MIDVALE TEL. EXCH. INC.	17.85%	2.37%	15.12%	25.94%	51.12%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
IDAHO (CONT.)							
472227	A 3	MUD LAKE TEL. COOP. INC. ASSOC.	15.46%	-1.00%	16.63%	111.00%	153.20%
472230	C 2	POTLATCH TELEPHONE COMPANY INC.	-5.78%	32.47%	-28.87%	-100.00%	-100.00%
472231	C 3	PROJECT MUTUAL TEL. COOP. ASSN.	12.42%	1.92%	10.30%	0.00%	0.00%
472232	C 3	ROCKLAND TEL. CO., INC.	-2.72%	3.35%	-5.88%	-5.52%	13.38%
472233	C 3	RURAL TELEPHONE COMPANY - ID	20.92%	-13.62%	39.98%	40.34%	68.40%
472234	C 2	TROY TELEPHONE COMPANY	-1.06%	6.16%	-6.80%	-25.85%	-11.02%
472295	C 3	SILVER STAR TEL. CO. INC.-ID	-1.98%	-4.84%	3.00%	0.77%	20.92%
472416	C 2	GTE NORTHWEST INC. - IDAHO	9.11%	5.42%	3.50%	16.10%	39.32%
472423	C 3	INLAND TELEPHONE COMPANY - ID	-5.11%	-3.19%	-1.98%	-6.55%	12.14%
475103	C 1	MOUNTAIN BELL-IDAHO	5.78%	1.94%	3.77%	0.00%	0.00%
475162	C 1	PACIFIC NORTHWEST BELL-IDAHO	15.81%	2.37%	13.13%	0.00%	0.00%
STATE TOTAL:			4.34%	2.93%	1.36%	117.98%	161.58%
ILLINOIS							
340976	A 3	ADAMS TELEPHONE COOPERATIVE	18.30%	6.97%	10.59%	226.07%	291.29%
340978	A 3	ALHAMBRA-GRANTFORK TELEPHONE COMPANY	10.66%	9.20%	1.34%	0.00%	0.00%
340983	A 3	CAMBRIDGE TELEPHONE COMPANY - IL	1.60%	6.00%	-4.15%	0.00%	0.00%
340984	A 3	CASS COUNTY TELEPHONE COMPANY	1.74%	6.15%	-4.15%	0.00%	0.00%
340985	C 2	CENTRAL TEL. CO. OF IL	14.27%	2.59%	11.39%	0.00%	0.00%
340990	A 3	CLARKSVILLE MUTUAL TELEPHONE COMPANY	22.34%	7.10%	14.23%	76.78%	112.13%
340993	A 3	CROSSVILLE TELEPHONE COMPANY	1.73%	6.14%	-4.15%	0.00%	0.00%
340998	A 3	DEPUÉ TELEPHONE COMPANY	1.95%	6.37%	-4.15%	0.00%	0.00%
341000	C 2	ALLTEL ILLINOIS INC.	9.76%	0.26%	9.48%	0.00%	0.00%
341003	A 3	EGYPTIAN TELEPHONE COOPERATIVE ASSN.	16.50%	7.74%	8.13%	ERR	ERR
341004	C 3	EL PASO TELEPHONE COMPANY	-3.89%	0.00%	-3.89%	0.00%	0.00%
341009	A 3	C-R TELEPHONE COMPANY	13.19%	7.36%	5.44%	0.00%	0.00%
341011	A 2	LAKESIDE TEL. CO.	15.47%	7.23%	7.68%	ERR	ERR
341012	A 3	FLAT ROCK MUTUAL TELEPHONE COMPANY	10.71%	7.38%	3.11%	0.00%	0.00%
341015	C 2	GTE NORTH INC. - ILLINOIS	9.90%	-0.02%	9.92%	0.00%	0.00%
341016	A 3	GENESEO TELEPHONE COMPANY	2.62%	7.07%	-4.15%	0.00%	0.00%
341017	A 3	GLASFORD TELEPHONE COMPANY	2.43%	6.86%	-4.15%	0.00%	0.00%
341020	A 3	GRAFTON TELEPHONE COMPANY	2.43%	6.87%	-4.15%	0.00%	0.00%
341021	A 3	THE GRANDVIEW MUTUAL TELEPHONE COMPAN	14.78%	-1.98%	17.10%	50.34%	80.41%
341023	C 3	GRIDLEY TELEPHONE COMPANY	28.01%	1.11%	26.60%	0.00%	0.00%
341024	A 3	HAMILTON COUNTY TELEPHONE COOP.	15.82%	3.71%	11.68%	327.33%	412.80%
341025	A 3	SHAWNEE TELEPHONE COMPANY	14.55%	6.72%	7.33%	ERR	ERR
341026	A 3	HARRISONVILLE TELEPHONE COMPANY	5.71%	10.29%	-4.15%	0.00%	0.00%
341029	A 3	HENRY COUNTY TEL. CO.	3.09%	7.56%	-4.15%	0.00%	0.00%
341032	A 3	HOMÉ TELEPHONE COMPANY - ST JACOB	3.63%	8.12%	-4.15%	0.00%	0.00%
341036	C 2	CONTEL OF ILLINOIS, INC.	3.04%	-0.91%	3.99%	95.24%	134.29%
341037	C 2	ILLINOIS CONSOLIDATED TELEPHONE COMPAN	5.00%	1.55%	3.40%	184.50%	241.40%
341038	C 2	INLAND TEL. CO.	6.02%	2.94%	2.99%	ERR	ERR
341041	A 3	KINSMAN MUTUAL TELEPHONE COMPANY	25.56%	12.00%	12.10%	47.67%	77.20%
341043	A 3	LA HARPE TELEPHONE COMPANY	-0.17%	4.16%	-4.15%	0.00%	0.00%
341045	C 3	LEAF RIVER VALLEY TELEPHONE COMPANY	-14.80%	-2.03%	-13.04%	-40.85%	-29.02%
341046	A 3	LEONORE MUTUAL TELEPHONE COMPANY	21.41%	5.71%	14.85%	69.77%	103.72%
341047	A 3	MCDONOUGH TELEPHONE COOPERATIVE INC.	15.61%	6.05%	9.02%	ERR	ERR
341048	A 3	M McNABB TELEPHONE COMPANY	12.55%	3.26%	9.00%	ERR	ERR
341049	A 3	MADISON TELEPHONE COMPANY	15.25%	9.25%	5.49%	ERR	ERR
341050	A 3	MARSEILLES TEL. CO. OF MARS.	6.32%	10.93%	-4.15%	0.00%	0.00%
341053	A 3	METAMORA TELEPHONE COMPANY	6.52%	11.14%	-4.15%	0.00%	0.00%
341054	A 3	MID CENTURY TEL. COOP. INC.	18.26%	7.49%	10.02%	266.78%	340.13%
341055	C 2	MIDLAND TELEPHONE COMPANY	9.85%	-1.17%	11.15%	70.90%	105.08%
341058	A 3	MONTROSE MUTUAL TELEPHONE COMPANY	18.53%	8.97%	8.78%	389.56%	487.48%
341060	C 3	MOUTRIE INDEPENDENT TELEPHONE COMPAN	3.69%	-1.21%	4.96%	0.00%	0.00%
341061	A 2	MT. PULASKI TELEPHONE & ELECTRIC CO.	4.21%	8.72%	-4.15%	0.00%	0.00%
341062	A 3	NEW WINDSOR TELEPHONE COMPANY	2.62%	7.07%	-4.15%	0.00%	0.00%
341065	A 3	ODIN TELEPHONE EXCHANGE INC.	-0.76%	3.55%	-4.15%	0.00%	0.00%
341066	A 3	ONEIDA TELEPHONE EXCHANGE	7.69%	11.27%	-3.21%	0.00%	0.00%
341067	A 3	ORION TELEPHONE EXCHANGE ASSOCIATION	3.27%	7.75%	-4.15%	0.00%	0.00%

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ILLINOIS (CONT.)								
341073	A 2	PRAIRIE TEL. CO.	11.39%	8.49%	2.67%	0.00%	0.00%	
341075	A 3	REYNOLDS TELEPHONE COMPANY	3.13%	6.55%	-3.21%	0.00%	0.00%	
341079	A 3	SCHUYLER TELEPHONE COMPANY - IL	2.43%	6.87%	-4.15%	0.00%	0.00%	
341086	A 3	TONICA TELEPHONE COMPANY	11.01%	11.04%	-0.02%	0.00%	0.00%	
341087	A 3	VIOLA HOME TELEPHONE COMPANY	2.27%	6.70%	-4.15%	0.00%	0.00%	
341088	A 3	WABASH TELEPHONE COOPERATIVE INC.	5.46%	6.71%	-1.17%	0.00%	0.00%	
341091	A 3	WOODHULL COMMUNITY TELEPHONE COMPANY	1.71%	6.11%	-4.15%	0.00%	0.00%	
341092	A 3	STELLE TEL. CO.	18.59%	5.45%	12.45%	35.53%	62.63%	
341093	A 3	YATES CITY TELEPHONE COMPANY	6.12%	8.76%	-2.43%	0.00%	0.00%	
345070	C 1	ILLINOIS BELL TEL CO	3.00%	3.36%	-0.35%	0.00%	0.00%	
STATE TOTAL: INDIANA			10.34%	4.31%	5.78%	24.44%	49.33%	
320742	A 3	BLOOMINGDALE HOME TEL. CO. INC.	1.92%	6.34%	-4.15%	0.00%	0.00%	
320744	A 3	CAMDEN TELEPHONE CO INC - INDIANA	5.82%	7.09%	-1.18%	0.00%	0.00%	
320747	A 2	CENTRAL INDIANA TELEPHONE CO. INC.	-0.74%	3.56%	-4.15%	0.00%	0.00%	
320750	A 2	CITIZEN'S TEL CO, INC. FAIRMOUNT, IN	4.34%	8.87%	-4.15%	0.00%	0.00%	
320751	A 3	CITIZENS TELEPHONE CORP - WARREN	2.10%	6.52%	-4.15%	0.00%	0.00%	
320753	C 3	CLAY CTY RURAL TEL. COOP. INC.	8.88%	3.55%	5.14%	0.00%	0.00%	
320756	A 3	CRAIGVILLE TELEPHONE CO INC.	14.92%	19.90%	-4.15%	0.00%	0.00%	
320759	A 3	DAVISS-MARTIN CTY RURAL TEL CORP	6.13%	10.73%	-4.15%	0.00%	0.00%	
320762	A 2	ELNORA TELEPHONE COMPANY INC.	MERGED INTO 320809 COMMUNICATIONS CORP. OF SOUTHERN INDIANA					
320771	A 3	GEETINGSVILLE TELEPHONE CO INC.	13.97%	7.62%	5.90%	0.00%	0.00%	
320772	C 2	GTE NORTH INC. - INDIANA	11.06%	3.80%	7.00%	0.00%	0.00%	
320775	A 3	HANCOCK RURAL TELEPHONE CORP.	5.33%	9.89%	-4.15%	0.00%	0.00%	
320776	C 2	COMMUNICATIONS CORP OF INDIANA	5.63%	3.62%	1.94%	124.36%	169.23%	
320777	A 2	HOME TELEPHONE COMPANY OF PITTSBORO	5.26%	9.82%	-4.15%	0.00%	0.00%	
320778	A 2	HOME TELEPHONE COMPANY INC.	4.15%	8.67%	-4.15%	0.00%	0.00%	
320779	C 2	CONTEL OF INDIANA, INC.	4.93%	3.63%	1.25%	21.17%	45.40%	
320783	A 3	LIGONIER TELEPHONE COMPANY	4.53%	9.06%	-4.15%	0.00%	0.00%	
320784	A 3	LIBERTY CENTER TELEPHONE COMPANY	MERGED INTO 320751 CITIZENS TELEPHONE CORP - WARREN					
320788	C 3	MERCHANTS & FARMERS TELEPHONE CO	-0.47%	-2.25%	1.82%	2.21%	22.65%	
320790	A 3	MONON TELEPHONE CO. INC.	2.16%	6.58%	-4.15%	0.00%	0.00%	
320792	A 3	MULBERRY COOP. TELEPHONE CO INC.	6.25%	10.85%	-4.15%	0.00%	0.00%	
320796	A 3	NEW LISBON TELEPHONE COMPANY INC.	3.53%	8.02%	-4.15%	0.00%	0.00%	
320797	C 3	NEW PARIS TELEPHONE INC.	17.54%	3.25%	13.84%	0.00%	0.00%	
320800	C 3	NORTHWESTERN INDIANA TEL. CO. INC.	-2.67%	8.42%	-10.23%	0.00%	0.00%	
320801	A 2	ODON TEL. CO.	-0.89%	3.41%	-4.15%	0.00%	0.00%	
320807	A 3	PERRY-SPENCER RURAL TEL. COOP. INC.	4.27%	8.79%	-4.15%	0.00%	0.00%	
320809	A 2	COMMUN. CORP. OF S. IND. (POSEYVILLE)	3.99%	9.10%	-4.68%	0.00%	0.00%	
320813	A 3	PULASKI-WHITE RURAL TEL. COOP. INC.	4.49%	9.02%	-4.15%	0.00%	0.00%	
320815	A 3	ROCHESTER TELEPHONE CO. INC.	8.96%	13.68%	-4.15%	0.00%	0.00%	
320816	A 3	S & W TEL. CO., INC.	10.16%	4.41%	5.51%	0.00%	0.00%	
320818	A 3	SMITHVILLE TEL. CO., INC.	6.65%	11.28%	-4.15%	0.00%	0.00%	
320819	A 3	SOUTHEASTERN IND. RURAL TEL. COOP INC	6.37%	10.98%	-4.15%	0.00%	0.00%	
320825	A 3	SUNMAN TEL. CO. INC.	7.27%	11.92%	-4.15%	0.00%	0.00%	
320826	A 3	SWAYZEE TEL. CO. INC.	3.66%	8.15%	-4.15%	0.00%	0.00%	
320827	A 3	SWEETSER RURAL TEL. CO. INC.	3.77%	8.27%	-4.15%	0.00%	0.00%	
320828	C 2	THORNTOWN TELEPHONE CO. INC.	-42.55%	1.74%	-43.53%	0.00%	0.00%	
320829	A 3	TIPTON TELEPHONE COMPANY INC.	3.38%	7.86%	-4.15%	0.00%	0.00%	
320830	A 3	TRI-COUNTY TEL. CO. INC.-IN	4.12%	8.64%	-4.15%	0.00%	0.00%	
320831	A 2	ALLTEL INDIANA INC.	3.99%	8.49%	-4.15%	0.00%	0.00%	
320832	C 2	UNITED TELEPHONE CO. OF INDIANA INC.	5.96%	5.27%	0.66%	33.67%	60.40%	
320833	A 2	WADESVILLE TELEPHONE COMPANY INC.	MERGED INTO 320809 COMMUNICATIONS CORP. OF SOUTHERN INDIANA					
320834	A 3	WASH. CTY. RURAL TEL. COOP. INC.	4.45%	8.98%	-4.15%	0.00%	0.00%	
320837	A 3	WEST POINT TELEPHONE CO. INC.	1.56%	5.96%	-4.15%	0.00%	0.00%	
320839	A 3	YEOMAN TELEPHONE COMPANY INC.	6.36%	10.97%	-4.15%	0.00%	0.00%	
325080	C 1	INDIANA BELL TEL CO	11.96%	4.13%	7.52%	0.00%	0.00%	

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STATE TOTAL:		IOWA	0.26%	1.48%	-1.20%	93.48%	132.18%
351096	A 3	AMANA SOCIETY SERVICE CO.	-3.11%	1.09%	-4.15%	0.00%	0.00%
351097	A 3	ANDREW TELEPHONE CO. INC.	14.09%	0.32%	13.72%	289.06%	366.87%
351098	A 3	ARCADIA TELEPHONE COOP	13.96%	0.63%	13.24%	317.12%	400.54%
351101	A 3	ATKINS TELEPHONE COMPANY	-2.52%	0.73%	-3.23%	0.00%	0.00%
351105	C 3	AYRSHIRE FMRS. MUT. TEL. CO.	-11.85%	-8.51%	-3.66%	0.00%	0.00%
351107	A 3	BALDWIN-NASHVILLE TELEPHONE CO. INC.	13.14%	-1.67%	15.06%	244.93%	313.91%
351108	A 3	BARNES CITY COOP TELEPHONE CO.	9.81%	-9.25%	21.00%	89.30%	127.16%
351110	C 3	BERNARD TELEPHONE COMPANY INC.	2.70%	1.32%	1.37%	4.00%	24.80%
351112	A 3	BREDA TELEPHONE COOPERATIVE	16.38%	5.89%	9.91%	625.29%	770.35%
351113	A 3	BROOKLYN MUTUAL TELEPHONE COMPANY	4.86%	9.40%	-4.15%	0.00%	0.00%
351114	A 3	THE BURT TELEPHONE COMPANY	8.80%	-0.91%	9.80%	ERR	ERR
351115	A 3	BUTLER-BREMER MUT. TELEPHONE COMPANY	-3.44%	0.74%	-4.15%	0.00%	0.00%
351118	A 3	CASCADE TELEPHONE COMPANY	-2.79%	1.43%	-4.15%	0.00%	0.00%
351119	A 3	CASCADE MUTUAL TELEPHONE CO.	8.13%	-1.57%	9.86%	ERR	ERR
351121	A 3	CENTER JUNCTION TEL. CO., INC.	17.57%	0.71%	16.74%	70.28%	104.34%
351125	A 3	CENTRAL SCOTT TELEPHONE	-1.10%	3.18%	-4.15%	0.00%	0.00%
351126	A 2	CHESTER TELEPHONE COMPANY- IOWA	18.03%	2.01%	15.71%	97.10%	136.52%
351127	C 2	CENTRAL TELEPHONE COMPANY- IOWA	-19.57%	-1.87%	-18.04%	0.00%	0.00%
351129	A 3	THE CITIZENS MUTUAL TELEPHONE COMPANY	-4.58%	-0.45%	-4.15%	0.00%	0.00%
351130	A 3	CLARENCE TELEPHONE COMPANY INC.	-4.15%	0.00%	-4.15%	0.00%	0.00%
351132	A 3	CLEAR LAKE INDP TELEPHONE CO	-3.59%	0.58%	-4.15%	0.00%	0.00%
351133	A 3	C-M-L TEL COOP ASSN	17.10%	0.52%	16.49%	95.48%	134.57%
351134	A 3	COLO TELEPHONE COMPANY	-0.94%	3.35%	-4.15%	0.00%	0.00%
351136	A 3	COON CREEK TELEPHONE COMPANY	-2.21%	1.28%	-3.44%	0.00%	0.00%
351137	A 3	COON VALLEY COOP TEL. ASSN. INC.	12.11%	-2.02%	14.42%	395.33%	494.40%
351139	A 3	COOPERATIVE TELEPHONE COMPANY	10.56%	-3.98%	15.14%	596.77%	736.12%
351141	A 3	CORN BELT TELEPHONE COMPANY	-7.85%	-3.86%	-4.15%	0.00%	0.00%
351146	A 3	CUMBERLAND TEL. CO.	8.62%	-2.65%	11.57%	ERR	ERR
351147	A 3	DANVILLE MUT. TELEPHONE COMPANY	-1.96%	2.29%	-4.15%	0.00%	0.00%
351148	A 3	DEEP RIVER MUT. TELEPHONE COMPANY	13.23%	-1.32%	14.74%	265.99%	339.19%
351149	A 3	DEFIANCE TELEPHONE COMPANY	16.25%	1.19%	14.89%	133.64%	180.37%
351150	A 3	DIXON TELEPHONE COMPANY	-0.91%	3.39%	-4.15%	0.00%	0.00%
351152	A 3	DUMONT TELEPHONE COMPANY	-3.72%	-0.72%	-3.02%	0.00%	0.00%
351153	A 3	DUNKERTON TELEPHONE COOP., INC.	-3.51%	0.67%	-4.15%	0.00%	0.00%
351156	A 3	EAST BUCHANAN TELEPHONE COOP	7.21%	-0.22%	7.44%	0.00%	0.00%
351157	A 3	ELLSWORTH COOP TELEPHONE ASSN.	14.34%	0.33%	13.96%	247.66%	317.20%
351160	A 3	FARMERS & BUSINESSMEN'S TEL. CO.	1.22%	-1.89%	3.16%	0.00%	0.00%
351162	A 3	FARMERS COOP TELEPHONE CO - DYSART	-4.23%	-0.08%	-4.15%	0.00%	0.00%
351166	A 3	FARMERS & MERCHANTS MUTUAL TEL. CO.	-0.03%	4.30%	-4.15%	0.00%	0.00%
351168	A 3	FARMERS MUTUAL COOP TEL CO- HARLAN	15.13%	-0.57%	15.80%	133.22%	179.86%
351169	A 3	FARMERS MUTUAL COOP TEL CO- MOULTON	-3.02%	0.00%	-3.02%	0.00%	0.00%
351171	A 3	FARMERS MUTUAL TEL CO- JESUP	-4.15%	0.00%	-4.15%	0.00%	0.00%
351172	A 3	FARMERS MUTUAL TEL CO - NORA SPRINGS	-3.52%	0.66%	-4.15%	0.00%	0.00%
351173	A 3	FARMERS MUTUAL TEL CO - SHELLSBURG	0.18%	1.70%	-1.50%	0.00%	0.00%
351174	A 3	FARMERS MUTUAL TEL CO - STANTON	10.55%	-2.69%	13.60%	ERR	ERR
351175	A 3	FARMERS TELEPHONE COMPANY- BATAVIA	12.65%	2.11%	10.33%	ERR	ERR
351176	A 3	FARMERS TELEPHONE COMPANY- ESSEX	-1.90%	2.35%	-4.15%	0.00%	0.00%
351177	A 3	FARMERS TEL. CO.-RICEVILLE	9.99%	-0.36%	10.39%	ERR	ERR
351179	A 3	FENTON CO-OP TELEPHONE COMPANY	10.65%	-1.89%	12.78%	ERR	ERR
351186	C 2	GTE NORTH INC. - IOWA	-1.25%	5.40%	-6.31%	0.00%	0.00%
351187	A 3	MID-IOWA TELEPHONE CO.	-2.28%	-1.02%	-1.27%	0.00%	0.00%
351188	A 3	GOLDFIELD TEL. CO.	-4.97%	-0.86%	-4.15%	0.00%	0.00%
351189	A 3	RIVER VALLEY TEL. COOP.	7.29%	-1.10%	8.48%	ERR	ERR
351191	A 3	GRAND MOUND COOP TELEPHONE ASSN.	-5.24%	-7.00%	1.89%	0.00%	0.00%
351195	A 3	GRISWOLD CO-OP TELEPHONE COMPANY	2.44%	-1.52%	4.01%	0.00%	0.00%
351199	A 3	HAWKEYE TELEPHONE COMPANY	8.00%	1.74%	6.16%	0.00%	0.00%
351202	A 3	HOSPERS TELEPHONE EXCHANGE INC.	-3.23%	0.96%	-4.15%	0.00%	0.00%
351203	A 3	HUBBARD COOP TEL. ASSN.	-5.77%	-1.69%	-4.15%	0.00%	0.00%
351205	A 3	HUXLEY COOP TELEPHONE COMPANY	-2.07%	2.17%	-4.15%	0.00%	0.00%
351206	A 3	IAMO TELEPHONE COMPANY- IA	17.70%	2.05%	15.33%	107.40%	148.87%



TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
IOWA (CONT.)							
351207	C 2	CONTEL OF IOWA, INC.	2.83%	-0.53%	3.38%	39.76%	67.72%
351209	A 3	INTERSTATE 35 TELEPHONE COMPANY	14.10%	0.74%	13.26%	326.34%	411.61%
351212	A 3	JEFFERSON TELEPHONE COMPANY- IA	-3.26%	0.93%	-4.15%	0.00%	0.00%
351213	A 3	JORDAN SOLDIER VAL COOP TEL. CO.	33.71%	30.08%	2.79%	66.45%	99.74%
351214	A 3	KALONA COOP TELEPHONE COMPANY	-3.91%	0.26%	-4.15%	0.00%	0.00%
351217	A 3	KEYSTONE FRMS. COOP TELEPHONE CO	12.26%	-2.11%	14.67%	348.10%	437.72%
351220	A 3	LA PORTE CITY TELEPHONE COMPANY	-2.88%	1.33%	-4.15%	0.00%	0.00%
351222	A 3	LA MOTTE TELEPHONE CO.	5.56%	10.13%	-4.15%	0.00%	0.00%
351223	A 3	LAUREL TELEPHONE COMPANY INC.	13.68%	-1.02%	14.85%	226.40%	291.69%
351225	A 3	LEHIGH VALLEY COOP TEL. ASSN.	9.77%	1.35%	8.30%	ERR	ERR
351228	A 3	LONE ROCK CO-OP TELEPHONE CO	12.03%	-3.44%	16.01%	220.03%	284.04%
351229	C 3	LOST NATION - ELWOOD TEL. CO.	-7.23%	2.36%	-9.36%	-93.63%	-92.36%
351230	A 3	NORTHEAST IOWA TELEPHONE CO.	-1.71%	2.55%	-4.15%	0.00%	0.00%
351232	A 3	LYNNVILLE COMM. TEL. CO. INC.	11.84%	-2.49%	14.70%	388.69%	486.43%
351235	A 3	MANILLA TELEPHONE COMPANY	-5.81%	-1.72%	-4.15%	0.00%	0.00%
351237	A 3	MARNE & ELK HORN TELEPHONE CO	12.46%	-0.90%	13.48%	605.13%	746.15%
351238	A 3	MARTELLE COOP TELEPHONE ASSN	12.18%	-2.97%	15.62%	269.94%	343.93%
351239	A 3	MASSENA TELEPHONE COMPANY	15.43%	3.26%	11.79%	350.55%	440.66%
351241	A 3	MECHANICSVILLE TELEPHONE COMPANY	-0.62%	3.68%	-4.15%	0.00%	0.00%
351242	A 3	MILES COOP TEL. ASSN.	-4.29%	-0.14%	-4.15%	0.00%	0.00%
351243	A 3	MILLER TELEPHONE COMPANY-IA	12.32%	-4.90%	18.11%	49.28%	79.14%
351245	A 3	MINBURN TELEPHONE COMPANY	9.47%	0.00%	9.47%	ERR	ERR
351246	A 3	MINERVA VALLEY TELEPHONE CO. INC.	12.46%	0.95%	11.40%	ERR	ERR
351247	A 3	MODERN COOP TELEPHONE COMPANY	16.53%	0.46%	16.00%	108.75%	150.50%
351248	A 3	MONTEZUMA MUTUAL TELEPHONE COMPANY	-0.09%	4.24%	-4.15%	0.00%	0.00%
351249	A 3	MORLEY TEL. CO	MERGED INTO 351264				
351250	A 3	MUTUAL TEL. CO. OF MORNING SUN	-4.97%	-0.85%	-4.15%	0.00%	0.00%
351251	A 3	MEDIAPOLIS TELEPHONE COMPANY	-1.79%	0.43%	-2.21%	0.00%	0.00%
351252	A 3	MUTUAL TEL. CO.	-2.95%	1.25%	-4.15%	0.00%	0.00%
351257	A 3	NORTH ENGLISH COOP TEL. COMPANY	-3.63%	0.54%	-4.15%	0.00%	0.00%
351259	A 3	NORTHERN IOWA TELEPHONE COMPANY	12.67%	0.00%	12.67%	1105.52%	1346.62%
351260	A 3	NORTHWEST IOWA TEL CO INC	3.47%	7.95%	-4.15%	0.00%	0.00%
351261	A 3	NORTHWEST TEL. COOP.	13.06%	-1.77%	15.10%	234.14%	300.96%
351262	A 3	NORWAY RURAL TELEPHONE COMPANY	-5.05%	-0.94%	-4.15%	0.00%	0.00%
351263	A 3	OGDEN TELEPHONE COMPANY - IA	-3.91%	0.25%	-4.15%	0.00%	0.00%
351264	A 3	OLIN TELEPHONE CO INC.	9.54%	-1.10%	10.77%	62.83%	95.39%
351265	A 3	ONSLow COOP TELEPHONE ASSN.	20.92%	5.97%	14.11%	95.18%	134.21%
351266	A 3	ORAN MUTUAL TELEPHONE COMPANY	14.36%	-2.15%	16.87%	122.10%	166.52%
351269	A 3	PALO COOP TEL. ASSN.	14.23%	2.33%	11.63%	913.95%	1116.74%
351270	A 3	PALMER MUTUAL TELEPHONE CO.	13.31%	0.00%	13.31%	398.54%	498.24%
351271	A 3	PANORA COOP TEL. ASSN. INC.	2.01%	6.43%	-4.15%	0.00%	0.00%
351273	A 3	PEOPLES TELEPHONE COMPANY - IA	-3.22%	0.98%	-4.15%	0.00%	0.00%
351274	A 3	POSTVILLE TELEPHONE COMPANY	-3.66%	0.52%	-4.15%	0.00%	0.00%
351275	A 3	PRAIRIEBURG TELEPHONE COMPANY INC.	16.54%	0.00%	16.54%	94.94%	133.92%
351276	A 3	PRESTON TELEPHONE COMPANY	-4.57%	-0.44%	-4.15%	0.00%	0.00%
351277	A 3	RADCLIFFE TELEPHONE CO INC.	4.24%	-0.21%	4.46%	0.00%	0.00%
351278	A 3	READLYN TELEPHONE COMPANY	-3.87%	0.29%	-4.15%	0.00%	0.00%
351280	A 3	RINGSTED TELEPHONE COMPANY	5.83%	-2.39%	8.42%	ERR	ERR
351282	A 3	ROCKWELL COOP TELEPHONE ASSN.	14.93%	1.77%	12.93%	280.95%	357.14%
351283	A 3	ROYAL TEL. CO.	11.21%	-0.80%	12.11%	ERR	ERR
351284	A 3	RUTHVEN TEL. EXCH. CO.	-3.15%	1.05%	-4.15%	0.00%	0.00%
351285	A 3	SAC COUNTY MUTUAL TEL. CO.	-1.22%	0.93%	-2.13%	0.00%	0.00%
351291	A 3	SCHALLER TEL. CO.	10.52%	0.72%	9.72%	ERR	ERR
351292	A 3	SEARSBORO TEL. CO.	13.21%	-4.90%	19.04%	76.82%	112.18%
351293	A 3	SHARON TEL. CO.	7.06%	0.32%	6.71%	0.00%	0.00%
351294	A 3	SCRANTON TEL. CO.	2.05%	1.95%	0.10%	0.00%	0.00%
351295	A 3	SHELL ROCK TEL. CO.	-3.10%	1.10%	-4.15%	0.00%	0.00%
351297	A 3	HEART OF IOWA TELEPHONE COOP	14.23%	-0.66%	14.99%	186.03%	243.24%
351298	A 3	SOUTH SLOPE COOP TEL. CO.	-1.85%	2.40%	-4.15%	0.00%	0.00%
351301	A 3	SOUTHWEST TEL. EXCH., INC.	16.57%	0.73%	15.73%	113.91%	156.69%

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IOWA (CONT.)							
351302	A 3	SPRINGVILLE COOP TEL. ASSN.	-5.57%	-1.48%	-4.15%	0.00%	0.00%
351303	A 3	COOPERATIVE TELEPHONE EXCHANGE	13.86%	0.47%	13.32%	340.03%	428.03%
351304	A 3	SWISHER TEL. CO.	-4.15%	0.00%	-4.15%	0.00%	0.00%
351305	A 3	STRATFORD MUTUAL TEL. CO.	-0.44%	3.87%	-4.15%	0.00%	0.00%
351306	A 3	SULLY TEL. ASSOC.	4.00%	0.41%	3.57%	0.00%	0.00%
351307	A 3	SUPERIOR TEL. COOP.	20.12%	4.17%	15.31%	84.13%	120.95%
351308	A 3	TEMPLETON TELEPHONE COMPANY	11.90%	-0.85%	12.87%	2704.78%	3265.73%
351309	A 3	TERRIL TELEPHONE COMPANY	12.39%	0.55%	11.77%	ERR	ERR
351310	A 3	TITONKA TELEPHONE COMPANY	-4.32%	-0.17%	-4.15%	0.00%	0.00%
351316	C 3	UNITED FARMERS TELEPHONE COMPANY	-0.50%	-0.19%	-0.31%	-3.20%	16.16%
351319	A 3	VAN BUREN TELEPHONE CO INC.	14.06%	1.55%	12.33%	516.91%	640.30%
351320	A 3	VAN HORNE COOP TELEPHONE CO.	5.24%	3.86%	1.33%	0.00%	0.00%
351322	A 3	VENTURA TELEPHONE CO. INC.	2.79%	0.20%	2.58%	0.00%	0.00%
351324	A 3	VILLISCA FARMERS TELEPHONE CO.	-4.15%	0.00%	-4.15%	0.00%	0.00%
351326	A 3	WALNUT TELEPHONE COMPANY	-2.52%	1.70%	-4.15%	0.00%	0.00%
351327	C 3	WEBB-DICKENS TELEPHONE CORPORATION	-2.50%	-3.10%	0.62%	0.91%	21.10%
351328	A 3	WEBSTER-CALHOUN COOP TELEPHONE ASSN.	14.29%	-0.51%	14.87%	190.02%	248.03%
351329	A 3	WELLMAN COOP TELEPHONE ASSN.	-2.79%	1.42%	-4.15%	0.00%	0.00%
351331	A 3	WEST IOWA TELEPHONE COMPANY	-4.28%	-0.13%	-4.15%	0.00%	0.00%
351332	A 3	WEST LIBERTY TELEPHONE COMPANY	0.06%	4.40%	-4.15%	0.00%	0.00%
351334	A 3	WESTERN IOWA TELEPHONE ASSN.	12.78%	1.46%	11.16%	ERR	ERR
351335	A 3	WESTSIDE INDP. TELEPHONE COMPANY	12.01%	-1.47%	13.68%	886.93%	1084.31%
351336	A 3	WILTON TELEPHONE COMPANY	-5.23%	-1.12%	-4.15%	0.00%	0.00%
351337	A 3	WINNEBAGO COOP TELEPHONE ASSN - IA	10.96%	-0.55%	11.57%	ERR	ERR
351341	A 3	SCHUYLER TELEPHONE COMPANY - IA	-1.90%	2.35%	-4.15%	0.00%	0.00%
351342	A 3	WOOLSTOCK MUT. TELEPHONE ASSN.	15.20%	0.00%	15.20%	149.95%	199.94%
351343	A 3	WYOMING MUTUAL TELEPHONE COMPANY	-4.60%	-0.47%	-4.15%	0.00%	0.00%
351344	A 3	PRAIRIE TELEPHONE COMPANY INC.	18.68%	8.89%	8.99%	325.18%	410.21%
351346	C 3	ACE TELEPHONE ASSOCIATION- IOWA	2.52%	4.78%	-2.15%	0.00%	0.00%
351405	A 3	HILLS TEL. CO., INC. - IA	14.64%	-0.24%	14.92%	175.52%	230.62%
351424	A 3	MABEL COOPERATIVE TELEPHONE CO. IA	14.46%	-0.24%	14.73%	188.71%	246.45%
351790	C 2	CONTEL SYSTEM OF IOWA (UTC 351317)	3.94%	1.35%	2.55%	0.00%	0.00%
351888	C 3	GRAND RIVER MUTUAL TEL CORP - IA	1.79%	1.94%	-0.15%	-4.63%	14.45%
355141	C 1	NORTHWESTERN BELL-IOWA	0.40%	1.47%	-1.06%	0.00%	0.00%
STATE TOTAL:			2.86%	2.90%	-0.04%	4.35%	25.22%
411317	C 2	UTC OF EASTERN KANSAS (CONTEL 411790)	-2.33%	0.49%	-2.81%	-6.60%	12.08%
411741	C 3	ASSARIA TELEPHONE EXCHANGE INC.	-6.08%	3.60%	-9.35%	-46.59%	-35.91%
411746	C 3	BLUE VALLEY TELEPHONE COMPANY	-4.71%	-1.18%	-3.58%	-39.14%	-26.97%
411756	A 3	COLUMBUS TELEPHONE COMPANY	-4.62%	-0.48%	-4.15%	0.00%	0.00%
411758	A 3	COUNCIL GROVE TEL. CO.	-1.21%	3.07%	-4.15%	0.00%	0.00%
411761	C 3	CUNNINGHAM TELEPHONE CO. INC.	1.61%	-1.43%	3.08%	9.36%	31.23%
411764	C 3	ELKHART TELEPHONE COMPANY INC.	3.03%	0.35%	2.67%	0.00%	0.00%
411777	A 3	GOLDEN BELT TELEPHONE ASSN. INC.	16.08%	-0.42%	16.57%	104.36%	145.24%
411778	A 3	GORHAM TELEPHONE COMPANY INC.	26.59%	12.62%	12.40%	74.23%	109.08%
411780	A 3	HAVILAND TELEPHONE COMPANY INC.	13.96%	-0.39%	14.41%	230.61%	296.73%
411781	C 3	H & B COMMUNICATIONS INC.	13.25%	-1.47%	14.94%	31.96%	58.35%
411782	C 3	HOME TELEPHONE COMPANY INC.	-21.59%	3.26%	-24.06%	-63.99%	-56.78%
411785	C 2	J. B. N. TELEPHONE COMPANY INC.	50.70%	5.44%	42.92%	408.26%	509.91%
411788	C 3	KANOKLA TEL. ASSOC. INC. - KS	-5.38%	-5.42%	0.05%	-7.64%	10.83%
411791	A 3	LA HARPE TELEPHONE COMPANY INC.	13.24%	2.19%	10.81%	ERR	ERR
411801	C 3	MADISON TEL. CO. INC. - KS	8.92%	0.14%	8.77%	16.70%	40.04%
411807	C 3	MOKAN DIAL, INC. - KS	-7.62%	4.27%	-11.40%	-76.54%	-71.85%
411808	C 3	MOONDRIDGE TEL. CO.	8.33%	-0.71%	9.11%	27.98%	53.58%
411809	A 3	MUTUAL TELEPHONE COMPANY	10.30%	2.05%	8.09%	ERR	ERR
411814	C 3	PEOPLES MUTUAL TEL. CO. -KS	18.82%	7.61%	10.42%	77.34%	112.81%
411817	C 3	PIONEER TELEPHONE ASSOCIATION INC.	33.18%	0.00%	33.18%	ERR	ERR
411818	C 3	CRAW-KAN TELEPHONE COOP INC- KS	-0.55%	0.35%	-0.90%	-21.13%	-5.36%
411820	A 3	RAINBOW TEL COOPERATIVE ASSN INC.	16.72%	0.84%	15.75%	111.32%	153.59%

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KANSAS (CONT.)							
411826	C 3	RURAL TEL. SERVICE CO., INC.	-1.61%	-0.49%	-1.12%	-2.19%	17.37%
411827	C 3	S & T TEL. COOP. ASSN.	-3.73%	-1.48%	-2.28%	-5.39%	13.53%
411829	A 3	S & A TEL. CO., INC.	14.50%	3.17%	10.98%	1253.00%	1523.60%
411831	C 3	SOUTH CENTRAL TEL. ASSN. INC.-KS	-17.40%	-1.80%	-15.89%	-53.95%	-44.74%
411833	A 3	SOUTHERN KANSAS TEL. CO., INC.	16.08%	1.02%	14.90%	137.89%	185.47%
411835	C 3	SUNFLOWER TEL. CO., INC.	-3.01%	0.95%	-3.92%	-8.32%	10.02%
411839	A 3	TRI-COUNTY TEL. ASSN. INC.-KS	16.09%	0.60%	15.40%	126.13%	171.35%
411840	C 3	TWIN VALLEY TEL. INC.-KS	6.16%	0.14%	6.01%	18.65%	42.38%
411841	C 3	UNITED TELEPHONE ASSN. INC.	5.39%	5.19%	0.19%	5.91%	27.09%
411842	C 2	UNITED TELEPHONE CO OF KS	2.84%	2.80%	0.04%	-0.41%	19.51%
411845	A 3	WAMEGO TELEPHONE COMPANY INC.	-2.59%	1.64%	-4.15%	0.00%	0.00%
411847	C 3	THE WHEAT STATE TEL. CO. INC.	1.97%	-0.72%	2.71%	5.89%	27.07%
411849	C 3	WILSON TELEPHONE COMPANY INC.	-0.93%	1.64%	-2.53%	-9.42%	8.70%
411852	C 3	ZENDA TELEPHONE COMPANY INC.	13.83%	0.92%	12.80%	29.93%	55.91%
411957	C 2	UTC OF SE. KAN. (KANSAS STATE 411789)	11.26%	-0.06%	11.33%	0.00%	0.00%
412030	C 3	TOTAH TELEPHONE CO. INC.	-0.14%	2.01%	-2.10%	-2.09%	17.49%
415214	C 1	SOUTHWESTERN BELL-KANSAS	2.84%	3.23%	-0.38%	0.00%	0.00%
STATE TOTAL:		KENTUCKY	3.20%	2.67%	0.51%	14.50%	37.40%
260396	A 3	BALLARD RURAL TEL. COOP. CORP. INC.	-1.23%	3.05%	-4.15%	0.00%	0.00%
260398	A 3	BRANDENBURG TELEPHONE COMPANY, INC.	0.79%	5.16%	-4.15%	0.00%	0.00%
260401	A 3	DUO COUNTY TEL. COOP. INC.	0.53%	4.88%	-4.15%	0.00%	0.00%
260402	A 2	ALLTEL KENTUCKY, INC.	-1.12%	3.16%	-4.15%	0.00%	0.00%
260406	A 3	FOOTHILLS RURAL TEL. COOP. CORP. INC.	-1.51%	2.76%	-4.15%	0.00%	0.00%
260407	C 2	GTE SOUTH INC. - KENTUCKY	4.99%	2.31%	2.62%	16.98%	40.38%
260408	A 3	HAROLD TELEPHONE CO INC.	-1.68%	2.58%	-4.15%	0.00%	0.00%
260410	C 2	CONTEL OF KENTUCKY, INC.	10.55%	5.44%	4.85%	20.86%	45.03%
260411	A 2	LESLIE COUNTY TEL. CO. INC.	-0.92%	3.38%	-4.15%	0.00%	0.00%
260412	A 2	LEWISPORT TEL. CO. INC.	-2.42%	1.81%	-4.15%	0.00%	0.00%
260413	A 3	LOGAN TELEPHONE COOPERATIVE, INC.	-1.49%	2.78%	-4.15%	0.00%	0.00%
260414	A 3	MOUNTAIN RURAL TEL. COOP. CORP. INC.	-0.78%	3.52%	-4.15%	0.00%	0.00%
260415	A 3	PEOPLES RURAL TEL. COOP. CORP.	-1.32%	2.96%	-4.15%	0.00%	0.00%
260417	A 2	SALEM TEL. CO.	0.44%	4.79%	-4.15%	0.00%	0.00%
260418	A 3	SOUTH CENTRAL RURAL TEL. COOP. CORP. INC.	-0.75%	3.55%	-4.15%	0.00%	0.00%
260419	A 3	THACKER/GRIGSBY TEL. CO., INC.	-2.31%	1.92%	-4.15%	0.00%	0.00%
260421	A 3	WEST KY. RURAL TEL. COOP. CORP. INC.	-1.73%	2.53%	-4.15%	0.00%	0.00%
265061	C 2	CINCINNATI BELL-KENTUCKY	14.47%	4.00%	10.06%	0.00%	0.00%
265182	C 1	SOUTH CENTRAL BELL-KENTUCKY	1.11%	2.30%	-1.16%	-15.88%	0.94%
STATE TOTAL:		LOUISIANA	6.23%	1.48%	4.67%	22.54%	47.05%
270422	C 2	ATHENS TEL. CO.	MERGED INTO 270436				
270423	C 2	CENTRAL LOUISIANA TELEPHONE COMPANY	3.54%	3.66%	-0.12%	4.13%	24.96%
270424	C 2	COASTAL TELEPHONE & ELECTRONICS CORP.	0.52%	2.93%	-2.34%	-5.48%	13.42%
270425	C 3	CAMERON TEL. CO.- LA	6.54%	-1.41%	8.06%	15.97%	39.16%
270426	A 3	CAMPTI-PLEASANT HILL TEL. COMPANY	2.88%	4.05%	-1.13%	0.00%	0.00%
270427	A 3	CHATHAM TELEPHONE COMPANY, INC.	-0.20%	4.12%	-4.15%	0.00%	0.00%
270428	A 3	DELCAMBRE TELEPHONE COMPANY	2.01%	6.43%	-4.15%	0.00%	0.00%
270429	C 3	EAST ASCENSION TELEPHONE COMPANY	9.46%	3.45%	5.81%	42.70%	71.25%
270430	C 3	ELIZABETH TELEPHONE COMPANY INC	5.31%	-0.09%	5.40%	10.21%	32.25%
270431	C 2	CADDOAN TELEPHONE COMPANY	5.02%	1.20%	3.78%	13.08%	35.70%
270432	A 3	KAPLAN TELEPHONE COMPANY	-1.64%	2.62%	-4.15%	0.00%	0.00%
270433	C 3	LAFOURCHE TEL. CO.	0.15%	1.89%	-1.71%	-3.95%	15.26%
270434	C 2	EVANGELINE TELEPHONE COMPANY	5.68%	3.30%	2.31%	13.21%	35.86%
270435	C 3	NORTHEAST LOUISIANA TEL. CO. INC.	7.75%	-0.13%	7.89%	13.02%	35.62%
270436	C 2	CENTURY TELEPHONE OF NORTH LOUISIANA	33.44%	3.35%	29.12%	54.59%	85.51%
270437	C 2	PLAIN DEALING TEL. CO.	MERGED INTO 270436				
270438	C 3	RESERVE TELEPHONE COMPANY	2.07%	0.50%	1.57%	45.41%	74.49%
270439	A 3	RINGGOLD TEL. CO., INC.	-4.15%	0.00%	-4.15%	0.00%	0.00%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
LOUISIANA (CONT.)							
270440	C 2	CENTURY TELEPHONE COMPANY INC.	3.02%	7.24%	-3.94%	1.77%	22.12%
270441	A 3	STAR TEL. CO., INC.	-2.85%	1.36%	-4.15%	0.00%	0.00%
270442	C 2	LOUISIANA WESTERN TELEPHONE COMPANY	16.46%	4.93%	10.99%	23.39%	48.07%
270443	C 2	UTC OF LOUISIANA	MERGED INTO 270436		CENTURY TELEPHONE OF NORTH LOUISIANA		
275183	C 1	SOUTH CENTRAL BELL-LOUISIANA	6.18%	1.40%	4.71%	33.39%	60.07%
STATE TOTAL: MAINE			0.96%	4.29%	-3.19%	-13.89%	3.33%
100002	A 3	BRYANT POND TEL. CO.	7.14%	2.97%	4.05%	0.00%	0.00%
100003	C 3	LINCOLNVILLE TEL. CO.	11.83%	8.35%	3.21%	28.90%	54.68%
100004	C 3	CHINA TEL. CO.	15.80%	7.49%	7.73%	204.55%	265.47%
100005	A 3	COBOSSEECONTEE TEL. CO.	-1.70%	2.56%	-4.15%	0.00%	0.00%
100007	A 3	ISLAND TEL. CO.	130.97%	111.43%	9.24%	149.82%	199.78%
100010	C 3	HAMPDEN TEL. CO.	4.21%	3.05%	1.12%	0.00%	0.00%
100011	C 2	HARTLAND & ST. ALBANS TEL. CO.	1.09%	-0.04%	1.13%	6.10%	27.32%
100014	C 2	CONTEL OF MAINE, INC.	2.24%	4.86%	-2.50%	-8.67%	9.60%
100015	A 3	COMMUNITY SERVICE TEL. CO.	3.18%	7.65%	-4.15%	0.00%	0.00%
100019	A 3	OXFORD COUNTY TEL. & TELE. CO.	7.64%	12.30%	-4.15%	0.00%	0.00%
100020	A 3	PINE TREE TEL. & TELE. CO.	3.96%	8.47%	-4.15%	0.00%	0.00%
100022	A 3	SACO RIVER TEL. & TELE. CO.	1.73%	6.14%	-4.15%	0.00%	0.00%
100024	C 2	SOMERSET TEL. CO.	12.78%	0.73%	11.96%	0.00%	0.00%
100025	C 3	STANDISH TEL. CO.	19.43%	7.35%	11.26%	80.52%	116.63%
100027	C 3	UNION RIVER TEL. CO.	-19.66%	3.30%	-22.22%	-46.00%	-35.20%
100029	C 3	UNITY TEL. CO., INC.	7.80%	7.77%	0.03%	2.28%	22.74%
100031	C 2	WARREN TEL. CO.	2.02%	1.59%	0.42%	0.00%	0.00%
100034	C 2	WEST PENOBSCOT TEL. & TEL. CO.	6.40%	8.97%	-2.37%	0.00%	0.00%
105111	C 1	NEW ENGLAND TEL.-MAINE	0.30%	4.10%	-3.64%	-42.06%	-30.48%
STATE TOTAL: MARYLAND			5.27%	4.21%	1.02%	0.00%	0.00%
180216	A 3	ARMSTRONG TELEPHONE COMPANY OF MD	0.67%	5.03%	-4.15%	0.00%	0.00%
185030	C 1	C & P TELEPHONE COMPANY OF MARYLAND	5.28%	4.21%	1.03%	0.00%	0.00%
STATE TOTAL: MASSACHUSETTS			-0.16%	2.55%	-2.65%	0.00%	0.00%
110036	A 3	GRANBY TEL. & TELE. CO - MA	0.52%	4.88%	-4.15%	0.00%	0.00%
110037	C 3	RICHMOND TEL. CO.	-7.93%	2.13%	-9.85%	0.00%	0.00%
115112	C 1	NEW ENGLAND TEL.-MA	-0.16%	2.55%	-2.65%	0.00%	0.00%
STATE TOTAL: MICHIGAN			6.51%	2.88%	3.52%	89.66%	127.59%
310669	A 3	ALLENDALE TELEPHONE COMPANY	8.69%	13.40%	-4.15%	0.00%	0.00%
310671	C 2	CENTURY TELEPHONE MIDWEST, INC.	9.18%	7.89%	1.19%	11.87%	34.24%
310672	A 2	COMMUNICATIONS CORP. OF MI (AUGUSTA)	5.44%	10.01%	-4.15%	0.00%	0.00%
310675	A 3	BARAGA TELEPHONE COMPANY	12.28%	17.15%	-4.15%	0.00%	0.00%
310676	A 3	BARRY COUNTY TELEPHONE COMPANY	4.30%	8.82%	-4.15%	0.00%	0.00%
310677	A 2	ISLAND TELEPHONE COMPANY	22.05%	14.22%	6.85%	220.75%	284.90%
310678	A 3	BLANCHARD TELEPHONE ASSOC. INC.	5.62%	10.20%	-4.15%	0.00%	0.00%
310679	C 3	BLOOMINGDALE TELEPHONE COMPANY	62.47%	5.00%	54.74%	169.78%	223.74%
310680	C 3	CHIPPEWA COUNTY TELEPHONE COMPANY	5.54%	4.28%	1.20%	12.85%	35.42%
310681	C 2	ALLTEL MICHIGAN INC.	19.63%	3.65%	15.41%	ERR	ERR
310682	C 2	C, C & S TELCO, INC. - MICHIGAN	13.69%	2.49%	10.93%	0.00%	0.00%
310683	C 3	CARR TELEPHONE COMPANY	59.85%	2.00%	56.71%	ERR	ERR
310685	C 2	CHATHAM TELEPHONE COMPANY - MI	27.67%	-3.54%	32.36%	ERR	ERR
310687	A 2	CLAYTON TELEPHONE COMPANY	MERGED INTO 310672		COMMUNICATIONS CORP. OF MICHIGAN		
310688	A 3	CLIMAX TELEPHONE COMPANY	6.43%	11.04%	-4.15%	0.00%	0.00%
310691	A 3	DEERFIELD FARMERS TELEPHONE COMPANY	4.00%	8.50%	-4.15%	0.00%	0.00%
310692	A 3	DRENTHE TELEPHONE COMPANY	4.84%	9.39%	-4.15%	0.00%	0.00%
310694	A 3	FARMERS MUTUAL TEL CO OF CHAPIN	27.61%	26.63%	0.78%	73.44%	108.13%
310695	C 2	GTE NORTH INC. - MICHIGAN	15.28%	2.87%	12.06%	ERR	ERR

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAF
MICHIGAN (CONT.)							
310699	A 2	HICKORY TELEPHONE COMPANY	MERGED	INTO 310672	COMMUNICATIONS CORP. OF MICHIGAN		
310702	C 2	CENTURY TELEPHONE OF MICHIGAN, INC.	11.20%	4.65%	6.25%	61.49%	93.79%
310703	A 3	KALEVA TELEPHONE COMPANY	12.98%	12.04%	0.84%	0.00%	0.00%
310704	C 3	ACE TELEPHONE CO. OF MI INC.	3.88%	7.43%	-3.31%	-5.90%	12.92%
310705	A 3	KINGSLEY TELEPHONE COMPANY	6.33%	10.94%	-4.15%	0.00%	0.00%
310708	A 3	LENNON TELEPHONE COMPANY	3.58%	8.06%	-4.15%	0.00%	0.00%
310711	C 2	MIDWAY TELEPHONE COMPANY	13.77%	4.46%	8.91%	26.97%	52.37%
310713	C 3	HIAWATHA TELEPHONE COMPANY	30.01%	17.17%	10.96%	118.36%	162.04%
310714	C 3	OGDEN TELEPHONE COMPANY	19.27%	-0.25%	19.56%	82.58%	119.10%
310717	C 2	ONTONAGON COUNTY TELEPHONE CO.	8.49%	2.34%	6.01%	0.00%	0.00%
310720	C 3	PENINSULA TELEPHONE COMPANY - MI	1.08%	3.61%	-2.44%	0.00%	0.00%
310721	C 3	PIGEON TELEPHONE COMPANY	5.98%	1.77%	4.14%	22.88%	47.45%
310725	A 3	SAND CREEK TEL. CO.	15.31%	20.31%	-4.15%	0.00%	0.00%
310726	A 2	SHIAWASSEE TELEPHONE COMPANY	6.89%	11.52%	-4.15%	0.00%	0.00%
310728	C 3	SPRINGPORT TEL. CO.	2.16%	-0.94%	3.13%	0.00%	0.00%
310732	C 3	UPPER PENINSULA TEL. CO.	32.62%	17.26%	13.10%	54.57%	85.49%
310734	A 3	WALDRON TELEPHONE COMPANY	1.36%	5.76%	-4.15%	0.00%	0.00%
310735	A 3	WESTPHALIA TELEPHONE COMPANY	5.19%	9.74%	-4.15%	0.00%	0.00%
310737	C 3	WINN TELEPHONE COMPANY	3.19%	-0.37%	3.57%	28.23%	53.88%
310738	C 2	WOLVERINE TELEPHONE COMPANY	1.72%	3.05%	-1.30%	0.00%	0.00%
315090	C 1	MICHIGAN BELL TEL CO	4.67%	2.74%	1.87%	0.00%	0.00%
STATE TOTAL: MINNESOTA			6.24%	2.94%	3.20%	13.19%	35.82%
361140	C 2	CONTEL OF MINNESOTA, INC.	-3.74%	0.74%	-4.44%	-23.29%	-7.95%
361186	C 2	GTE NORTH INC. - MINNESOTA	19.51%	7.94%	10.71%	0.00%	0.00%
361337	A 3	WINNEBAGO COOP TELEPHONE ASSOC - MN	16.52%	-0.27%	16.84%	92.83%	131.40%
361346	C 3	ACE TELEPHONE ASSOCIATION - MN	12.24%	4.44%	7.47%	0.00%	0.00%
361347	A 3	ALBANY MUTUAL TELEPHONE ASSN. INC.	-4.00%	0.16%	-4.15%	0.00%	0.00%
361350	C 3	ARVIG TELEPHONE COMPANY	0.08%	11.85%	-10.52%	0.00%	0.00%
361353	A 3	CITY OF BARNESVILLE TELEPHONE CO	-9.79%	-5.88%	-4.15%	0.00%	0.00%
361356	A 3	BENTON COOPERATIVE TELEPHONE CO.	-2.67%	1.55%	-4.15%	0.00%	0.00%
361357	A 3	BLACKDUCK TELEPHONE COMPANY	-2.95%	1.25%	-4.15%	0.00%	0.00%
361358	A 3	BLUE EARTH VALLEY TELEPHONE CO.	-5.64%	-1.55%	-4.15%	0.00%	0.00%
361362	A 3	BRIDGewater TELEPHONE COMPANY	-0.49%	3.83%	-4.15%	0.00%	0.00%
361365	A 3	CALLAWAY TELEPHONE COMPANY	17.85%	2.31%	15.18%	104.31%	145.18%
361367	C 2	CENTRAL TELEPHONE COMPANY - MN	19.23%	4.29%	14.32%	0.00%	0.00%
361370	C 3	CLARA CITY TELEPHONE EXCH. CO.	-3.51%	4.85%	-7.97%	-26.57%	-11.89%
361372	A 3	CLEMENTS TELEPHONE COMPANY	17.48%	0.61%	16.77%	83.39%	120.06%
361373	A 3	CONSOLIDATED TELEPHONE COMPANY- MN	-1.58%	2.69%	-4.15%	0.00%	0.00%
361374	C 3	ARROWHEAD COMMUNICATIONS CORP.	25.70%	5.15%	19.54%	67.02%	100.42%
361375	A 3	MID-COMMUNICATIONS INC.	-3.54%	0.64%	-4.15%	0.00%	0.00%
361377	A 3	DANUBE TELEPHONE COMPANY	8.69%	-0.90%	9.68%	ERR	ERR
361379	A 3	DEER RIVER TELEPHONE CO.	-2.19%	2.04%	-4.15%	0.00%	0.00%
361380	A 3	DELAVAN TELEPHONE COMPANY	11.51%	-2.40%	14.24%	612.63%	755.15%
361381	A 3	DUNNELL TELEPHONE COMPANY INC.	12.71%	-3.94%	17.33%	146.00%	195.20%
361383	A 3	EAGLE VALLEY TELEPHONE COMPANY	-4.15%	0.00%	-4.15%	0.00%	0.00%
361384	A 3	EASTON TELEPHONE COMPANY	15.54%	-0.43%	16.03%	120.97%	165.16%
361385	C 3	EAST OTTER TAIL TELEPHONE CO.	12.61%	2.73%	9.62%	1960.74%	2372.89%
361386	A 3	ECKLES TELEPHONE COMPANY	-3.26%	0.93%	-4.15%	0.00%	0.00%
361387	A 3	EMILY COOPERATIVE TELEPHONE CO.	-4.34%	-0.20%	-4.15%	0.00%	0.00%
361389	A 3	FARMERS MUTUAL TEL CO - BELLINGHAM	14.16%	-0.52%	14.76%	201.41%	261.69%
361390	A 3	FEDERATED TELEPHONE COOPERATIVE	14.45%	-0.41%	14.92%	180.50%	236.60%
361391	A 3	FELTON TELEPHONE COMPANY INC.	12.62%	-4.56%	18.00%	126.79%	172.14%
361395	C 3	GARDEN VALLEY TELEPHONE COMPANY	6.45%	1.89%	4.47%	ERR	ERR
361396	A 3	GARDONVILLE COOPERATIVE TEL. ASSN.	-5.31%	-1.21%	-4.15%	0.00%	0.00%
361399	A 3	GRANADA TEL. CO.	15.30%	0.00%	15.30%	143.92%	192.71%
361401	A 3	HALSTAD TELEPHONE COMPANY	16.15%	-1.04%	17.37%	71.31%	105.57%
361403	A 3	HANCOCK TELEPHONE COMPANY- MN	-5.60%	-1.51%	-4.15%	0.00%	0.00%
361404	A 3	HARMONY TELEPHONE COMPANY	9.40%	-0.23%	9.66%	ERR	ERR

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MINNESOTA (CONT.)							
361405	A 3	HILLS TELEPHONE CO. INC. - MN	18.88%	2.48%	16.00%	65.35%	98.42%
361407	A 3	HOHMAN TELEPHONE COMPANY	-2.99%	1.21%	-4.15%	0.00%	0.00%
361408	A 3	HOME TEL. CO.- MN	-2.03%	-0.25%	-1.79%	0.00%	0.00%
361409	A 3	HUTCHINSON TELEPHONE COMPANY	-2.82%	1.39%	-4.15%	0.00%	0.00%
361410	C 3	JOHNSON TELEPHONE COMPANY	13.94%	3.86%	9.70%	23.31%	47.97%
361412	A 3	KASSON & MANTORVILLE TEL. CO.	-1.89%	2.36%	-4.15%	0.00%	0.00%
361413	A 3	K M P TELEPHONE COMPANY	4.65%	0.48%	4.15%	0.00%	0.00%
361414	C 3	LAKEDALE TELEPHONE COMPANY	-6.42%	1.97%	-8.23%	0.00%	0.00%
361419	A 3	LISMORE COOPERATIVE TELEPHONE CO.	13.07%	0.00%	13.07%	636.26%	783.51%
361422	A 3	LONSDALE TELEPHONE COMPANY	-4.15%	0.00%	-4.15%	0.00%	0.00%
361423	A 3	LOWRY TELEPHONE COMPANY	-4.43%	-0.29%	-4.15%	0.00%	0.00%
361424	A 3	MABEL COOPERATIVE TELEPHONE CO.- MN	11.22%	-0.53%	11.81%	ERR	ERR
361425	A 3	MADELIA TELEPHONE COMPANY	-4.73%	-0.60%	-4.15%	0.00%	0.00%
361426	A 3	MANCHESTER-HARTLAND TELEPHONE CO.	12.39%	-3.32%	16.25%	207.75%	269.30%
361427	A 3	MANKATO CITIZENS TELEPHONE CO.	0.20%	4.54%	-4.15%	0.00%	0.00%
361430	A 3	MELROSE TELEPHONE COMPANY	-4.06%	0.10%	-4.15%	0.00%	0.00%
361431	A 3	MIDWEST TEL. CO.	-3.94%	0.22%	-4.15%	0.00%	0.00%
361433	C 2	MID STATE TELEPHONE COMPANY	5.75%	0.50%	5.22%	0.00%	0.00%
361437	A 3	MINNESOTA LAKE TELEPHONE COMPANY	-0.24%	-1.54%	1.33%	0.00%	0.00%
361439	A 3	MINNESOTA VALLEY TEL. CO. INC.	11.74%	-2.45%	14.54%	468.28%	581.94%
361440	A 3	CANNON VALLEY TELECOM, INC.	8.39%	1.15%	7.15%	0.00%	0.00%
361442	C 3	NEW ULM TELECOM, INC.	5.65%	4.01%	1.58%	0.00%	0.00%
361443	A 3	NORMAN COUNTY TELEPHONE CO. INC.	-0.65%	3.65%	-4.15%	0.00%	0.00%
361445	A 3	NORTHLAND TELEPHONE COMPANY	-1.52%	2.75%	-4.15%	0.00%	0.00%
361448	A 3	OSAKIS TELEPHONE COMPANY	-1.88%	2.37%	-4.15%	0.00%	0.00%
361450	A 3	PARK REGION MUTUAL TEL. CO.	-4.43%	-0.29%	-4.15%	0.00%	0.00%
361451	C 3	PAUL BUNYAN RURAL TEL. COOP.	12.71%	5.37%	6.96%	43.05%	71.65%
361453	A 3	PEOPLES TELEPHONE COMPANY - MN	6.83%	0.79%	5.99%	0.00%	0.00%
361454	A 3	PINE ISLAND TELEPHONE COMPANY	-2.02%	2.22%	-4.15%	0.00%	0.00%
361456	C 2	UNITED TELEPHONE CO OF MINN	7.00%	3.77%	3.11%	47.25%	76.70%
361472	A 3	REDWOOD COUNTY TEL. CO.	6.34%	-0.19%	6.54%	0.00%	0.00%
361473	A 3	ROCK DELL TEL. CO.	14.44%	19.40%	-4.15%	0.00%	0.00%
361474	A 3	ROTHSAY TELEPHONE COMPANY INC.	2.68%	-2.04%	4.82%	0.00%	0.00%
361475	A 3	RUNESTONE TEL. ASSN.	9.32%	-2.63%	12.28%	ERR	ERR
361476	A 3	SACRED HEART TEL. CO.	-1.53%	-0.75%	-0.78%	0.00%	0.00%
361479	A 3	SCOTT RICE TEL. CO.	-0.41%	3.90%	-4.15%	0.00%	0.00%
361482	A 3	SHERBURNE COUNTY RURAL TEL. CO.	2.10%	6.52%	-4.15%	0.00%	0.00%
361483	C 3	SLEEPY EYE TEL. CO.	4.49%	2.66%	1.78%	0.00%	0.00%
361485	A 3	SPRING GROVE COOP TEL CO	-2.96%	1.24%	-4.15%	0.00%	0.00%
361487	A 3	STARBUCK TEL. CO.	-5.50%	-1.41%	-4.15%	0.00%	0.00%
361491	C 3	TWIN VALLEY-ULEN TEL CO INC.	4.91%	2.61%	2.24%	129.37%	175.25%
361494	A 3	UPSALA COOPERATIVE TELEPHONE ASSN.	-1.38%	2.89%	-4.15%	0.00%	0.00%
361495	A 3	VALLEY TEL. CO.-MN	12.64%	-1.07%	13.86%	445.71%	554.85%
361499	A 3	CROSSLAKE TELEPHONE COMPANY	-2.49%	1.73%	-4.15%	0.00%	0.00%
361500	A 3	NORTHERN TELEPHONE COMPANY OF MN	12.71%	3.45%	8.96%	20.83%	44.99%
361501	A 3	WEST CENTRAL TELEPHONE ASSN.	-3.42%	0.77%	-4.15%	0.00%	0.00%
361502	A 3	WESTERN TELEPHONE COMPANY	-3.93%	0.23%	-4.15%	0.00%	0.00%
361505	A 3	WIKSTROM TELEPHONE COMPANY INC.	10.81%	0.49%	10.26%	ERR	ERR
361507	A 3	WINSTED TELEPHONE COMPANY	-4.00%	0.16%	-4.15%	0.00%	0.00%
361508	A 3	WINTHROP TEL. CO.	-3.97%	0.20%	-4.15%	0.00%	0.00%
361510	A 3	WOODSTOCK TELEPHONE COMPANY	13.97%	-2.24%	16.59%	137.50%	185.00%
361512	A 3	WOLVERTON TELEPHONE COMPANY	18.32%	1.78%	16.26%	85.21%	122.26%
361515	A 3	ZUMBROTA TELEPHONE COMPANY	-4.21%	-0.06%	-4.15%	0.00%	0.00%
361654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.,	3.64%	-1.66%	5.38%	0.00%	0.00%
365142	C 1	NORTHWESTERN BELL-MINNESOTA	7.32%	3.06%	4.14%	0.00%	0.00%
STATE TOTAL:			3.80%	2.38%	1.39%	16.31%	39.57%
280446	C 3	BAY SPRINGS TELEPHONE COMPANY INC.	13.60%	7.06%	6.11%	23.88%	48.66%
280447	A 3	BRUCE TELEPHONE COMPANY - MS	-2.55%	1.67%	-4.15%	0.00%	0.00%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR	
MISSISSIPPI (CONT.)								
280448	A 2	CALHOUN CITY TEL. COMPANY INC.	-2.69%	1.53%	-4.15%	0.00%	0.00%	
280449	A 3	MYRTLE TELEPHONE COMPANY INC.	-1.49%	2.78%	-4.15%	0.00%	0.00%	
280451	A 3	DECATUR TELEPHONE CO INC- MS	-2.39%	1.84%	-4.15%	0.00%	0.00%	
280452	C 3	DELTA TELEPHONE COMPANY INC.	32.59%	1.72%	30.35%	8914.81%	10717.77%	
280453	C 2	ALLTEL MISSISSIPPI INC.	4.88%	0.70%	4.15%	14.55%	37.46%	
280454	C 3	FRANKLIN TELEPHONE COMPANY INC - MS	13.52%	2.18%	11.10%	51.53%	81.83%	
280455	A 3	FULTON TELEPHONE COMPANY INC.	3.43%	7.92%	-4.15%	0.00%	0.00%	
280456	C 3	GEORGETOWN TELE. CO., INC.	-3.87%	2.50%	-6.22%	-10.30%	7.64%	
280457	A 3	LAKESIDE TELEPHONE COMPANY, INC.	14.46%	2.64%	11.51%	755.60%	926.72%	
280458	C 2	HOME TELEPHONE COMPANY- OLIVE BRANCH	4.29%	10.04%	-5.23%	-0.14%	19.83%	
280459	C 1	HUGHES TELEPHONE COMPANY	6.73%	1.81%	4.84%	24.28%	49.13%	
280460	A 3	MID-SOUTH TEL. COMPANY INC.	-1.66%	2.60%	-4.15%	0.00%	0.00%	
280461	C 3	SOUTHEAST MISSISSIPPI TELEPHONE CO.	3.46%	4.54%	-1.03%	ERR	ERR	
280462	A 3	MOUND BAYOU TEL. & COMMUNICATIONS, IN	0.91%	5.28%	-4.15%	0.00%	0.00%	
280465	A 3	SHERWOOD TEL. CO., INC.	MERGED INTO 280452 DELTA TELEPHONE COMPANY INC.					
280466	A 3	SLEDGE TEL. CO., INC.	11.66%	2.21%	9.24%	ERR	ERR	
280467	A 3	SMITHVILLE TEL. CO.	-0.15%	4.18%	-4.15%	0.00%	0.00%	
285184	C 1	SOUTH CENTRAL BELL-MISSISSIPPI	3.57%	2.25%	1.29%	5.99%	27.19%	
STATE TOTAL: MISSOURI			2.54%	3.34%	-0.77%	14.13%	36.96%	
421186	C 2	GTE NORTH INC. - MISSOURI	2.90%	4.87%	-1.87%	-9.31%	8.82%	
421206	A 3	IAMO TELEPHONE COMPANY - MO	13.84%	-1.45%	15.51%	177.68%	233.21%	
421759	A 3	CRAW-KAN TELEPHONE COOP INC - MO	14.00%	1.12%	12.73%	425.01%	530.01%	
421789	C 2	CONTEL OF E. MISSOURI	138.64%	3.30%	131.01%	ERR	ERR	
421807	C 3	MOKAN DIAL, INC.- MO	7.78%	2.71%	4.94%	44.55%	73.46%	
421846	C 2	CONTINENTAL SYSTEMS OF MISSOURI	23.65%	2.80%	20.28%	88.84%	126.61%	
421859	A 3	BOURBEUSE TELEPHONE COMPANY	8.38%	13.08%	-4.15%	0.00%	0.00%	
421860	A 3	ALMA TELEPHONE COMPANY	12.11%	-1.17%	13.44%	898.63%	1098.35%	
421864	A 3	CHARITON VALLEY TELEPHONE CO.	11.13%	-0.03%	11.16%	ERR	ERR	
421865	C 3	CITIZENS TELEPHONE CO - MISSOURI	2.75%	0.65%	2.08%	11.86%	34.23%	
421873	C 3	EASTERN MISSOURI TELEPHONE CO.	14.58%	1.04%	13.41%	43.24%	71.88%	
421874	A 3	ELLINGTON TELEPHONE COMPANY	17.13%	2.52%	14.25%	133.26%	179.91%	
421876	A 3	FARBER TELEPHONE COMPANY	17.97%	1.93%	15.73%	102.09%	142.50%	
421882	C 3	FIDELITY TELEPHONE COMPANY	3.58%	4.92%	-1.28%	-6.06%	12.73%	
421885	C 2	ALLTEL MISSOURI INC.	16.70%	2.78%	13.55%	49.08%	78.89%	
421886	C 3	GOODMAN TEL. CO.	-3.68%	2.84%	-6.34%	-28.66%	-14.39%	
421887	A 3	GRANBY TEL CO - MISSOURI	-0.31%	4.01%	-4.15%	0.00%	0.00%	
421888	C 3	GRAND RIVER MUTUAL TEL CORP - MO	1.44%	0.50%	0.94%	7.32%	28.79%	
421890	A 3	GREEN HILLS TELEPHONE CORP.	16.22%	0.98%	15.08%	130.06%	176.07%	
421893	A 3	CHOCTAW TELEPHONE COMPANY	10.71%	1.42%	9.16%	ERR	ERR	
421900	A 3	KLM TEL. CO.	16.05%	2.71%	12.99%	210.27%	272.33%	
421901	C 3	KINGDOM TELEPHONE COMPANY	-2.53%	6.09%	-8.13%	-21.02%	-5.22%	
421904	C 3	MISSOURI TELEPHONE COMPANY	1.62%	2.03%	-0.40%	-2.44%	17.07%	
421908	C 3	LE-RU TELEPHONE COMPANY	5.71%	2.91%	2.72%	7.25%	28.70%	
421912	A 3	MCDONALD COUNTY TELEPHONE CO.	1.81%	6.22%	-4.15%	0.00%	0.00%	
421914	A 3	MARK TWAIN RURAL TELEPHONE CO.	14.10%	-1.32%	15.63%	164.32%	217.18%	
421917	A 3	MID-MISSOURI TELEPHONE CO.	15.11%	-0.36%	15.53%	140.88%	189.06%	
421920	A 3	MILLER TELEPHONE COMPANY - MO	-6.87%	-2.84%	-4.15%	0.00%	0.00%	
421922	C 2	CONTEL OF MISSOURI, INC.	7.73%	3.97%	3.61%	13.15%	35.78%	
421927	A 3	NEW FLORENCE TELEPHONE CO.	13.89%	2.79%	10.79%	ERR	ERR	
421928	C 2	NEW LONDON TEL. CO.	89.88%	31.97%	43.88%	ERR	ERR	
421929	C 3	HOLWAY TELEPHONE COMPANY	1.95%	2.00%	-0.05%	1.07%	21.29%	
421931	C 3	NORTHEAST MISSOURI RURAL TEL. CO.	11.49%	1.43%	9.92%	23.80%	48.56%	
421932	A 3	LATHROP TELEPHONE COMPANY	-3.54%	0.64%	-4.15%	0.00%	0.00%	
421934	C 2	ORCHARD FARM TELEPHONE COMPANY	0.08%	7.40%	-6.81%	-12.52%	4.97%	
421935	A 3	OREGON FARMERS MUTUAL TEL. CO.	-3.87%	0.30%	-4.15%	0.00%	0.00%	
421936	A 3	PEACE VALLEY TELEPHONE CO.	17.98%	4.95%	12.42%	172.28%	226.73%	
421942	A 3	ROCK PORT TEL. CO.	-3.78%	0.39%	-4.15%	0.00%	0.00%	
421945	A 3	SENECA TEL. CO.	-0.82%	3.48%	-4.15%	0.00%	0.00%	

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MISSOURI (CONT.)							
421949	A 3	STEELVILLE TEL. EXCH. INC.	-2.22%	2.02%	-4.15%	0.00%	0.00%
421951	C 2	STOUTLAND TELEPHONE COMPANY	1.71%	2.47%	-0.74%	0.48%	20.58%
421957	C 2	UNITED TELEPHONE CO. OF MISSOURI	-1.32%	4.91%	-5.94%	-44.88%	-33.86%
421964	A 3	WHEELING TELEPHONE COMPANY	16.36%	-0.59%	17.06%	84.58%	121.50%
425213	C 1	SOUTHWESTERN BELL-MISSOURI	0.50%	3.16%	-2.58%	0.00%	0.00%
STATE TOTAL:		MISSOURI	-0.94%	2.10%	-2.97%	2.51%	23.02%
482235	C 3	BLACKFOOT TEL. COOPERATIVE INC.	2.71%	2.34%	0.35%	2.95%	23.54%
482241	C 3	HOT SPRINGS TEL. CO.	-14.54%	3.09%	-17.10%	0.00%	0.00%
482242	C 3	INTERBEL TEL. COOPERATIVE INC.	115.87%	9.58%	96.99%	327.49%	412.99%
482244	C 3	LINCOLN TEL. CO. INC.	3.82%	1.69%	2.09%	18.79%	42.55%
482246	C 3	MID-RIVERS TEL. COOPERATIVE INC.	7.45%	1.20%	6.18%	11.72%	34.06%
482247	C 3	NEMONT TELEPHONE COOP.- MONTANA	2.32%	0.00%	2.32%	3.84%	24.60%
482248	C 3	NORTHERN TEL. COOP INC.- MT	-3.93%	3.81%	-7.46%	-13.29%	4.06%
482249	C 2	NORTHWESTERN TELEPHONE SYSTEMS, INC.	8.37%	2.63%	5.59%	42.89%	71.46%
482250	C 3	PROJECT TEL. CO.	2.39%	1.25%	1.12%	3.07%	23.69%
482251	C 3	RANGE TEL. COOP INC.-MT	2.50%	2.07%	0.42%	2.26%	22.72%
482252	A 3	RONAN TEL. CO.	2.67%	7.12%	-4.15%	0.00%	0.00%
482254	C 3	SOUTHERN MONTANA TEL. CO.	-7.53%	8.94%	-15.12%	-14.07%	3.12%
482255	C 3	3-RIVERS TEL. COOPERATIVE INC.	-1.75%	-5.77%	4.27%	23.00%	47.61%
482257	C 3	TRIANGLE TEL. COOPERATIVE ASSN. INC.	-2.55%	0.83%	-3.35%	-9.73%	8.33%
482258	C 3	VALLEY RURAL TEL. COOP. ASSN.-MT	3.33%	4.14%	-0.78%	2.34%	22.80%
482416	C 2	GTE NORTHWEST INC. - MONTANA	-1.94%	7.25%	-8.57%	-26.92%	-12.30%
485104	C 1	MOUNTAIN BELL-MONTANA	-2.83%	2.15%	-4.88%	-45.37%	-34.44%
STATE TOTAL:		NEBRASKA	5.65%	3.26%	2.31%	14.66%	37.59%
371186	C 2	GTE NORTH INC. - NEBRASKA	-2.71%	3.00%	-5.55%	0.00%	0.00%
371516	C 3	ARAPAHOE TELEPHONE COMPANY	12.32%	1.49%	10.67%	35.87%	63.05%
371517	C 3	ARLINGTON TELEPHONE COMPANY	8.80%	3.00%	5.63%	18.13%	41.76%
371524	C 3	BLAIR TELEPHONE COMPANY	7.19%	2.74%	4.33%	212.31%	274.77%
371525	C 3	THREE RIVER TELCO	3.65%	1.16%	2.46%	7.33%	28.80%
371526	C 3	CAMBRIDGE TELEPHONE COMPANY - NE	89.27%	-0.35%	89.93%	ERR	ERR
371530	A 3	CONSOLIDATED TELCO, INC.	13.90%	-0.54%	14.52%	226.06%	291.27%
371531	C 3	CLARKS TELEPHONE COMPANY	39.16%	-1.24%	40.91%	1240.60%	1508.72%
371532	A 3	CONSOLIDATED TELEPHONE COMPANY- NE	26.29%	0.46%	25.71%	204.90%	265.88%
371534	C 3	COZAD TELEPHONE COMPANY	6.08%	3.53%	2.46%	0.00%	0.00%
371536	C 3	CURTIS TELEPHONE COMPANY	12.90%	-0.82%	13.84%	40.20%	68.24%
371537	C 3	DALTON TEL. CO., INC.	-11.81%	-0.32%	-11.53%	-26.77%	-12.12%
371540	C 3	DILLER TELEPHONE COMPANY	0.32%	-1.80%	2.16%	11.60%	33.92%
371542	C 3	EASTERN NEBRASKA TELEPHONE COMPANY	3.27%	0.76%	2.48%	11.01%	33.21%
371544	A 3	ELSIE MUTUAL TELEPHONE COMPANY	13.87%	-3.43%	17.92%	103.48%	144.18%
371545	A 3	EUSTIS TELEPHONE EXCHANGE INC.	5.52%	-3.94%	9.84%	ERR	ERR
371553	A 3	GLENWOOD TELEPHONE MEMBERSHIP CORP.	-3.18%	1.02%	-4.15%	0.00%	0.00%
371555	A 3	HAMILTON TELEPHONE COMPANY	-0.44%	1.69%	-2.09%	0.00%	0.00%
371556	A 3	HARTINGTON TEL. CO.	0.36%	4.71%	-4.15%	0.00%	0.00%
371557	C 3	HARTMAN TELEPHONE EXCHANGES INC.	7.94%	1.14%	6.72%	13.16%	35.79%
371558	C 3	HEMINGFORD COOP. TELEPHONE COMPANY	-1.75%	1.32%	-3.02%	-19.60%	-3.51%
371559	A 3	HENDERSON CO-OP TELEPHONE COMPANY	-5.72%	-1.64%	-4.15%	0.00%	0.00%
371561	A 3	HERSHEY COOPERATIVE TELEPHONE CO	-4.15%	0.00%	-4.15%	0.00%	0.00%
371562	A 3	HOME TEL. CO. OF NE	13.31%	0.73%	12.48%	774.72%	949.67%
371563	A 3	HOOPER TELEPHONE COMPANY	-4.07%	0.09%	-4.15%	0.00%	0.00%
371565	A 3	K & M TELEPHONE COMPANY INC.	13.78%	0.16%	13.59%	315.10%	398.12%
371567	C 3	KEYSTONE-ARTHUR TELEPHONE COMPANY	5.34%	3.61%	1.67%	7.10%	28.52%
371568	C 2	LINCOLN TEL. & TELE. CO.	5.63%	7.46%	-1.71%	0.00%	0.00%
371574	C 3	NEBRASKA CENTRAL TELEPHONE COMPANY	-5.44%	2.21%	-7.49%	-40.41%	-28.49%
371576	A 3	NORTHEAST NEBRASKA TELEPHONE COMPANY	13.11%	-0.76%	13.98%	345.07%	434.08%
371577	C 3	GREAT PLAINS COMMUNICATIONS, INC.	0.74%	0.88%	-0.15%	-3.35%	15.97%
371580	C 3	PETERSBURG TELEPHONE COMPANY	8.62%	-5.38%	14.80%	21.90%	46.28%



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NEBRASKA (CONT.)							
371581	A 3	PIERCE TELEPHONE COMPANY	-3.52%	0.67%	-4.15%	0.00%	0.00%
371582	A 3	PLAINVIEW TELEPHONE COMPANY INC.	-5.14%	-1.03%	-4.15%	0.00%	0.00%
371586	C 3	ROCK COUNTY TEL. CO.	-3.98%	2.24%	-6.08%	-7.59%	10.89%
371590	A 3	SODTOWN TEL. CO.	16.88%	1.25%	15.44%	43.82%	72.58%
371591	C 3	SOUTHEAST NEBRASKA TEL. CO.	-3.87%	-3.00%	-0.89%	-4.16%	15.01%
371592	C 3	STANTON TEL. CO., INC.	12.85%	3.39%	9.16%	26.87%	52.24%
371595	C 2	UNITED TELEPHONE CO. OF THE WEST-NE	-1.25%	1.40%	-2.62%	0.00%	0.00%
371597	C 3	HAUNETA TEL. CO.	-2.84%	0.00%	-2.84%	-4.39%	14.74%
372455	C 3	BENKELMAN TELEPHONE COMPANY INC.	2.69%	-1.01%	3.74%	6.36%	27.63%
375143	C 1	NORTHWESTERN BELL-NEBRASKA	8.05%	1.68%	6.26%	0.00%	0.00%
STATE TOTAL:		NEVADA	5.05%	8.50%	-3.17%	-3.36%	15.97%
552220	A 3	FILER MUTUAL TELEPHONE COMPANY - NV	15.71%	6.11%	9.05%	ERR	ERR
552223	C 2	GEM STATE UTILITIES CORP-NV	31.83%	-0.30%	32.22%	58.02%	89.63%
552233	C 3	RURAL TELEPHONE COMPANY - NV	7.64%	-3.15%	11.14%	12.98%	35.58%
552284	C 3	BEEHIVE TELEPHONE COMPANY, INC., NV	-54.92%	0.00%	-54.92%	-100.00%	-100.00%
552302	C 2	CONTEL OF CALIFORNIA - NEVADA	-9.39%	6.19%	-14.67%	-53.32%	-43.99%
552304	C 2	C P NATIONAL CORP. - NEVADA	24.88%	17.87%	5.94%	40.55%	68.66%
552348	C 2	CENTRAL TELEPHONE COMPANY - NEVADA	4.60%	10.37%	-5.23%	0.00%	0.00%
552349	C 3	CHURCHILL CO. TEL. & TEL. SYSTEM	3.23%	5.98%	-2.59%	-5.58%	13.30%
552351	C 3	LINCOLN COUNTY TELEPHONE SYSTEM INC.	-2.50%	10.06%	-11.41%	-100.00%	-100.00%
552353	C 3	MOAPA VALLEY TELEPHONE COMPANY	10.15%	7.31%	2.65%	0.00%	0.00%
552354	C 2	NEVADA TELEPHONE-TELEGRAPH COMPANY	0.18%	3.27%	-2.99%	-61.33%	-53.59%
552356	C 3	RIO VIRGIN TELEPHONE COMPANY	54.38%	13.54%	35.97%	986.72%	1204.06%
555173	C 1	NEVADA BELL	5.46%	4.92%	0.51%	8.85%	30.62%
STATE TOTAL:		NEW HAMPSHIRE	-1.14%	3.71%	-4.67%	-11.37%	6.35%
120038	C 3	BRETTON WOODS TEL. CO.	48.08%	18.33%	25.14%	0.00%	0.00%
120039	C 3	GRANITE STATE TEL., INC.	22.07%	4.16%	17.19%	152.23%	202.67%
120040	C 2	CHICHESTER TEL. CO.	95.53%	5.50%	85.33%	ERR	ERR
120041	C 2	CONTEL OF NEW HAMPSHIRE, INC.	18.27%	4.29%	13.41%	150.12%	200.15%
120042	A 3	DIXVILLE TEL. CO.	16.29%	0.00%	16.29%	52.44%	82.93%
120043	A 3	DUNBARTON TEL. CO.	0.79%	5.16%	-4.15%	0.00%	0.00%
120045	C 2	KEARSARGE TEL. CO.	9.27%	4.95%	4.12%	0.00%	0.00%
120046	C 2	MERIDEN TEL. CO.	7.45%	15.90%	-7.29%	0.00%	0.00%
120047	C 3	MERRIMACK COUNTY TEL. CO.	-6.63%	-7.77%	1.23%	79.94%	115.93%
120049	C 3	UNION TEL. CO.	18.46%	5.63%	12.15%	0.00%	0.00%
120050	C 3	WILTON TEL. CO. - NH	-1.49%	4.87%	-6.07%	-18.68%	-2.41%
125113	C 1	NEW ENGLAND TEL.-NH	-1.95%	3.76%	-5.50%	-29.81%	-15.77%
STATE TOTAL:		NEW JERSEY	6.99%	3.23%	3.64%	ERR	ERR
160135	C 3	WARWICK VALLEY TEL. CO.-NJ	18.94%	3.68%	14.72%	0.00%	0.00%
160138	C 2	UNITED TEL. CO. OF NJ, INC.	11.21%	5.19%	5.73%	ERR	ERR
165120	C 1	NEW JERSEY BELL	6.77%	3.17%	3.49%	0.00%	0.00%
STATE TOTAL:		NEW MEXICO	7.29%	3.76%	3.40%	10.55%	32.66%
492066	C 3	DELL TELEPHONE CO-OP. INC.-NM	-8.37%	14.00%	-19.62%	-11.09%	6.69%
492080	C 2	GTE SOUTHWEST INC. - NEW MEXICO	5.68%	1.76%	3.85%	ERR	ERR
492176	C 3	VALLEY TELEPHONE COOPERATIVE INC-NM	9.27%	10.69%	-1.28%	8.34%	30.01%
492177	C 2	CONTEL OF THE WEST - NEW MEXICO	10.36%	3.98%	6.14%	17.71%	41.25%
492259	C 3	BACA VALLEY TEL. CO.	-4.26%	5.58%	-9.31%	-7.52%	10.97%
492262	C 3	E.N.M.R. TEL COOP. INC.-NM	8.28%	2.59%	5.54%	10.37%	32.45%
492263	C 3	LA JICARITA RURAL TEL. COOP. INC.	-5.95%	-2.44%	-3.59%	-9.31%	8.83%
492264	C 3	LEACO RURAL TEL. COOPERATIVE INC.	6.90%	0.53%	6.34%	9.77%	31.73%
492268	C 3	WESTERN NEW MEXICO TEL. CO., INC.	5.38%	4.03%	1.30%	5.51%	26.62%
492270	C 3	PENASCO VALLEY TEL. COOPERATIVE INC.	5.85%	0.92%	4.88%	7.43%	28.92%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE 10 LATER YEAR
NEW MEXICO (CONT.)							
492272	C 3	ROOSEVELT COUNTY RURAL TEL. COOP., INC	-0.66%	3.54%	-4.05%	-2.33%	17.21%
492274	C 2	UNIVERSAL TEL CO OF SOUTHWEST- NM	12.01%	6.89%	4.79%	59.79%	91.74%
492275	C 2	NAVAJO COMMUNICATIONS CO INC.-NM	10.01%	4.30%	5.48%	12.58%	35.10%
495105	C 1	MOUNTAIN BELL-NEW MEXICO	7.32%	3.89%	3.30%	0.00%	0.00%
STATE TOTAL: NEW YORK			3.52%	0.35%	3.16%	0.96%	21.15%
150071	A 3	ARMSTRONG TELEPHONE COMPANY - NY	-1.71%	2.55%	-4.15%	0.00%	0.00%
150072	C 2	AU SABLE VALLEY TEL. CO. INC.	12.02%	1.87%	9.97%	124.01%	168.81%
150073	A 3	BERKSHIRE TEL. CORP.	-1.44%	2.83%	-4.15%	0.00%	0.00%
150076	A 3	CASSADAGA TEL. CORP.	-0.50%	3.81%	-4.15%	0.00%	0.00%
150077	C 3	CHAMPLAIN TEL. CO.	5.38%	-1.92%	7.45%	0.00%	0.00%
150078	C 3	CHAUTAUQUA & ERIE TEL. CORP.	15.26%	5.81%	8.93%	0.00%	0.00%
150079	A 3	CHAZY & WESTPORT TEL. CORP.	1.67%	6.07%	-4.15%	0.00%	0.00%
150081	C 3	CITIZENS TEL. CO. OF HAMMOND, NY	59.09%	11.28%	42.96%	90.90%	129.08%
150082	C 2	CLYMER TEL. CO.	-1.21%	2.93%	-4.03%	-16.01%	0.79%
150084	C 3	TACONIC TEL. CORP.	9.06%	8.04%	0.95%	0.00%	0.00%
150085	C 3	CROWN POINT TELEPHONE CORPORATION	13.75%	6.79%	6.52%	18.88%	42.66%
150088	A 3	DELHI TELEPHONE COMPANY	3.49%	7.98%	-4.15%	0.00%	0.00%
150089	A 3	DEPOSIT TELEPHONE CO. INC.	0.38%	4.73%	-4.15%	0.00%	0.00%
150091	C 3	DUNKIRK AND FREDONIA TEL. CO.	16.24%	1.49%	14.53%	0.00%	0.00%
150092	C 2	EDWARDS TELEPHONE CO. INC.	3.75%	6.11%	-2.22%	1.34%	21.60%
150093	C 3	EMPIRE TELEPHONE CORP - NEW YORK	22.97%	4.54%	17.64%	291.71%	370.05%
150095	A 3	THE FISHERS ISLAND TEL. CO.	-0.27%	4.05%	-4.15%	0.00%	0.00%
150096	C 2	CONTEL OF NEW YORK, INC.	0.26%	4.38%	-3.94%	-18.03%	-1.63%
150097	C 3	GERMANTOWN TELEPHONE CO INC.	3.09%	7.31%	-3.93%	-2.82%	16.61%
150099	C 3	HANCOCK TELEPHONE COMPANY - NY	-2.91%	4.86%	-7.41%	-24.49%	-9.39%
150100	C 2	HIGHLAND TELEPHONE CO.	11.27%	1.24%	9.91%	0.00%	0.00%
150104	A 3	MARGARETVILLE TEL. CO. INC.	1.68%	6.09%	-4.15%	0.00%	0.00%
150105	C 3	MIDDLEBURGH TELEPHONE CO.	5.34%	17.51%	-10.35%	-26.91%	-12.29%
150106	C 2	ALTEL NEW YORK INC. - FULTON	11.64%	1.89%	9.57%	ERR	ERR
150107	A 3	NEWPORT TELEPHONE CO. INC.	9.05%	13.77%	-4.15%	0.00%	0.00%
150108	C 3	NICHOLVILLE TEL. CO. INC.	51.26%	1.88%	48.47%	281.22%	357.46%
150109	C 2	ALTEL NEW YORK INC. - JAMESTOWN	8.06%	3.49%	4.42%	0.00%	0.00%
150110	C 3	OGDEN TELEPHONE COMPANY - NY	8.92%	5.09%	3.64%	0.00%	0.00%
150111	A 3	ONEIDA COUNTY RURAL TEL. CO.	0.28%	4.63%	-4.15%	0.00%	0.00%
150112	A 3	ONTARIO TEL CO INC	-2.28%	1.96%	-4.15%	0.00%	0.00%
150113	C 2	ALTEL NY INC. - RED JACKET	13.60%	-0.21%	13.84%	0.00%	0.00%
150114	A 2	ORISKANY FALLS TELEPHONE CORP.	1.63%	6.03%	-4.15%	0.00%	0.00%
150116	C 3	PATTERSONVILLE TEL CO- NEW YORK	32.57%	7.13%	23.75%	ERR	ERR
150118	A 3	PART BYRON TELEPHONE COMPANY	-0.57%	3.74%	-4.15%	0.00%	0.00%
150119	C 2	RED HOOK TELEPHONE COMPANY	8.06%	5.44%	2.48%	101.15%	141.38%
150121	C 2	ROCHESTER TELEPHONE CORPORATION	1.95%	2.74%	-0.78%	0.00%	0.00%
150122	C 2	SENECA-GORHAM TEL. CORP.	5.57%	8.73%	-2.91%	0.00%	0.00%
150125	A 3	STATE TEL. CO.	0.20%	4.54%	-4.15%	0.00%	0.00%
150128	C 2	SYLVAN LAKE TELEPHONE COMPANY	9.41%	-0.42%	9.87%	0.00%	0.00%
150129	A 3	TOWNSHIP TELEPHONE COMPANY INC.	10.29%	15.07%	-4.15%	0.00%	0.00%
150131	A 3	TRUMANSBURG HOME TELEPHONE COMPANY	-0.60%	3.71%	-4.15%	0.00%	0.00%
150133	C 3	VERNON TELEPHONE COMPANY INC.	-1.11%	4.49%	-5.36%	0.00%	0.00%
150135	C 3	WARWICK VALLEY TEL. CO.-NY	10.48%	5.15%	5.07%	0.00%	0.00%
150136	C 2	WESTERN COUNTIES TELEPHONE CO.	19.66%	8.48%	10.30%	48.96%	78.76%
155130	C 1	NEW YORK TELEPHONE	3.44%	0.02%	3.42%	0.00%	0.00%
STATE TOTAL: NORTH CAROLINA			7.88%	4.61%	3.13%	40.61%	68.73%
230468	C 3	ATLANTIC TELEPHONE MEMB. CORP.	15.24%	6.24%	8.47%	0.00%	0.00%
230469	C 2	BARNARDSVILLE TELEPHONE COMPANY	42.35%	12.62%	26.40%	ERR	ERR
230470	C 2	CAROLINA TELEPHONE & TEL. CO.	8.25%	3.62%	4.47%	ERR	ERR
230471	C 2	CENTRAL TEL. CO. - NORTH CAROLINA	7.71%	4.51%	3.06%	0.00%	0.00%
230473	C 3	CITIZENS TELEPHONE COMPANY - NC	31.56%	3.61%	26.98%	343.92%	432.71%

TABLE 3.7

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----- NORTH CAROLINA (CONT.) -----							
230474	C 3	THE CONCORD TELEPHONE COMPANY	23.25%	3.11%	19.54%	0.00%	0.00%
230476	C 2	ALLTEL CAROLINA INC.- NORTH	13.45%	5.09%	7.95%	88.88%	126.66%
230478	A 3	ELLERBE TELEPHONE COMPANY	-1.20%	3.08%	-4.15%	0.00%	0.00%
230479	C 2	GTE SOUTH INC. - NORTH CAROLINA	16.91%	4.64%	11.73%	0.00%	0.00%
230481	C 2	HEINS TELEPHONE COMPANY	14.52%	3.79%	10.34%	0.00%	0.00%
230483	A 3	LEXINGTON TELEPHONE COMPANY	-1.75%	2.51%	-4.15%	0.00%	0.00%
230485	A 3	MEBANE HOME TELEPHONE CO.	0.22%	4.56%	-4.15%	0.00%	0.00%
230491	A 2	NORTH STATE TELEPHONE CO. - NC	-0.18%	4.14%	-4.15%	0.00%	0.00%
230494	A 3	PINEVILLE TELEPHONE CO.	5.42%	9.99%	-4.15%	0.00%	0.00%
230495	A 3	RANDOLPH TEL. CO.	-0.81%	3.49%	-4.15%	0.00%	0.00%
230496	A 3	RANDOLPH TELEPHONE MEMB. CORP.	0.77%	5.14%	-4.15%	0.00%	0.00%
230497	A 3	PIEDMONT TELEPHONE MEMB. CORP.	-2.41%	1.82%	-4.15%	0.00%	0.00%
230498	A 2	SALUDA MOUNTAIN TEL. CO.	-1.04%	3.25%	-4.15%	0.00%	0.00%
230499	A 2	SANDHILL TELEPHONE COMPANY	0.04%	4.37%	-4.15%	0.00%	0.00%
230500	A 2	SERVICE TELEPHONE COMPANY	-0.99%	3.30%	-4.15%	0.00%	0.00%
230501	A 3	SKYLINE TEL. MEMB. CORP.	-0.96%	3.34%	-4.15%	0.00%	0.00%
230502	C 3	STAR TEL. MEMB. CORP.	12.68%	3.40%	8.97%	0.00%	0.00%
230503	A 3	SURRY TEL. MEMB. CORP.	0.62%	4.98%	-4.15%	0.00%	0.00%
230505	A 3	TRI-COUNTY TEL. MEMB. CORP.-NC	-3.13%	1.07%	-4.15%	0.00%	0.00%
230509	C 2	CONTEL OF NORTH CAROLINA, INC.	12.72%	7.82%	4.54%	22.80%	47.36%
230510	C 3	WILKES TELEPHONE MEMB. CORP.	23.10%	3.27%	19.21%	174.42%	229.31%
230511	A 3	YADKIN VALLEY TEL. MEMB. CORP.	-0.05%	4.28%	-4.15%	0.00%	0.00%
235193	C 1	SOUTHERN BELL-NORTH CAROLINA	6.55%	5.08%	1.40%	23.75%	48.50%
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STATE TOTAL:		NORTH DAKOTA	3.29%	1.45%	1.81%	66.49%	99.78%
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381447	C 2	CONTEL OF NORTH DAKOTA, INC.	16.10%	0.21%	15.86%	859.38%	1051.25%
381509	A 3	WOLVERTON TEL. CO.	15.19%	-2.14%	17.70%	68.87%	102.65%
381601	A 3	ABSARAKA COOP TELEPHONE CO.	13.15%	3.13%	9.72%	22.43%	46.91%
381604	A 3	BEK TELEPHONE MUTUAL AID CORP.	12.67%	-1.96%	14.93%	277.05%	352.47%
381607	C 3	CONSOLIDATED TELEPHONE COOPERATIVE	8.35%	-1.36%	9.84%	15.98%	39.18%
381610	A 3	DAKOTA CENTRAL RURAL TEL COOP ASSN	9.05%	-7.61%	18.04%	268.99%	342.79%
381611	A 3	DICKEY RURAL TEL COOP.	14.79%	-2.68%	17.95%	65.14%	98.16%
381614	A 3	GILBY TELEPHONE COMPANY	14.42%	-0.73%	15.26%	171.35%	225.62%
381615	A 3	GRIGGS COUNTY TELEPHONE COMPANY	1.37%	-0.33%	1.70%	0.00%	0.00%
381616	C 3	INTER-COMMUNITY TELEPHONE COMPANY	-10.02%	-0.33%	-9.73%	-22.91%	-7.49%
381617	C 3	MIDSTATE TELEPHONE COMPANY	12.63%	3.37%	8.96%	155.03%	206.03%
381622	A 3	MOORE & LIBERTY TELEPHONE COMPANY	-6.02%	-1.95%	-4.15%	0.00%	0.00%
381623	A 3	NOONAN FARMERS TELEPHONE COMPANY	15.90%	-0.99%	17.06%	102.34%	142.81%
381624	A 3	NORTHERN STATES POWER CO. TEL. DEPT.	-1.88%	2.37%	-4.15%	0.00%	0.00%
381625	A 3	NORTHWEST COMMUNICATIONS COOPERATIVE	12.29%	-3.82%	16.75%	178.24%	233.89%
381630	C 3	POLAR COMMUNICATIONS MUTUAL AID CORP	2.51%	2.60%	-0.08%	0.00%	0.00%
381631	A 3	RED RIVER RURAL TEL. ASSN.	15.50%	-0.06%	15.56%	133.18%	179.81%
381632	C 3	RESERVATION TELEPHONE COOPERATIVE	8.82%	-2.31%	11.39%	29.16%	54.99%
381634	C 3	SOURIS RIVER TEL. MUTUAL AID COOP.	22.67%	-0.39%	23.15%	ERR	ERR
381636	A 3	UNITED TELEPHONE MUTUAL AID CORP.	-6.32%	-2.26%	-4.15%	0.00%	0.00%
381637	C 3	WEST RIVER MUTUAL AID TELEPHONE CORP	4.46%	0.64%	3.80%	0.00%	0.00%
381638	A 3	YORK TELEPHONE COMPANY	14.16%	2.50%	11.38%	26.47%	51.76%
382247	A 3	NEMONT TELEPHONE COOPERATIVE - ND	15.01%	-1.41%	16.65%	47.73%	77.28%
385144	C 1	NORTHWESTERN BELL-NORTH DAKOTA	1.53%	1.97%	-0.43%	0.00%	0.00%
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STATE TOTAL:		OHIO	1.27%	2.97%	-1.65%	6.98%	28.38%
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300585	A 2	ARCADIA TEL. CO.	3.00%	7.47%	-4.15%	0.00%	0.00%
300586	A 3	THE ARTHUR MUTUAL TELEPHONE COMPANY	3.87%	8.37%	-4.15%	0.00%	0.00%
300588	A 3	AYERSVILLE TELEPHONE COMPANY	0.78%	5.14%	-4.15%	0.00%	0.00%
300589	A 3	BASCOM MUTUAL TELEPHONE COMPANY	7.24%	11.18%	-3.54%	0.00%	0.00%
300590	A 3	BENTON RIDGE TELEPHONE COMPANY	18.67%	9.72%	8.15%	525.98%	651.18%
300591	A 3	BUCKLAND MUTUAL TELEPHONE COMPANY	2.83%	7.28%	-4.15%	0.00%	0.00%
300594	A 3	THE CHAMPAIGN TELEPHONE COMPANY	5.04%	9.59%	-4.15%	0.00%	0.00%

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OHIO (CONT.)							
300597	C 3	CHILLICOTHE TELEPHONE COMPANY	7.41%	5.59%	1.73%	19.88%	43.86%
300598	A 3	MCCLURE TELEPHONE COMPANY	5.46%	10.03%	-4.15%	0.00%	0.00%
300604	A 3	COLUMBUS GROVE TELEPHONE COMPANY	5.11%	9.66%	-4.15%	0.00%	0.00%
300606	A 3	CONNEAUT TELEPHONE COMPANY	4.51%	9.03%	-4.15%	0.00%	0.00%
300607	C 2	CONTINENTAL TELEPHONE CO OF OHIO	-3.02%	0.65%	-3.65%	-32.65%	-19.18%
300609	A 3	DOYLESTOWN TELEPHONE COMPANY	4.23%	8.75%	-4.15%	0.00%	0.00%
300611	A 2	ELYRIA TELEPHONE COMPANY	5.09%	9.65%	-4.15%	0.00%	0.00%
300612	A 3	THE FARMERS MUTUAL TEL CO - OKOLONA	14.44%	5.93%	8.04%	ERR	ERR
300613	C 2	LITTLE MIAMI COMMUNIC. (FAYETTEVILLE)	7.51%	2.41%	4.98%	28.18%	53.82%
300614	A 3	FORT JENNINGS TELEPHONE COMPANY	9.09%	13.82%	-4.15%	0.00%	0.00%
300615	C 2	GTE NORTH INC. - OHIO	13.15%	2.51%	10.38%	0.00%	0.00%
300618	A 3	GERMANTOWN INDEPENDENT TEL. CO.	4.06%	8.57%	-4.15%	0.00%	0.00%
300619	A 3	THE GLANDORF TELEPHONE CO. INC.	2.49%	6.94%	-4.15%	0.00%	0.00%
300620	C 2	HARLAN TELEPHONE COMPANY	MERGED INTO 300613				
300625	A 3	KALIDA TELEPHONE CO. INC.	9.57%	14.32%	-4.15%	0.00%	0.00%
300630	C 2	CENTRAL TELEPHONE COMPANY OF OHIO	0.52%	2.57%	-1.99%	0.00%	0.00%
300633	A 3	MIDDLE POINT HOME TELEPHONE COMPANY	3.23%	7.71%	-4.15%	0.00%	0.00%
300634	A 3	MINFORD TELEPHONE COMPANY INC.	4.06%	8.57%	-4.15%	0.00%	0.00%
300637	A 2	ALLTEL OHIO INC - NEWARK	4.39%	8.92%	-4.15%	0.00%	0.00%
300639	A 3	THE NEW KNOXVILLE TELEPHONE COMPANY	3.31%	7.78%	-4.15%	0.00%	0.00%
300644	A 3	THE NOVA TELEPHONE COMPANY	17.50%	10.83%	6.01%	ERR	ERR
300645	A 3	OAKWOOD MUTUAL TELEPHONE COMPANY	1.89%	6.31%	-4.15%	0.00%	0.00%
300649	A 3	ORWELL TELEPHONE COMPANY	4.86%	9.40%	-4.15%	0.00%	0.00%
300650	A 3	THE OTTOVILLE MUTUAL TEL. COMPANY	5.09%	9.65%	-4.15%	0.00%	0.00%
300651	A 3	PATTERSONVILLE TELEPHONE CO- OH	18.96%	8.09%	10.05%	228.89%	294.66%
300654	A 3	RIDGEVILLE TELEPHONE COMPANY	4.12%	8.63%	-4.15%	0.00%	0.00%
300656	A 3	SHERWOOD MUTUAL TEL. ASSOC.	2.16%	6.58%	-4.15%	0.00%	0.00%
300658	A 3	SYCAMORE TELEPHONE COMPANY	11.25%	9.28%	1.80%	0.00%	0.00%
300659	A 3	TELEPHONE SERVICE COMPANY	5.20%	9.76%	-4.15%	0.00%	0.00%
300661	C 2	UNITED TELEPHONE CO. OF OHIO	-1.29%	3.17%	-4.32%	-100.00%	-100.00%
300662	A 3	VANLUE TELEPHONE COMPANY	9.63%	14.58%	-4.15%	0.00%	0.00%
300663	A 3	VAUGHNSVILLE TELEPHONE COMPANY INC.	20.07%	7.94%	11.23%	151.41%	201.69%
300664	A 3	WABASH MUTUAL TELEPHONE COMPANY	4.91%	9.46%	-4.15%	0.00%	0.00%
300665	C 2	ALLTEL OHIO INC - WESTERN OHIO	13.53%	2.70%	10.55%	383.86%	480.63%
300666	A 2	WESTERN RESERVE TELEPHONE COMPANY	6.69%	11.32%	-4.15%	0.00%	0.00%
300682	C 2	C, C & S TELCO, INC. - OHIO	47.86%	0.65%	46.92%	ERR	ERR
305062	C 2	CINCINNATI BELL-OHIO	19.06%	2.32%	16.36%	0.00%	0.00%
305150	C 1	OHIO BELL TEL CO	-4.06%	2.58%	-6.47%	0.00%	0.00%
STATE TOTAL: OKLAHOMA			1.15%	2.32%	-1.15%	9.58%	31.49%
431704	A 3	LAVACA TELEPHONE CO. - OK	1.97%	6.39%	-4.15%	0.00%	0.00%
431788	C 3	KANOKLA TELEPHONE ASSN. INC. - OK	-8.01%	-3.75%	-4.43%	-13.76%	3.49%
431831	C 3	SOUTH CENTRAL TEL. ASSN., INC. - OK	15.86%	-3.54%	20.11%	126.96%	172.35%
431965	C 2	ALLTEL OKLAHOMA, INC.	11.06%	2.35%	8.50%	19.99%	43.98%
431966	C 3	ATLAS TELEPHONE CO.	1.30%	3.97%	-2.57%	-2.95%	16.46%
431968	A 3	BEGGS TELEPHONE COMPANY	-3.86%	0.31%	-4.15%	0.00%	0.00%
431969	A 3	BIXBY TELEPHONE CO.	-1.61%	2.65%	-4.15%	0.00%	0.00%
431974	C 3	CANADIAN VALLEY TELEPHONE CO.	16.68%	6.91%	9.14%	30.23%	56.28%
431976	C 3	CARNEGIE TELEPHONE CO. INC.	-0.80%	-3.01%	2.28%	22.46%	46.95%
431977	A 3	CENTRAL OKLAHOMA TELEPHONE CO.	14.94%	0.93%	13.88%	211.50%	273.80%
431979	C 3	CHEROKEE TELEPHONE CO.	3.36%	2.99%	0.36%	0.00%	0.00%
431980	C 3	CHICKASAW TELEPHONE CO.	-3.58%	-1.79%	-1.82%	-28.69%	-14.43%
431981	C 3	CHOUTEAU TELEPHONE CO.	9.96%	1.34%	8.52%	20.87%	45.05%
431982	A 3	CIMARRON TEL. CO.	2.58%	7.03%	-4.15%	0.00%	0.00%
431984	C 2	OKLAHOMA COMMUNICATION SYSTEMS INC.	-0.50%	2.28%	-2.72%	-4.87%	14.15%
431985	C 3	CROSS TELEPHONE CO.	5.35%	2.77%	2.51%	19.30%	43.16%
431988	C 3	DOBSON TELEPHONE CO.	5.21%	-2.05%	7.41%	10.17%	32.20%
431994	C 3	GRAND TELEPHONE CO. INC.	-1.01%	6.89%	-7.39%	-21.40%	-5.68%
431995	C 3	HINTON TELEPHONE CO.	-2.19%	0.57%	-2.75%	-8.13%	10.24%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
OKLAHOMA (CONT.)							
432006	C 3	M CLOUD TELEPHONE CO.	15.37%	0.68%	14.60%	100.88%	141.05%
432008	A 3	MEDICINE PARK TELEPHONE CO.	-2.25%	1.99%	-4.15%	0.00%	0.00%
432010	A 2	MID-AMERICA TEL., INC.	13.39%	1.63%	11.57%	3659.95%	4411.93%
432011	C 2	OKLAHOMA ALLTEL, INC.	8.38%	4.00%	4.21%	15.36%	38.43%
432013	C 3	OKLAHOMA TELEPHONE & TELEGRAPH INC.	29.39%	0.63%	28.57%	68.77%	102.52%
432014	C 3	OKLAHOMA WESTERN TELEPHONE CO.	5.49%	1.86%	3.57%	9.35%	31.22%
432016	C 3	PANHANDLE TELEPHONE COOPERATIVE INC.	30.48%	1.02%	29.16%	62.83%	95.40%
432017	A 3	PINE TELEPHONE CO INC- OK	-4.40%	-0.25%	-4.15%	0.00%	0.00%
432018	C 3	PIONEER TEL. COOP. INC.	11.56%	0.23%	11.31%	68.79%	102.55%
432020	C 3	POTTAWATOMIE TELEPHONE CO.	-5.19%	0.00%	-5.19%	-7.70%	10.76%
432022	A 3	SALINA-SPAVINAW TEL. CO., INC.	-3.41%	0.77%	-4.15%	0.00%	0.00%
432023	A 3	SHIDLER TEL. CO.	14.73%	-2.76%	17.98%	91.62%	129.95%
432025	A 3	SOUTHWEST OKLAHOMA TEL. CO.	12.74%	-5.22%	18.95%	93.20%	131.84%
432029	A 3	TERRAL TEL. CO.	12.61%	-2.38%	15.36%	224.09%	288.91%
432030	C 3	TOTAH TELEPHONE CO. INC.	2.92%	0.78%	2.12%	3.43%	24.12%
432032	C 3	VALLIANT TELEPHONE COMPANY	5.86%	2.25%	3.53%	13.86%	36.63%
432034	C 2	WYANDOTTE TELEPHONE COMPANY	13.90%	3.90%	9.62%	21.77%	46.13%
432080	C 2	GTE SOUTHWEST INC. - OKLAHOMA	1.68%	3.27%	-1.54%	-1.69%	17.97%
432141	A 3	SANTA ROSA TELEPHONE COOP. INC.	15.18%	-1.37%	16.78%	110.81%	152.97%
435215	C 1	SOUTHWESTERN BELL-OKLAHOMA	0.02%	2.36%	-2.28%	-100.00%	-100.00%
STATE TOTAL:		OREGON	6.12%	3.96%	2.08%	20.76%	44.91%
532226	C 3	MIDVALE TEL. EXCH. INC. - OR	15.72%	14.62%	0.96%	15.86%	39.04%
532304	C 2	C P NATIONAL CORP. - OREGON	-0.26%	4.02%	-4.11%	-7.94%	10.47%
532359	C 3	BEAVER CREEK COOPERATIVE TEL. CO.	10.29%	2.34%	7.76%	112.89%	155.46%
532361	C 2	TELEPHONE UTILITIES OF OREGON INC.	7.75%	3.19%	4.41%	13.67%	36.40%
532362	C 3	CANBY TELEPHONE ASSOCIATION	2.17%	3.19%	-0.99%	0.00%	0.00%
532363	C 3	CLEAR CREEK MUTUAL TELEPHONE CO.	4.84%	2.22%	2.56%	13.78%	36.54%
532364	C 3	COLTON TELEPHONE COMPANY	23.62%	2.10%	21.07%	90.75%	128.90%
532369	A 3	EAGLE TELEPHONE SYSTEM INC.	15.32%	2.85%	12.12%	298.91%	378.69%
532371	C 3	CASCADE UTILITIES INC.	10.58%	3.25%	7.11%	0.00%	0.00%
532373	A 3	GERVAIS TELEPHONE COMPANY	0.53%	4.89%	-4.15%	0.00%	0.00%
532375	C 3	RTI/HALSEY TEL. CO.	13.28%	3.00%	9.97%	26.95%	52.34%
532376	C 3	HELIX TELEPHONE COMPANY	0.87%	2.55%	-1.64%	-1.23%	18.52%
532377	C 2	HOME TELEPHONE COMPANY	-6.15%	19.07%	-21.18%	-25.01%	-10.01%
532378	C 3	TRANS-CASCADES TELEPHONE COMPANY	51.92%	-3.41%	57.28%	60.49%	92.59%
532383	C 3	MOLALLA TELEPHONE COMPANY	15.96%	0.89%	14.93%	50.95%	81.14%
532384	A 3	MONITOR COOPERATIVE TELEPHONE CO	0.17%	4.10%	-3.77%	0.00%	0.00%
532385	C 3	MONROE TELEPHONE COMPANY	-2.22%	4.62%	-6.54%	-42.66%	-31.19%
532386	A 3	MT. ANGEL TELEPHONE COMPANY	-1.41%	2.86%	-4.15%	0.00%	0.00%
532387	C 3	NEHALEM TELEPHONE AND TELEGRAPH	0.12%	3.66%	-3.42%	0.00%	0.00%
532388	C 3	NORTH STATE TELEPHONE COMPANY - OR	-2.73%	-1.60%	-1.15%	-3.69%	15.57%
532389	C 3	OREGON TELEPHONE CORPORATION	4.85%	2.41%	2.38%	17.94%	41.53%
532390	C 3	OREGON-IDAHO UTILITIES, INC.					
532391	A 3	PEOPLES TELEPHONE COMPANY - OR	0.45%	4.80%	-4.15%	0.00%	0.00%
532392	C 3	PINE TELEPHONE SYSTEM INC. - OR	1.04%	1.73%	-0.68%	0.99%	21.18%
532393	C 3	PIONEER TELEPHONE COOPERATIVE	3.83%	0.68%	3.12%	0.00%	0.00%
532396	A 3	ST. PAUL COOP. TEL. ASSN.	10.94%	3.18%	7.52%	0.00%	0.00%
532397	C 3	SCIO MUTUAL TEL. ASSOCIATION	-2.33%	2.23%	-4.47%	-25.27%	-10.32%
532399	A 3	STAYTON COOP. TEL CO	-0.55%	3.76%	-4.15%	0.00%	0.00%
532400	C 2	UNITED TELEPHONE CO OF THE NW - OR	2.28%	5.68%	-3.22%	-9.87%	8.15%
532404	C 2	ASOTIN TELEPHONE COMPANY - OREGON	9.64%	27.27%	-13.85%	7.15%	28.58%
532416	C 2	GTE NORTHWEST INC. - OREGON	10.65%	6.27%	4.12%	4049.07%	4878.89%
532449	C 2	CONTEL OF THE NORTHWEST INC. - OR	8.02%	4.45%	3.42%	22.06%	46.48%
532456	C 1	MALHEUR HOME TELEPHONE COMPANY	19.76%	3.83%	15.35%	ERR	ERR
535163	C 1	PACIFIC NORTHWEST BELL-OREGON	4.21%	3.30%	0.88%	0.00%	0.00%

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STATE TOTAL:		PENNSYLVANIA	9.96%	3.87%	5.86%	33.23%	59.88%
170145	A 3	THE BENTLEYVILLE TEL. CO.	-3.13%	1.07%	-4.15%	0.00%	0.00%
170149	C 2	BREEZEWOOD TELEPHONE COMPANY	18.01%	2.94%	14.64%	ERR	ERR
170150	A 2	BROOKVILLE TELEPHONE COMPANY	-1.80%	2.45%	-4.15%	0.00%	0.00%
170151	A 3	BUFFALO VALLEY TELEPHONE COMPANY	0.48%	4.83%	-4.15%	0.00%	0.00%
170152	C 2	CANTON TELEPHONE COMPANY	0.77%	1.96%	-1.17%	0.00%	0.00%
170156	A 3	CITIZENS TEL CO OF KECKSBURG	-2.83%	1.38%	-4.15%	0.00%	0.00%
170157	A 2	CITIZENS UTILITIES CO. OF PA	-0.08%	4.25%	-4.15%	0.00%	0.00%
170161	A 2	C-TEC CORPORATION	0.30%	4.64%	-4.15%	0.00%	0.00%
170162	A 3	THE CONESTOGA TEL. AND TEL. CO.	1.36%	5.75%	-4.15%	0.00%	0.00%
170165	A 3	DENVER AND EPHRATA TEL. & TEL. CO.	1.01%	5.39%	-4.15%	0.00%	0.00%
170168	C 2	ENTERPRISE TELEPHONE COMPANY	-42.91%	7.19%	-46.74%	0.00%	0.00%
170169	C 2	GTE NORTH INC. - PENNSYLVANIA	11.39%	-1.42%	12.99%	0.00%	0.00%
170170	C 2	CONTEL OF PENNSYLVANIA, INC.	-8.28%	4.99%	-12.64%	0.00%	0.00%
170171	A 3	HICKORY TELEPHONE COMPANY	-0.03%	4.31%	-4.15%	0.00%	0.00%
170175	A 3	IRONTON TELEPHONE COMPANY	4.69%	9.23%	-4.15%	0.00%	0.00%
170176	A 2	ALLTEL PENNSYLVANIA INC.	-1.04%	3.24%	-4.15%	0.00%	0.00%
170177	C 3	LACKAWAXEN TELEPHONE COMPANY	19.28%	10.02%	8.42%	142.04%	190.45%
170178	C 2	LAKEWOOD TELEPHONE COMPANY	-20.30%	0.15%	-20.42%	0.00%	0.00%
170179	A 3	LAUREL HIGHLAND TELEPHONE COMPANY	-2.34%	1.90%	-4.15%	0.00%	0.00%
170183	C 2	MAHANAY & MAHANTONGO TEL. CO.	13.33%	1.36%	11.81%	68.03%	101.63%
170185	A 3	MARIANNA - SCENERY HILL TEL. CO.	-2.37%	1.87%	-4.15%	0.00%	0.00%
170189	A 3	ARMSTRONG TELEPHONE COMPANY - PA	-1.15%	3.14%	-4.15%	0.00%	0.00%
170190	A 2	MURRAYSVILLE TELEPHONE COMPANY	-0.08%	4.25%	-4.15%	0.00%	0.00%
170191	A 3	THE NORTH EASTERN PA. TEL. CO.	0.59%	4.95%	-4.15%	0.00%	0.00%
170192	C 3	NORTH PENN TELEPHONE COMPANY	39.11%	3.01%	35.04%	ERR	ERR
170193	A 3	NORTH PITTSBURGH TEL. CO.	3.43%	7.91%	-4.15%	0.00%	0.00%
170194	C 2	OSWAYO RIVER TELEPHONE COMPANY	15.34%	6.25%	8.55%	63.29%	95.94%
170195	A 3	OTTO TELEPHONE COMPANY	7.59%	3.40%	4.05%	0.00%	0.00%
170196	A 3	PALMERTON TELEPHONE COMPANY	2.93%	7.39%	-4.15%	0.00%	0.00%
170197	A 3	PENNSYLVANIA TELEPHONE COMPANY	-0.23%	4.10%	-4.15%	0.00%	0.00%
170200	A 3	PYMATUNING IND. TELEPHONE COMPANY	-0.96%	3.33%	-4.15%	0.00%	0.00%
170201	C 2	QUAKER STATE TELEPHONE COMPANY	1.29%	1.09%	0.20%	4.22%	25.07%
170204	A 3	SOUTH CANAAN TEL. CO.	0.47%	4.83%	-4.15%	0.00%	0.00%
170206	C 2	SUGAR VALLEY TELEPHONE COMPANY	3.52%	2.93%	0.57%	6.22%	27.47%
170209	C 2	UNITED TELEPHONE COMPANY OF PA	6.19%	4.02%	2.08%	0.00%	0.00%
170210	A 3	VENUS TELEPHONE CORPORATION	-1.39%	2.88%	-4.15%	0.00%	0.00%
170215	A 3	YUKON-WALTZ TELEPHONE COMPANY	-4.25%	-0.10%	-4.15%	0.00%	0.00%
170277	A 3	WEST SIDE TELEPHONE COMPANY-PA	13.58%	3.23%	10.03%	23.10%	47.72%
175000	C 1	BELL OF PENNSYLVANIA	12.30%	4.23%	7.75%	0.00%	0.00%
STATE TOTAL:		PUERTO RICO	18.68%	6.63%	11.31%	227.04%	292.45%
633200	C 2	PUERTO RICO COMMUNICATION AUTHORITY	24.35%	12.43%	10.60%	227.04%	292.45%
633201	C 2	PUERTO RICO TEL. CO.	17.80%	5.86%	11.28%	0.00%	0.00%
STATE TOTAL:		RHODE ISLAND	-2.58%	2.78%	-5.22%	0.00%	0.00%
585114	C 1	NEW ENGLAND TEL.-RI	-2.58%	2.78%	-5.22%	0.00%	0.00%
STATE TOTAL:		SOUTH CAROLINA	8.22%	4.42%	3.64%	80.55%	116.66%
240479	C 2	GTE SOUTH INC. - SOUTH CAROLINA	28.79%	3.51%	24.42%	853.76%	1044.52%
240506	C 2	UNITED TELEPHONE CO. OF THE CAROLINAS	0.35%	3.67%	-3.21%	-100.00%	-100.00%
240512	C 3	BLUFFTON TELEPHONE COMPANY, INC.	42.31%	16.88%	21.75%	114.45%	157.34%
240515	A 3	CHESNEE TELEPHONE COMPANY	-0.14%	4.19%	-4.15%	0.00%	0.00%
240516	A 3	CHESTER TELEPHONE COMPANY- SC	-0.98%	3.31%	-4.15%	0.00%	0.00%
240517	A 2	ALLTEL SOUTH CAROLINA INC.	4.88%	9.42%	-4.15%	0.00%	0.00%
240520	C 3	FARMERS TEL COOP INC - SC	0.37%	-1.51%	1.91%	6.33%	27.59%
240521	A 3	FORT MILL TELEPHONE COMPANY	1.15%	5.54%	-4.15%	0.00%	0.00%
240523	C 3	HARGRAY TEL. CO. INC.	27.00%	0.19%	26.77%	ERR	ERR

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SOUTH CAROLINA (CONT.)							
240524	A 3	HEATH SPRINGS TEL. CO.	3.81%	8.31%	-4.15%	0.00%	0.00%
240526	C 2	CONTEL OF SOUTH CAROLINA, INC.	9.03%	5.24%	3.60%	188.71%	246.45%
240527	A 3	HOME TELEPHONE COMPANY INC - SC	0.32%	4.66%	-4.15%	0.00%	0.00%
240528	C 3	HORRY TEL. COOP. INC.	19.99%	4.51%	14.81%	0.00%	0.00%
240531	A 3	LANCASTER TEL. CO.	-0.27%	4.06%	-4.15%	0.00%	0.00%
240532	A 3	LOCKHART TELEPHONE COMPANY, INC.	-2.65%	1.57%	-4.15%	0.00%	0.00%
240533	C 2	MCCLELLANVILLE TEL. CO. INC.	29.89%	-2.75%	33.57%	818.71%	1002.45%
240535	A 3	NORWAY TELEPHONE CO. INC.	-7.90%	-3.90%	-4.15%	0.00%	0.00%
240536	A 3	PALMETTO RURAL TEL. COOP., INC.	1.63%	6.03%	-4.15%	0.00%	0.00%
240538	A 3	PIEDMONT RURAL TEL. COOP.	0.37%	4.72%	-4.15%	0.00%	0.00%
240539	C 3	POND BRANCH TEL. CO. INC.	26.89%	8.61%	16.83%	ERR	ERR
240540	A 3	RIDGE TEL. CO. INC.	-0.65%	3.65%	-4.15%	0.00%	0.00%
240541	A 3	RIDGEWAY TELEPHONE COMPANY, INC.	0.24%	4.58%	-4.15%	0.00%	0.00%
240542	A 3	ROCK HILL TEL. CO.	1.08%	5.46%	-4.15%	0.00%	0.00%
240544	A 2	ST. STEPHEN TELEPHONE COMPANY	2.73%	7.19%	-4.15%	0.00%	0.00%
240546	A 3	SANDHILL TEL. COOP. INC.	0.51%	4.87%	-4.15%	0.00%	0.00%
240550	A 3	WEST CAROLINA RURAL TEL. COOP.	0.38%	4.73%	-4.15%	0.00%	0.00%
240551	C 2	WILLISTON TELEPHONE COMPANY	13.96%	7.88%	5.63%	39.41%	67.29%
245194	C 1	SOUTHERN BELL-SOUTH CAROLINA	6.62%	4.64%	1.89%	11.40%	33.68%
STATE TOTAL: SOUTH DAKOTA			7.00%	1.91%	5.00%	17.86%	41.43%
391640	A 3	ARMOUR INDEPENDENT TELEPHONE CO.	-0.87%	3.43%	-4.15%	0.00%	0.00%
391642	A 3	BALTIC TELECOM COOPERATIVE	-2.35%	1.88%	-4.15%	0.00%	0.00%
391643	C 2	CONTEL OF SOUTH DAKOTA, INC.	3.81%	1.23%	2.54%	13.27%	35.92%
391647	C 3	CHEYENNE RIVER SIOUX TRIBAL TEL AUTH	-5.87%	2.37%	-8.05%	-17.87%	-1.44%
391649	A 3	BERESFORD MUNICIPAL TEL. CO.	1.19%	5.58%	-4.15%	0.00%	0.00%
391650	A 3	CITY OF BROOKINGS MUNICIPAL TEL. DEPT	-1.34%	2.93%	-4.15%	0.00%	0.00%
391652	A 3	DAKOTA COOP TELECOMMUNICATIONS CO INC	-3.72%	0.45%	-4.15%	0.00%	0.00%
391653	A 3	CITY OF FAITH MUNICIPAL TEL CO	14.11%	1.24%	12.71%	374.41%	469.29%
391654	A 3	INTERSTATE TELECOMMUNICATIONS COOP.,	10.39%	-1.22%	11.75%	ERR	ERR
391657	A 3	SPLITROCK TELECOM COOPERATIVE INC.	-1.17%	3.12%	-4.15%	0.00%	0.00%
391659	C 3	GOLDEN WEST TELECOMM. COOP, INC.	-5.61%	-3.04%	-2.64%	-14.81%	2.22%
391660	A 3	MT. RUSHMORE TEL. CO.	15.85%	2.08%	13.50%	194.52%	253.43%
391661	A 3	HANSON COUNTY TELEPHONE COMPANY	-0.04%	-2.34%	2.35%	0.00%	0.00%
391664	A 3	JAMES VALLEY COOPERATIVE TEL CO	15.09%	-0.55%	15.72%	135.89%	183.07%
391666	C 3	JEFFERSON TELEPHONE COMPANY - SD	3.01%	2.15%	0.84%	0.00%	0.00%
391667	C 3	KADOKA TELEPHONE COMPANY	-5.49%	-0.39%	-5.12%	0.00%	0.00%
391668	C 3	KENNEBEC TELEPHONE COMPANY	10.24%	-2.64%	13.23%	18.68%	42.42%
391669	A 3	MCCOOK COOPERATIVE TELEPHONE CO.	15.62%	-1.45%	17.32%	94.69%	133.63%
391670	A 3	MIDSTATE TELEPHONE COMPANY	16.15%	1.87%	14.02%	163.03%	215.64%
391674	A 3	ROBERTS COUNTY TEL. COOP. ASSN.	17.94%	1.24%	16.49%	66.86%	100.23%
391676	A 3	SANBORN TEL. COOP.	12.83%	0.17%	12.64%	1028.05%	1253.66%
391677	A 3	SIOUX VALLEY TELEPHONE COMPANY	-3.78%	0.39%	-4.15%	0.00%	0.00%
391679	A 3	STOCKHOLM-STRANDBURG TEL. CO.	18.45%	2.49%	15.57%	98.37%	138.04%
391680	C 3	SULLY BUTTES TELEPHONE COOP. INC.	13.71%	-0.08%	13.79%	49.09%	78.90%
391682	A 3	TRI-COUNTY MUTUAL TEL. CO.-SD	17.74%	2.07%	15.36%	106.53%	147.83%
391684	A 3	UNION TELEPHONE COMPANY	-3.27%	0.92%	-4.15%	0.00%	0.00%
391685	A 3	VALLEY TELECOMM. COOP. ASSN., INC.	14.89%	0.20%	14.65%	177.95%	233.54%
391686	A 3	VIVIAN TELEPHONE COMPANY	17.96%	1.94%	15.72%	52.66%	83.20%
391688	A 3	WESTERN TELEPHONE COMPANY	8.84%	-1.28%	10.25%	ERR	ERR
391689	C 3	WEST RIVER COOPERATIVE TEL. CO.	-8.09%	1.79%	-9.71%	-15.93%	0.88%
395145	C 1	NORTHWESTERN BELL-SOUTH DAKOTA	8.84%	2.35%	6.33%	0.00%	0.00%
STATE TOTAL: TENNESSEE			5.69%	2.47%	3.14%	5.16%	26.19%
290280	A 3	ARDMORE TELEPHONE COMPANY INC.	0.64%	5.00%	-4.15%	0.00%	0.00%
290479	C 2	GTE SOUTH INC. - TENNESSEE	4.78%	3.97%	0.78%	7.01%	28.42%
290552	C 2	ADAMSVILLE TELEPHONE COMPANY INC.	5.34%	4.19%	1.10%	6.90%	28.28%
290553	A 3	BEN LOMAND RURAL TEL. COOP. INC.	-0.64%	3.67%	-4.15%	0.00%	0.00%

TABLE 3.7

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STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
TENNESSEE (CONT.)							
290554	A 3	BLEDSON TELEPHONE COOPERATIVE	-0.51%	3.80%	-4.15%	0.00%	0.00%
290557	A 2	CLAIBORNE TELEPHONE COMPANY INC.	6.01%	10.60%	-4.15%	0.00%	0.00%
290559	A 2	CONCORD TEL. EXCHANGE INC.	3.40%	7.88%	-4.15%	0.00%	0.00%
290561	A 3	CROCKETT TEL., INC.	1.45%	5.85%	-4.15%	0.00%	0.00%
290562	A 3	DEKALB TELEPHONE COOP, INC.	-0.33%	3.99%	-4.15%	0.00%	0.00%
290565	A 3	HIGHLAND TEL COOP INC - TENNESSEE	-1.13%	3.15%	-4.15%	0.00%	0.00%
290566	A 3	HUMPHREY'S COUNTY TEL. COMPANY	-0.95%	3.35%	-4.15%	0.00%	0.00%
290567	C 2	UNITED INTER-MOUNTAIN TEL. COMPANY-TN	2.99%	6.19%	-3.01%	0.00%	0.00%
290570	A 3	LORETTO TELEPHONE COMPANY INC.	-2.60%	1.62%	-4.15%	0.00%	0.00%
290571	C 3	MILLINGTON TELEPHONE COMPANY INC.	18.02%	8.59%	8.68%	0.00%	0.00%
290573	A 3	NORTH CENTRAL TEL COOP, INC.	-1.14%	3.14%	-4.15%	0.00%	0.00%
290574	A 3	OOLETEWAH-COLLEGEDALE TEL. CO.	10.72%	15.52%	-4.15%	0.00%	0.00%
290575	C 2	TENNESSEE TELEPHONE COMPANY	3.70%	4.21%	-0.48%	-1.19%	18.57%
290576	A 3	PEOPLES TEL. CO. INC.	-2.45%	1.78%	-4.15%	0.00%	0.00%
290577	A 2	ALLTEL TENNESSEE INC.	-0.52%	3.79%	-4.15%	0.00%	0.00%
290578	A 2	TELLICO TEL. CO., INC.	-0.85%	3.44%	-4.15%	0.00%	0.00%
290579	C 3	TWIN LAKES TEL. COOP. CORP.	5.26%	3.65%	1.55%	0.00%	0.00%
290581	A 3	UNITED TEL. CO.-TN	0.18%	4.53%	-4.15%	0.00%	0.00%
290583	A 3	WEST TENNESSEE TEL. CO., INC.	-0.50%	3.81%	-4.15%	0.00%	0.00%
290584	A 3	YORKVILLE TELEPHONE COOPERATIVE INC.	9.89%	0.86%	8.95%	ERR	ERR
295185	C 1	SOUTH CENTRAL BELL-TENNESSEE	6.30%	1.85%	4.37%	0.00%	0.00%
STATE TOTAL: TEXAS			3.85%	4.97%	-1.06%	26.90%	52.28%
440425	C 3	CAMERON TELEPHONE COMPANY - TEXAS	24.15%	-1.52%	26.07%	104.44%	145.33%
442038	A 3	BLOSSOM TELEPHONE COMPANY	-3.37%	0.81%	-4.15%	0.00%	0.00%
442039	C 3	BIG BEND TELEPHONE COMPANY INC.	8.17%	-0.38%	8.58%	10.88%	33.06%
442040	C 3	BRAZORIA TEL. CO.	10.45%	-4.11%	15.18%	30.38%	56.45%
442041	C 3	BRAZOS TELEPHONE COOPERATIVE INC.	5.74%	-2.47%	8.42%	11.17%	33.40%
442043	A 3	BYERS AND PETROLIA TELEPHONE CO.	11.49%	0.39%	11.05%	ERR	ERR
442046	C 3	CAP ROCK TELEPHONE COMPANY INC.	13.34%	4.83%	8.12%	28.50%	54.20%
442052	C 3	CENTRAL TEXAS TELEPHONE CO-OP. INC.	21.17%	2.76%	17.92%	28.87%	54.65%
442057	A 3	COLEMAN COUNTY TELEPHONE CO-OP. INC.	13.55%	-0.65%	14.30%	269.00%	342.80%
442059	C 3	COLORADO VALLEY TELEPHONE CO-OP. INC.	17.19%	2.31%	14.54%	42.69%	71.23%
442060	A 3	COMANCHE COUNTY TEL COMPANY INC.	-3.15%	1.05%	-4.15%	0.00%	0.00%
442061	C 3	COMMUNITY TELEPHONE COMPANY, INC.	2.34%	0.41%	1.92%	9.32%	31.19%
442065	A 3	CUMBY TELEPHONE COOPERATIVE INC.	-4.24%	-0.53%	-3.73%	0.00%	0.00%
442066	C 3	DELL TELEPHONE CO-OP. INC. - TX	3.58%	17.76%	-12.05%	2.16%	22.59%
442068	C 3	EASTEX TELEPHONE COOPERATIVE INC.	13.26%	2.03%	11.01%	32.93%	59.52%
442069	A 3	ELECTRA TELEPHONE COMPANY, INC.	-7.63%	-3.62%	-4.15%	0.00%	0.00%
442070	C 3	ETEX TELEPHONE COOPERATIVE INC.	10.47%	0.63%	9.78%	70.10%	104.12%
442071	C 3	FIVE AREA TELEPHONE CO-OP. INC.	10.58%	-2.94%	13.92%	15.69%	38.82%
442072	C 3	FORT BEND TELEPHONE COMPANY	9.11%	3.49%	5.42%	24.64%	49.57%
442076	C 3	GANADO TELEPHONE COMPANY INC.	-1.97%	0.00%	-1.97%	-6.72%	11.94%
442080	C 2	GTE SOUTHWEST INC. - TEXAS	4.39%	5.86%	-1.38%	-3.23%	16.12%
442083	C 3	GUADALUPE VALLEY TEL CO-OP. INC.	27.77%	2.97%	24.08%	121.56%	165.88%
442084	C 2	UNITED TELEPHONE CO. OF TEXAS INC.	20.96%	1.85%	18.77%	66.76%	100.11%
442086	C 3	HILL COUNTRY TELEPHONE CO-OP. INC.	-1.47%	1.31%	-2.74%	-4.05%	15.14%
442090	C 3	ALENCO COMMUNICATIONS, INC.	-33.51%	-3.29%	-31.25%	-65.23%	-58.28%
442093	C 3	INDUSTRY TELEPHONE COMPANY	-3.25%	-0.45%	-2.81%	-4.08%	15.10%
442097	C 3	KERRVILLE TELEPHONE COMPANY	13.74%	3.51%	9.88%	0.00%	0.00%
442101	C 3	LAKE DALLAS TELEPHONE COMPANY, INC.	30.74%	5.97%	23.37%	56.32%	87.58%
442103	C 3	LA WARD TELEPHONE EXCHANGE INC.	5.15%	0.92%	4.20%	8.21%	29.85%
442104	C 2	LAKE LIVINGSTON TEL. CO.	12.89%	0.21%	12.65%	27.33%	52.80%
442105	C 3	LIPAN TELEPHONE COMPANY	117.85%	5.10%	107.28%	ERR	ERR
442107	A 3	LIVINGSTON TELEPHONE COMPANY	-3.44%	0.74%	-4.15%	0.00%	0.00%
442109	C 2	LUFKIN-CONROE TELEPHONE EXCHANGE, INC	13.15%	4.89%	7.88%	120.94%	165.12%
442112	C 3	MID-PLAINS RURAL TEL. CO-OP. INC.	7.85%	2.67%	5.05%	12.17%	34.60%
442114	C 2	CENTRAL TELEPHONE COMPANY OF TEXAS	4.65%	3.77%	0.85%	9.75%	31.70%
442116	C 3	MUENSTER TELEPHONE CORP. OF TEXAS	-2.06%	0.47%	-2.52%	-15.45%	1.46%



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TEXAS (CONT.)							
442117	C 2	MUSTANG TELEPHONE COMPANY	15.53%	5.60%	9.40%	37.53%	65.04%
442121	C 2	ALLTEL TEXAS INC.	12.08%	2.97%	8.84%	60.21%	92.25%
442130	C 3	PEOPLES TELEPHONE COOPERATIVE - TX	5.60%	3.17%	2.36%	14.53%	37.43%
442131	C 3	POKA-LAMBRO TEL. COOPERATIVE, INC.	4.35%	-2.81%	7.36%	12.71%	35.25%
442134	C 3	RIVIERA TELEPHONE COMPANY INC.	11.57%	1.47%	9.96%	20.70%	44.84%
442135	C 3	SOUTHWEST TEXAS TELEPHONE COMPANY	2.64%	7.90%	-4.88%	-0.06%	19.93%
442136	C 2	ROMAIN TELEPHONE COMPANY	5.96%	3.46%	2.42%	7.02%	28.42%
442140	A 3	SAN MARCOS TEL. CO., INC.	-2.23%	2.00%	-4.15%	0.00%	0.00%
442141	A 3	SANTA ROSA TEL. COOP., INC.	16.93%	-0.06%	17.01%	80.42%	116.50%
442143	A 3	SOUTH PLAINS TEL. COOP., INC.	16.70%	1.01%	15.54%	115.09%	158.11%
442147	C 3	SUGAR LAND TEL. CO.	8.38%	11.61%	-2.89%	-34.80%	-21.76%
442150	C 3	TATUM TEL. CO.	127.16%	2.26%	122.14%	ERR	ERR
442151	C 3	TAYLOR TEL. CO-OP., INC.	11.98%	1.09%	10.77%	37.51%	65.01%
442153	C 2	TEXAS-MIDLAND TELEPHONE COMPANY	14.93%	1.22%	13.54%	26.15%	51.38%
442154	C 2	CONTINENTAL TELEPHONE CO OF TEXAS	13.72%	4.86%	8.45%	25.70%	50.84%
442155	C 3	TRI-COUNTY TEL. CO. INC.-TX	26.73%	0.52%	26.07%	42.84%	71.41%
442156	C 2	TRINITY VALLEY TELEPHONE COMPANY INC.	0.25%	-1.28%	1.55%	1.50%	21.80%
442159	C 3	VALLEY TELEPHONE CO-OP. INC. - TX	3.70%	0.16%	3.53%	5.90%	27.08%
442163	C 3	WATERWOOD COMMUNICATIONS INC.	-8.69%	3.68%	-11.93%	-20.75%	-4.90%
442166	C 3	WEST TEXAS RURAL TEL. CO-OP. INC.	11.89%	0.40%	11.45%	20.01%	44.02%
442168	C 3	WES-TEX TELEPHONE CO-OP.	2.66%	-0.49%	3.17%	9.56%	31.47%
442170	C 3	XIT RURAL TELEPHONE CO-OP. INC.	17.72%	3.25%	14.01%	25.27%	50.32%
442262	C 3	E.N.M.R. TEL. COOP., INC.-TX	-3.37%	1.60%	-4.90%	-21.41%	-5.69%
445216	C 1	SOUTHWESTERN BELL-TEXAS	2.36%	4.98%	-2.49%	0.00%	0.00%
STATE TOTAL: UTAH			3.02%	3.33%	-0.30%	22.56%	47.07%
502177	C 2	CONTEL OF THE WEST - UTAH	9.36%	2.15%	7.06%	22.51%	47.01%
502275	C 2	NAVAJO COMMUNICATIONS CO. INC. - UT	-12.11%	1.35%	-13.28%	-18.73%	-2.47%
502277	C 3	CENTRAL UTAH TEL. INC.	24.61%	4.35%	19.41%	326.09%	411.31%
502278	C 3	EMERY COUNTY FARMERS UNION TEL ASSN	-3.12%	2.32%	-5.31%	0.00%	0.00%
502279	A 3	GUNNISON TEL. CO.	1.75%	6.16%	-4.15%	0.00%	0.00%
502280	C 3	KAMAS-WOODLAND TEL. CO.	6.89%	3.81%	2.97%	14.64%	37.57%
502282	A 3	MANTI TELEPHONE COMPANY	1.86%	6.27%	-4.15%	0.00%	0.00%
502283	A 3	SKYLINE TELECOM	-2.10%	0.00%	-2.10%	0.00%	0.00%
502284	C 3	BEEHIVE TELEPHONE CO., INC., UT	27.99%	-3.89%	33.17%	45.15%	74.18%
502286	C 3	SOUTH CENTRAL UTAH TEL. ASSN. INC.	-2.54%	-8.70%	6.74%	0.00%	0.00%
502287	C 3	UINTAH BASIN TEL. ASSN. INC.	3.06%	0.78%	2.25%	5.52%	26.62%
502288	C 3	UTAH-WYOMING TELECOM - UT	47.42%	2.10%	44.40%	504.87%	625.85%
505107	C 1	MOUNTAIN BELL-UTAH	2.66%	3.41%	-0.72%	0.00%	0.00%
STATE TOTAL: VERMONT			1.24%	5.31%	-3.86%	9.49%	31.39%
140053	A 3	FRANKLIN TEL. CO. - VT	-14.69%	-19.32%	5.73%	0.00%	0.00%
140058	C 2	LUDLOW TEL. CO.	9.51%	5.73%	3.58%	0.00%	0.00%
140061	C 2	NORTHFIELD TEL. CO.	21.73%	5.54%	15.34%	0.00%	0.00%
140062	C 2	PERKINSVILLE TEL. CO.	0.43%	2.86%	-2.36%	-100.00%	-100.00%
140064	A 3	SHOREHAM TEL. CO. INC.	18.77%	13.60%	4.55%	ERR	ERR
140068	C 3	TOPSHAM TEL. CO., INC.	6.87%	8.13%	-1.17%	0.00%	0.00%
140069	C 3	WAITSFIELD/FAYSTON TEL. CO.	45.82%	2.43%	42.36%	243.39%	312.06%
140070	C 2	CONTEL OF VERMONT, INC.	6.95%	3.73%	3.10%	14.57%	37.49%
145115	C 1	NEW ENGLAND TEL.-VT	-0.58%	5.53%	-5.79%	-20.66%	-4.79%
STATE TOTAL: VIRGIN ISLANDS			3.12%	3.29%	-0.16%	1.90%	22.28%
643300	C 2	VIRGIN ISLANDS TELEPHONE CORPORATION	3.12%	3.29%	-0.16%	1.90%	22.28%
STATE TOTAL: VIRGINIA			3.39%	4.38%	-0.94%	27.14%	52.57%
190217	C 2	AMELIA TEL. CORP.	-2.82%	7.90%	-9.94%	-26.71%	-12.06%

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VIRGINIA (CONT.)							
190219	A 3	BUGGS ISLAND TELEPHONE COOP.	4.25%	8.77%	-4.15%	0.00%	0.00%
190220	A 3	BURKE'S GARDEN TELEPHONE COMPANY INC.	17.08%	1.12%	15.78%	47.22%	76.67%
190225	A 3	CITIZENS TELEPHONE COOP - VIRGINIA	-1.89%	2.36%	-4.15%	0.00%	0.00%
190226	A 3	CLIFTON FORGE WAYNESBORO TEL CO	7.19%	11.83%	-4.15%	0.00%	0.00%
190233	C 2	CONTEL OF VIRGINIA, INC.	11.86%	6.21%	5.33%	197.43%	256.91%
190236	A 3	NORTH RIVER TELEPHONE COOPERATIVE	-0.46%	3.85%	-4.15%	0.00%	0.00%
190237	A 3	HIGHLAND TEL COOP - VIRGINIA	13.84%	1.02%	12.70%	446.76%	556.12%
190238	A 3	MOUNTAIN GROVE-WILLIAMSVILLE TEL. CO.	15.08%	-1.32%	16.61%	117.22%	160.67%
190239	A 3	NEW HOPE TELEPHONE COMPANY - VA	1.14%	5.52%	-4.15%	0.00%	0.00%
190243	A 3	PEMBROKE TELEPHONE COOPERATIVE	-0.07%	4.26%	-4.15%	0.00%	0.00%
190244	A 3	PEOPLES MUTUAL TEL CO - VA	1.20%	5.59%	-4.15%	0.00%	0.00%
190248	A 3	SCOTT COUNTY TEL. COOP. INC.	-1.97%	2.28%	-4.15%	0.00%	0.00%
190249	C 3	ROANOKE & BOTETOURT TEL. CO.	8.03%	4.26%	3.62%	49.11%	78.93%
190250	A 3	SHENANDOAH TEL. CO.	2.20%	6.63%	-4.15%	0.00%	0.00%
190253	A 3	VIRGINIA HOT SPRINGS TEL. CO.	-4.55%	-0.41%	-4.15%	0.00%	0.00%
190254	C 2	CENTRAL TELEPHONE COMPANY OF VA	7.88%	3.05%	4.68%	0.00%	0.00%
190479	C 2	GTE SOUTH INC. - VIRGINIA	1.58%	2.74%	-1.13%	-2.07%	17.51%
190567	C 2	UNITED INTER-MOUNTAIN TELEPHONE CO-VA	9.27%	9.26%	0.01%	23.77%	48.53%
195040	C 1	C & P TELEPHONE COMPANY OF VIRGINIA	1.35%	4.02%	-2.57%	0.00%	0.00%
STATE TOTAL: WASHINGTON			1.83%	5.16%	-3.18%	-0.17%	19.80%
522400	C 2	UNITED TELEPHONE CO OF THE NW - WA	3.96%	4.65%	-0.67%	1.95%	22.34%
522404	C 2	ASOTIN TELEPHONE COMPANY - WA	-1.33%	10.70%	-10.87%	-13.68%	3.59%
522408	C 2	TELEPHONE UTILITIES OF WA INC.	15.55%	6.46%	8.54%	76.04%	111.25%
522410	C 3	COWICHE TELEPHONE CO. INC.	9.98%	0.63%	9.29%	0.00%	0.00%
522412	C 3	ELLENSBURG TELEPHONE COMPANY	13.93%	1.19%	12.59%	0.00%	0.00%
522416	C 2	GTE NORTHWEST INC. - WASHINGTON	8.71%	6.76%	1.82%	581.38%	717.66%
522417	C 3	HAT ISLAND TELEPHONE COMPANY	13.34%	11.76%	1.41%	33.91%	60.70%
522419	C 3	HOOD CANAL TELEPHONE COMPANY	-6.34%	8.46%	-13.65%	-66.58%	-59.90%
522423	C 3	INLAND TELEPHONE COMPANY - WA	6.17%	6.32%	-0.14%	6.49%	27.79%
522426	C 3	KALAMA TELEPHONE COMPANY	14.87%	3.88%	10.58%	79.45%	115.33%
522427	C 3	LEWIS RIVER TELEPHONE COMPANY INC.	3.63%	5.44%	-1.72%	-2.19%	17.37%
522430	A 3	MCDANIEL TELEPHONE COMPANY	3.44%	7.93%	-4.15%	0.00%	0.00%
522431	C 3	MASHELL TELEPHONE COMPANY INC.	15.35%	5.25%	9.60%	40.79%	68.94%
522436	C 2	PENINSULA TELECOMMUNICATIONS, INC.	13.79%	1.38%	12.24%	84.97%	121.96%
522437	C 3	PIONEER TELEPHONE COMPANY	4.25%	0.55%	3.68%	6.97%	28.37%
522442	C 3	ST. JOHN TELEPHONE CO.	9.72%	0.00%	9.72%	48.99%	78.78%
522446	C 3	TENINO TEL. CO.	12.63%	2.53%	9.85%	42.97%	71.57%
522447	C 3	TOLEDO TELEPHONE COMPANY INC.	-2.06%	1.66%	-3.67%	-11.69%	5.97%
522449	C 2	CONTEL OF THE NORTHWEST INC. - WA	-11.30%	7.54%	-17.52%	-47.67%	-37.21%
522451	C 3	WESTERN WAHIAKUM COUNTY TEL COMPANY	19.06%	3.36%	15.19%	51.01%	81.21%
522452	C 3	WHIDBEY TEL. CO.	17.58%	6.31%	10.59%	42.20%	70.64%
522453	C 3	YELM TELEPHONE COMPANY	15.46%	9.08%	5.85%	181.09%	237.31%
525161	C 1	PACIFIC NORTHWEST BELL-WASHINGTON	-1.23%	4.67%	-5.64%	0.00%	0.00%
STATE TOTAL: WEST VIRGINIA			0.80%	1.09%	-0.29%	12.67%	35.20%
200256	A 3	ARMSTRONG TELEPHONE COMPANY - WV	-3.53%	0.65%	-4.15%	0.00%	0.00%
200257	A 3	SPRUCE KNOB SENECA ROCKS TEL., INC.	-0.62%	3.68%	-4.15%	0.00%	0.00%
200259	C 3	HARDY TELEPHONE COMPANY	6.30%	6.07%	0.22%	6.45%	27.74%
200267	A 3	ARMSTRONG TELEPHONE COMPANY	-3.23%	0.96%	-4.15%	0.00%	0.00%
200270	C 2	MOUNTAIN STATE TELEPHONE CO.	7.83%	2.52%	5.19%	15.57%	38.69%
200276	A 3	WAR TELEPHONE COMPANY	-5.50%	-1.40%	-4.15%	0.00%	0.00%
200277	A 3	WEST SIDE TELEPHONE COMPANY - WV	0.11%	4.44%	-4.15%	0.00%	0.00%
200278	C 2	CONTEL OF WEST VIRGINIA, INC.	2.70%	-2.28%	5.10%	11.86%	34.23%
200479	C 2	GTE SOUTH INC. - WEST VIRGINIA	10.22%	1.42%	8.68%	46.56%	75.87%
205050	C 1	C & P TELEPHONE COMPANY OF W VA	-0.39%	1.12%	-1.50%	-6.91%	11.70%

TABLE 3.7

National Exchange Carrier Association  
Universal Service Fund  
Individual Study Areas  
Percentage Changes 1988 to 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
STATE TOTAL:		WISCONSIN	3.78%	3.11%	0.66%	94.53%	133.43%
330841	C 2	CENCOM OF WISCONSIN INC.	9.29%	4.81%	4.27%	151.26%	201.51%
330842	A 3	AMERY TELEPHONE COMPANY	4.95%	9.50%	-4.15%	0.00%	0.00%
330843	A 3	AMHERST TELEPHONE COMPANY	4.81%	9.35%	-4.15%	0.00%	0.00%
330844	A 2	BADGER TELECOM, INC.	4.34%	8.86%	-4.15%	0.00%	0.00%
330846	A 3	BALDWIN TELCOM. INC.	5.31%	9.88%	-4.15%	0.00%	0.00%
330847	A 3	BELMONT TELEPHONE COMPANY	4.07%	8.58%	-4.15%	0.00%	0.00%
330848	A 3	BERGEN TELEPHONE COMPANY	19.26%	4.12%	14.55%	46.67%	76.00%
330849	A 2	BLACK EARTH TELEPHONE COMPANY	-1.97%	2.28%	-4.15%	0.00%	0.00%
330850	A 3	BLOOMER TELEPHONE COMPANY	8.14%	12.83%	-4.15%	0.00%	0.00%
330851	A 2	BONDUEL TELEPHONE COMPANY	3.09%	7.56%	-4.15%	0.00%	0.00%
330855	A 3	BRUCE TELEPHONE COMPANY, INC.	4.18%	8.70%	-4.15%	0.00%	0.00%
330856	A 2	BURLINGTON BRIGHTON & WHEATLAND TEL	4.51%	9.04%	-4.15%	0.00%	0.00%
330857	A 3	CASCO TELEPHONE COMPANY	1.62%	6.03%	-4.15%	0.00%	0.00%
330858	A 2	LAKESHORE TELEPHONE COMPANY	3.78%	8.28%	-4.15%	0.00%	0.00%
330859	C 2	CENTRAL STATE TELEPHONE COMPANY	2.74%	3.26%	-0.51%	-3.97%	15.23%
330860	C 3	CHEQUAMEGON TELEPHONE COOP INC.	25.29%	10.72%	13.16%	ERR	ERR
330861	A 3	CHIBARDUN TELEPHONE COOP INC.	3.45%	7.93%	-4.15%	0.00%	0.00%
330863	A 3	CITIZENS TELEPHONE COOP INC - WI	10.39%	9.43%	0.88%	0.00%	0.00%
330865	A 3	CLEAR LAKE TELEPHONE CO INC - WI	3.07%	7.53%	-4.15%	0.00%	0.00%
330866	A 3	COCHRANE COOPERATIVE TELEPHONE CO	5.58%	7.29%	-1.59%	0.00%	0.00%
330868	A 3	COON VALLEY FARMERS TELEPHONE CO., INC	2.91%	7.36%	-4.15%	0.00%	0.00%
330870	C 3	CRANDON TELEPHONE COMPANY	10.13%	2.94%	6.99%	44.30%	73.16%
330872	A 3	CUBA CITY TEL. EXCH. CO.	3.60%	8.09%	-4.15%	0.00%	0.00%
330875	A 3	DICKEYVILLE TELEPHONE CO.	2.82%	7.27%	-4.15%	0.00%	0.00%
330876	A 2	DODGE COUNTY TELEPHONE COMPANY	MERGED INTO 330943	RIVERSIDE TELECOM, INC.			
330877	A 3	FAIRWATER-BRANDON-ALTO TEL. CO.	3.37%	7.84%	-4.15%	0.00%	0.00%
330879	A 3	FARMERS IND. TELEPHONE COMPANY - WI	5.39%	9.96%	-4.15%	0.00%	0.00%
330880	A 3	FARMERS TELEPHONE COMPANY - WI	4.26%	8.78%	-4.15%	0.00%	0.00%
330881	A 3	MID-PLAINS TELEPHONE INC.	10.99%	15.80%	-4.15%	0.00%	0.00%
330882	A 2	FENNIMORE TELEPHONE COMPANY	MERGED INTO 330930	GRANTLAND TELECOM, INC.			
330883	A 3	FOOTVILLE TELEPHONE COMPANY	7.49%	12.14%	-4.15%	0.00%	0.00%
330884	A 2	FORESTVILLE TEL. CO. INC.	-0.40%	3.91%	-4.15%	0.00%	0.00%
330886	C 2	GTE NORTH INC. - WISCONSIN	8.38%	-0.63%	9.06%	93.85%	132.62%
330889	A 3	HAGER TELECOM INC.	5.93%	10.52%	-4.15%	0.00%	0.00%
330891	C 3	HEADWATERS TEL. CO.	-2.00%	3.26%	-5.10%	-95.87%	-95.04%
330892	A 3	HILLSBORO TELEPHONE COMPANY INC.	3.21%	7.68%	-4.15%	0.00%	0.00%
330895	C 2	CENTURY TELEPHONE OF WISCONSIN INC.	3.84%	5.87%	-1.92%	0.00%	0.00%
330896	A 3	LAKEFIELD TELEPHONE COMPANY	4.09%	8.60%	-4.15%	0.00%	0.00%
330898	A 2	LARSEN-READFIELD TEL. CO.	-1.69%	2.57%	-4.15%	0.00%	0.00%
330899	A 3	LA VALLE TELEPHONE COOPERATIVE	4.12%	8.63%	-4.15%	0.00%	0.00%
330900	A 3	LEMONWEIR VALLEY TEL. CO.	4.77%	9.31%	-4.15%	0.00%	0.00%
330902	A 3	LUCK TELEPHONE COMPANY	4.10%	8.61%	-4.15%	0.00%	0.00%
330904	A 3	MADLINE ISLAND TEL. CO.	25.10%	15.36%	8.45%	116.17%	159.41%
330905	A 3	MANAWA TELEPHONE COMPANY	5.33%	9.90%	-4.15%	0.00%	0.00%
330907	A 3	MAPLE TELEPHONE COOP INC.	19.24%	8.28%	10.13%	200.31%	260.37%
330908	C 3	MARQUETTE-ADAMS TEL. COOP. INC.	4.16%	4.55%	-0.38%	0.00%	0.00%
330909	C 2	MIDWAY TELEPHONE COMPANY	0.51%	-0.25%	0.76%	0.00%	0.00%
330910	A 3	MILLTOWN MUTUAL TELEPHONE COMPANY	3.57%	8.06%	-4.15%	0.00%	0.00%
330912	A 2	MONDOVI TELEPHONE COMPANY	2.85%	7.31%	-4.15%	0.00%	0.00%
330913	C 2	MONROE COUNTY TELEPHONE COMPANY	8.65%	2.00%	6.51%	0.00%	0.00%
330914	A 2	EASTCOAST TELECOM (MOSEL&CENTERVILLE)	-3.51%	0.67%	-4.15%	0.00%	0.00%
330915	A 3	MOSINEE TEL. CO.	5.48%	10.05%	-4.15%	0.00%	0.00%
330916	C 3	MOUNT HOREB TELEPHONE COMPANY	5.71%	3.73%	1.91%	ERR	ERR
330917	C 2	MOUNT VERNON TELEPHONE COMPANY	4.72%	-0.73%	5.49%	0.00%	0.00%
330918	A 3	NELSON TELEPHONE COOPERATIVE	3.27%	7.74%	-4.15%	0.00%	0.00%
330920	A 3	NIAGARA TELEPHONE COMPANY	6.69%	11.31%	-4.15%	0.00%	0.00%
330922	C 3	NORTH-WEST TELEPHONE COMPANY	12.14%	2.22%	9.71%	0.00%	0.00%
330924	A 3	KENDALL TELEPHONE, INC. (NOVY'S)	5.13%	9.69%	-4.15%	0.00%	0.00%
330925	A 3	BAYLAND TELEPHONE INC.	4.70%	9.24%	-4.15%	0.00%	0.00%
330930	A 2	GRANTLAND TELECOM (PEOPLES-MT.HOPE)	2.06%	8.08%	-5.58%	0.00%	0.00%

TABLE 3.7

National Exchange Carrier Association  
 Universal Service Fund  
 Individual Study Areas  
 Percentage Changes 1988 to 1989

STUDY AREA CODE	TYPE AND SUBSET	COMPANY NAME	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND AFTER FULL TRANSITION	UNIVERSAL SERVICE FUND APPLICABLE TO LATER YEAR
WISCONSIN (CONT.)							
330931	C 3	PEOPLES TELEPHONE CO OF RANDOLPH	6.68%	-0.34%	7.04%	0.00%	0.00%
330934	C 3	PLATTEVILLE TELEPHONE COMPANY	3.93%	1.49%	2.41%	0.00%	0.00%
330936	C 3	INDIANHEAD TEL. CO.	10.92%	2.23%	8.50%	55.62%	86.75%
330937	C 3	PRICE COUNTY TELEPHONE COMPANY	-4.32%	2.22%	-6.40%	-35.53%	-22.63%
330938	A 3	NORTHEAST TEL. CO.	5.01%	9.56%	-4.15%	0.00%	0.00%
330940	C 3	RHINELANDER TEL. CO.	23.85%	7.41%	15.30%	0.00%	0.00%
330941	A 3	RIB LAKE TELEPHONE COMPANY	2.48%	6.92%	-4.15%	0.00%	0.00%
330942	A 3	RICHLAND-GRANT TEL. COOP. INC.	13.84%	9.26%	4.20%	0.00%	0.00%
330943	A 2	RIVERSIDE TELECOM, INC. (ROCK RIVER)	4.58%	9.11%	-4.15%	0.00%	0.00%
330944	A 2	ST. CROIX TEL. CO.	3.28%	7.76%	-4.15%	0.00%	0.00%
330945	A 2	SCANDINAVIA TELEPHONE COMPANY	6.24%	10.84%	-4.15%	0.00%	0.00%
330946	A 3	SHARON TEL. CO.	1.00%	-2.28%	3.36%	0.00%	0.00%
330948	A 3	SHELL LAKE TEL. CO.	0.98%	5.36%	-4.15%	0.00%	0.00%
330949	A 3	SIREN TELEPHONE CO., INC.	1.18%	5.57%	-4.15%	0.00%	0.00%
330950	C 2	SOLO SPRINGS TEL. CO.	11.48%	3.64%	7.57%	0.00%	0.00%
330951	A 3	SOMERSET TEL. CO., INC.	7.03%	11.66%	-4.15%	0.00%	0.00%
330952	C 3	SOUTHEAST TEL. CO. OF WIS., INC.	9.56%	5.24%	4.11%	0.00%	0.00%
330953	A 3	SPRING VALLEY TEL. CO., INC.	4.33%	8.85%	-4.15%	0.00%	0.00%
330954	A 2	STOCKBRIDGE & SHERWOOD TEL. CO.	2.99%	7.45%	-4.15%	0.00%	0.00%
330955	A 3	STATE LONG DISTANCE TEL. CO.	5.31%	9.87%	-4.15%	0.00%	0.00%
330956	C 2	UNIVERSAL TEL. CO. OF NORTHERN WIS. IN	25.06%	-2.20%	27.88%	ERR	ERR
330957	A 3	SULLIVAN TEL. CO.	4.61%	9.14%	-4.15%	0.00%	0.00%
330958	A 2	TENNEY TEL. CO.	2.98%	7.45%	-4.15%	0.00%	0.00%
330959	A 3	THORP TELEPHONE COMPANY	3.00%	7.46%	-4.15%	0.00%	0.00%
330960	A 3	TRI-COUNTY TEL. COOP. INC.-WI	4.06%	8.57%	-4.15%	0.00%	0.00%
330961	A 3	TURTLE LAKE TELEPHONE CO INC.	0.83%	5.20%	-4.15%	0.00%	0.00%
330962	A 3	UNION TELEPHONE COMPANY	4.08%	8.59%	-4.15%	0.00%	0.00%
330963	C 3	UTELCO, INC	10.27%	2.78%	7.29%	0.00%	0.00%
330964	C 2	URBAN TELEPHONE CORPORATION	10.28%	3.41%	6.64%	0.00%	0.00%
330965	A 2	VALDERS TELEPHONE COMPANY	MERGED INTO 330914		EASTCOAST TELECOM, INC.		
330966	A 3	VERNON TELEPHONE COOP	3.51%	8.00%	-4.15%	0.00%	0.00%
330967	A 2	VIROQUA TELEPHONE COMPANY	3.25%	7.73%	-4.15%	0.00%	0.00%
330968	A 2	WAUNAKEE TELEPHONE COMPANY	7.25%	11.90%	-4.15%	0.00%	0.00%
330970	A 3	WAYSIDE TELEPHONE COMPANY	1.58%	5.98%	-4.15%	0.00%	0.00%
330971	A 3	WEST WISCONSIN TELCOM COOP. INC.	13.68%	18.61%	-4.15%	0.00%	0.00%
330973	A 3	WITTENBERG TELEPHONE COMPANY	3.41%	7.89%	-4.15%	0.00%	0.00%
330974	C 3	WOOD COUNTY TELEPHONE COMPANY	6.82%	3.37%	3.34%	0.00%	0.00%
335220	C 1	WISCONSIN BELL	1.24%	3.19%	-1.89%	0.00%	0.00%
STATE TOTAL:		WYOMING	0.73%	0.42%	0.32%	6.52%	27.83%
511595	C 2	UNITED TELEPHONE CO. OF THE WEST-WY	1.44%	1.59%	-0.14%	0.00%	0.00%
512251	C 3	RANGE TEL. COOPERATIVE INC.-WY	10.41%	1.82%	8.44%	19.37%	43.24%
512289	A 3	CHUGWATER TELEPHONE COMPANY	20.49%	6.22%	13.43%	104.49%	145.39%
512290	C 3	UTAH-WYOMING TELECOM WY	-8.52%	3.07%	-11.25%	-100.00%	-100.00%
512291	C 3	DUBOIS TELEPHONE EXCHANGE INC.	6.62%	0.39%	6.20%	11.26%	33.51%
512292	A 3	EDEN VALLEY TEL. CO.	16.72%	1.26%	15.27%	121.70%	166.04%
512295	C 3	SILVER STAR TEL. CO.- WY	26.10%	3.39%	21.97%	ERR	ERR
512296	A 3	TRI-COUNTY TEL. ASSN. INC.-WY	17.59%	2.19%	15.07%	112.73%	155.28%
512297	C 3	UNION TELEPHONE CO.	10.57%	-1.15%	11.85%	54.74%	85.69%
512299	C 2	TELEPHONE UTILITIES OF WYOMING, INC.	4.06%	6.05%	-1.87%	-7.27%	11.28%
515108	C 1	MOUNTAIN BELL-WYOMING	0.22%	0.29%	-0.07%	-1.94%	17.67%
INDUSTRY TOTAL:			3.89%	3.58%	0.30%	17.03%	40.44%

#### 4. Network Usage and Growth

The amount of traffic carried on the public switched network is a vital concern to the Joint Board and the Commission, since the interstate toll rate decreases that have accompanied the subscriber line charge increase were designed to make use of the network more efficient and to stimulate traffic growth. To monitor use of this network, the National Exchange Carrier Association (NECA) provides monthly reports to the Commission on the volume of switched interstate usage. To supplement this information, the Joint Board recommended that the larger local telephone companies also provide, on an annual basis, their total switched minutes of use, their interstate switched minutes of use, and their Subscriber Plant Factor (SPF), Subscriber Line Usage (SLU), and Dial Equipment Minutes (DEM) factors. The Joint Board recognized that much of this information was not previously collected by any single entity and that reports could be received and consolidated by some other entity (such as NECA). The data reported in this section includes revisions of the data that were contained in our previous reports, as well as annual percentage changes of these data for Tier 1 companies.<sup>1</sup>

This report includes data on switched telephone traffic as reflected in the NECA calculations of carrier common line (CCL) access minutes of use from January 1988 through October 1990. Table 4.1 shows the latest available figures on minutes of use for interstate traffic as reported by NECA, derived from the Common Line earned revenues. Tables 4.2 and 4.3 show the figures for large (Tier 1) and small (non-Tier 1) companies, respectively. These figures do not include the minutes from the closed end of WATS. Similar data, extending back to mid-1984, are contained in earlier editions of this report.

Tables 4.4 and 4.5 are summary tables derived from the data for the fully reporting Tier 1 companies. Table 4.4 gives average annualized growth rates for 1980 through 1983, 1983 through 1989, and 1980 through 1989 for local, state, interstate, and total subscriber line usage (SLU) minutes.<sup>2</sup> State and interstate SLU have grown faster since 1983 than they did before. However, due to the exclusion of outward WATS minutes from

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1 A Tier 1 carrier is a local exchange carrier that has \$100 million or more annually in revenue from regulated telecommunications for five consecutive years.

2 These are derived from the data in Tables 4.13 through 4.16.

SLU beginning in June 1986, the SLU growth rates for 1986 and 1987 are somewhat lower than they would have been otherwise. Table 4.5 gives similar data for dial equipment minutes (DEM), which include outward WATS minutes, and shows a similar pattern of growth rates.<sup>3</sup> These two tables suggest that the toll rate decreases that accompanied the imposition of subscriber line charges have stimulated the use of the public switched network.

The NECA compilation of data provided by cost companies appears in Tables 4.6 through 4.23. The companies in these tables are listed in alphabetical order by state, and by company name within a state. The data in these tables are revised and supersede the usage data in previous reports.

Tables 4.6 through 4.20 show data for Tier 1 companies. Table 4.6 A gives the number of loops for each year from 1980 through 1988, and Table 4.6 B gives the annual growth rates of these loops for each year from 1981 through 1988. Tables 4.7 A and B present the levels and growth rates of state toll messages.<sup>4</sup> Tables 4.8 A and B show the corresponding data for interstate toll messages. Local dial equipment minutes data are in Table 4.9 A and B, state toll dial equipment minutes data are in Tables 4.10 A and B, interstate toll dial equipment minutes data are in Tables 4.11 A and B, and total dial equipment minutes data are in Tables 4.12 A and B. Tables 4.13 through 4.16 give comparable data for subscriber line usage minutes. Table 4.17 presents SPF factors for each year, Table 4.18 presents SLU factors, Table 4.19 presents DEM factors, and Table 4.20 presents weighted DEM factors.

Tables 4.21 A, B, and C show annual access minutes for all cost companies for the years 1987, 1988, and 1989. Tables 4.22 A, B, and C present the number of loops, messages, and subscriber line usage minutes for non-Tier 1 cost companies for 1987 through 1989. Tables 4.23 A, B, and C present the number of dial equipment minutes and the SLU, SPF, DEM, and weighted or transitional DEM separations factors for non-Tier 1 cost companies for 1987 through 1989.

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3 These are derived from the data in Tables 4.9 through 4.12.

4 Message counts are for all switched calls, including WATS and 800 service.

TABLE 4.1

## NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS  
REPORTED AS OF DECEMBER, 1990

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## HISTORICAL CARRIER COMMON LINE MINUTES OF USE

## TOTAL COMMON LINE POOL

(MOU REPORTED IN MILLIONS)

PERIOD	PREMIUM CCL MOUS			NON PREMIUM CCL MOUS		
	ORIGINATING	TERMINATING	TOTAL	ORIGINATING	TERMINATING	TOTAL
JAN 88	8,122.366	10,175.314	18,297.680	184.472	579.336	763.808
FEB 88	8,089.788	10,222.180	18,311.968	190.472	598.732	789.205
MAR 88	8,809.150	11,192.075	20,001.225	194.184	613.278	807.461
APR 88	8,238.059	10,348.420	18,586.479	163.015	527.468	690.484
MAY 88	8,452.900	10,584.742	19,037.643	201.527	638.981	840.509
JUN 88	8,707.537	10,919.439	19,626.976	188.624	601.341	789.965
JUL 88	8,420.482	10,440.310	18,860.792	176.577	547.943	724.520
AUG 88	9,362.345	11,650.041	21,012.387	187.750	623.275	811.026
SEP 88	8,861.260	11,051.574	19,912.834	183.138	584.182	767.319
OCT 88	9,018.997	11,199.590	20,218.587	176.847	565.082	741.929
NOV 88	9,072.767	11,264.872	20,337.639	171.969	569.861	741.830
DEC 88	9,496.069	11,715.472	21,211.541	171.333	554.287	725.621
JAN 89	9,361.346	11,583.666	20,945.011	159.540	525.293	684.832
FEB 89	9,009.006	11,340.520	20,349.526	147.165	524.693	671.858
MAR 89	10,095.558	12,784.616	22,880.174	175.383	554.886	730.269
APR 89	9,815.664	11,981.880	21,797.544	172.301	505.369	677.670
MAY 89	10,027.775	12,350.236	22,378.011	174.036	507.150	681.186
JUN 89	10,043.804	12,215.844	22,259.648	190.098	510.538	700.635
JUL 89	9,909.421	11,882.861	21,792.282	167.987	470.119	638.106
AUG 89	10,704.061	12,994.780	23,698.841	181.242	512.048	693.290
SEP 89	10,078.301	12,204.838	22,283.139	182.273	466.055	648.328
OCT 89	10,857.650	13,219.883	24,077.533	165.462	467.830	633.292
NOV 89	10,485.741	12,720.132	23,205.873	173.631	478.639	652.270
DEC 89	10,738.547	12,675.388	23,413.934	172.688	429.296	601.984
JAN 90	11,227.894	13,457.921	24,685.815	163.148	438.459	601.607
FEB 90	10,396.776	12,520.360	22,917.136	159.686	415.135	574.821
MAR 90	11,394.066	13,844.654	25,238.721	159.443	458.008	617.451
APR 90	11,015.012	13,367.304	24,382.316	159.743	425.490	585.234
MAY 90	11,417.689	13,808.360	25,226.049	150.417	425.096	575.513
JUN 90	10,991.516	13,345.712	24,337.228	160.921	429.192	590.113
JUL 90	11,309.772	13,801.638	25,111.410	156.681	400.467	557.148
AUG 90	11,721.957	14,440.369	26,162.326	166.885	390.070	556.954
SEP 90	10,931.589	13,499.211	24,430.799	153.397	374.812	528.209
OCT 90	11,563.784	14,295.249	25,859.033	150.958	353.283	504.240

TABLE 4.2

## NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS  
REPORTED AS OF DECEMBER, 1990

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## HISTORICAL CARRIER COMMON LINE MINUTES OF USE

## TIER 1

(MOU REPORTED IN MILLIONS)

PERIOD	PREMIUM CCL MOUS			NON PREMIUM CCL MOUS		
	ORIGINATING	TERMINATING	TOTAL	ORIGINATING	TERMINATING	TOTAL
JAN 88	7,629.618	9,558.691	17,188.310	174.331	547.486	721.817
FEB 88	7,633.402	9,645.334	17,278.737	179.104	562.939	742.043
MAR 88	8,341.354	10,597.902	18,939.256	181.409	572.785	754.194
APR 88	7,765.392	9,754.519	17,519.912	151.536	490.278	641.814
MAY 88	7,967.709	9,976.896	17,944.605	187.243	593.580	780.822
JUN 88	8,224.721	10,314.340	18,539.061	174.554	556.600	731.153
JUL 88	7,912.990	9,810.618	17,723.608	162.164	503.044	665.208
AUG 88	8,837.594	10,997.711	19,835.305	173.249	575.274	748.523
SEP 88	8,346.874	10,409.623	18,756.497	166.917	532.277	699.195
OCT 88	8,500.011	10,554.724	19,054.735	161.619	516.366	677.985
NOV 88	8,550.286	10,615.397	19,165.683	157.613	522.919	680.532
DEC 88	8,932.437	11,020.923	19,953.360	154.961	500.713	655.675
JAN 89	8,816.859	10,910.020	19,726.879	143.314	471.305	614.619
FEB 89	8,489.732	10,686.146	19,175.877	132.166	473.842	606.008
MAR 89	9,564.269	12,111.814	21,676.083	157.700	498.797	656.497
APR 89	9,063.065	11,361.881	20,424.946	131.693	426.544	558.237
MAY 89	9,308.313	11,746.503	21,054.816	132.522	427.496	560.018
JUN 89	9,325.438	11,618.969	20,944.406	139.358	417.467	556.825
JUL 89	9,177.362	11,289.281	20,466.643	121.798	382.025	503.823
AUG 89	9,919.999	12,365.201	22,285.200	129.081	417.131	546.212
SEP 89	9,309.714	11,596.341	20,906.055	122.747	364.610	487.357
OCT 89	10,076.212	12,592.731	22,668.943	110.638	365.747	476.385
NOV 89	9,703.558	12,100.696	21,804.255	119.274	377.451	496.725
DEC 89	9,927.106	12,044.183	21,971.289	115.071	329.668	444.739
JAN 90	10,470.418	12,781.861	23,252.279	114.128	338.543	452.671
FEB 90	9,664.565	11,859.697	21,524.263	103.777	310.768	414.545
MAR 90	10,659.147	13,183.828	23,842.975	109.167	347.085	456.251
APR 90	10,268.225	12,688.407	22,956.632	107.018	317.181	424.198
MAY 90	10,664.204	13,121.670	23,785.874	100.956	321.129	422.085
JUN 90	10,236.963	12,660.545	22,897.508	102.392	308.134	410.526
JUL 90	10,570.930	13,130.248	23,701.179	102.525	284.880	387.405
AUG 90	10,968.854	13,753.019	24,721.873	102.453	263.553	366.005
SEP 90	10,214.190	12,835.123	23,049.313	90.246	239.161	329.406
OCT 90	10,853.573	13,643.789	24,497.362	87.242	223.790	311.032



TABLE 4.3

## NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS  
REPORTED AS OF DECEMBER, 1990

PAGE 1 OF 1

## HISTORICAL CARRIER COMMON LINE MINUTES OF USE

## NON-TIER 1

(MOU REPORTED IN MILLIONS)

PERIOD	PREMIUM CCL MOUS			NON PREMIUM CCL MOUS		
	ORIGINATING	TERMINATING	TOTAL	ORIGINATING	TERMINATING	TOTAL
JAN 88	492.748	616.623	1,109.370	10.141	31.850	41.991
FEB 88	456.386	576.846	1,033.231	11.368	35.793	47.161
MAR 88	467.796	594.173	1,061.969	12.775	40.493	53.268
APR 88	472.667	593.900	1,066.567	11.479	37.190	48.670
MAY 88	485.192	607.846	1,093.038	14.285	45.402	59.686
JUN 88	482.816	605.100	1,087.915	14.071	44.741	58.812
JUL 88	507.493	629.692	1,137.184	14.414	44.898	59.312
AUG 88	524.752	652.330	1,177.082	14.501	48.001	62.502
SEP 88	514.386	641.952	1,156.338	16.220	51.905	68.125
OCT 88	518.986	644.865	1,163.852	15.228	48.716	63.945
NOV 88	522.481	649.475	1,171.956	14.357	46.942	61.298
DEC 88	563.632	694.549	1,258.181	16.372	53.574	69.946
JAN 89	544.106	673.646	1,217.751	16.226	53.988	70.213
FEB 89	519.187	654.397	1,173.584	14.998	50.851	65.849
MAR 89	531.059	672.802	1,203.861	17.683	56.089	73.772
APR 89	752.424	619.998	1,372.421	40.677	79.048	119.725
MAY 89	719.256	603.700	1,322.956	41.578	79.856	121.434
JUN 89	718.124	596.804	1,314.928	50.779	92.688	143.466
JUL 89	731.745	593.448	1,325.193	46.235	88.056	134.291
AUG 89	783.607	629.389	1,412.996	52.204	94.885	147.090
SEP 89	768.259	608.433	1,376.692	59.573	101.443	161.016
OCT 89	781.011	626.991	1,408.003	54.866	101.995	156.862
NOV 89	781.779	619.309	1,401.088	54.399	101.159	155.558
DEC 89	810.919	630.979	1,441.898	57.666	99.574	157.240
JAN 90	756.992	675.863	1,432.855	49.109	99.862	148.971
FEB 90	731.932	660.680	1,392.612	55.998	104.313	160.311
MAR 90	734.443	660.637	1,395.081	50.365	110.863	161.228
APR 90	746.387	678.798	1,425.185	52.814	108.273	161.087
MAY 90	752.995	686.533	1,439.528	49.549	103.809	153.358
JUN 90	754.553	685.166	1,439.719	58.529	121.058	179.587
JUL 90	738.842	671.389	1,410.231	54.156	115.587	169.743
AUG 90	753.103	687.349	1,440.453	64.432	126.517	190.949
SEP 90	717.398	664.088	1,381.486	63.151	135.651	198.802
OCT 90	710.212	651.459	1,361.671	63.716	129.492	193.208

Table 4.4

Average Annualized Growth Rates of Total Fully Reporting  
Tier 1 Company Subscriber Line Usage Minutes

<u>Period</u>	<u>Local SLU</u>	<u>State SLU</u>	<u>Interstate SLU</u>	<u>Total SLU</u>
1980 - 83	2.63%	5.39%	6.31%	3.14%
1983 - 89	2.10%	8.44%	12.04%	3.72%
1980 - 89	2.27%	7.41%	10.10%	3.52%

Table 4.5

Average Annualized Growth Rates of Total Fully Reporting  
Tier 1 Company Dial Equipment Minutes

<u>Period</u>	<u>Local DEM</u>	<u>State DEM</u>	<u>Interstate DEM</u>	<u>Total DEM</u>
1980 - 83	2.59%	5.44%	7.96%	3.25%
1983 - 89	2.12%	9.30%	12.25%	3.89%
1980 - 89	2.28%	8.00%	10.80%	3.68%

TABLE 4.6 A  
NUMBER OF LOOPS  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	88,368	97,635	95,149	95,705	98,051	102,639	108,094	111,752	115,439	120,229
SO CENTRAL BELL-AL	1,145,370	1,175,863	1,197,217	1,219,067	1,233,866	1,247,942	1,270,177	1,343,150	1,420,487	1,456,213
MOUNTAIN BELL - AZ	1,158,019	1,231,914	1,269,108	1,303,714	1,360,252	1,470,491	1,530,985	1,611,957	1,680,537	1,755,743
GTE SOUTHWEST INC-AR	51,401	52,380	53,251	54,828	54,425	56,626	56,901	59,105	61,987	64,552
SOUTHWESTERN BELL-AR	575,072	583,860	588,179	601,235	610,086	634,597	660,625	672,006	677,823	702,622
UTC OF ARKANSAS *	14,015	13,788	13,650	14,148	14,128	14,540	14,817	15,279	16,791	15,843
CONTEL OF CALIFORNIA	173,017	183,092	191,231	198,791	201,996	214,123	226,745	242,769	247,680	273,551
GTC OF CALIFORNIA	2,486,600	2,558,838	2,587,737	2,677,005	2,668,243	2,711,832	2,757,888	2,883,282	3,032,722	3,185,103
PACIFIC BELL	9,842,807	10,207,253	10,363,083	10,858,359	10,982,247	11,248,480	11,265,589	12,063,536	12,659,151	13,237,830
WEST COAST TEL OF CA	7,760	7,957	7,974	7,773	7,805	7,861	8,338	8,841	8,871	10,144
MOUNTAIN BELL-CO	1,322,167	1,404,285	1,453,440	1,512,784	1,546,810	1,654,412	1,639,617	1,681,840	1,723,118	1,782,198
SOUTHERN NEW ENGLAND	1,497,022	1,514,269	1,531,296	1,566,461	1,591,903	1,640,595	1,673,272	1,736,015	1,800,875	1,814,840
DIAMOND STATE TEL	280,663	291,801	298,310	304,143	316,227	333,039	348,315	368,747	379,900	397,689
C & P TEL CO OF WASH	690,591	710,968	721,445	768,414	772,741	779,688	767,536	776,011	792,735	816,235
CENTEL OF FLORIDA	134,195	142,532	149,826	157,870	167,427	175,915	208,188	222,622	239,795	245,726
GTE FLORIDA INC.	1,050,192	1,118,828	1,177,303	1,256,788	1,228,776	1,323,057	1,415,170	1,495,957	1,576,779	1,645,272
SOUTHERN BELL-FL	2,829,927	2,979,190	3,079,630	3,219,165	3,315,937	3,483,583	3,670,545	3,904,478	4,126,291	4,392,785
GTE SOUTH INC. - GA	144,198	152,120	154,055	159,455	156,965	164,987	176,772	181,817	191,453	198,070
SOUTHERN BELL-GA	1,850,232	1,910,876	1,954,918	2,039,633	2,100,729	2,201,464	2,298,014	2,428,057	2,559,501	2,687,971
GTE NORTHWEST INC-ID +	43,149	61,449	64,425	62,296	61,990	63,860	61,925	63,636	66,638	70,252
MOUNTAIN BELL-ID	263,476	272,325	277,740	283,757	293,097	308,059	306,632	312,454	323,016	329,276
PACIFIC NW BELL-ID	19,726	20,361	20,447	21,098	21,572	21,205	21,247	21,756	23,113	23,660
CENTEL OF ILLINOIS #	133,520	137,344	153,002	155,822	155,820	152,510	153,667	164,348	169,498	173,883
GTE NORTH INC. - IL	512,804	532,613	540,468	564,559	542,983	520,758	491,281	520,155	542,576	542,481
ILLINOIS BELL TEL CO	4,604,971	4,670,022	4,617,925	4,645,845	4,651,877	4,692,565	4,774,752	4,857,013	4,992,857	5,160,421
GTE NORTH INC. - IN	473,304	490,959	508,614	526,269	525,505	529,979	536,233	562,939	545,380	566,097
INDIANA BELL TEL CO	1,329,561	1,353,563	1,362,012	1,365,303	1,398,720	1,422,599	1,437,155	1,474,992	1,532,276	1,595,497
UTC OF INDIANA	129,903	132,523	138,625	149,467	155,806	161,067	160,887	167,095	174,215	183,398
GTE NORTH INC. - IA	96,707	100,725	103,002	105,279	101,587	103,017	100,500	102,739	103,503	109,093
NORTHWESTERN BELL-IA	856,051	858,778	863,833	874,246	857,588	853,665	847,150	849,568	870,462	883,257
SOUTHWESTERN BELL-KS	856,086	888,660	899,570	918,238	920,983	957,934	984,123	988,901	999,442	1,031,761
UTC OF KANSAS	56,294	57,466	59,410	60,973	63,368	64,389	61,793	62,991	64,927	66,744
CINCINNATI BELL-KY	113,730	115,171	115,504	116,842	118,425	122,619	124,947	128,716	134,577	139,965
GTE SOUTH INC. - KY	254,424	250,265	257,279	262,292	263,069	272,274	280,874	291,176	299,861	306,773
SO CENTRAL BELL-KY	780,242	789,461	793,336	805,028	809,659	812,130	817,517	863,026	890,771	911,262
SO CENTRAL BELL-LA	1,546,986	1,608,735	1,647,443	1,687,119	1,714,656	1,713,405	1,673,456	1,717,589	1,747,249	1,771,711
NEW ENGLAND TEL-ME	379,630	391,870	399,537	415,306	450,337	465,075	486,965	502,556	527,225	548,815
C & P TEL CO OF MD	2,011,566	2,071,688	2,117,908	2,205,167	2,258,179	2,344,180	2,416,196	2,522,006	2,611,062	2,720,871
NEW ENGLAND TEL-MA	2,736,295	2,812,630	2,871,189	2,944,748	3,055,292	3,154,474	3,259,555	3,299,938	3,436,292	3,523,985
GTE NORTH INC. - MI	388,906	396,801	403,770	416,159	416,283	445,659	445,736	455,914	464,154	477,473
MICHIGAN BELL TEL CO	3,490,749	3,500,074	3,500,565	3,585,286	3,693,626	3,773,520	3,795,775	3,842,013	3,987,789	4,092,371
CENTEL OF MN	53,772	57,346	58,982	59,877	60,396	62,420	65,015	69,689	74,699	77,907
GTE NORTH INC. - MN	3,215	3,400	3,655	3,910	3,296	3,320	3,235	3,249	3,323	3,587
NORTHWESTERN BELL-MN	1,457,039	1,491,412	1,496,756	1,544,983	1,552,452	1,594,600	1,609,810	1,627,491	1,670,119	1,721,195
SO CENTRAL BELL-MS	749,380	773,893	776,472	790,958	794,441	814,629	826,170	878,686	915,468	936,090
GTE NORTH INC. - MO	82,596	85,137	85,862	86,587	87,951	91,378	96,039	98,824	90,508	89,892
SOUTHWESTERN BELL-MO	1,680,526	1,710,647	1,719,644	1,748,978	1,764,890	1,794,176	1,840,935	1,882,503	1,894,098	1,954,042
UTC OF MISSOURI	122,423	128,412	137,259	138,059	148,282	151,587	155,093	165,988	163,386	171,413

TABLE 4.6 A  
NUMBER OF LOOPS  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	5,300	5,417	5,443	5,789	5,719	5,667	5,622	5,959	6,149	6,595
MOUNTAIN BELL-MT	265,668	270,952	276,773	285,990	286,666	296,856	287,191	289,285	293,419	299,739
GTE NORTH INC. - NE	39,059	40,661	41,827	42,993	41,712	41,911	41,001	41,633	42,385	43,658
LINCOLN TEL & TEL CO	195,542	200,183	200,975	204,486	216,610	212,867	215,851	211,496	224,786	225,196
NORTHWESTERN BELL-NE	392,872	403,352	406,195	417,952	417,329	422,022	419,122	424,867	434,258	441,564
CENTEL OF NV	250,090	261,929	267,626	290,893	296,498	291,175	326,396	345,611	376,213	415,234
NEVADA BELL	142,376	152,390	156,515	166,281	161,300	165,232	179,918	189,935	204,035	214,068
NEW ENGLAND TEL-NH	376,113	392,665	410,330	433,567	461,271	486,887	511,442	531,315	558,487	579,475
NEW JERSEY BELL	3,571,728	3,674,826	3,771,470	3,895,832	4,033,932	4,230,412	4,244,897	4,404,097	4,572,349	4,717,148
GTE SOUTHWEST INC-NM	37,586	40,712	41,632	40,137	38,496	38,383	36,090	36,137	36,636	37,281
MOUNTAIN BELL-NM	425,445	443,572	459,208	465,962	476,721	503,433	513,949	534,300	549,498	570,870
CONTEL OF NY, INC	145,063	154,742	164,422	166,277	172,824	185,886	191,782	204,289	217,345	227,735
NEW YORK TEL CO	7,945,771	8,077,393	8,100,967	8,209,546	8,475,345	8,714,363	8,870,620	9,050,106	9,252,023	9,254,089
CAROLINA TEL & TEL	547,839	569,636	589,101	608,028	636,634	660,388	687,094	713,635	747,123	774,201
CENTEL OF NC	143,477	148,871	151,625	154,784	164,363	166,647	172,303	179,565	186,735	195,159
GTE SOUTH INC - NC	97,695	103,270	105,970	111,024	108,434	114,487	119,232	125,919	134,155	140,375
SOUTHERN BELL-NC	1,165,779	1,199,027	1,226,825	1,265,886	1,279,979	1,329,824	1,395,867	1,473,540	1,553,541	1,632,412
NORTHWESTERN BELL-ND	220,218	228,512	230,782	238,350	238,068	240,963	240,827	243,785	247,211	252,081
CENTEL OF OHIO #	53,500	54,539	55,066	54,508	54,112	55,328	55,827	58,913	59,420	60,946
CINCINNATI BELL-OH	550,456	556,120	552,991	560,675	570,617	591,178	590,736	597,859	618,701	633,042
GTE NORTH INC. - OH	510,692	533,278	543,087	550,869	549,163	564,150	580,580	614,984	621,570	637,149
OHIO BELL TEL CO	2,844,059	2,865,767	2,865,272	2,883,636	2,873,579	2,896,694	2,943,631	3,012,953	3,136,238	3,167,669
UTC OF OHIO	312,697	329,239	343,895	355,228	364,774	382,118	394,578	411,468	429,594	443,201
GTE SOUTHWEST INC-OK	75,264	79,383	84,707	89,626	90,270	94,273	92,484	94,373	99,230	102,474
SOUTHWESTERN BELL-OK	1,127,803	1,199,970	1,225,495	1,242,702	1,222,045	1,235,158	1,237,150	1,228,977	1,214,589	1,243,230
GTE NORTHWEST INC-OR	198,484	210,894	208,414	213,791	218,250	225,067	232,553	243,558	257,638	273,781
PACIFIC NW BELL-OR	860,882	880,457	876,693	888,054	894,668	878,716	894,810	920,938	962,041	993,770
UTC OF THE NW - OR	31,901	32,248	32,509	35,798	39,430	39,700	41,980	43,690	46,235	48,863
BELL OF PENNSYLVANIA	4,292,018	4,369,110	4,423,071	4,460,629	4,416,600	4,552,125	4,614,426	4,745,879	4,880,264	5,086,644
GTE NORTH INC. - PA	335,182	343,561	351,621	363,224	367,503	382,672	413,086	446,384	410,788	404,946
UTC OF PENNSYLVANIA	206,171	214,134	222,404	230,994	239,916	248,567	255,524	267,022	278,730	289,942
NEW ENGLAND TEL - RI	425,216	433,160	440,600	455,161	453,381	465,782	482,269	492,045	514,739	529,070
GTE SOUTH INC. - SC	97,382	101,776	104,085	108,416	110,075	116,919	122,008	122,496	129,793	134,344
SOUTHERN BELL-SC	789,114	807,922	817,790	841,291	861,690	889,775	919,735	961,746	1,008,315	1,055,131
UTC OF THE CAROLINAS	47,954	49,431	51,027	53,384	54,851	59,557	60,846	61,318	64,711	67,088
NORTHWESTERN BELL-SD	219,339	224,645	225,465	230,562	231,933	234,386	237,224	241,379	246,878	252,688
GTE SOUTH INC. - TN	40,402	41,334	42,401	43,337	41,997	43,527	44,672	46,585	48,457	50,379
SO. CENTRAL BELL -TN	1,508,855	1,540,351	1,557,567	1,584,566	1,612,504	1,641,296	1,666,546	1,818,572	1,885,165	1,920,035
UNITED INTER-MT-TN	120,941	126,434	130,424	135,911	136,250	149,418	153,290	167,662	161,332	171,314
CENTEL OF TEXAS	68,896	82,432	83,445	91,424	102,152	106,525	113,682	119,821	124,559	128,500
CONTEL OF TEXAS	98,748	100,838	112,786	118,312	124,313	134,720	144,341	149,497	148,020	155,216
GTE SOUTHWEST INC-TX	749,461	810,842	847,762	884,957	892,704	945,910	970,179	1,006,780	1,060,811	1,122,936
SOUTHWESTERN BELL-TX	4,866,813	5,233,382	5,590,678	5,709,867	5,825,224	6,107,770	6,231,456	6,209,116	6,253,586	6,564,780
MOUNTAIN BELL-UT	546,183	569,445	581,509	602,818	610,595	632,886	643,373	659,335	674,417	697,419
NEW ENGLAND TEL-VT	179,076	186,631	194,918	204,631	192,416	224,685	230,847	236,548	248,014	261,722
CENTEL OF VIRGINIA	136,860	145,368	153,745	161,861	157,082	163,129	175,947	194,053	203,716	209,930
C & P TEL CO OF VA	1,738,546	1,800,419	1,848,327	1,955,339	2,017,900	2,114,869	2,193,492	2,310,651	2,402,558	2,499,167
GTE SOUTH INC. - VA	25,731	21,623	27,303	27,115	25,983	26,592	27,464	28,218	28,892	29,684

TABLE 4.6 A  
NUMBER OF LOOPS  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-WA	61,164	64,745	66,945	69,767	71,067	64,343	66,580	68,806	73,214	79,992
GTE NORTHWEST INC-WA	357,782	383,065	349,066	366,589	397,184	425,896	440,306	455,050	460,264	491,390
PACIFIC NW BELL-WA	1,451,414	1,489,503	1,503,316	1,535,614	1,573,514	1,580,824	1,641,224	1,694,212	1,739,290	1,820,485
UTC OF THE NW-WA	35,686	36,186	36,628	38,100	40,649	42,288	44,630	46,425	49,227	51,518
C & P TEL CO OF WV	559,609	570,655	577,737	591,889	611,324	614,200	627,801	643,843	653,816	661,167
GTE SOUTH INC. - WV	53,710	60,109	55,572	56,393	56,108	57,309	58,818	60,761	62,610	63,497
GTE NORTH INC. - WI	269,107	280,447	289,861	299,929	275,521	261,212	276,710	338,944	334,955	332,861
WISCONSIN BELL	1,436,422	1,449,002	1,445,318	1,445,665	1,484,027	1,519,777	1,521,250	1,566,386	1,617,119	1,668,670
MOUNTAIN BELL-WY	190,947	205,012	209,949	210,900	208,557	216,941	204,968	208,675	212,012	212,624
<b>FULLY REPORTING TIER 1</b>	<b>94,010,735</b>	<b>96,952,746</b>	<b>98,618,171</b>	<b>101,317,098</b>	<b>102,952,573</b>	<b>106,026,609</b>	<b>108,038,478</b>	<b>111,896,568</b>	<b>115,688,275</b>	<b>119,629,932</b>
UTC OF FLORIDA	N/A	525,540	569,975	622,733	668,880	725,569	788,130	851,230	922,832	991,922
GTE HAWAIIAN TEL. CO	N/A	N/A	456,754	472,251	458,747	467,493	483,933	503,271	544,748	575,699
UTC OF IOWA *	54,545	54,797	56,111	58,643	61,581	62,775	59,698	60,939	61,775	62,610
UTC OF MINNESOTA	66,037	67,258	68,280	74,474	77,761	79,492	86,373	92,925	96,902	100,558
UTC OF THE WEST-NE	20,662	22,286	22,371	23,024	23,327	23,235	22,757	22,854	23,075	23,399
UNITED TEL - NJ, INC	N/A	82,899	88,701	94,909	101,552	109,515	118,758	127,333	135,362	142,384
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	396,898	407,025	410,548	423,326	437,892	449,906
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	530,191	579,353	624,842	677,098	741,757	785,215
UTC OF TEXAS INC	72,769	74,323	79,630	82,265	79,773	90,159	93,923	95,840	99,259	101,094
CONTEL OF VIRGINIA	N/A	203,910	217,026	225,745	239,805	254,414	263,512	305,808	329,814	350,279
UTC OF THE WEST-WY	4,847	5,227	5,247	5,401	5,403	5,527	5,487	5,633	5,780	5,872
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2,643,918</b>	<b>2,804,557</b>	<b>2,957,961</b>	<b>3,166,257</b>	<b>3,399,196</b>	<b>3,588,938</b>
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	4,364,248	4,551,115	4,649,247	5,147,325	5,215,761	5,429,387
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>109,960,739</b>	<b>113,382,281</b>	<b>115,645,686</b>	<b>120,210,150</b>	<b>124,303,232</b>	<b>128,648,257</b>
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	2,590,000	2,660,000	2,700,000	2,800,000	2,914,715	2,922,043
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>112,550,739</b>	<b>116,042,281</b>	<b>118,345,686</b>	<b>123,010,150</b>	<b>127,217,947</b>	<b>131,570,300</b>

ESTIMATED COMBINED LOOP COUNTS WERE DEVELOPED BACK TO 1988 FOR GTE PENNSYLVANIA BY COMBINING STUDY AREAS AND RETRACKING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

+ 1982 DATA ESTIMATED

TABLE 4.6 B  
NUMBER OF LOOPS  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	10.49%	-2.55%	0.58%	2.45%	4.68%	5.31%	3.38%	3.30%	4.15%
SO CENTRAL BELL-AL	2.66%	1.82%	1.83%	1.21%	1.14%	1.78%	5.75%	5.76%	2.52%
MOUNTAIN BELL - AZ	6.38%	3.02%	2.73%	4.34%	8.10%	4.11%	5.29%	4.25%	4.48%
GTE SOUTHWEST INC-AR	1.90%	1.66%	2.96%	-0.74%	4.04%	0.49%	3.87%	4.88%	4.14%
SOUTHWESTERN BELL-AR	1.53%	0.74%	2.22%	1.47%	4.02%	4.10%	1.72%	0.87%	3.66%
UTC OF ARKANSAS *	-1.62%	-1.00%	3.65%	-0.14%	2.92%	1.91%	3.12%	9.90%	-5.65%
CONTEL OF CALIFORNIA	5.82%	4.45%	3.95%	1.61%	6.00%	5.89%	7.07%	2.02%	10.45%
GTC OF CALIFORNIA	2.91%	1.13%	3.45%	-0.33%	1.63%	1.70%	4.55%	5.18%	5.02%
PACIFIC BELL	3.70%	1.53%	4.78%	1.14%	2.42%	0.15%	7.08%	4.94%	4.57%
WEST COAST TEL OF CA	2.54%	0.21%	-2.52%	0.41%	0.72%	6.07%	6.03%	0.34%	14.35%
MOUNTAIN BELL-CO	6.21%	3.50%	4.08%	2.25%	6.96%	-0.89%	2.58%	2.45%	3.43%
SOUTHERN NEW ENGLAND	1.15%	1.12%	2.30%	1.62%	3.06%	1.99%	3.75%	3.74%	0.78%
DIAMOND STATE TEL	3.97%	2.23%	1.96%	3.97%	5.32%	4.59%	5.87%	3.02%	4.68%
C & P TEL CO OF WASH	2.95%	1.47%	6.51%	0.56%	0.90%	-1.56%	1.10%	2.16%	2.96%
CENTEL OF FLORIDA	6.21%	5.12%	5.37%	6.05%	5.07%	18.35%	6.93%	7.71%	2.47%
GTE FLORIDA INC.	6.54%	5.23%	6.75%	-2.23%	7.67%	6.96%	5.71%	5.40%	4.34%
SOUTHERN BELL-FL	5.27%	3.37%	4.53%	3.01%	5.06%	5.37%	6.37%	5.68%	6.46%
GTE SOUTH INC. - GA	5.49%	1.27%	3.51%	-1.56%	5.11%	7.14%	2.85%	5.30%	3.46%
SOUTHERN BELL-GA	3.28%	2.30%	4.33%	3.00%	4.80%	4.39%	5.66%	5.41%	5.02%
GTE NORTHWEST INC-ID +	42.41%	4.84%	-3.30%	-0.49%	3.02%	-3.03%	2.76%	4.72%	5.42%
MOUNTAIN BELL-ID	3.36%	1.99%	2.17%	3.29%	5.10%	-0.46%	1.90%	3.38%	1.94%
PACIFIC NW BELL-ID	3.22%	0.42%	3.18%	2.25%	-1.70%	0.20%	2.40%	6.24%	2.37%
CENTEL OF ILLINOIS #	2.86%	11.40%	1.84%	0.00%	-2.12%	0.76%	6.95%	3.13%	2.59%
GTE NORTH INC. - IL	3.86%	1.47%	4.46%	-3.82%	-4.09%	-5.66%	5.88%	4.31%	-0.02%
ILLINOIS BELL TEL CO	1.41%	-1.12%	0.60%	0.13%	0.87%	1.75%	1.72%	2.80%	3.36%
GTE NORTH INC. - IN	3.73%	3.60%	3.47%	-0.15%	0.85%	1.18%	4.98%	-3.12%	3.80%
INDIANA BELL TEL CO	1.81%	0.62%	0.24%	2.45%	1.71%	1.02%	2.63%	3.88%	4.13%
UTC OF INDIANA	2.02%	4.60%	7.82%	4.24%	3.38%	-0.11%	3.86%	4.26%	5.27%
GTE NORTH INC. - IA	4.15%	2.26%	2.21%	-3.51%	1.41%	-2.44%	2.23%	0.74%	5.40%
NORTHWESTERN BELL-IA	0.32%	0.59%	1.21%	-1.91%	-0.46%	-0.76%	0.29%	2.46%	1.47%
SOUTHWESTERN BELL-KS	3.80%	1.23%	2.08%	0.30%	4.01%	2.73%	0.49%	1.07%	3.23%
UTC OF KANSAS	2.08%	3.38%	2.63%	3.93%	1.61%	-4.03%	1.94%	3.07%	2.80%
CINCINNATI BELL-KY	1.27%	0.29%	1.16%	1.35%	3.54%	1.90%	3.02%	4.55%	4.00%
GTE SOUTH INC. - KY	-1.63%	2.80%	1.95%	0.30%	3.50%	3.16%	3.67%	2.98%	2.31%
SO CENTRAL BELL-KY	1.18%	0.49%	1.47%	0.58%	0.31%	0.66%	5.57%	3.21%	2.30%
SO CENTRAL BELL-LA	3.99%	2.41%	2.41%	1.63%	-0.07%	-2.33%	2.64%	1.73%	1.40%
NEW ENGLAND TEL-ME	3.22%	1.96%	3.95%	8.43%	3.27%	4.71%	3.20%	4.91%	4.10%
C & P TEL CO OF MD	2.99%	2.23%	4.12%	2.40%	3.81%	3.07%	4.38%	3.53%	4.21%
NEW ENGLAND TEL-MA	2.79%	2.08%	2.56%	3.75%	3.25%	3.33%	1.24%	4.13%	2.55%
GTE NORTH INC. - MI	2.03%	1.76%	3.07%	0.03%	7.06%	0.02%	2.28%	1.81%	2.87%
MICHIGAN BELL TEL CO	0.27%	0.01%	2.42%	3.02%	2.16%	0.59%	1.22%	3.79%	2.62%
CENTEL OF MN	6.65%	2.85%	1.52%	0.87%	3.35%	4.16%	7.19%	7.19%	4.29%
GTE NORTH INC. - MN	5.75%	7.50%	6.98%	-15.70%	0.73%	-2.56%	0.43%	2.28%	7.94%
NORTHWESTERN BELL-MN	2.36%	0.36%	3.22%	0.48%	2.71%	0.95%	1.10%	2.62%	3.06%
SO CENTRAL BELL-MS	3.27%	0.33%	1.87%	0.44%	2.54%	1.42%	6.36%	4.19%	2.25%
GTE NORTH INC. - MO	3.08%	0.85%	0.84%	1.58%	3.90%	5.10%	2.90%	-8.41%	-0.68%
SOUTHWESTERN BELL-MO	1.79%	0.53%	1.71%	0.91%	1.66%	2.61%	2.26%	0.62%	3.16%

TABLE 4.6 B  
NUMBER OF LOOPS  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	4.89%	6.89%	0.58%	7.40%	2.23%	2.31%	7.02%	-1.57%	4.91%
GTE NORTHWEST INC-MT	2.21%	0.48%	6.36%	-1.21%	-0.91%	-0.79%	5.99%	3.19%	7.25%
MOUNTAIN BELL-MT	1.99%	2.15%	3.33%	0.24%	3.55%	-3.26%	0.73%	1.43%	2.15%
GTE NORTH INC. - NE	4.10%	2.87%	2.79%	-2.98%	0.48%	-2.17%	1.54%	1.81%	3.00%
LINCOLN TEL & TEL CO	2.37%	0.40%	1.75%	5.93%	-1.73%	1.40%	-2.02%	6.28%	0.18%
NORTHWESTERN BELL-NE	2.67%	0.70%	2.89%	-0.15%	1.12%	-0.69%	1.37%	2.21%	1.68%
CENDEL OF NV	4.73%	2.18%	8.69%	1.93%	-1.80%	12.10%	5.89%	8.85%	10.37%
NEVADA BELL	7.03%	2.71%	6.24%	-3.00%	2.44%	8.89%	5.57%	7.42%	4.92%
NEW ENGLAND TEL-NH	4.40%	4.50%	5.66%	6.39%	5.55%	5.04%	3.89%	5.11%	3.76%
NEW JERSEY BELL	2.89%	2.63%	3.30%	3.54%	4.87%	0.34%	3.75%	3.82%	3.17%
GTE SOUTHWEST INC-NM	8.32%	2.26%	-3.59%	-4.09%	-0.29%	-5.97%	0.13%	1.38%	1.76%
MOUNTAIN BELL-NM	4.26%	3.53%	1.47%	2.31%	5.60%	2.09%	3.96%	2.84%	3.89%
CONTEL OF NY, INC	6.67%	6.26%	1.13%	3.94%	7.56%	3.17%	6.52%	6.39%	4.78%
NEW YORK TEL CO	1.66%	0.29%	1.34%	3.24%	2.82%	1.79%	2.02%	2.23%	0.02%
CAROLINA TEL & TEL	3.98%	3.42%	3.21%	4.70%	3.73%	4.04%	3.86%	4.69%	3.62%
CENDEL OF NC	3.76%	1.85%	2.08%	6.19%	1.39%	3.39%	4.21%	3.99%	4.51%
GTE SOUTH INC - NC	5.71%	2.61%	4.77%	-2.33%	5.58%	4.14%	5.61%	6.54%	4.64%
SOUTHERN BELL-NC	2.85%	2.32%	3.18%	1.11%	3.89%	4.97%	5.56%	5.43%	5.08%
NORTHWESTERN BELL-ND	3.77%	0.99%	3.28%	-0.12%	1.22%	-0.06%	1.23%	1.41%	1.97%
CENDEL OF OHIO #	1.94%	0.97%	-1.01%	-0.73%	2.25%	0.90%	5.53%	0.86%	2.57%
CINCINNATI BELL-OH	1.03%	-0.56%	1.39%	1.77%	3.60%	-0.07%	1.21%	3.49%	2.32%
GTE NORTH INC. - OH	4.42%	1.84%	1.43%	-0.31%	2.73%	2.91%	5.93%	1.07%	2.51%
OHIO BELL TEL CO	0.76%	-0.02%	0.64%	-0.35%	0.80%	1.62%	2.35%	4.09%	1.00%
UTC OF OHIO	5.29%	4.45%	3.30%	2.69%	4.75%	3.26%	4.28%	4.41%	3.17%
GTE SOUTHWEST INC-OK	5.47%	6.71%	5.81%	0.72%	4.43%	-1.90%	2.04%	5.15%	3.27%
SOUTHWESTERN BELL-OK	6.40%	2.13%	1.40%	-1.66%	1.07%	0.16%	-0.66%	-1.17%	2.36%
GTE NORTHWEST INC-OR	6.25%	-1.18%	2.58%	2.09%	3.12%	3.33%	4.73%	5.78%	6.27%
PACIFIC NW BELL-OR	2.27%	-0.43%	1.30%	0.74%	-1.78%	1.83%	2.92%	4.46%	3.30%
UTC OF THE NW - OR	1.09%	0.81%	10.12%	10.15%	0.68%	5.74%	4.07%	5.83%	5.68%
BELL OF PENNSYLVANIA	1.80%	1.24%	0.85%	-0.99%	3.07%	1.37%	2.85%	2.83%	4.23%
GTE NORTH INC. - PA	2.50%	2.35%	3.30%	1.18%	4.13%	7.95%	8.06%	-7.97%	-1.42%
UTC OF PENNSYLVANIA	3.86%	3.86%	3.86%	3.86%	3.61%	2.80%	4.50%	4.38%	4.02%
NEW ENGLAND TEL - RI	1.87%	1.72%	3.30%	-0.39%	2.74%	3.54%	2.03%	4.61%	2.78%
GTE SOUTH INC. - SC	4.51%	2.27%	4.16%	1.53%	6.22%	4.35%	0.40%	5.96%	3.51%
SOUTHERN BELL-SC	2.38%	1.22%	2.87%	2.42%	3.26%	3.37%	4.57%	4.84%	4.64%
UTC OF THE CAROLINAS	3.08%	3.23%	4.62%	2.75%	8.58%	2.16%	0.78%	5.53%	3.67%
NORTHWESTERN BELL-SD	2.42%	0.37%	2.26%	0.59%	1.06%	1.21%	1.75%	2.28%	2.35%
GTE SOUTH INC. - TN	2.31%	2.58%	2.21%	-3.09%	3.64%	2.63%	4.28%	4.02%	3.97%
SO. CENTRAL BELL -TN	2.09%	1.12%	1.73%	1.76%	1.79%	1.54%	9.12%	3.66%	1.85%
UNITED INTER-MT-TN	4.54%	3.16%	4.21%	0.25%	9.66%	2.59%	2.85%	2.33%	6.19%
CENDEL OF TEXAS	19.65%	1.23%	9.56%	11.73%	4.28%	6.72%	5.40%	3.95%	3.16%
CONTEL OF TEXAS	2.12%	11.85%	4.90%	5.07%	8.37%	7.14%	3.57%	-0.99%	4.86%
GTE SOUTHWEST INC-TX	8.19%	4.55%	4.39%	0.88%	5.96%	2.57%	3.77%	5.37%	5.86%
SOUTHWESTERN BELL-TX	7.53%	6.83%	2.13%	2.02%	4.85%	2.03%	-0.36%	0.72%	4.98%
MOUNTAIN BELL-UT	4.26%	2.12%	3.66%	1.29%	3.65%	1.66%	2.48%	2.29%	3.41%
NEW ENGLAND TEL-VT	4.22%	4.44%	4.98%	-5.97%	16.77%	2.74%	2.47%	4.85%	5.53%
CENDEL OF VIRGINIA	6.22%	5.76%	5.28%	-2.95%	3.85%	7.86%	10.29%	4.98%	3.05%

TABLE 4.6 B  
NUMBER OF LOOPS  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	3.56%	2.66%	5.79%	3.20%	4.81%	3.72%	5.34%	3.98%	4.02%
GTE SOUTH INC. - VA	-15.97%	26.27%	-0.69%	-4.17%	2.34%	3.28%	2.75%	2.39%	2.74%
UNITED INTER-MT-VA	5.85%	3.40%	4.22%	1.86%	-9.46%	3.48%	3.34%	6.41%	9.26%
GTE NORTHWEST INC-WA	7.07%	-8.88%	5.02%	8.35%	7.23%	3.38%	3.35%	1.15%	6.76%
PACIFIC NW BELL-WA	2.62%	0.93%	2.15%	2.47%	0.46%	3.82%	3.23%	2.66%	4.67%
UTC OF THE NW-WA	1.40%	1.22%	4.02%	6.69%	4.03%	5.54%	4.02%	6.04%	4.65%
C & P TEL CO OF WV	1.97%	1.24%	2.45%	3.28%	0.47%	2.21%	2.56%	1.55%	1.12%
GTE SOUTH INC. - WV	11.91%	-7.55%	1.48%	-0.51%	2.14%	2.63%	3.30%	3.04%	1.42%
GTE NORTH INC. - WI	4.21%	3.36%	3.47%	-8.14%	-5.19%	5.93%	22.49%	-1.18%	-0.63%
WISCONSIN BELL	0.88%	-0.25%	0.02%	2.65%	2.41%	0.10%	2.97%	3.24%	3.19%
MOUNTAIN BELL-WY	7.37%	2.41%	0.45%	-1.11%	4.02%	-5.52%	1.81%	1.60%	0.29%
FULLY REPORTING TIER 1	3.13%	1.72%	2.74%	1.61%	2.99%	1.90%	3.57%	3.39%	3.41%
UTC OF FLORIDA	N/A	8.46%	9.26%	7.41%	8.48%	8.62%	8.01%	8.41%	7.49%
GTE HAWAIIAN TEL. CO	N/A	N/A	3.39%	-2.86%	1.91%	3.52%	4.00%	8.24%	5.68%
UTC OF IOWA *	0.46%	2.40%	4.51%	5.01%	1.94%	-4.90%	2.08%	1.37%	1.35%
UTC OF MINNESOTA	1.85%	1.52%	9.07%	4.41%	2.23%	8.66%	7.59%	4.28%	3.77%
UTC OF THE WEST-NE	7.86%	0.38%	2.92%	1.32%	-0.39%	-2.06%	0.43%	0.97%	1.40%
UNITED TEL - NJ, INC	N/A	7.00%	7.00%	7.00%	7.84%	8.44%	7.22%	6.31%	5.19%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	2.55%	0.87%	3.11%	3.44%	2.74%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	9.27%	7.85%	8.36%	9.55%	5.86%
UTC OF TEXAS INC	2.14%	7.14%	3.31%	-3.03%	13.02%	4.17%	2.04%	3.57%	1.85%
CONTEL OF VIRGINIA	N/A	6.43%	4.02%	6.23%	6.09%	3.58%	16.05%	7.85%	6.21%
UTC OF THE WEST-WY	7.84%	0.38%	2.94%	0.04%	2.30%	-0.72%	2.66%	2.61%	1.59%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	6.08%	5.47%	7.04%	7.36%	5.58%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	4.28%	2.16%	10.71%	1.33%	4.10%
TOTAL COST CO.	N/A	N/A	N/A	N/A	3.11%	2.00%	3.95%	3.40%	3.50%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	2.70%	1.50%	3.70%	4.10%	0.25%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	3.10%	1.98%	3.94%	3.42%	3.42%

ESTIMATED COMBINED LOOP COUNTS WERE DEVELOPED BACK TO 1980 FOR GTE PENNSYLVANIA BY COMBINING STUDY AREAS AND RETRACKING DATA

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

+ 1982 DATA ESTIMATED



TABLE 4.7 A  
STATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	12,422	13,444	14,663	16,324	17,492	19,320	20,716	23,107	25,230	28,589
SO CENTRAL BELL-AL	110,801	118,190	125,545	133,237	144,664	152,769	162,611	173,205	175,322	194,597
MOUNTAIN BELL - AZ	75,629	83,544	88,030	91,183	109,042	126,557	162,638	181,071	147,399	145,488
GTE SOUTHWEST INC-AR	10,052	10,521	10,756	11,609	11,933	13,188	13,531	14,675	16,124	17,488
SOUTHWESTERN BELL-AR	89,544	94,913	98,845	103,809	107,942	108,505	132,747	141,325	134,357	149,743
UTC OF ARKANSAS *	3,105	3,131	3,157	3,241	3,265	3,592	3,724	4,025	4,387	4,515
CONTEL OF CALIFORNIA	47,213	51,901	55,039	58,896	64,593	71,038	76,003	80,639	89,784	102,581
GTC OF CALIFORNIA	630,696	684,585	737,105	797,697	860,772	928,834	986,921	1,169,103	1,264,587	1,429,678
PACIFIC BELL	2,242,132	2,438,270	2,576,616	2,868,243	3,282,288	3,559,774	3,885,138	4,275,951	4,588,887	4,900,509
WEST COAST TEL OF CA	1,512	1,552	1,486	1,521	1,532	1,604	1,868	2,064	2,501	2,628
MOUNTAIN BELL-CO	120,459	137,461	147,192	155,771	188,940	221,372	237,279	264,492	204,398	212,224
SOUTHERN NEW ENGLAND	262,309	279,410	300,034	323,208	357,784	388,524	425,499	470,457	518,659	548,602
DIAMOND STATE TEL	10,459	11,160	12,217	14,207	15,147	16,850	19,305	21,660	25,149	28,403
C & P TEL CO OF WASH	0	0	0	0	0	0	0	0	0	0
CENDEL OF FLORIDA	12,916	15,537	17,759	19,821	22,058	24,769	31,239	30,213	38,635	43,572
GTE FLORIDA INC.	93,811	105,933	116,290	126,411	140,830	166,051	189,601	237,950	302,360	334,343
SOUTHERN BELL-FL	300,709	337,594	372,629	411,034	466,770	519,937	582,835	606,635	634,429	706,937
GTE SOUTH INC.- GA	24,236	26,216	27,996	30,567	33,120	37,694	42,365	46,856	51,669	56,027
SOUTHERN BELL-GA	163,344	177,461	192,781	208,652	238,922	261,524	285,316	312,505	339,172	351,832
GTE NORTHWEST INC-ID	7,607	7,935	8,072	8,879	9,767	10,156	10,361	10,598	10,578	11,146
MOUNTAIN BELL-ID	39,108	40,836	41,568	44,207	49,125	56,063	56,070	57,336	53,223	54,508
PACIFIC NW BELL-ID	2,770	2,782	2,855	3,020	3,140	3,180	3,322	3,350	3,581	3,715
CENDEL OF ILLINOIS #	17,610	18,344	19,089	18,769	19,721	21,569	22,659	25,133	29,495	30,032
GTE NORTH INC. - IL	98,276	113,017	117,756	121,187	129,574	129,421	136,292	143,161	169,152	184,924
ILLINOIS BELL TEL CO	272,655	282,685	289,531	310,642	355,225	371,919	384,258	344,511	338,891	380,918
GTE NORTH INC. - IN	55,329	60,386	63,684	67,197	72,885	78,072	81,200	93,220	105,146	114,455
INDIANA BELL TEL CO	123,854	130,536	138,296	147,354	166,274	182,430	196,299	215,481	236,799	252,061
UTC OF INDIANA	23,872	26,585	28,141	29,990	32,900	35,848	38,153	41,279	46,721	52,133
GTE NORTH INC. - IA	21,698	22,566	24,155	25,957	25,800	26,316	27,048	29,026	31,846	32,867
NORTHWESTERN BELL-IA	118,544	124,222	129,627	133,058	133,094	136,042	141,639	147,656	149,223	149,692
SOUTHWESTERN BELL-KS	109,304	121,610	125,049	131,358	128,806	129,671	158,941	168,590	145,846	162,470
UTC OF KANSAS	13,237	13,561	13,952	15,710	15,610	16,054	15,813	16,387	17,469	18,493
CINCINNATI BELL-KY	3,934	4,017	4,154	4,274	5,378	6,017	6,550	7,915	9,326	11,408
GTE SOUTH INC. - KY	22,733	26,777	31,384	33,487	35,473	38,394	42,447	49,622	52,011	57,526
SO CENTRAL BELL-KY	78,058	81,081	84,142	88,712	93,901	95,318	99,157	107,054	108,332	121,171
SO CENTRAL BELL-LA	190,320	215,891	234,777	240,749	255,502	258,979	260,833	265,706	264,126	288,227
NEW ENGLAND TEL-ME	67,748	69,758	75,426	80,806	84,762	94,855	104,858	122,527	162,853	174,279
C & P TEL CO OF MD	109,733	118,060	123,822	130,494	139,311	160,842	179,851	210,487	231,980	243,401
NEW ENGLAND TEL-MA	432,947	477,280	518,493	532,446	575,371	682,901	761,834	915,167	1,214,629	1,248,200
GTE NORTH INC. - MI	103,151	97,548	107,614	110,534	116,589	126,339	133,561	145,779	159,919	173,663
MICHIGAN BELL TEL CO	518,760	544,706	551,354	581,785	647,905	759,201	884,357	919,802	1,004,470	1,116,662
CENDEL OF MN	7,691	8,258	8,900	9,713	9,716	10,403	10,820	12,481	12,967	13,352
GTE NORTH INC. - MN	754	808	874	956	819	818	848	896	980	1,071
NORTHWESTERN BELL-MN	109,728	117,437	123,878	131,494	140,762	159,870	169,700	178,595	183,643	182,208
SO CENTRAL BELL-MS	104,000	108,876	114,831	119,592	124,561	131,151	136,644	151,840	152,921	164,310
GTE NORTH INC. - MO	13,819	14,661	14,912	15,619	15,650	17,637	18,931	20,645	22,109	23,885
SOUTHWESTERN BELL-MO	154,438	158,667	148,174	161,127	173,232	174,166	231,295	244,911	214,571	240,732
UTC OF MISSOURI	27,962	29,559	30,620	31,284	33,192	36,322	37,883	42,227	46,952	48,344

TABLE 4.7 A  
STATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	702	726	720	765	787	814	851	883	912	1,029
MOUNTAIN BELL-MT	42,001	44,217	45,732	48,786	52,310	52,519	57,475	57,095	59,146	58,656
GTE NORTH INC. - NE	7,187	7,631	8,236	8,854	9,136	9,029	9,146	9,701	10,169	10,422
LINCOLN TEL & TEL CO	26,433	27,928	30,737	32,835	34,623	35,679	36,857	39,291	41,220	42,956
NORTHWESTERN BELL-NE	38,856	41,098	43,703	46,417	54,682	47,566	48,929	51,318	50,877	53,524
CENTEL OF NV	2,962	3,264	3,517	4,320	4,421	4,982	5,818	6,411	9,636	11,283
NEVADA BELL	7,550	8,647	9,010	9,828	11,960	12,726	12,716	14,354	17,783	26,900
NEW ENGLAND TEL-NH	59,304	60,118	65,734	71,612	76,421	92,446	106,295	125,362	147,163	154,882
NEW JERSEY BELL	1,035,320	1,104,672	1,192,899	1,313,819	1,456,241	1,575,418	1,761,152	1,995,265	2,134,756	2,275,577
GTE SOUTHWEST INC-NM	3,257	3,905	4,317	4,289	4,811	5,036	4,516	4,673	4,929	5,229
MOUNTAIN BELL-NM	39,653	42,926	46,537	48,368	57,045	59,802	61,927	66,514	63,004	64,762
CONTEL OF NY, INC	33,641	35,965	38,290	40,947	44,799	48,851	55,842	66,197	63,789	68,727
NEW YORK TEL CO	453,729	484,264	517,200	562,799	568,430	614,782	713,801	744,324	746,466	806,541
CAROLINA TEL & TEL	83,257	88,223	92,368	102,056	113,363	128,763	144,501	157,414	175,569	194,173
CENTEL OF NC	20,365	22,016	23,490	25,500	30,126	29,857	31,834	35,980	41,469	44,846
GTE SOUTH INC - NC	12,812	13,579	15,475	17,890	20,435	22,796	26,461	30,777	35,328	30,080
SOUTHERN BELL-NC	154,527	168,499	184,348	201,302	222,376	240,110	271,384	273,986	319,058	348,354
NORTHWESTERN BELL-ND	28,266	30,600	32,220	33,322	35,397	38,783	37,893	37,018	38,308	37,214
CENTEL OF OHIO #	7,693	8,098	8,528	8,214	8,447	9,478	10,410	12,412	14,525	14,250
CINCINNATI BELL-OH	28,205	29,501	30,586	31,690	40,327	44,668	48,892	58,405	62,304	67,567
GTE NORTH INC. - OH	105,804	110,837	103,361	104,644	110,252	118,946	127,505	147,031	163,177	172,514
OHIO BELL TEL CO	282,439	304,738	316,895	314,373	342,587	369,083	367,454	473,399	492,176	643,423
UTC OF OHIO	65,411	69,998	72,551	75,896	82,039	89,415	93,861	101,217	112,660	117,157
GTE SOUTHWEST INC-OK	16,561	18,811	20,343	21,630	21,872	22,979	22,772	23,882	25,080	26,406
SOUTHWESTERN BELL-OK	165,212	173,356	207,881	212,444	208,572	210,380	232,630	227,950	211,852	219,089
GTE NORTHWEST INC-OR	34,288	36,308	37,321	38,441	39,594	40,799	42,612	46,609	51,451	57,138
PACIFIC NW BELL-OR	128,006	129,959	139,257	142,880	147,716	160,470	167,170	175,478	180,266	188,375
UTC OF THE NW - OR	10,424	10,778	10,690	11,155	11,357	13,101	12,343	12,739	14,858	16,241
BELL OF PENNSYLVANIA	456,028	488,850	519,156	555,899	630,146	689,776	762,225	840,905	924,522	975,553
GTE NORTH INC. - PA	45,923	48,311	52,134	54,324	59,190	63,460	67,850	74,709	74,651	80,910
UTC OF PENNSYLVANIA	38,013	41,039	42,972	46,050	55,070	59,196	66,590	72,888	78,831	86,387
NEW ENGLAND TEL - RI	29,116	33,566	38,015	39,464	41,522	48,099	50,647	56,152	61,421	65,847
GTE SOUTH INC. - SC	14,187	14,671	15,757	17,301	19,151	20,868	22,893	24,581	27,824	27,233
SOUTHERN BELL-SC	79,287	86,116	90,064	94,437	103,413	106,321	112,753	118,258	133,879	158,160
UTC OF THE CAROLINAS	5,929	6,372	6,714	7,268	8,007	8,725	9,783	10,664	12,278	13,869
NORTHWESTERN BELL-SD	27,792	29,388	31,153	32,651	34,491	37,830	37,438	38,627	40,386	40,643
GTE SOUTH INC. - TN	4,996	4,946	5,792	6,902	7,357	8,053	8,659	9,594	10,851	12,030
SO. CENTRAL BELL - TN	141,499	150,893	161,604	169,690	184,346	193,423	212,191	235,364	260,158	286,349
UNITED INTER-MT-TN	12,245	13,644	14,520	15,647	16,724	18,530	23,742	28,306	31,845	33,775
CENTEL OF TEXAS	13,109	15,235	18,847	19,425	20,006	21,879	22,302	26,157	26,889	29,380
CONTEL OF TEXAS	26,995	32,268	38,414	40,695	43,979	49,506	52,365	56,402	58,773	60,573
GTE SOUTHWEST INC-TX	133,519	154,415	165,858	175,938	184,343	201,244	214,866	239,089	254,341	276,172
SOUTHWESTERN BELL-TX	636,804	719,876	796,879	804,606	827,782	887,735	1,039,684	1,100,636	1,027,107	1,160,626
MOUNTAIN BELL-UT	62,490	68,125	66,781	67,851	74,507	85,979	90,601	99,631	90,659	96,047
NEW ENGLAND TEL-VT	28,084	30,570	32,793	26,669	38,344	39,234	42,715	47,973	60,938	64,354
CENTEL OF VIRGINIA	20,905	23,229	24,978	26,235	27,285	28,304	28,891	34,649	40,656	45,733
C & P TEL CO OF VA	148,976	159,475	168,774	177,761	192,495	222,706	231,345	248,708	268,367	305,093
GTE SOUTH INC. - VA	3,432	3,775	3,930	4,078	4,023	4,495	4,696	5,083	5,478	6,019

TABLE 4.7 A  
STATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	6,607	7,166	7,467	7,625	8,092	8,821	9,825	10,823	12,112	13,934
GTE NORTHWEST INC-WA	53,421	56,744	60,419	66,460	74,435	80,415	86,688	95,969	112,594	126,241
PACIFIC NW BELL-WA	175,196	191,149	201,212	218,482	258,064	272,452	274,626	305,516	314,763	327,006
UTC OF THE NW-WA	11,484	11,962	12,551	13,279	13,301	14,497	14,704	16,525	19,136	20,467
C & P TEL CO OF WV	71,102	73,072	76,351	78,175	82,111	90,370	90,483	94,413	91,229	89,980
GTE SOUTH INC. - WV	7,058	7,379	7,665	7,906	8,386	9,121	9,396	10,200	10,707	10,641
GTE NORTH INC. - WI	51,107	54,130	55,983	59,094	64,360	70,581	72,121	79,839	90,760	97,982
WISCONSIN BELL	147,553	154,678	164,387	173,389	181,098	208,485	211,401	234,240	286,980	310,193
MOUNTAIN BELL-WY	29,931	28,277	28,625	27,636	29,641	33,183	32,246	31,664	29,414	30,236
FULLY REPORTING TIER 1	12,437,643	13,419,257	14,285,009	15,275,843	16,762,934	18,254,421	20,027,735	21,990,564	23,488,290	25,422,358
UTC OF FLORIDA	60,081	67,986	77,224	90,133	107,163	117,682	132,690	147,942	168,440	192,701
GTE HAWAIIAN TEL. CO	N/A	N/A	14,758	18,091	22,686	24,136	23,966	24,473	27,982	31,135
UTC OF IOWA *	N/A	11,825	12,692	12,782	13,434	14,347	14,570	16,146	17,175	17,585
UTC OF MINNESOTA	N/A	10,899	11,917	12,773	13,136	15,124	15,648	17,430	19,276	20,642
UTC OF THE WEST-NE	N/A	1,853	1,973	2,072	2,098	2,280	2,326	2,328	2,466	2,427
UNITED TEL - NJ, INC	N/A	35,279	37,902	41,415	50,000	56,315	64,204	73,356	79,980	86,897
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	48,297	49,378	51,072	51,832	54,672	55,981
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	70,344	86,851	104,093	130,545	178,878	168,135
UTC OF TEXAS INC	N/A	N/A	22,833	25,465	28,751	30,972	33,775	35,610	37,430	40,278
CONTEL OF VIRGINIA	N/A	39,140	42,912	44,906	50,035	56,146	67,292	72,522	73,628	75,872
UTC OF THE WEST-WY	N/A	545	566	607	649	691	709	702	702	715
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	406,593	453,922	510,346	572,886	660,630	692,368
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	871,400	1,026,400	1,168,200	1,275,329	1,406,726	1,512,893
TOTAL COST CO.	N/A	N/A	N/A	N/A	18,040,927	19,734,743	21,706,281	23,838,779	25,555,647	27,627,619
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	314,000	369,600	448,400	519,000	678,908	708,943
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	18,354,927	20,104,343	22,154,681	24,357,779	26,234,555	28,336,562

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.7 B  
STATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	8.23%	9.07%	11.33%	7.16%	10.45%	7.23%	11.54%	9.19%	13.31%
SO CENTRAL BELL-AL	6.67%	6.22%	6.13%	8.58%	5.60%	6.44%	6.52%	1.22%	10.99%
MOUNTAIN BELL - AZ	10.47%	5.37%	3.58%	19.59%	16.06%	28.51%	11.33%	-18.60%	-1.30%
GTE SOUTHWEST INC-AR	4.67%	2.23%	7.93%	2.79%	10.52%	2.60%	8.45%	9.87%	8.46%
SOUTHWESTERN BELL-AR	6.00%	4.14%	5.02%	3.98%	0.52%	22.34%	6.46%	-4.93%	11.45%
UTC OF ARKANSAS *	0.84%	0.84%	2.63%	0.76%	10.00%	3.69%	8.08%	8.99%	2.93%
CONTEL OF CALIFORNIA	9.93%	6.05%	7.01%	9.67%	9.98%	6.99%	6.10%	11.34%	14.25%
GTC OF CALIFORNIA	8.54%	7.67%	8.22%	7.91%	7.91%	6.25%	18.46%	8.17%	13.05%
PACIFIC BELL	8.75%	5.67%	11.32%	14.44%	8.45%	9.14%	10.06%	7.32%	6.79%
WEST COAST TEL OF CA	2.65%	-4.25%	2.36%	0.72%	4.70%	16.46%	10.49%	21.17%	5.08%
MOUNTAIN BELL-CO	14.11%	7.08%	5.83%	21.29%	17.17%	7.19%	11.47%	-22.72%	3.83%
SOUTHERN NEW ENGLAND	6.52%	7.38%	7.72%	10.70%	8.59%	9.52%	10.57%	10.25%	5.77%
DIAMOND STATE TEL	6.70%	9.47%	16.29%	6.62%	11.25%	14.57%	12.20%	16.11%	12.94%
C & P TEL CO OF WASH	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CENTEL OF FLORIDA	20.29%	14.30%	11.61%	11.29%	12.29%	26.12%	-3.28%	27.88%	12.78%
GTE FLORIDA INC.	12.92%	9.78%	8.70%	11.41%	17.91%	14.18%	25.50%	27.07%	10.58%
SOUTHERN BELL-FL	12.27%	10.38%	10.31%	13.56%	11.39%	12.10%	4.08%	4.58%	11.43%
GTE SOUTH INC. - GA	8.17%	6.79%	9.18%	8.35%	13.81%	12.39%	10.60%	10.27%	8.43%
SOUTHERN BELL-GA	8.64%	8.63%	8.23%	14.51%	9.46%	9.10%	9.53%	8.53%	3.73%
GTE NORTHWEST INC-ID	4.31%	1.73%	10.00%	10.00%	3.98%	2.02%	2.29%	-0.19%	5.37%
MOUNTAIN BELL-ID	4.42%	1.79%	6.35%	11.12%	14.12%	0.01%	2.26%	-7.17%	2.41%
PACIFIC NW BELL-ID	0.43%	2.62%	5.78%	3.97%	1.27%	4.47%	0.84%	6.90%	3.74%
CENTEL OF ILLINOIS #	4.17%	4.06%	-1.67%	5.07%	9.37%	5.06%	10.92%	17.36%	1.82%
GTE NORTH INC. - IL	15.00%	4.19%	2.91%	6.92%	-0.12%	5.31%	5.04%	18.16%	9.32%
ILLINOIS BELL TEL CO	3.68%	2.42%	7.29%	14.35%	4.70%	3.32%	-10.34%	-1.63%	12.40%
GTE NORTH INC. - IN	9.14%	5.46%	5.52%	8.46%	7.12%	4.01%	14.80%	12.79%	8.85%
INDIANA BELL TEL CO	5.40%	5.94%	6.55%	12.84%	9.72%	7.60%	9.77%	9.89%	6.45%
UTC OF INDIANA	11.36%	5.85%	6.57%	9.70%	8.96%	6.43%	8.19%	13.18%	11.58%
GTE NORTH INC. - IA	4.00%	7.04%	7.46%	-0.60%	2.00%	2.78%	7.31%	9.72%	3.21%
NORTHWESTERN BELL-IA	4.79%	4.35%	2.65%	0.03%	2.21%	4.11%	4.25%	1.06%	0.31%
SOUTHWESTERN BELL-KS	11.26%	2.83%	5.05%	-1.94%	0.67%	22.57%	6.07%	-13.49%	11.40%
UTC OF KANSAS	2.45%	2.89%	12.59%	-0.64%	2.84%	-1.50%	3.63%	6.61%	5.86%
CINCINNATI BELL-KY	2.10%	3.41%	2.87%	25.84%	11.88%	8.87%	20.84%	17.83%	22.33%
GTE SOUTH INC. - KY	17.79%	17.21%	6.70%	5.93%	8.23%	10.56%	16.90%	4.81%	10.60%
SO CENTRAL BELL-KY	3.87%	3.77%	5.43%	5.85%	1.51%	4.03%	7.96%	1.19%	11.85%
SO CENTRAL BELL-LA	13.44%	8.75%	2.54%	6.13%	1.36%	0.72%	1.87%	-0.59%	9.12%
NEW ENGLAND TEL-ME	2.97%	8.12%	7.13%	4.90%	11.91%	10.55%	16.85%	32.91%	7.02%
C & P TEL CO OF MD	7.59%	4.88%	5.39%	6.76%	15.46%	11.82%	17.03%	10.21%	4.92%
NEW ENGLAND TEL-MA	10.24%	8.64%	2.69%	8.06%	18.69%	11.56%	20.13%	32.72%	2.76%
GTE NORTH INC. - MI	-5.43%	10.32%	2.71%	5.48%	8.36%	5.72%	9.15%	9.70%	8.59%
MICHIGAN BELL TEL CO	5.00%	1.22%	5.52%	11.36%	17.18%	16.49%	4.01%	9.20%	11.17%
CENTEL OF MN	7.37%	7.77%	9.14%	0.03%	7.07%	4.01%	15.35%	3.89%	2.97%
GTE NORTH INC. - MN	7.15%	8.21%	9.35%	-14.33%	-0.12%	3.67%	5.66%	9.38%	9.29%
NORTHWESTERN BELL-MN	7.03%	5.48%	6.15%	7.05%	13.57%	6.15%	5.24%	2.83%	-0.78%
SO CENTRAL BELL-MS	4.69%	5.47%	4.15%	4.15%	5.29%	4.19%	11.12%	0.71%	7.45%
GTE NORTH INC. - MO	6.09%	1.71%	4.74%	0.20%	12.70%	7.34%	9.05%	7.09%	8.03%
SOUTHWESTERN BELL-MO	2.74%	-6.61%	8.74%	7.51%	0.54%	32.80%	5.89%	-12.39%	12.19%

TABLE 4.7 B  
STATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	5.71%	3.59%	2.17%	6.10%	9.43%	4.30%	11.47%	11.19%	2.97%
GTE NORTHWEST INC-MT	3.39%	-0.84%	6.30%	2.88%	3.43%	4.55%	3.76%	3.28%	12.83%
MOUNTAIN BELL-MT	5.28%	3.43%	6.68%	7.22%	0.40%	9.44%	-0.66%	3.59%	-0.83%
GTE NORTH INC. - NE	6.18%	7.93%	7.50%	3.19%	-1.17%	1.30%	6.07%	4.82%	2.49%
LINCOLN TEL & TEL CO	5.65%	10.06%	6.83%	5.45%	3.05%	3.30%	6.60%	4.91%	4.21%
NORTHWESTERN BELL-NE	5.77%	6.34%	6.21%	17.81%	-13.01%	2.87%	4.88%	-0.86%	5.20%
CENTEL OF NV	10.21%	7.75%	22.81%	2.35%	12.68%	16.79%	10.18%	50.31%	17.09%
NEVADA BELL	14.53%	4.20%	9.07%	21.69%	6.41%	-0.08%	12.88%	23.89%	51.27%
NEW ENGLAND TEL-NH	1.37%	9.34%	8.94%	6.72%	20.97%	14.98%	17.94%	17.39%	5.24%
NEW JERSEY BELL	6.70%	7.99%	10.14%	10.84%	8.18%	11.79%	13.29%	6.99%	6.60%
GTE SOUTHWEST INC-NM	19.90%	10.55%	-0.65%	12.17%	4.68%	-10.33%	3.48%	5.48%	6.08%
MOUNTAIN BELL-NM	8.25%	8.41%	3.93%	17.94%	4.83%	3.55%	7.41%	-5.28%	2.79%
CONTEL OF NY, INC	6.91%	6.46%	6.94%	9.41%	9.05%	14.31%	18.54%	-3.64%	7.74%
NEW YORK TEL CO	6.73%	6.80%	8.82%	1.00%	8.15%	16.11%	4.28%	0.29%	8.05%
CAROLINA TEL & TEL	5.97%	4.70%	10.49%	11.08%	13.58%	12.22%	8.94%	11.53%	10.60%
CENTEL OF NC	8.11%	6.69%	8.56%	18.14%	-0.89%	6.62%	13.02%	15.25%	8.15%
GTE SOUTH INC - NC	5.99%	13.96%	15.61%	14.23%	11.55%	16.08%	16.31%	14.79%	-14.86%
SOUTHERN BELL-NC	9.04%	9.41%	9.20%	10.47%	7.98%	13.02%	0.96%	16.45%	9.18%
NORTHWESTERN BELL-ND	8.26%	5.29%	3.42%	6.23%	9.57%	-2.29%	-2.31%	3.48%	-2.86%
CENTEL OF OHIO #	5.26%	5.31%	-3.68%	2.84%	12.20%	9.83%	19.23%	17.03%	-1.90%
CINCINNATI BELL-OH	4.59%	3.68%	3.61%	27.26%	10.76%	9.46%	19.46%	6.68%	8.45%
GTE NORTH INC. - OH	4.76%	-6.75%	1.24%	5.36%	7.89%	7.20%	15.31%	10.98%	5.72%
OHIO BELL TEL CO	7.90%	3.99%	-0.80%	8.97%	7.73%	-0.44%	28.83%	3.97%	30.73%
UTC OF OHIO	7.01%	3.65%	4.61%	8.09%	8.99%	4.97%	7.84%	11.31%	3.99%
GTE SOUTHWEST INC-OK	13.59%	8.14%	6.33%	1.12%	5.06%	-0.90%	4.87%	5.02%	5.29%
SOUTHWESTERN BELL-OK	4.93%	19.92%	2.20%	-1.82%	0.87%	10.58%	-2.01%	-7.06%	3.42%
GTE NORTHWEST INC-OR	5.89%	2.79%	3.00%	3.00%	3.04%	4.44%	9.38%	10.39%	11.05%
PACIFIC NW BELL-OR	1.53%	7.15%	2.60%	3.38%	8.63%	4.18%	4.97%	2.73%	4.50%
UTC OF THE NW - OR	3.40%	-0.82%	4.35%	1.81%	15.36%	-5.78%	3.21%	16.63%	9.30%
BELL OF PENNSYLVANIA	7.20%	6.20%	7.08%	13.36%	9.46%	10.50%	10.32%	9.94%	5.52%
GTE NORTH INC. - PA	5.20%	7.91%	4.20%	8.96%	7.21%	6.92%	10.11%	-0.08%	8.38%
UTC OF PENNSYLVANIA	7.96%	4.71%	7.16%	19.59%	7.49%	12.49%	9.46%	8.15%	9.58%
NEW ENGLAND TEL - RI	15.28%	13.26%	3.81%	5.21%	15.84%	5.30%	10.87%	9.38%	7.21%
GTE SOUTH INC. - SC	3.41%	7.40%	9.80%	10.69%	8.97%	9.70%	7.37%	13.19%	-2.12%
SOUTHERN BELL-SC	8.61%	4.59%	4.85%	9.51%	2.81%	6.05%	4.88%	13.21%	18.14%
UTC OF THE CAROLINAS	7.47%	5.37%	8.25%	10.17%	8.96%	12.12%	9.01%	15.13%	12.96%
NORTHWESTERN BELL-SD	5.74%	6.01%	4.81%	5.63%	9.68%	-1.04%	3.18%	4.55%	0.64%
GTE SOUTH INC. - TN	-1.00%	17.10%	19.16%	6.59%	9.46%	7.53%	10.80%	13.10%	10.87%
SO. CENTRAL BELL -TN	6.64%	7.10%	5.00%	8.64%	4.92%	9.70%	10.92%	10.53%	10.07%
UNITED INTER-MT-TN	11.43%	6.42%	7.76%	6.88%	10.80%	28.13%	19.22%	12.50%	6.06%
CENTEL OF TEXAS	16.22%	23.71%	3.07%	2.99%	9.36%	1.93%	17.29%	2.80%	9.26%
CONTEL OF TEXAS	19.53%	19.05%	5.94%	8.07%	12.57%	5.78%	7.71%	4.20%	3.06%
GTE SOUTHWEST INC-TX	15.65%	7.41%	6.08%	4.78%	9.17%	6.77%	11.27%	6.38%	8.58%
SOUTHWESTERN BELL-TX	13.05%	10.70%	0.97%	2.88%	7.24%	17.12%	5.86%	-6.68%	13.00%
MOUNTAIN BELL-UT	9.02%	-1.97%	1.60%	9.81%	15.40%	5.38%	9.97%	-9.01%	5.94%
NEW ENGLAND TEL-VT	8.85%	7.27%	-18.67%	43.77%	2.32%	8.87%	12.31%	27.03%	5.60%
CENTEL OF VIRGINIA	11.12%	7.53%	5.03%	4.00%	3.74%	2.07%	19.93%	17.34%	12.49%

TABLE 4.7 B  
STATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	7.05%	5.83%	5.33%	8.29%	15.69%	3.88%	7.51%	7.90%	13.68%
GTE SOUTH INC. - VA	9.99%	4.11%	3.77%	-1.35%	11.73%	4.47%	8.24%	7.77%	9.88%
UNITED INTER-MT-VA	8.46%	4.19%	2.12%	6.13%	9.01%	11.38%	10.16%	11.92%	15.04%
GTE NORTHWEST INC-WA	6.22%	6.48%	10.00%	12.00%	8.03%	7.80%	10.71%	17.32%	12.12%
PACIFIC NW BELL-WA	9.11%	5.26%	8.58%	18.12%	5.58%	0.80%	11.25%	3.03%	3.89%
UTC OF THE NW-WA	4.16%	4.92%	5.80%	0.17%	8.99%	1.42%	12.39%	15.80%	6.96%
C & P TEL CO OF WV	2.77%	4.49%	2.39%	5.03%	10.06%	0.13%	4.34%	-3.37%	-1.37%
GTE SOUTH INC. - WV	4.55%	3.88%	3.14%	6.07%	8.76%	3.02%	8.56%	4.97%	-0.62%
GTE NORTH INC. - WI	5.92%	3.42%	5.56%	8.91%	9.67%	2.18%	10.70%	13.68%	7.96%
WISCONSIN BELL	4.83%	6.28%	5.48%	4.45%	15.12%	1.40%	10.80%	22.52%	8.09%
MOUNTAIN BELL-WY	-5.53%	1.23%	-3.46%	7.26%	11.95%	-2.82%	-1.80%	-7.11%	2.79%
FULLY REPORTING TIER 1	7.89%	6.45%	6.94%	9.73%	8.90%	9.71%	9.80%	6.81%	8.23%
UTC OF FLORIDA	13.16%	13.59%	16.72%	18.89%	9.82%	12.75%	11.49%	13.86%	14.40%
GTE HAWAIIAN TEL. CO	N/A	N/A	22.58%	25.40%	6.39%	-0.70%	2.12%	14.34%	11.27%
UTC OF IOWA *	N/A	7.33%	0.71%	5.10%	6.80%	1.55%	10.82%	6.37%	2.39%
UTC OF MINNESOTA	N/A	9.34%	7.18%	2.84%	15.14%	3.46%	11.39%	10.59%	7.08%
UTC OF THE WEST-NE	N/A	6.47%	5.00%	1.26%	8.67%	2.03%	0.10%	5.91%	-1.59%
UNITED TEL - NJ, INC	N/A	7.44%	9.27%	20.73%	12.63%	14.01%	14.25%	9.03%	8.65%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	2.24%	3.43%	1.49%	5.48%	2.39%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	23.47%	19.85%	25.41%	37.02%	-6.01%
UTC OF TEXAS INC	N/A	N/A	11.53%	12.91%	7.72%	9.05%	5.43%	5.11%	7.61%
CONTEL OF VIRGINIA	N/A	9.64%	4.65%	11.42%	12.21%	19.85%	7.77%	1.53%	3.05%
UTC OF THE WEST-WY	N/A	3.86%	7.13%	6.94%	6.53%	2.58%	-0.99%	0.05%	1.89%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	11.64%	12.43%	12.25%	15.32%	4.80%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	17.79%	13.82%	9.17%	10.30%	7.55%
TOTAL COST CO.	N/A	N/A	N/A	N/A	9.39%	9.99%	9.82%	7.20%	8.11%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	17.71%	21.32%	15.74%	30.81%	4.42%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	9.53%	10.20%	9.94%	7.71%	8.01%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.8 A  
INTERSTATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	7,584	8,440	9,242	10,894	12,410	14,485	16,363	18,911	18,632	20,918
SO CENTRAL BELL-AL	106,673	118,519	126,529	139,216	153,759	169,443	194,953	217,560	245,795	283,302
MOUNTAIN BELL - AZ	155,460	166,086	175,590	193,630	233,936	285,546	339,094	344,419	372,150	379,084
GTE SOUTHWEST INC-AR	3,977	4,375	4,570	4,923	5,115	5,794	6,273	7,120	7,912	8,925
SOUTHWESTERN BELL-AR	64,049	73,270	80,261	91,182	98,810	109,354	128,362	139,675	140,601	143,670
UTC OF ARKANSAS *	1,340	1,398	1,456	1,490	1,531	1,697	1,879	2,082	2,363	2,411
CONTEL OF CALIFORNIA	7,331	8,244	9,061	10,874	13,441	16,632	22,359	28,097	33,462	41,480
GTC OF CALIFORNIA	113,131	121,355	135,721	158,565	179,008	202,087	219,894	291,866	343,293	396,880
PACIFIC BELL	624,464	686,438	731,737	815,696	871,526	973,620	1,067,457	1,160,075	1,234,332	1,341,229
WEST COAST TEL OF CA	690	736	716	794	835	845	991	1,097	1,402	1,541
MOUNTAIN BELL-CO	174,084	199,735	220,467	236,919	294,965	338,152	378,376	379,921	405,786	412,944
SOUTHERN NEW ENGLAND	214,561	230,545	243,288	259,889	285,665	318,057	351,821	415,464	492,331	553,898
DIAMOND STATE TEL	47,377	49,811	53,309	57,364	63,229	77,696	90,658	107,144	117,732	131,275
C & P TEL CO OF WASH	102,901	109,944	116,986	121,031	137,248	149,670	164,237	185,172	186,647	221,488
CENTEL OF FLORIDA	10,914	12,781	14,407	16,475	19,787	22,549	28,025	31,195	40,233	45,001
GTE FLORIDA INC.	74,277	82,405	88,543	97,836	109,149	112,247	140,745	168,557	249,066	285,658
SOUTHERN BELL-FL	327,218	356,963	392,620	425,789	455,866	495,063	594,120	656,063	830,322	1,053,444
GTE SOUTH INC. - GA	9,077	9,882	11,079	12,470	14,013	16,321	18,963	23,111	26,151	29,534
SOUTHERN BELL-GA	243,770	271,139	296,733	328,186	363,160	401,170	478,828	505,856	602,340	720,487
GTE NORTHWEST INC-ID	9,327	10,103	10,262	11,288	12,417	14,781	14,669	15,195	16,003	17,865
MOUNTAIN BELL-ID	33,283	36,440	38,054	44,239	47,226	63,717	66,951	69,158	71,584	75,191
PACIFIC NW BELL-ID	3,279	3,325	3,318	3,660	3,995	4,167	4,641	5,070	5,703	6,038
CENTEL OF ILLINOIS #	19,722	20,760	20,233	19,638	20,513	23,387	25,773	30,548	38,367	44,483
GTE NORTH INC. - IL	26,171	30,940	32,660	34,790	39,203	40,687	44,145	49,375	60,890	65,580
ILLINOIS BELL TEL CO	477,899	516,745	527,058	566,126	671,742	757,315	903,948	1,038,817	1,108,550	1,309,893
GTE NORTH INC. - IN	35,468	41,709	42,863	45,870	50,496	54,885	60,100	71,851	86,460	96,245
INDIANA BELL TEL CO	131,571	139,831	144,787	157,364	186,355	208,063	244,114	284,330	314,700	362,156
UTC OF INDIANA	9,261	11,893	12,485	13,608	15,167	16,462	18,135	20,857	24,075	27,921
GTE NORTH INC. - IA	5,324	5,928	6,386	6,922	7,233	7,504	8,206	9,243	10,485	11,298
NORTHWESTERN BELL-IA	97,302	102,456	108,639	122,403	157,830	223,839	229,178	201,922	209,221	201,801
SOUTHWESTERN BELL-KS	94,060	101,798	103,531	118,806	125,117	134,438	162,032	187,757	200,037	212,309
UTC OF KANSAS	4,974	5,112	5,205	5,997	6,172	6,661	6,930	7,511	8,860	10,554
CINCINNATI BELL-KY	7,770	8,309	8,672	9,194	12,610	14,849	16,742	17,798	21,400	25,957
GTE SOUTH INC. - KY	17,318	20,857	25,539	27,832	30,637	34,791	37,558	43,422	48,267	63,130
SO CENTRAL BELL-KY	75,355	80,638	84,472	90,054	96,547	102,464	118,249	134,492	152,964	179,556
SO CENTRAL BELL-LA	132,782	151,059	163,074	174,526	192,582	205,531	229,656	247,724	281,826	333,579
NEW ENGLAND TEL-ME	33,969	36,757	40,372	45,786	50,195	57,642	65,049	70,623	94,169	94,593
C & P TEL CO OF MD	194,913	211,459	217,968	232,483	266,528	302,121	370,337	449,431	499,991	539,088
NEW ENGLAND TEL-MA	303,462	332,719	361,550	432,931	462,028	518,522	554,263	581,353	777,671	818,414
GTE NORTH INC. - MI	19,835	19,357	22,160	23,551	25,506	28,226	31,255	36,596	42,807	49,095
MICHIGAN BELL TEL CO	231,242	250,715	260,299	278,800	329,767	381,354	464,388	513,746	590,673	670,302
CENTEL OF MN	3,232	3,675	3,860	4,249	4,650	4,990	5,736	6,456	9,188	9,563
GTE NORTH INC. - MN	250	267	281	315	321	290	299	332	362	415
NORTHWESTERN BELL-MN	160,555	171,437	179,295	200,179	210,372	310,677	330,219	319,758	341,916	332,947
SO CENTRAL BELL-MS	78,703	87,319	93,476	101,502	109,750	124,079	138,245	153,193	168,196	200,446
GTE NORTH INC. - MO	4,867	5,262	5,498	6,184	6,455	7,034	8,364	9,706	10,579	11,362
SOUTHWESTERN BELL-MO	196,786	205,715	215,476	223,231	237,649	249,774	300,656	331,002	353,633	379,943
UTC OF MISSOURI	9,303	9,899	10,696	11,565	11,288	15,290	16,600	19,249	22,863	27,347

TABLE 4.8 A  
INTERSTATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	565	618	618	682	702	790	861	916	924	1,058
MOUNTAIN BELL-MT	29,438	33,129	34,294	37,382	40,244	50,108	50,891	53,676	60,776	64,322
GTE NORTH INC. - NE	2,141	2,349	2,483	2,743	2,845	3,199	3,393	4,215	4,608	5,081
LINCOLN TEL & TEL CO	13,285	14,496	15,900	17,441	20,881	24,289	24,336	27,543	33,390	36,014
NORTHWESTERN BELL-NE	56,859	61,940	64,233	68,642	83,872	94,412	100,558	109,823	120,783	103,340
CENTEL OF NV	44,956	48,509	50,535	56,371	61,271	66,400	84,667	92,912	105,601	107,668
NEVADA BELL	27,179	30,258	30,107	34,432	40,612	38,461	39,931	42,408	54,793	71,571
NEW ENGLAND TEL-NH	68,352	73,456	80,515	88,559	93,338	113,672	126,905	139,871	190,312	199,750
NEW JERSEY BELL	589,868	636,155	674,941	734,455	787,480	915,219	1,067,297	1,213,933	1,406,165	1,456,359
GTE SOUTHWEST INC-NM	4,430	5,393	5,852	5,870	6,219	6,659	6,147	6,654	7,151	7,351
MOUNTAIN BELL-NM	51,788	56,530	61,588	65,633	76,971	101,648	113,997	118,450	114,054	125,058
CONTEL OF NY, INC	7,955	8,603	9,785	10,998	12,619	14,722	17,704	19,968	22,325	25,366
NEW YORK TEL CO	940,354	1,016,851	1,120,987	1,248,320	1,473,517	1,787,087	1,989,317	2,056,133	2,107,727	2,300,390
CAROLINA TEL & TEL	38,463	41,860	45,165	51,300	58,354	67,964	80,717	98,975	110,535	121,267
CENTEL OF NC	7,122	7,874	8,475	9,471	11,710	11,894	12,843	15,070	18,559	22,525
GTE SOUTH INC - NC	7,189	7,838	10,073	12,497	14,524	16,422	20,061	22,127	26,519	29,978
SOUTHERN BELL-NC	112,767	127,283	140,311	158,110	175,436	198,598	229,952	247,017	277,212	382,084
NORTHWESTERN BELL-ND	24,438	27,387	28,425	31,136	33,842	43,638	46,891	52,080	54,335	56,871
CENTEL OF OHIO #	2,401	2,501	2,605	2,836	2,968	3,480	3,725	4,536	5,596	6,672
CINCINNATI BELL-OH	52,190	56,209	60,408	65,189	84,468	91,460	102,470	117,589	128,747	139,982
GTE NORTH INC. - OH	28,252	30,483	31,054	32,832	35,421	39,276	44,344	56,082	63,954	68,803
OHIO BELL TEL CO	231,500	250,599	265,174	270,546	325,554	357,219	408,210	505,507	518,151	568,758
UTC OF OHIO	21,499	23,006	25,099	27,058	30,499	34,502	38,062	43,134	49,012	62,359
GTE SOUTHWEST INC-OK	5,762	6,833	7,479	7,976	8,372	9,670	10,957	13,079	14,344	15,231
SOUTHWESTERN BELL-OK	115,979	132,045	145,462	146,728	146,966	151,267	177,942	194,517	198,178	209,632
GTE NORTHWEST INC-OR	18,010	21,076	22,798	23,481	24,185	28,182	28,510	34,112	43,204	50,784
PACIFIC NW BELL-OR	103,877	110,974	112,397	119,014	158,050	170,435	190,873	188,647	199,798	207,707
UTC OF THE NW - OR	2,492	2,672	2,706	2,927	3,445	4,415	4,644	5,118	6,150	7,271
BELL OF PENNSYLVANIA	420,181	452,959	473,250	502,219	567,108	652,842	701,207	870,623	956,285	1,015,577
GTE NORTH INC. - PA	24,461	25,941	31,209	32,161	33,650	35,014	40,576	49,251	49,626	52,439
UTC OF PENNSYLVANIA	13,205	14,411	15,173	16,377	23,346	26,547	29,088	31,171	32,311	39,179
NEW ENGLAND TEL - RI	59,198	64,537	69,894	72,036	79,955	92,405	98,300	106,747	143,555	150,954
GTE SOUTH INC. - SC	9,212	10,367	11,739	13,625	15,629	17,820	20,669	25,297	29,653	34,644
SOUTHERN BELL-SC	80,820	91,237	99,179	110,583	120,951	128,077	156,038	166,934	204,346	248,513
UTC OF THE CAROLINAS	3,917	4,429	4,846	5,312	5,887	6,560	7,781	8,735	10,377	13,209
NORTHWESTERN BELL-SD	24,105	26,255	28,088	31,670	35,221	42,671	54,854	53,092	57,474	57,286
GTE SOUTH INC. - TN	2,341	2,404	2,894	3,814	4,257	4,741	5,478	6,414	7,463	15,354
SO. CENTRAL BELL -TN	161,241	171,319	186,338	202,373	229,273	238,908	279,491	313,138	357,060	417,471
UNITED INTER-MT-TN	10,496	11,704	12,217	12,925	13,864	15,301	23,169	28,199	31,413	34,760
CENTEL OF TEXAS	5,960	6,854	7,356	8,018	9,046	10,242	11,082	14,516	16,541	18,849
CONTEL OF TEXAS	3,135	3,726	5,441	5,831	6,482	8,120	8,742	9,569	10,780	15,580
GTE SOUTHWEST INC-TX	39,657	46,948	50,929	55,171	60,777	70,646	83,331	108,202	131,909	152,241
SOUTHWESTERN BELL-TX	398,531	455,024	521,212	549,271	569,265	619,266	752,109	856,595	960,055	1,035,987
MOUNTAIN BELL-UT	61,517	69,590	73,073	92,181	97,684	126,908	135,244	129,510	145,507	150,128
NEW ENGLAND TEL-VT	28,611	29,811	31,238	33,236	34,406	46,052	50,142	54,961	64,137	65,478
CENTEL OF VIRGINIA	10,586	11,741	12,657	14,178	15,459	18,701	19,526	21,496	26,828	31,944
C & P TEL CO OF VA	188,398	206,622	219,890	242,526	298,433	336,568	370,971	448,338	479,125	524,697
GTE SOUTH INC. - VA	2,648	2,924	3,022	3,204	3,435	3,810	4,097	4,586	5,169	5,002



TABLE 4.8 A  
INTERSTATE MESSAGES  
BY COMPANY (IN THOUSANDS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	5,858	6,561	6,815	7,235	7,567	8,144	10,373	12,162	14,516	17,513
GTE NORTHWEST INC-WA	21,373	24,109	27,006	29,706	33,271	38,742	40,512	48,065	62,867	73,373
PACIFIC NW BELL-WA	143,545	158,191	168,436	181,295	214,377	288,539	278,742	286,172	307,391	317,153
UTC OF THE NW-WA	2,931	3,192	3,319	3,621	4,214	4,898	4,921	5,386	5,969	6,942
C & P TEL CO OF WV	56,568	60,425	62,405	66,816	74,217	83,550	93,366	109,459	112,756	118,222
GTE SOUTH INC. - WV	6,432	6,867	7,094	7,703	8,184	9,147	10,251	12,082	14,109	14,137
GTE NORTH INC. - WI	16,220	17,487	17,849	19,494	21,220	23,909	25,528	30,315	36,811	39,650
WISCONSIN BELL	119,207	126,919	133,549	145,180	171,796	202,086	227,689	256,533	346,588	374,298
MOUNTAIN BELL-WY	36,153	38,530	41,475	40,944	44,193	50,207	53,317	55,538	58,651	60,710
<b>FULLY REPORTING TIER 1</b>	<b>9,272,479</b>	<b>10,122,559</b>	<b>10,847,546</b>	<b>11,837,648</b>	<b>13,321,334</b>	<b>15,279,476</b>	<b>17,342,635</b>	<b>19,217,076</b>	<b>21,544,167</b>	<b>23,804,782</b>
UTC OF FLORIDA	37,043	41,494	47,015	50,172	65,289	80,788	94,635	108,736	122,549	150,783
GTE HAWAIIAN TEL. CO.	N/A	N/A	26,013	27,869	28,551	35,919	38,493	54,426	68,208	80,829
UTC OF IOWA *	N/A	3,539	3,785	3,972	4,253	5,143	5,466	6,954	7,283	8,358
UTC OF MINNESOTA	N/A	3,158	3,354	3,690	3,616	4,732	5,437	6,961	8,873	12,017
UTC OF THE WEST-NE	N/A	2,427	2,575	2,608	2,668	2,996	3,162	3,622	3,862	4,497
UNITED TEL - NJ, INC	N/A	10,435	11,429	12,982	16,951	19,277	22,815	27,276	29,082	34,897
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	34,398	42,026	41,005	38,979	40,564	42,583
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	22,200	26,522	33,152	38,847	48,946	48,257
UTC OF TEXAS INC	N/A	N/A	2,608	2,873	3,447	4,037	4,320	4,872	6,028	10,806
CONTEL OF VIRGINIA	N/A	18,002	20,017	21,968	24,855	29,878	31,894	47,851	63,045	84,364
UTC OF THE WEST-WY	N/A	791	812	827	936	1,070	1,116	1,146	1,236	1,351
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>207,164</b>	<b>252,388</b>	<b>281,495</b>	<b>339,669</b>	<b>399,676</b>	<b>478,743</b>
<b>ALL OTHER COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>398,600</b>	<b>462,000</b>	<b>495,572</b>	<b>521,877</b>	<b>607,000</b>	<b>699,612</b>
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>13,927,098</b>	<b>15,993,864</b>	<b>18,119,703</b>	<b>20,078,622</b>	<b>22,550,843</b>	<b>24,983,136</b>
<b>AVERAGE SCHEDULE CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>143,600</b>	<b>166,300</b>	<b>190,200</b>	<b>227,200</b>	<b>277,354</b>	<b>321,677</b>
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>14,070,698</b>	<b>16,160,164</b>	<b>18,309,903</b>	<b>20,305,822</b>	<b>22,828,197</b>	<b>25,304,813</b>

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.8 B  
INTERSTATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	11.29%	9.50%	17.87%	13.92%	16.72%	12.97%	15.57%	-1.48%	12.27%
SO CENTRAL BELL-AL	11.11%	6.76%	10.03%	10.45%	10.20%	15.06%	11.60%	12.98%	15.26%
MOUNTAIN BELL - AZ	6.84%	5.72%	10.27%	20.82%	22.06%	18.75%	1.57%	8.05%	1.86%
GTE SOUTHWEST INC-AR	10.01%	4.46%	7.72%	3.90%	13.27%	8.27%	13.50%	11.12%	12.80%
SOUTHWESTERN BELL-AR	14.40%	9.54%	13.61%	8.36%	10.67%	17.38%	8.81%	0.66%	2.18%
UTC OF ARKANSAS *	4.31%	4.13%	2.37%	2.71%	10.88%	10.71%	10.81%	13.50%	2.03%
CONTEL OF CALIFORNIA	12.45%	9.91%	20.01%	23.61%	23.74%	34.43%	25.66%	19.09%	23.96%
GTC OF CALIFORNIA	7.27%	11.84%	16.83%	12.89%	12.89%	8.81%	32.73%	17.62%	15.61%
PACIFIC BELL	9.92%	6.60%	11.47%	6.84%	11.71%	9.64%	8.68%	6.40%	8.66%
WEST COAST TEL OF CA	6.67%	-2.72%	10.89%	5.16%	1.20%	17.28%	10.70%	27.80%	9.91%
MOUNTAIN BELL-CO	14.73%	10.38%	7.46%	24.50%	14.64%	11.90%	0.41%	6.81%	1.76%
SOUTHERN NEW ENGLAND	7.45%	5.53%	6.82%	9.92%	11.34%	10.62%	18.09%	18.50%	12.51%
DIAMOND STATE TEL	5.14%	7.02%	7.61%	10.22%	22.88%	16.68%	18.18%	9.88%	11.50%
C & P TEL CO OF WASH	6.84%	6.41%	3.46%	13.40%	9.05%	9.73%	12.75%	0.80%	18.67%
CENTEL OF FLORIDA	17.11%	12.72%	14.36%	20.10%	13.96%	24.28%	11.31%	28.97%	11.85%
GTE FLORIDA INC.	10.94%	7.45%	10.50%	11.56%	2.84%	25.39%	19.76%	47.76%	14.65%
SOUTHERN BELL-FL	9.09%	9.99%	8.45%	7.06%	8.60%	20.01%	10.43%	26.56%	26.87%
GTE SOUTH INC.- GA	8.87%	12.11%	12.56%	12.37%	16.47%	16.19%	21.87%	13.15%	12.94%
SOUTHERN BELL-GA	11.23%	9.44%	10.60%	10.66%	10.47%	19.36%	5.64%	19.07%	19.61%
GTE NORTHWEST INC-ID	8.32%	1.57%	10.00%	10.00%	19.04%	-0.76%	3.59%	5.32%	11.64%
MOUNTAIN BELL-ID	9.49%	4.43%	16.25%	6.75%	34.92%	5.08%	3.30%	3.51%	5.04%
PACIFIC NW BELL-ID	1.39%	-0.21%	10.31%	9.15%	4.31%	11.38%	9.24%	12.49%	5.87%
CENTEL OF ILLINOIS #	5.26%	-2.54%	-2.94%	4.45%	14.01%	10.20%	18.53%	25.60%	15.94%
GTE NORTH INC. - IL	18.22%	5.56%	6.52%	12.68%	3.79%	8.50%	11.85%	23.32%	7.70%
ILLINOIS BELL TEL CO	8.13%	2.00%	7.41%	18.66%	12.74%	19.36%	14.92%	6.71%	18.16%
GTE NORTH INC. - IN	17.60%	2.77%	7.02%	10.09%	8.69%	9.50%	19.55%	20.33%	11.32%
INDIANA BELL TEL CO	6.28%	3.54%	8.69%	18.42%	11.65%	17.33%	16.47%	10.68%	15.08%
UTC OF INDIANA	28.42%	4.98%	8.99%	11.46%	8.54%	10.16%	15.01%	15.43%	15.98%
GTE NORTH INC. - IA	11.34%	7.73%	8.39%	4.49%	3.75%	9.36%	12.64%	13.44%	7.75%
NORTHWESTERN BELL-IA	5.30%	6.03%	12.67%	28.94%	41.82%	2.39%	-11.89%	3.61%	-3.55%
SOUTHWESTERN BELL-KS	8.23%	1.70%	14.75%	5.31%	7.45%	20.53%	15.88%	6.54%	6.13%
UTC OF KANSAS	2.77%	1.82%	15.21%	2.92%	7.94%	4.04%	8.38%	17.96%	19.13%
CINCINNATI BELL-KY	6.94%	4.37%	6.02%	37.16%	17.76%	12.75%	6.31%	20.24%	21.29%
GTE SOUTH INC. - KY	20.44%	22.45%	8.98%	10.08%	13.56%	7.95%	15.61%	11.16%	30.79%
SO CENTRAL BELL-KY	7.01%	4.75%	6.61%	7.21%	6.13%	15.41%	13.74%	13.73%	17.38%
SO CENTRAL BELL-LA	13.76%	7.95%	7.02%	10.35%	6.72%	11.74%	7.87%	13.77%	18.36%
NEW ENGLAND TEL-ME	8.21%	9.84%	13.41%	9.63%	14.84%	12.85%	8.57%	33.34%	0.45%
C & P TEL CO OF MD	8.49%	3.08%	6.66%	14.64%	13.35%	22.58%	21.36%	11.25%	7.82%
NEW ENGLAND TEL-MA	9.64%	8.67%	19.74%	6.72%	12.23%	6.89%	4.89%	33.77%	5.24%
GTE NORTH INC. - MI	-2.41%	14.48%	6.28%	8.30%	10.66%	10.73%	17.09%	16.97%	14.69%
MICHIGAN BELL TEL CO	8.42%	3.82%	7.11%	18.28%	15.64%	21.77%	10.63%	14.97%	13.48%
CENTEL OF MN	13.69%	5.05%	10.07%	9.45%	7.29%	14.96%	12.56%	42.31%	4.08%
GTE NORTH INC. - MN	6.78%	5.15%	12.31%	1.82%	-9.66%	3.10%	11.04%	9.04%	14.64%
NORTHWESTERN BELL-MN	6.78%	4.58%	11.65%	5.09%	47.68%	6.29%	-3.17%	6.93%	-2.62%
SO CENTRAL BELL-MS	10.95%	7.05%	8.59%	8.13%	13.06%	11.42%	10.81%	9.79%	19.17%
GTE NORTH INC. - MO	8.12%	4.48%	12.48%	4.38%	8.97%	18.91%	16.04%	8.99%	7.40%
SOUTHWESTERN BELL-MO	4.54%	4.75%	3.60%	6.46%	5.10%	20.37%	10.09%	6.84%	7.44%

TABLE 4.8 B  
INTERSTATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	6.41%	8.04%	8.13%	-2.40%	35.46%	8.57%	15.95%	18.78%	19.61%
GTE NORTHWEST INC-MT	9.31%	0.08%	10.30%	2.97%	12.54%	8.99%	6.39%	0.87%	14.50%
MOUNTAIN BELL-MT	12.54%	3.52%	9.00%	7.66%	24.51%	1.56%	5.47%	13.23%	5.83%
GTE NORTH INC. - NE	9.72%	5.70%	10.47%	3.72%	12.44%	6.06%	24.23%	9.32%	10.26%
LINCOLN TEL & TEL CO	9.12%	9.69%	9.69%	19.72%	16.32%	0.20%	13.18%	21.23%	7.86%
NORTHWESTERN BELL-NE	8.94%	3.70%	6.86%	22.19%	12.57%	6.51%	9.21%	9.98%	-14.44%
CENTEL OF NV	7.90%	4.18%	11.55%	8.69%	8.37%	27.51%	9.74%	13.66%	1.96%
NEVADA BELL	11.33%	-0.50%	14.37%	17.95%	-5.30%	3.82%	6.20%	29.21%	30.62%
NEW ENGLAND TEL-NH	7.47%	9.61%	9.99%	5.40%	21.78%	11.64%	10.22%	36.06%	4.96%
NEW JERSEY BELL	7.85%	6.10%	8.82%	7.22%	16.22%	16.62%	13.74%	15.84%	3.57%
GTE SOUTHWEST INC-NM	21.74%	8.51%	0.31%	5.95%	7.08%	-7.69%	8.25%	7.47%	2.75%
MOUNTAIN BELL-NM	9.16%	8.95%	6.57%	17.27%	32.06%	12.15%	3.91%	-3.71%	9.65%
CONTEL OF NY, INC	8.15%	13.74%	12.40%	14.74%	16.67%	20.26%	12.79%	11.80%	13.62%
NEW YORK TEL CO	8.13%	10.24%	11.36%	18.04%	21.28%	11.32%	3.36%	2.51%	9.14%
CAROLINA TEL & TEL	8.83%	7.89%	13.58%	13.75%	16.47%	18.76%	22.62%	11.68%	9.71%
CENTEL OF NC	10.56%	7.64%	11.75%	23.64%	1.57%	7.98%	17.34%	23.15%	21.37%
GTE SOUTH INC - NC	9.03%	28.51%	24.06%	16.22%	13.07%	22.16%	10.30%	19.85%	13.04%
SOUTHERN BELL-NC	12.87%	10.24%	12.69%	10.96%	13.20%	15.79%	7.42%	12.22%	37.83%
NORTHWESTERN BELL-ND	12.07%	3.79%	9.54%	8.69%	28.95%	7.45%	11.07%	4.33%	4.67%
CENTEL OF OHIO #	4.17%	4.14%	8.91%	4.65%	17.23%	7.05%	21.79%	23.36%	19.23%
CINCINNATI BELL-OH	7.70%	7.47%	7.91%	29.57%	8.28%	12.04%	14.75%	9.49%	8.73%
GTE NORTH INC. - OH	7.90%	1.87%	5.73%	7.89%	10.88%	12.90%	26.47%	14.04%	7.58%
OHIO BELL TEL CO	8.25%	5.82%	2.03%	20.33%	9.73%	14.27%	23.84%	2.50%	9.77%
UTC OF OHIO	7.01%	9.10%	7.80%	12.72%	13.12%	10.32%	13.33%	13.63%	27.23%
GTE SOUTHWEST INC-OK	18.59%	9.45%	6.65%	4.96%	15.50%	13.31%	19.37%	9.68%	6.16%
SOUTHWESTERN BELL-OK	13.85%	10.16%	0.87%	0.16%	2.93%	17.63%	9.31%	1.88%	5.76%
GTE NORTHWEST INC-OR	17.02%	8.17%	3.00%	3.00%	16.53%	1.16%	19.65%	26.65%	17.54%
PACIFIC NW BELL-OR	6.83%	1.28%	5.89%	32.80%	7.84%	11.99%	-1.17%	5.91%	3.96%
UTC OF THE NW - OR	7.22%	1.28%	8.15%	17.68%	28.18%	5.18%	10.20%	20.17%	18.23%
BELL OF PENNSYLVANIA	7.80%	4.48%	6.12%	12.92%	15.12%	7.41%	24.16%	9.84%	6.20%
GTE NORTH INC. - PA	6.05%	20.31%	3.05%	4.63%	4.05%	15.89%	21.38%	0.76%	5.67%
UTC OF PENNSYLVANIA	9.13%	5.29%	7.93%	42.56%	13.71%	9.57%	7.16%	3.66%	21.25%
NEW ENGLAND TEL - RI	9.02%	8.30%	3.06%	10.99%	15.57%	6.38%	8.59%	34.48%	5.15%
GTE SOUTH INC. - SC	12.54%	13.23%	16.07%	14.71%	14.02%	15.99%	22.39%	17.22%	16.83%
SOUTHERN BELL-SC	12.89%	8.70%	11.50%	9.38%	5.89%	21.83%	6.98%	22.41%	21.61%
UTC OF THE CAROLINAS	13.06%	9.42%	9.61%	10.83%	11.43%	18.61%	12.26%	18.80%	27.25%
NORTHWESTERN BELL-SD	8.92%	6.98%	12.75%	11.21%	21.15%	28.55%	-3.21%	8.25%	-0.33%
GTE SOUTH INC. - TN	2.69%	20.38%	31.79%	11.62%	11.37%	15.55%	17.09%	16.35%	105.73%
SO. CENTRAL BELL -TN	6.25%	8.77%	8.61%	13.29%	4.20%	16.99%	12.04%	14.03%	16.92%
UNITED INTER-MT-TN	11.51%	4.39%	5.80%	7.26%	10.37%	51.42%	21.71%	11.40%	10.65%
CENTEL OF TEXAS	15.00%	7.32%	9.01%	12.81%	13.23%	8.20%	30.98%	13.95%	13.96%
CONTEL OF TEXAS	18.86%	46.02%	7.17%	11.16%	25.27%	7.66%	9.46%	12.66%	44.52%
GTE SOUTHWEST INC-TX	18.39%	8.48%	8.33%	10.16%	16.24%	17.96%	29.85%	21.91%	15.41%
SOUTHWESTERN BELL-TX	14.18%	14.55%	5.38%	3.64%	8.78%	21.45%	13.89%	12.08%	7.91%
MOUNTAIN BELL-UT	13.12%	5.01%	26.15%	5.97%	29.92%	6.57%	-4.24%	12.35%	3.18%
NEW ENGLAND TEL-VT	4.20%	4.79%	6.40%	3.52%	33.85%	8.88%	9.61%	16.70%	2.09%
CENTEL OF VIRGINIA	10.91%	7.80%	12.01%	9.04%	20.97%	4.41%	10.09%	24.80%	19.07%

TABLE 4.8 B  
INTERSTATE MESSAGES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	9.67%	6.42%	10.29%	23.05%	12.78%	10.22%	20.86%	6.87%	9.51%
GTE SOUTH INC. - VA	10.42%	3.36%	6.01%	7.21%	10.92%	7.53%	11.94%	12.71%	-3.23%
UNITED INTER-MT-VA	12.01%	3.87%	6.16%	4.59%	7.63%	27.37%	17.25%	19.35%	20.65%
GTE NORTHWEST INC-WA	12.80%	12.02%	10.00%	12.00%	16.44%	4.57%	18.64%	30.80%	16.71%
PACIFIC NW BELL-WA	10.20%	6.48%	7.63%	18.25%	34.59%	-3.40%	2.67%	7.41%	3.18%
UTC OF THE NW-WA	8.91%	3.98%	9.07%	16.40%	16.22%	0.48%	9.45%	10.82%	16.29%
C & P TEL CO OF WV	6.82%	3.28%	7.07%	11.08%	12.58%	11.75%	17.24%	3.01%	4.85%
GTE SOUTH INC. - WV	6.76%	3.31%	8.58%	6.24%	11.77%	12.07%	17.86%	16.78%	0.20%
GTE NORTH INC. - WI	7.81%	2.07%	9.22%	8.85%	12.67%	6.77%	18.75%	21.43%	7.71%
WISCONSIN BELL	6.47%	5.22%	8.71%	18.33%	17.63%	12.67%	12.67%	35.10%	8.00%
MOUNTAIN BELL-WY	6.57%	7.64%	-1.28%	7.94%	13.61%	6.19%	4.17%	5.61%	3.51%
FULLY REPORTING TIER 1	9.17%	7.16%	9.13%	12.53%	14.70%	13.50%	10.81%	12.11%	10.49%
UTC OF FLORIDA	12.02%	13.31%	6.72%	30.13%	23.74%	17.14%	14.90%	12.70%	23.04%
GTE HAWAIIAN TEL. CO	N/A	N/A	7.13%	2.45%	25.81%	7.17%	41.39%	25.32%	18.50%
UTC OF IOWA *	N/A	6.96%	4.93%	7.08%	20.93%	6.27%	27.22%	4.74%	14.75%
UTC OF MINNESOTA	N/A	6.21%	10.02%	-1.99%	30.86%	14.90%	28.02%	27.46%	35.45%
UTC OF THE WEST-NE	N/A	6.09%	1.29%	2.31%	12.30%	5.54%	14.53%	6.64%	16.44%
UNITED TEL - NJ, INC	N/A	9.52%	13.59%	30.57%	13.72%	18.35%	19.55%	6.62%	19.99%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	22.17%	-2.43%	-4.94%	4.07%	4.98%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	19.47%	25.00%	17.18%	26.00%	-1.41%
UTC OF TEXAS INC	N/A	N/A	10.20%	19.97%	17.11%	7.00%	12.78%	23.72%	79.27%
CONTEL OF VIRGINIA	N/A	11.19%	9.75%	13.14%	20.21%	6.75%	50.03%	31.75%	33.82%
UTC OF THE WEST-WY	N/A	2.64%	1.86%	13.17%	14.24%	4.38%	2.63%	7.89%	9.30%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	21.83%	11.53%	20.67%	17.67%	19.78%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	15.91%	7.27%	5.31%	16.31%	15.26%
TOTAL COST CO.	N/A	N/A	N/A	N/A	14.84%	13.29%	10.81%	12.31%	10.79%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	15.81%	14.37%	19.45%	22.07%	15.98%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	14.85%	13.30%	10.90%	12.42%	10.85%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.9 A  
LOCAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	1,188	1,245	1,345	1,347	1,392	1,406	1,413	1,440	1,447	1,460
SO CENTRAL BELL-AL	22,106	22,683	23,138	24,093	24,610	25,132	25,932	26,753	28,186	28,415
MOUNTAIN BELL - AZ	15,584	16,566	16,698	17,829	19,185	20,610	22,183	22,823	25,503	25,574
GTE SOUTHWEST INC-AR	652	687	699	707	765	756	744	690	690	720
SOUTHWESTERN BELL-AR	8,514	8,383	8,658	9,045	9,559	9,648	9,755	9,811	9,856	9,894
UTC OF ARKANSAS *	128	128	130	127	132	135	127	124	133	158
CONTEL OF CALIFORNIA	1,423	1,468	1,544	1,573	1,645	1,763	1,834	1,749	2,066	2,259
GTC OF CALIFORNIA	27,822	27,888	29,201	30,865	31,129	31,876	32,505	33,864	32,125	32,127
PACIFIC BELL	131,287	134,696	139,028	142,333	142,507	144,802	145,424	148,611	151,072	153,734
WEST COAST TEL OF CA	48	59	61	66	69	67	67	72	73	73
MOUNTAIN BELL-CO	19,545	20,674	22,270	22,016	22,262	22,789	22,840	23,120	25,497	25,269
SOUTHERN NEW ENGLAND	20,071	20,110	20,319	20,618	20,984	21,595	23,300	23,299	23,578	21,962
DIAMOND STATE TEL	4,169	4,224	4,214	4,356	4,466	4,379	4,675	5,089	5,405	5,626
C & P TEL CO OF WASH	12,045	12,275	12,439	12,670	13,162	12,616	12,803	13,581	13,319	13,841
CENTEL OF FLORIDA	1,649	1,690	1,740	1,932	2,103	2,182	2,444	2,641	2,894	3,231
GTE FLORIDA INC.	11,113	12,131	12,653	13,518	14,292	15,545	16,480	17,173	17,573	17,640
SOUTHERN BELL-FL	43,262	44,464	46,549	49,206	50,947	52,286	52,769	55,212	59,872	63,081
GTE SOUTH INC.- GA	2,018	2,015	2,092	2,168	2,169	2,199	2,350	2,374	2,491	2,561
SOUTHERN BELL-GA	36,244	36,939	36,956	39,128	41,879	43,161	43,957	45,030	48,657	51,649
GTE NORTHWEST INC-ID	559	545	543	566	593	621	615	639	675	627
MOUNTAIN BELL-ID	3,388	3,487	3,565	3,518	3,516	3,498	3,468	3,407	3,696	3,820
PACIFIC NW BELL-ID	285	282	279	292	296	297	285	276	302	310
CENTEL OF ILLINOIS #	2,008	2,046	2,100	2,126	2,175	2,067	2,033	1,992	2,044	2,043
GTE NORTH INC. - IL	4,604	5,074	5,144	5,268	5,605	5,554	5,319	5,154	5,081	5,086
ILLINOIS BELL TEL CO	68,825	69,916	71,447	74,355	77,018	80,047	79,604	77,673	79,702	81,606
GTE NORTH INC. - IN	6,032	5,906	6,012	6,217	6,789	6,607	6,681	7,110	6,748	6,640
INDIANA BELL TEL CO	22,652	22,404	23,138	23,029	23,469	23,543	23,483	23,476	24,521	25,197
UTC OF INDIANA	1,267	1,323	1,393	1,366	1,441	1,433	1,481	1,510	1,530	1,599
GTE NORTH INC. - IA	781	766	815	825	884	836	816	779	810	800
NORTHWESTERN BELL-IA	10,879	10,602	10,829	10,872	11,244	11,001	11,088	10,604	11,107	11,257
SOUTHWESTERN BELL-KS	12,061	11,737	11,939	12,304	12,493	13,083	13,102	12,744	13,248	13,340
UTC OF KANSAS	473	472	483	496	489	480	451	454	465	500
CINCINNATI BELL-KY	2,180	2,205	2,246	2,258	2,277	2,337	2,326	2,392	2,489	2,443
GTE SOUTH INC. - KY	3,300	3,749	3,789	3,902	4,089	4,353	4,270	4,182	4,528	4,711
SO CENTRAL BELL-KY	14,543	14,554	14,749	14,850	15,655	15,946	15,160	15,496	15,989	15,881
SO CENTRAL BELL-LA	29,161	30,897	32,374	32,950	32,797	32,421	31,906	31,389	32,079	32,881
NEW ENGLAND TEL-ME	4,514	4,642	4,771	4,882	5,002	4,793	4,952	5,180	5,181	5,330
C & P TEL CO OF MD	36,680	38,385	40,442	41,646	41,732	40,547	41,880	42,775	45,468	48,841
NEW ENGLAND TEL-MA	38,575	39,717	40,858	41,506	43,380	43,612	43,013	43,737	46,065	42,885
GTE NORTH INC. - MI	4,549	4,540	4,523	4,522	4,656	4,729	4,758	4,776	4,882	4,844
MICHIGAN BELL TEL CO	56,852	56,662	56,462	57,464	58,012	57,220	58,187	59,175	64,043	66,306
CENTEL OF MN	598	642	669	720	725	767	787	808	875	896
GTE NORTH INC. - MN	22	24	25	24	24	23	22	21	21	20
NORTHWESTERN BELL-MN	21,404	21,283	22,497	23,489	24,490	24,293	24,738	24,019	25,903	25,873
SO CENTRAL BELL-MS	12,732	12,759	13,298	13,562	13,919	14,862	14,787	15,262	16,053	16,184
GTE NORTH INC. - MO	801	798	839	875	895	908	911	923	919	915
SOUTHWESTERN BELL-MO	28,916	28,857	30,047	29,706	30,889	31,893	32,596	33,000	33,544	32,903
UTC OF MISSOURI	1,186	1,215	1,293	1,311	1,321	1,316	1,302	1,363	1,378	1,468

TABLE 4.9 A  
LOCAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	50	52	50	59	60	61	60	58	54	54
MOUNTAIN BELL-MT	2,816	2,779	2,864	2,871	2,972	2,978	3,042	2,902	3,207	3,316
GTE NORTH INC. - NE	358	331	376	391	397	380	370	359	357	354
LINCOLN TEL & TEL CO	1,923	1,951	2,036	2,148	2,254	2,279	2,277	2,309	2,307	2,346
NORTHWESTERN BELL-NE	5,512	5,595	5,848	6,043	6,640	6,222	6,167	6,062	6,332	6,140
CENDEL OF NV	3,159	3,317	3,360	3,455	3,381	3,706	4,159	4,307	5,312	5,830
NEVADA BELL	1,601	1,670	1,760	1,824	1,903	1,907	1,956	2,103	2,124	2,233
NEW ENGLAND TEL-NH	4,118	4,250	4,382	4,490	4,911	4,977	5,020	5,175	5,743	5,345
NEW JERSEY BELL	44,712	46,132	45,646	46,077	47,181	46,151	45,782	45,718	48,240	48,753
GTE SOUTHWEST INC-NM	409	421	440	437	430	413	419	407	381	385
MOUNTAIN BELL-NM	6,354	6,292	6,361	6,582	6,833	7,058	7,412	7,569	8,156	8,537
CONTEL OF NY, INC	1,494	1,586	1,625	1,672	1,721	1,764	1,816	1,882	1,713	1,773
NEW YORK TEL CO	110,824	115,846	119,478	125,487	134,850	143,167	144,619	145,765	151,438	151,754
CAROLINA TEL & TEL	7,388	7,446	7,764	8,023	8,558	8,802	8,988	9,238	9,407	9,633
CENDEL OF NC	1,898	1,957	2,036	2,116	2,185	2,281	2,342	2,446	2,491	2,494
GTE SOUTH INC - NC	1,390	1,398	1,497	1,576	1,681	1,743	1,658	1,655	1,858	2,017
SOUTHERN BELL-NC	19,080	19,108	19,288	19,696	21,481	22,590	23,546	22,619	23,704	25,267
NORTHWESTERN BELL-ND	2,714	2,767	2,916	2,913	3,006	2,928	2,823	2,731	2,912	2,706
CENDEL OF OHIO #	751	730	695	705	740	703	768	683	720	897
CINCINNATI BELL-OH	11,371	11,025	11,296	11,471	12,173	11,804	11,792	11,776	12,807	12,623
GTE NORTH INC. - OH	6,221	6,456	6,574	6,664	7,091	7,164	7,506	7,503	7,505	7,567
OHIO BELL TEL CO	50,352	49,608	50,025	51,755	54,219	53,488	50,410	50,687	53,050	52,319
UTC OF OHIO	4,068	4,168	4,212	4,150	4,307	4,451	4,683	4,694	4,433	4,615
GTE SOUTHWEST INC-OK	832	888	953	962	1,037	1,080	1,068	948	953	999
SOUTHWESTERN BELL-OK	15,947	16,143	17,100	17,697	17,460	17,166	16,929	16,483	16,609	16,580
GTE NORTHWEST INC-OR	2,246	2,377	2,402	2,509	2,661	2,814	2,844	2,953	2,925	2,861
PACIFIC NW BELL-OR	11,468	11,397	10,980	11,298	11,132	10,651	10,895	10,695	11,690	11,765
UTC OF THE NW - OR	252	257	249	258	268	336	299	331	342	357
BELL OF PENNSYLVANIA	66,682	68,624	70,477	70,438	69,277	66,363	70,332	71,046	73,442	76,944
GTE NORTH INC. - PA	4,846	4,898	4,949	5,101	5,142	5,181	5,420	5,622	5,788	5,793
UTC OF PENNSYLVANIA	2,243	2,331	2,345	2,391	2,554	2,588	2,618	2,604	2,658	2,602
NEW ENGLAND TEL - RI	6,295	6,411	6,527	6,639	6,795	6,765	6,652	6,605	6,652	6,638
GTE SOUTH INC. - SC	1,308	1,321	1,315	1,371	1,494	1,547	1,558	1,571	1,611	1,627
SOUTHERN BELL-SC	14,856	14,770	15,085	15,397	16,448	17,246	17,718	17,206	18,058	19,183
UTC OF THE CAROLINAS	691	716	711	754	741	793	828	862	931	812
NORTHWESTERN BELL-SD	2,401	2,378	2,457	2,468	2,580	2,611	2,606	2,481	2,597	2,553
GTE SOUTH INC. - TN	599	596	560	549	568	581	610	607	625	624
SO. CENTRAL BELL - TN	29,695	29,114	29,794	30,038	31,138	32,353	33,665	34,702	35,772	34,328
UNITED INTER-MT-TN	2,276	2,336	2,306	2,328	2,280	2,353	2,460	2,576	2,717	2,436
CENDEL OF TEXAS	942	1,020	1,097	1,178	1,247	1,324	1,355	1,322	1,594	1,651
CONTEL OF TEXAS	844	877	953	1,000	1,082	1,118	1,173	1,228	1,217	1,194
GTE SOUTHWEST INC-TX	9,413	10,094	10,398	10,779	11,528	12,113	12,282	11,850	12,190	12,691
SOUTHWESTERN BELL-TX	80,721	85,090	92,339	95,696	97,579	102,657	104,580	101,625	104,584	108,607
MOUNTAIN BELL-UT	8,758	8,814	9,231	9,622	10,028	10,051	10,232	10,123	10,953	11,257
NEW ENGLAND TEL-VT	1,981	2,116	2,251	2,355	2,356	2,319	2,296	2,242	2,339	2,648
CENDEL OF VIRGINIA	1,946	2,020	2,161	2,209	2,146	2,326	2,364	2,376	2,446	2,551
C & P TEL CO OF VA	29,780	30,013	30,994	32,451	33,327	34,263	35,566	36,940	39,452	40,900
GTE SOUTH INC. - VA	453	449	457	437	440	435	449	438	449	447

TABLE 4.9 A  
LOCAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	1,131	1,131	1,138	1,175	1,034	964	971	988	1,057	1,099
GTE NORTHWEST INC-WA	3,999	3,916	4,015	4,172	4,470	4,768	5,170	5,550	6,136	6,123
PACIFIC NW BELL-WA	19,021	19,400	19,394	20,372	20,446	19,843	21,169	21,453	22,772	23,481
UTC OF THE NW-WA	303	309	320	324	320	335	323	330	317	327
C & P TEL CO OF WV	10,095	10,245	10,164	10,216	10,279	10,301	10,259	10,590	10,672	10,775
GTE SOUTH INC. - WV	765	760	796	782	790	767	784	766	788	787
GTE NORTH INC. - WI	2,677	2,725	2,780	2,783	2,836	2,893	2,943	2,926	2,919	2,921
WISCONSIN BELL	21,541	20,667	21,083	20,826	20,961	21,487	21,678	21,117	22,931	23,070
MOUNTAIN BELL-WY	2,074	2,120	2,226	2,128	2,084	2,122	2,064	1,894	2,084	2,033
FULLY REPORTING TIER 1	1,396,341	1,425,019	1,466,838	1,507,809	1,552,630	1,579,565	1,601,398	1,613,471	1,682,302	1,710,101
UTC OF FLORIDA	N/A	5,340	5,784	5,961	6,528	6,981	7,582	8,121	8,307	9,002
GTE HAWAIIAN TEL. CO	N/A	N/A	6,747	6,615	6,929	7,285	7,749	7,764	8,175	8,166
UTC OF IOWA *	N/A	473	492	498	486	495	488	483	491	504
UTC OF MINNESOTA	N/A	786	822	864	877	961	989	1,008	1,085	1,129
UTC OF THE WEST-NE	N/A	226	225	232	212	211	227	235	243	249
UNITED TEL - NJ, INC	N/A	571	583	603	663	737	678	742	797	758
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	5,720	5,939	5,981	6,133	6,508	6,936
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	6,599	6,471	7,187	7,574	8,476	9,030
UTC OF TEXAS INC	N/A	N/A	722	745	741	740	800	820	859	875
CONTEL OF VIRGINIA	N/A	2,252	2,375	2,468	2,843	3,057	3,257	3,464	3,843	4,204
UTC OF THE WEST-WY	N/A	45	44	45	46	45	43	44	48	48
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	31,644	32,922	34,981	36,391	38,830	40,901
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	39,951	44,185	45,057	47,580	49,855	51,433
TOTAL COST CO.	N/A	N/A	N/A	N/A	1,624,225	1,656,672	1,681,436	1,697,442	1,770,987	1,802,435
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	14,397	15,909	17,948	19,596	25,168	26,663
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	1,638,623	1,672,581	1,699,384	1,717,038	1,796,155	1,829,097

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM.

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.9 B  
LOCAL DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	4.78%	8.06%	0.15%	3.30%	1.04%	0.53%	1.87%	0.47%	0.93%
SO CENTRAL BELL-AL	2.61%	2.01%	4.13%	2.15%	2.12%	3.19%	3.16%	5.36%	0.81%
MOUNTAIN BELL - AZ	6.30%	0.80%	6.77%	7.61%	7.43%	7.63%	2.89%	11.74%	0.28%
GTE SOUTHWEST INC-AR	5.32%	1.83%	1.13%	8.24%	-1.17%	-1.67%	-7.25%	0.08%	4.27%
SOUTHWESTERN BELL-AR	-1.53%	3.27%	4.47%	5.68%	0.94%	1.11%	0.57%	0.46%	0.38%
UTC OF ARKANSAS *	-0.13%	2.09%	-2.09%	3.21%	2.67%	-6.13%	-2.07%	6.85%	19.22%
CONTEL OF CALIFORNIA	3.15%	5.18%	1.89%	4.59%	7.15%	4.06%	-4.62%	18.09%	9.35%
GTC OF CALIFORNIA	0.24%	4.71%	5.70%	0.86%	2.40%	1.97%	4.18%	-5.14%	0.01%
PACIFIC BELL	2.60%	3.22%	2.38%	0.12%	1.61%	0.43%	2.19%	1.66%	1.76%
WEST COAST TEL OF CA	22.42%	3.08%	8.31%	3.55%	-2.51%	-0.54%	8.96%	0.79%	-0.08%
MOUNTAIN BELL-CO	5.77%	7.72%	-1.14%	1.12%	2.37%	0.23%	1.23%	10.28%	-0.89%
SOUTHERN NEW ENGLAND	0.20%	1.04%	1.47%	1.77%	2.91%	7.90%	-0.01%	1.20%	-6.85%
DIAMOND STATE TEL	1.32%	-0.23%	3.37%	2.52%	-1.95%	6.75%	8.86%	6.22%	4.05%
C & P TEL CO OF WASH	1.91%	1.34%	1.86%	3.88%	-4.14%	1.48%	6.08%	-1.93%	3.92%
CENTEL OF FLORIDA	2.49%	2.98%	11.05%	8.81%	3.76%	12.03%	8.04%	9.59%	11.64%
GTE FLORIDA INC.	9.16%	4.30%	6.84%	5.73%	8.76%	6.01%	4.21%	2.33%	0.38%
SOUTHERN BELL-FL	2.78%	4.69%	5.71%	3.54%	2.63%	0.92%	4.63%	8.44%	5.36%
GTE SOUTH INC. - GA	-0.17%	3.86%	3.62%	0.04%	1.39%	6.86%	1.00%	4.95%	2.81%
SOUTHERN BELL-GA	1.92%	0.05%	5.88%	7.03%	3.06%	1.84%	2.44%	8.06%	6.15%
GTE NORTHWEST INC-ID	-2.43%	-0.53%	4.28%	4.86%	4.63%	-0.84%	3.74%	5.79%	-7.18%
MOUNTAIN BELL-ID	2.93%	2.24%	-1.33%	-0.06%	-0.50%	-0.86%	-1.78%	8.49%	3.36%
PACIFIC NW BELL-ID	-1.21%	-0.90%	4.56%	1.36%	0.47%	-4.30%	-2.91%	9.48%	2.41%
CENTEL OF ILLINOIS #	1.94%	2.63%	1.23%	2.28%	-4.94%	-1.67%	-1.99%	2.59%	-0.04%
GTE NORTH INC. - IL	10.21%	1.38%	2.41%	6.40%	-0.91%	-4.23%	-3.11%	-1.41%	0.10%
ILLINOIS BELL TEL CO	1.58%	2.19%	4.07%	3.58%	3.93%	-0.55%	-2.43%	2.61%	2.39%
GTE NORTH INC. - IN	-2.09%	1.81%	3.40%	9.20%	-2.67%	1.12%	6.42%	-5.08%	-1.60%
INDIANA BELL TEL CO	-1.10%	3.28%	-0.47%	1.91%	0.32%	-0.26%	-0.03%	4.45%	2.76%
UTC OF INDIANA	4.45%	5.29%	-1.94%	5.47%	-0.51%	3.34%	1.97%	1.31%	4.52%
GTE NORTH INC. - IA	-1.89%	6.34%	1.19%	7.23%	-5.44%	-2.44%	-4.53%	4.00%	-1.21%
NORTHWESTERN BELL-IA	-2.55%	2.14%	0.40%	3.42%	-2.16%	0.79%	-4.37%	4.75%	1.35%
SOUTHWESTERN BELL-KS	-2.69%	1.73%	3.05%	1.54%	4.72%	0.15%	-2.73%	3.95%	0.70%
UTC OF KANSAS	-0.41%	2.40%	2.71%	-1.30%	-1.98%	-6.09%	0.85%	2.38%	7.45%
CINCINNATI BELL-KY	1.15%	1.86%	0.57%	0.84%	2.60%	-0.45%	2.82%	4.08%	-1.85%
GTE SOUTH INC. - KY	13.61%	1.06%	2.97%	4.79%	6.47%	-1.91%	-2.05%	8.25%	4.05%
SO CENTRAL BELL-KY	0.08%	1.33%	0.69%	5.42%	1.85%	-4.93%	2.22%	3.18%	-0.68%
SO CENTRAL BELL-LA	5.95%	4.78%	1.78%	-0.47%	-1.15%	-1.59%	-1.62%	2.20%	2.50%
NEW ENGLAND TEL-ME	2.85%	2.78%	2.33%	2.45%	-4.19%	3.33%	4.60%	0.02%	2.88%
C & P TEL CO OF MD	4.65%	5.36%	2.98%	0.21%	-2.84%	3.29%	2.14%	6.30%	7.42%
NEW ENGLAND TEL-MA	2.96%	2.87%	1.59%	4.52%	0.53%	-1.37%	1.68%	5.32%	-6.90%
GTE NORTH INC. - MI	-0.20%	-0.37%	-0.02%	2.96%	1.57%	0.61%	0.39%	2.20%	-0.77%
MICHIGAN BELL TEL CO	-0.33%	-0.35%	1.78%	0.95%	-1.37%	1.69%	1.70%	8.23%	3.53%
CENTEL OF MN	7.34%	4.17%	7.74%	0.61%	5.79%	2.70%	2.64%	8.26%	2.35%
GTE NORTH INC. - MN	7.20%	2.74%	-2.03%	-3.10%	-2.21%	-5.06%	-6.11%	0.12%	-2.56%
NORTHWESTERN BELL-MN	-0.56%	5.70%	4.41%	4.26%	-0.80%	1.83%	-2.91%	7.84%	-0.12%
SO CENTRAL BELL-MS	0.21%	4.23%	1.98%	2.64%	6.77%	-0.50%	3.21%	5.18%	0.82%
GTE NORTH INC. - MO	-0.43%	5.20%	4.34%	2.29%	1.40%	0.34%	1.31%	-0.47%	-0.40%
SOUTHWESTERN BELL-MO	-0.21%	4.12%	-1.13%	3.98%	3.25%	2.21%	1.24%	1.65%	-1.91%



TABLE 4.9 B  
 LOCAL DIAL EQUIPMENT MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	2.48%	6.41%	1.40%	0.79%	-0.40%	-1.07%	4.68%	1.12%	6.51%
GTE NORTHWEST INC-MT	4.07%	-3.64%	18.61%	1.51%	1.48%	-2.66%	-2.05%	-7.56%	0.02%
MOUNTAIN BELL-MT	-1.31%	3.07%	0.22%	3.52%	0.22%	2.14%	-4.60%	10.49%	3.40%
GTE NORTH INC. - NE	-7.42%	13.39%	3.98%	1.70%	-4.38%	-2.60%	-2.97%	-0.70%	-0.73%
LINCOLN TEL & TEL CO	1.44%	4.35%	5.53%	4.93%	1.08%	-0.06%	1.41%	-0.11%	1.71%
NORTHWESTERN BELL-NE	1.50%	4.52%	3.34%	9.87%	-6.28%	-0.89%	-1.70%	4.45%	-3.03%
CENTEL OF NV	5.02%	1.29%	2.84%	-2.14%	9.59%	12.23%	3.57%	23.32%	9.75%
NEVADA BELL	4.30%	5.38%	3.66%	4.32%	0.22%	2.57%	7.55%	0.99%	5.09%
NEW ENGLAND TEL-NH	3.20%	3.10%	2.46%	9.38%	1.34%	0.87%	3.09%	10.96%	-6.93%
NEW JERSEY BELL	3.17%	-1.05%	0.94%	2.40%	-2.18%	-0.80%	-0.14%	5.52%	1.06%
GTE SOUTHWEST INC-NM	2.93%	4.51%	-0.68%	-1.60%	-3.95%	1.54%	-2.95%	-6.30%	0.95%
MOUNTAIN BELL-NM	-0.97%	1.09%	3.48%	3.81%	3.29%	5.02%	2.12%	7.75%	4.68%
CONTEL OF NY, INC	6.14%	2.42%	2.94%	2.88%	2.49%	2.99%	3.62%	-8.96%	3.48%
NEW YORK TEL CO	4.53%	3.14%	5.03%	7.46%	6.17%	1.01%	0.79%	3.89%	0.21%
CAROLINA TEL & TEL	0.78%	4.28%	3.33%	6.67%	2.85%	2.12%	2.78%	1.83%	2.40%
CENTEL OF NC	3.07%	4.04%	3.93%	3.26%	4.40%	2.69%	4.42%	1.86%	0.10%
GTE SOUTH INC - NC	0.57%	7.10%	5.28%	6.62%	3.71%	-4.89%	-0.15%	12.21%	8.58%
SOUTHERN BELL-NC	0.15%	0.94%	2.12%	9.06%	5.17%	4.23%	-3.94%	4.80%	6.59%
NORTHWESTERN BELL-ND	1.96%	5.37%	-0.11%	3.21%	-2.58%	-3.60%	-3.26%	6.66%	-7.09%
CENTEL OF OHIO #	-2.82%	-4.78%	1.36%	5.07%	-5.02%	9.23%	-11.09%	5.42%	24.66%
CINCINNATI BELL-OH	-3.04%	2.46%	1.55%	6.13%	-3.04%	-0.10%	-0.14%	8.76%	-1.44%
GTE NORTH INC. - OH	3.78%	1.82%	1.36%	6.41%	1.03%	4.78%	-0.05%	0.03%	0.83%
OHIO BELL TEL CO	-1.48%	0.84%	3.46%	4.76%	-1.35%	-5.75%	0.55%	4.66%	-1.38%
UTC OF OHIO	2.45%	1.07%	-1.48%	3.80%	3.33%	5.21%	0.25%	-5.56%	4.05%
GTE SOUTHWEST INC-OK	6.69%	7.28%	0.98%	7.75%	4.23%	-1.11%	-11.26%	0.47%	4.87%
SOUTHWESTERN BELL-OK	1.23%	5.93%	3.49%	-1.34%	-1.68%	-1.38%	-2.63%	0.76%	-0.17%
GTE NORTHWEST INC-OR	5.83%	1.04%	4.46%	6.08%	5.74%	1.05%	3.84%	-0.95%	-2.18%
PACIFIC NW BELL-OR	-0.62%	-3.66%	2.89%	-1.47%	-4.32%	2.29%	-1.84%	9.31%	0.65%
UTC OF THE NW - OR	1.97%	-3.23%	3.39%	4.20%	25.35%	-11.20%	10.76%	3.33%	4.41%
BELL OF PENNSYLVANIA	2.91%	2.70%	-0.05%	-1.65%	-4.21%	5.98%	1.02%	3.37%	4.77%
GTE NORTH INC. - PA	1.07%	1.04%	3.07%	0.80%	0.76%	4.61%	3.73%	2.95%	0.09%
UTC OF PENNSYLVANIA	3.93%	0.60%	1.97%	6.80%	1.31%	1.19%	-0.54%	2.06%	-2.11%
NEW ENGLAND TEL - RI	1.84%	1.81%	1.72%	2.35%	-0.44%	-1.68%	-0.71%	0.72%	-0.21%
GTE SOUTH INC. - SC	0.97%	-0.41%	4.26%	8.95%	3.55%	0.74%	0.80%	2.53%	1.02%
SOUTHERN BELL-SC	-0.58%	2.14%	2.06%	6.83%	4.85%	2.74%	-2.89%	4.95%	6.23%
UTC OF THE CAROLINAS	3.69%	-0.74%	6.05%	-1.72%	6.98%	4.48%	4.08%	8.06%	-12.79%
NORTHWESTERN BELL-SD	-0.95%	3.35%	0.43%	4.56%	1.20%	-0.20%	-4.82%	4.68%	-1.68%
GTE SOUTH INC. - TN	-0.50%	-6.09%	-1.87%	3.39%	2.31%	4.94%	-0.39%	2.96%	-0.21%
SO. CENTRAL BELL -TN	-1.96%	2.34%	0.82%	3.66%	3.90%	4.06%	3.08%	3.08%	-4.04%
UNITED INTER-MT-TN	2.63%	-1.27%	0.95%	-2.07%	3.20%	4.53%	4.71%	5.48%	-10.34%
CENTEL OF TEXAS	8.31%	7.48%	7.41%	5.87%	6.20%	2.27%	-2.38%	20.53%	3.60%
CONTEL OF TEXAS	3.89%	8.61%	4.95%	8.17%	3.37%	4.91%	4.70%	-0.90%	-1.89%
GTE SOUTHWEST INC-TX	7.23%	3.01%	3.67%	6.95%	5.07%	1.39%	-3.51%	2.87%	4.11%
SOUTHWESTERN BELL-TX	5.41%	8.52%	3.64%	1.97%	5.20%	1.87%	-2.83%	2.91%	3.85%
MOUNTAIN BELL-UT	0.64%	4.73%	4.23%	4.22%	0.24%	1.80%	-1.07%	8.20%	2.77%
NEW ENGLAND TEL-VT	6.81%	6.37%	4.62%	0.01%	-1.54%	-0.98%	-2.38%	4.31%	13.25%
CENTEL OF VIRGINIA	3.83%	6.98%	2.22%	-2.87%	8.40%	1.63%	0.52%	2.94%	4.31%

TABLE 4.9 B  
LOCAL DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	0.78%	3.27%	4.70%	2.70%	2.81%	3.80%	3.86%	6.80%	3.67%
GTE SOUTH INC. - VA	-0.75%	1.67%	-4.37%	0.75%	-1.14%	3.33%	-2.51%	2.50%	-0.47%
UNITED INTER-MT-VA	0.00%	0.68%	3.21%	-11.97%	-6.85%	0.76%	1.79%	6.96%	4.01%
GTE NORTHWEST INC-WA	-2.07%	2.51%	3.92%	7.14%	6.67%	8.43%	7.35%	10.56%	-0.21%
PACIFIC NW BELL-WA	1.99%	-0.03%	5.04%	0.36%	-2.95%	6.68%	1.34%	6.15%	3.11%
UTC OF THE NW-WA	2.21%	3.33%	1.34%	-1.36%	4.73%	-3.37%	2.04%	-3.93%	3.16%
C & P TEL CO OF WV	1.49%	-0.79%	0.51%	0.61%	0.22%	-0.41%	3.23%	0.77%	0.97%
GTE SOUTH INC. - WV	-0.65%	4.69%	-1.67%	0.96%	-2.90%	2.24%	-2.27%	2.81%	-0.12%
GTE NORTH INC. - WI	1.78%	2.03%	0.11%	1.88%	2.03%	1.73%	-0.57%	-0.24%	0.06%
WISCONSIN BELL	-4.06%	2.01%	-1.22%	0.65%	2.51%	0.89%	-2.59%	8.59%	0.61%
MOUNTAIN BELL-WY	2.25%	4.97%	-4.38%	-2.08%	1.84%	-2.73%	-8.23%	10.01%	-2.46%
FULLY REPORTING TIER 1	2.05%	2.93%	2.79%	2.97%	1.73%	1.38%	0.75%	4.27%	1.65%
UTC OF FLORIDA	N/A	8.33%	3.06%	9.51%	6.94%	8.61%	7.12%	2.28%	8.37%
GTE HAWAIIAN TEL. CO	N/A	N/A	-1.96%	4.75%	5.14%	6.37%	0.19%	5.29%	-0.11%
UTC OF IOWA *	N/A	3.92%	1.20%	-2.44%	1.97%	-1.56%	-0.83%	1.47%	2.74%
UTC OF MINNESOTA	N/A	4.56%	5.12%	1.47%	9.54%	3.01%	1.91%	7.62%	4.03%
UTC OF THE WEST-NE	N/A	-0.51%	3.28%	-8.43%	-0.70%	7.70%	3.42%	3.41%	2.44%
UNITED TEL - NJ, INC	N/A	2.04%	3.36%	10.09%	11.14%	-8.00%	9.43%	7.40%	-4.85%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	3.84%	0.70%	2.55%	6.11%	6.58%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	-1.94%	11.07%	5.39%	11.90%	6.54%
UTC OF TEXAS INC	N/A	N/A	3.25%	-0.57%	-0.15%	8.10%	2.56%	4.64%	1.95%
CONTEL OF VIRGINIA	N/A	5.48%	3.93%	15.20%	7.52%	6.52%	6.36%	10.95%	9.40%
UTC OF THE WEST-WY	N/A	-0.76%	2.66%	1.48%	-2.32%	-4.01%	2.35%	7.86%	0.85%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	4.04%	6.25%	4.03%	6.70%	5.33%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	10.60%	1.97%	5.60%	4.78%	3.17%
TOTAL COST CO.	N/A	N/A	N/A	N/A	2.00%	1.49%	0.95%	4.33%	1.78%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	10.50%	12.82%	9.18%	28.44%	5.94%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	2.07%	1.60%	1.04%	4.61%	1.83%

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.10 A  
STATE DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	132	142	150	159	181	182	201	218	238	244
SO CENTRAL BELL-AL	1,095	1,162	1,213	1,252	1,460	1,684	1,827	1,936	2,007	2,063
MOUNTAIN BELL - AZ	773	854	900	895	1,185	1,455	1,726	1,965	1,600	1,579
GTE SOUTHWEST INC-AR	107	111	108	111	117	133	135	152	168	158
SOUTHWESTERN BELL-AR	881	941	948	971	1,082	1,156	1,199	1,341	1,630	1,705
UTC OF ARKANSAS *	26	26	26	27	28	31	32	34	36	39
CONTEL OF CALIFORNIA	529	584	617	649	690	770	837	824	1,039	1,251
GTC OF CALIFORNIA	7,333	7,881	8,223	8,524	8,913	8,865	10,120	11,210	12,856	12,749
PACIFIC BELL	23,823	25,457	26,028	27,838	32,715	36,590	39,944	42,656	46,005	48,595
WEST COAST TEL OF CA	16	18	17	16	17	18	19	21	27	27
MOUNTAIN BELL-CO	1,199	1,341	1,465	1,519	1,893	2,179	2,367	2,602	2,011	2,088
SOUTHERN NEW ENGLAND	2,463	2,596	2,757	2,867	3,014	3,308	3,641	4,069	4,432	4,599
DIAMOND STATE TEL	113	120	126	144	284	381	203	226	261	298
C & P TEL CO OF WASH	0	0	0	0	0	0	0	0	0	0
CENTEL OF FLORIDA	177	188	212	235	286	367	476	490	535	580
GTE FLORIDA INC.	1,130	1,249	1,334	1,413	2,073	2,310	2,677	3,145	2,837	2,865
SOUTHERN BELL-FL	2,845	3,154	3,456	3,726	5,020	6,239	7,644	7,776	8,308	9,196
GTE SOUTH INC. - GA	260	277	289	307	339	383	432	482	532	540
SOUTHERN BELL-GA	1,785	1,890	1,988	2,024	2,496	3,109	3,110	3,438	3,735	4,035
GTE NORTHWEST INC-ID	76	79	81	87	100	107	110	114	116	123
MOUNTAIN BELL-ID	368	384	391	407	489	551	554	567	526	539
PACIFIC NW BELL-ID	29	29	30	32	35	36	37	39	41	43
CENTEL OF ILLINOIS #	175	181	185	192	217	229	252	284	332	323
GTE NORTH INC. - IL	1,140	1,311	1,386	1,406	1,464	1,534	1,591	1,686	1,939	1,973
ILLINOIS BELL TEL CO	2,788	2,788	2,833	2,996	3,557	3,600	3,801	3,735	3,921	4,247
GTE NORTH INC. - IN	617	652	682	717	772	836	885	978	1,224	1,285
INDIANA BELL TEL CO	1,250	1,317	1,385	1,430	1,746	1,975	2,056	2,176	2,335	2,487
UTC OF INDIANA	248	264	276	290	336	352	374	399	456	507
GTE NORTH INC. - IA	217	227	241	259	259	269	277	293	321	329
NORTHWESTERN BELL-IA	1,147	1,202	1,255	1,288	1,339	1,437	1,517	1,599	1,616	1,621
SOUTHWESTERN BELL-KS	1,176	1,292	1,301	1,320	1,465	1,532	1,527	1,633	1,691	1,857
UTC OF KANSAS	138	142	145	148	145	157	152	153	164	187
CINCINNATI BELL-KY	43	42	48	55	59	76	76	83	96	107
GTE SOUTH INC. - KY	282	324	336	346	378	431	476	551	581	573
SO CENTRAL BELL-KY	775	801	805	825	974	1,064	1,157	1,245	1,290	1,272
SO CENTRAL BELL-LA	1,849	2,066	2,207	2,210	2,900	3,195	2,845	2,752	2,933	3,011
NEW ENGLAND TEL-ME	607	641	675	731	797	916	949	1,062	1,173	1,197
C & P TEL CO OF MD	1,127	1,197	1,254	1,305	1,394	1,590	1,779	2,368	2,465	2,627
NEW ENGLAND TEL-MA	3,831	4,007	4,183	4,513	5,138	5,974	6,843	7,992	7,526	11,863
GTE NORTH INC. - MI	1,090	1,102	1,118	1,148	1,209	1,317	1,422	1,426	1,685	1,685
MICHIGAN BELL TEL CO	5,272	5,536	5,615	5,864	7,820	9,908	10,032	9,756	9,998	10,897
CENTEL OF MN	76	84	90	99	104	114	120	140	134	144
GTE NORTH INC. - MN	6	7	8	9	9	8	8	9	10	10
NORTHWESTERN BELL-MN	1,133	1,200	1,279	1,358	1,517	1,754	1,843	1,993	2,050	2,034
SO CENTRAL BELL-MS	949	982	1,026	1,081	1,294	1,465	1,514	1,690	1,714	1,699
GTE NORTH INC. - MO	168	181	182	189	194	221	241	261	289	292
SOUTHWESTERN BELL-MO	1,558	1,617	1,631	1,593	1,755	1,955	2,040	2,239	2,367	2,565
UTC OF MISSOURI	318	337	345	350	361	399	396	433	571	498

TABLE 4.10 A  
STATE DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	7	8	7	8	9	9	9	10	10	10
MOUNTAIN BELL-MT	440	463	479	511	556	583	638	643	666	661
GTE NORTH INC. - NE	78	78	92	97	101	103	104	113	116	117
LINCOLN TEL & TEL CO	281	300	329	339	356	357	356	420	441	440
NORTHWESTERN BELL-NE	379	404	430	452	557	503	518	555	550	578
CENTEL OF NV	45	50	51	58	49	55	67	76	125	143
NEVADA BELL	81	91	91	96	115	147	177	164	264	236
NEW ENGLAND TEL-NH	469	509	548	611	687	788	942	1,078	1,094	1,245
NEW JERSEY BELL	10,195	10,642	11,336	12,357	14,209	15,231	16,891	18,813	20,073	21,244
GTE SOUTHWEST INC-NM	39	45	50	48	55	61	52	52	53	54
MOUNTAIN BELL-NM	414	444	486	495	602	622	680	724	686	684
CONTEL OF NY, INC	377	421	452	489	557	633	695	774	720	793
NEW YORK TEL CO	4,887	5,195	5,553	6,134	6,499	6,653	7,638	8,698	8,434	8,590
CAROLINA TEL & TEL	877	913	950	1,033	1,155	1,348	1,480	1,504	1,683	1,953
CENTEL OF NC	233	251	257	279	302	338	367	414	476	537
GTE SOUTH INC - NC	147	151	159	171	194	232	263	295	341	256
SOUTHERN BELL-NC	1,632	1,766	1,871	1,973	2,346	2,737	3,083	3,111	3,375	3,800
NORTHWESTERN BELL-ND	281	308	321	325	360	410	402	395	409	397
CENTEL OF OHIO #	85	87	89	87	90	102	117	192	200	184
CINCINNATI BELL-OH	278	294	330	349	356	537	530	583	525	657
GTE NORTH INC. - OH	1,030	1,079	1,132	1,139	1,186	1,279	1,355	1,507	1,724	1,798
OHIO BELL TEL CO	2,943	2,959	3,023	3,077	3,740	4,392	4,846	4,912	4,941	5,277
UTC OF OHIO	700	750	791	821	876	950	987	1,081	1,546	1,164
GTE SOUTHWEST INC-OK	183	207	220	233	242	258	252	266	274	268
SOUTHWESTERN BELL-OK	1,723	1,929	2,100	2,116	2,257	2,426	2,321	2,289	2,322	2,472
GTE NORTHWEST INC-OR	356	371	375	391	403	403	428	480	510	517
PACIFIC NW BELL-OR	1,188	1,122	1,254	1,313	1,406	1,546	1,636	1,769	1,817	1,899
UTC OF THE NW - OR	108	110	108	113	114	137	124	124	138	152
BELL OF PENNSYLVANIA	4,569	4,909	5,225	5,526	8,062	9,635	7,752	8,217	8,817	9,756
GTE NORTH INC. - PA	502	524	550	574	612	666	701	771	937	966
UTC OF PENNSYLVANIA	424	449	464	494	586	623	693	765	838	855
NEW ENGLAND TEL - RI	309	322	335	349	372	404	454	484	535	719
GTE SOUTH INC. - SC	146	148	152	161	176	212	229	248	280	270
SOUTHERN BELL-SC	782	838	846	868	1,073	1,285	1,370	1,465	1,642	1,798
UTC OF THE CAROLINAS	66	68	70	74	95	111	197	216	138	115
NORTHWESTERN BELL-SD	273	289	306	318	344	388	396	433	453	456
GTE SOUTH INC. - TN	55	59	63	66	74	85	88	96	108	109
SO. CENTRAL BELL -TN	1,325	1,429	1,510	1,567	1,961	2,327	2,490	2,740	3,063	3,344
UNITED INTER-MT-TN	140	146	152	161	229	275	319	338	368	343
CENTEL OF TEXAS	144	165	199	209	250	265	279	309	306	325
CONTEL OF TEXAS	310	364	410	418	486	542	558	564	590	665
GTE SOUTHWEST INC-TX	1,656	1,837	1,935	2,030	2,217	2,456	2,552	2,987	2,898	2,786
SOUTHWESTERN BELL-TX	6,984	7,866	8,534	8,300	12,889	14,184	13,925	13,247	12,731	14,318
MOUNTAIN BELL-UT	608	663	650	654	759	860	932	985	897	950
NEW ENGLAND TEL-VT	273	285	296	315	341	357	405	434	476	489
CENTEL OF VIRGINIA	248	275	294	310	359	344	350	420	513	563
C & P TEL CO OF VA	1,589	1,675	1,753	1,827	2,183	2,699	2,766	2,884	3,091	3,441
GTE SOUTH INC. - VA	38	41	41	39	43	50	51	55	60	60

TABLE 4.10 A  
STATE DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	83	84	87	87	100	113	123	133	139	158
GTE NORTHWEST INC-WA	585	615	649	717	788	853	936	1,046	1,227	1,247
PACIFIC NW BELL-WA	1,707	1,863	1,961	2,108	2,487	2,730	2,805	3,153	3,249	3,375
UTC OF THE NW-WA	118	119	127	135	130	146	149	153	157	179
C & P TEL CO OF WV	749	787	807	791	930	1,127	1,079	971	934	897
GTE SOUTH INC. - WV	74	79	79	80	88	101	104	110	115	114
GTE NORTH INC. - WI	524	555	574	594	622	684	722	766	969	1,018
WISCONSIN BELL	1,499	1,588	1,689	1,732	1,880	2,044	2,158	2,301	2,584	2,830
MOUNTAIN BELL-WY	296	289	293	277	318	367	354	348	323	325
<b>FULLY REPORTING TIER 1</b>	<b>128,671</b>	<b>137,255</b>	<b>143,785</b>	<b>150,823</b>	<b>179,452</b>	<b>200,937</b>	<b>213,361</b>	<b>227,923</b>	<b>239,771</b>	<b>257,204</b>
UTC OF FLORIDA	N/A	751	849	993	1,104	1,390	1,451	1,487	1,470	1,621
GTE HAWAIIAN TEL. CO	N/A	N/A	215	251	273	279	328	337	368	370
UTC OF IOWA *	N/A	112	120	122	132	147	147	160	167	179
UTC OF MINNESOTA	N/A	113	123	132	141	166	174	184	202	211
UTC OF THE WEST-NE	N/A	21	22	23	23	29	27	25	28	28
UNITED TEL - NJ, INC	N/A	353	378	410	459	572	669	734	788	752
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	533	569	617	683	713	768
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	704	891	1,017	1,306	1,776	1,655
UTC OF TEXAS INC	N/A	N/A	545	545	632	345	346	351	379	407
CONTEL OF VIRGINIA	N/A	427	466	487	570	771	789	1,003	769	722
UTC OF THE WEST-WY	N/A	6	6	6	6	8	8	7	8	8
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>4,577</b>	<b>5,167</b>	<b>5,574</b>	<b>6,278</b>	<b>6,669</b>	<b>6,722</b>
<b>ALL OTHER COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>10,424</b>	<b>12,003</b>	<b>13,037</b>	<b>13,935</b>	<b>14,507</b>	<b>15,486</b>
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>194,453</b>	<b>218,106</b>	<b>231,972</b>	<b>248,136</b>	<b>260,947</b>	<b>279,412</b>
<b>AVERAGE SCHEDULE CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>3,757</b>	<b>4,322</b>	<b>4,888</b>	<b>5,808</b>	<b>6,963</b>	<b>7,220</b>
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>198,210</b>	<b>222,428</b>	<b>236,860</b>	<b>253,944</b>	<b>267,910</b>	<b>286,632</b>

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.10 B  
STATE DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	7.36%	5.94%	6.15%	13.43%	0.68%	10.20%	8.89%	8.90%	2.60%
SO CENTRAL BELL-AL	6.11%	4.45%	3.22%	16.62%	15.32%	8.47%	5.98%	3.65%	2.78%
MOUNTAIN BELL - AZ	10.47%	5.37%	-0.56%	32.39%	22.83%	18.62%	13.85%	-18.60%	-1.30%
GTE SOUTHWEST INC-AR	3.20%	-2.02%	2.68%	4.64%	13.95%	1.34%	12.77%	10.85%	-6.09%
SOUTHWESTERN BELL-AR	6.76%	0.82%	2.42%	11.39%	6.82%	3.72%	11.82%	21.59%	4.58%
UTC OF ARKANSAS *	-0.15%	1.07%	2.03%	2.88%	12.96%	2.60%	4.84%	7.52%	8.64%
CONTEL OF CALIFORNIA	10.32%	5.73%	5.23%	6.30%	11.55%	8.72%	-1.57%	26.12%	20.44%
GTC OF CALIFORNIA	7.47%	4.34%	3.66%	4.56%	-0.53%	14.15%	10.77%	14.69%	-0.83%
PACIFIC BELL	6.86%	2.25%	6.95%	17.52%	11.84%	9.17%	6.79%	7.85%	5.63%
WEST COAST TEL OF CA	12.52%	-5.75%	-3.11%	3.28%	4.95%	5.57%	14.54%	26.98%	-0.69%
MOUNTAIN BELL-CO	11.83%	9.26%	3.71%	24.58%	15.09%	8.64%	9.93%	-22.72%	3.83%
SOUTHERN NEW ENGLAND	5.41%	6.18%	4.01%	5.11%	9.75%	10.08%	11.76%	8.91%	3.78%
DIAMOND STATE TEL	6.56%	5.10%	13.62%	97.45%	34.17%	-46.69%	11.24%	15.41%	14.35%
C & P TEL CO OF WASH	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CENTEL OF FLORIDA	6.54%	12.67%	10.79%	21.80%	28.16%	29.58%	2.95%	9.23%	8.48%
GTE FLORIDA INC.	10.53%	6.81%	5.92%	46.71%	11.43%	15.89%	17.48%	-9.79%	0.99%
SOUTHERN BELL-FL	10.83%	9.59%	7.83%	34.72%	24.28%	22.51%	1.74%	6.84%	10.69%
GTE SOUTH INC. - GA	6.61%	4.09%	6.55%	10.24%	13.01%	12.82%	11.60%	10.34%	1.48%
SOUTHERN BELL-GA	5.87%	5.17%	1.81%	23.34%	24.56%	0.04%	10.53%	8.66%	8.03%
GTE NORTHWEST INC-ID	4.34%	2.04%	7.02%	15.66%	7.01%	2.37%	3.97%	2.06%	5.66%
MOUNTAIN BELL-ID	4.42%	1.79%	4.22%	19.92%	12.70%	0.71%	2.19%	-7.18%	2.41%
PACIFIC NW BELL-ID	0.44%	2.60%	6.86%	9.49%	2.85%	3.26%	4.14%	6.90%	3.76%
CENTEL OF ILLINOIS #	3.18%	2.37%	3.80%	12.98%	5.32%	10.30%	12.62%	16.90%	-2.81%
GTE NORTH INC. - IL	14.99%	5.72%	1.47%	4.11%	4.78%	3.73%	5.98%	14.97%	1.77%
ILLINOIS BELL TEL CO	0.02%	1.61%	5.75%	18.74%	1.19%	5.61%	-1.75%	4.97%	8.32%
GTE NORTH INC. - IN	5.74%	4.47%	5.17%	7.70%	8.29%	5.84%	10.55%	25.11%	5.00%
INDIANA BELL TEL CO	5.33%	5.18%	3.30%	22.04%	13.13%	4.11%	5.85%	7.27%	6.53%
UTC OF INDIANA	6.68%	4.64%	4.75%	15.95%	4.93%	6.10%	6.79%	14.28%	11.17%
GTE NORTH INC. - IA	4.44%	6.53%	7.18%	-0.06%	4.01%	3.02%	5.69%	9.46%	2.61%
NORTHWESTERN BELL-IA	4.79%	4.35%	2.65%	3.99%	7.35%	5.54%	5.39%	1.06%	0.31%
SOUTHWESTERN BELL-KS	9.83%	0.76%	1.41%	11.00%	4.57%	-0.32%	6.92%	3.58%	9.83%
UTC OF KANSAS	3.06%	1.88%	2.03%	-1.78%	8.42%	-3.17%	0.84%	7.06%	14.10%
CINCINNATI BELL-KY	-2.89%	13.53%	14.92%	7.96%	27.97%	-0.14%	9.23%	15.59%	11.21%
GTE SOUTH INC. - KY	14.82%	3.72%	3.09%	9.16%	14.05%	10.42%	15.81%	5.43%	-1.39%
SO CENTRAL BELL-KY	3.31%	0.55%	2.49%	18.07%	9.23%	8.72%	7.64%	3.57%	-1.39%
SO CENTRAL BELL-LA	11.74%	6.85%	0.13%	31.22%	10.15%	-10.95%	-3.26%	6.57%	2.65%
NEW ENGLAND TEL-ME	5.54%	5.25%	8.32%	9.08%	14.98%	3.60%	11.86%	10.43%	2.08%
C & P TEL CO OF MD	6.18%	4.81%	4.05%	6.85%	14.05%	11.86%	33.08%	4.13%	6.53%
NEW ENGLAND TEL-MA	4.59%	4.39%	7.89%	13.85%	16.26%	14.55%	16.80%	-5.83%	57.63%
GTE NORTH INC. - MI	1.10%	1.45%	2.69%	5.32%	8.91%	7.95%	0.28%	18.19%	-0.01%
MICHIGAN BELL TEL CO	5.01%	1.44%	4.43%	33.36%	26.71%	1.24%	-2.75%	2.48%	8.99%
CENTEL OF MN	9.77%	8.13%	9.29%	5.13%	10.02%	5.05%	16.75%	-4.19%	7.51%
GTE NORTH INC. - MN	17.12%	11.52%	9.45%	-3.67%	-6.36%	4.64%	5.09%	8.04%	5.21%
NORTHWESTERN BELL-MN	5.94%	6.56%	6.15%	11.70%	15.68%	5.05%	8.15%	2.83%	-0.78%
SO CENTRAL BELL-MS	3.45%	4.44%	5.39%	19.67%	13.28%	3.34%	11.61%	1.40%	-0.86%
GTE NORTH INC. - MO	7.67%	0.71%	3.95%	2.50%	13.86%	9.10%	8.33%	10.82%	0.88%
SOUTHWESTERN BELL-MO	3.80%	0.90%	-2.36%	10.21%	11.37%	4.36%	9.75%	5.70%	8.35%

TABLE 4.10 B  
STATE DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	6.07%	2.34%	1.40%	2.97%	10.73%	-0.90%	9.38%	31.91%	-12.70%
GTE NORTHWEST INC-MT	10.06%	-2.63%	7.52%	11.02%	3.60%	3.92%	2.76%	0.94%	2.44%
MOUNTAIN BELL-MT	5.28%	3.43%	6.68%	8.83%	4.87%	9.32%	0.87%	3.59%	-0.83%
GTE NORTH INC. - NE	0.15%	17.82%	5.93%	3.85%	1.73%	1.43%	8.11%	2.51%	1.06%
LINCOLN TEL & TEL CO	6.65%	9.72%	3.11%	5.02%	0.32%	-0.31%	17.87%	5.06%	-0.28%
NORTHWESTERN BELL-NE	6.84%	6.34%	5.15%	23.10%	-9.64%	2.95%	7.09%	-0.86%	5.20%
CENDEL OF NV	10.95%	2.43%	13.49%	-14.80%	12.32%	20.70%	14.22%	64.44%	14.25%
NEVADA BELL	12.13%	0.70%	5.13%	19.67%	27.65%	20.66%	-7.05%	60.39%	-10.68%
NEW ENGLAND TEL-NH	8.52%	7.85%	11.42%	12.34%	14.73%	19.65%	14.36%	1.47%	13.85%
NEW JERSEY BELL	4.39%	6.53%	9.01%	14.98%	7.19%	10.90%	11.38%	6.69%	5.84%
GTE SOUTHWEST INC-NM	13.61%	11.59%	-2.66%	12.96%	11.14%	-14.06%	-0.39%	2.81%	1.08%
MOUNTAIN BELL-NM	7.17%	9.51%	1.86%	21.60%	3.43%	9.28%	6.47%	-5.28%	-0.29%
CONTEL OF NY, INC	11.69%	7.31%	8.09%	13.84%	13.78%	9.78%	11.34%	-6.98%	10.09%
NEW YORK TEL CO	6.30%	6.89%	10.48%	5.94%	2.37%	14.80%	13.88%	-3.03%	1.84%
CAROLINA TEL & TEL	4.04%	4.12%	8.69%	11.84%	16.69%	9.80%	1.66%	11.87%	16.06%
CENDEL OF NC	8.07%	2.37%	8.42%	8.11%	11.95%	8.60%	12.84%	15.01%	12.90%
GTE SOUTH INC - NC	2.84%	4.88%	7.65%	13.67%	19.58%	13.16%	12.53%	15.54%	-25.00%
SOUTHERN BELL-NC	8.23%	5.91%	5.50%	18.89%	16.65%	12.66%	0.89%	8.49%	12.60%
NORTHWESTERN BELL-ND	9.35%	4.24%	1.33%	10.87%	13.90%	-1.97%	-1.77%	3.49%	-2.85%
CENDEL OF OHIO #	2.11%	2.59%	-2.02%	3.12%	12.93%	14.88%	64.66%	4.20%	-7.85%
CINCINNATI BELL-OH	5.75%	12.32%	5.81%	1.88%	51.14%	-1.46%	10.16%	-10.03%	25.07%
GTE NORTH INC. - OH	4.80%	4.87%	0.66%	4.08%	7.85%	5.98%	11.21%	14.41%	4.26%
OHIO BELL TEL CO	0.54%	2.16%	1.80%	21.54%	17.44%	10.34%	1.37%	0.59%	6.80%
UTC OF OHIO	7.21%	5.48%	3.76%	6.62%	8.51%	3.83%	9.60%	43.01%	-24.75%
GTE SOUTHWEST INC-OK	13.04%	5.93%	6.29%	3.57%	6.56%	-2.35%	5.80%	2.92%	-2.19%
SOUTHWESTERN BELL-OK	11.92%	8.86%	0.78%	6.63%	7.51%	-4.32%	-1.38%	1.44%	6.48%
GTE NORTHWEST INC-OR	4.14%	1.18%	4.13%	3.31%	-0.14%	6.35%	12.09%	6.27%	1.29%
PACIFIC NW BELL-OR	-5.58%	11.76%	4.72%	7.12%	9.90%	5.83%	8.14%	2.73%	4.50%
UTC OF THE NW - OR	1.92%	-1.72%	4.49%	0.97%	20.18%	-9.40%	-0.65%	11.81%	10.17%
BELL OF PENNSYLVANIA	7.45%	6.43%	5.76%	45.89%	19.51%	-19.54%	6.00%	7.30%	10.65%
GTE NORTH INC. - PA	4.38%	4.96%	4.36%	6.62%	8.82%	5.23%	10.05%	21.48%	3.11%
UTC OF PENNSYLVANIA	5.97%	3.37%	6.32%	18.70%	6.38%	11.23%	10.29%	9.63%	2.00%
NEW ENGLAND TEL - RI	4.26%	4.09%	4.29%	6.41%	8.77%	12.22%	6.67%	10.50%	34.47%
GTE SOUTH INC. - SC	1.37%	2.67%	5.82%	9.45%	20.45%	8.19%	8.18%	12.82%	-3.55%
SOUTHERN BELL-SC	7.16%	1.00%	2.54%	23.67%	19.75%	6.58%	6.98%	12.07%	9.53%
UTC OF THE CAROLINAS	3.38%	1.86%	5.78%	28.85%	17.68%	76.60%	9.62%	-36.07%	-16.46%
NORTHWESTERN BELL-SD	5.74%	6.01%	3.75%	8.13%	12.81%	2.08%	9.47%	4.55%	0.64%
GTE SOUTH INC. - TN	7.27%	6.53%	5.33%	11.02%	15.64%	3.19%	9.80%	11.69%	1.34%
SO. CENTRAL BELL -TN	7.87%	5.67%	3.75%	25.14%	18.67%	7.01%	10.01%	11.79%	9.19%
UNITED INTER-MT-TN	4.10%	4.09%	6.19%	42.32%	20.08%	15.92%	5.77%	9.07%	-6.74%
CENDEL OF TEXAS	14.25%	20.86%	5.22%	19.70%	5.71%	5.43%	10.64%	-1.01%	6.21%
CONTEL OF TEXAS	17.56%	12.56%	1.89%	16.26%	11.64%	2.97%	1.00%	4.61%	12.64%
GTE SOUTHWEST INC-TX	10.92%	5.37%	4.91%	9.20%	10.78%	3.91%	17.03%	-2.96%	-3.88%
SOUTHWESTERN BELL-TX	12.63%	8.49%	-2.75%	55.30%	10.05%	-1.83%	-4.87%	-3.90%	12.47%
MOUNTAIN BELL-UT	9.02%	-1.97%	0.59%	16.20%	13.21%	8.40%	5.73%	-9.00%	5.94%
NEW ENGLAND TEL-VT	4.22%	4.05%	6.24%	8.47%	4.52%	13.59%	6.96%	9.76%	2.82%
CENDEL OF VIRGINIA	10.85%	6.74%	5.63%	15.75%	-4.31%	1.86%	19.96%	22.27%	9.58%

TABLE 4.10 B  
STATE DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	5.42%	4.63%	4.22%	19.51%	23.63%	2.50%	4.24%	7.20%	11.32%
GTE SOUTH INC. - VA	8.08%	0.43%	-3.93%	9.89%	15.85%	1.81%	7.72%	8.99%	0.39%
UNITED INTER-MT-VA	0.83%	3.71%	0.24%	14.73%	13.05%	9.00%	8.13%	4.25%	13.78%
GTE NORTHWEST INC-WA	5.13%	5.50%	10.44%	10.03%	8.17%	9.77%	11.73%	17.27%	1.66%
PACIFIC NW BELL-WA	9.11%	5.26%	7.50%	18.00%	9.75%	2.76%	12.41%	3.03%	3.89%
UTC OF THE NW-WA	1.38%	6.11%	6.29%	-3.20%	11.99%	2.28%	2.66%	2.51%	14.07%
C & P TEL CO OF WV	5.06%	2.54%	-1.99%	17.57%	21.18%	-4.28%	-10.02%	-3.82%	-3.96%
GTE SOUTH INC. - WV	6.76%	0.26%	0.92%	10.39%	14.47%	3.05%	6.16%	4.17%	-0.96%
GTE NORTH INC. - WI	5.82%	3.49%	3.51%	4.73%	9.95%	5.60%	6.00%	26.63%	5.00%
WISCONSIN BELL	5.90%	6.37%	2.52%	8.57%	8.72%	5.60%	6.61%	12.30%	9.54%
MOUNTAIN BELL-WY	-2.26%	1.23%	-5.39%	15.03%	15.23%	-3.53%	-1.76%	-7.10%	0.74%
FULLY REPORTING TIER 1	6.67%	4.76%	4.89%	18.98%	11.97%	6.18%	6.82%	5.20%	7.27%
UTC OF FLORIDA	N/A	12.98%	17.01%	11.16%	25.86%	4.38%	2.53%	-1.18%	10.32%
GTE HAWAIIAN TEL. CO	N/A	N/A	16.49%	8.89%	2.14%	17.57%	2.69%	9.28%	0.52%
UTC OF IOWA *	N/A	7.85%	1.65%	7.58%	11.41%	0.62%	8.59%	4.07%	7.67%
UTC OF MINNESOTA	N/A	8.97%	7.38%	6.90%	17.75%	4.38%	5.79%	10.12%	4.23%
UTC OF THE WEST-NE	N/A	5.64%	5.69%	-1.10%	25.36%	-5.94%	-5.11%	9.70%	1.84%
UNITED TEL - NJ, INC	N/A	7.19%	8.24%	11.93%	24.78%	16.93%	9.75%	7.36%	-4.65%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	6.74%	8.40%	10.62%	4.50%	7.60%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	26.52%	14.20%	28.33%	36.04%	-6.82%
UTC OF TEXAS INC	N/A	N/A	-0.04%	15.96%	-45.35%	0.26%	1.42%	7.99%	7.28%
CONTEL OF VIRGINIA	N/A	9.06%	4.48%	17.16%	35.32%	2.35%	27.04%	-23.30%	-6.15%
UTC OF THE WEST-WY	N/A	-6.57%	5.15%	-4.04%	25.03%	0.27%	-3.56%	7.26%	7.05%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	12.89%	7.87%	12.63%	6.24%	0.79%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	15.14%	8.62%	6.89%	4.10%	6.74%
TOTAL COST CO.	N/A	N/A	N/A	N/A	12.16%	6.36%	6.97%	5.16%	7.08%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	15.04%	13.11%	18.81%	19.89%	3.70%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	12.22%	6.49%	7.21%	5.50%	6.99%

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED



TABLE 4.11 A  
 INTERSTATE DIAL EQUIPMENT MINUTES  
 BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	132	146	153	161	196	200	229	272	275	273
SO CENTRAL BELL-AL	1,498	1,603	1,675	1,781	2,149	2,829	3,104	3,220	3,477	4,019
MOUNTAIN BELL - AZ	2,119	2,264	2,394	2,640	3,351	4,106	4,544	5,055	5,462	5,563
GTE SOUTHWEST INC-AR	72	77	77	78	84	102	111	145	154	146
SOUTHWESTERN BELL-AR	824	909	957	1,032	1,273	1,614	1,711	1,832	1,876	1,973
UTC OF ARKANSAS *	17	19	20	20	21	26	29	32	36	38
CONTEL OF CALIFORNIA	131	140	153	170	185	222	251	302	388	492
GTC OF CALIFORNIA	2,075	2,194	2,237	2,374	2,468	2,962	3,676	4,605	5,506	5,430
PACIFIC BELL	10,031	10,573	11,370	13,237	16,923	19,495	19,785	20,695	21,448	23,602
WEST COAST TEL OF CA	9	11	10	11	12	12	12	13	16	18
MOUNTAIN BELL-CO	2,569	2,947	3,253	3,496	4,151	4,761	5,274	5,309	5,670	5,770
SOUTHERN NEW ENGLAND	2,846	2,997	3,135	3,425	4,214	5,062	5,518	6,000	6,394	6,390
DIAMOND STATE TEL	630	649	660	716	898	1,101	1,211	1,302	1,445	1,615
C & P TEL CO OF WASH	1,324	1,397	1,500	1,770	2,448	3,336	3,495	2,871	2,419	2,704
CENTEL OF FLORIDA	197	223	246	275	303	418	514	614	663	670
GTE FLORIDA INC.	1,443	1,688	1,856	1,964	2,357	2,714	3,317	4,062	4,073	3,990
SOUTHERN BELL-FL	4,630	5,039	5,531	6,195	7,383	8,396	9,714	11,602	13,643	15,067
GTE SOUTH INC.- GA	159	166	170	183	216	242	269	325	344	349
SOUTHERN BELL-GA	3,363	3,632	3,886	4,078	4,806	5,635	6,351	7,463	8,219	8,939
GTE NORTHWEST INC-ID	127	136	136	145	179	195	199	214	244	288
MOUNTAIN BELL-ID	418	449	468	515	636	832	834	867	898	943
PACIFIC NW BELL-ID	38	39	38	42	48	53	57	64	72	76
CENTEL OF ILLINOIS #	213	223	218	244	275	299	375	510	769	776
GTE NORTH INC. - IL	458	556	587	609	629	678	714	842	1,006	1,050
ILLINOIS BELL TEL CO	6,460	6,655	7,067	7,603	9,393	10,831	10,963	12,454	13,902	15,118
GTE NORTH INC. - IN	670	717	724	759	829	945	1,055	1,176	1,472	1,603
INDIANA BELL TEL CO	1,780	1,908	2,036	2,220	2,547	3,310	3,311	3,641	3,922	4,112
UTC OF INDIANA	146	167	174	183	196	206	223	259	304	367
GTE NORTH INC. - IA	87	96	104	112	119	129	139	151	166	168
NORTHWESTERN BELL-IA	1,100	1,158	1,228	1,384	1,808	2,460	2,659	2,581	2,675	2,580
SOUTHWESTERN BELL-KS	1,161	1,272	1,322	1,458	1,774	2,162	2,301	2,592	2,848	3,046
UTC OF KANSAS	94	96	98	106	108	118	128	142	163	197
CINCINNATI BELL-KY	97	101	119	148	160	234	235	254	281	285
GTE SOUTH INC. - KY	305	354	363	367	412	484	533	715	712	690
SO CENTRAL BELL-KY	1,048	1,096	1,126	1,165	1,417	1,715	1,913	2,016	2,195	2,577
SO CENTRAL BELL-LA	1,911	2,109	2,248	2,411	2,886	3,605	3,602	3,535	3,916	4,801
NEW ENGLAND TEL-ME	481	529	577	644	742	897	1,037	1,065	1,151	1,133
C & P TEL CO OF MD	2,833	2,981	3,097	3,346	3,872	4,749	5,439	6,263	6,877	7,126
NEW ENGLAND TEL-MA	4,000	4,340	4,679	4,971	6,555	7,551	8,415	8,886	9,645	9,949
GTE NORTH INC. - MI	330	342	353	373	419	470	520	593	735	769
MICHIGAN BELL TEL CO	3,297	3,430	3,562	3,897	5,066	6,273	7,012	7,367	7,780	8,753
CENTEL OF MN	48	53	55	60	71	81	93	104	146	162
GTE NORTH INC. - MN	3	3	4	4	4	4	4	4	5	5
NORTHWESTERN BELL-MN	1,799	1,920	1,848	2,242	2,525	3,433	4,044	4,077	4,360	4,245
SO CENTRAL BELL-MS	1,073	1,152	1,204	1,278	1,477	1,940	2,190	2,296	2,460	2,933
GTE NORTH INC. - MO	97	100	104	117	134	151	182	211	254	259
SOUTHWESTERN BELL-MO	2,662	2,738	2,897	3,082	3,722	4,899	4,960	5,172	5,532	5,846
UTC OF MISSOURI	157	174	196	214	197	284	307	320	362	416

TABLE 4.11 A  
INTERSTATE DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	8	9	9	10	12	13	14	14	15	15
MOUNTAIN BELL-MT	406	457	473	474	553	681	678	717	812	859
GTE NORTH INC. - NE	36	35	41	44	49	54	58	78	87	87
LINCOLN TEL & TEL CO	214	226	235	234	292	317	355	430	498	510
NORTHWESTERN BELL-NE	725	790	819	875	1,093	1,290	1,401	1,547	1,701	1,456
CENDEL OF NV	730	803	777	791	975	922	1,066	1,246	1,678	1,546
NEVADA BELL	377	411	430	490	570	628	648	587	795	745
NEW ENGLAND TEL-NH	807	877	957	1,074	1,279	1,566	1,877	1,984	1,963	2,193
NEW JERSEY BELL	7,180	7,573	8,022	8,784	10,634	13,144	13,356	14,824	16,441	17,452
GTE SOUTHWEST INC-NM	72	84	88	83	88	95	85	100	100	100
MOUNTAIN BELL-NM	701	766	834	889	1,059	1,344	1,488	1,641	1,580	1,732
CONTEL OF NY, INC	132	147	159	174	205	254	291	338	341	382
NEW YORK TEL CO	10,951	11,793	12,969	14,543	18,537	22,080	24,005	25,544	27,428	29,117
CAROLINA TEL & TEL	621	654	698	788	929	1,161	1,339	1,669	1,881	2,110
CENDEL OF NC	127	139	142	161	188	215	244	288	345	365
GTE SOUTH INC - NC	137	157	172	193	221	259	277	373	398	394
SOUTHERN BELL-NC	1,551	1,743	1,856	2,058	2,384	2,756	3,190	4,000	4,293	4,868
NORTHWESTERN BELL-ND	299	335	347	365	418	554	580	623	650	681
CENDEL OF OHIO #	42	44	47	48	63	76	86	112	117	100
CINCINNATI BELL-OH	654	697	800	852	924	1,588	1,611	1,646	1,599	1,674
GTE NORTH INC. - OH	519	560	547	557	609	686	799	942	1,077	1,225
OHIO BELL TEL CO	3,392	3,535	3,873	4,176	5,209	5,486	6,889	7,121	7,218	7,654
UTC OF OHIO	324	347	376	404	465	561	581	676	1,078	916
GTE SOUTHWEST INC-OK	105	122	131	132	143	170	186	247	231	233
SOUTHWESTERN BELL-OK	1,593	1,759	1,997	2,034	2,443	2,819	2,723	2,921	3,072	3,328
GTE NORTHWEST INC-OR	297	324	321	336	360	384	470	563	684	716
PACIFIC NW BELL-OR	1,206	1,288	1,304	1,312	1,870	2,034	2,341	2,469	2,615	2,718
UTC OF THE NW - OR	48	49	50	54	61	76	76	76	95	105
BELL OF PENNSYLVANIA	5,524	5,869	6,296	6,972	8,829	10,510	10,175	10,902	12,043	13,179
GTE NORTH INC. - PA	362	370	391	400	424	490	576	684	827	896
UTC OF PENNSYLVANIA	193	210	214	228	296	330	363	412	473	520
NEW ENGLAND TEL - RI	718	763	808	880	1,049	1,253	1,408	1,530	1,590	1,849
GTE SOUTH INC. - SC	151	165	172	193	219	249	282	373	402	407
SOUTHERN BELL-SC	1,060	1,169	1,248	1,394	1,587	1,734	2,292	2,684	2,923	3,235
UTC OF THE CAROLINAS	70	75	81	87	103	113	215	231	161	153
NORTHWESTERN BELL-SD	301	328	351	384	451	533	679	692	749	747
GTE SOUTH INC. - TN	42	49	53	56	61	73	76	85	101	103
SO. CENTRAL BELL -TN	2,069	2,245	2,532	2,787	3,578	4,358	4,717	5,011	5,231	5,974
UNITED INTER-MT-TN	175	186	197	208	227	274	331	391	403	344
CENDEL OF TEXAS	116	128	137	151	199	220	272	297	326	331
CONTEL OF TEXAS	70	81	93	94	118	165	161	164	200	283
GTE SOUTHWEST INC-TX	793	875	886	917	1,054	1,253	1,446	2,183	2,008	1,968
SOUTHWESTERN BELL-TX	5,462	6,304	7,266	7,703	9,654	12,695	12,463	13,112	13,867	14,648
MOUNTAIN BELL-UT	828	936	983	1,240	1,385	1,825	1,806	1,739	1,954	2,016
NEW ENGLAND TEL-VT	393	421	449	491	567	632	715	804	884	812
CENDEL OF VIRGINIA	214	232	248	278	299	356	386	453	536	616
C & P TEL CO OF VA	2,633	2,785	2,911	3,216	4,059	4,694	5,059	5,987	6,478	7,359
GTE SOUTH INC. - VA	37	39	39	37	43	47	49	55	70	69

TABLE 4.11 A  
INTERSTATE DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	92	93	98	102	113	124	142	147	176	218
GTE NORTHWEST INC-WA	388	424	445	482	534	599	670	855	1,108	1,241
PACIFIC NW BELL-WA	1,751	1,929	2,054	2,211	2,648	3,699	3,706	4,024	4,322	4,459
UTC OF THE NW-WA	53	55	57	62	69	76	77	79	77	90
C & P TEL CO OF WV	812	862	869	911	1,055	1,179	1,261	1,394	1,402	1,530
GTE SOUTH INC. - WV	95	101	99	99	117	126	140	162	190	187
GTE NORTH INC. - WI	269	290	296	314	353	405	440	475	608	697
WISCONSIN BELL	1,522	1,645	1,814	1,979	2,478	2,954	3,204	3,404	3,682	4,084
MOUNTAIN BELL-WY	466	497	535	528	598	673	675	673	711	736
FULLY REPORTING TIER 1	126,870	136,421	146,009	159,646	195,443	235,072	253,060	275,871	298,650	319,354
UTC OF FLORIDA	N/A	895	1,005	1,077	1,115	1,388	1,612	1,947	2,096	2,353
GTE HAWAIIAN TEL. CO	N/A	N/A	449	529	558	737	961	1,417	1,498	1,458
UTC OF IOWA *	N/A	49	54	57	66	87	92	104	108	125
UTC OF MINNESOTA	N/A	48	50	54	60	80	92	109	135	168
UTC OF THE WEST-NE	N/A	33	34	35	35	44	43	46	61	67
UNITED TEL - NJ, INC	N/A	143	153	171	194	255	286	346	389	406
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	459	535	618	661	748	825
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	502	626	731	866	1,169	1,116
UTC OF TEXAS INC	N/A	N/A	104	96	124	70	73	93	109	151
CONTEL OF VIRGINIA	N/A	304	331	358	483	604	729	933	1,069	1,188
UTC OF THE WEST-WY	N/A	10	10	10	11	14	15	16	18	18
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	3,607	4,440	5,253	6,538	7,401	7,875
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	6,722	7,931	8,758	9,239	10,223	11,681
TOTAL COST CO.	N/A	N/A	N/A	N/A	205,772	247,443	267,071	291,648	316,273	338,910
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	2,422	2,855	3,361	4,025	4,774	5,510
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	208,195	250,298	270,432	295,673	321,047	344,420

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUIRED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SL

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.11 B  
 INTERSTATE DIAL EQUIPMENT MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	10.91%	4.74%	5.16%	21.70%	1.92%	14.44%	18.79%	1.15%	-0.73%
SO CENTRAL BELL-AL	7.05%	4.44%	6.33%	20.68%	31.65%	9.73%	3.74%	7.96%	15.61%
MOUNTAIN BELL - AZ	6.84%	5.72%	10.27%	26.97%	22.50%	10.69%	11.23%	8.05%	1.86%
GTE SOUTHWEST INC-AR	8.31%	-0.02%	0.99%	7.21%	21.11%	8.81%	30.84%	6.49%	-5.19%
SOUTHWESTERN BELL-AR	10.37%	5.29%	7.85%	23.33%	26.80%	5.97%	7.09%	2.40%	5.19%
UTC OF ARKANSAS *	10.44%	4.11%	2.07%	5.25%	20.08%	13.28%	11.68%	10.39%	7.55%
CONTEL OF CALIFORNIA	6.73%	9.38%	10.88%	8.83%	20.01%	13.38%	20.06%	28.59%	26.73%
GTC OF CALIFORNIA	5.74%	1.98%	6.11%	3.94%	20.02%	24.10%	25.27%	19.58%	-1.38%
PACIFIC BELL	5.40%	7.54%	16.42%	27.84%	15.20%	1.49%	4.60%	3.64%	10.04%
WEST COAST TEL OF CA	18.33%	-3.30%	5.83%	7.94%	1.10%	-3.48%	9.13%	22.45%	15.67%
MOUNTAIN BELL-CO	14.74%	10.38%	7.46%	18.73%	14.70%	10.78%	0.65%	6.81%	1.76%
SOUTHERN NEW ENGLAND	5.31%	4.63%	9.24%	23.04%	20.12%	9.01%	8.74%	6.55%	-0.05%
DIAMOND STATE TEL	3.00%	1.81%	8.34%	25.44%	22.62%	10.02%	7.56%	10.94%	11.80%
C & P TEL CO OF WASH	5.46%	7.38%	18.00%	38.32%	36.29%	4.77%	-17.87%	-15.74%	11.79%
CENDEL OF FLORIDA	12.98%	10.74%	11.74%	10.14%	37.72%	23.12%	19.29%	8.03%	1.11%
GTE FLORIDA INC.	16.98%	9.95%	5.82%	20.01%	15.15%	22.22%	22.46%	0.27%	-2.04%
SOUTHERN BELL-FL	8.82%	9.76%	12.01%	19.18%	13.72%	15.70%	19.44%	17.60%	10.44%
GTE SOUTH INC. - GA	4.51%	2.05%	7.69%	18.33%	12.00%	11.06%	20.87%	5.93%	1.41%
SOUTHERN BELL-GA	7.99%	6.98%	4.95%	17.83%	17.26%	12.70%	17.52%	10.13%	8.76%
GTE NORTHWEST INC-ID	6.76%	0.04%	6.66%	23.79%	9.02%	2.12%	7.52%	13.73%	18.14%
MOUNTAIN BELL-ID	7.29%	4.43%	9.86%	23.63%	30.78%	0.28%	3.95%	3.51%	5.04%
PACIFIC NW BELL-ID	1.41%	-1.21%	10.31%	13.78%	10.57%	7.60%	11.77%	12.48%	5.89%
CENDEL OF ILLINOIS #	5.00%	-2.27%	11.82%	12.73%	8.57%	25.56%	35.89%	50.94%	0.92%
GTE NORTH INC. - IL	21.34%	5.66%	3.66%	3.31%	7.82%	5.36%	17.81%	19.57%	4.34%
ILLINOIS BELL TEL CO	3.01%	6.20%	7.59%	23.55%	15.31%	1.22%	13.60%	11.62%	8.75%
GTE NORTH INC. - IN	7.03%	0.96%	4.78%	9.29%	13.99%	11.61%	11.53%	25.13%	8.90%
INDIANA BELL TEL CO	7.19%	6.73%	9.04%	14.72%	29.96%	0.02%	9.98%	7.70%	4.84%
UTC OF INDIANA	14.53%	4.10%	5.69%	6.80%	5.23%	8.17%	16.05%	17.52%	20.55%
GTE NORTH INC. - IA	10.70%	7.68%	8.16%	6.54%	7.96%	7.64%	8.52%	9.96%	1.39%
NORTHWESTERN BELL-IA	5.30%	6.03%	12.67%	30.66%	36.03%	8.08%	-2.90%	3.61%	-3.55%
SOUTHWESTERN BELL-KS	9.60%	3.96%	10.29%	21.66%	21.83%	6.43%	12.66%	9.88%	6.96%
UTC OF KANSAS	2.27%	1.83%	8.06%	2.18%	8.90%	8.77%	10.78%	15.30%	20.67%
CINCINNATI BELL-KY	4.00%	17.73%	24.66%	7.97%	46.39%	0.52%	8.03%	10.42%	1.58%
GTE SOUTH INC. - KY	16.16%	2.60%	0.95%	12.35%	17.40%	10.14%	34.12%	-0.41%	-3.09%
SO CENTRAL BELL-KY	4.52%	2.74%	3.54%	21.57%	21.06%	11.50%	5.43%	8.86%	17.39%
SO CENTRAL BELL-LA	10.32%	6.60%	7.29%	19.68%	24.90%	-0.07%	-1.87%	10.79%	22.60%
NEW ENGLAND TEL-ME	9.94%	9.04%	11.57%	15.35%	20.82%	15.59%	2.75%	8.02%	-1.56%
C & P TEL CO OF MD	5.24%	3.87%	8.07%	15.71%	22.64%	14.54%	15.14%	9.80%	3.63%
NEW ENGLAND TEL-MA	8.49%	7.82%	6.24%	31.87%	15.20%	11.44%	5.59%	8.54%	3.15%
GTE NORTH INC. - MI	3.64%	3.22%	5.67%	12.46%	12.04%	10.70%	13.89%	24.04%	4.63%
MICHIGAN BELL TEL CO	4.04%	3.85%	9.39%	30.01%	23.82%	11.79%	5.07%	5.60%	12.50%
CENDEL OF MN	11.68%	4.44%	7.45%	19.62%	12.99%	15.27%	12.37%	39.48%	11.15%
GTE NORTH INC. - MN	9.43%	7.97%	11.77%	1.53%	-0.55%	2.75%	8.15%	5.61%	6.51%
NORTHWESTERN BELL-MN	6.78%	-3.78%	21.36%	12.61%	35.96%	17.80%	0.82%	6.93%	-2.62%
SO CENTRAL BELL-MS	7.41%	4.48%	6.20%	15.53%	31.33%	12.93%	4.83%	7.12%	19.24%
GTE NORTH INC. - MO	3.43%	4.12%	12.09%	14.59%	12.54%	20.25%	16.47%	20.22%	1.87%
SOUTHWESTERN BELL-MO	2.83%	5.80%	6.41%	20.76%	31.62%	1.24%	4.28%	6.95%	5.68%

TABLE 4.11 B  
INTERSTATE DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	11.21%	12.71%	8.98%	-7.88%	44.22%	7.95%	4.26%	13.20%	14.95%
GTE NORTHWEST INC-MT	21.01%	-0.50%	6.10%	21.50%	8.39%	3.13%	6.68%	3.52%	0.00%
MOUNTAIN BELL-MT	12.54%	3.52%	0.29%	16.65%	23.11%	-0.41%	5.68%	13.23%	5.83%
GTE NORTH INC. - NE	-1.60%	14.46%	8.19%	12.02%	9.90%	7.89%	34.06%	11.24%	0.13%
LINCOLN TEL & TEL CO	5.84%	4.08%	-0.40%	24.64%	8.72%	11.80%	21.24%	15.70%	2.38%
NORTHWESTERN BELL-NE	8.94%	3.70%	6.86%	24.85%	17.99%	8.65%	10.42%	9.98%	-14.44%
CENTEL OF NV	10.02%	-3.27%	1.85%	23.20%	-5.43%	15.65%	16.87%	34.69%	-7.92%
NEVADA BELL	9.03%	4.53%	14.12%	16.33%	10.05%	3.28%	-9.47%	35.55%	-6.28%
NEW ENGLAND TEL-NH	8.73%	9.11%	12.22%	19.14%	22.43%	19.82%	5.70%	-1.03%	11.69%
NEW JERSEY BELL	5.47%	5.92%	9.50%	21.07%	23.60%	1.62%	10.99%	10.91%	6.15%
GTE SOUTHWEST INC-NM	16.68%	4.92%	-5.38%	6.67%	7.68%	-11.11%	17.76%	0.08%	0.17%
MOUNTAIN BELL-NM	9.16%	8.95%	6.57%	19.12%	26.89%	10.73%	10.29%	-3.71%	9.65%
CONTEL OF NY, INC	11.18%	8.06%	9.46%	18.19%	23.77%	14.46%	16.24%	0.78%	12.02%
NEW YORK TEL CO	7.69%	9.97%	12.14%	27.46%	19.11%	8.72%	6.41%	7.38%	6.16%
CAROLINA TEL & TEL	5.31%	6.72%	12.94%	17.87%	25.07%	15.26%	24.66%	12.73%	12.16%
CENTEL OF NC	9.97%	1.74%	13.38%	17.06%	14.00%	13.83%	18.07%	19.64%	5.75%
GTE SOUTH INC - NC	14.64%	9.63%	11.98%	14.46%	17.37%	7.05%	34.37%	6.83%	-1.01%
SOUTHERN BELL-NC	12.38%	6.46%	10.89%	15.85%	15.63%	15.72%	25.40%	7.33%	13.40%
NORTHWESTERN BELL-ND	12.07%	3.79%	5.16%	14.51%	32.53%	4.74%	7.36%	4.33%	4.67%
CENTEL OF OHIO #	4.98%	5.88%	1.89%	33.21%	19.03%	13.84%	29.91%	4.52%	-14.74%
CINCINNATI BELL-OH	6.67%	14.66%	6.52%	8.50%	71.84%	1.41%	2.23%	-2.87%	4.66%
GTE NORTH INC. - OH	7.93%	-2.26%	1.68%	9.34%	12.69%	16.44%	17.99%	14.27%	13.74%
OHIO BELL TEL CO	4.23%	9.54%	7.84%	24.74%	5.31%	25.57%	3.37%	1.36%	6.04%
UTC OF OHIO	7.22%	8.27%	7.67%	14.85%	20.69%	3.66%	16.30%	59.43%	-15.02%
GTE SOUTHWEST INC-OK	16.85%	6.83%	1.36%	7.94%	19.05%	9.14%	33.08%	-6.42%	0.80%
SOUTHWESTERN BELL-OK	10.38%	13.54%	1.85%	20.15%	15.39%	-3.43%	7.30%	5.15%	8.33%
GTE NORTHWEST INC-OR	9.22%	-1.06%	4.69%	7.07%	6.86%	22.25%	19.88%	21.34%	4.73%
PACIFIC NW BELL-OR	6.83%	1.28%	0.59%	42.54%	8.77%	15.07%	5.45%	5.91%	3.96%
UTC OF THE NW - OR	3.56%	1.45%	8.45%	11.82%	25.13%	0.05%	0.32%	24.34%	10.06%
BELL OF PENNSYLVANIA	6.25%	7.27%	10.74%	26.64%	19.04%	-3.18%	7.14%	10.46%	9.44%
GTE NORTH INC. - PA	2.21%	5.68%	2.30%	6.00%	15.58%	17.54%	18.76%	20.97%	8.28%
UTC OF PENNSYLVANIA	9.01%	1.89%	6.75%	29.49%	11.64%	10.13%	13.41%	14.70%	9.90%
NEW ENGLAND TEL - RI	6.26%	5.89%	9.00%	19.19%	19.37%	12.43%	8.60%	3.93%	16.30%
GTE SOUTH INC. - SC	9.59%	3.75%	12.61%	13.37%	13.60%	13.07%	32.60%	7.68%	1.24%
SOUTHERN BELL-SC	10.30%	6.78%	11.71%	13.87%	9.23%	32.16%	17.14%	8.87%	10.67%
UTC OF THE CAROLINAS	6.82%	8.12%	7.41%	18.99%	8.96%	91.32%	7.06%	-30.14%	-4.79%
NORTHWESTERN BELL-SD	8.92%	6.98%	9.37%	17.60%	18.25%	27.25%	1.98%	8.25%	-0.33%
GTE SOUTH INC. - TN	16.67%	8.72%	5.33%	8.15%	20.28%	4.05%	12.24%	18.46%	1.98%
SO. CENTRAL BELL -TN	8.51%	12.76%	10.09%	28.38%	21.78%	8.23%	6.23%	4.40%	14.22%
UNITED INTER-MT-TN	6.14%	6.03%	5.51%	9.02%	20.87%	20.87%	18.02%	3.17%	-14.65%
CENTEL OF TEXAS	10.89%	6.43%	10.56%	31.74%	10.70%	23.66%	9.08%	9.64%	1.56%
CONTEL OF TEXAS	15.26%	15.69%	0.38%	25.82%	39.94%	-2.18%	1.80%	21.95%	41.43%
GTE SOUTHWEST INC-TX	10.41%	1.29%	3.50%	14.85%	18.90%	15.40%	51.00%	-8.03%	-1.98%
SOUTHWESTERN BELL-TX	15.40%	15.27%	6.01%	25.32%	31.50%	-1.83%	5.21%	5.75%	5.64%
MOUNTAIN BELL-UT	13.12%	5.01%	26.15%	11.65%	31.81%	-1.09%	-3.68%	12.35%	3.18%
NEW ENGLAND TEL-VT	7.18%	6.70%	9.32%	15.45%	11.54%	13.14%	12.49%	9.91%	-8.10%
CENTEL OF VIRGINIA	8.14%	6.89%	12.09%	7.43%	19.35%	8.31%	17.34%	18.38%	14.90%

TABLE 4.11 B  
 INTERSTATE DIAL EQUIPMENT MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	5.78%	4.51%	10.49%	26.22%	15.64%	7.76%	18.35%	8.21%	13.61%
GTE SOUTH INC. - VA	6.66%	-1.64%	-5.83%	18.61%	8.46%	4.01%	13.20%	26.50%	-1.43%
UNITED INTER-MT-VA	1.52%	4.88%	4.28%	10.54%	10.07%	14.25%	3.52%	19.40%	23.97%
GTE NORTHWEST INC-WA	9.21%	5.02%	8.32%	10.73%	12.25%	11.80%	27.68%	29.56%	12.00%
PACIFIC NW BELL-WA	10.20%	6.48%	7.63%	19.74%	39.70%	0.20%	8.56%	7.41%	3.18%
UTC OF THE NW-WA	3.50%	4.50%	8.53%	10.68%	11.11%	1.14%	2.70%	-2.28%	16.10%
C & P TEL CO OF WV	6.14%	0.80%	4.80%	15.79%	11.78%	7.00%	10.51%	0.57%	9.10%
GTE SOUTH INC. - WV	6.32%	-1.57%	-0.85%	18.55%	7.82%	11.32%	15.20%	17.79%	-1.75%
GTE NORTH INC. - WI	7.93%	1.91%	6.05%	12.57%	14.66%	8.68%	7.93%	27.98%	14.64%
WISCONSIN BELL	8.09%	10.28%	9.10%	25.19%	19.21%	8.48%	6.24%	8.16%	10.93%
MOUNTAIN BELL-WY	6.57%	7.64%	-1.28%	13.34%	12.58%	0.26%	-0.29%	5.61%	3.51%
FULLY REPORTING TIER 1	7.53%	7.03%	9.34%	22.42%	20.28%	7.65%	9.01%	8.26%	6.93%
UTC OF FLORIDA	N/A	12.22%	7.20%	3.53%	24.48%	16.11%	20.81%	7.62%	12.26%
GTE HAWAIIAN TEL. CO	N/A	N/A	17.82%	5.48%	32.08%	30.37%	47.45%	5.74%	-2.67%
UTC OF IOWA *	N/A	10.97%	6.11%	14.63%	31.91%	6.68%	12.89%	3.34%	16.21%
UTC OF MINNESOTA	N/A	4.17%	9.43%	11.00%	33.18%	15.03%	18.02%	24.26%	23.75%
UTC OF THE WEST-NE	N/A	3.10%	2.84%	-1.01%	27.97%	-2.68%	6.76%	32.53%	9.35%
UNITED TEL - NJ, INC	N/A	7.19%	11.97%	13.03%	31.78%	12.14%	20.93%	12.52%	4.33%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	16.50%	15.53%	7.10%	13.17%	10.24%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	24.54%	16.89%	18.49%	34.94%	-4.56%
UTC OF TEXAS INC	N/A	N/A	-7.47%	29.00%	-43.36%	4.08%	26.93%	17.77%	38.06%
CONTEL OF VIRGINIA	N/A	9.12%	7.92%	35.17%	24.96%	20.75%	27.86%	14.66%	11.13%
UTC OF THE WEST-WY	N/A	-5.32%	-1.02%	14.08%	23.92%	9.89%	3.94%	14.54%	2.93%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	23.08%	18.32%	24.47%	13.20%	6.40%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	17.98%	10.43%	5.49%	10.65%	14.27%
TOTAL COST CO.	N/A	N/A	N/A	N/A	20.25%	7.93%	9.20%	8.44%	7.16%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	17.87%	17.71%	19.76%	18.60%	15.42%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	20.22%	8.04%	9.33%	8.58%	7.28%

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
 BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.12 A  
TOTAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	1,452	1,533	1,649	1,668	1,769	1,788	1,843	1,930	1,959	1,977
SO CENTRAL BELL-AL	24,698	25,448	26,026	27,126	28,220	29,645	30,864	31,909	33,669	34,497
MOUNTAIN BELL - AZ	18,477	19,684	19,992	21,363	23,721	26,171	28,453	29,843	32,565	32,717
GTE SOUTHWEST INC-AR	831	875	885	897	966	991	989	986	1,013	1,024
SOUTHWESTERN BELL-AR	10,219	10,233	10,564	11,049	11,914	12,418	12,665	12,983	13,362	13,572
UTC OF ARKANSAS	171	173	176	174	180	192	188	190	204	236
CONTEL OF CALIFORNIA	2,083	2,191	2,314	2,392	2,520	2,754	2,923	2,875	3,493	4,003
GTC OF CALIFORNIA	37,230	37,963	39,661	41,763	42,510	43,703	46,300	49,678	50,487	50,306
PACIFIC BELL	165,141	170,725	176,427	183,408	192,145	200,887	205,154	211,962	218,525	225,931
WEST COAST TEL OF CA	74	88	88	94	97	97	97	107	116	118
MOUNTAIN BELL-CO	23,313	24,962	26,989	27,032	28,306	29,729	30,481	31,031	33,178	33,127
SOUTHERN NEW ENGLAND	25,380	25,703	26,211	26,911	28,212	29,965	32,460	33,369	34,403	32,952
DIAMOND STATE TEL	4,912	4,993	5,001	5,216	5,647	5,861	6,089	6,617	7,111	7,539
C & P TEL CO OF WASH	13,370	13,672	13,939	14,440	15,609	15,952	16,298	16,452	15,738	16,545
CENTEL OF FLORIDA	2,023	2,101	2,199	2,443	2,692	2,967	3,434	3,744	4,092	4,481
GTE FLORIDA INC.	13,686	15,068	16,895	18,722	20,569	22,474	24,380	24,483	24,483	24,495
SOUTHERN BELL-FL	50,738	52,656	55,536	59,127	63,350	66,921	70,126	74,590	81,823	87,344
GTE SOUTH INC. - GA	2,437	2,458	2,550	2,658	2,724	2,824	3,051	3,181	3,367	3,450
SOUTHERN BELL-GA	41,393	42,461	42,830	45,230	49,181	51,905	53,418	55,931	60,612	64,623
GTE NORTHWEST INC-ID	762	760	759	797	872	923	925	967	1,036	1,038
MOUNTAIN BELL-ID	4,174	4,320	4,425	4,440	4,640	4,881	4,857	4,840	5,119	5,302
PACIFIC NW BELL-ID	352	350	347	366	379	386	379	379	416	429
CENTEL OF ILLINOIS	2,396	2,451	2,504	2,563	2,667	2,595	2,660	2,786	3,146	3,142
GTE NORTH INC. - IL	6,202	6,941	7,117	7,283	7,698	7,666	7,625	7,682	8,026	8,109
ILLINOIS BELL TEL CO	78,073	79,359	81,347	84,954	89,968	94,478	94,368	93,862	97,524	100,971
GTE NORTH INC. - IN	7,319	7,275	7,418	7,692	8,390	8,388	8,621	9,264	9,444	9,528
INDIANA BELL TEL CO	25,682	25,628	26,559	26,679	27,761	28,828	28,850	29,294	30,777	31,796
UTC OF INDIANA	1,660	1,754	1,843	1,839	1,972	1,992	2,078	2,168	2,290	2,473
GTE NORTH INC. - IA	1,085	1,089	1,160	1,195	1,262	1,234	1,232	1,222	1,296	1,297
NORTHWESTERN BELL-IA	13,127	12,962	13,312	13,544	14,391	14,898	15,264	14,784	15,398	15,458
SOUTHWESTERN BELL-KS	14,398	14,300	14,563	15,082	15,732	16,776	16,929	16,968	17,787	18,243
UTC OF KANSAS	705	710	725	749	742	754	731	749	793	884
CINCINNATI BELL-KY	2,320	2,348	2,412	2,462	2,497	2,647	2,638	2,729	2,866	2,835
GTE SOUTH INC. - KY	3,887	4,427	4,488	4,615	4,879	5,268	5,279	5,448	5,821	5,974
SO CENTRAL BELL-KY	16,366	16,451	16,679	16,840	18,046	18,725	18,229	18,758	19,474	19,729
SO CENTRAL BELL-LA	32,921	35,071	36,828	37,572	38,583	39,220	38,352	37,676	38,928	40,693
NEW ENGLAND TEL-ME	5,602	5,812	6,023	6,257	6,542	6,606	6,939	7,308	7,505	7,660
C & P TEL CO OF MD	40,640	42,563	44,793	46,297	46,999	46,886	49,098	51,405	54,810	58,593
NEW ENGLAND TEL-MA	46,406	48,063	49,720	50,990	55,074	57,137	58,271	60,615	63,237	64,698
GTE NORTH INC. - MI	5,969	5,984	5,994	6,043	6,285	6,516	6,700	6,798	7,302	7,298
MICHIGAN BELL TEL CO	65,421	65,628	65,639	67,225	70,898	73,401	75,230	76,298	81,821	85,956
CENTEL OF MN	722	779	815	879	900	962	1,000	1,053	1,155	1,202
GTE NORTH INC. - MN	32	35	36	37	36	35	34	34	35	35
NORTHWESTERN BELL-MN	24,336	24,404	25,624	27,089	28,532	29,481	30,625	30,090	32,313	32,152
SO CENTRAL BELL-MS	14,753	14,893	15,526	15,921	16,690	18,267	18,492	19,248	20,226	20,816
GTE NORTH INC. - MO	1,066	1,079	1,126	1,182	1,224	1,280	1,334	1,396	1,462	1,466
SOUTHWESTERN BELL-MO	33,136	33,211	34,575	34,382	36,367	38,747	39,596	40,411	41,443	41,314
UTC OF MISSOURI	1,660	1,726	1,834	1,875	1,879	1,999	2,004	2,115	2,311	2,382

TABLE 4.12 A  
TOTAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	65	69	67	77	81	83	83	83	79	79
MOUNTAIN BELL-MT	3,662	3,700	3,817	3,856	4,082	4,243	4,358	4,263	4,685	4,836
GTE NORTH INC. - NE	472	445	508	532	548	537	533	550	559	558
LINCOLN TEL & TEL CO	2,418	2,477	2,600	2,722	2,903	2,953	2,988	3,160	3,246	3,296
NORTHWESTERN BELL-NE	6,616	6,789	7,097	7,371	8,289	8,015	8,086	8,164	8,583	8,174
CENDEL OF NV	3,934	4,170	4,188	4,304	4,406	4,683	5,292	5,629	7,115	7,518
NEVADA BELL	2,059	2,171	2,280	2,410	2,588	2,681	2,781	2,855	3,183	3,213
NEW ENGLAND TEL-NH	5,394	5,636	5,887	6,175	6,877	7,331	7,839	8,237	8,800	8,783
NEW JERSEY BELL	62,087	64,347	65,004	67,218	72,024	74,525	76,029	79,355	84,754	87,448
GTE SOUTHWEST INC-NM	520	549	577	568	573	569	556	559	535	539
MOUNTAIN BELL-NM	7,469	7,501	7,681	7,966	8,493	9,024	9,580	9,934	10,421	10,953
CONTEL OF NY, INC	2,004	2,155	2,236	2,335	2,482	2,651	2,802	2,994	2,774	2,947
NEW YORK TEL CO	126,662	132,834	138,000	146,165	159,886	171,900	176,262	180,006	187,300	189,461
CAROLINA TEL & TEL	8,886	9,012	9,412	9,844	10,642	11,311	11,807	12,411	12,971	13,696
CENDEL OF NC	2,258	2,347	2,435	2,556	2,675	2,833	2,953	3,148	3,312	3,396
GTE SOUTH INC - NC	1,674	1,706	1,828	1,940	2,095	2,234	2,198	2,323	2,597	2,667
SOUTHERN BELL-NC	22,263	22,618	23,015	23,728	26,211	28,084	29,819	29,729	31,371	33,935
NORTHWESTERN BELL-ND	3,294	3,409	3,583	3,602	3,784	3,893	3,805	3,749	3,971	3,784
CENDEL OF OHIO #	878	861	831	839	894	880	971	987	1,037	1,181
CINCINNATI BELL-OH	12,302	12,016	12,425	12,671	13,453	13,929	13,932	14,006	14,931	14,953
GTE NORTH INC. - OH	7,770	8,096	8,254	8,360	8,885	9,129	9,661	9,952	10,306	10,590
OHIO BELL TEL CO	56,686	56,102	56,920	59,008	63,168	63,366	62,145	62,720	65,209	65,249
UTC OF OHIO	5,092	5,265	5,379	5,376	5,648	5,962	6,250	6,452	7,057	6,694
GTE SOUTHWEST INC-OK	1,120	1,218	1,303	1,328	1,421	1,508	1,506	1,461	1,458	1,500
SOUTHWESTERN BELL-OK	19,263	19,830	21,196	21,847	22,160	22,411	21,973	21,694	22,003	22,380
GTE NORTHWEST INC-OR	2,899	3,072	3,098	3,235	3,425	3,601	3,742	3,996	4,119	4,094
PACIFIC NW BELL-OR	13,862	13,807	13,538	13,923	14,409	14,231	14,872	14,932	16,122	16,382
UTC OF THE NW - OR	408	417	408	425	444	550	499	531	575	614
BELL OF PENNSYLVANIA	76,775	79,403	81,997	82,936	86,168	86,508	88,259	90,165	94,302	99,879
GTE NORTH INC. - PA	5,710	5,792	5,890	6,075	6,178	6,337	6,696	7,077	7,552	7,655
UTC OF PENNSYLVANIA	2,859	2,990	3,023	3,113	3,436	3,541	3,675	3,781	3,969	3,977
NEW ENGLAND TEL - RI	7,322	7,496	7,670	7,869	8,216	8,423	8,514	8,618	8,777	9,206
GTE SOUTH INC. - SC	1,605	1,634	1,639	1,725	1,889	2,008	2,069	2,192	2,293	2,304
SOUTHERN BELL-SC	16,698	16,776	17,180	17,659	19,109	20,265	21,380	21,356	22,623	24,216
UTC OF THE CAROLINAS	827	859	861	914	939	1,017	1,240	1,308	1,230	1,081
NORTHWESTERN BELL-SD	2,975	2,995	3,115	3,169	3,375	3,533	3,681	3,606	3,800	3,756
GTE SOUTH INC. - TN	696	704	676	672	702	739	773	789	834	836
SO. CENTRAL BELL -TN	33,089	32,788	33,836	34,393	36,677	39,038	40,872	42,452	44,065	43,647
UNITED INTER-MT-TN	2,591	2,668	2,655	2,697	2,736	2,902	3,110	3,304	3,488	3,123
CENDEL OF TEXAS	1,202	1,313	1,432	1,538	1,697	1,810	1,906	1,928	2,225	2,307
CONTEL OF TEXAS	1,224	1,322	1,456	1,511	1,685	1,825	1,892	1,956	2,007	2,141
GTE SOUTHWEST INC-TX	11,861	12,805	13,220	13,727	14,799	15,822	16,280	17,020	17,096	17,445
SOUTHWESTERN BELL-TX	93,168	99,260	108,140	111,699	120,122	129,536	130,968	127,985	131,182	137,574
MOUNTAIN BELL-UT	10,193	10,413	10,864	11,515	12,172	12,736	12,970	12,848	13,804	14,223
NEW ENGLAND TEL-VT	2,647	2,822	2,996	3,161	3,263	3,308	3,417	3,480	3,698	3,950
CENDEL OF VIRGINIA	2,408	2,527	2,703	2,797	2,803	3,026	3,100	3,249	3,495	3,730
C & P TEL CO OF VA	34,002	34,473	35,657	37,493	39,570	41,656	43,391	45,811	49,021	51,700
GTE SOUTH INC. - VA	527	529	536	513	526	532	549	548	579	576



TABLE 4.12 A  
TOTAL DIAL EQUIPMENT MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	1,306	1,308	1,323	1,364	1,247	1,201	1,236	1,268	1,371	1,475
GTE NORTHWEST INC-WA	4,972	4,955	5,109	5,371	5,792	6,220	6,776	7,451	8,471	8,611
PACIFIC NW BELL-WA	22,479	23,192	23,409	24,691	25,581	26,271	27,680	28,630	30,343	31,315
UTC OF THE NW-WA	473	483	504	521	519	557	550	563	552	596
C & P TEL CO OF WV	11,657	11,895	11,841	11,918	12,264	12,608	12,599	12,955	13,008	13,201
GTE SOUTH INC. - WV	934	940	974	961	995	994	1,029	1,039	1,093	1,088
GTE NORTH INC. - WI	3,470	3,569	3,650	3,691	3,811	3,982	4,105	4,167	4,497	4,636
WISCONSIN BELL	24,562	23,900	24,586	24,536	25,319	26,484	27,041	26,822	29,197	29,984
MOUNTAIN BELL-WY	2,835	2,906	3,053	2,933	3,000	3,163	3,093	2,915	3,118	3,094
<b>FULLY REPORTING TIER 1</b>	<b>1,651,881</b>	<b>1,698,695</b>	<b>1,756,632</b>	<b>1,818,277</b>	<b>1,927,525</b>	<b>2,015,574</b>	<b>2,067,819</b>	<b>2,117,265</b>	<b>2,220,722</b>	<b>2,286,659</b>
UTC OF FLORIDA	N/A	6,987	7,638	8,032	8,747	9,759	10,645	11,556	11,872	12,976
GTE HAWAIIAN TEL. CO	N/A	N/A	7,411	7,395	7,760	8,301	9,038	9,518	10,041	9,994
UTC OF IOWA *	N/A	634	666	677	683	728	727	748	765	809
UTC OF MINNESOTA	N/A	947	995	1,051	1,078	1,207	1,255	1,301	1,423	1,507
UTC OF THE WEST-NE	N/A	280	281	290	270	284	297	307	332	344
UNITED TEL - NJ, INC	N/A	1,067	1,114	1,184	1,316	1,565	1,633	1,822	1,975	1,916
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	6,712	7,043	7,216	7,477	7,970	8,529
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	7,805	7,987	8,936	9,746	11,421	11,800
UTC OF TEXAS INC	N/A	N/A	1,371	1,387	1,497	1,156	1,219	1,265	1,347	1,433
CONTEL OF VIRGINIA	N/A	2,982	3,172	3,313	3,897	4,433	4,775	5,399	5,681	6,114
UTC OF THE WEST-WY	N/A	61	60	61	63	66	66	67	73	75
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>39,828</b>	<b>42,529</b>	<b>45,808</b>	<b>49,206</b>	<b>52,901</b>	<b>55,498</b>
<b>ALL OTHER COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>57,097</b>	<b>64,118</b>	<b>66,852</b>	<b>70,754</b>	<b>74,585</b>	<b>78,576</b>
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2,024,451</b>	<b>2,122,221</b>	<b>2,180,479</b>	<b>2,237,225</b>	<b>2,348,207</b>	<b>2,420,732</b>
<b>AVERAGE SCHEDULE CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>20,576</b>	<b>23,086</b>	<b>26,198</b>	<b>29,429</b>	<b>36,905</b>	<b>39,393</b>
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2,045,027</b>	<b>2,145,307</b>	<b>2,206,676</b>	<b>2,266,654</b>	<b>2,385,112</b>	<b>2,460,125</b>

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.12 B  
TOTAL DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	5.57%	7.55%	1.16%	6.04%	1.10%	3.07%	4.73%	1.52%	0.90%
SO CENTRAL BELL-AL	3.04%	2.27%	4.23%	4.03%	5.05%	4.11%	3.39%	5.52%	2.46%
MOUNTAIN BELL - AZ	6.53%	1.57%	6.86%	11.04%	10.33%	8.72%	4.88%	9.12%	0.47%
GTE SOUTHWEST INC-AR	5.31%	1.17%	1.31%	7.70%	2.59%	-0.19%	-0.26%	2.68%	1.11%
SOUTHWESTERN BELL-AR	0.14%	3.23%	4.59%	7.83%	4.23%	1.98%	2.52%	2.92%	1.57%
UTC OF ARKANSAS *	0.93%	2.15%	-1.01%	3.40%	6.29%	-2.13%	1.23%	7.57%	15.32%
CONTEL OF CALIFORNIA	5.20%	5.59%	3.38%	5.36%	9.30%	6.12%	-1.62%	21.49%	14.58%
GTC OF CALIFORNIA	1.97%	4.47%	5.30%	1.79%	2.81%	5.94%	7.30%	1.63%	-0.36%
PACIFIC BELL	3.38%	3.34%	3.96%	4.76%	4.55%	2.12%	3.32%	3.10%	3.39%
WEST COAST TEL OF CA	19.77%	0.50%	5.84%	4.03%	-0.77%	0.21%	10.06%	8.63%	1.89%
MOUNTAIN BELL-CO	7.07%	8.12%	0.16%	4.71%	5.03%	2.53%	1.80%	6.92%	-0.15%
SOUTHERN NEW ENGLAND	1.28%	1.98%	2.67%	4.84%	6.21%	8.33%	2.80%	3.10%	-4.22%
DIAMOND STATE TEL	1.66%	0.16%	4.29%	8.28%	3.77%	3.89%	8.68%	7.46%	6.03%
C & P TEL CO OF WASH	2.26%	1.95%	3.60%	8.10%	2.20%	2.17%	0.94%	-4.34%	5.13%
CENTEL OF FLORIDA	3.87%	4.67%	11.10%	10.21%	10.18%	15.76%	9.02%	9.29%	9.52%
GTE FLORIDA INC.	10.10%	5.14%	6.64%	10.81%	9.86%	9.26%	8.48%	0.42%	0.05%
SOUTHERN BELL-FL	3.78%	5.47%	6.47%	7.14%	5.64%	4.79%	6.37%	9.70%	6.75%
GTE SOUTH INC.- GA	0.86%	3.76%	4.23%	2.48%	3.67%	8.03%	4.25%	5.87%	2.46%
SOUTHERN BELL-GA	2.58%	0.87%	5.60%	8.73%	5.54%	2.91%	4.70%	8.37%	6.62%
GTE NORTHWEST INC-ID	-0.22%	-0.16%	5.00%	9.47%	5.80%	0.16%	4.58%	7.11%	0.23%
MOUNTAIN BELL-ID	3.50%	2.43%	0.35%	4.52%	5.18%	-0.49%	-0.34%	5.76%	3.56%
PACIFIC NW BELL-ID	-0.79%	-0.64%	5.39%	3.50%	1.97%	-1.96%	-0.01%	9.73%	3.15%
CENTEL OF ILLINOIS #	2.30%	2.17%	2.35%	4.08%	-2.71%	2.52%	4.74%	12.90%	-0.10%
GTE NORTH INC. - IL	11.91%	2.54%	2.33%	5.70%	0.88%	-1.82%	0.75%	4.49%	1.03%
ILLINOIS BELL TEL CO	1.65%	2.51%	4.43%	5.90%	5.01%	-0.12%	-0.54%	3.90%	3.53%
GTE NORTH INC. - IN	-0.60%	1.96%	3.70%	9.07%	-0.02%	2.77%	7.47%	1.94%	0.89%
INDIANA BELL TEL CO	-0.21%	3.63%	0.45%	4.06%	3.84%	0.08%	1.54%	5.06%	3.31%
UTC OF INDIANA	5.66%	5.08%	-0.22%	7.25%	0.98%	4.33%	4.35%	5.63%	7.97%
GTE NORTH INC. - IA	0.39%	6.50%	3.06%	5.59%	-2.24%	-0.20%	-0.76%	6.04%	0.07%
NORTHWESTERN BELL-IA	-1.25%	2.70%	1.74%	6.26%	3.52%	2.45%	-3.14%	4.15%	0.39%
SOUTHWESTERN BELL-KS	-0.68%	1.84%	3.56%	4.31%	6.64%	0.91%	0.23%	4.82%	2.57%
UTC OF KANSAS	0.62%	2.22%	3.30%	-0.90%	1.63%	-3.17%	2.58%	5.78%	11.55%
CINCINNATI BELL-KY	1.20%	2.75%	2.04%	1.43%	6.01%	-0.35%	3.47%	5.02%	-1.05%
GTE SOUTH INC. - KY	13.90%	1.38%	2.82%	5.72%	7.98%	0.21%	3.21%	6.83%	2.64%
SO CENTRAL BELL-KY	0.52%	1.39%	0.97%	7.16%	3.76%	-2.65%	2.90%	3.82%	1.31%
SO CENTRAL BELL-LA	6.53%	5.01%	2.02%	2.69%	1.65%	-2.21%	-1.76%	3.32%	4.53%
NEW ENGLAND TEL-ME	3.75%	3.62%	3.88%	4.55%	0.99%	5.03%	5.32%	2.70%	2.07%
C & P TEL CO OF MD	4.73%	5.24%	3.36%	1.52%	-0.24%	4.72%	4.70%	6.62%	6.90%
NEW ENGLAND TEL-MA	3.57%	3.45%	2.55%	8.01%	3.75%	1.98%	4.02%	4.32%	2.31%
GTE NORTH INC. - MI	0.25%	0.17%	0.82%	4.00%	3.68%	2.82%	1.42%	7.46%	-0.05%
MICHIGAN BELL TEL CO	0.32%	0.02%	2.42%	5.46%	3.53%	2.49%	1.42%	7.24%	5.05%
CENTEL OF MN	7.89%	4.61%	7.89%	2.41%	6.85%	4.04%	5.24%	9.70%	4.06%
GTE NORTH INC. - MN	9.35%	5.07%	1.86%	-2.74%	-3.01%	-1.95%	-1.67%	2.91%	0.79%
NORTHWESTERN BELL-MN	0.28%	5.00%	5.72%	5.33%	3.33%	3.88%	-1.75%	7.39%	-0.50%
SO CENTRAL BELL-MS	0.95%	4.26%	2.53%	4.83%	9.45%	1.23%	4.09%	5.08%	2.92%
GTE NORTH INC. - MO	1.20%	4.34%	5.00%	3.54%	4.60%	4.20%	4.64%	4.78%	0.25%
SOUTHWESTERN BELL-MO	0.23%	4.11%	-0.56%	5.77%	6.54%	2.19%	2.06%	2.55%	-0.31%

TABLE 4.12 B  
TOTAL DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	3.99%	6.25%	2.21%	0.21%	6.41%	0.24%	5.54%	9.24%	3.09%
GTE NORTHWEST INC-MT	6.75%	-3.10%	15.63%	5.06%	2.74%	-1.04%	-0.07%	-4.62%	0.32%
MOUNTAIN BELL-MT	1.02%	3.17%	1.04%	5.84%	3.96%	2.72%	-2.20%	9.91%	3.22%
GTE NORTH INC. - NE	-5.73%	14.25%	4.67%	2.94%	-1.97%	-0.77%	3.25%	1.65%	-0.23%
LINCOLN TEL & TEL CO	2.43%	4.98%	4.69%	6.64%	1.75%	1.18%	5.73%	2.73%	1.54%
NORTHWESTERN BELL-NE	2.62%	4.53%	3.86%	12.46%	-3.31%	0.89%	0.96%	5.13%	-4.77%
CENDEL OF NV	6.02%	0.42%	2.78%	2.35%	6.30%	13.00%	6.38%	26.39%	5.66%
NEVADA BELL	5.47%	5.03%	5.69%	7.37%	3.61%	3.72%	2.65%	11.52%	0.94%
NEW ENGLAND TEL-NH	4.49%	4.46%	4.88%	11.37%	6.60%	6.93%	5.07%	6.83%	-0.19%
NEW JERSEY BELL	3.64%	1.02%	3.41%	7.15%	3.47%	2.02%	4.37%	6.80%	3.18%
GTE SOUTHWEST INC-NM	5.63%	5.15%	-1.56%	0.85%	-0.72%	-2.24%	0.44%	-4.31%	0.82%
MOUNTAIN BELL-NM	0.43%	2.39%	3.71%	6.62%	6.25%	6.16%	3.70%	4.91%	5.11%
CONTEL OF NY, INC	7.52%	3.76%	4.44%	6.32%	6.78%	5.71%	6.84%	-7.35%	6.25%
NEW YORK TEL CO	4.87%	3.89%	5.92%	9.39%	7.51%	2.54%	2.12%	4.05%	1.15%
CAROLINA TEL & TEL	1.42%	4.44%	4.59%	8.11%	6.29%	4.38%	5.12%	4.52%	5.59%
CENDEL OF NC	3.97%	3.72%	4.96%	4.66%	5.93%	4.24%	6.59%	5.22%	2.53%
GTE SOUTH INC - NC	1.92%	7.14%	6.12%	8.02%	6.62%	-1.63%	5.72%	11.77%	2.70%
SOUTHERN BELL-NC	1.59%	1.76%	3.10%	10.47%	7.14%	6.18%	-0.30%	5.52%	8.17%
NORTHWESTERN BELL-ND	3.51%	5.11%	0.53%	5.04%	2.87%	-2.24%	-1.49%	5.94%	-4.73%
CENDEL OF OHIO #	-1.97%	-3.49%	1.03%	6.46%	-1.51%	10.28%	1.64%	5.08%	13.95%
CINCINNATI BELL-OH	-2.33%	3.41%	1.98%	6.17%	3.54%	0.02%	0.53%	6.61%	0.15%
GTE NORTH INC. - OH	4.20%	1.95%	1.29%	6.29%	2.74%	5.82%	3.02%	3.56%	2.75%
OHIO BELL TEL CO	-1.03%	1.46%	3.67%	7.05%	0.31%	-1.93%	0.93%	3.97%	0.06%
UTC OF OHIO	3.41%	2.17%	-0.07%	5.06%	5.56%	4.84%	3.22%	9.39%	-5.15%
GTE SOUTHWEST INC-OK	8.68%	7.01%	1.91%	7.03%	6.11%	-0.16%	-2.94%	-0.25%	2.90%
SOUTHWESTERN BELL-OK	2.94%	6.89%	3.07%	1.43%	1.13%	-1.96%	-1.27%	1.42%	1.71%
GTE NORTHWEST INC-OR	5.97%	0.83%	4.44%	5.85%	5.16%	3.91%	6.80%	3.06%	-0.60%
PACIFIC NW BELL-OR	-0.40%	-1.94%	2.84%	3.49%	-1.23%	4.50%	0.40%	7.97%	1.62%
UTC OF THE NW - OR	2.15%	-2.28%	4.30%	4.31%	23.98%	-9.19%	6.32%	8.33%	6.73%
BELL OF PENNSYLVANIA	3.42%	3.27%	1.14%	3.90%	0.40%	2.02%	2.16%	4.59%	5.91%
GTE NORTH INC. - PA	1.44%	1.69%	3.14%	1.70%	2.57%	5.67%	5.68%	6.71%	1.36%
UTC OF PENNSYLVANIA	4.57%	1.11%	2.98%	10.35%	3.07%	3.79%	2.89%	4.97%	0.19%
NEW ENGLAND TEL - RI	2.38%	2.32%	2.60%	4.42%	2.51%	1.08%	1.23%	1.84%	4.89%
GTE SOUTH INC. - SC	1.82%	0.29%	5.28%	9.49%	6.30%	3.06%	5.94%	4.57%	0.50%
SOUTHERN BELL-SC	0.47%	2.41%	2.79%	8.21%	6.05%	5.50%	-0.11%	5.94%	7.04%
UTC OF THE CAROLINAS	3.93%	0.24%	6.16%	2.70%	8.28%	22.00%	5.48%	-5.95%	-12.15%
NORTHWESTERN BELL-SD	0.66%	4.00%	1.76%	6.50%	4.66%	4.19%	-2.03%	5.35%	-1.14%
GTE SOUTH INC. - TN	1.15%	-4.00%	-0.63%	4.54%	5.26%	4.66%	2.01%	5.70%	0.25%
SO. CENTRAL BELL -TN	-0.91%	3.20%	1.65%	6.64%	6.44%	4.70%	3.87%	3.80%	-0.95%
UNITED INTER-MT-TN	2.95%	-0.47%	1.59%	1.44%	6.08%	7.15%	6.24%	5.58%	-10.46%
CENDEL OF TEXAS	9.27%	9.05%	7.41%	10.29%	6.66%	5.34%	1.17%	15.40%	3.66%
CONTEL OF TEXAS	8.00%	10.13%	3.79%	11.50%	8.31%	3.69%	3.36%	2.61%	6.70%
GTE SOUTHWEST INC-TX	7.96%	3.23%	3.84%	7.81%	6.91%	2.89%	4.55%	0.45%	2.04%
SOUTHWESTERN BELL-TX	6.54%	8.95%	3.29%	7.54%	7.84%	1.11%	-2.28%	2.50%	4.87%
MOUNTAIN BELL-UT	2.16%	4.33%	6.00%	5.70%	4.64%	1.83%	-0.94%	7.44%	3.04%
NEW ENGLAND TEL-VT	6.59%	6.19%	5.49%	3.25%	1.37%	3.29%	1.84%	6.28%	6.81%
CENDEL OF VIRGINIA	4.93%	6.94%	3.50%	0.22%	7.94%	2.44%	4.81%	7.59%	6.71%

TABLE 4.12 B  
TOTAL DIAL EQUIPMENT MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	1.38%	3.44%	5.15%	5.54%	5.27%	4.16%	5.58%	7.01%	5.47%
GTE SOUTH INC. - VA	0.40%	1.32%	-4.44%	2.72%	1.05%	3.24%	-0.17%	5.57%	-0.50%
UNITED INTER-MT-VA	0.16%	1.18%	3.10%	-8.58%	-3.73%	2.93%	2.62%	8.12%	7.56%
GTE NORTHWEST INC-WA	-0.34%	3.10%	5.13%	7.85%	7.39%	8.94%	9.96%	13.68%	1.66%
PACIFIC NW BELL-WA	3.17%	0.94%	5.48%	3.60%	2.70%	5.36%	3.43%	5.98%	3.20%
UTC OF THE NW-WA	2.15%	4.15%	3.40%	-0.40%	7.40%	-1.27%	2.30%	-1.94%	8.08%
C & P TEL CO OF WV	2.04%	-0.46%	0.66%	2.90%	2.80%	-0.06%	2.82%	0.41%	1.49%
GTE SOUTH INC. - WV	0.64%	3.64%	-1.37%	3.55%	-0.10%	3.48%	0.97%	5.29%	-0.50%
GTE NORTH INC. - WI	2.87%	2.25%	1.13%	3.25%	4.49%	3.10%	1.50%	7.91%	3.10%
WISCONSIN BELL	-2.70%	2.87%	-0.20%	3.19%	4.60%	2.10%	-0.81%	8.85%	2.70%
MOUNTAIN BELL-WY	2.49%	5.06%	-3.93%	2.31%	5.40%	-2.18%	-5.76%	6.95%	-0.77%
FULLY REPORTING TIER 1	2.83%	3.41%	3.51%	6.01%	4.57%	2.59%	2.39%	4.89%	2.97%
UTC OF FLORIDA	N/A	9.32%	5.15%	8.91%	11.56%	9.08%	8.56%	2.73%	9.29%
GTE HAWAIIAN TEL. CO	N/A	N/A	-0.22%	4.94%	6.97%	8.88%	5.31%	5.50%	-0.47%
UTC OF IOWA *	N/A	5.15%	1.68%	0.81%	6.67%	-0.14%	2.82%	2.29%	5.71%
UTC OF MINNESOTA	N/A	5.07%	5.61%	2.64%	11.94%	4.00%	3.63%	9.37%	5.94%
UTC OF THE WEST-NE	N/A	0.37%	3.42%	-6.95%	5.18%	4.71%	3.13%	8.32%	3.66%
UNITED TEL - NJ, INC	N/A	4.43%	6.20%	11.15%	18.93%	4.40%	11.57%	8.35%	-2.96%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	4.94%	2.45%	3.63%	6.59%	7.01%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	2.33%	11.88%	9.07%	17.18%	3.32%
UTC OF TEXAS INC	N/A	N/A	1.13%	7.98%	-22.81%	5.51%	3.70%	6.53%	6.39%
CONTEL OF VIRGINIA	N/A	6.36%	4.43%	17.64%	13.75%	7.73%	13.06%	5.23%	7.62%
UTC OF THE WEST-WY	N/A	-2.14%	2.32%	2.88%	4.88%	-0.66%	2.02%	9.33%	2.02%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	6.78%	7.71%	7.42%	7.51%	4.91%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	12.30%	4.26%	5.84%	5.41%	5.35%
TOTAL COST CO.	N/A	N/A	N/A	N/A	4.83%	2.75%	2.60%	4.96%	3.09%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	12.20%	13.48%	12.33%	25.40%	6.74%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	4.90%	2.86%	2.72%	5.23%	3.15%

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.13 A  
LOCAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	1,188	1,245	1,345	1,347	1,392	1,406	1,415	1,440	1,447	1,460
SO CENTRAL BELL-AL	22,106	22,582	23,138	24,107	24,632	25,156	25,967	26,771	28,186	28,415
MOUNTAIN BELL - AZ	15,584	16,545	16,677	18,079	19,018	20,610	22,183	22,823	25,503	25,583
GTE SOUTHWEST INC-AR	652	687	699	707	765	756	744	690	690	720
SOUTHWESTERN BELL-AR	8,514	8,383	8,658	9,045	9,559	9,648	9,755	9,811	9,856	9,894
UTC OF ARKANSAS *	128	128	130	127	132	135	127	124	133	158
CONTEL OF CALIFORNIA	1,423	1,468	1,544	1,573	1,645	1,763	1,834	1,875	2,066	2,259
GTC OF CALIFORNIA	27,822	27,888	29,201	30,865	31,129	31,876	32,505	33,864	32,125	32,127
PACIFIC BELL	131,320	134,696	139,028	143,333	142,507	144,802	145,424	148,611	151,072	153,734
WEST COAST TEL OF CA	48	59	61	65	69	67	66	72	73	73
MOUNTAIN BELL-CO	19,549	20,670	22,270	22,065	21,631	22,789	22,840	23,120	25,497	25,187
SOUTHERN NEW ENGLAND	20,071	20,110	20,319	20,618	20,984	21,595	23,300	23,299	23,578	21,962
DIAMOND STATE TEL	4,169	4,224	4,214	4,356	4,466	4,379	4,675	5,089	5,405	5,626
C & P TEL CO OF WASH	12,099	12,335	12,499	12,731	13,228	12,682	12,868	13,647	13,550	13,841
CENTEL OF FLORIDA #	1,649	1,795	1,825	1,961	2,134	2,213	2,476	2,671	2,894	3,231
GTE FLORIDA INC.	11,113	12,131	12,653	13,518	14,292	15,545	16,480	17,173	17,502	17,640
SOUTHERN BELL-FL	43,352	44,565	46,657	49,278	50,981	52,305	52,769	55,212	59,872	63,081
GTE SOUTH INC. - GA	2,018	2,015	2,092	2,168	2,169	2,199	2,350	2,374	2,491	2,561
SOUTHERN BELL-GA	36,244	36,939	36,956	39,128	41,879	43,161	43,957	45,030	48,657	51,649
GTE NORTHWEST INC-ID	559	545	543	566	594	621	615	639	675	627
MOUNTAIN BELL-ID	3,388	3,488	3,565	3,518	3,456	3,498	3,468	3,407	3,690	3,820
PACIFIC NW BELL-ID	285	282	276	292	295	297	285	276	302	311
CENTEL OF ILLINOIS #	2,008	2,046	2,100	2,126	2,175	2,065	2,047	2,009	2,169	2,058
GTE NORTH INC. - IL	4,603	5,074	5,144	5,268	5,605	5,554	5,319	5,154	5,081	5,086
ILLINOIS BELL TEL CO	68,825	69,916	71,447	74,355	77,018	80,047	79,604	77,673	79,702	81,606
GTE NORTH INC. - IN	6,032	5,906	6,012	6,217	6,789	6,607	6,681	7,110	6,748	6,640
INDIANA BELL TEL CO	22,667	22,376	23,195	23,166	23,474	23,543	23,483	23,476	24,521	25,197
UTC OF INDIANA	1,267	1,323	1,393	1,366	1,450	1,433	1,481	1,510	1,530	1,606
GTE NORTH INC. - IA	781	766	815	825	884	836	816	779	810	800
NORTHWESTERN BELL-IA	10,879	10,602	10,829	10,872	11,020	11,001	11,088	10,604	11,107	11,311
SOUTHWESTERN BELL-KS	12,061	11,737	11,939	12,304	12,493	13,083	13,102	12,744	13,248	13,340
UTC OF KANSAS	473	472	483	496	489	480	451	454	465	500
CINCINNATI BELL-KY	2,180	2,205	2,246	2,258	2,277	2,337	2,326	2,392	2,489	2,443
GTE SOUTH INC. - KY	3,300	3,749	3,789	3,902	4,089	4,353	4,270	4,182	4,528	4,711
SO CENTRAL BELL-KY	14,543	14,554	14,749	14,850	15,655	15,946	15,160	15,496	15,989	15,881
SO CENTRAL BELL-LA	29,161	30,897	32,374	32,950	32,797	32,421	31,906	31,389	32,079	32,881
NEW ENGLAND TEL-ME	4,514	4,642	4,771	4,882	5,002	4,793	4,952	5,180	5,181	5,360
C & P TEL CO OF MD	36,680	38,385	40,442	41,646	41,732	40,547	41,880	42,774	45,467	48,841
NEW ENGLAND TEL-MA	38,575	39,717	40,858	41,506	43,380	43,612	43,013	43,737	46,065	41,903
GTE NORTH INC. - MI	4,549	4,540	4,523	4,522	4,656	4,729	4,758	4,776	4,882	4,844
MICHIGAN BELL TEL CO	56,852	56,662	56,462	57,464	58,012	57,220	58,187	59,175	64,043	66,306
CENTEL OF MN	598	642	669	720	725	767	787	808	875	896
GTE NORTH INC. - MN	22	24	25	24	24	23	22	21	21	20
NORTHWESTERN BELL-MN	21,404	21,183	22,331	23,489	24,277	24,293	24,738	24,019	25,903	25,734
SO CENTRAL BELL-MS	12,732	12,759	13,298	13,562	13,919	14,862	14,787	15,262	16,053	16,184
GTE NORTH INC. - MO	801	798	839	857	895	908	911	923	919	915
SOUTHWESTERN BELL-MO	28,916	28,857	30,047	29,706	30,889	31,893	32,596	33,000	33,544	32,903
UTC OF MISSOURI	1,186	1,215	1,293	1,311	1,321	1,316	1,302	1,363	1,378	1,468

TABLE 4.13 A  
LOCAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	50	52	50	59	60	61	60	58	54	54
MOUNTAIN BELL-MT	2,816	2,779	2,865	2,925	2,962	2,972	3,042	2,902	3,199	3,400
GTE NORTH INC. - NE	358	331	376	391	397	380	370	359	357	354
LINCOLN TEL & TEL CO	1,923	1,951	2,036	2,148	2,254	2,279	2,277	2,309	2,307	2,346
NORTHWESTERN BELL-NE	5,265	5,610	5,548	6,043	5,864	6,222	6,167	6,062	6,332	6,124
CENTEL OF NV	3,154	3,302	3,353	3,455	3,381	3,730	3,878	4,199	5,312	5,830
NEVADA BELL	1,601	1,670	1,759	1,824	1,903	1,907	1,956	2,103	2,124	2,233
NEW ENGLAND TEL-NH	4,118	4,250	4,382	4,490	4,911	4,977	5,020	5,175	5,743	5,310
NEW JERSEY BELL	44,712	46,132	45,646	46,077	47,181	46,151	45,782	45,718	48,240	48,753
GTE SOUTHWEST INC-NM	409	421	440	437	430	413	419	407	381	385
MOUNTAIN BELL-NM	6,354	6,292	6,361	6,582	6,801	7,058	7,407	7,569	8,156	8,932
CONTEL OF NY, INC	1,494	1,586	1,625	1,672	1,721	1,764	1,816	1,882	1,713	1,773
NEW YORK TEL CO	110,824	115,845	119,478	125,487	134,850	143,167	144,619	145,765	151,438	151,754
CAROLINA TEL & TEL	7,388	7,446	7,764	8,023	8,572	8,814	8,988	9,238	9,407	9,633
CENTEL OF NC	1,898	1,957	2,036	2,116	2,185	2,281	2,342	2,446	2,491	2,494
GTE SOUTH INC - NC	1,390	1,398	1,497	1,573	1,681	1,743	1,658	1,655	1,858	2,017
SOUTHERN BELL-NC	19,080	19,108	19,288	19,696	21,481	22,590	23,546	22,619	23,656	25,267
NORTHWESTERN BELL-ND	2,715	2,767	2,858	2,820	2,991	2,928	2,823	2,731	2,912	2,714
CENTEL OF OHIO #	751	730	695	705	740	675	719	722	748	922
CINCINNATI BELL-OH	11,371	11,025	11,296	11,471	12,173	11,804	11,792	11,776	12,807	12,623
GTE NORTH INC. - OH	6,221	6,456	6,574	6,660	7,091	7,164	7,506	7,503	7,505	7,567
OHIO BELL TEL CO	50,352	49,608	50,025	51,755	54,219	53,488	50,410	50,687	53,050	52,319
UTC OF OHIO	4,068	4,168	4,212	4,150	4,325	4,455	4,684	4,694	4,353	4,615
GTE SOUTHWEST INC-OK	832	888	953	962	1,037	1,080	1,068	948	953	999
SOUTHWESTERN BELL-OK	15,947	16,143	17,100	17,697	17,460	17,166	16,929	16,483	16,609	16,580
GTE NORTHWEST INC-OR	2,246	2,377	2,402	2,509	2,661	2,814	2,844	2,953	2,925	2,861
PACIFIC NW BELL-OR	11,552	11,390	10,980	11,298	10,843	10,651	10,895	10,695	11,690	11,765
UTC OF THE NW - OR	247	257	249	258	268	336	299	331	342	357
BELL OF PENNSYLVANIA	66,682	68,624	70,477	70,438	69,277	66,363	70,332	71,046	73,442	76,944
GTE NORTH INC. - PA	4,846	4,898	4,949	5,101	5,142	5,180	5,420	5,622	5,789	5,793
UTC OF PENNSYLVANIA	2,243	2,331	2,345	2,391	2,554	2,588	2,618	2,604	2,658	2,602
NEW ENGLAND TEL - RI	6,295	6,411	6,527	6,639	6,795	6,765	6,652	6,605	6,651	6,892
GTE SOUTH INC. - SC	1,308	1,321	1,315	1,371	1,494	1,547	1,558	1,571	1,610	1,627
SOUTHERN BELL-SC	14,856	14,770	15,085	15,397	16,448	17,246	17,718	17,206	18,058	19,183
UTC OF THE CAROLINAS	691	716	711	754	741	793	828	862	931	812
NORTHWESTERN BELL-SD	2,401	2,378	2,457	2,408	2,543	2,611	2,606	2,481	2,597	2,512
GTE SOUTH INC. - TN	599	596	560	549	568	581	610	607	625	624
SO. CENTRAL BELL -TN	29,695	29,114	29,794	30,038	31,138	32,353	33,665	34,702	35,772	34,328
UNITED INTER-MT-TN	2,276	2,336	2,306	2,328	2,280	2,353	2,460	2,576	2,717	2,436
CENTEL OF TEXAS	942	1,020	1,097	1,178	1,247	1,343	1,364	1,322	1,595	1,651
CONTEL OF TEXAS	844	877	953	1,000	1,082	1,118	1,173	1,228	1,217	1,194
GTE SOUTHWEST INC-TX	9,413	10,094	10,398	10,779	11,528	12,113	12,282	11,850	12,190	12,691
SOUTHWESTERN BELL-TX	80,721	85,090	92,339	95,696	97,579	102,657	104,580	101,625	104,584	108,607
MOUNTAIN BELL-UT	8,758	8,814	9,272	9,658	10,204	10,051	10,221	10,123	10,953	11,401
NEW ENGLAND TEL-VT	1,981	2,116	2,251	2,355	2,356	2,319	2,296	2,242	2,338	2,656
CENTEL OF VIRGINIA	1,946	2,020	2,161	2,209	2,146	2,326	2,364	2,376	2,446	2,549
C & P TEL CO OF VA	29,944	30,185	31,181	32,661	33,560	34,510	35,824	37,210	39,495	40,900
GTE SOUTH INC. - VA	453	449	457	437	440	436	449	438	449	447

TABLE 4.13 A  
LOCAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	1,131	1,131	1,138	1,175	1,034	964	971	988	1,057	1,099
GTE NORTHWEST INC-WA	4,013	3,916	4,015	4,172	4,470	4,768	5,170	5,550	6,136	6,123
PACIFIC NW BELL-WA	18,951	19,400	19,394	20,371	19,978	19,843	21,169	21,453	22,772	23,496
UTC OF THE NW-WA	295	309	320	324	320	335	323	330	317	327
C & P TEL CO OF WV	10,095	10,245	10,164	10,216	10,279	10,301	10,259	10,590	10,672	10,775
GTE SOUTH INC. - WV	765	760	796	782	793	767	784	766	788	787
GTE NORTH INC. - WI	2,677	2,725	2,780	2,783	2,836	2,893	2,943	2,926	2,919	2,921
WISCONSIN BELL	21,541	20,667	21,083	20,826	20,961	21,487	21,678	21,117	22,931	23,070
MOUNTAIN BELL-WY	2,073	2,120	2,207	2,128	2,064	2,122	2,063	1,894	2,084	2,015
FULLY REPORTING TIER 1	1,396,464	1,425,197	1,466,801	1,509,542	1,550,301	1,579,975	1,601,467	1,613,926	1,682,519	1,709,832
UTC OF FLORIDA	N/A	5,340	5,784	5,961	6,528	6,981	7,582	8,121	8,307	9,002
GTE HAWAIIAN TEL. CO	N/A	N/A	6,747	6,615	6,929	7,285	7,749	7,764	8,175	8,166
UTC OF IOWA *	N/A	473	492	498	486	495	488	483	491	504
UTC OF MINNESOTA	N/A	786	822	864	877	961	989	1,008	1,085	1,129
UTC OF THE WEST-NE	N/A	226	225	232	212	211	227	235	243	249
UNITED TEL - NJ, INC	N/A	571	583	603	663	737	678	742	797	758
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	5,720	5,939	5,981	6,133	6,508	6,936
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	6,599	6,471	7,187	7,574	8,476	9,030
UTC OF TEXAS INC	N/A	N/A	722	745	741	740	800	820	859	875
CONTEL OF VIRGINIA	N/A	2,252	2,375	2,468	2,843	3,057	3,257	3,464	3,843	4,204
UTC OF THE WEST-WY	N/A	45	44	45	46	45	43	44	48	48
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	31,644	32,922	34,981	36,391	38,830	40,901
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	39,982	44,209	45,100	47,333	49,883	51,442
TOTAL COST CO.	N/A	N/A	N/A	N/A	1,621,928	1,657,106	1,681,549	1,697,650	1,771,232	1,802,175
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	14,408	15,918	17,946	19,595	25,203	26,663
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	1,636,336	1,673,024	1,699,494	1,717,245	1,796,435	1,828,837

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.13 B  
 LOCAL SUBSCRIBER LINE USAGE MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	4.78%	8.06%	0.15%	3.30%	1.04%	0.62%	1.77%	0.47%	0.93%
SO CENTRAL BELL-AL	2.15%	2.46%	4.19%	2.18%	2.13%	3.22%	3.10%	5.29%	0.81%
MOUNTAIN BELL - AZ	6.17%	0.79%	8.41%	5.19%	8.37%	7.63%	2.89%	11.74%	0.31%
GTE SOUTHWEST INC-AR	5.32%	1.83%	1.13%	8.24%	-1.17%	-1.67%	-7.25%	0.08%	4.27%
SOUTHWESTERN BELL-AR	-1.53%	3.27%	4.47%	5.68%	0.94%	1.11%	0.57%	0.46%	0.38%
UTC OF ARKANSAS *	-0.13%	2.09%	-2.09%	3.21%	2.67%	-6.13%	-2.07%	6.85%	19.22%
CONTEL OF CALIFORNIA	3.15%	5.18%	1.89%	4.59%	7.15%	4.06%	2.21%	10.20%	9.35%
GTC OF CALIFORNIA	0.24%	4.71%	5.70%	0.86%	2.40%	1.97%	4.18%	-5.14%	0.01%
PACIFIC BELL	2.57%	3.22%	3.10%	-0.58%	1.61%	0.43%	2.19%	1.66%	1.76%
WEST COAST TEL OF CA	22.20%	3.00%	7.81%	5.59%	-2.90%	-2.04%	9.01%	2.11%	-0.08%
MOUNTAIN BELL-CO	5.73%	7.74%	-0.92%	-1.97%	5.35%	0.23%	1.23%	10.28%	-1.22%
SOUTHERN NEW ENGLAND	0.19%	1.04%	1.47%	1.78%	2.91%	7.90%	-0.01%	1.20%	-6.85%
DIAMOND STATE TEL	1.32%	-0.23%	3.37%	2.52%	-1.95%	6.76%	8.86%	6.21%	4.09%
C & P TEL CO OF WASH	1.95%	1.33%	1.86%	3.90%	-4.13%	1.47%	6.05%	-0.71%	2.15%
CENDEL OF FLORIDA #	8.85%	1.67%	7.44%	8.83%	3.70%	11.88%	7.88%	8.34%	11.64%
GTE FLORIDA INC.	9.16%	4.30%	6.84%	5.73%	8.76%	6.01%	4.21%	1.92%	0.79%
SOUTHERN BELL-FL	2.80%	4.69%	5.62%	3.46%	2.60%	0.89%	4.63%	8.44%	5.36%
GTE SOUTH INC.- GA	-0.17%	3.86%	3.62%	0.04%	1.39%	6.86%	1.00%	4.95%	2.81%
SOUTHERN BELL-GA	1.92%	0.05%	5.88%	7.03%	3.06%	1.84%	2.44%	8.06%	6.15%
GTE NORTHWEST INC-ID	-2.43%	-0.53%	4.28%	5.03%	4.45%	-0.84%	3.74%	5.79%	-7.18%
MOUNTAIN BELL-ID	2.96%	2.21%	-1.33%	-1.76%	1.23%	-0.86%	-1.78%	8.32%	3.52%
PACIFIC NW BELL-ID	-1.22%	-1.96%	5.70%	1.11%	0.72%	-4.30%	-2.91%	9.48%	2.72%
CENDEL OF ILLINOIS #	1.94%	2.63%	1.23%	2.28%	-5.06%	-0.86%	-1.86%	7.99%	-5.12%
GTE NORTH INC. - IL	10.23%	1.38%	2.41%	6.40%	-0.91%	-4.23%	-3.11%	-1.41%	0.10%
ILLINOIS BELL TEL CO	1.58%	2.19%	4.07%	3.58%	3.93%	-0.55%	-2.43%	2.61%	2.39%
GTE NORTH INC. - IN	-2.09%	1.79%	3.41%	9.19%	-2.67%	1.12%	6.42%	-5.08%	-1.60%
INDIANA BELL TEL CO	-1.29%	3.66%	-0.13%	1.33%	0.30%	-0.26%	-0.03%	4.45%	2.76%
UTC OF INDIANA	4.45%	5.29%	-1.94%	6.17%	-1.17%	3.34%	1.97%	1.31%	4.99%
GTE NORTH INC. - IA	-1.89%	6.34%	1.19%	7.23%	-5.44%	-2.44%	-4.53%	4.00%	-1.21%
NORTHWESTERN BELL-IA	-2.55%	2.14%	0.40%	1.36%	-0.17%	0.79%	-4.37%	4.75%	1.83%
SOUTHWESTERN BELL-KS	-2.69%	1.73%	3.05%	1.54%	4.72%	0.15%	-2.73%	3.96%	0.70%
UTC OF KANSAS	-0.41%	2.40%	2.71%	-1.30%	-1.98%	-6.09%	0.85%	2.38%	7.45%
CINCINNATI BELL-KY	1.15%	1.86%	0.57%	0.84%	2.60%	-0.45%	2.82%	4.08%	-1.85%
GTE SOUTH INC. - KY	13.61%	1.06%	2.97%	4.79%	6.47%	-1.91%	-2.05%	8.25%	4.05%
SO CENTRAL BELL-KY	0.08%	1.33%	0.69%	5.42%	1.85%	-4.93%	2.22%	3.18%	-0.68%
SO CENTRAL BELL-LA	5.95%	4.78%	1.78%	-0.47%	-1.15%	-1.59%	-1.62%	2.20%	2.50%
NEW ENGLAND TEL-ME	2.85%	2.78%	2.33%	2.45%	-4.19%	3.33%	4.60%	0.02%	3.44%
C & P TEL CO OF MD	4.65%	5.36%	2.98%	0.21%	-2.84%	3.29%	2.13%	6.30%	7.42%
NEW ENGLAND TEL-MA	2.96%	2.87%	1.59%	4.52%	0.54%	-1.37%	1.68%	5.32%	-9.04%
GTE NORTH INC. - MI	-0.20%	-0.37%	-0.03%	2.96%	1.58%	0.61%	0.39%	2.20%	-0.77%
MICHIGAN BELL TEL CO	-0.33%	-0.35%	1.78%	0.95%	-1.37%	1.69%	1.70%	8.23%	3.53%
CENDEL OF MN	7.41%	4.17%	7.74%	0.61%	5.79%	2.70%	2.64%	8.26%	2.35%
GTE NORTH INC. - MN	7.20%	2.74%	-2.03%	-3.10%	-2.21%	-5.06%	-6.11%	0.12%	-2.56%
NORTHWESTERN BELL-MN	-1.03%	5.42%	5.18%	3.35%	0.07%	1.83%	-2.91%	7.84%	-0.65%
SO CENTRAL BELL-MS	0.21%	4.23%	1.98%	2.64%	6.77%	-0.50%	3.21%	5.18%	0.82%
GTE NORTH INC. - MO	-0.43%	5.20%	2.20%	4.43%	1.40%	0.34%	1.31%	-0.43%	-0.44%
SOUTHWESTERN BELL-MO	-0.21%	4.12%	-1.13%	3.98%	3.25%	2.21%	1.24%	1.65%	-1.91%



TABLE 4.13 B  
 LOCAL SUBSCRIBER LINE USAGE MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	2.48%	6.41%	1.40%	0.79%	-0.40%	-1.07%	4.68%	1.12%	6.51%
GTE NORTHWEST INC-MT	4.07%	-3.64%	18.61%	1.51%	1.48%	-2.66%	-2.05%	-7.54%	0.00%
MOUNTAIN BELL-MT	-1.31%	3.09%	2.10%	1.24%	0.36%	2.35%	-4.60%	10.23%	6.27%
GTE NORTH INC. - NE	-7.42%	13.39%	3.98%	1.70%	-4.38%	-2.60%	-2.97%	-0.70%	-0.73%
LINCOLN TEL & TEL CO	1.44%	4.35%	5.53%	4.93%	1.08%	-0.06%	1.41%	-0.11%	1.71%
NORTHWESTERN BELL-NE	6.56%	-1.11%	8.93%	-2.96%	6.11%	-0.89%	-1.70%	4.45%	-3.28%
CENTEL OF NV	4.71%	1.54%	3.05%	-2.14%	10.30%	3.98%	8.27%	26.50%	9.75%
NEVADA BELL	4.30%	5.37%	3.67%	4.32%	0.22%	2.57%	7.55%	0.99%	5.09%
NEW ENGLAND TEL-NH	3.20%	3.10%	2.46%	9.38%	1.34%	0.87%	3.09%	10.96%	-7.53%
NEW JERSEY BELL	3.17%	-1.05%	0.94%	2.40%	-2.18%	-0.80%	-0.14%	5.52%	1.06%
GTE SOUTHWEST INC-NM	2.93%	4.51%	-0.68%	-1.60%	-3.95%	1.54%	-2.95%	-6.30%	0.95%
MOUNTAIN BELL-NM	-0.98%	1.09%	3.48%	3.33%	3.77%	4.95%	2.19%	7.75%	9.52%
CONTEL OF NY, INC	6.14%	2.42%	2.94%	2.88%	2.49%	2.99%	3.62%	-8.96%	3.48%
NEW YORK TEL CO	4.53%	3.14%	5.03%	7.46%	6.17%	1.01%	0.79%	3.89%	0.21%
CAROLINA TEL & TEL	0.78%	4.28%	3.33%	6.84%	2.83%	1.98%	2.78%	1.83%	2.40%
CENTEL OF NC	3.07%	4.04%	3.93%	3.26%	4.40%	2.69%	4.42%	1.86%	0.10%
GTE SOUTH INC - NC	0.57%	7.10%	5.08%	6.82%	3.71%	-4.89%	-0.15%	12.21%	8.58%
SOUTHERN BELL-NC	0.15%	0.94%	2.12%	9.06%	5.17%	4.23%	-3.94%	4.59%	6.81%
NORTHWESTERN BELL-ND	1.92%	3.30%	-1.33%	6.04%	-2.09%	-3.60%	-3.26%	6.66%	-6.82%
CENTEL OF OHIO #	-2.82%	-4.78%	1.36%	4.97%	-8.74%	6.53%	0.34%	3.65%	23.33%
CINCINNATI BELL-OH	-3.04%	2.46%	1.55%	6.13%	-3.04%	-0.10%	-0.14%	8.76%	-1.44%
GTE NORTH INC. - OH	3.78%	1.82%	1.31%	6.46%	1.03%	4.78%	-0.05%	0.03%	0.83%
OHIO BELL TEL CO	-1.48%	0.84%	3.46%	4.76%	-1.35%	-5.75%	0.55%	4.66%	-1.38%
UTC OF OHIO	2.45%	1.07%	-1.48%	4.22%	3.01%	5.14%	0.22%	-7.27%	6.01%
GTE SOUTHWEST INC-OK	6.69%	7.28%	0.98%	7.75%	4.23%	-1.11%	-11.26%	0.47%	4.87%
SOUTHWESTERN BELL-OK	1.23%	5.93%	3.49%	-1.34%	-1.68%	-1.38%	-2.63%	0.76%	-0.18%
GTE NORTHWEST INC-OR	5.81%	1.05%	4.46%	6.07%	5.75%	1.05%	3.84%	-0.95%	-2.18%
PACIFIC NW BELL-OR	-1.40%	-3.60%	2.89%	-4.03%	-1.77%	2.29%	-1.84%	9.31%	0.64%
UTC OF THE NW - OR	4.06%	-3.23%	3.39%	4.20%	25.35%	-11.20%	10.76%	3.33%	4.41%
BELL OF PENNSYLVANIA	2.91%	2.70%	-0.05%	-1.65%	-4.21%	5.98%	1.02%	3.37%	4.77%
GTE NORTH INC. - PA	1.07%	1.04%	3.07%	0.80%	0.74%	4.63%	3.73%	2.98%	0.07%
UTC OF PENNSYLVANIA	3.93%	0.60%	1.97%	6.80%	1.31%	1.19%	-0.54%	2.06%	-2.11%
NEW ENGLAND TEL - RI	1.84%	1.81%	1.72%	2.35%	-0.44%	-1.68%	-0.71%	0.70%	3.62%
GTE SOUTH INC. - SC	0.97%	-0.41%	4.25%	8.95%	3.55%	0.74%	0.80%	2.51%	1.04%
SOUTHERN BELL-SC	-0.58%	2.14%	2.06%	6.83%	4.85%	2.74%	-2.89%	4.95%	6.23%
UTC OF THE CAROLINAS	3.69%	-0.74%	6.05%	-1.72%	6.98%	4.48%	4.08%	8.06%	-12.79%
NORTHWESTERN BELL-SD	-0.95%	3.35%	-2.00%	5.59%	2.70%	-0.20%	-4.82%	4.68%	-3.28%
GTE SOUTH INC. - TN	-0.50%	-6.09%	-1.87%	3.39%	2.31%	4.94%	-0.39%	2.96%	-0.21%
SO. CENTRAL BELL -TN	-1.96%	2.34%	0.82%	3.66%	3.90%	4.06%	3.08%	3.08%	-4.04%
UNITED INTER-MT-TN	2.63%	-1.27%	0.95%	-2.07%	3.20%	4.53%	4.71%	5.48%	-10.34%
CENTEL OF TEXAS	8.31%	7.48%	7.41%	5.87%	7.68%	1.60%	-3.08%	20.63%	3.52%
CONTEL OF TEXAS	3.89%	8.61%	4.95%	8.17%	3.37%	4.91%	4.70%	-0.90%	-1.89%
GTE SOUTHWEST INC-TX	7.23%	3.01%	3.67%	6.95%	5.07%	1.39%	-3.51%	2.87%	4.11%
SOUTHWESTERN BELL-TX	5.41%	8.52%	3.64%	1.97%	5.20%	1.87%	-2.83%	2.91%	3.85%
MOUNTAIN BELL-UT	0.64%	5.19%	4.17%	5.66%	-1.50%	1.69%	-0.96%	8.20%	4.09%
NEW ENGLAND TEL-VT	6.81%	6.37%	4.62%	0.01%	-1.54%	-0.98%	-2.38%	4.31%	13.58%
CENTEL OF VIRGINIA	3.83%	6.98%	2.22%	-2.87%	8.40%	1.63%	0.52%	2.94%	4.21%

TABLE 4.13 B  
LOCAL SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	0.80%	3.30%	4.75%	2.75%	2.83%	3.81%	3.87%	6.14%	3.56%
GTE SOUTH INC. - VA	-0.75%	1.67%	-4.37%	0.75%	-0.91%	3.09%	-2.51%	2.50%	-0.47%
UNITED INTER-MT-VA	0.00%	0.68%	3.21%	-11.97%	-6.85%	0.76%	1.77%	6.99%	4.01%
GTE NORTHWEST INC-WA	-2.41%	2.51%	3.92%	7.14%	6.67%	8.43%	7.35%	10.56%	-0.21%
PACIFIC NW BELL-WA	2.37%	-0.03%	5.04%	-1.93%	-0.68%	6.68%	1.34%	6.15%	3.18%
UTC OF THE NW-WA	4.92%	3.33%	1.34%	-1.36%	4.73%	-3.37%	2.04%	-3.93%	3.16%
C & P TEL CO OF WV	1.49%	-0.79%	0.51%	0.61%	0.22%	-0.41%	3.22%	0.77%	0.97%
GTE SOUTH INC. - WV	-0.65%	4.69%	-1.67%	1.31%	-3.23%	2.24%	-2.27%	2.85%	-0.16%
GTE NORTH INC. - WI	1.78%	2.03%	0.11%	1.88%	2.03%	1.73%	-0.57%	-0.24%	0.06%
WISCONSIN BELL	-4.06%	2.01%	-1.22%	0.65%	2.51%	0.89%	-2.59%	8.59%	0.61%
MOUNTAIN BELL-WY	2.27%	4.10%	-3.58%	-3.01%	2.82%	-2.80%	-8.17%	10.01%	-3.31%
FULLY REPORTING TIER 1	2.06%	2.92%	2.91%	2.70%	1.91%	1.36%	0.78%	4.25%	1.62%
UTC OF FLORIDA	N/A	8.33%	3.06%	9.51%	6.94%	8.61%	7.12%	2.28%	8.37%
GTE HAWAIIAN TEL. CO	N/A	N/A	-1.96%	4.75%	5.14%	6.37%	0.19%	5.29%	-0.11%
UTC OF IOWA *	N/A	3.92%	1.20%	-2.44%	1.97%	-1.56%	-0.83%	1.47%	2.74%
UTC OF MINNESOTA	N/A	4.56%	5.12%	1.47%	9.54%	3.01%	1.91%	7.62%	4.03%
UTC OF THE WEST-NE	N/A	-0.51%	3.28%	-8.43%	-0.70%	7.70%	3.42%	3.41%	2.44%
UNITED TEL - NJ, INC	N/A	2.04%	3.36%	10.09%	11.14%	-8.00%	9.43%	7.40%	-4.85%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	3.84%	0.70%	2.55%	6.11%	6.58%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	-1.94%	11.07%	5.39%	11.90%	6.54%
UTC OF TEXAS INC	N/A	N/A	3.25%	-0.57%	-0.15%	8.10%	2.56%	4.64%	1.95%
CONTEL OF VIRGINIA	N/A	5.48%	3.93%	15.20%	7.52%	6.52%	6.36%	10.95%	9.40%
UTC OF THE WEST-WY	N/A	-0.76%	2.66%	1.48%	-2.32%	-4.01%	2.35%	7.86%	0.85%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	4.04%	6.25%	4.03%	6.70%	5.33%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	10.57%	2.02%	4.95%	5.39%	3.13%
TOTAL COST CO.	N/A	N/A	N/A	N/A	2.17%	1.48%	0.96%	4.33%	1.75%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	10.48%	12.74%	9.19%	28.62%	5.79%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	2.24%	1.58%	1.04%	4.61%	1.80%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.14 A  
STATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	132	142	150	159	181	182	190	207	226	234
SO CENTRAL BELL-AL	1,095	1,155	1,213	1,253	1,407	1,585	1,628	1,674	1,797	1,853
MOUNTAIN BELL - AZ	780	860	907	907	1,029	1,280	1,468	1,677	1,576	1,537
GTE SOUTHWEST INC-AR	107	111	108	111	117	133	132	145	159	150
SOUTHWESTERN BELL-AR	881	941	948	971	1,060	1,120	1,107	1,166	1,325	1,437
UTC OF ARKANSAS *	26	26	26	27	28	31	32	34	35	39
CONTEL OF CALIFORNIA	529	584	617	649	690	769	834	889	1,021	1,232
GTC OF CALIFORNIA	7,333	7,881	8,223	8,524	8,913	8,865	9,846	10,702	12,298	12,197
PACIFIC BELL	23,838	25,475	26,048	27,860	31,903	35,163	36,973	39,175	42,541	45,373
WEST COAST TEL OF CA	16	18	17	16	17	18	18	21	27	27
MOUNTAIN BELL-CO	1,199	1,340	1,465	1,519	1,599	1,910	2,049	2,238	1,989	2,067
SOUTHERN NEW ENGLAND	2,467	2,597	2,757	2,868	3,014	3,308	3,641	4,069	4,432	4,599
DIAMOND STATE TEL	113	120	126	144	219	278	203	226	261	298
C & P TEL CO OF WASH	0	0	0	0	0	0	0	0	0	0
CENDEL OF FLORIDA	185	215	237	251	298	347	438	448	503	538
GTE FLORIDA INC.	1,130	1,249	1,334	1,413	1,840	2,060	2,280	2,710	2,760	2,764
SOUTHERN BELL-FL	2,857	3,168	3,473	3,736	4,650	5,602	6,162	6,175	6,913	7,726
GTE SOUTH INC.- GA	260	277	289	307	339	383	418	452	497	505
SOUTHERN BELL-GA	1,791	1,896	1,993	2,029	2,385	2,820	2,739	2,931	3,301	3,639
GTE NORTHWEST INC-ID	76	79	81	87	100	107	109	113	114	121
MOUNTAIN BELL-ID	368	383	391	407	512	519	516	526	526	526
PACIFIC NW BELL-ID	28	29	29	32	35	36	37	38	41	43
CENDEL OF ILLINOIS #	175	181	186	193	215	226	244	269	295	297
GTE NORTH INC. - IL	1,140	1,311	1,386	1,406	1,464	1,534	1,582	1,671	1,889	1,923
ILLINOIS BELL TEL CO	2,792	2,793	2,838	2,999	3,557	3,594	3,748	3,669	3,874	4,213
GTE NORTH INC. - IN	617	652	682	717	772	836	866	944	1,172	1,240
INDIANA BELL TEL CO	1,254	1,321	1,389	1,435	1,653	1,811	1,887	2,019	2,126	2,379
UTC OF INDIANA	250	267	279	293	333	356	358	390	444	475
GTE NORTH INC. - IA	217	227	241	259	259	269	272	288	313	320
NORTHWESTERN BELL-IA	1,152	1,202	1,255	1,288	1,505	1,412	1,474	1,542	1,570	1,550
SOUTHWESTERN BELL-KS	1,200	1,311	1,316	1,327	1,385	1,449	1,418	1,497	1,582	1,740
UTC OF KANSAS	138	141	145	149	146	158	152	153	163	186
CINCINNATI BELL-KY	43	42	48	55	59	75	75	83	94	105
GTE SOUTH INC. - KY	282	324	336	346	378	431	450	520	554	550
SO CENTRAL BELL-KY	775	801	805	825	934	1,003	1,037	1,097	1,172	1,148
SO CENTRAL BELL-LA	1,851	2,080	2,233	2,236	2,640	2,829	2,534	2,438	2,607	2,668
NEW ENGLAND TEL-ME	607	641	675	731	797	916	949	1,062	1,173	1,215
C & P TEL CO OF MD	1,127	1,197	1,254	1,305	1,383	1,553	1,741	2,276	2,371	2,595
NEW ENGLAND TEL-MA	3,831	4,007	4,183	4,513	5,138	5,932	6,792	7,960	8,815	12,164
GTE NORTH INC. - MI	1,090	1,102	1,118	1,148	1,209	1,317	1,409	1,467	1,644	1,647
MICHIGAN BELL TEL CO	5,278	5,543	5,618	5,864	7,168	8,791	9,318	9,589	9,897	10,819
CENDEL OF MN	77	85	92	100	106	117	120	144	133	143
GTE NORTH INC. - MN	6	7	8	9	9	8	8	9	10	10
NORTHWESTERN BELL-MN	1,145	1,210	1,286	1,364	1,671	1,686	1,783	1,911	1,997	1,979
SO CENTRAL BELL-MS	949	982	1,026	1,081	1,233	1,362	1,358	1,485	1,540	1,551
GTE NORTH INC. - MO	168	181	182	189	194	221	236	253	276	280
SOUTHWESTERN BELL-MO	1,579	1,632	1,639	1,593	1,706	1,858	1,932	2,073	2,231	2,396
UTC OF MISSOURI	322	341	350	355	367	402	400	422	507	471

TABLE 4.14 A  
STATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	7	8	7	8	9	9	9	10	10	10
MOUNTAIN BELL-MT	440	463	479	511	559	583	616	630	661	656
GTE NORTH INC. - NE	78	78	92	97	101	103	101	105	109	110
LINCOLN TEL & TEL CO	281	300	329	339	356	357	356	420	441	440
NORTHWESTERN BELL-NE	379	374	430	452	541	496	507	541	544	560
CENTEL OF NV	33	36	40	48	50	57	71	80	126	139
NEVADA BELL	81	91	91	96	115	141	159	163	251	223
NEW ENGLAND TEL-NH	469	509	548	611	687	788	942	1,078	1,115	1,252
NEW JERSEY BELL	10,198	10,645	11,340	12,361	14,212	15,234	16,856	18,752	20,062	21,237
GTE SOUTHWEST INC-NM	39	45	50	48	55	61	51	51	52	53
MOUNTAIN BELL-NM	414	444	486	495	544	600	670	691	685	668
CONTEL OF NY, INC	377	421	452	489	557	633	695	764	710	792
NEW YORK TEL CO	4,898	5,204	5,555	6,134	6,057	6,411	7,344	8,493	8,347	8,530
CAROLINA TEL & TEL	877	913	950	1,033	1,152	1,310	1,343	1,377	1,540	1,814
CENTEL OF NC	242	260	265	288	307	341	374	415	445	501
GTE SOUTH INC - NC	147	151	159	171	194	232	248	269	310	232
SOUTHERN BELL-NC	1,632	1,766	1,871	1,973	2,261	2,559	2,704	2,625	2,943	3,337
NORTHWESTERN BELL-ND	281	308	321	327	366	401	395	390	403	389
CENTEL OF OHIO #	85	87	89	87	88	108	130	162	172	157
CINCINNATI BELL-OH	278	294	330	349	356	467	483	542	498	639
GTE NORTH INC. - OH	1,030	1,079	1,132	1,139	1,186	1,279	1,344	1,506	1,690	1,766
OHIO BELL TEL CO	2,943	2,959	3,023	3,077	3,625	4,176	4,394	4,678	4,844	5,219
UTC OF OHIO	700	750	791	821	850	914	893	990	910	1,106
GTE SOUTHWEST INC-OK	183	207	220	233	242	258	249	261	268	263
SOUTHWESTERN BELL-OK	1,740	1,946	2,108	2,116	2,204	2,345	2,222	2,164	2,206	2,339
GTE NORTHWEST INC-OR	356	371	375	391	403	403	421	462	499	505
PACIFIC NW BELL-OR	1,188	1,129	1,254	1,313	1,612	1,469	1,561	1,699	1,757	1,841
UTC OF THE NW - OR	106	110	108	113	114	137	122	123	135	150
BELL OF PENNSYLVANIA	4,591	4,932	5,232	5,526	7,119	8,161	7,617	8,140	8,758	9,702
GTE NORTH INC. - PA	502	524	550	574	612	666	664	719	853	883
UTC OF PENNSYLVANIA	424	449	464	494	586	620	664	729	781	822
NEW ENGLAND TEL - RI	309	322	335	349	372	404	454	484	537	726
GTE SOUTH INC. - SC	146	148	152	161	176	212	227	244	273	264
SOUTHERN BELL-SC	782	838	846	868	1,020	1,197	1,209	1,267	1,433	1,600
UTC OF THE CAROLINAS	65	69	70	74	89	100	107	115	129	103
NORTHWESTERN BELL-SD	273	289	306	318	346	382	385	403	424	416
GTE SOUTH INC. - TN	55	59	63	66	74	85	85	91	102	103
SO. CENTRAL BELL -TN	1,325	1,429	1,510	1,567	1,852	2,119	2,178	2,337	2,681	2,982
UNITED INTER-MT-TN	144	148	155	165	204	231	269	296	324	278
CENTEL OF TEXAS	147	168	204	210	243	264	269	293	296	314
CONTEL OF TEXAS	311	365	411	419	482	537	552	606	585	655
GTE SOUTHWEST INC-TX	1,656	1,837	1,935	2,030	2,217	2,456	2,516	2,905	2,784	2,693
SOUTHWESTERN BELL-TX	7,164	7,984	8,624	8,367	10,712	11,856	11,572	11,351	11,563	12,817
MOUNTAIN BELL-UT	608	663	650	654	704	792	851	894	879	942
NEW ENGLAND TEL-VT	273	285	296	315	341	357	405	433	459	503
CENTEL OF VIRGINIA	247	274	292	308	324	345	352	420	499	546
C & P TEL CO OF VA	1,614	1,700	1,776	1,846	2,086	2,514	2,638	2,853	3,063	3,405
GTE SOUTH INC. - VA	38	41	41	39	43	50	51	55	59	59

TABLE 4.14 A  
STATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	79	84	87	87	96	108	116	120	135	150
GTE NORTHWEST INC-WA	585	615	649	717	788	853	925	1,036	1,202	1,217
PACIFIC NW BELL-WA	1,707	1,863	1,961	2,108	2,600	2,822	2,706	3,054	3,206	3,315
UTC OF THE NW-WA	113	119	127	135	130	146	146	152	157	177
C & P TEL CO OF WV	749	787	807	791	877	1,018	985	959	931	895
GTE SOUTH INC. - WV	74	79	79	80	88	101	103	109	113	113
GTE NORTH INC. - WI	524	555	574	594	622	684	720	769	924	962
WISCONSIN BELL	1,507	1,591	1,689	1,732	1,859	2,001	2,088	2,241	2,513	2,771
MOUNTAIN BELL-WY	266	289	290	278	324	342	336	325	320	322
<b>FULLY REPORTING TIER 1</b>	<b>129,036</b>	<b>137,577</b>	<b>144,076</b>	<b>151,042</b>	<b>172,405</b>	<b>189,957</b>	<b>199,415</b>	<b>213,686</b>	<b>228,512</b>	<b>245,633</b>
UTC OF FLORIDA	N/A	751	849	993	1,104	1,249	1,260	1,365	1,426	1,505
GTE HAWAIIAN TEL. CO	N/A	N/A	215	251	273	279	328	337	368	370
UTC OF IOWA *	N/A	113	122	124	133	148	146	157	165	175
UTC OF MINNESOTA	N/A	115	125	134	144	169	171	180	196	206
UTC OF THE WEST-NE	N/A	21	22	23	23	29	28	27	27	28
UNITED TEL - NJ, INC	N/A	353	378	410	459	572	658	719	788	736
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	533	569	617	654	713	768
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	701	879	998	1,278	1,742	1,635
UTC OF TEXAS INC	N/A	N/A	258	262	307	342	345	350	374	404
CONTEL OF VIRGINIA	N/A	427	466	487	570	771	784	991	761	716
UTC OF THE WEST-WY	N/A	6	6	6	6	8	8	7	8	8
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>4,254</b>	<b>5,016</b>	<b>5,341</b>	<b>6,065</b>	<b>6,569</b>	<b>6,550</b>
<b>ALL OTHER COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>9,738</b>	<b>11,147</b>	<b>12,040</b>	<b>13,095</b>	<b>14,336</b>	<b>15,308</b>
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>186,397</b>	<b>206,119</b>	<b>216,796</b>	<b>232,846</b>	<b>249,417</b>	<b>267,491</b>
<b>AVERAGE SCHEDULE CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>3,509</b>	<b>4,013</b>	<b>4,154</b>	<b>5,329</b>	<b>6,883</b>	<b>7,134</b>
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>189,906</b>	<b>210,133</b>	<b>220,950</b>	<b>238,175</b>	<b>256,300</b>	<b>274,625</b>

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.14 B  
STATE SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	7.36%	5.94%	6.15%	13.43%	0.68%	4.53%	8.77%	9.37%	3.39%
SO CENTRAL BELL-AL	5.47%	5.08%	3.24%	12.34%	12.65%	2.68%	2.86%	7.34%	3.08%
MOUNTAIN BELL - AZ	10.20%	5.50%	0.05%	13.39%	24.38%	14.71%	14.23%	-5.98%	-2.47%
GTE SOUTHWEST INC-AR	3.47%	-2.02%	2.68%	4.64%	13.95%	-0.88%	10.41%	9.20%	-5.49%
SOUTHWESTERN BELL-AR	6.76%	0.82%	2.42%	9.10%	5.71%	-1.18%	5.35%	13.60%	8.47%
UTC OF ARKANSAS *	0.27%	0.65%	2.09%	2.98%	13.20%	2.21%	4.84%	4.49%	11.68%
CONTEL OF CALIFORNIA	10.32%	5.73%	5.23%	6.30%	11.37%	8.51%	6.65%	14.79%	20.67%
GTC OF CALIFORNIA	7.47%	4.34%	3.66%	4.56%	-0.53%	11.06%	8.70%	14.92%	-0.83%
PACIFIC BELL	6.87%	2.25%	6.96%	14.51%	10.22%	5.15%	5.96%	8.59%	6.66%
WEST COAST TEL OF CA	12.52%	-5.75%	-3.11%	3.28%	4.95%	3.82%	14.16%	27.73%	0.73%
MOUNTAIN BELL-CO	11.81%	9.29%	3.71%	5.26%	19.45%	7.27%	9.19%	-11.11%	3.90%
SOUTHERN NEW ENGLAND	5.27%	6.16%	4.03%	5.09%	9.76%	10.07%	11.76%	8.91%	3.78%
DIAMOND STATE TEL	6.56%	5.10%	13.62%	52.57%	26.98%	-27.09%	11.33%	15.49%	14.18%
C & P TEL CO OF WASH	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
CENTEL OF FLORIDA	16.00%	10.19%	5.91%	18.86%	16.26%	26.27%	2.27%	12.33%	6.88%
GTE FLORIDA INC.	10.53%	6.83%	5.88%	30.24%	11.98%	10.65%	18.87%	1.85%	0.14%
SOUTHERN BELL-FL	10.88%	9.63%	7.58%	24.45%	20.49%	9.99%	0.21%	11.95%	11.76%
GTE SOUTH INC. - GA	6.61%	4.09%	6.55%	10.24%	13.01%	9.25%	8.10%	9.88%	1.61%
SOUTHERN BELL-GA	5.86%	5.15%	1.78%	17.55%	18.25%	-2.88%	7.02%	12.63%	10.23%
GTE NORTHWEST INC-ID	4.34%	2.04%	7.02%	15.66%	7.01%	1.99%	3.26%	1.42%	5.71%
MOUNTAIN BELL-ID	4.15%	2.06%	4.22%	25.69%	1.36%	-0.58%	1.91%	0.04%	-0.03%
PACIFIC NW BELL-ID	3.45%	1.22%	8.31%	9.49%	2.85%	2.08%	4.19%	7.46%	5.40%
CENTEL OF ILLINOIS #	3.22%	2.67%	3.65%	11.62%	5.35%	7.95%	10.08%	9.69%	0.45%
GTE NORTH INC. - IL	14.99%	5.72%	1.47%	4.11%	4.78%	3.15%	5.63%	13.04%	1.79%
ILLINOIS BELL TEL CO	0.05%	1.59%	5.67%	18.63%	1.03%	4.28%	-2.09%	5.58%	8.75%
GTE NORTH INC. - IN	5.74%	4.47%	5.17%	7.70%	8.29%	3.59%	9.04%	24.14%	5.78%
INDIANA BELL TEL CO	5.31%	5.19%	3.31%	15.18%	9.55%	4.21%	7.01%	5.27%	11.89%
UTC OF INDIANA	6.74%	4.84%	4.97%	13.42%	6.99%	0.50%	8.93%	13.87%	7.08%
GTE NORTH INC. - IA	4.44%	6.53%	7.18%	-0.06%	4.01%	1.20%	5.69%	8.74%	2.28%
NORTHWESTERN BELL-IA	4.37%	4.35%	2.65%	16.90%	-6.19%	4.37%	4.60%	1.82%	-1.24%
SOUTHWESTERN BELL-KS	9.21%	0.42%	0.84%	4.32%	4.65%	-2.13%	5.55%	5.70%	9.96%
UTC OF KANSAS	2.40%	2.75%	2.24%	-1.81%	8.31%	-4.08%	0.76%	7.00%	13.64%
CINCINNATI BELL-KY	-2.89%	13.53%	14.92%	7.96%	26.02%	0.34%	9.79%	14.18%	11.79%
GTE SOUTH INC. - KY	14.82%	3.72%	3.09%	9.16%	14.05%	4.49%	15.49%	6.46%	-0.67%
SO CENTRAL BELL-KY	3.31%	0.55%	2.49%	13.17%	7.40%	3.36%	5.85%	6.77%	-2.05%
SO CENTRAL BELL-LA	12.36%	7.36%	0.16%	18.02%	7.18%	-10.44%	-3.78%	6.95%	2.31%
NEW ENGLAND TEL-ME	5.54%	5.25%	8.32%	9.08%	14.98%	3.60%	11.86%	10.43%	3.64%
C & P TEL CO OF MD	6.18%	4.81%	4.05%	5.94%	12.31%	12.11%	30.73%	4.17%	9.43%
NEW ENGLAND TEL-MA	4.59%	4.39%	7.89%	13.85%	15.45%	14.50%	17.19%	10.74%	38.00%
GTE NORTH INC. - MI	1.10%	1.45%	2.69%	5.32%	8.91%	6.99%	4.08%	12.11%	0.17%
MICHIGAN BELL TEL CO	5.02%	1.36%	4.37%	22.24%	22.64%	5.99%	2.92%	3.21%	9.32%
CENTEL OF MN	9.79%	8.22%	9.27%	5.09%	10.59%	3.16%	19.42%	-7.55%	7.53%
GTE NORTH INC. - MN	17.12%	11.52%	9.45%	-3.67%	-6.36%	4.32%	4.96%	8.50%	5.21%
NORTHWESTERN BELL-MN	5.65%	6.31%	6.07%	22.48%	0.94%	5.70%	7.21%	4.51%	-0.90%
SO CENTRAL BELL-MS	3.45%	4.44%	5.39%	14.04%	10.51%	-0.33%	9.33%	3.72%	0.72%
GTE NORTH INC. - MO	7.67%	0.71%	3.95%	2.50%	13.86%	6.62%	7.54%	9.00%	1.37%
SOUTHWESTERN BELL-MO	3.35%	0.45%	-2.83%	7.11%	8.92%	3.98%	7.27%	7.62%	7.42%

TABLE 4.14 B  
STATE SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	6.15%	2.61%	1.40%	3.21%	9.61%	-0.54%	5.49%	20.13%	-7.11%
GTE NORTHWEST INC-MT	10.06%	-2.63%	7.52%	11.02%	3.60%	3.35%	2.40%	1.86%	2.44%
MOUNTAIN BELL-MT	5.28%	3.30%	6.81%	9.41%	4.26%	5.71%	2.14%	4.99%	-0.79%
GTE NORTH INC. - NE	0.15%	17.82%	5.93%	3.85%	1.73%	-2.31%	4.49%	3.99%	0.62%
LINCOLN TEL & TEL CO	6.65%	9.72%	3.11%	5.02%	0.32%	-0.31%	17.87%	5.06%	-0.28%
NORTHWESTERN BELL-NE	-1.24%	15.03%	5.15%	19.73%	-8.39%	2.23%	6.62%	0.64%	2.99%
CENTEL OF NV	10.03%	10.13%	18.36%	6.16%	12.89%	25.44%	12.09%	57.64%	10.48%
NEVADA BELL	11.81%	0.70%	5.13%	19.67%	22.78%	12.43%	2.90%	53.57%	-10.99%
NEW ENGLAND TEL-NH	8.52%	7.85%	11.42%	12.34%	14.73%	19.65%	14.36%	3.46%	12.28%
NEW JERSEY BELL	4.38%	6.52%	9.01%	14.98%	7.19%	10.65%	11.25%	6.99%	5.86%
GTE SOUTHWEST INC-NM	14.15%	11.59%	-3.38%	14.58%	10.91%	-15.59%	-0.95%	2.82%	1.07%
MOUNTAIN BELL-NM	7.23%	9.52%	1.86%	9.79%	10.36%	11.69%	3.05%	-0.77%	-2.52%
CONTEL OF NY, INC	11.69%	7.31%	8.09%	13.84%	13.78%	9.78%	9.90%	-7.11%	11.53%
NEW YORK TEL CO	6.24%	6.76%	10.42%	-1.25%	5.83%	14.55%	15.66%	-1.72%	2.19%
CAROLINA TEL & TEL	4.04%	4.12%	8.69%	11.59%	13.66%	2.49%	2.55%	11.88%	17.80%
CENTEL OF NC	7.62%	1.88%	8.51%	6.65%	11.03%	9.96%	10.71%	7.39%	12.53%
GTE SOUTH INC - NC	2.84%	4.88%	7.65%	13.67%	19.58%	6.88%	8.48%	15.25%	-25.16%
SOUTHERN BELL-NC	8.23%	5.91%	5.50%	14.59%	13.15%	5.69%	-2.95%	12.15%	13.36%
NORTHWESTERN BELL-ND	9.35%	4.44%	1.76%	11.86%	9.62%	-1.55%	-1.12%	3.27%	-3.36%
CENTEL OF OHIO #	2.04%	2.60%	-2.13%	1.36%	22.46%	20.31%	24.80%	5.84%	-8.32%
CINCINNATI BELL-OH	5.75%	12.32%	5.81%	1.88%	31.24%	3.53%	12.27%	-8.10%	28.12%
GTE NORTH INC. - OH	4.80%	4.87%	0.66%	4.08%	7.85%	5.12%	11.99%	12.25%	4.50%
OHIO BELL TEL CO	0.54%	2.16%	1.80%	17.83%	15.19%	5.22%	6.45%	3.55%	7.75%
UTC OF OHIO	7.21%	5.48%	3.76%	3.45%	7.53%	-2.24%	10.82%	-8.07%	21.60%
GTE SOUTHWEST INC-OK	13.04%	5.93%	6.29%	3.57%	6.56%	-3.29%	4.77%	2.82%	-2.03%
SOUTHWESTERN BELL-OK	11.82%	8.35%	0.38%	4.12%	6.41%	-5.25%	-2.62%	1.96%	6.01%
GTE NORTHWEST INC-OR	4.14%	1.18%	4.13%	3.31%	-0.14%	4.47%	9.78%	8.07%	1.12%
PACIFIC NW BELL-OR	-4.99%	11.07%	4.72%	22.78%	-8.89%	6.29%	8.84%	3.42%	4.80%
UTC OF THE NW - OR	3.77%	-1.72%	4.49%	0.97%	20.18%	-10.88%	0.61%	9.58%	11.46%
BELL OF PENNSYLVANIA	7.44%	6.07%	5.63%	28.83%	14.63%	-6.66%	6.87%	7.59%	10.77%
GTE NORTH INC. - PA	4.38%	4.96%	4.36%	6.62%	8.82%	-0.35%	8.29%	18.68%	3.52%
UTC OF PENNSYLVANIA	5.97%	3.37%	6.32%	18.70%	5.81%	7.16%	9.72%	7.14%	5.28%
NEW ENGLAND TEL - RI	4.26%	4.09%	4.29%	6.41%	8.77%	12.17%	6.71%	10.91%	35.12%
GTE SOUTH INC. - SC	1.37%	2.67%	5.82%	9.46%	20.45%	7.22%	7.37%	11.79%	-3.25%
SOUTHERN BELL-SC	7.16%	1.00%	2.54%	17.60%	17.28%	1.03%	4.81%	13.10%	11.67%
UTC OF THE CAROLINAS	5.26%	1.60%	5.88%	19.85%	13.00%	6.57%	7.87%	12.34%	-20.40%
NORTHWESTERN BELL-SD	5.74%	6.01%	3.75%	8.72%	10.58%	0.64%	4.75%	5.24%	-2.03%
GTE SOUTH INC. - TN	7.27%	6.53%	5.33%	11.02%	15.64%	-0.36%	7.31%	12.08%	1.12%
SO. CENTRAL BELL -TN	7.87%	5.67%	3.75%	18.20%	14.41%	2.77%	7.31%	14.71%	11.23%
UNITED INTER-MT-TN	3.12%	4.61%	6.18%	24.27%	13.12%	16.30%	9.96%	9.64%	-14.26%
CENTEL OF TEXAS	14.09%	21.53%	2.90%	15.52%	9.03%	1.68%	8.99%	0.97%	6.23%
CONTEL OF TEXAS	17.56%	12.55%	1.99%	15.14%	11.34%	2.68%	9.93%	-3.51%	12.00%
GTE SOUTHWEST INC-TX	10.91%	5.37%	4.91%	9.20%	10.78%	2.45%	15.43%	-4.14%	-3.28%
SOUTHWESTERN BELL-TX	11.45%	8.01%	-2.99%	28.03%	10.69%	-2.39%	-1.91%	1.87%	10.85%
MOUNTAIN BELL-UT	9.02%	-1.97%	0.59%	7.70%	12.53%	7.42%	5.12%	-1.69%	7.13%
NEW ENGLAND TEL-VT	4.22%	4.05%	6.24%	8.47%	4.52%	13.59%	6.85%	6.04%	9.55%
CENTEL OF VIRGINIA	11.33%	6.54%	5.22%	5.35%	6.43%	1.99%	19.48%	18.66%	9.43%

TABLE 4.14 B  
STATE SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	5.36%	4.49%	3.90%	13.04%	20.49%	4.95%	8.15%	7.36%	11.16%
GTE SOUTH INC. - VA	8.08%	0.43%	-3.93%	9.89%	15.85%	1.68%	7.41%	8.68%	-0.59%
UNITED INTER-MT-VA	6.64%	3.69%	0.26%	10.66%	11.84%	7.61%	3.45%	12.24%	11.29%
GTE NORTHWEST INC-WA	5.13%	5.50%	10.44%	10.03%	8.17%	8.44%	12.05%	16.01%	1.23%
PACIFIC NW BELL-WA	9.11%	5.26%	7.50%	23.36%	8.52%	-4.11%	12.88%	4.97%	3.39%
UTC OF THE NW-WA	5.53%	6.11%	6.29%	-3.20%	11.70%	0.37%	4.17%	2.97%	13.25%
C & P TEL CO OF WV	5.06%	2.54%	-1.99%	10.89%	16.04%	-3.24%	-2.64%	-2.92%	-3.82%
GTE SOUTH INC. - WV	6.76%	0.26%	0.92%	10.39%	14.47%	1.86%	5.98%	3.72%	-0.08%
GTE NORTH INC. - WI	5.82%	3.49%	3.51%	4.73%	9.95%	5.29%	6.81%	20.18%	4.07%
WISCONSIN BELL	5.57%	6.16%	2.52%	7.37%	7.60%	4.37%	7.30%	12.17%	10.27%
MOUNTAIN BELL-WY	8.49%	0.40%	-4.13%	16.55%	5.59%	-1.78%	-3.39%	-1.48%	0.62%
FULLY REPORTING TIER 1	6.62%	4.72%	4.83%	14.14%	10.18%	4.98%	7.16%	6.94%	7.49%
UTC OF FLORIDA	N/A	12.98%	17.01%	11.16%	13.12%	0.84%	8.38%	4.46%	5.54%
GTE HAWAIIAN TEL. CO	N/A	N/A	16.49%	8.89%	2.14%	17.57%	2.69%	9.28%	0.52%
UTC OF IOWA *	N/A	7.84%	1.58%	7.76%	11.11%	-1.86%	7.76%	4.92%	6.44%
UTC OF MINNESOTA	N/A	8.93%	7.39%	7.04%	17.84%	1.07%	5.37%	9.05%	4.85%
UTC OF THE WEST-NE	N/A	5.58%	5.61%	-0.25%	23.26%	-2.51%	-4.89%	1.43%	2.31%
UNITED TEL - NJ, INC	N/A	7.19%	8.24%	11.93%	24.78%	15.01%	9.31%	9.58%	-6.65%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	6.74%	8.40%	5.93%	9.13%	7.60%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	25.39%	13.53%	28.05%	36.30%	-6.14%
UTC OF TEXAS INC	N/A	N/A	1.30%	17.37%	11.51%	0.66%	1.69%	6.77%	8.01%
CONTEL OF VIRGINIA	N/A	9.06%	4.48%	17.16%	35.32%	1.61%	26.41%	-23.16%	-5.96%
UTC OF THE WEST-WY	N/A	-6.57%	5.26%	-3.49%	24.20%	-0.01%	-3.57%	6.91%	7.24%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	17.92%	6.48%	13.55%	8.31%	-0.28%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	14.47%	8.01%	8.76%	9.48%	6.78%
TOTAL COST CO.	N/A	N/A	N/A	N/A	10.58%	5.18%	7.40%	7.12%	7.25%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	14.37%	3.50%	28.28%	29.17%	3.64%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	10.65%	5.15%	7.80%	7.61%	7.15%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED



TABLE 4.15 A  
INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	132	146	153	161	196	200	209	250	258	257
SO CENTRAL BELL-AL	1,497	1,593	1,657	1,735	2,002	2,496	2,562	2,584	3,077	3,601
MOUNTAIN BELL - AZ	2,110	2,234	2,298	2,292	2,744	3,609	4,048	4,744	5,351	5,295
GTE SOUTHWEST INC-AR	72	77	77	78	84	102	104	129	136	129
SOUTHWESTERN BELL-AR	823	907	947	1,009	1,188	1,439	1,391	1,431	1,479	1,687
UTC OF ARKANSAS *	18	19	21	21	22	27	29	32	36	38
CONTEL OF CALIFORNIA	131	140	153	170	185	219	249	321	382	488
GTC OF CALIFORNIA	2,075	2,194	2,237	2,374	2,468	2,962	3,544	4,368	5,267	5,195
PACIFIC BELL	9,684	10,145	10,561	11,677	13,580	16,381	16,392	17,474	18,735	21,084
WEST COAST TEL OF CA	9	11	10	11	12	12	11	12	15	17
MOUNTAIN BELL-CO	2,523	2,902	3,142	3,263	3,796	4,188	4,724	5,107	5,589	5,564
SOUTHERN NEW ENGLAND	2,820	2,961	3,056	3,231	3,759	4,441	4,904	5,552	5,973	6,083
DIAMOND STATE TEL	620	640	646	688	831	1,025	1,151	1,271	1,435	1,602
C & P TEL CO OF WASH	1,844	1,911	1,912	2,007	2,391	3,007	3,130	2,922	2,239	2,526
CENTEL OF FLORIDA	200	234	257	286	324	395	489	576	640	653
GTE FLORIDA INC.	1,443	1,688	1,856	1,964	2,309	2,638	2,980	3,611	3,980	3,900
SOUTHERN BELL-FL	4,639	5,025	5,423	5,872	6,622	7,616	8,381	9,540	12,059	13,537
GTE SOUTH INC. - GA	159	166	170	183	216	242	244	272	295	304
SOUTHERN BELL-GA	3,375	3,654	3,856	3,963	4,533	5,252	5,331	5,912	6,964	7,702
GTE NORTHWEST INC-ID	127	136	136	145	179	195	195	204	232	276
MOUNTAIN BELL-ID	418	449	466	503	613	743	782	824	879	901
PACIFIC NW BELL-ID	38	39	41	42	48	53	57	63	71	75
CENTEL OF ILLINOIS #	213	223	218	244	275	296	369	467	584	699
GTE NORTH INC. - IL	458	556	587	609	629	678	690	769	894	937
ILLINOIS BELL TEL CO	6,488	6,675	7,080	7,624	8,445	9,672	10,341	11,906	13,565	14,836
GTE NORTH INC. - IN	670	717	724	759	829	945	1,015	1,118	1,359	1,502
INDIANA BELL TEL CO	1,755	1,902	1,920	1,956	2,289	2,837	2,944	3,335	3,703	3,953
UTC OF INDIANA	154	176	183	195	210	226	210	246	291	322
GTE NORTH INC. - IA	87	96	104	112	119	129	132	139	158	159
NORTHWESTERN BELL-IA	1,090	1,145	1,193	1,319	1,654	2,054	2,179	2,204	2,444	2,337
SOUTHWESTERN BELL-KS	1,206	1,302	1,321	1,432	1,647	1,947	1,954	2,126	2,423	2,748
UTC OF KANSAS	95	97	99	108	110	119	126	140	161	195
CINCINNATI BELL-KY	97	101	119	148	160	231	234	254	280	285
GTE SOUTH INC. - KY	305	354	363	367	416	484	499	679	680	663
SO CENTRAL BELL-KY	1,041	1,085	1,101	1,124	1,317	1,537	1,559	1,577	1,893	2,264
SO CENTRAL BELL-LA	1,885	2,071	2,167	2,265	2,614	3,120	2,918	2,814	3,597	4,485
NEW ENGLAND TEL-ME	481	529	577	641	725	864	966	1,039	1,139	1,140
C & P TEL CO OF MD	2,793	2,937	3,005	3,192	3,628	4,418	5,087	5,975	6,746	7,045
NEW ENGLAND TEL-MA	3,909	4,159	4,408	4,706	5,293	6,934	7,854	8,528	9,696	10,036
GTE NORTH INC. - MI	330	342	353	373	419	470	534	588	697	730
MICHIGAN BELL TEL CO	3,266	3,383	3,410	3,637	4,496	5,507	6,272	6,851	7,466	8,446
CENTEL OF MN	50	56	59	64	77	86	94	118	144	161
GTE NORTH INC. - MN	3	3	4	4	4	4	4	4	5	5
NORTHWESTERN BELL-MN	1,784	1,895	1,957	2,131	2,410	3,201	3,540	3,791	4,190	4,005
SO CENTRAL BELL-MS	1,073	1,152	1,200	1,264	1,436	1,784	1,828	1,841	2,222	2,705
GTE NORTH INC. - MO	97	100	104	117	134	151	176	202	240	242
SOUTHWESTERN BELL-MO	2,740	2,762	2,785	2,851	3,271	4,095	3,906	3,902	4,440	4,939
UTC OF MISSOURI	161	181	204	224	208	296	311	311	346	409

TABLE 4.15 A  
INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	8	9	9	10	12	13	13	14	15	15
MOUNTAIN BELL-MT	406	457	473	474	550	624	646	695	791	828
GTE NORTH INC. - NE	36	35	41	44	49	54	55	67	70	70
LINCOLN TEL & TEL CO	214	226	235	234	292	317	355	430	498	510
NORTHWESTERN BELL-NE	658	786	790	836	943	1,149	1,281	1,450	1,650	1,307
CENTEL OF NV	563	614	625	648	860	873	1,239	1,319	1,665	1,473
NEVADA BELL	375	409	419	470	535	571	540	577	710	687
NEW ENGLAND TEL-NH	807	877	948	1,037	1,182	1,497	1,747	1,915	1,933	2,201
NEW JERSEY BELL	7,173	7,542	7,877	8,425	9,773	11,738	12,351	14,153	16,169	17,227
GTE SOUTHWEST INC-NM	72	84	88	83	88	95	84	99	99	99
MOUNTAIN BELL-NM	703	768	823	864	1,004	1,191	1,320	1,490	1,529	1,659
CONTEL OF NY, INC	132	147	159	174	205	254	291	333	336	382
NEW YORK TEL CO	10,926	11,709	12,637	13,757	16,833	19,755	21,857	23,914	26,594	28,484
CAROLINA TEL & TEL	621	654	698	788	932	1,143	1,235	1,489	1,760	2,031
CENTEL OF NC	135	149	150	170	196	224	256	289	314	342
GTE SOUTH INC - NC	137	157	172	193	221	259	251	329	343	343
SOUTHERN BELL-NC	1,538	1,723	1,818	1,980	2,277	2,618	2,694	3,120	3,694	4,254
NORTHWESTERN BELL-ND	299	335	377	365	417	507	529	576	621	654
CENTEL OF OHIO #	42	44	47	48	60	76	80	101	110	95
CINCINNATI BELL-OH	654	697	800	852	924	1,301	1,403	1,510	1,532	1,630
GTE NORTH INC. - OH	519	560	547	557	609	686	774	924	1,049	1,197
OHIO BELL TEL CO	3,275	3,397	3,615	3,823	4,558	4,978	5,984	6,615	7,001	7,522
UTC OF OHIO	324	347	376	404	446	531	496	574	616	864
GTE SOUTHWEST INC-OK	105	122	131	132	143	170	184	242	223	225
SOUTHWESTERN BELL-OK	1,729	1,892	2,053	2,020	2,195	2,470	2,363	2,479	2,733	3,034
GTE NORTHWEST INC-OR	297	324	321	336	360	384	447	496	632	663
PACIFIC NW BELL-OR	1,122	1,285	1,290	1,366	1,665	1,811	2,093	2,288	2,502	2,571
UTC OF THE NW - OR	47	49	50	54	61	76	74	76	91	102
BELL OF PENNSYLVANIA	5,436	5,747	6,065	6,481	7,749	9,283	9,368	10,283	11,619	12,856
GTE NORTH INC. - PA	362	370	391	400	424	490	546	662	767	836
UTC OF PENNSYLVANIA	193	210	214	228	296	323	328	375	463	499
NEW ENGLAND TEL - RI	704	740	776	829	940	1,159	1,306	1,438	1,549	1,731
GTE SOUTH INC. - SC	151	165	172	193	219	249	275	363	387	390
SOUTHERN BELL-SC	1,056	1,163	1,230	1,348	1,598	1,716	1,924	2,169	2,648	2,939
UTC OF THE CAROLINAS	68	75	81	88	104	112	122	137	157	147
NORTHWESTERN BELL-SD	301	328	351	381	479	514	596	624	697	686
GTE SOUTH INC. - TN	42	49	53	56	61	73	72	78	93	95
SO. CENTRAL BELL -TN	2,101	2,249	2,449	2,633	3,207	3,797	3,829	3,986	4,496	5,136
UNITED INTER-MT-TN	178	194	209	220	244	266	310	367	389	324
CENTEL OF TEXAS	119	132	137	152	200	224	275	290	322	328
CONTEL OF TEXAS	71	82	94	95	120	157	154	187	196	281
GTE SOUTHWEST INC-TX	793	875	886	917	1,054	1,253	1,427	2,131	1,954	1,907
SOUTHWESTERN BELL-TX	5,590	6,268	7,040	7,240	8,451	10,689	10,133	10,495	11,849	13,033
MOUNTAIN BELL-UT	817	922	992	1,098	1,209	1,513	1,640	1,650	1,889	1,939
NEW ENGLAND TEL-VT	393	421	449	491	561	616	674	747	814	784
CENTEL OF VIRGINIA	214	230	244	271	294	358	398	454	517	593
C & P TEL CO OF VA	2,703	2,850	2,970	3,256	3,921	4,492	4,825	5,869	6,353	7,258
GTE SOUTH INC. - VA	37	39	39	37	43	47	49	55	69	69

TABLE 4.15 A  
INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	86	95	99	103	112	123	137	146	173	210
GTE NORTHWEST INC-WA	388	424	445	482	534	599	644	803	1,032	1,142
PACIFIC NW BELL-WA	1,750	1,925	2,036	2,154	2,601	3,158	3,391	3,794	4,184	4,226
UTC OF THE NW-WA	51	55	57	62	69	76	74	79	77	88
C & P TEL CO OF WV	812	862	869	901	1,019	1,130	1,194	1,309	1,363	1,499
GTE SOUTH INC. - WV	95	101	99	99	117	126	139	160	185	184
GTE NORTH INC. - WI	269	290	296	314	353	405	413	427	539	607
WISCONSIN BELL	1,539	1,633	1,746	1,868	2,166	2,490	2,807	3,086	3,487	3,920
MOUNTAIN BELL-WY	433	496	519	505	565	622	630	639	695	720
FULLY REPORTING TIER 1	126,653	135,660	142,898	152,188	177,013	210,757	224,973	248,491	278,696	301,060
UTC OF FLORIDA	N/A	895	1,005	1,077	1,115	1,385	1,495	1,796	2,013	2,212
GTE HAWAIIAN TEL. CO	N/A	N/A	499	529	558	737	919	1,366	1,452	1,412
UTC OF IOWA *	N/A	50	56	59	69	89	85	92	103	124
UTC OF MINNESOTA	N/A	53	55	60	65	85	90	105	127	162
UTC OF THE WEST-NE	N/A	33	35	35	36	45	46	49	58	66
UNITED TEL - NJ, INC	N/A	143	153	171	194	255	274	332	387	390
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	459	535	618	611	748	825
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	489	605	707	840	1,145	1,094
UTC OF TEXAS INC	N/A	N/A	49	46	60	71	74	92	108	150
CONTEL OF VIRGINIA	N/A	304	331	358	483	604	719	909	1,045	1,173
UTC OF THE WEST-WY	N/A	10	10	10	11	14	15	15	18	18
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	3,538	4,424	5,040	6,208	7,205	7,627
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	6,599	7,613	8,337	8,611	10,004	11,400
TOTAL COST CO.	N/A	N/A	N/A	N/A	187,151	222,795	238,350	263,310	295,906	320,087
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	2,378	2,741	3,175	3,698	4,681	5,428
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	189,529	225,536	241,525	267,008	300,587	325,515

DETAILS MAY NOT ADD TO TOTAL DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.15 B  
 INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	10.91%	4.74%	5.16%	21.70%	1.92%	4.74%	19.50%	3.18%	-0.50%
SO CENTRAL BELL-AL	6.42%	4.02%	4.71%	15.37%	24.72%	2.61%	0.88%	19.08%	17.03%
MOUNTAIN BELL - AZ	5.84%	2.88%	-0.27%	19.71%	31.53%	12.16%	17.21%	12.79%	-1.06%
GTE SOUTHWEST INC-AR	7.63%	-0.02%	0.99%	7.21%	21.11%	2.48%	23.91%	5.49%	-5.19%
SOUTHWESTERN BELL-AR	10.12%	4.44%	6.57%	17.70%	21.15%	-3.32%	2.84%	3.39%	14.06%
UTC OF ARKANSAS *	7.87%	7.20%	4.18%	2.91%	24.52%	5.15%	11.68%	10.35%	7.60%
CENDEL OF CALIFORNIA	6.73%	9.38%	10.88%	8.81%	18.55%	13.52%	28.94%	19.20%	27.75%
GTE OF CALIFORNIA	5.74%	1.98%	6.11%	3.94%	20.02%	19.65%	23.26%	20.57%	-1.36%
PACIFIC BELL	4.77%	4.10%	10.57%	16.30%	20.63%	0.07%	6.60%	7.22%	12.54%
WEST COAST TEL OF CA	18.33%	-3.30%	5.83%	7.94%	1.10%	-5.94%	8.40%	25.02%	10.53%
MOUNTAIN BELL-CO	15.01%	8.27%	3.85%	16.32%	10.34%	12.81%	8.10%	9.43%	-0.44%
SOUTHERN NEW ENGLAND	5.00%	3.21%	5.73%	16.34%	18.14%	10.43%	13.21%	7.59%	1.83%
DIAMOND STATE TEL	3.30%	0.95%	6.51%	20.77%	23.36%	12.27%	10.43%	12.90%	11.66%
C & P TEL CO OF WASH	3.64%	0.06%	4.97%	19.15%	25.73%	4.10%	-6.63%	-23.38%	12.82%
CENDEL OF FLORIDA	17.08%	10.18%	11.03%	13.40%	21.98%	23.68%	17.82%	11.14%	2.04%
GTE FLORIDA INC.	16.98%	9.95%	5.82%	17.58%	14.23%	12.95%	21.18%	10.22%	-2.01%
SOUTHERN BELL-FL	8.31%	7.92%	8.29%	12.77%	15.02%	10.04%	13.82%	26.41%	12.26%
GTE SOUTH INC.- GA	4.51%	2.05%	7.69%	18.33%	12.00%	0.66%	11.84%	8.19%	3.13%
SOUTHERN BELL-GA	8.26%	5.53%	2.78%	14.36%	15.88%	1.50%	10.89%	17.80%	10.60%
GTE NORTHWEST INC-ID	6.76%	0.04%	6.66%	23.79%	9.02%	0.06%	4.19%	14.01%	18.95%
MOUNTAIN BELL-ID	7.29%	3.97%	7.93%	21.73%	21.26%	5.20%	5.37%	6.70%	2.59%
PACIFIC NW BELL-ID	1.40%	6.53%	2.30%	13.78%	10.57%	6.50%	11.77%	11.63%	6.34%
CENDEL OF ILLINOIS #	5.01%	-2.18%	11.66%	12.71%	7.76%	24.46%	26.72%	25.07%	19.67%
GTE NORTH INC. - IL	21.34%	5.66%	3.66%	3.31%	7.82%	1.75%	11.52%	16.16%	4.85%
ILLINOIS BELL TEL CO	2.88%	6.07%	7.68%	10.77%	14.53%	6.91%	15.14%	13.93%	9.37%
GTE NORTH INC. - IN	7.03%	0.96%	4.78%	9.29%	13.99%	7.41%	10.12%	21.59%	10.51%
INDIANA BELL TEL CO	8.38%	0.97%	1.88%	17.00%	23.96%	3.76%	13.27%	11.03%	6.75%
UTC OF INDIANA	13.71%	4.28%	6.32%	7.60%	7.98%	-6.97%	16.91%	18.36%	10.39%
GTE NORTH INC. - IA	10.70%	7.68%	8.16%	6.54%	7.96%	2.63%	5.33%	13.25%	0.68%
NORTHWESTERN BELL-IA	5.02%	4.19%	10.57%	25.41%	24.14%	6.08%	1.17%	10.87%	-4.38%
SOUTHWESTERN BELL-KS	7.93%	1.45%	8.43%	15.00%	18.20%	0.38%	8.76%	14.00%	13.40%
UTC OF KANSAS	2.57%	2.03%	8.82%	2.27%	8.29%	5.94%	10.49%	15.01%	21.39%
CINCINNATI BELL-KY	4.00%	17.73%	24.66%	7.97%	44.23%	1.41%	8.36%	10.49%	1.70%
GTE SOUTH INC. - KY	16.16%	2.60%	0.95%	13.44%	16.27%	3.18%	35.87%	0.22%	-2.50%
SO CENTRAL BELL-KY	4.22%	1.42%	2.14%	17.19%	16.68%	1.45%	1.15%	19.99%	19.64%
SO CENTRAL BELL-LA	9.89%	4.62%	4.53%	15.41%	19.36%	-6.48%	-3.55%	27.82%	24.70%
NEW ENGLAND TEL-ME	9.94%	9.04%	11.10%	13.08%	19.20%	11.82%	7.53%	9.62%	0.14%
C & P TEL CO OF MD	5.16%	2.31%	6.23%	13.64%	21.80%	15.13%	17.46%	12.90%	4.43%
NEW ENGLAND TEL-MA	6.38%	6.00%	6.76%	12.47%	30.99%	13.27%	8.57%	13.70%	3.50%
GTE NORTH INC. - MI	3.64%	3.22%	5.67%	12.46%	12.04%	13.52%	10.20%	18.49%	4.78%
MICHIGAN BELL TEL CO	3.60%	0.79%	6.66%	23.61%	22.49%	13.89%	9.23%	8.98%	13.13%
CENDEL OF MN	12.27%	5.91%	7.59%	20.47%	12.72%	8.94%	25.56%	21.70%	11.80%
GTE NORTH INC. - MN	9.43%	7.97%	11.77%	1.53%	-0.55%	2.11%	7.70%	6.73%	6.51%
NORTHWESTERN BELL-MN	6.22%	3.25%	8.88%	13.10%	32.84%	10.59%	7.07%	10.53%	-4.41%
SO CENTRAL BELL-MS	7.41%	4.18%	5.33%	13.60%	24.23%	2.46%	0.70%	20.70%	21.75%
GTE NORTH INC. - MO	3.43%	4.12%	12.09%	14.59%	12.54%	16.25%	15.12%	18.54%	1.02%
SOUTHWESTERN BELL-MO	0.83%	0.81%	2.39%	14.71%	25.19%	-4.60%	-0.12%	13.80%	11.23%

TABLE 4.15 B  
 INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	12.35%	12.96%	10.06%	-7.34%	42.14%	5.17%	0.09%	11.10%	18.42%
GTE NORTHWEST INC-MT	21.01%	-0.50%	6.10%	21.51%	8.38%	1.92%	5.78%	6.17%	-0.50%
MOUNTAIN BELL-MT	12.54%	3.51%	0.25%	16.08%	13.37%	3.49%	7.65%	13.76%	4.73%
GTE NORTH INC. - NE	-1.60%	14.46%	8.19%	12.02%	9.90%	2.39%	20.76%	4.52%	0.31%
LINCOLN TEL & TEL CO	5.84%	4.08%	-0.40%	24.64%	8.72%	11.80%	21.24%	15.70%	2.38%
NORTHWESTERN BELL-NE	19.51%	0.42%	5.85%	12.85%	21.80%	11.49%	13.22%	13.78%	-20.79%
CENTEL OF NV	8.98%	1.73%	3.71%	32.71%	1.60%	41.82%	6.48%	26.26%	-11.54%
NEVADA BELL	9.13%	2.47%	12.15%	13.97%	6.54%	-5.26%	6.76%	23.07%	-3.23%
NEW ENGLAND TEL-NH	8.73%	8.03%	9.48%	13.94%	26.68%	16.70%	9.59%	0.96%	13.83%
NEW JERSEY BELL	5.15%	4.43%	6.96%	15.99%	20.11%	5.22%	14.59%	14.24%	6.54%
GTE SOUTHWEST INC-NM	16.05%	4.92%	-5.32%	6.02%	7.95%	-11.37%	17.58%	-0.27%	0.27%
MOUNTAIN BELL-NM	9.20%	7.19%	4.98%	16.17%	18.61%	10.83%	12.90%	2.58%	8.50%
CONTEL OF NY, INC	11.18%	8.06%	9.46%	18.19%	23.77%	14.46%	14.52%	0.77%	13.72%
NEW YORK TEL CO	7.17%	7.93%	8.86%	22.36%	17.36%	10.64%	9.41%	11.20%	7.11%
CAROLINA TEL & TEL	5.31%	6.72%	12.94%	18.35%	22.57%	8.09%	20.57%	18.21%	15.38%
CENTEL OF NC	10.43%	0.79%	13.12%	15.36%	14.23%	14.22%	12.93%	8.70%	8.98%
GTE SOUTH INC - NC	14.64%	9.63%	11.98%	14.46%	17.37%	-2.96%	31.00%	4.17%	0.00%
SOUTHERN BELL-NC	12.06%	5.50%	8.89%	15.02%	14.97%	2.91%	15.81%	18.39%	15.16%
NORTHWESTERN BELL-ND	12.07%	12.75%	-3.30%	14.24%	21.72%	4.30%	8.80%	7.82%	5.35%
CENTEL OF OHIO #	5.26%	5.78%	1.66%	25.40%	27.44%	5.58%	25.93%	8.62%	-13.49%
CINCINNATI BELL-OH	6.67%	14.66%	6.52%	8.50%	40.78%	7.81%	7.67%	1.43%	6.43%
GTE NORTH INC. - OH	7.93%	-2.26%	1.68%	9.34%	12.69%	12.87%	19.35%	13.48%	14.15%
OHIO BELL TEL CO	3.72%	6.41%	5.75%	19.24%	9.21%	20.21%	10.53%	5.84%	7.45%
UTC OF OHIO	7.22%	8.27%	7.67%	10.21%	19.20%	-6.59%	15.62%	7.32%	40.25%
GTE SOUTHWEST INC-OK	16.85%	6.83%	1.36%	7.94%	19.05%	7.95%	31.71%	-7.83%	0.95%
SOUTHWESTERN BELL-OK	9.47%	8.48%	-1.58%	8.63%	12.53%	-4.32%	4.91%	10.25%	11.01%
GTE NORTHWEST INC-OR	9.22%	-1.06%	4.69%	7.07%	6.86%	16.32%	11.02%	27.37%	4.86%
PACIFIC NW BELL-OR	14.58%	0.35%	5.90%	21.91%	8.77%	15.56%	9.32%	9.37%	2.77%
UTC OF THE NW - OR	5.61%	1.45%	8.45%	11.82%	25.07%	-3.04%	3.26%	20.00%	11.94%
BELL OF PENNSYLVANIA	5.73%	5.52%	6.87%	19.55%	19.81%	0.91%	9.77%	12.99%	10.65%
GTE NORTH INC. - PA	2.21%	5.68%	2.30%	6.00%	15.58%	11.39%	21.26%	15.93%	8.94%
UTC OF PENNSYLVANIA	9.01%	1.89%	6.75%	29.49%	9.18%	1.75%	14.25%	23.28%	7.89%
NEW ENGLAND TEL - RI	5.11%	4.86%	6.87%	13.32%	23.39%	12.62%	10.13%	7.72%	11.76%
GTE SOUTH INC. - SC	9.59%	3.75%	12.61%	13.37%	13.60%	10.50%	31.99%	6.65%	0.69%
SOUTHERN BELL-SC	10.14%	5.73%	9.57%	18.55%	7.38%	12.14%	12.71%	22.10%	10.97%
UTC OF THE CAROLINAS	11.44%	7.66%	8.16%	18.04%	8.28%	8.75%	12.05%	15.22%	-6.61%
NORTHWESTERN BELL-SD	8.92%	6.98%	8.68%	25.71%	7.36%	15.77%	4.74%	11.69%	-1.53%
GTE SOUTH INC. - TN	16.67%	8.72%	5.33%	8.15%	20.28%	-1.17%	7.73%	19.73%	2.09%
SO. CENTRAL BELL -TN	7.04%	8.93%	7.50%	21.79%	18.41%	0.84%	4.11%	12.79%	14.23%
UNITED INTER-MT-TN	9.08%	7.84%	5.31%	10.97%	8.92%	16.67%	18.12%	6.12%	-16.72%
CENTEL OF TEXAS	10.69%	3.71%	10.80%	31.78%	12.00%	23.16%	5.25%	11.03%	2.00%
CONTEL OF TEXAS	15.04%	15.26%	0.94%	26.28%	30.27%	-1.81%	21.59%	4.81%	43.30%
GTE SOUTHWEST INC-TX	10.36%	1.29%	3.50%	14.85%	18.90%	13.91%	49.30%	-8.27%	-2.42%
SOUTHWESTERN BELL-TX	12.13%	12.31%	2.85%	16.73%	26.47%	-5.19%	3.57%	12.90%	9.99%
MOUNTAIN BELL-UT	12.86%	7.67%	10.62%	10.09%	25.24%	8.38%	0.57%	14.50%	2.65%
NEW ENGLAND TEL-VT	7.18%	6.70%	9.32%	14.27%	9.82%	9.36%	10.88%	8.97%	-3.69%
CENTEL OF VIRGINIA	7.30%	6.18%	10.92%	8.55%	22.01%	10.94%	14.19%	13.95%	14.63%

TABLE 4.15 B  
 INTERSTATE SUBSCRIBER LINE USAGE MINUTES  
 YEAR OVER YEAR GROWTH  
 BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	5.44%	4.21%	9.65%	20.41%	14.56%	7.42%	21.64%	8.25%	14.25%
GTE SOUTH INC. - VA	6.66%	-1.64%	-5.83%	18.61%	8.46%	3.84%	12.88%	25.06%	0.15%
UNITED INTER-MT-VA	10.52%	4.87%	4.10%	8.94%	8.96%	11.77%	6.57%	18.47%	21.35%
GTE NORTHWEST INC-WA	9.21%	5.02%	8.32%	10.73%	12.25%	7.44%	24.81%	28.48%	10.63%
PACIFIC NW BELL-WA	9.97%	5.80%	5.76%	20.76%	21.42%	7.38%	11.87%	10.29%	1.01%
UTC OF THE NW-WA	6.65%	4.50%	8.53%	10.68%	10.52%	-2.99%	7.28%	-1.95%	13.53%
C & P TEL CO OF WV	6.14%	0.80%	3.68%	13.10%	10.89%	5.65%	9.63%	4.13%	9.99%
GTE SOUTH INC. - WV	6.32%	-1.57%	-0.85%	18.55%	7.82%	10.49%	15.00%	15.44%	-0.43%
GTE NORTH INC. - WI	7.93%	1.91%	6.05%	12.57%	14.66%	2.01%	3.39%	26.20%	12.60%
WISCONSIN BELL	6.06%	6.92%	7.01%	15.97%	14.91%	12.73%	9.97%	13.00%	12.41%
MOUNTAIN BELL-WY	14.49%	4.78%	-2.79%	11.82%	10.27%	1.23%	1.47%	8.68%	3.56%
FULLY REPORTING TIER 1	7.11%	5.34%	6.50%	16.31%	19.06%	6.75%	10.45%	12.16%	8.02%
UTC OF FLORIDA	N/A	12.22%	7.20%	3.53%	24.23%	7.91%	20.13%	12.10%	9.84%
GTE HAWAIIAN TEL. CO	N/A	N/A	6.01%	5.48%	32.08%	24.69%	48.64%	6.29%	-2.75%
UTC OF IOWA *	N/A	10.95%	5.93%	17.08%	28.39%	-4.03%	8.67%	11.91%	20.51%
UTC OF MINNESOTA	N/A	5.10%	8.37%	8.09%	31.71%	5.31%	17.20%	20.62%	27.96%
UTC OF THE WEST-NE	N/A	5.13%	1.17%	0.73%	25.96%	1.71%	6.66%	19.39%	14.03%
UNITED TEL - NJ, INC	N/A	7.19%	11.97%	13.03%	31.78%	7.33%	21.30%	16.67%	0.59%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	16.50%	15.53%	-1.00%	22.42%	10.24%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	23.80%	16.91%	18.77%	36.36%	-4.50%
UTC OF TEXAS INC	N/A	N/A	-6.23%	30.57%	18.17%	3.60%	25.11%	16.63%	38.89%
CONTEL OF VIRGINIA	N/A	9.12%	7.92%	35.17%	24.96%	18.96%	26.45%	15.01%	12.29%
UTC OF THE WEST-WY	N/A	-5.21%	-0.62%	14.58%	22.60%	9.02%	4.18%	13.57%	3.86%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	25.05%	13.92%	23.17%	16.06%	5.85%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	15.36%	9.51%	3.29%	16.18%	13.95%
TOTAL COST CO.	N/A	N/A	N/A	N/A	19.05%	6.98%	10.47%	12.38%	8.17%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	15.26%	15.81%	16.48%	26.60%	15.94%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	19.00%	7.09%	10.55%	12.58%	8.29%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.16 A  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	1,452	1,533	1,649	1,668	1,769	1,788	1,814	1,897	1,931	1,951
SO CENTRAL BELL-AL	24,697	25,329	26,009	27,095	28,041	29,238	30,156	31,029	33,060	33,869
MOUNTAIN BELL - AZ	18,475	19,638	19,882	21,278	22,791	25,499	27,698	29,244	32,431	32,415
GTE SOUTHWEST INC-AR	831	875	885	897	966	991	980	964	985	999
SOUTHWESTERN BELL-AR	10,218	10,231	10,553	11,026	11,806	12,207	12,253	12,407	12,660	13,018
UTC OF ARKANSAS *	172	173	177	176	181	194	188	190	203	236
CONTEL OF CALIFORNIA	2,083	2,191	2,314	2,392	2,520	2,750	2,917	3,085	3,469	3,979
GTC OF CALIFORNIA	37,230	37,963	39,661	41,763	42,510	43,703	45,895	48,934	49,690	49,519
PACIFIC BELL	164,841	170,316	175,637	182,869	187,989	196,346	198,789	205,260	212,349	220,190
WEST COAST TEL OF CA	73	88	88	93	98	97	95	105	115	117
MOUNTAIN BELL-CO	23,272	24,913	26,878	26,848	27,026	28,887	29,614	30,465	33,075	32,817
SOUTHERN NEW ENGLAND	25,358	25,668	26,132	26,717	27,757	29,344	31,846	32,920	33,983	32,645
DIAMOND STATE TEL	4,901	4,984	4,987	5,188	5,516	5,683	6,029	6,586	7,101	7,526
C & P TEL CO OF WASH	13,943	14,246	14,411	14,738	15,619	15,688	15,998	16,569	15,789	16,367
CENTEL OF FLORIDA	2,034	2,244	2,320	2,498	2,757	2,955	3,403	3,695	4,037	4,422
GTE FLORIDA INC.	13,686	15,068	15,843	16,895	18,441	20,243	21,739	23,494	24,242	24,304
SOUTHERN BELL-FL	50,849	52,758	55,553	58,886	62,253	65,524	67,313	70,927	78,844	84,343
GTE SOUTH INC. - GA	2,437	2,458	2,550	2,658	2,724	2,824	3,012	3,098	3,283	3,370
SOUTHERN BELL-GA	41,410	42,489	42,806	45,120	48,796	51,234	52,027	53,873	58,923	62,990
GTE NORTHWEST INC-ID	762	760	759	797	873	923	920	955	1,022	1,024
MOUNTAIN BELL-ID	4,174	4,320	4,423	4,429	4,581	4,760	4,766	4,756	5,095	5,247
PACIFIC NW BELL-ID	352	350	347	366	378	386	378	378	414	429
CENTEL OF ILLINOIS #	2,396	2,451	2,505	2,563	2,665	2,587	2,660	2,745	3,049	3,054
GTE NORTH INC. - IL	6,201	6,941	7,117	7,283	7,698	7,766	7,591	7,594	7,864	7,946
ILLINOIS BELL TEL CO	78,106	79,385	81,365	84,978	89,020	93,313	93,692	93,249	97,140	100,655
GTE NORTH INC. - IN	7,319	7,276	7,418	7,692	8,390	8,388	8,562	9,172	9,279	9,382
INDIANA BELL TEL CO	25,676	25,598	26,504	26,557	27,416	28,192	28,314	28,831	30,350	31,528
UTC OF INDIANA	1,671	1,765	1,856	1,854	1,993	2,016	2,049	2,146	2,265	2,403
GTE NORTH INC. - IA	1,085	1,089	1,160	1,195	1,262	1,234	1,220	1,206	1,281	1,279
NORTHWESTERN BELL-IA	13,121	12,949	13,277	13,479	14,180	14,467	14,741	14,350	15,121	15,198
SOUTHWESTERN BELL-KS	14,468	14,349	14,577	15,063	15,524	16,478	16,474	16,366	17,253	17,827
UTC OF KANSAS	706	710	727	752	746	757	729	747	789	881
CINCINNATI BELL-KY	2,320	2,348	2,412	2,462	2,497	2,642	2,635	2,728	2,864	2,834
GTE SOUTH INC. - KY	3,887	4,427	4,488	4,615	4,883	5,268	5,220	5,381	5,761	5,924
SO CENTRAL BELL-KY	16,359	16,440	16,654	16,799	17,907	18,486	17,756	18,171	19,054	19,293
SO CENTRAL BELL-LA	32,897	35,048	36,773	37,451	38,050	38,370	37,357	36,642	38,284	40,035
NEW ENGLAND TEL-ME	5,602	5,812	6,023	6,254	6,524	6,573	6,868	7,281	7,493	7,715
C & P TEL CO OF MD	40,600	42,520	44,701	46,143	46,743	46,518	48,708	51,025	54,584	58,481
NEW ENGLAND TEL-MA	46,315	47,882	49,450	50,725	53,812	56,478	57,659	60,224	64,576	64,103
GTE NORTH INC. - MI	5,969	5,984	5,994	6,043	6,284	6,516	6,700	6,831	7,223	7,221
MICHIGAN BELL TEL CO	65,396	65,588	65,490	66,965	69,676	71,518	73,776	75,616	81,406	85,572
CENTEL OF MN	725	783	820	884	907	970	1,002	1,070	1,152	1,199
GTE NORTH INC. - MN	32	35	36	37	36	35	34	34	35	35
NORTHWESTERN BELL-MN	24,333	24,288	25,574	26,983	28,357	29,181	30,061	29,721	32,090	31,718
SO CENTRAL BELL-MS	14,753	14,893	15,524	15,907	16,588	18,008	17,973	18,587	19,814	20,440
GTE NORTH INC. - MO	1,066	1,079	1,126	1,164	1,224	1,280	1,322	1,378	1,435	1,437
SOUTHWESTERN BELL-MO	33,235	33,251	34,471	34,150	35,866	37,846	38,435	38,974	40,215	40,238
UTC OF MISSOURI	1,668	1,737	1,847	1,891	1,896	2,013	2,012	2,096	2,230	2,347

TABLE 4.16 A  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE NORTHWEST INC-MT	65	69	67	77	81	83	82	82	79	79
MOUNTAIN BELL-MT	3,662	3,700	3,817	3,911	4,071	4,179	4,304	4,227	4,651	4,884
GTE NORTH INC. - NE	472	445	508	532	548	537	526	531	536	534
LINCOLN TEL & TEL CO	2,418	2,477	2,600	2,722	2,903	2,953	2,988	3,160	3,246	3,296
NORTHWESTERN BELL-NE	6,301	6,770	6,767	7,331	7,349	7,867	7,955	8,053	8,526	7,991
CENTEL OF NV	3,750	3,953	4,018	4,151	4,291	4,660	5,188	5,598	7,103	7,442
NEVADA BELL	2,057	2,169	2,270	2,390	2,553	2,618	2,655	2,844	3,085	3,143
NEW ENGLAND TEL-NH	5,394	5,636	5,878	6,138	6,779	7,262	7,710	8,168	8,791	8,763
NEW JERSEY BELL	62,084	64,319	64,863	66,863	71,166	73,123	74,989	78,623	84,471	87,216
GTE SOUTHWEST INC-NM	520	549	577	568	573	569	555	557	533	537
MOUNTAIN BELL-NM	7,471	7,504	7,670	7,942	8,349	8,849	9,397	9,750	10,370	11,259
CONTEL OF NY, INC	2,004	2,155	2,236	2,335	2,482	2,651	2,802	2,979	2,759	2,946
NEW YORK TEL CO	126,649	132,757	137,671	145,379	157,740	169,333	173,819	178,172	186,379	188,768
CAROLINA TEL & TEL	8,886	9,012	9,412	9,844	10,657	11,267	11,566	12,104	12,708	13,479
CENTEL OF NC	2,275	2,366	2,451	2,573	2,687	2,845	2,972	3,149	3,250	3,337
GTE SOUTH INC - NC	1,674	1,706	1,828	1,937	2,095	2,234	2,157	2,254	2,511	2,592
SOUTHERN BELL-NC	22,250	22,598	22,977	23,650	26,019	27,767	28,945	28,364	30,293	32,858
NORTHWESTERN BELL-ND	3,295	3,409	3,557	3,512	3,773	3,836	3,746	3,696	3,936	3,757
CENTEL OF OHIO #	878	861	831	839	888	859	929	985	1,029	1,175
CINCINNATI BELL-OH	12,302	12,016	12,425	12,671	13,453	13,571	13,678	13,828	14,837	14,891
GTE NORTH INC. - OH	7,770	8,096	8,253	8,356	8,885	9,129	9,625	9,932	10,243	10,530
OHIO BELL TEL CO	56,570	55,963	56,662	58,655	62,402	62,642	60,789	61,979	64,895	65,060
UTC OF OHIO	5,092	5,265	5,379	5,376	5,620	5,900	6,074	6,258	5,879	6,585
GTE SOUTHWEST INC-OK	1,120	1,218	1,303	1,328	1,421	1,508	1,501	1,451	1,444	1,487
SOUTHWESTERN BELL-OK	19,415	19,981	21,261	21,834	21,859	21,981	21,514	21,126	21,548	21,952
GTE NORTHWEST INC-OR	2,899	3,072	3,098	3,235	3,424	3,601	3,712	3,911	4,056	4,029
PACIFIC NW BELL-OR	13,862	13,804	13,524	13,976	14,120	13,931	14,549	14,681	15,949	16,178
UTC OF THE NW - OR	400	417	408	425	444	550	495	530	568	610
BELL OF PENNSYLVANIA	76,709	79,304	81,773	82,446	84,144	83,807	87,317	89,469	93,819	99,502
GTE NORTH INC. - PA	5,710	5,792	5,890	6,075	6,178	6,336	6,629	7,002	7,409	7,512
UTC OF PENNSYLVANIA	2,859	2,990	3,023	3,113	3,436	3,530	3,611	3,708	3,901	3,923
NEW ENGLAND TEL - RI	7,308	7,473	7,638	7,817	8,107	8,329	8,411	8,527	8,737	9,348
GTE SOUTH INC. - SC	1,605	1,634	1,639	1,725	1,889	2,008	2,061	2,178	2,270	2,281
SOUTHERN BELL-SC	16,694	16,771	17,162	17,613	19,067	20,158	20,852	20,642	22,140	23,723
UTC OF THE CAROLINAS	824	860	862	916	933	1,005	1,057	1,114	1,218	1,062
NORTHWESTERN BELL-SD	2,975	2,995	3,115	3,107	3,368	3,508	3,587	3,508	3,718	3,613
GTE SOUTH INC. - TN	696	704	676	672	702	739	767	776	820	822
SO. CENTRAL BELL -TN	33,121	32,792	33,754	34,239	36,197	38,269	39,671	41,025	42,949	42,446
UNITED INTER-MT-TN	2,597	2,678	2,670	2,713	2,729	2,850	3,039	3,238	3,430	3,038
CENTEL OF TEXAS	1,208	1,320	1,437	1,539	1,689	1,831	1,909	1,905	2,213	2,294
CONTEL OF TEXAS	1,226	1,324	1,458	1,514	1,684	1,812	1,878	2,021	1,998	2,130
GTE SOUTHWEST INC-TX	11,862	12,805	13,220	13,727	14,799	15,822	16,225	16,885	16,929	17,291
SOUTHWESTERN BELL-TX	93,475	99,342	108,003	111,303	116,742	125,202	126,286	123,472	127,996	134,458
MOUNTAIN BELL-UT	10,182	10,398	10,914	11,409	12,116	12,357	12,713	12,667	13,722	14,282
NEW ENGLAND TEL-VT	2,647	2,822	2,996	3,161	3,258	3,292	3,375	3,422	3,612	3,943
CENTEL OF VIRGINIA	2,406	2,524	2,697	2,787	2,763	3,029	3,113	3,250	3,462	3,688
C & P TEL CO OF VA	34,260	34,734	35,927	37,762	39,567	41,516	43,287	45,932	48,911	51,563
GTE SOUTH INC. - VA	527	529	536	513	526	533	549	548	577	575



TABLE 4.16 A  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
BY COMPANY (IN MILLIONS)

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
UNITED INTER-MT-VA	1,295	1,309	1,325	1,365	1,243	1,194	1,224	1,254	1,365	1,459
GTE NORTHWEST INC-WA	4,986	4,955	5,109	5,371	5,792	6,220	6,739	7,390	8,370	8,482
PACIFIC NW BELL-WA	22,409	23,188	23,391	24,633	25,179	25,822	27,266	28,301	30,162	31,037
UTC OF THE NW-WA	459	483	504	521	519	556	543	561	551	592
C & P TEL CO OF WV	11,657	11,895	11,841	11,909	12,176	12,450	12,438	12,858	12,966	13,170
GTE SOUTH INC. - WV	934	940	974	961	998	994	1,026	1,036	1,086	1,084
GTE NORTH INC. - WI	3,470	3,569	3,650	3,691	3,811	3,982	4,076	4,123	4,383	4,490
WISCONSIN BELL	24,588	23,891	24,518	24,425	24,987	25,977	26,573	26,444	28,931	29,761
MOUNTAIN BELL-WY	2,773	2,905	3,017	2,911	2,953	3,087	3,029	2,859	3,099	3,057
<b>FULLY REPORTING TIER 1</b>	<b>1,652,153</b>	<b>1,698,434</b>	<b>1,753,776</b>	<b>1,812,773</b>	<b>1,899,720</b>	<b>1,980,689</b>	<b>2,025,856</b>	<b>2,076,103</b>	<b>2,189,728</b>	<b>2,256,525</b>
UTC OF FLORIDA	N/A	6,987	7,638	8,032	8,747	9,615	10,337	11,283	11,746	12,718
GTE HAWAIIAN TEL. CO	N/A	N/A	7,461	7,395	7,760	8,301	8,996	9,467	9,995	9,948
UTC OF IOWA *	N/A	637	669	681	688	732	718	733	758	804
UTC OF MINNESOTA	N/A	953	1,002	1,058	1,085	1,215	1,250	1,294	1,409	1,497
UTC OF THE WEST-NE	N/A	280	282	291	271	284	301	310	328	343
UNITED TEL - NJ, INC	N/A	1,067	1,114	1,184	1,316	1,565	1,610	1,794	1,973	1,884
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	6,712	7,043	7,216	7,398	7,970	8,529
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	7,788	7,955	8,892	9,692	11,363	11,758
UTC OF TEXAS INC	N/A	N/A	1,029	1,053	1,109	1,154	1,218	1,263	1,340	1,429
CONTEL OF VIRGINIA	N/A	2,982	3,172	3,313	3,897	4,433	4,759	5,363	5,649	6,093
UTC OF THE WEST-WY	N/A	61	60	61	63	66	66	67	73	75
<b>NON-FULLY REPORTING TIER 1</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>39,436</b>	<b>42,363</b>	<b>45,362</b>	<b>48,664</b>	<b>52,604</b>	<b>55,078</b>
<b>ALL OTHER COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>56,319</b>	<b>62,969</b>	<b>65,477</b>	<b>69,040</b>	<b>74,223</b>	<b>78,126</b>
<b>TOTAL COST CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>1,995,475</b>	<b>2,086,020</b>	<b>2,136,695</b>	<b>2,193,807</b>	<b>2,316,555</b>	<b>2,389,729</b>
<b>AVERAGE SCHEDULE CO.</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>20,296</b>	<b>22,672</b>	<b>25,274</b>	<b>28,622</b>	<b>36,767</b>	<b>39,224</b>
<b>TOTAL INDUSTRY</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>2,015,771</b>	<b>2,108,692</b>	<b>2,161,969</b>	<b>2,222,429</b>	<b>2,353,322</b>	<b>2,428,953</b>

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.16 B  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	5.57%	7.55%	1.16%	6.05%	1.10%	1.48%	4.55%	1.80%	1.02%
SO CENTRAL BELL-AL	2.56%	2.68%	4.18%	3.49%	4.27%	3.14%	2.90%	6.55%	2.45%
MOUNTAIN BELL - AZ	6.30%	1.24%	7.02%	7.11%	11.88%	8.63%	5.58%	10.90%	-0.05%
GTE SOUTHWEST INC-AR	5.28%	1.17%	1.31%	7.71%	2.59%	-1.14%	-1.56%	2.18%	1.39%
SOUTHWESTERN BELL-AR	0.12%	3.15%	4.48%	7.08%	3.40%	0.38%	1.26%	2.04%	2.83%
UTC OF ARKANSAS *	0.76%	2.44%	-0.74%	3.14%	6.93%	-3.18%	1.23%	7.03%	15.89%
CONTEL OF CALIFORNIA	5.20%	5.59%	3.38%	5.35%	9.14%	6.06%	5.76%	12.46%	14.71%
GTC OF CALIFORNIA	1.97%	4.47%	5.30%	1.79%	2.81%	5.01%	6.62%	1.54%	-0.34%
PACIFIC BELL	3.32%	3.12%	4.12%	2.80%	4.45%	1.24%	3.26%	3.45%	3.69%
WEST COAST TEL OF CA	19.61%	0.43%	5.48%	5.47%	-1.06%	-1.45%	9.93%	9.93%	1.53%
MOUNTAIN BELL-CO	7.05%	7.89%	-0.11%	0.66%	6.89%	2.52%	2.87%	8.57%	-0.78%
SOUTHERN NEW ENGLAND	1.22%	1.81%	2.24%	3.89%	5.72%	8.53%	3.38%	3.23%	-3.94%
DIAMOND STATE TEL	1.69%	0.05%	4.04%	6.33%	3.02%	6.09%	9.24%	7.82%	5.99%
C & P TEL CO OF WASH	2.17%	1.16%	2.27%	5.98%	0.45%	1.97%	3.57%	-4.71%	3.66%
CENTEL OF FLORIDA	10.33%	3.38%	7.68%	10.36%	7.21%	15.15%	8.59%	9.26%	9.52%
GTE FLORIDA INC.	10.10%	5.15%	6.64%	9.15%	9.77%	7.39%	8.07%	3.18%	0.26%
SOUTHERN BELL-FL	3.75%	5.30%	6.00%	5.72%	5.25%	2.73%	5.37%	11.16%	6.98%
GTE SOUTH INC. - GA	0.86%	3.76%	4.23%	2.48%	3.67%	6.66%	2.87%	5.96%	2.66%
SOUTHERN BELL-GA	2.60%	0.75%	5.41%	8.15%	4.99%	1.55%	3.55%	9.37%	6.90%
GTE NORTHWEST INC-ID	-0.22%	-0.16%	5.00%	9.59%	5.68%	-0.32%	3.78%	7.02%	0.20%
MOUNTAIN BELL-ID	3.50%	2.38%	0.14%	3.43%	3.92%	0.12%	-0.21%	7.12%	2.99%
PACIFIC NW BELL-ID	-0.56%	-0.76%	5.51%	3.31%	2.17%	-2.22%	-0.02%	9.64%	3.60%
CENTEL OF ILLINOIS #	2.30%	2.20%	2.32%	3.97%	-2.90%	2.81%	3.20%	11.07%	0.17%
GTE NORTH INC. - IL	11.93%	2.54%	2.33%	5.70%	0.88%	-2.25%	0.04%	3.55%	1.04%
ILLINOIS BELL TEL CO	1.64%	2.49%	4.44%	4.76%	4.82%	0.41%	-0.47%	4.17%	3.62%
GTE NORTH INC. - IN	-0.59%	1.95%	3.70%	9.06%	-0.02%	2.07%	7.12%	1.18%	1.10%
INDIANA BELL TEL CO	-0.30%	3.54%	0.20%	3.23%	2.83%	0.44%	1.82%	5.27%	3.88%
UTC OF INDIANA	5.65%	5.12%	-0.08%	7.47%	1.15%	1.68%	4.72%	5.55%	6.09%
GTE NORTH INC. - IA	0.39%	6.50%	3.06%	5.59%	-2.24%	-1.12%	-1.18%	6.20%	-0.12%
NORTHWESTERN BELL-IA	-1.31%	2.53%	1.52%	5.20%	2.02%	1.89%	-2.65%	5.37%	0.51%
SOUTHWESTERN BELL-KS	-0.82%	1.58%	3.34%	3.06%	6.15%	-0.03%	-0.66%	5.42%	3.33%
UTC OF KANSAS	0.54%	2.42%	3.45%	-0.89%	1.55%	-3.77%	2.50%	5.69%	11.57%
CINCINNATI BELL-KY	1.20%	2.75%	2.04%	1.43%	5.82%	-0.26%	3.51%	4.99%	-1.05%
GTE SOUTH INC. - KY	13.90%	1.38%	2.82%	5.81%	7.89%	-0.91%	3.09%	7.07%	2.82%
SO CENTRAL BELL-KY	0.50%	1.30%	0.87%	6.59%	3.23%	-3.95%	2.34%	4.86%	1.25%
SO CENTRAL BELL-LA	6.54%	4.92%	1.84%	1.60%	0.84%	-2.64%	-1.92%	4.48%	4.57%
NEW ENGLAND TEL-ME	3.75%	3.62%	3.84%	4.32%	0.75%	4.48%	6.02%	2.91%	2.97%
C & P TEL CO OF MD	4.73%	5.13%	3.23%	1.30%	-0.48%	4.71%	4.76%	6.98%	7.14%
NEW ENGLAND TEL-MA	3.38%	3.27%	2.58%	6.08%	4.96%	2.09%	4.45%	7.23%	-0.73%
GTE NORTH INC. - MI	0.25%	0.17%	0.81%	4.00%	3.69%	2.83%	1.95%	5.73%	-0.02%
MICHIGAN BELL TEL CO	0.29%	-0.15%	2.25%	4.05%	2.64%	3.16%	2.49%	7.66%	5.12%
CENTEL OF MN	8.00%	4.73%	7.90%	2.55%	6.93%	3.31%	6.81%	7.62%	4.13%
GTE NORTH INC. - MN	9.35%	5.07%	1.86%	-2.74%	-3.01%	-2.10%	-1.77%	3.16%	0.79%
NORTHWESTERN BELL-MN	-0.18%	5.29%	5.51%	5.09%	2.90%	3.02%	-1.13%	7.97%	-1.16%
SO CENTRAL BELL-MS	0.95%	4.24%	2.47%	4.28%	8.56%	-0.20%	3.42%	6.60%	3.16%
GTE NORTH INC. - MO	1.20%	4.34%	3.40%	5.14%	4.60%	3.30%	4.25%	4.08%	0.16%
SOUTHWESTERN BELL-MO	0.05%	3.67%	-0.93%	5.02%	5.52%	1.56%	1.40%	3.18%	0.06%

TABLE 4.16 B  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
UTC OF MISSOURI	4.14%	6.34%	2.35%	0.28%	6.20%	-0.05%	4.13%	6.42%	5.26%
GTE NORTHWEST INC-MT	6.75%	-3.10%	15.63%	5.06%	2.74%	-1.29%	-0.27%	-4.08%	0.21%
MOUNTAIN BELL-MT	1.02%	3.17%	2.46%	4.11%	2.66%	2.99%	-1.80%	10.03%	5.01%
GTE NORTH INC. - NE	-5.73%	14.25%	4.67%	2.94%	-1.97%	-2.05%	0.95%	0.88%	-0.32%
LINCOLN TEL & TEL CO	2.43%	4.98%	4.69%	6.64%	1.75%	1.18%	5.73%	2.73%	1.54%
NORTHWESTERN BELL-NE	7.45%	-0.04%	8.33%	0.24%	7.05%	1.12%	1.23%	5.87%	-6.27%
CENDEL OF NV	5.40%	1.65%	3.30%	3.40%	8.59%	11.34%	7.90%	26.89%	4.77%
NEVADA BELL	5.47%	4.63%	5.30%	6.83%	2.56%	1.39%	7.11%	8.49%	1.87%
NEW ENGLAND TEL-NH	4.49%	4.29%	4.43%	10.45%	7.12%	6.17%	5.94%	7.63%	-0.32%
NEW JERSEY BELL	3.60%	0.85%	3.08%	6.44%	2.75%	2.55%	4.85%	7.44%	3.25%
GTE SOUTHWEST INC-NM	5.59%	5.15%	-1.62%	0.88%	-0.70%	-2.45%	0.35%	-4.39%	0.84%
MOUNTAIN BELL-NM	0.44%	2.22%	3.54%	5.13%	5.99%	6.20%	3.75%	6.35%	8.58%
CONTEL OF NY, INC	7.52%	3.76%	4.44%	6.32%	6.78%	5.71%	6.31%	-7.40%	6.80%
NEW YORK TEL CO	4.82%	3.70%	5.60%	8.50%	7.35%	2.65%	2.50%	4.61%	1.28%
CAROLINA TEL & TEL	1.42%	4.44%	4.59%	8.26%	5.73%	2.66%	4.65%	4.99%	6.06%
CENDEL OF NC	3.99%	3.60%	4.99%	4.44%	5.88%	4.47%	5.94%	3.22%	2.66%
GTE SOUTH INC - NC	1.92%	7.14%	5.95%	8.18%	6.62%	-3.44%	4.48%	11.40%	3.24%
SOUTHERN BELL-NC	1.56%	1.68%	2.93%	10.02%	6.72%	4.24%	-2.01%	6.80%	8.46%
NORTHWESTERN BELL-ND	3.48%	4.33%	-1.26%	7.43%	1.67%	-2.34%	-1.33%	6.48%	-4.55%
CENDEL OF OHIO #	-1.96%	-3.49%	1.01%	5.76%	-3.21%	8.18%	5.97%	4.52%	14.12%
CINCINNATI BELL-OH	-2.33%	3.41%	1.98%	6.17%	0.88%	0.79%	1.10%	7.30%	0.37%
GTE NORTH INC. - OH	4.20%	1.95%	1.25%	6.33%	2.74%	5.43%	3.19%	3.13%	2.80%
OHIO BELL TEL CO	-1.07%	1.25%	3.52%	6.39%	0.38%	-2.96%	1.96%	4.70%	0.25%
UTC OF OHIO	3.41%	2.17%	-0.07%	4.55%	4.98%	2.94%	3.03%	-6.06%	12.01%
GTE SOUTHWEST INC-OK	8.68%	7.01%	1.91%	7.03%	6.11%	-0.46%	-3.34%	-0.49%	2.98%
SOUTHWESTERN BELL-OK	2.91%	6.41%	2.69%	0.11%	0.56%	-2.13%	-1.80%	2.00%	1.88%
GTE NORTHWEST INC-OR	5.96%	0.85%	4.44%	5.84%	5.17%	3.07%	5.37%	3.71%	-0.68%
PACIFIC NW BELL-OR	-0.42%	-2.03%	3.35%	1.03%	-1.34%	4.44%	0.91%	8.64%	1.43%
UTC OF THE NW - OR	4.17%	-2.28%	4.30%	4.31%	23.98%	-9.99%	7.13%	7.18%	7.30%
BELL OF PENNSYLVANIA	3.38%	3.11%	0.82%	2.06%	-0.40%	4.19%	2.46%	4.86%	6.06%
GTE NORTH INC. - PA	1.44%	1.69%	3.14%	1.70%	2.56%	4.63%	5.63%	5.81%	1.39%
UTC OF PENNSYLVANIA	4.57%	1.11%	2.98%	10.35%	2.76%	2.29%	2.69%	5.20%	0.56%
NEW ENGLAND TEL - RI	2.26%	2.21%	2.35%	3.70%	2.75%	0.98%	1.38%	2.47%	7.00%
GTE SOUTH INC. - SC	1.82%	0.29%	5.27%	9.50%	6.30%	2.63%	5.69%	4.24%	0.47%
SOUTHERN BELL-SC	0.46%	2.33%	2.63%	8.26%	5.73%	3.44%	-1.00%	7.26%	7.15%
UTC OF THE CAROLINAS	4.45%	0.18%	6.24%	1.91%	7.69%	5.16%	5.38%	9.38%	-12.80%
NORTHWESTERN BELL-SD	0.66%	4.00%	-0.23%	8.38%	4.17%	2.23%	-2.20%	5.99%	-2.81%
GTE SOUTH INC. - TN	1.15%	-4.00%	-0.63%	4.54%	5.26%	3.73%	1.22%	5.71%	0.22%
SO. CENTRAL BELL -TN	-0.99%	2.93%	1.44%	5.72%	5.73%	3.66%	3.41%	4.69%	-1.17%
UNITED INTER-MT-TN	3.10%	-0.28%	1.60%	0.59%	4.45%	6.62%	6.55%	5.94%	-11.43%
CENDEL OF TEXAS	9.24%	8.89%	7.09%	9.74%	8.39%	4.24%	-0.18%	16.14%	3.66%
CONTEL OF TEXAS	8.00%	10.11%	3.86%	11.24%	7.58%	3.67%	7.62%	-1.15%	6.61%
GTE SOUTHWEST INC-TX	7.95%	3.23%	3.84%	7.81%	6.91%	2.55%	4.07%	0.26%	2.14%
SOUTHWESTERN BELL-TX	6.28%	8.72%	3.06%	4.89%	7.25%	0.87%	-2.23%	3.66%	5.05%
MOUNTAIN BELL-UT	2.12%	4.96%	4.54%	6.20%	1.98%	2.88%	-0.36%	8.32%	4.09%
NEW ENGLAND TEL-VT	6.59%	6.19%	5.49%	3.07%	1.05%	2.53%	1.38%	5.55%	9.18%
CENDEL OF VIRGINIA	4.90%	6.86%	3.34%	-0.85%	9.61%	2.77%	4.41%	6.51%	6.52%

TABLE 4.16 B  
TOTAL SUBSCRIBER LINE USAGE MINUTES  
YEAR OVER YEAR GROWTH  
BY COMPANY

CARRIER	1981	1982	1983	1984	1985	1986	1987	1988	1989
C & P TEL CO OF VA	1.38%	3.43%	5.11%	4.78%	4.92%	4.27%	6.11%	6.49%	5.42%
GTE SOUTH INC. - VA	0.40%	1.32%	-4.44%	2.72%	1.24%	3.02%	-0.23%	5.38%	-0.41%
UNITED INTER-MT-VA	1.10%	1.18%	3.09%	-8.95%	-3.97%	2.51%	2.46%	8.83%	6.93%
GTE NORTHWEST INC-WA	-0.62%	3.10%	5.13%	7.85%	7.39%	8.33%	9.66%	13.27%	1.33%
PACIFIC NW BELL-WA	3.47%	0.88%	5.31%	2.22%	2.55%	5.59%	3.80%	6.58%	2.90%
UTC OF THE NW-WA	5.26%	4.15%	3.40%	-0.40%	7.25%	-2.34%	3.32%	-1.78%	7.49%
C & P TEL CO OF WV	2.04%	-0.46%	0.58%	2.24%	2.25%	-0.09%	3.37%	0.84%	1.57%
GTE SOUTH INC. - WV	0.64%	3.64%	-1.37%	3.83%	-0.37%	3.25%	0.90%	4.89%	-0.20%
GTE NORTH INC. - WI	2.87%	2.25%	1.13%	3.25%	4.49%	2.37%	1.14%	6.31%	2.45%
WISCONSIN BELL	-2.84%	2.62%	-0.38%	2.30%	3.96%	2.29%	-0.49%	9.41%	2.87%
MOUNTAIN BELL-WY	4.78%	3.85%	-3.50%	1.43%	4.55%	-1.87%	-5.63%	8.41%	-1.36%
FULLY REPORTING TIER 1	2.80%	3.26%	3.36%	4.80%	4.26%	2.28%	2.48%	5.47%	3.05%
UTC OF FLORIDA	N/A	9.32%	5.15%	8.91%	9.92%	7.50%	9.15%	4.11%	8.28%
GTE HAWAIIAN TEL. CO	N/A	N/A	-0.89%	4.94%	6.97%	8.37%	5.23%	5.58%	-0.47%
UTC OF IOWA *	N/A	5.17%	1.66%	1.11%	6.39%	-1.92%	2.04%	3.52%	5.96%
UTC OF MINNESOTA	N/A	5.12%	5.58%	2.55%	11.96%	2.90%	3.48%	8.88%	6.30%
UTC OF THE WEST-NE	N/A	0.61%	3.20%	-6.66%	4.84%	5.73%	3.14%	5.74%	4.48%
UNITED TEL - NJ, INC	N/A	4.43%	6.20%	11.15%	18.93%	2.91%	11.40%	9.99%	-4.50%
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	4.94%	2.45%	2.53%	7.72%	7.01%
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	2.13%	11.79%	9.00%	17.24%	3.48%
UTC OF TEXAS INC	N/A	N/A	2.31%	5.25%	4.08%	5.61%	3.68%	6.11%	6.61%
CONTEL OF VIRGINIA	N/A	6.36%	4.43%	17.64%	13.75%	7.36%	12.69%	5.33%	7.86%
UTC OF THE WEST-WY	N/A	-2.12%	2.39%	3.02%	4.62%	-0.87%	2.07%	9.07%	2.26%
NON-FULLY REPORTING TIER 1	N/A	N/A	N/A	N/A	7.42%	7.08%	7.28%	8.10%	4.70%
ALL OTHER COST CO.	N/A	N/A	N/A	N/A	11.81%	3.98%	5.44%	7.50%	5.26%
TOTAL COST CO.	N/A	N/A	N/A	N/A	4.54%	2.43%	2.67%	5.60%	3.16%
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	11.71%	11.48%	13.25%	28.46%	6.68%
TOTAL INDUSTRY	N/A	N/A	N/A	N/A	4.61%	2.53%	2.80%	5.89%	3.21%

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

# 1980 DATA ESTIMATED

TABLE 4.17  
 INTERSTATE SUBSCRIBER PLANT FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.2907	0.3172	0.3123	0.3123	0.3123	0.3123	0.3045	0.2967	0.2889	0.2811
SO CENTRAL BELL-AL	0.2002	0.2077	0.2078	0.2078	0.2078	0.2078	0.2131	0.2184	0.2236	0.2289
MOUNTAIN BELL - AZ	0.4279	0.4242	0.4423	0.4120	0.4364	0.4364	0.4131	0.3898	0.3665	0.3432
GTE SOUTHWEST INC-AR	0.2729	0.2896	0.2896	0.2896	0.2896	0.2896	0.2847	0.2797	0.2748	0.2698
SOUTHWESTERN BELL-AR	0.2597	0.2855	0.2855	0.2855	0.2855	0.2855	0.2811	0.2766	0.2722	0.2678
UTC OF ARKANSAS *	0.3457	0.3457	0.3457	0.3457	0.3457	0.3457	0.3337	0.3218	0.3098	0.2978
CONTEL OF CALIFORNIA	0.2500	0.2536	0.2537	0.2537	0.2537	0.2537	0.2532	0.2528	0.2523	0.2519
GTC OF CALIFORNIA	0.2355	0.2413	0.2489	0.2489	0.2489	0.2491	0.2489	0.2492	0.2493	0.2495
PACIFIC BELL	0.2438	0.2472	0.2495	0.2496	0.2496	0.2496	0.2496	0.2497	0.2497	0.2498
WEST COAST TEL OF CA	0.4259	0.4086	0.3980	0.3980	0.3980	0.3980	0.3795	0.3610	0.3425	0.3240
MOUNTAIN BELL-CO	0.3925	0.4294	0.4308	0.4477	0.4298	0.4298	0.4073	0.3849	0.3624	0.3399
SOUTHERN NEW ENGLAND	0.3388	0.3388	0.3388	0.3388	0.3388	0.3388	0.3277	0.3166	0.3055	0.2944
DIAMOND STATE TEL	0.3375	0.3428	0.3436	0.3452	0.3452	0.3452	0.3333	0.3214	0.3095	0.2976
C & P TEL CO OF WASH	0.4298	0.4360	0.4358	0.4376	0.4376	0.4376	0.4142	0.3907	0.3673	0.3438
CENTEL OF FLORIDA	0.3398	0.3593	0.3593	0.3593	0.3593	0.3593	0.3405	0.3276	0.3146	0.3017
GTE FLORIDA INC.	0.3634	0.4053	0.4354	0.4354	0.4354	0.4354	0.4122	0.3891	0.3659	0.3427
SOUTHERN BELL-FL	0.3492	0.3646	0.3643	0.3643	0.3643	0.3643	0.3500	0.3357	0.3214	0.3071
UTC OF FLORIDA	N/A	0.5015	0.5015	0.5015	0.5015	0.5015	0.4700	0.4386	0.4072	0.3757
GTE SOUTH INC. - GA	0.2060	0.2148	0.2170	0.2170	0.2170	0.2170	0.2211	0.2253	0.2294	0.2335
SOUTHERN BELL-GA	0.2741	0.2892	0.2891	0.2891	0.2891	0.2891	0.2842	0.2793	0.2744	0.2695
GTE HAWAIIAN TEL. CO	N/A	N/A	0.3061	0.3061	0.3061	0.3061	0.2990	0.2920	0.2850	0.2780
GTE NORTHWEST INC-ID	0.5299	0.5863	0.5731	0.5731	0.5731	0.5731	0.5327	0.4924	0.4520	0.4116
MOUNTAIN BELL-ID	0.3409	0.3534	0.3589	0.3867	0.3535	0.3535	0.3406	0.3276	0.3147	0.3017
PACIFIC NW BELL-ID	0.3705	0.3778	0.4055	0.3931	0.3787	0.3787	0.3626	0.3465	0.3304	0.3143
CENTEL OF ILLINOIS	0.3181	0.3181	0.3168	0.3181	0.3181	0.3181	0.3096	0.3010	0.2925	0.2840
GTE NORTH INC. - IL	0.2301	0.2561	0.2570	0.2570	0.2570	0.2570	0.2562	0.2553	0.2544	0.2535
ILLINOIS BELL TEL CO	0.2609	0.2639	0.2701	0.2701	0.2701	0.2701	0.2676	0.2651	0.2626	0.2601
GTE NORTH INC. - IN	0.2869	0.3106	0.3182	0.3182	0.3182	0.3182	0.3097	0.3012	0.2926	0.2841
INDIANA BELL TEL CO	0.2166	0.2355	0.2355	0.2355	0.2355	0.2355	0.2373	0.2391	0.2409	0.2427
UTC OF INDIANA	0.2880	0.3059	0.3067	0.3067	0.3067	0.3067	0.3020	0.2946	0.2872	0.2797
GTE NORTH INC. - IA	0.2502	0.2864	0.2856	0.2856	0.2856	0.2856	0.2812	0.2767	0.2723	0.2678
NORTHWESTERN BELL-IA	0.2677	0.3069	0.2894	0.3152	0.2849	0.2849	0.2805	0.2762	0.2718	0.2674
UTC OF IOWA *	N/A	0.2574	0.2574	0.2574	0.2574	0.2574	0.2565	0.2556	0.2546	0.2537
SOUTHWESTERN BELL-KS	0.2758	0.2997	0.3001	0.3001	0.3001	0.3001	0.2938	0.2875	0.2813	0.2750
UTC OF KANSAS	0.4663	0.4663	0.4663	0.4663	0.4663	0.4663	0.4392	0.4122	0.3852	0.3582
CINCINNATI BELL-KY	0.1205	0.1304	0.1304	0.1304	0.1304	0.1304	0.1454	0.1603	0.1753	0.1902
GTE SOUTH INC. - KY	0.2553	0.2503	0.2537	0.2537	0.2537	0.2537	0.2532	0.2527	0.2523	0.2518
SO CENTRAL BELL-KY	0.1962	0.2030	0.2047	0.2047	0.2047	0.2047	0.2103	0.2160	0.2217	0.2273
SO CENTRAL BELL-LA	0.1934	0.1985	0.2023	0.2023	0.2023	0.2023	0.2082	0.2142	0.2202	0.2261
NEW ENGLAND TEL-ME	0.2725	0.2987	0.2924	0.2987	0.2987	0.2987	0.2926	0.2865	0.2804	0.2743
C & P TEL CO OF MD	0.2112	0.2121	0.2117	0.2142	0.2142	0.2142	0.2186	0.2231	0.2276	0.2321
NEW ENGLAND TEL-MA	0.2581	0.2794	0.2786	0.2794	0.2794	0.2794	0.2757	0.2721	0.2684	0.2647
GTE NORTH INC. - MI	0.1808	0.1845	0.1920	0.1920	0.1920	0.1920	0.1993	0.2065	0.2138	0.2210
MICHIGAN BELL TEL CO	0.1653	0.1707	0.1723	0.1725	0.1725	0.1725	0.1822	0.1919	0.2015	0.2112
CENTEL OF MN	0.2269	0.2344	0.2299	0.2344	0.2344	0.2344	0.2364	0.2383	0.2403	0.2422
GTE NORTH INC. - MN	0.2421	0.2473	0.2604	0.2604	0.2604	0.2604	0.2591	0.2578	0.2565	0.2552
NORTHWESTERN BELL-MN	0.2555	0.2718	0.2665	0.2750	0.2707	0.2707	0.2681	0.2655	0.2630	0.2604
UTC OF MINNESOTA	N/A	0.1913	0.1913	0.1913	0.1913	0.1913	0.1986	0.2060	0.2133	0.2207

TABLE 4.17  
INTERSTATE SUBSCRIBER PLANT FACTOR  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SO CENTRAL BELL-MS	0.2338	0.2493	0.2492	0.2492	0.2492	0.2492	0.2493	0.2494	0.2495	0.2496
GTE NORTH INC. - MO	0.3038	0.3017	0.3115	0.3115	0.3115	0.3115	0.3038	0.2962	0.2885	0.2808
SOUTHWESTERN BELL-MO	0.2691	0.2711	0.2709	0.2709	0.2709	0.2709	0.2683	0.2657	0.2631	0.2605
UTC OF MISSOURI	0.3503	0.3503	0.3503	0.3503	0.3503	0.3503	0.3378	0.3252	0.3127	0.3001
GTE NORTHWEST INC-MT	0.4597	0.4591	0.4648	0.4648	0.4648	0.4648	0.4380	0.4111	0.3843	0.3574
MOUNTAIN BELL-MT	0.3998	0.4454	0.4469	0.4372	0.4450	0.4450	0.4207	0.3963	0.3719	0.3475
GTE NORTH INC. - NE	0.2506	0.2759	0.2715	0.2715	0.2715	0.2715	0.2688	0.2661	0.2635	0.2608
LINCOLN TEL & TEL CO	0.3055	0.3167	0.3167	0.3167	0.3167	0.3167	0.3083	0.3000	0.2917	0.2833
NORTHWESTERN BELL-NE	0.3469	0.3858	0.3876	0.3787	0.3784	0.3784	0.3623	0.3463	0.3302	0.3142
UTC OF THE WEST-NE	N/A	0.3783	0.3783	0.3783	0.3783	0.3783	0.3623	0.3462	0.3302	0.3142
CENTEL OF NV	0.5723	0.5886	0.5886	0.5886	0.5886	0.5886	0.5463	0.5040	0.4616	0.4193
NEVADA BELL	0.5993	0.6201	0.6073	0.6264	0.6264	0.6264	0.5793	0.5323	0.4852	0.4382
NEW ENGLAND TEL-NH	0.4274	0.4299	0.4243	0.4299	0.4299	0.4299	0.4074	0.3849	0.3625	0.3400
NEW JERSEY BELL	0.3108	0.3154	0.3188	0.3186	0.3186	0.3186	0.3100	0.3014	0.2929	0.2843
UNITED TEL - NJ, INC	N/A	0.4156	0.4156	0.4156	0.4156	0.4156	0.3949	0.3742	0.3535	0.3328
GTE SOUTHWEST INC-NM	0.4203	0.4300	0.4853	0.4853	0.4853	0.4853	0.4559	0.4265	0.3971	0.3677
MOUNTAIN BELL-NM	0.3457	0.3607	0.3782	0.3835	0.3577	0.3577	0.3442	0.3308	0.3173	0.3038
CONTEL OF NY, INC	0.2208	0.2286	0.2379	0.2286	0.2286	0.2286	0.2313	0.2297	0.2366	0.2365
NEW YORK TEL CO	0.2710	0.2761	0.2731	0.2647	0.2823	0.2823	0.2783	0.2742	0.2702	0.2662
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	0.2184	0.2217	0.2252	0.2288	0.2323	0.2359
CAROLINA TEL & TEL	0.2340	0.2444	0.2444	0.2444	0.2444	0.2444	0.2451	0.2458	0.2465	0.2472
CENTEL OF NC	0.1892	0.2009	0.2009	0.2009	0.2009	0.2009	0.2070	0.2132	0.2193	0.2255
GTE SOUTH INC - NC	0.2632	0.2992	0.3102	0.3102	0.3102	0.3102	0.3027	0.2952	0.2876	0.2801
SOUTHERN BELL-NC	0.2213	0.2442	0.2441	0.2441	0.2441	0.2441	0.2448	0.2456	0.2463	0.2471
NORTHWESTERN BELL-ND	0.2993	0.3241	0.3503	0.3430	0.3241	0.3241	0.3149	0.3056	0.2963	0.2871
CENTEL OF OHIO	0.1784	0.1784	0.1837	0.1784	0.1784	0.1784	0.1874	0.1963	0.2053	0.2142
CINCINNATI BELL-OH	0.1904	0.1973	0.1973	0.1973	0.1973	0.1973	0.2039	0.2105	0.2170	0.2236
GTE NORTH INC. - OH	0.2128	0.2218	0.2258	0.2258	0.2258	0.2258	0.2288	0.2318	0.2348	0.2379
OHIO BELL TEL CO	0.1870	0.1961	0.1972	0.1972	0.1972	0.1972	0.2038	0.2104	0.2170	0.2236
UTC OF OHIO	0.2091	0.2168	0.2168	0.2168	0.2168	0.2168	0.2209	0.2251	0.2292	0.2334
GTE SOUTHWEST INC-OK	0.3167	0.3208	0.3302	0.3302	0.3302	0.3302	0.3202	0.3102	0.3002	0.2901
SOUTHWESTERN BELL-OK	0.3031	0.3222	0.3223	0.3223	0.3223	0.3223	0.3132	0.3042	0.2952	0.2861
GTE NORTHWEST INC-OR	0.3737	0.3903	0.3917	0.3917	0.3917	0.3917	0.3740	0.3562	0.3385	0.3208
PACIFIC NW BELL-OR	0.2852	0.3281	0.3361	0.3443	0.3276	0.3276	0.3179	0.3082	0.2985	0.2888
UTC OF THE NW - OR	0.4129	0.4209	0.4148	0.4209	0.4209	0.4209	0.3996	0.3782	0.3568	0.3355
BELL OF PENNSYLVANIA	0.2090	0.2138	0.2154	0.2152	0.2152	0.2152	0.2195	0.2239	0.2282	0.2326
GTE NORTH INC. - PA	0.1813	0.1797	0.2215	0.2215	0.2215	0.2215	0.2250	0.2286	0.2322	0.2357
UTC OF PENNSYLVANIA	0.2108	0.2197	0.2197	0.2197	0.2197	0.2197	0.2235	0.2273	0.2311	0.2349
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	0.2569	0.2569	0.2560	0.2552	0.2543	0.2534
NEW ENGLAND TEL - RI	0.2673	0.2868	0.2847	0.2868	0.2868	0.2868	0.2822	0.2776	0.2730	0.2684
GTE SOUTH INC. - SC	0.3590	0.3705	0.3291	0.3291	0.3291	0.3291	0.3192	0.3093	0.2994	0.2896
SOUTHERN BELL-SC	0.2013	0.2207	0.2207	0.2207	0.2207	0.2207	0.2244	0.2280	0.2317	0.2354
UTC OF THE CAROLINAS	0.2733	0.2916	0.2916	0.2916	0.2916	0.2916	0.2864	0.2812	0.2760	0.2708
NORTHWESTERN BELL-SD	0.3301	0.3571	0.3674	0.4002	0.3620	0.3620	0.3480	0.3340	0.3200	0.3060
GTE SOUTH INC. - TN	0.2054	0.2275	0.2335	0.2335	0.2335	0.2335	0.2356	0.2376	0.2397	0.2417
SO. CENTRAL BELL -TN	0.2065	0.2220	0.2236	0.2236	0.2236	0.2236	0.2269	0.2302	0.2335	0.2368
UNITED INTER-MT-TN	0.2088	0.2192	0.2192	0.2192	0.2192	0.2192	0.2231	0.2269	0.2308	0.2346
CENTEL OF TEXAS	0.4094	0.4130	0.3973	0.4145	0.4118	0.3847	0.3678	0.3510	0.3342	0.3173

TABLE 4.17  
 INTERSTATE SUBSCRIBER PLANT FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
CONTEL OF TEXAS	0.2072	0.2194	0.2220	0.2194	0.2109	0.2190	0.2229	0.2268	0.2306	0.2345
GTE SOUTHWEST INC-TX	0.2261	0.2493	0.2506	0.2506	0.2506	0.2506	0.2505	0.2505	0.2504	0.2503
SOUTHWESTERN BELL-TX	0.2205	0.2327	0.2347	0.2347	0.2347	0.2347	0.2367	0.2386	0.2405	0.2424
UTC OF TEXAS INC	N/A	N/A	0.1722	0.1722	0.1722	0.1722	0.1820	0.1917	0.2014	0.2111
MOUNTAIN BELL-UT	0.2851	0.3195	0.3278	0.3466	0.3195	0.3195	0.3108	0.3021	0.2935	0.2848
NEW ENGLAND TEL-VT	0.4222	0.4394	0.4372	0.4394	0.4394	0.4394	0.4158	0.3921	0.3684	0.3447
CENTEL OF VIRGINIA	0.2838	0.2903	0.2903	0.2903	0.2903	0.2903	0.2853	0.2802	0.2752	0.2702
C & P TEL CO OF VA	0.2564	0.2666	0.2680	0.2693	0.2693	0.2693	0.2669	0.2645	0.2620	0.2597
CONTEL OF VIRGINIA	N/A	0.3248	0.3332	0.3248	0.3248	0.3248	0.3154	0.3061	0.2967	0.2874
GTE SOUTH INC. - VA	0.1972	0.2079	0.2005	0.2005	0.2005	0.2005	0.2066	0.2128	0.2190	0.2252
UNITED INTER-MT-VA	0.1910	0.2103	0.2103	0.2103	0.2103	0.2129	0.2175	0.2221	0.2268	0.2315
GTE NORTHWEST INC-WA	0.2964	0.3307	0.3263	0.3263	0.3263	0.3263	0.3167	0.3072	0.2977	0.2881
PACIFIC NW BELL-WA	0.2848	0.3027	0.3174	0.3187	0.3024	0.3024	0.2959	0.2893	0.2828	0.2762
UTC OF THE NW-WA	0.3987	0.4063	0.4063	0.4063	0.4063	0.4063	0.3867	0.3672	0.3477	0.3281
C & P TEL CO OF WV	0.2042	0.2124	0.2151	0.2152	0.2152	0.2152	0.2195	0.2239	0.2282	0.2326
GTE SOUTH INC. - WV	0.2851	0.2957	0.2933	0.2933	0.2933	0.2933	0.2879	0.2825	0.2771	0.2716
GTE NORTH INC. - WI	0.2570	0.2697	0.2611	0.2611	0.2611	0.2611	0.2597	0.2583	0.2569	0.2556
WISCONSIN BELL	0.1993	0.2167	0.2201	0.2201	0.2201	0.2201	0.2239	0.2276	0.2313	0.2351
MOUNTAIN BELL-WY	0.5220	0.5704	0.5754	0.5795	0.5670	0.5670	0.5274	0.4878	0.4481	0.4085
UTC OF THE WEST-WY	N/A	0.5004	0.5004	0.5004	0.5004	0.5004	0.4691	0.4378	0.4065	0.3752
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	0.3400	0.3400	0.3288	0.3175	0.3063	0.2950

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

TABLE 4.18  
 INTERSTATE SUBSCRIBER LINE USAGE FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.0909	0.0955	0.0930	0.0967	0.1110	0.1119	0.1155	0.1320	0.1337	0.1317
SO CENTRAL BELL-AL	0.0606	0.0629	0.0637	0.0640	0.0714	0.0854	0.0849	0.0833	0.0931	0.1063
MOUNTAIN BELL - AZ	0.1142	0.1137	0.1156	0.1077	0.1204	0.1415	0.1461	0.1622	0.1650	0.1633
GTE SOUTHWEST INC-AR	0.0866	0.0886	0.0875	0.0872	0.0868	0.1025	0.1063	0.1338	0.1381	0.1291
SOUTHWESTERN BELL-AR	0.0806	0.0886	0.0897	0.0915	0.1006	0.1179	0.1135	0.1153	0.1168	0.1296
UTC OF ARKANSAS *	0.1038	0.1111	0.1163	0.1221	0.1218	0.1418	0.1541	0.1700	0.1752	0.1627
CONTEL OF CALIFORNIA	0.0630	0.0639	0.0662	0.0710	0.0733	0.0796	0.0852	0.1039	0.1101	0.1227
GTC OF CALIFORNIA	0.0557	0.0578	0.0564	0.0568	0.0581	0.0678	0.0772	0.0893	0.1060	0.1049
PACIFIC BELL	0.0587	0.0596	0.0601	0.0639	0.0722	0.0834	0.0825	0.0851	0.0882	0.0958
WEST COAST TEL OF CA	0.1248	0.1234	0.1188	0.1192	0.1220	0.1247	0.1190	0.1173	0.1335	0.1453
MOUNTAIN BELL-CO	0.1084	0.1165	0.1169	0.1215	0.1404	0.1450	0.1595	0.1676	0.1690	0.1696
SOUTHERN NEW ENGLAND	0.1112	0.1154	0.1169	0.1209	0.1354	0.1513	0.1540	0.1686	0.1758	0.1863
DIAMOND STATE TEL	0.1264	0.1284	0.1296	0.1326	0.1507	0.1804	0.1909	0.1930	0.2021	0.2129
C & P TEL CO OF WASH	0.1322	0.1341	0.1327	0.1362	0.1531	0.1917	0.1956	0.1764	0.1418	0.1543
CENTEL OF FLORIDA	0.0981	0.1041	0.1110	0.1144	0.1176	0.1338	0.1437	0.1559	0.1586	0.1478
GTE FLORIDA INC.	0.1054	0.1120	0.1171	0.1163	0.1252	0.1303	0.1371	0.1537	0.1642	0.1605
SOUTHERN BELL-FL	0.0912	0.0952	0.0976	0.0997	0.1064	0.1162	0.1245	0.1345	0.1529	0.1605
UTC OF FLORIDA	N/A	0.1282	0.1316	0.1341	0.1275	0.1441	0.1446	0.1592	0.1714	0.1739
GTE SOUTH INC.- GA	0.0652	0.0676	0.0665	0.0687	0.0793	0.0857	0.0809	0.0879	0.0898	0.0902
SOUTHERN BELL-GA	0.0815	0.0860	0.0901	0.0878	0.0929	0.1025	0.1025	0.1097	0.1182	0.1223
GTE HAWAIIAN TEL. CO	N/A	N/A	0.0669	0.0715	0.0719	0.0888	0.1022	0.1443	0.1453	0.1419
GTE NORTHWEST INC-ID	0.1667	0.1783	0.1787	0.1815	0.2050	0.2115	0.2123	0.2131	0.2270	0.2695
MOUNTAIN BELL-ID	0.1002	0.1038	0.1054	0.1137	0.1338	0.1561	0.1640	0.1732	0.1725	0.1718
PACIFIC NW BELL-ID	0.1088	0.1110	0.1191	0.1155	0.1272	0.1377	0.1500	0.1676	0.1707	0.1752
CENTEL OF ILLINOIS	0.0888	0.0911	0.0872	0.0952	0.1032	0.1145	0.1386	0.1702	0.1917	0.2290
GTE NORTH INC. - IL	0.0739	0.0801	0.0825	0.0836	0.0817	0.0873	0.0909	0.1013	0.1136	0.1179
ILLINOIS BELL TEL CO	0.0831	0.0841	0.0870	0.0897	0.0949	0.1037	0.1104	0.1277	0.1396	0.1474
GTE NORTH INC. - IN	0.0915	0.0986	0.0976	0.0986	0.0988	0.1127	0.1185	0.1219	0.1465	0.1601
INDIANA BELL TEL CO	0.0683	0.0743	0.0724	0.0737	0.0835	0.1006	0.1040	0.1157	0.1220	0.1254
UTC OF INDIANA	0.0924	0.0995	0.0987	0.1050	0.1052	0.1123	0.1027	0.1147	0.1286	0.1338
GTE NORTH INC. - IA	0.0802	0.0884	0.0894	0.0938	0.0947	0.1045	0.1085	0.1156	0.1233	0.1243
NORTHWESTERN BELL-IA	0.0831	0.0884	0.0899	0.0979	0.1167	0.1420	0.1478	0.1536	0.1616	0.1538
UTC OF IOWA *	N/A	0.0787	0.0830	0.0865	0.1002	0.1209	0.1183	0.1260	0.1362	0.1549
SOUTHWESTERN BELL-KS	0.0834	0.0907	0.0906	0.0951	0.1061	0.1181	0.1186	0.1299	0.1404	0.1541
UTC OF KANSAS	0.1340	0.1367	0.1362	0.1433	0.1478	0.1577	0.1736	0.1871	0.2036	0.2215
CINCINNATI BELL-KY	0.0419	0.0430	0.0493	0.0602	0.0641	0.0874	0.0888	0.0930	0.0979	0.1006
GTE SOUTH INC. - KY	0.0785	0.0800	0.0810	0.0795	0.0853	0.0919	0.0957	0.1261	0.1180	0.1119
SO CENTRAL BELL-KY	0.0637	0.0660	0.0661	0.0669	0.0736	0.0832	0.0878	0.0868	0.0993	0.1174
SO CENTRAL BELL-LA	0.0573	0.0591	0.0589	0.0605	0.0687	0.0813	0.0781	0.0768	0.0940	0.1120
NEW ENGLAND TEL-ME	0.0859	0.0910	0.0958	0.1025	0.1111	0.1314	0.1407	0.1427	0.1520	0.1478
C & P TEL CO OF MD	0.0688	0.0691	0.0672	0.0692	0.0776	0.0950	0.1044	0.1171	0.1236	0.1205
NEW ENGLAND TEL-MA	0.0844	0.0869	0.0891	0.0928	0.0984	0.1228	0.1362	0.1416	0.1502	0.1566
GTE NORTH INC. - MI	0.0553	0.0572	0.0589	0.0617	0.0668	0.0721	0.0796	0.0861	0.0965	0.1011
MICHIGAN BELL TEL CO	0.0499	0.0516	0.0521	0.0543	0.0645	0.0770	0.0850	0.0906	0.0917	0.0987
CENTEL OF MN	0.0685	0.0713	0.0721	0.0718	0.0844	0.0890	0.0938	0.1103	0.1247	0.1339
GTE NORTH INC. - MN	0.0946	0.0947	0.0973	0.1068	0.1115	0.1143	0.1192	0.1307	0.1352	0.1429
NORTHWESTERN BELL-MN	0.0733	0.0780	0.0765	0.0790	0.0850	0.1097	0.1178	0.1275	0.1306	0.1263
UTC OF MINNESOTA	N/A	0.0551	0.0551	0.0566	0.0596	0.0702	0.0718	0.0813	0.0901	0.1085



TABLE 4.18  
 INTERSTATE SUBSCRIBER LINE USAGE FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SO CENTRAL BELL-MS	0.0727	0.0774	0.0773	0.0795	0.0866	0.0991	0.1017	0.0990	0.1121	0.1323
GTE NORTH INC. - MO	0.0910	0.0930	0.0928	0.1006	0.1096	0.1180	0.1328	0.1466	0.1670	0.1684
SOUTHWESTERN BELL-MO	0.0824	0.0831	0.0808	0.0835	0.0912	0.1082	0.1016	0.1001	0.1104	0.1227
UTC OF MISSOURI	0.0964	0.1039	0.1104	0.1187	0.1097	0.1468	0.1545	0.1485	0.1550	0.1744
GTE NORTHWEST INC-MT	0.1211	0.1373	0.1409	0.1293	0.1496	0.1578	0.1629	0.1728	0.1912	0.1899
MOUNTAIN BELL-MT	0.1109	0.1235	0.1239	0.1213	0.1352	0.1493	0.1500	0.1645	0.1701	0.1696
GTE NORTH INC. - NE	0.0763	0.0796	0.0798	0.0824	0.0897	0.1006	0.1051	0.1257	0.1303	0.1311
LINCOLN TEL & TEL CO	0.0883	0.0913	0.0905	0.0861	0.1006	0.1075	0.1188	0.1362	0.1534	0.1547
NORTHWESTERN BELL-NE	0.1044	0.1162	0.1167	0.1140	0.1284	0.1460	0.1610	0.1801	0.1936	0.1636
UTC OF THE WEST-NE	N/A	0.1186	0.1239	0.1215	0.1311	0.1575	0.1515	0.1567	0.1769	0.1931
CENTEL OF NV	0.1502	0.1553	0.1554	0.1560	0.2003	0.1874	0.2387	0.2356	0.2344	0.1979
NEVADA BELL	0.1822	0.1885	0.1846	0.1966	0.2098	0.2179	0.2036	0.2029	0.2302	0.2187
NEW ENGLAND TEL-NH	0.1496	0.1556	0.1612	0.1690	0.1743	0.2062	0.2266	0.2344	0.2199	0.2511
NEW JERSEY BELL	0.1155	0.1173	0.1214	0.1260	0.1373	0.1605	0.1647	0.1800	0.1914	0.1975
UNITED TEL - NJ, INC	N/A	0.1337	0.1373	0.1447	0.1472	0.1630	0.1700	0.1852	0.1964	0.2069
GTE SOUTHWEST INC-NM	0.1385	0.1522	0.1518	0.1461	0.1536	0.1670	0.1517	0.1777	0.1854	0.1844
MOUNTAIN BELL-NM	0.0941	0.1023	0.1073	0.1088	0.1203	0.1346	0.1405	0.1528	0.1474	0.1473
CONTEL OF NY, INC	0.0659	0.0681	0.0710	0.0744	0.0827	0.0958	0.1038	0.1118	0.1216	0.1295
NEW YORK TEL CO	0.0863	0.0882	0.0918	0.0946	0.1067	0.1167	0.1257	0.1342	0.1427	0.1509
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	0.0684	0.0759	0.0856	0.0826	0.0939	0.0967
CAROLINA TEL & TEL	0.0699	0.0725	0.0741	0.0800	0.0875	0.1014	0.1068	0.1230	0.1385	0.1507
CENTEL OF NC	0.0593	0.0630	0.0613	0.0660	0.0729	0.0787	0.0860	0.0917	0.0966	0.1025
GTE SOUTH INC - NC	0.0818	0.0920	0.0942	0.0995	0.1053	0.1159	0.1165	0.1461	0.1366	0.1323
SOUTHERN BELL-NC	0.0691	0.0763	0.0791	0.0837	0.0875	0.0943	0.0931	0.1100	0.1219	0.1295
NORTHWESTERN BELL-ND	0.0906	0.0981	0.1061	0.1039	0.1104	0.1322	0.1412	0.1557	0.1577	0.1740
CENTEL OF OHIO	0.0479	0.0514	0.0564	0.0567	0.0673	0.0886	0.0864	0.1027	0.1067	0.0809
CINCINNATI BELL-OH	0.0531	0.0580	0.0644	0.0672	0.0687	0.0959	0.1025	0.1092	0.1032	0.1095
GTE NORTH INC. - OH	0.0668	0.0692	0.0663	0.0666	0.0685	0.0751	0.0804	0.0930	0.1024	0.1137
OHIO BELL TEL CO	0.0579	0.0607	0.0638	0.0652	0.0730	0.0795	0.0984	0.1067	0.1079	0.1156
UTC OF OHIO	0.0636	0.0659	0.0698	0.0752	0.0793	0.0901	0.0817	0.0917	0.1048	0.1312
GTE SOUTHWEST INC-OK	0.0934	0.1004	0.1002	0.0997	0.1005	0.1128	0.1223	0.1667	0.1544	0.1513
SOUTHWESTERN BELL-OK	0.0890	0.0947	0.0966	0.0925	0.1004	0.1124	0.1098	0.1173	0.1268	0.1382
GTE NORTHWEST INC-OR	0.1024	0.1056	0.1036	0.1039	0.1051	0.1067	0.1205	0.1269	0.1559	0.1646
PACIFIC NW BELL-OR	0.0809	0.0931	0.0954	0.0977	0.1179	0.1300	0.1438	0.1558	0.1569	0.1589
UTC OF THE NW - OR	0.1170	0.1186	0.1231	0.1280	0.1372	0.1384	0.1491	0.1437	0.1609	0.1679
BELL OF PENNSYLVANIA	0.0709	0.0725	0.0742	0.0786	0.0921	0.1108	0.1073	0.1149	0.1238	0.1292
GTE NORTH INC. - PA	0.0634	0.0639	0.0664	0.0658	0.0686	0.0773	0.0823	0.0945	0.1036	0.1113
UTC OF PENNSYLVANIA	0.0673	0.0702	0.0707	0.0733	0.0860	0.0914	0.0909	0.1012	0.1186	0.1272
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	0.0627	0.0761	0.0795	0.0867	0.1008	0.0930
NEW ENGLAND TEL - RI	0.0963	0.0990	0.1016	0.1061	0.1159	0.1392	0.1552	0.1686	0.1773	0.1852
GTE SOUTH INC. - SC	0.0941	0.1013	0.1048	0.1121	0.1160	0.1240	0.1335	0.1667	0.1706	0.1710
SOUTHERN BELL-SC	0.0633	0.0694	0.0717	0.0765	0.0838	0.0851	0.0923	0.1051	0.1196	0.1239
UTC OF THE CAROLINAS	0.0821	0.0876	0.0941	0.0958	0.1110	0.1116	0.1154	0.1227	0.1292	0.1384
NORTHWESTERN BELL-SD	0.1012	0.1095	0.1126	0.1227	0.1423	0.1466	0.1661	0.1779	0.1874	0.1899
GTE SOUTH INC. - TN	0.0603	0.0696	0.0788	0.0836	0.0864	0.0988	0.0941	0.1002	0.1134	0.1156
SO. CENTRAL BELL -TN	0.0634	0.0686	0.0726	0.0769	0.0886	0.0992	0.0965	0.0972	0.1047	0.1210
UNITED INTER-MT-TN	0.0684	0.0723	0.0782	0.0811	0.0895	0.0933	0.1021	0.1132	0.1134	0.1066
CENTEL OF TEXAS	0.0986	0.0999	0.0952	0.0985	0.1182	0.1222	0.1443	0.1522	0.1455	0.1432

TABLE 4.18  
 INTERSTATE SUBSCRIBER LINE USAGE FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
CONTEL OF TEXAS	0.0580	0.0618	0.0647	0.0629	0.0714	0.0865	0.0819	0.0925	0.0981	0.1319
GTE SOUTHWEST INC-TX	0.0669	0.0683	0.0671	0.0668	0.0712	0.0792	0.0880	0.1262	0.1154	0.1103
SOUTHWESTERN BELL-TX	0.0598	0.0631	0.0652	0.0650	0.0724	0.0854	0.0802	0.0850	0.0926	0.0969
UTC OF TEXAS INC	N/A	N/A	0.0479	0.0439	0.0544	0.0618	0.0606	0.0731	0.0804	0.1047
MOUNTAIN BELL-UT	0.0802	0.0886	0.0909	0.0962	0.0997	0.1225	0.1290	0.1302	0.1377	0.1358
NEW ENGLAND TEL-VT	0.1483	0.1491	0.1498	0.1553	0.1721	0.1871	0.1995	0.2182	0.2253	0.1988
CENTEL OF VIRGINIA	0.0890	0.0910	0.0904	0.0971	0.1063	0.1183	0.1277	0.1397	0.1494	0.1608
C & P TEL CO OF VA	0.0789	0.0820	0.0827	0.0862	0.0991	0.1082	0.1115	0.1278	0.1299	0.1408
CONTEL OF VIRGINIA	N/A	0.1018	0.1045	0.1080	0.1240	0.1363	0.1510	0.1694	0.1850	0.1926
GTE SOUTH INC. - VA	0.0701	0.0745	0.0723	0.0713	0.0823	0.0882	0.0889	0.1006	0.1193	0.1200
UNITED INTER-MT-VA	0.0661	0.0722	0.0749	0.0756	0.0905	0.1027	0.1119	0.1164	0.1267	0.1438
GTE NORTHWEST INC-WA	0.0778	0.0855	0.0871	0.0897	0.0921	0.0963	0.0955	0.1087	0.1233	0.1346
PACIFIC NW BELL-WA	0.0781	0.0830	0.0871	0.0874	0.1033	0.1223	0.1244	0.1340	0.1387	0.1362
UTC OF THE NW-WA	0.1117	0.1132	0.1135	0.1192	0.1324	0.1365	0.1356	0.1408	0.1405	0.1484
C & P TEL CO OF WV	0.0697	0.0725	0.0734	0.0757	0.0837	0.0908	0.0960	0.1018	0.1051	0.1138
GTE SOUTH INC. - WV	0.1017	0.1074	0.1020	0.1026	0.1171	0.1268	0.1356	0.1546	0.1701	0.1697
GTE NORTH INC. - WI	0.0775	0.0813	0.0811	0.0850	0.0927	0.1017	0.1014	0.1036	0.1230	0.1352
WISCONSIN BELL	0.0626	0.0683	0.0712	0.0765	0.0867	0.0958	0.1056	0.1167	0.1205	0.1317
MOUNTAIN BELL-WY	0.1561	0.1706	0.1722	0.1734	0.1912	0.2016	0.2080	0.2237	0.2242	0.2354
UTC OF THE WEST-WY	N/A	0.1674	0.1621	0.1573	0.1749	0.2050	0.2255	0.2301	0.2396	0.2434
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	0.1172	0.1209	0.1256	0.1292	0.1273	0.1384

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

TABLE 4.19  
 INTERSTATE DIAL EQUIPMENT MINUTE FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.0909	0.0955	0.0930	0.0967	0.1110	0.1119	0.1242	0.1409	0.1403	0.1381
GTE SOUTH INC. - AL	0.0909	0.0955	0.0930	0.0967	0.1110	0.1119	0.1242	0.1409	0.1403	0.1381
SO CENTRAL BELL-AL	0.0606	0.0630	0.0643	0.0656	0.0761	0.0954	0.1006	0.1009	0.1033	0.1165
MOUNTAIN BELL - AZ	0.1147	0.1150	0.1197	0.1236	0.1413	0.1569	0.1597	0.1694	0.1677	0.1701
GTE SOUTHWEST INC-AR	0.0861	0.0886	0.0875	0.0872	0.0868	0.1025	0.1118	0.1466	0.1521	0.1426
SOUTHWESTERN BELL-AR	0.0806	0.0888	0.0906	0.0934	0.1069	0.1300	0.1351	0.1411	0.1404	0.1454
UTC OF ARKANSAS *	0.1007	0.1101	0.1122	0.1157	0.1178	0.1331	0.1541	0.1700	0.1744	0.1627
CONTEL OF CALIFORNIA	0.0630	0.0639	0.0662	0.0710	0.0733	0.0805	0.0860	0.1050	0.1111	0.1229
GTC OF CALIFORNIA	0.0557	0.0578	0.0564	0.0568	0.0581	0.0678	0.0794	0.0927	0.1091	0.1079
PACIFIC BELL	0.0607	0.0619	0.0644	0.0722	0.0881	0.0970	0.0964	0.0976	0.0981	0.1045
WEST COAST TEL OF CA	0.1242	0.1227	0.1181	0.1181	0.1225	0.1248	0.1202	0.1192	0.1344	0.1525
MOUNTAIN BELL-CO	0.1102	0.1181	0.1205	0.1293	0.1466	0.1602	0.1730	0.1711	0.1709	0.1742
SOUTHERN NEW ENGLAND	0.1121	0.1166	0.1196	0.1273	0.1494	0.1689	0.1700	0.1798	0.1858	0.1939
DIAMOND STATE TEL	0.1282	0.1299	0.1321	0.1372	0.1589	0.1878	0.1989	0.1968	0.2032	0.2143
C & P TEL CO OF WASH	0.0991	0.1022	0.1076	0.1226	0.1568	0.2091	0.2145	0.1745	0.1537	0.1634
CENTEL OF FLORIDA	0.0974	0.1060	0.1121	0.1127	0.1127	0.1408	0.1498	0.1639	0.1620	0.1496
GTE FLORIDA INC.	0.1054	0.1120	0.1171	0.1162	0.1259	0.1319	0.1476	0.1666	0.1664	0.1629
SOUTHERN BELL-FL	0.0913	0.0957	0.0996	0.1048	0.1165	0.1255	0.1385	0.1555	0.1667	0.1725
UTC OF FLORIDA	N/A	0.1282	0.1316	0.1341	0.1275	0.1423	0.1514	0.1685	0.1765	0.1813
GTE SOUTH INC.- GA	0.0652	0.0676	0.0665	0.0687	0.0793	0.0857	0.0881	0.1021	0.1022	0.1012
SOUTHERN BELL-GA	0.0813	0.0855	0.0907	0.0902	0.0977	0.1086	0.1189	0.1334	0.1356	0.1383
GTE HAWAIIAN TEL. CO	N/A	N/A	0.0606	0.0715	0.0719	0.0888	0.1063	0.1489	0.1492	0.1459
GTE NORTHWEST INC-ID	0.1667	0.1783	0.1787	0.1815	0.2053	0.2115	0.2156	0.2217	0.2354	0.2775
MOUNTAIN BELL-ID	0.1002	0.1038	0.1059	0.1159	0.1371	0.1705	0.1718	0.1792	0.1754	0.1779
PACIFIC NW BELL-ID	0.1086	0.1110	0.1104	0.1155	0.1270	0.1377	0.1511	0.1689	0.1731	0.1777
CENTEL OF ILLINOIS	0.0888	0.0911	0.0872	0.0952	0.1032	0.1151	0.1410	0.1829	0.2446	0.2471
GTE NORTH INC. - IL	0.0738	0.0801	0.0825	0.0836	0.0817	0.0873	0.0937	0.1096	0.1254	0.1295
ILLINOIS BELL TEL CO	0.0827	0.0839	0.0869	0.0895	0.1044	0.1146	0.1162	0.1327	0.1425	0.1497
GTE NORTH INC. - IN	0.0915	0.0986	0.0976	0.0986	0.0988	0.1127	0.1224	0.1270	0.1559	0.1682
INDIANA BELL TEL CO	0.0693	0.0744	0.0767	0.0832	0.0917	0.1148	0.1148	0.1243	0.1274	0.1293
UTC OF INDIANA	0.0877	0.0951	0.0942	0.0997	0.0993	0.1035	0.1073	0.1194	0.1328	0.1483
GTE NORTH INC. - IA	0.0802	0.0884	0.0894	0.0938	0.0947	0.1045	0.1127	0.1233	0.1278	0.1295
NORTHWESTERN BELL-IA	0.0838	0.0894	0.0923	0.1022	0.1257	0.1651	0.1742	0.1746	0.1737	0.1669
UTC OF IOWA *	N/A	0.0768	0.0810	0.0845	0.0961	0.1189	0.1270	0.1394	0.1409	0.1549
SOUTHWESTERN BELL-KS	0.0806	0.0889	0.0908	0.0967	0.1128	0.1289	0.1359	0.1527	0.1601	0.1670
UTC OF KANSAS	0.1331	0.1353	0.1348	0.1410	0.1454	0.1558	0.1750	0.1890	0.2060	0.2228
CINCINNATI BELL-KY	0.0419	0.0430	0.0493	0.0602	0.0641	0.0885	0.0893	0.0932	0.0980	0.1006
GTE SOUTH INC. - KY	0.0785	0.0800	0.0810	0.0795	0.0845	0.0919	0.1010	0.1312	0.1223	0.1155
SO CENTRAL BELL-KY	0.0640	0.0666	0.0675	0.0692	0.0785	0.0916	0.1049	0.1075	0.1127	0.1306
SO CENTRAL BELL-LA	0.0581	0.0601	0.0610	0.0642	0.0748	0.0919	0.0939	0.0938	0.1006	0.1180
NEW ENGLAND TEL-ME	0.0859	0.0910	0.0958	0.1029	0.1135	0.1358	0.1494	0.1458	0.1533	0.1479
C & P TEL CO OF MD	0.0697	0.0700	0.0691	0.0723	0.0824	0.1013	0.1108	0.1218	0.1255	0.1216
NEW ENGLAND TEL-MA	0.0862	0.0903	0.0941	0.0975	0.1190	0.1322	0.1444	0.1466	0.1525	0.1538
GTE NORTH INC. - MI	0.0553	0.0572	0.0589	0.0617	0.0667	0.0721	0.0777	0.0872	0.1007	0.1054
MICHIGAN BELL TEL CO	0.0504	0.0523	0.0543	0.0580	0.0715	0.0855	0.0932	0.0966	0.0951	0.1018
CENTEL OF MN	0.0659	0.0682	0.0681	0.0678	0.0792	0.0838	0.0929	0.0991	0.1261	0.1346
GTE NORTH INC. - MN	0.0946	0.0947	0.0973	0.1068	0.1115	0.1143	0.1198	0.1317	0.1352	0.1429
NORTHWESTERN BELL-MN	0.0739	0.0787	0.0721	0.0828	0.0885	0.1165	0.1321	0.1355	0.1349	0.1320

TABLE 4.19  
 INTERSTATE DIAL EQUIPMENT MINUTE FACTOR  
 BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.0909	0.0955	0.0930	0.0967	0.1110	0.1119	0.1242	0.1409	0.1403	0.1381
UTC OF MINNESOTA	N/A	0.0503	0.0499	0.0517	0.0559	0.0665	0.0735	0.0837	0.0951	0.1111
SO CENTRAL BELL-MS	0.0727	0.0774	0.0775	0.0803	0.0885	0.1062	0.1185	0.1193	0.1216	0.1409
GTE NORTH INC. - MO	0.0910	0.0930	0.0928	0.0991	0.1096	0.1180	0.1361	0.1515	0.1739	0.1767
SOUTHWESTERN BELL-MO	0.0803	0.0824	0.0838	0.0897	0.1024	0.1264	0.1253	0.1280	0.1335	0.1415
UTC OF MISSOURI	0.0943	0.1009	0.1070	0.1141	0.1049	0.1421	0.1530	0.1512	0.1567	0.1747
GTE NORTHWEST INC-MT	0.1211	0.1373	0.1409	0.1293	0.1495	0.1578	0.1644	0.1755	0.1905	0.1899
MOUNTAIN BELL-MT	0.1109	0.1235	0.1239	0.1230	0.1356	0.1606	0.1557	0.1682	0.1733	0.1777
GTE NORTH INC. - NE	0.0763	0.0796	0.0798	0.0824	0.0897	0.1006	0.1093	0.1420	0.1554	0.1559
LINCOLN TEL & TEL CO	0.0883	0.0913	0.0905	0.0861	0.1006	0.1075	0.1188	0.1362	0.1534	0.1547
NORTHWESTERN BELL-NE	0.1096	0.1164	0.1154	0.1188	0.1319	0.1609	0.1733	0.1895	0.1982	0.1781
UTC OF THE WEST-NE	N/A	0.1184	0.1216	0.1209	0.1287	0.1565	0.1455	0.1506	0.1843	0.1944
CENDEL OF NV	0.1856	0.1926	0.1855	0.1838	0.2213	0.1969	0.2015	0.2214	0.2359	0.2056
NEVADA BELL	0.1831	0.1893	0.1884	0.2034	0.2204	0.2341	0.2331	0.2055	0.2498	0.2320
NEW ENGLAND TEL-NH	0.1496	0.1556	0.1626	0.1739	0.1861	0.2137	0.2394	0.2408	0.2231	0.2497
NEW JERSEY BELL	0.1156	0.1177	0.1234	0.1307	0.1476	0.1764	0.1757	0.1868	0.1940	0.1996
UNITED TEL - NJ, INC	N/A	0.1337	0.1373	0.1447	0.1472	0.1630	0.1751	0.1898	0.1971	0.2119
GTE SOUTHWEST INC-NM	0.1378	0.1522	0.1518	0.1460	0.1544	0.1675	0.1523	0.1785	0.1867	0.1855
MOUNTAIN BELL-NM	0.0939	0.1021	0.1086	0.1116	0.1247	0.1489	0.1553	0.1652	0.1516	0.1582
CONTEL OF NY, INC	0.0659	0.0681	0.0710	0.0744	0.0827	0.0958	0.1038	0.1129	0.1228	0.1295
NEW YORK TEL CO	0.0865	0.0888	0.0940	0.0995	0.1159	0.1284	0.1362	0.1419	0.1464	0.1537
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	0.0684	0.0759	0.0856	0.0885	0.0939	0.0967
CAROLINA TEL & TEL	0.0699	0.0725	0.0741	0.0800	0.0873	0.1027	0.1134	0.1345	0.1450	0.1541
CENDEL OF NC	0.0561	0.0594	0.0582	0.0629	0.0704	0.0757	0.0827	0.0916	0.1042	0.1074
GTE SOUTH INC - NC	0.0818	0.0920	0.0942	0.0994	0.1053	0.1159	0.1262	0.1604	0.1533	0.1477
SOUTHERN BELL-NC	0.0697	0.0771	0.0806	0.0867	0.0910	0.0982	0.1070	0.1345	0.1368	0.1435
NORTHWESTERN BELL-ND	0.0906	0.0981	0.0969	0.1014	0.1105	0.1424	0.1525	0.1662	0.1637	0.1799
CENDEL OF OHIO	0.0479	0.0513	0.0563	0.0567	0.0710	0.0858	0.0886	0.1132	0.1126	0.0843
CINCINNATI BELL-OH	0.0531	0.0580	0.0644	0.0672	0.0687	0.1140	0.1156	0.1176	0.1071	0.1119
GTE NORTH INC. - OH	0.0668	0.0692	0.0663	0.0666	0.0685	0.0751	0.0827	0.0947	0.1045	0.1157
OHIO BELL TEL CO	0.0598	0.0630	0.0680	0.0708	0.0825	0.0866	0.1109	0.1135	0.1107	0.1173
UTC OF OHIO	0.0636	0.0659	0.0698	0.0752	0.0822	0.0940	0.0930	0.1048	0.1527	0.1368
GTE SOUTHWEST INC-OK	0.0934	0.1004	0.1002	0.0997	0.1005	0.1128	0.1233	0.1690	0.1586	0.1553
SOUTHWESTERN BELL-OK	0.0827	0.0887	0.0942	0.0931	0.1103	0.1258	0.1239	0.1347	0.1396	0.1487
GTE NORTHWEST INC-OR	0.1024	0.1056	0.1036	0.1039	0.1050	0.1067	0.1256	0.1410	0.1660	0.1749
PACIFIC NW BELL-OR	0.0870	0.0933	0.0964	0.0942	0.1298	0.1430	0.1574	0.1653	0.1622	0.1659
UTC OF THE NW - OR	0.1170	0.1186	0.1231	0.1280	0.1372	0.1385	0.1526	0.1439	0.1652	0.1704
BELL OF PENNSYLVANIA	0.0720	0.0739	0.0768	0.0841	0.1025	0.1215	0.1153	0.1209	0.1277	0.1320
GTE NORTH INC. - PA	0.0634	0.0639	0.0664	0.0658	0.0686	0.0773	0.0860	0.0967	0.1096	0.1170
UTC OF PENNSYLVANIA	0.0673	0.0702	0.0707	0.0733	0.0860	0.0932	0.0989	0.1090	0.1191	0.1307
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	0.0644	0.0783	0.0818	0.0889	0.1024	0.0946
NEW ENGLAND TEL - RI	0.0981	0.1018	0.1053	0.1119	0.1277	0.1487	0.1654	0.1775	0.1811	0.2008
GTE SOUTH INC. - SC	0.0941	0.1013	0.1048	0.1121	0.1160	0.1240	0.1361	0.1703	0.1754	0.1766
SOUTHERN BELL-SC	0.0635	0.0697	0.0726	0.0790	0.0831	0.0856	0.1072	0.1257	0.1292	0.1336
UTC OF THE CAROLINAS	0.0847	0.0870	0.0939	0.0950	0.1100	0.1107	0.1736	0.1763	0.1309	0.1419
NORTHWESTERN BELL-SD	0.1012	0.1095	0.1126	0.1210	0.1336	0.1510	0.1844	0.1920	0.1972	0.1989
GTE SOUTH INC. - TN	0.0603	0.0696	0.0788	0.0836	0.0864	0.0988	0.0982	0.1081	0.1211	0.1232
SO. CENTRAL BELL -TN	0.0625	0.0685	0.0748	0.0810	0.0976	0.1116	0.1154	0.1180	0.1187	0.1369

TABLE 4.19  
INTERSTATE DIAL EQUIPMENT MINUTE FACTOR  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.0909	0.0955	0.0930	0.0967	0.1110	0.1119	0.1242	0.1409	0.1403	0.1381
UNITED INTER-MT-TN	0.0675	0.0696	0.0742	0.0770	0.0828	0.0943	0.1064	0.1182	0.1155	0.1101
CENTEL OF TEXAS	0.0963	0.0978	0.0954	0.0982	0.1173	0.1218	0.1429	0.1541	0.1464	0.1434
CONTEL OF TEXAS	0.0571	0.0609	0.0640	0.0619	0.0698	0.0902	0.0851	0.0838	0.0997	0.1321
GTE SOUTHWEST INC-TX	0.0668	0.0683	0.0671	0.0668	0.0712	0.0792	0.0888	0.1283	0.1174	0.1128
SOUTHWESTERN BELL-TX	0.0586	0.0635	0.0672	0.0690	0.0804	0.0980	0.0952	0.1025	0.1057	0.1065
UTC OF TEXAS INC	N/A	N/A	0.0759	0.0694	0.0829	0.0608	0.0600	0.0735	0.0812	0.1054
MOUNTAIN BELL-UT	0.0812	0.0899	0.0905	0.1077	0.1138	0.1433	0.1392	0.1354	0.1415	0.1417
NEW ENGLAND TEL-VT	0.1483	0.1491	0.1498	0.1553	0.1736	0.1910	0.2093	0.2311	0.2390	0.2057
CENTEL OF VIRGINIA	0.0891	0.0918	0.0917	0.0994	0.1065	0.1178	0.1245	0.1394	0.1534	0.1651
C & P TEL CO OF VA	0.0774	0.0808	0.0816	0.0858	0.1026	0.1127	0.1166	0.1307	0.1321	0.1423
CONTEL OF VIRGINIA	N/A	0.1018	0.1045	0.1080	0.1240	0.1363	0.1527	0.1727	0.1882	0.1943
GTE SOUTH INC. - VA	0.0701	0.0745	0.0723	0.0713	0.0823	0.0883	0.0890	0.1009	0.1209	0.1198
UNITED INTER-MT-VA	0.0705	0.0714	0.0740	0.0749	0.0905	0.1035	0.1149	0.1159	0.1280	0.1475
GTE NORTHWEST INC-WA	0.0780	0.0855	0.0871	0.0897	0.0921	0.0963	0.0989	0.1148	0.1308	0.1441
PACIFIC NW BELL-WA	0.0779	0.0832	0.0878	0.0896	0.1035	0.1408	0.1339	0.1405	0.1424	0.1424
UTC OF THE NW-WA	0.1117	0.1132	0.1135	0.1192	0.1324	0.1370	0.1404	0.1409	0.1404	0.1508
C & P TEL CO OF WV	0.0697	0.0725	0.0734	0.0764	0.0860	0.0935	0.1001	0.1076	0.1078	0.1159
GTE SOUTH INC. - WV	0.1017	0.1074	0.1020	0.1026	0.1175	0.1268	0.1364	0.1556	0.1741	0.1719
GTE NORTH INC. - WI	0.0775	0.0813	0.0811	0.0850	0.0927	0.1017	0.1072	0.1140	0.1352	0.1503
WISCONSIN BELL	0.0620	0.0688	0.0738	0.0807	0.0979	0.1115	0.1185	0.1269	0.1261	0.1362
MOUNTAIN BELL-WY	0.1644	0.1709	0.1751	0.1800	0.1994	0.2129	0.2183	0.2309	0.2280	0.2379
UTC OF THE WEST-WY	N/A	0.1672	0.1617	0.1565	0.1735	0.2050	0.2268	0.2311	0.2421	0.2442
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	0.1177	0.1237	0.1283	0.1368	0.1294	0.1399

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM

GTE IS PROVIDING ESTIMATED UNWEIGHTED DEM AS REQUESTED FOR THE PERIOD FROM 1980 THROUGH 1987  
BY ADJUSTING SLU MOU FOR KNOWN DIFFERENCES BETWEEN SLU AND DEM

TABLE 4.20  
WEIGHTED DIAL EQUIPMENT MINUTE FACTOR  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
GTE SOUTH INC. - AL	0.1443	0.1478	0.1443	0.1501	0.1678	0.1899	0.1914	0.2083	0.2655	0.2370
SO CENTRAL BELL-AL	0.0836	0.0853	0.0849	0.0855	0.0959	0.1153	0.1175	0.1137	0.1592	0.1507
MOUNTAIN BELL - AZ	0.1158	0.1161	0.1208	0.1246	0.1424	0.1765	0.1800	0.1936	0.2727	0.2500
GTE SOUTHWEST INC-AR	0.1415	0.1472	0.1444	0.1359	0.1414	0.1643	0.1802	0.2091	0.2467	0.2221
SOUTHWESTERN BELL-AR	0.1241	0.1221	0.1214	0.1221	0.1349	0.1583	0.1633	0.1695	0.2116	0.1972
UTC OF ARKANSAS *	0.1742	0.1891	0.1927	0.1969	0.1965	0.2196	0.2484	0.2640	0.3147	0.3328
CONTEL OF CALIFORNIA	0.0926	0.0915	0.0954	0.1010	0.1035	0.1144	0.1174	0.1366	0.2038	0.1867
GTC OF CALIFORNIA	0.0735	0.0751	0.0728	0.0722	0.0625	0.0840	0.0940	0.1087	0.1819	0.1648
PACIFIC BELL	0.0742	0.0745	0.0758	0.0821	0.0985	0.1088	0.1078	0.1084	0.1555	0.1446
WEST COAST TEL OF CA	0.1775	0.1768	0.1714	0.1716	0.1796	0.1815	0.1762	0.1739	0.2557	0.2836
MOUNTAIN BELL-CO	0.1113	0.1192	0.1217	0.1305	0.1478	0.1849	0.1975	0.1986	0.2790	0.2561
SOUTHERN NEW ENGLAND	0.1423	0.1455	0.1475	0.1534	0.1640	0.1936	0.1931	0.2086	0.2446	0.2340
DIAMOND STATE TEL	0.1634	0.1696	0.1682	0.1697	0.1940	0.2221	0.2333	0.2304	0.2734	0.2610
C & P TEL CO OF WASH	0.1153	0.1182	0.1217	0.1348	0.1723	0.2278	0.2338	0.1962	0.2462	0.2286
CENTEL OF FLORIDA	0.1652	0.1475	0.1540	0.1546	0.1591	0.1869	0.1969	0.2097	0.2989	0.2647
GTE FLORIDA INC.	0.1345	0.1453	0.1492	0.1454	0.1541	0.1646	0.1755	0.1958	0.3047	0.2720
SOUTHERN BELL-FL	0.1134	0.1175	0.1195	0.1230	0.1332	0.1420	0.1528	0.1625	0.2524	0.2351
UTC OF FLORIDA	N/A	0.1669	0.1750	0.1762	0.1652	0.1833	0.1935	0.2102	0.3755	0.3327
GTE SOUTH INC. - GA	0.1033	0.1048	0.1018	0.1043	0.1265	0.1331	0.1344	0.1501	0.1884	0.1684
SOUTHERN BELL-GA	0.1024	0.1037	0.1074	0.1050	0.1122	0.1241	0.1330	0.1417	0.2064	0.1915
GTE HAWAIIAN TEL. CO	N/A	N/A	0.0958	0.1041	0.1058	0.1163	0.1380	0.1893	0.2625	0.2356
GTE NORTHWEST INC-ID	0.2597	0.2721	0.2696	0.2698	0.2903	0.3075	0.3124	0.3200	0.4336	0.4032
MOUNTAIN BELL-ID	0.1012	0.1049	0.1069	0.1170	0.1383	0.2082	0.2131	0.2247	0.2715	0.2509
PACIFIC NW BELL-ID	0.1097	0.1121	0.1115	0.1167	0.1282	0.1896	0.2026	0.2270	0.2860	0.3021
CENTEL OF ILLINOIS	0.1136	0.1166	0.1102	0.1230	0.1309	0.1445	0.1727	0.2170	0.2663	0.2622
GTE NORTH INC. - IL	0.1130	0.1210	0.1239	0.1243	0.1211	0.1074	0.1333	0.1532	0.2083	0.1921
ILLINOIS BELL TEL CO	0.1034	0.1036	0.1011	0.1067	0.1049	0.1285	0.1256	0.1486	0.1995	0.1890
GTE NORTH INC. - IN	0.1277	0.1373	0.1357	0.1354	0.1424	0.1588	0.1689	0.1768	0.2781	0.2565
INDIANA BELL TEL CO	0.0911	0.0952	0.0920	0.0937	0.1149	0.1339	0.1369	0.1472	0.1811	0.1698
UTC OF INDIANA	0.1376	0.1506	0.1518	0.1622	0.1535	0.1616	0.1620	0.1754	0.2467	0.2260
GTE NORTH INC. - IA	0.1232	0.1365	0.1365	0.1404	0.1434	0.1128	0.1633	0.1754	0.2181	0.1981
NORTHWESTERN BELL-IA	0.0846	0.0902	0.0931	0.1031	0.1267	0.1998	0.1847	0.2210	0.2345	0.2189
UTC OF IOWA *	N/A	0.1234	0.1378	0.1287	0.1515	0.1791	0.1899	0.1935	0.2082	0.1974
SOUTHWESTERN BELL-KS	0.1114	0.1197	0.1168	0.1221	0.1381	0.1534	0.1619	0.1804	0.2356	0.2209
UTC OF KANSAS	0.1911	0.1942	0.1935	0.2013	0.2040	0.2161	0.2356	0.2501	0.3449	0.3191
CINCINNATI BELL-KY	0.0594	0.0596	0.0659	0.0777	0.0827	0.1054	0.1074	0.1138	0.1242	0.1191
GTE SOUTH INC. - KY	0.1160	0.1181	0.1191	0.1147	0.1208	0.1690	0.1654	0.1937	0.2308	0.2036
SO CENTRAL BELL-KY	0.0955	0.0965	0.0946	0.0950	0.1043	0.1172	0.1301	0.1317	0.1631	0.1573
SO CENTRAL BELL-LA	0.0778	0.0794	0.0789	0.0814	0.0927	0.1100	0.1090	0.1044	0.1481	0.1428
NEW ENGLAND TEL-ME	0.1230	0.1241	0.1295	0.1396	0.1557	0.1944	0.2024	0.1943	0.2084	0.1949
C & P TEL CO OF MD	0.0905	0.0903	0.0877	0.0899	0.1004	0.1287	0.1442	0.1570	0.1834	0.1694
NEW ENGLAND TEL-MA	0.0977	0.1021	0.1078	0.1198	0.1395	0.1565	0.1593	0.1618	0.1883	0.1822
GTE NORTH INC. - MI	0.0852	0.0882	0.0882	0.0933	0.1043	0.1106	0.1196	0.1284	0.1648	0.1518
MICHIGAN BELL TEL CO	0.0676	0.0684	0.0688	0.0718	0.0831	0.0985	0.0990	0.1109	0.1364	0.1290
CENTEL OF MN	0.1044	0.1053	0.1041	0.1013	0.1159	0.1216	0.1326	0.1505	0.1958	0.1829
GTE NORTH INC. - MN	0.1413	0.1513	0.1538	0.1652	0.1717	0.1613	0.1814	0.1947	0.2447	0.2863
NORTHWESTERN BELL-MN	0.0746	0.0795	0.0728	0.0835	0.0893	0.1449	0.1440	0.1625	0.1978	0.1830
UTC OF MINNESOTA	N/A	0.0815	0.0815	0.0813	0.0855	0.1003	0.1090	0.1199	0.1577	0.1486

TABLE 4.20  
WEIGHTED DIAL EQUIPMENT MINUTE FACTOR  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
SO CENTRAL BELL-MS	0.1090	0.1137	0.1127	0.1163	0.1248	0.1433	0.1534	0.1492	0.1941	0.1838
GTE NORTH INC. - MO	0.1330	0.1359	0.1350	0.1457	0.1543	0.1690	0.1869	0.2142	0.2636	0.2419
SOUTHWESTERN BELL-MO	0.0958	0.0972	0.0977	0.1038	0.1164	0.1410	0.1418	0.1458	0.1921	0.1814
UTC OF MISSOURI	0.1469	0.1515	0.1584	0.1673	0.1537	0.2025	0.2104	0.2062	0.2768	0.2555
GTE NORTHWEST INC-MT	0.2247	0.2330	0.2376	0.2218	0.2436	0.2631	0.2689	0.2834	0.3839	0.4275
MOUNTAIN BELL-MT	0.1119	0.1248	0.1252	0.1243	0.1369	0.2185	0.2150	0.2360	0.3282	0.2951
GTE NORTH INC. - NE	0.1140	0.1186	0.1178	0.1214	0.1304	0.1488	0.1666	0.2095	0.2535	0.2644
LINCOLN TEL & TEL CO	0.1230	0.1260	0.1192	0.1077	0.1252	0.1286	0.1452	0.1556	0.2440	0.2243
NORTHWESTERN BELL-NE	0.1107	0.1175	0.1165	0.1199	0.1330	0.1900	0.1925	0.2266	0.2953	0.2677
UTC OF THE WEST-NE	N/A	0.1901	0.2062	0.2044	0.2040	0.2280	0.2327	0.2363	0.3372	0.3502
CENDEL OF NV	0.2413	0.2504	0.2226	0.2206	0.2480	0.2303	0.2949	0.2983	0.4852	0.4207
NEVADA BELL	0.2317	0.2382	0.2324	0.2466	0.2639	0.2486	0.2481	0.2342	0.3760	0.3426
NEW ENGLAND TEL-NH	0.1810	0.1883	0.1992	0.2149	0.2309	0.2654	0.2982	0.2981	0.3320	0.3167
NEW JERSEY BELL	0.1375	0.1385	0.1426	0.1484	0.1660	0.1950	0.1960	0.2082	0.2460	0.2361
UNITED TEL - NJ, INC	N/A	0.1671	0.1697	0.1766	0.1798	0.1932	0.1960	0.2132	0.3159	0.2939
GTE SOUTHWEST INC-NM	0.2083	0.2263	0.2295	0.2103	0.2140	0.2290	0.2129	0.2332	0.4254	0.4093
MOUNTAIN BELL-NM	0.0949	0.1031	0.1097	0.1126	0.1258	0.1849	0.1900	0.2118	0.2512	0.2311
CONTEL OF NY, INC	0.2065	0.1158	0.1695	0.1143	0.1195	0.1398	0.1463	0.1549	0.1875	0.1751
NEW YORK TEL CO	0.1581	0.1632	0.1629	0.1764	0.1310	0.1439	0.1542	0.1608	0.2126	0.2001
ROCHESTER TEL CORP	N/A	N/A	N/A	N/A	0.1023	0.1053	0.1173	0.1286	0.1731	0.1563
CAROLINA TEL & TEL	0.1040	0.1068	0.1096	0.1170	0.1260	0.1438	0.1560	0.1780	0.2103	0.1985
CENDEL OF NC	0.0954	0.1009	0.1107	0.1132	0.1507	0.1287	0.1406	0.1321	0.1732	0.1590
GTE SOUTH INC - NC	0.1105	0.1195	0.1220	0.1337	0.1236	0.1798	0.1896	0.2103	0.2799	0.2505
SOUTHERN BELL-NC	0.0959	0.1027	0.1038	0.1083	0.1126	0.1196	0.1268	0.1482	0.2023	0.1897
NORTHWESTERN BELL-ND	0.0916	0.0991	0.0911	0.1024	0.1116	0.1909	0.1940	0.2342	0.2569	0.2411
CENDEL OF OHIO	0.0709	0.0759	0.0832	0.0817	0.1010	0.1202	0.1218	0.1484	0.1540	0.1363
CINCINNATI BELL-OH	0.0660	0.0706	0.0777	0.0814	0.0823	0.1261	0.1291	0.1325	0.1792	0.1646
GTE NORTH INC. - OH	0.1032	0.1051	0.1030	0.1030	0.1087	0.1164	0.1251	0.1412	0.1805	0.1696
OHIO BELL TEL CO	0.0802	0.0823	0.0866	0.0883	0.0726	0.1019	0.1280	0.1322	0.1547	0.1469
UTC OF OHIO	0.0952	0.0983	0.1000	0.1053	0.1208	0.1364	0.1342	0.1451	0.1897	0.1746
GTE SOUTHWEST INC-OK	0.1452	0.1471	0.1445	0.1346	0.1336	0.1548	0.1685	0.2044	0.2678	0.2399
SOUTHWESTERN BELL-OK	0.1089	0.1188	0.1196	0.1147	0.1318	0.1481	0.1479	0.1596	0.2204	0.2051
GTE NORTHWEST INC-OR	0.1356	0.1361	0.1327	0.1328	0.1349	0.1367	0.1587	0.1767	0.2959	0.2694
PACIFIC NW BELL-OR	0.0878	0.0942	0.0973	0.0944	0.1407	0.2063	0.1774	0.1931	0.2287	0.2150
UTC OF THE NW - OR	0.1655	0.1672	0.1685	0.1727	0.1876	0.1908	0.2088	0.1979	0.3445	0.3439
BELL OF PENNSYLVANIA	0.0902	0.0919	0.0935	0.1002	0.1173	0.1399	0.1362	0.1431	0.1700	0.1619
GTE NORTH INC. - PA	0.0934	0.1008	0.1009	0.0960	0.1104	0.0954	0.1289	0.1435	0.1907	0.1763
UTC OF PENNSYLVANIA	0.1145	0.1193	0.1061	0.1114	0.1169	0.1258	0.1357	0.1496	0.1865	0.1749
PUERTO RICO TEL CO	N/A	N/A	N/A	N/A	0.0703	0.0784	0.1103	0.1171	0.1672	0.1504
NEW ENGLAND TEL - RI	0.1157	0.1220	0.1278	0.1384	0.1592	0.1850	0.1984	0.2117	0.2243	0.2195
GTE SOUTH INC. - SC	0.1532	0.1588	0.1633	0.1728	0.1639	0.2105	0.2127	0.2604	0.3005	0.2687
SOUTHERN BELL-SC	0.0866	0.0938	0.0959	0.1022	0.1042	0.1114	0.1314	0.1455	0.1989	0.1847
UTC OF THE CAROLINAS	0.1351	0.1389	0.1517	0.1553	0.1761	0.1710	0.1664	0.1816	0.0131	0.2189
NORTHWESTERN BELL-SD	0.1022	0.1106	0.1137	0.1222	0.1350	0.2121	0.2244	0.2524	0.2822	0.2638
GTE SOUTH INC. - TN	0.0984	0.1057	0.1339	0.1399	0.1417	0.1871	0.1678	0.1789	0.2332	0.1995
SO. CENTRAL BELL -TN	0.0813	0.0869	0.0926	0.0984	0.1158	0.1296	0.1296	0.1276	0.1667	0.1615
UNITED INTER-MT-TN	0.1035	0.1067	0.1132	0.1169	0.1243	0.1352	0.1346	0.1611	0.1908	0.1725
CENDEL OF TEXAS	0.1370	0.1112	0.1087	0.1145	0.1285	0.1560	0.1774	0.3056	0.3074	0.2707

TABLE 4.20  
WEIGHTED DIAL EQUIPMENT MINUTE FACTOR  
BY COMPANY

CARRIER	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
CONTEL OF TEXAS	0.0885	0.0925	0.0943	0.0896	0.0964	0.1194	0.1153	0.1202	0.1756	0.1685
GTE SOUTHWEST INC-TX	0.0938	0.0943	0.0912	0.0846	0.0945	0.1017	0.1162	0.1530	0.2031	0.1818
SOUTHWESTERN BELL-TX	0.0719	0.0762	0.0789	0.0798	0.0896	0.1080	0.1058	0.1139	0.1536	0.1434
UTC OF TEXAS INC	N/A	N/A	0.0759	0.0694	0.0829	0.0906	0.0904	0.0994	0.1421	0.1358
MOUNTAIN BELL-UT	0.0820	0.0908	0.0913	0.1086	0.1146	0.1633	0.1619	0.1666	0.2312	0.2113
NEW ENGLAND TEL-VT	0.2110	0.2132	0.2177	0.2286	0.2523	0.2692	0.3127	0.3363	0.3512	0.3163
CENTEL OF VIRGINIA	0.1514	0.1560	0.1743	0.1788	0.1811	0.2001	0.2122	0.1995	0.2497	0.2318
C & P TEL CO OF VA	0.1000	0.1025	0.1012	0.1040	0.1166	0.1296	0.1322	0.1482	0.1906	0.1807
CONTEL OF VIRGINIA	N/A	0.1486	0.1548	0.1574	0.1775	0.1804	0.1908	0.2132	0.2797	0.2612
GTE SOUTH INC. - VA	0.1255	0.1263	0.1296	0.1266	0.1437	0.1583	0.1551	0.1738	0.2021	0.2073
UNITED INTER-MT-VA	0.1205	0.1220	0.1280	0.1266	0.1460	0.1627	0.1712	0.1810	0.1973	0.1866
GTE NORTHWEST INC-WA	0.1086	0.1149	0.1140	0.1163	0.1199	0.1231	0.1249	0.1440	0.2352	0.2155
PACIFIC NW BELL-WA	0.0787	0.0840	0.0886	0.0904	0.1043	0.1555	0.1453	0.1661	0.2176	0.2038
UTC OF THE NW-WA	0.1548	0.1564	0.1565	0.1620	0.1804	0.1811	0.1908	0.1839	0.2762	0.2211
C & P TEL CO OF WV	0.1054	0.1062	0.1060	0.1099	0.1159	0.1305	0.1371	0.1435	0.1739	0.1616
GTE SOUTH INC. - WV	0.1661	0.1733	0.1656	0.1662	0.1864	0.2079	0.2162	0.2424	0.2843	0.2591
GTE NORTH INC. - WI	0.1277	0.1298	0.1287	0.1327	0.1418	0.1488	0.1532	0.1613	0.2272	0.2138
WISCONSIN BELL	0.0834	0.0908	0.0947	0.1013	0.1129	0.1261	0.1341	0.1431	0.1714	0.1644
MOUNTAIN BELL-WY	0.1391	0.1726	0.1768	0.1816	0.2011	0.2774	0.2840	0.3076	0.3776	0.3473
UTC OF THE WEST-WY	N/A	0.2838	0.2773	0.2689	0.2778	0.3152	0.3432	0.3504	0.4823	0.5384
AVERAGE SCHEDULE CO.	N/A	N/A	N/A	N/A	0.1177	0.1237	0.1286	0.1368	0.3010	0.3438

\* EFFECTIVE 7/89, UTC OF ARKANSAS AND IOWA UNDER NEW OWNERSHIP, DOING BUSINESS AS CONTEL SYSTEM



TABLE 4.21 A  
1987 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
250293	87	GTE SOUTH INC. - AL	92,098	112,320	204,418	1,922	772	2,694
255181	87	SO CENTRAL BELL-AL	897,625	1,286,763	2,184,388	48,390	120,456	168,846
455101	87	MOUNTAIN BELL - AZ	1,659,646	1,916,828	3,576,475	104,816	130,177	234,993
402080	87	GTE SOUTHWEST INC-AR	39,943	51,260	91,203	0	44	44
405211	87	SOUTHWESTERN BELL-AR	470,902	684,002	1,154,904	11,997	88,566	100,563
401728	87	UTC OF ARKANSAS	11,203	14,116	25,320	12	26	38
542302	87	CONTEL OF CALIFORNIA	119,686	126,572	246,259	4,617	4,342	8,959
542319	87	GTC OF CALIFORNIA	1,594,200	1,611,576	3,205,777	26,115	58,518	84,633
545170	87	PACIFIC BELL	6,395,657	7,755,600	14,151,258	132,615	621,673	754,288
542344	87	WEST COAST TEL OF CA	5,331	5,836	11,168	68	84	152
465102	87	MOUNTAIN BELL-CO	1,729,503	1,999,066	3,728,570	177,749	174,974	352,724
135200	87	SOUTHERN NEW ENGLAND	1,573,434	2,025,030	3,598,465	153,240	362,482	515,722
565010	87	DIAMOND STATE TEL	452,321	535,700	988,021	4,603	2,041	6,644
575020	87	C & P TEL CO OF WASHINGTON DC	717,115	1,100,534	1,817,649	48,099	53,816	101,915
210340	87	CENDEL OF FLORIDA	178,948	231,820	410,768	33,044	34,453	67,497
210328	87	GTE FLORIDA INC.	1,210,741	1,546,220	2,756,961	70,940	70,733	141,673
215191	87	SOUTHERN BELL-FL	3,860,532	4,612,608	8,473,140	150,401	194,157	344,557
210341	87	UTC OF FLORIDA	660,449	809,561	1,470,010	87,150	148,959	236,109
220479	87	GTE SOUTH INC. - GA	90,746	131,613	222,359	3,017	157	3,173
225192	87	SOUTHERN BELL-GA	2,233,007	2,927,762	5,160,770	54,663	123,635	178,297
623100	87	GTE HAWAIIAN TEL. CO	383,687	424,920	808,607	40,123	36,263	76,387
472416	87	GTE NORTHWEST INC-ID	79,873	99,834	179,707	2,912	5,365	8,277
475103	87	MOUNTAIN BELL-ID	278,019	357,627	635,646	15,890	35,760	51,649
475162	87	PACIFIC NW BELL-ID	17,128	22,608	39,736	161	760	921
340985	87	CENDEL OF ILLINOIS	118,872	149,992	268,864	2,584	5,544	8,128
341015	87	GTE NORTH INC. - IL	293,559	360,526	654,085	17,329	9,643	26,972
345070	87	ILLINOIS BELL TEL CO	3,525,486	4,642,551	8,168,037	67,909	196,122	264,030
320772	87	GTE NORTH INC. - IN	393,265	483,498	876,763	62,093	27,544	89,637
325080	87	INDIANA BELL TEL CO	1,018,465	1,449,384	2,467,849	39,899	128,096	167,995
320832	87	UTC OF INDIANA	95,073	119,635	214,709	1,230	925	2,156
351186	87	GTE NORTH INC. - IA	52,197	69,237	121,434	150	62	212
355141	87	NORTHWESTERN BELL-IA	608,259	872,957	1,481,216	100,082	174,442	274,524
351317	87	UTC OF IOWA	34,306	43,235	77,541	108	261	369
415214	87	SOUTHWESTERN BELL-KS	752,015	983,057	1,735,072	28,653	92,990	121,644
411842	87	UTC OF KANSAS	38,434	48,444	86,878	66	147	213
265061	87	CINCINNATI BELL-KY	73,565	92,976	166,541	347	1,267	1,614
260407	87	GTE SOUTH INC. - KY	198,625	277,905	476,531	5,018	5,750	10,768
265182	87	SO CENTRAL BELL-KY	569,012	782,900	1,351,912	25,829	79,245	105,074
275183	87	SO CENTRAL BELL-LA	1,141,664	1,535,143	2,676,807	61,283	126,973	188,256
105111	87	NEW ENGLAND TEL-ME	340,002	467,836	807,838	3,357	42,143	45,500
185030	87	C & P TEL CO OF MD	2,065,489	2,371,941	4,437,430	82,488	194,699	277,187
115112	87	NEW ENGLAND TEL-MA	2,768,628	3,481,309	6,249,937	90,519	246,246	336,765
310695	87	GTE NORTH INC. - MI	228,370	244,506	472,876	7,793	8,512	16,305
315090	87	MICHIGAN BELL TEL CO	2,026,883	2,756,611	4,783,495	57,105	186,855	243,960
361367	87	CENDEL OF MN	38,010	47,910	85,920	136	285	421
361186	87	GTE NORTH INC. - MN	1,856	1,875	3,731	0	0	0
365142	87	NORTHWESTERN BELL-MN	1,044,667	1,519,740	2,564,407	62,453	146,504	208,957
361456	87	UTC OF MINNESOTA	38,277	48,257	86,533	392	883	1,275
285184	87	SO CENTRAL BELL-MS	691,084	938,216	1,629,300	15,164	80,040	95,204
421186	87	GTE NORTH INC. - MO	55,905	69,279	125,185	18,279	16,433	34,712
425213	87	SOUTHWESTERN BELL-MO	1,275,348	1,963,558	3,238,905	46,953	122,067	169,020
421957	87	UTC OF MISSOURI	91,923	115,995	207,918	4,755	10,894	15,649
482416	87	GTE NORTHWEST INC-MT	5,637	6,925	12,562	0	3	3
485104	87	MOUNTAIN BELL-MT	233,291	300,178	533,468	11,975	28,293	40,267
371186	87	GTE NORTH INC. - NE	21,215	28,465	49,680	280	13	293
371568	87	LINCOLN TEL & TEL CO	127,959	164,593	292,552	466	11,377	11,843
375143	87	NORTHWESTERN BELL-NE	317,057	501,579	818,636	23,219	61,700	84,918
371595	87	UTC OF THE WEST-NE	18,845	23,748	42,593	133	306	439
552348	87	CENDEL OF NV	517,520	504,104	1,021,625	209	501	710
555173	87	NEVADA BELL	228,094	263,239	491,333	14,906	14,175	29,081
125113	87	NEW ENGLAND TEL-NH	623,710	805,187	1,428,896	7,585	48,767	56,353
165120	87	NEW JERSEY BELL	5,288,987	5,905,759	11,194,746	66,308	210,349	276,657
160138	87	UNITED TEL - NJ, INC	61,329	77,085	138,414	729	1,832	2,561
492080	87	GTE SOUTHWEST INC-NM	37,455	38,114	75,569	0	230	230
495105	87	MOUNTAIN BELL-NM	507,601	607,567	1,115,168	21,943	95,493	117,436
150096	87	CONTEL OF NY, INC	93,124	125,983	219,107	1,828	21,257	23,085
155130	87	NEW YORK TEL CO	7,698,704	8,823,310	16,522,015	369,451	1,053,723	1,423,174
150121	87	ROCHESTER TEL CORP	240,031	329,786	569,817	29,698	36,607	66,305

TABLE 4.21 A  
1987 COST COMPANIES NETWORK USAGE DATA  
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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
230470	87	CAROLINA TEL & TEL	507,417	617,443	1,124,860	16,433	83,190	99,624
230471	87	CENTEL OF NC	84,717	106,876	191,593	3,676	8,904	12,580
230479	87	GTE SOUTH INC - NC	111,461	133,915	245,376	359	764	1,123
235193	87	SOUTHERN BELL-NC	1,060,684	1,538,342	2,599,025	51,529	145,387	196,916
385144	87	NORTHWESTERN BELL-ND	194,779	258,075	452,854	4,597	35,680	40,278
300630	87	CENTEL OF OHIO	27,995	35,292	63,287	5,014	11,081	16,095
305062	87	CINCINNATI BELL-OH	382,241	615,499	997,740	29,874	44,903	74,776
300615	87	GTE NORTH INC. - OH	313,500	358,980	672,480	9,963	6,054	16,018
305150	87	OHIO BELL TEL CO	1,829,026	2,630,165	4,459,191	99,036	211,252	310,289
300661	87	UTC OF OHIO	212,628	308,263	520,891	11,836	34,268	46,104
432080	87	GTE SOUTHWEST INC-OK	61,891	79,384	141,274	44	75	119
435215	87	SOUTHWESTERN BELL-OK	905,339	1,185,987	2,091,326	43,171	101,348	144,519
532416	87	GTE NORTHWEST INC-OR	180,315	234,796	415,111	13,373	6,664	20,037
535163	87	PACIFIC NW BELL-OR	688,276	994,972	1,683,248	24,501	79,637	104,139
532400	87	UTC OF THE NW - OR	27,617	34,795	62,411	238	572	809
175000	87	BELL OF PENNSYLVANIA	3,547,191	4,387,238	7,934,429	43,226	179,603	222,829
170169	87	GTE NORTH INC. - PA	248,993	279,897	528,890	22,061	11,603	33,664
170209	87	UTC OF PENNSYLVANIA	135,893	181,036	316,929	5,607	4,370	9,977
633201	87	PUERTO RICO TEL CO	301,002	389,217	690,218	2,122	52,748	54,870
585114	87	NEW ENGLAND TEL - RI	462,708	596,840	1,059,549	17,860	39,848	57,708
240479	87	GTE SOUTH INC. - SC	110,056	104,868	214,924	3,489	2,032	5,521
245194	87	SOUTHERN BELL-SC	754,116	1,107,948	1,862,064	38,842	108,059	146,901
240506	87	UTC OF THE CAROLINAS	47,723	60,151	107,874	3,302	7,815	11,117
395145	87	NORTHWESTERN BELL-SD	177,929	245,351	423,280	18,215	47,462	65,677
290479	87	GTE SOUTH INC. - TN	24,225	37,166	61,391	33	216	249
295185	87	SO. CENTRAL BELL - TN	1,358,029	1,830,276	3,188,305	71,093	129,574	200,667
290567	87	UNITED INTER-MT-TN	98,059	167,086	265,145	13,184	14,827	28,011
442114	87	CENTEL OF TEXAS	79,312	99,907	179,218	1,550	3,127	4,677
442154	87	CONTEL OF TEXAS	56,642	65,168	121,810	2,718	2,945	5,663
442080	87	GTE SOUTHWEST INC-TX	596,126	708,230	1,304,357	7,838	16,758	24,596
445216	87	SOUTHWESTERN BELL-TX	4,062,835	5,167,859	9,230,695	251,237	272,469	523,706
442084	87	UTC OF TEXAS INC	26,268	33,114	59,382	1,169	2,902	4,071
505107	87	MOUNTAIN BELL-UT	518,359	720,411	1,238,771	67,734	69,988	137,722
145115	87	NEW ENGLAND TEL-VT	234,145	306,785	540,930	5,718	32,930	38,648
190254	87	CENTEL OF VIRGINIA	134,868	170,262	305,130	12,845	29,536	42,381
195040	87	C & P TEL CO OF VA	2,273,926	2,480,881	4,754,808	20,657	78,437	99,094
190233	87	CONTEL OF VIRGINIA	285,053	291,413	576,466	3,391	6,523	9,914
190479	87	GTE SOUTH INC. - VA	20,947	29,664	50,611	4	1	6
190567	87	UNITED INTER-MT-VA	47,327	67,878	115,205	929	941	1,870
522416	87	GTE NORTHWEST INC-WA	294,027	336,825	630,852	21,225	9,965	31,190
525161	87	PACIFIC NW BELL-WA	1,155,691	1,628,551	2,784,242	33,633	94,024	127,657
522400	87	UTC OF THE NW-WA	31,255	39,370	70,625	247	581	828
205050	87	C & P TEL CO OF WV	446,548	574,370	1,020,918	7,135	58,329	65,464
200479	87	GTE SOUTH INC. - WV	61,119	77,670	138,789	2,882	421	3,304
330886	87	GTE NORTH INC. - WI	149,996	186,706	336,702	4,808	1,774	6,581
335220	87	WISCONSIN BELL	919,074	1,430,036	2,349,110	20,696	115,284	135,980
515108	87	MOUNTAIN BELL-WY	248,307	269,483	517,791	8,464	32,096	40,560
511595	87	UTC OF THE WEST-WY	5,517	6,951	12,468	5	14	19
TOTAL TIER 1 COMPANIES (116 STUDY AREAS)			85,852,748	108,045,267	193,898,015	3,550,810	7,954,392	11,505,202
250284	87	BUTLER TEL CO	2,284	2,876	5,160	0	0	0
250281	87	CONTEL OF THE SOUTH	46,066	58,047	104,113	454	1,015	1,469
250295	*	GRACEBA TOTAL COMM	1,944	2,452	4,396	0	0	0
250297	87	GROVE HILL TEL CORP	583	734	1,316	0	0	0
250298	87	GULF TEL CO - AL	16,274	20,383	36,657	0	0	0
250300	87	HOPPER TEL. CO INC	625	788	1,413	0	0	0
250304	87	MILLRY TEL CO	2,585	3,255	5,840	0	0	0
250306	87	MONROEVILLE TEL CO	6,626	8,343	14,968	0	0	0
250314	87	PEOPLES TEL CO	5,168	6,513	11,681	0	0	0
250315	*	PINE BELT TEL CO	669	840	1,509	0	0	0
250316	87	RAGLAND TEL CO	292	367	659	0	0	0
250318	87	SOUTHLAND TEL CO-AL	6,046	7,623	13,669	36	77	114
613000	87	ANCHORAGE TEL UTIL	96,289	121,545	217,833	11,726	24,900	36,626
613001	87	ARCTIC SLOPE TEL	1,863	2,351	4,214	0	0	0
613003	87	BRISTOL BAY TEL COOP	607	747	1,354	0	0	0
613004	87	BUSH-TELL INC.	142	179	322	0	0	0
613006	87	COPPER VALLEY TEL	1,992	2,507	4,499	0	0	0

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
613007	87	CORDOVA TEL COOP	1,211	1,523	2,734	0	0	0
613008	87	FAIRBANKS MUNICIPAL	24,811	31,335	56,146	0	0	0
613010	87	GLACIER STATE TEL CO	24,324	30,666	54,990	0	0	0
613009	87	GTE ALASKA INC.	8,528	10,729	19,257	0	0	0
613011	87	INTERIOR TEL CO INC	2,175	2,735	4,910	0	0	0
613012	87	JUNEAU & DOUGLAS TEL	12,087	15,265	27,352	0	0	0
613013	87	KETCHIKAN PUBLIC UT	6,413	8,060	14,473	0	0	0
613015	87	MATANUSKA TEL ASSOC	20,033	25,178	45,211	2,782	5,979	8,761
613016	87	MUKLUK TEL CO INC	363	459	822	0	0	0
613018	87	NUSHAGAK TEL COOP	736	922	1,658	0	0	0
613019	87	OTZ TEL COOPERATIVE	649	818	1,467	0	0	0
613020	87	SITKA TELEPHONE CO	6,753	8,505	15,258	0	0	0
613022	87	TEL UTIL OF ALASKA	2,501	3,156	5,657	0	0	0
613023	87	UNITED UTILITIES INC	834	1,053	1,886	0	0	0
613025	87	YUKON TEL CO INC	156	196	352	0	0	0
452171	87	ARIZONA TELEPHONE CO	1,127	1,419	2,546	0	0	0
452172	87	CITIZENS UTILITIES	47,018	59,246	106,264	566	1,266	1,832
452302	87	CONTEL CALIF - AZ	5,696	5,719	11,415	0	23	23
452177	87	CONTEL OF WEST-AZ	14,408	18,155	32,563	348	803	1,151
452275	87	NAVAJO COMMUN-AZ	8,269	10,430	18,699	0	0	0
452175	87	UNIVERSAL TEL OF SW	522	657	1,178	0	0	0
452176	87	VALLEY TEL COOP-AZ	1,235	1,553	2,789	0	0	0
401691	87	ALLTEL ARKANSAS INC	37,978	47,880	85,859	40	98	138
401692	87	ARKANSAS TEL CO	3,216	4,056	7,272	0	0	0
401697	87	CENTRAL ARKANSAS TEL	992	1,248	2,240	18	44	63
401705	87	CENTURY OF ARKANSAS	6,468	8,139	14,607	5	13	19
401698	87	CLEVELAND COUNTY TEL	806	1,015	1,821	0	0	0
401730	87	CONTEL OF ARKANSAS	39,802	50,278	90,081	234	526	760
401699	87	DECATUR TEL CO INC	588	742	1,330	0	0	0
401722	*	E RITTER TEL CO	2,929	3,690	6,620	0	0	0
401709	87	MADISON COUNTY TEL	1,391	1,752	3,143	0	0	0
401711	87	MOUNTAIN HOME TEL	12,163	15,362	27,525	88	196	284
401713	87	NORTH ARKANSAS TEL	3,546	4,468	8,014	0	0	0
401720	87	REDFIELD TEL CO	604	759	1,363	0	1	1
401702	87	SOUTH ARKANSAS TEL	1,150	1,453	2,603	0	0	0
401724	*	SW ARKANSAS TEL COOP	2,981	3,749	6,730	45	99	144
401726	87	TRI-COUNTY TEL CO-AR	2,277	2,863	5,140	103	247	350
401727	87	UNION TEL CO INC	838	1,055	1,893	0	0	0
401729	87	WALNUT HILL TEL CO	2,621	3,298	5,920	0	0	0
401733	87	YELCOT TEL CO INC	1,976	2,490	4,466	0	0	0
401734	87	YELL COUNTY TEL CO	1,683	2,118	3,800	44	101	145
542304	87	C P NATIONAL CORP-CA	3,980	5,015	8,996	0	0	0
542301	87	CALAVERAS TEL CO	364	460	824	0	0	0
542311	87	CALIF-OREGON TEL CO	1,432	1,805	3,237	0	0	0
542306	*	CAPAY VALLEY TEL SYS	144	182	326	0	0	0
542308	87	CITIZENS UTIL OF CA	20,618	25,980	46,598	48	121	169
542313	87	DUCOR TELEPHONE CO	150	189	338	0	0	0
542315	87	EVANS TEL CO.	1,628	2,054	3,682	0	0	0
542318	87	FORESTHILL TEL CO.	462	582	1,044	0	0	0
542321	87	HAPPY VALLEY TEL CO	977	1,231	2,208	0	0	0
542322	87	HORNITOS TEL CO	314	396	710	0	0	0
542324	87	KERNAN TELEPHONE CO	1,164	1,467	2,631	9	21	30
542346	+	PINNACLES TEL CO	43	55	98	0	0	0
542332	87	PONDEROSA TEL CO	1,303	1,644	2,947	0	0	0
542334	87	ROSEVILLE TEL CO	24,210	30,517	54,727	1,514	3,517	5,031
542338	87	SIERRA TELEPHONE CO	4,108	5,175	9,283	37	89	127
542339	87	SISKIYOU TEL CO	2,092	2,657	4,750	3	7	10
542342	87	TUOLUMNE TEL CO	1,228	1,549	2,778	0	0	0
542343	87	VOLCANO TEL CO	1,972	2,487	4,459	8	18	26
462192	87	BIG SANDY TELCOMM	337	423	760	0	0	0
462181	87	BIJOU TEL COOP ASSOC	472	594	1,066	0	0	0
462182	87	BLANCA TEL CO	358	451	808	0	0	0
462204	87	COLUMBINE TEL CO	390	492	882	0	0	0
462184	87	DELTA COUNTY TEL CO	3,414	4,304	7,718	45	113	157
462185	87	EAGLE TELECOMMUN INC	4,323	5,438	9,760	36	71	107
462186	87	EASTERN SLOPE RURAL	2,114	2,660	4,774	0	0	0
462187	87	EL PASO COUNTY TEL	1,190	1,501	2,691	0	0	0
462188	87	FARMERS TEL CO - CO	232	292	525	0	0	0

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
462190	87	HAXTUN TEL CO	638	803	1,441	0	0	0
462193	87	NUCLA-NATURITA TEL	1,149	1,442	2,591	0	0	0
462194	87	NUNN TEL CO	138	173	311	0	0	0
462196	87	PEETZ COOP TEL CO	173	218	392	0	0	0
462197	*	PHILLIPS COUNTY TEL	1,080	1,360	2,440	1	3	5
462199	87	PLAINS COOP TEL ASSN	713	897	1,610	0	0	0
462203	87	RYE TELEPHONE CO	915	1,153	2,067	78	211	289
462207	87	STRASBURG TEL CO	474	597	1,071	0	0	0
461835	87	SUNFLOWER TEL - CO	279	351	630	0	0	0
462208	87	UNIVERSAL TEL CO -CO	3,362	4,230	7,593	0	0	0
462209	87	WIGGINS TEL ASSOC	557	701	1,257	0	0	0
210336	87	ALLTEL FLORIDA INC.	25,517	32,124	57,642	93	235	328
210291	87	FLORALA TEL CO	1,955	2,467	4,422	0	0	0
210329	87	GULF TEL CO	3,737	4,709	8,446	176	356	531
210331	87	INDIANTOWN SYSTEM	1,246	1,571	2,817	351	798	1,149
210335	87	NORTHEAST FLORIDA	2,262	2,847	5,109	80	182	262
210338	87	QUINCY TEL CO-FL DIV	4,343	5,477	9,820	0	0	0
210339	87	SAINT JOSEPH TEL & TEL	12,506	15,750	28,256	327	747	1,074
210318	87	SOUTHLAND TEL-FL	1,779	2,241	4,020	157	380	537
210330	87	VISTA-UNITED TELCOM	11,252	14,185	25,437	5,757	12,769	18,526
220344	87	ALMA TEL CO	2,063	2,597	4,660	2	5	7
220347	87	BRANTLEY TEL CO	1,242	1,564	2,806	0	0	0
220351	87	CAMDEN TEL & TEL CO	12,128	15,295	27,424	109	274	384
220355	87	CITIZENS TEL CO - GA	1,621	2,041	3,662	0	0	0
220356	87	COASTAL UTILITIES	19,825	24,990	44,814	0	0	0
220281	87	CONTEL OF SOUTH - GA	24,350	30,681	55,031	1,066	2,404	3,471
220358	87	DARIEN TEL CO	1,774	2,235	4,009	0	0	0
220360	87	ELLIJAY TEL CO	2,165	2,726	4,891	0	0	0
220371	87	INTERSTATE TEL CO	5,748	7,268	13,016	0	0	0
220377	87	PINELAND TEL COOP	3,025	3,815	6,840	0	0	0
220379	87	PLANT TEL. CO.	2,595	3,267	5,863	0	0	0
220381	87	PUBLIC SERVICE TEL	2,666	3,354	6,021	6	14	20
220338	87	QUINCY TEL CO-GA DIV	575	726	1,301	0	0	0
220386	87	STANDARD TEL CO	16,957	21,368	38,325	50	120	171
220324	87	VALLEY TEL CO - GA	2,418	3,057	5,476	0	0	0
220392	87	WAVERLY HALL TEL CO	736	928	1,664	0	0	0
220394	87	WILKES TEL & ELC CO	3,205	4,037	7,242	0	0	0
472213	87	ALBION TEL CO INC	750	946	1,696	0	0	0
472215	87	CAMBRIDGE TEL CO	461	580	1,041	0	0	0
472225	87	CENTURY TEL OF IDAHO	2,409	3,036	5,444	1	4	5
472177	87	CONTEL OF WEST-ID	7,600	9,575	17,174	10	25	35
472218	87	CUSTER TEL COOP	1,310	1,651	2,962	0	0	0
472223	87	GEM STATE UTIL-ID	697	878	1,575	0	1	1
472423	87	INLAND TEL-ID	211	266	477	0	0	0
472226	87	MIDVALE TEL EXCH INC	154	195	349	0	0	0
472231	87	PROJECT MUTUAL TEL	3,369	4,244	7,613	0	0	0
472232	87	ROCKLAND TEL CO INC	169	212	381	0	0	0
472233	87	RURAL TEL CO - ID	79	99	178	0	0	0
472295	87	SILVER STAR TEL- ID	179	226	405	0	0	0
472234	87	TROY TELEPHONE CO	562	708	1,270	0	0	0
341000	87	ALLTEL ILLINOIS INC.	26,442	33,215	59,656	48	116	165
341009	*	C - R TEL CO	303	382	685	0	1	1
341036	87	CONTEL OF ILLINOIS	98,510	124,106	222,616	1,428	3,095	4,523
341003	*	EGYPTIAN COOP ASSN	978	1,231	2,209	1	2	2
341004	87	EL PASO TEL CO	746	941	1,687	3	6	9
341023	87	GRIDLEY TEL CO	641	808	1,450	3	7	10
341037	87	IL CONSOLIDATED TEL	31,705	39,947	71,652	6,066	14,040	20,106
341038	87	INLAND TEL CO	1,670	2,104	3,774	0	0	0
341011	87	LAKESIDE TEL CO	299	376	675	0	0	0
341045	87	LEAF RIVER VLY TEL	211	266	478	0	0	0
341055	87	MIDLAND TEL CO	1,401	1,763	3,164	0	0	0
341060	87	MOULTRIE INDEPENDENT	186	235	421	0	0	0
341073	87	PRAIRIE TEL CO	352	443	795	0	0	0
320753	87	CLAY CTY RURAL COOP	2,103	2,649	4,752	0	0	0
320779	87	CONTEL OF INDIANA	69,183	87,209	156,392	2,091	4,842	6,933
320762	87	ELNORA TEL CO	144	181	324	0	0	0
320778	87	HOME TEL CO INC	591	743	1,334	0	0	0
320797	87	NEW PARIS TEL INC	895	1,128	2,022	0	0	0

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320800	87	NORTHWESTERN INDIANA	5,493	6,922	12,415	0	0	0
320807	*	PERRY-SPENCER RURAL	1,422	1,795	3,217	0	0	0
320813	*	PULASKI-WHITE RURAL	522	657	1,179	0	0	0
320830	*	TRI-COUNTY TEL CO	1,153	1,451	2,604	4	10	14
320839	*	YEOMAN TEL CO, INC	317	399	716	0	0	0
351346	87	ACE TEL ASSN-IA	1,490	1,878	3,368	0	0	0
351105	87	AYRSHIRE FARMERS MUT	164	206	370	0	0	0
351110	87	BERNARD TEL CO INC	196	248	444	0	0	0
351113	*	BROOKLYN MUTUAL TEL	482	606	1,089	0	0	0
351207	87	CONTEL OF IOWA, INC.	33,999	42,851	76,850	0	0	0
351153	*	DUNKERTON TEL COOP	292	367	660	0	0	0
351888	87	GRAND RIVER MUT-IA	3,910	4,924	8,834	0	0	0
351214	*	KALONA COOP TEL CO	861	1,082	1,943	0	0	0
351229	87	LOST NATION-ELWOOD	248	313	561	0	0	0
351316	87	UNITED FARMERS TEL	331	417	747	0	0	0
351327	87	WEBB-DICKENS TEL	211	265	476	0	0	0
351329	*	WELLMAN COOP TEL	463	584	1,047	0	0	0
411741	87	ASSARIA TEL EXCHANGE	163	206	369	0	0	0
411746	87	BLUE VALLEY TEL CO	1,145	1,443	2,588	0	0	0
411790	87	CONTEL OF KANSAS	24,212	30,520	54,732	34	67	101
411818	87	CRAW-KAN TEL COOP	6,340	7,982	14,322	0	0	0
411761	87	CUNNINGHAM TEL CO	543	685	1,228	0	0	0
411764	87	ELKHART TEL CO INC	1,474	1,857	3,330	0	0	0
411777	*	GOLDEN BELT TEL ASSN	1,559	1,963	3,522	0	0	0
411781	87	H & B COMMUNICATIONS	479	604	1,083	0	0	0
411780	*	HAVILAND TEL CO	1,429	1,799	3,228	0	0	0
411782	87	HOME TEL CO	603	760	1,363	0	0	0
411785	87	J. B. N. TEL CO INC	1,250	1,573	2,823	0	0	0
411788	87	KANOKLA TEL ASSN-KS	1,212	1,525	2,737	0	0	0
411789	87	KANSAS STATE TEL CO	5,650	7,122	12,772	0	0	0
411801	87	MADISON TEL CO INC	377	476	853	0	0	0
411807	87	MOKAN DIAL INC-KS	1,177	1,481	2,658	45	83	127
411808	87	MOUNDRIDGE TEL CO	878	1,103	1,981	0	0	0
411814	87	PEOPLES MUTUAL TEL	763	960	1,723	0	0	0
411820	*	RAINBOW TEL COOP	843	1,061	1,904	0	0	0
411826	87	RURAL TEL SERVICE CO	2,540	3,196	5,736	0	0	0
411829	*	S & A TEL CO INC	304	382	686	0	0	0
411827	87	S & T TEL COOP ASSN	911	1,146	2,058	0	0	0
411831	87	SOUTH CENTRAL TEL - KS	442	557	999	0	0	0
411833	*	SOUTHERN KANSAS TEL	1,519	1,913	3,432	0	0	0
411835	87	SUNFLOWER TEL CO	2,280	2,866	5,146	0	0	0
412030	87	TOTAH TELEPHONE CO	828	1,043	1,871	0	0	0
411839	*	TRI-COUNTY TEL ASSN	1,261	1,588	2,849	0	0	0
411840	87	TWIN VALLEY TEL INC	798	1,005	1,803	0	0	0
411841	87	UNITED TEL ASSN	2,713	3,419	6,132	0	0	0
411845	*	WAMEGO TEL CO INC	1,743	2,196	3,939	0	0	0
411847	87	WHEAT STATE TEL	781	983	1,763	0	0	0
411849	87	WILSON TEL CO INC	689	867	1,556	0	0	0
411852	87	ZENDA TEL COMPANY	77	97	174	0	0	0
260410	87	CONTEL OF KENTUCKY	34,694	43,726	78,420	111	251	361
270422	87	ATHENS TEL CO	121	152	273	3	5	8
270431	87	CADDOAN TEL CO	4,485	5,654	10,140	48	89	137
270425	87	CAMERON TEL CO - LA	2,561	3,229	5,790	126	233	359
270423	87	CENTRAL LOUISIANA	4,033	5,082	9,115	97	179	276
270440	87	CENTURY TEL CO	591	744	1,335	11	21	32
270436	87	CENTURY TEL NORTH LA	510	643	1,153	7	13	20
270427	*	CHATHAM TEL CO	357	449	806	4	8	12
270424	87	COASTAL TEL & ELECTR	2,470	3,109	5,579	66	121	187
270429	87	EAST ASCENSION TEL	8,540	10,763	19,303	99	236	334
270430	87	ELIZABETH TEL CO	808	1,016	1,824	17	32	49
270434	87	EVANGELINE TEL CO	7,304	9,210	16,514	183	339	522
270433	87	LAFOURCHE TEL CO	3,293	4,146	7,439	423	939	1,363
270442	87	LOUISIANA WESTERN	1,291	1,627	2,918	26	49	75
270435	87	NORTHEAST LOUISIANA	609	767	1,377	0	0	0
270437	87	PLAIN DEALING TEL CO	778	980	1,758	12	23	36
270439	*	RINGGOLD TEL CO	588	740	1,328	0	0	0
270443	87	UTC OF LOUISIANA	1,194	1,504	2,697	15	28	43
100004	87	CHINA TEL CORP	1,217	1,532	2,749	0	0	0

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1987 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

F	Y	C	O	T	T	O	T	T
CODE	EAR	ARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
100014	87	CONTEL OF MAINE	24,980	31,396	56,377	1,059	2,399	3,458
100010	87	HAMPDEN TEL CO	1,044	1,316	2,360	0	0	0
100011	87	HARTLAND & ST ALBANS	1,260	1,587	2,847	0	0	0
100003	87	LINCOLNVILLE TEL CO	719	904	1,624	53	123	176
100024	87	SOMERSET TEL CO	4,965	6,247	11,212	0	0	0
100025	87	STANDISH TEL CO	3,640	4,579	8,219	0	0	0
100027	87	UNION RIVER TEL CO	323	406	728	0	0	0
100029	87	UNITY TEL CO., INC.	1,746	2,202	3,948	0	0	0
100031	87	WARREN TEL CO	719	904	1,622	0	0	0
100034	87	WEST PENOBSCOT TEL	795	1,002	1,796	0	0	0
180216	87	ARMSTRONG TEL OF MD	4,049	5,100	9,149	0	0	0
310704	87	ACE TEL OF MICHIGAN	1,027	1,294	2,321	0	0	0
310681	87	ALLTEL MICHIGAN INC.	19,596	24,702	44,298	11	25	35
310678	*	BLANCHARD TEL ASSN	223	281	503	0	0	0
310679	87	BLOOMINGDALE TEL CO	616	777	1,394	0	0	0
310682	87	C, C & S TELCO - MI	6,771	8,540	15,311	0	0	0
310683	87	CARR TEL CO	296	372	667	0	1	1
310702	87	CENTURY TEL OF MICHIGAN	13,457	16,978	30,435	17	41	58
310685	87	CHATHAM TEL CO - MI	937	1,179	2,116	0	0	0
310680	87	CHIPPEWA COUNTY TEL	253	318	571	0	0	0
310687	87	CLAYTON TEL CO	225	282	507	0	0	0
310713	87	HIAWATHA TEL CO	1,650	2,076	3,726	51	106	157
310699	87	HICKORY TEL CO	659	828	1,487	0	0	0
310711	87	MIDWAY TEL CO	333	420	754	0	0	0
310717	87	ONTONAGON COUNTY TEL	2,078	2,614	4,692	0	0	0
310721	87	PIGEON TEL CO	832	1,049	1,881	0	0	0
310728	87	SPRINGPORT TEL CO	484	610	1,094	0	0	0
310732	87	UPPER PENINSULA TEL	2,021	2,542	4,563	0	0	0
310734	*	WALDRON TEL CO	357	449	806	0	0	0
310735	*	WESTPHALIA TEL CO	94	118	212	0	0	0
310738	87	WOLVERINE TEL CO	2,099	2,643	4,742	0	0	0
361346	87	ACE TEL ASSN-MN	4,503	5,672	10,175	0	0	0
361374	87	ARROWHEAD COMM CORP	148	187	335	0	0	0
361350	87	ARVIG TEL CO	3,159	3,968	7,127	21	49	70
361357	*	BLACKDUCK TEL CO	414	522	936	0	0	0
361362	87	BRIDGEWATER TEL CO	2,244	2,828	5,072	0	0	0
361370	87	CLARA CITY TEL EXCH	409	515	924	0	0	0
361373	*	CONSOLIDATED TEL CO	1,926	2,421	4,346	0	0	0
361140	87	CONTEL OF MINNESOTA	39,997	50,375	90,372	0	0	0
361499	*	CROSSLAKE TEL CO	376	473	849	0	0	0
361379	87	DEER RIVER TEL CO	586	738	1,324	0	0	0
361383	*	EAGLE VALLEY TEL CO	175	221	396	0	0	0
361385	87	EAST OTTER TAIL TEL	5,083	6,402	11,484	4	12	16
361387	*	EMILY COOP TEL CO	289	364	653	0	0	0
361395	87	GARDEN VALLEY TEL CO	6,420	8,087	14,507	5	12	16
361399	*	GRANADA TEL CO	77	97	174	0	0	0
361401	*	HALSTAD TEL CO	1,070	1,347	2,417	0	0	1
361410	87	JOHNSON TEL CO	466	586	1,052	0	0	0
361414	87	LAKEDALE TEL CO	2,441	3,072	5,513	6	18	24
361425	*	MADELIA TEL CO	519	654	1,172	0	0	0
361433	87	MID STATE TEL CO	1,934	2,435	4,368	0	0	0
361442	87	NEW ULM TELECOM, INC	4,045	5,101	9,147	0	0	0
361443	87	NORMAN COUNTY TEL CO	1,886	2,374	4,260	0	0	0
361445	*	NORTHLAND TEL CO	243	305	548	0	0	0
361451	87	PAUL BUNYAN RURAL	2,161	2,720	4,881	0	0	0
361482	*	SHERBURNE CTY RURAL	1,799	2,267	4,067	0	0	0
361483	87	SLEEPY EYE TEL CO	1,541	1,940	3,482	0	0	0
361487	*	STARBUCK TEL CO	340	429	769	0	0	0
361491	+	TWIN VALLEY-ULEN TEL	1,121	1,412	2,533	0	0	0
280446	87	BAY SPRINGS TEL CO	4,748	5,985	10,733	0	0	0
280451	*	DECATUR TEL CO -MS	507	639	1,146	0	0	0
280452	87	DELTA TEL CO	1,302	1,640	2,942	0	0	0
280454	87	FRANKLIN TEL CO - MS	2,853	3,591	6,444	3	6	9
280458	87	HOME TEL CO-OLIVE BR	7,761	9,774	17,535	35	65	101
280459	87	HUGHES TEL CO	2,166	2,725	4,891	0	0	1
280464	87	NOXAPATER TEL CO	255	321	575	0	0	0
280466	*	SLEDGE TEL CO	233	294	527	0	0	0
280461	87	SOUTHEAST MS TEL CO	865	1,089	1,954	0	0	0

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ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
421885	87	ALLTEL MISSOURI	10,991	13,850	24,841	0	1	1
421859	87	BOURBEUSE TEL	504	636	1,140	4	7	11
421865	87	CITIZENS TEL CO - MO	1,304	1,640	2,945	0	0	0
421922	87	CONTEL OF MISSOURI	82,767	104,291	187,058	243	558	801
421846	87	CONTINENTAL SYS. -MO	20,687	26,057	46,744	119	231	349
421873	87	EASTERN MISSOURI TEL	787	990	1,777	0	0	0
421882	87	FIDELITY TEL CO	3,457	4,357	7,815	28	52	79
421886	87	GOODMAN TEL CO	996	1,254	2,251	0	0	0
421888	87	GRAND RIVER MUT-MO	5,378	6,769	12,148	0	0	0
421929	87	HOLWAY TEL CO	228	288	517	0	0	0
421901	87	KINGDOM TELEPHONE CO	1,459	1,834	3,293	0	0	0
421932	87	LATHROP TEL COMPANY	472	596	1,069	8	17	25
421908	87	LE-RU TELEPHONE CO	841	1,062	1,903	0	0	0
421917	*	MID-MISSOURI TEL CO	1,052	1,325	2,377	0	0	0
421920	*	MILLER TEL CO - MO	356	448	804	0	0	0
421904	87	MISSOURI TEL CO	6,508	8,208	14,716	0	0	0
421807	87	MOKAN DIAL INC-MO	377	475	852	1	1	2
421931	87	NE MISSOURI RURAL	1,685	2,122	3,807	0	0	0
421934	87	ORCHARD FARM TEL CO	194	244	437	0	0	0
421945	*	SENECA TEL CO	1,495	1,883	3,377	0	0	0
421951	87	STOUTLAND TEL CO	401	504	905	0	0	0
421963	87	WEBSTER COUNTY TEL	1,856	2,337	4,193	24	50	74
421964	*	WHEELING TEL CO	130	164	294	0	0	0
482235	87	BLACKFOOT TEL COOP	3,585	4,513	8,099	1	3	4
482242	87	INTERBEL TEL COOP	740	932	1,672	0	0	0
482244	87	LINCOLN TEL CO INC	370	466	836	0	0	0
482246	87	MID-RIVERS TEL COOP	3,380	4,249	7,629	0	0	0
482247	87	NEMONT TEL COOP-MT	1,494	1,883	3,377	0	0	0
482248	87	NORTHERN TEL COOP	1,061	1,337	2,398	0	0	0
482249	87	NW TEL SYSTEMS, INC.	28,654	36,074	64,728	1,986	4,699	6,685
482250	87	PROJECT TEL CO	1,654	2,084	3,738	0	0	0
482251	87	RANGE TEL COOP-MT	2,060	2,593	4,653	0	0	0
482254	87	SOUTHERN MONTANA TEL	544	685	1,230	0	0	0
482255	87	THREE-RIVERS TEL COOP	4,411	5,555	9,966	0	0	0
482257	87	TRIANGLE TEL COOP	4,185	5,272	9,458	0	0	0
482258	87	VALLEY RURAL TEL	336	423	758	0	0	0
371516	87	ARAPAHOE TEL CO	442	557	999	0	0	0
371517	87	ARLINGTON TEL CO	539	677	1,216	0	0	0
372455	87	BENKELMAN TEL CO	793	996	1,789	0	0	0
371524	87	BLAIR TEL CO	5,031	6,330	11,360	0	0	0
371531	*	CLARKS TEL CO	324	407	731	0	0	0
371530	*	CONSOLIDATED TELCO	737	927	1,664	1	3	4
371534	87	COZAD TEL CO	1,170	1,473	2,644	0	0	0
371536	87	CURTIS TEL CO	320	403	724	0	0	0
371537	87	DALTON TEL CO, INC	810	1,021	1,832	0	0	0
371540	87	DILLER TEL CO	247	310	557	0	0	0
371542	87	EASTERN NEBRASKA TEL	2,085	2,619	4,704	0	0	0
371553	*	GLENWOOD TEL MEMBER	1,039	1,307	2,346	0	0	0
371577	87	GREAT PLAINS COMMUN	12,763	16,078	28,840	0	0	0
371557	87	HARTMAN TEL EXCH INC	347	437	784	1	3	5
371558	87	HEMINGFORD COOP TEL	474	596	1,070	0	0	0
371561	*	HERSHEY COOP TEL CO	451	568	1,019	0	0	0
371565	*	K & M TEL CO, INC	265	334	599	3	7	11
371567	87	KEYSTONE-ARTHUR TEL	213	268	481	0	0	0
371574	87	NEBRASKA CENTRAL TEL	1,884	2,370	4,254	0	0	0
371576	*	NORTHEAST NEBRASKA	1,770	2,230	4,000	0	0	0
371580	87	PETERSBURG TEL CO	118	149	268	0	0	0
371581	*	PIERCE TEL CO	544	685	1,229	0	0	0
371586	87	ROCK COUNTY TEL CO	559	704	1,262	0	0	0
371587	*	RODEO TEL, INC	1,047	1,319	2,366	0	0	0
371591	87	SE NEBRASKA TEL CO	2,579	3,236	5,815	0	0	0
371592	87	STANTON TEL CO, INC	349	439	788	0	0	0
371525	87	THREE RIVER TELCO	670	843	1,513	0	0	0
371597	87	WAUNETA TEL CO	419	526	945	0	0	0
552304	87	C P NATIONAL-NV	9,531	12,011	21,542	0	0	0
552349	87	CHURCHILL COUNTY TEL	7,769	9,799	17,567	0	0	0
552302	87	CONTEL OF CALIF-NV	24,903	28,420	53,323	4,626	1,971	6,597
552223	87	GEM STATE UTIL-NV	307	387	694	0	0	0

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F	Y	C	O	T	O	T	O	T
CODE	EAR	ARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
552351	87	LINCOLN CTY TEL SYS	1,192	1,503	2,695	4	8	11
552353	87	MOAPA VALLEY TEL CO.	1,582	1,993	3,575	0	0	0
552354	87	NEVADA TEL-TELEGRAPH	3,643	4,590	8,232	0	0	0
552356	87	RIO VIRGIN TEL CO	900	1,134	2,034	5	14	19
552233	87	RURAL TEL CO - NV	142	179	321	0	0	0
120038	87	BRETTON WOODS TEL CO	294	368	662	0	0	0
120041	87	CONTEL OF NH	10,238	12,923	23,162	385	872	1,258
120039	87	GRANITE STATE TEL	5,757	7,253	13,010	0	0	0
120045	87	KEARSARGE TEL CO	5,376	6,777	12,152	0	0	0
120046	87	MERIDEN TEL CO	551	694	1,245	0	0	0
120047	87	MERRIMAK COUNTY TEL	5,038	6,342	11,379	0	0	0
120049	87	UNION TEL CO	3,817	4,818	8,635	0	0	0
120050	87	WILTON TEL CO - NH	2,526	3,184	5,709	0	0	0
160135	87	WARWICK VALLEY-NJ	4,815	6,065	10,880	0	0	0
492259	87	BACA VALLEY TEL CO	446	562	1,008	0	0	0
492177	87	CONTEL OF WEST - NM	16,113	20,301	36,414	72	183	255
492066	87	DELL TEL CO-OP - NM	181	228	408	0	0	0
492262	87	ENMR TEL COOP INC-NM	6,297	7,930	14,227	0	0	0
492263	87	LA JICARITA RURAL	711	895	1,605	0	0	0
492264	87	LEACO RURAL TEL COOP	571	718	1,289	0	0	0
492275	87	NAVAJO COMMUN - NM	3,046	3,843	6,889	0	0	0
492270	87	PENASCO VALLEY TEL	798	1,009	1,807	0	0	0
492272	87	ROOSEVELT CNTY RURAL	1,190	1,496	2,686	0	0	0
492274	87	UNIVERSAL TEL OF SW	2,356	2,964	5,320	0	0	0
492176	87	VALLEY TEL COOP - NM	990	1,243	2,233	0	0	0
492268	87	WESTERN NEW MEXICO	3,026	3,812	6,837	0	0	0
150106	87	ALLTEL NY-FULTON	16,618	20,929	37,547	1,015	2,708	3,723
150109	87	ALLTEL NY-JAMESTOWN	23,514	29,635	53,148	349	929	1,279
150113	87	ALLTEL NY-RED JACKET	684	862	1,546	62	146	207
150071	87	ARMSTRONG TEL CO-NY	1,731	2,181	3,912	0	0	0
150072	87	AU SABLE VALLEY TEL	2,392	3,019	5,411	1	2	3
150073	*	BERKSHIRE TEL CORP	2,284	2,879	5,163	92	187	279
150077	87	CHAMPLAIN TEL CO	3,698	4,657	8,355	527	1,197	1,724
150078	87	CHAUTAUQUA & ERIE	5,422	6,825	12,246	475	1,116	1,591
150079	*	CHAZY & WESTPORT	1,353	1,704	3,056	0	0	0
150081	87	CITIZENS HAMMOND NY	309	388	696	0	0	0
150082	87	CLYMER TEL CO	799	1,008	1,807	32	85	117
150085	87	CROWN POINT TEL CORP	355	446	800	0	1	1
150088	*	DELHI TEL CO	1,474	1,862	3,336	1	2	2
150091	87	DUNKIRK & FREDONIA	2,914	3,676	6,590	562	1,289	1,850
150092	87	EDWARDS TEL CO	598	754	1,352	0	0	0
150093	87	EMPIRE TEL CORP	2,910	3,662	6,572	264	627	890
150097	87	GERMANTOWN TEL CO	965	1,216	2,180	0	0	0
150099	87	HANCOCK TEL CO	801	1,008	1,808	1	2	2
150100	87	HIGHLAND TEL CO	34,384	43,329	77,713	35	97	132
150104	*	MARGARETVILLE TEL CO	965	1,214	2,179	0	0	0
150105	87	MIDDLEBURGH TEL CO	1,979	2,495	4,474	0	0	0
150107	*	NEWPORT TEL CO	824	1,038	1,862	0	0	0
150108	87	NICHOLVILLE TEL CO	590	744	1,334	48	109	156
150110	87	OGDEN TEL CO	6,053	7,631	13,684	0	0	0
150111	*	ONEIDA COUNTY RURAL	1,019	1,284	2,303	81	195	276
150118	*	PORT BYRON TEL CO	732	922	1,653	0	0	0
150119	87	RED HOOK TEL CO	7,503	9,658	17,161	83	1,060	1,143
150122	87	SENECA-GORHAM TEL	2,574	3,246	5,820	0	0	0
150128	87	SYLVAN LAKE TEL CO	6,996	8,815	15,810	12	34	46
150084	87	TACONIC TEL CORP	12,056	15,187	27,243	64	152	216
150133	87	VERNON TEL CO	923	1,163	2,086	76	209	284
150135	87	WARWICK VALLEY-NY	9,455	11,911	21,366	2	4	6
150136	87	WESTERN COUNTIES TEL	11,356	14,249	25,605	7	2,580	2,587
230476	87	ALLTEL CAROLINA-NO	54,219	68,268	122,488	290	670	960
230468	87	ATLANTIC MEMBERSHIP	9,562	12,044	21,606	0	0	0
230469	87	BARNARDSVILLE TEL CO	398	501	900	0	0	0
230473	87	CITIZENS TEL CO	8,170	10,271	18,441	472	1,098	1,570
230474	87	CONCORD TEL CO	28,137	35,464	63,602	3,233	7,412	10,645
230509	87	CONTEL OF NC	54,461	68,586	123,047	1,129	2,546	3,675
230481	87	HEINS TEL CO	10,102	12,729	22,831	47	111	158
230502	87	STAR MEMBERSHIP CORP	4,511	5,671	10,181	0	0	0
230510	87	WILKES MEMBERSHIP	1,848	2,327	4,175	0	0	0



TABLE 4.21 A  
1987 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCD	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
381604	*	BEK TEL MUTUAL AID	1,694	2,134	3,828	0	0	0
381607	87	CONSOLIDATED COOP	2,400	3,025	5,425	0	0	0
381447	87	CONTEL OF N. DAKOTA	4,993	6,294	11,287	0	0	0
381610	*	DAKOTA CENTRAL RURAL	1,168	1,471	2,639	0	0	0
381611	*	DICKEY RURAL COOP	1,525	1,920	3,445	0	0	0
381616	87	INTER-COMMUNITY TEL	611	769	1,380	0	0	0
381617	87	MIDSTATE TEL CO	911	1,148	2,060	0	1	1
381625	*	NORTHWEST COMM COOP	1,744	2,196	3,940	0	0	0
381630	87	POLAR COMM MUT AID	4,971	6,263	11,234	0	0	0
381632	87	RESERVATION TEL COOP	2,440	3,073	5,513	4	11	15
381634	87	SOURIS RIVER TEL MUT	9,581	12,067	21,647	0	0	0
381636	*	UNITED TEL MUTUAL	2,270	2,860	5,131	0	0	0
381637	87	W. RIVER MUTUAL AID	5,153	6,494	11,647	0	0	0
300665	87	ALLTEL OHIO-WEST OH	7,652	9,632	17,285	128	300	428
300682	87	C, C & S TELCO -OHIO	301	379	680	0	0	0
300597	87	CHILLICOTHE TEL	7,891	9,945	17,836	302	688	990
300607	87	CONTEL OF OHIO	626	789	1,415	0	0	0
300613	87	LITTLE MIAMI COMM.	513	646	1,159	0	0	0
300649	*	ORWELL TEL CO	2,181	2,749	4,930	0	0	0
431965	87	ALLTEL OKLAHOMA INC	5,594	7,054	12,648	0	0	0
431974	87	CANADIAN VALLEY TEL	304	383	687	0	0	0
431976	87	CARNEGIE TEL CO INC	576	724	1,299	0	0	0
431977	*	CENTRAL OKLAHOMA TEL	884	1,113	1,997	4	7	11
431979	87	CHEROKEE TEL CO	3,095	3,894	6,989	0	0	0
431980	87	CHICKASAW TEL CO	2,682	3,375	6,057	0	0	0
431981	87	CHOUTEAU TEL CO	911	1,147	2,059	0	0	0
431985	87	CROSS TEL CO	3,470	4,370	7,841	0	0	0
431988	87	DOBSON TEL CO	2,023	2,549	4,572	0	0	0
431994	87	GRAND TEL CO INC	696	879	1,575	0	0	0
431995	87	HINTON TEL CO	1,036	1,308	2,343	67	137	204
431788	87	KANOKLA TEL ASSN-OK	816	1,026	1,842	0	0	0
432006	87	M-CLOUD TEL CO	2,619	3,298	5,917	0	0	0
432010	87	MID-AMERICA TEL INC	819	1,036	1,855	0	0	0
432011	87	OKLAHOMA ALLTEL, INC	7,724	9,737	17,461	4	10	14
431984	87	OKLAHOMA COMM SYSTEM	5,436	6,853	12,289	108	200	308
432013	87	OKLAHOMA TEL & TEL	684	860	1,544	0	0	0
432014	87	OKLAHOMA WESTERN TEL	1,163	1,464	2,627	0	0	0
432016	87	PANHANDLE TEL COOP	5,248	6,620	11,868	9	22	30
432018	87	PIONEER TEL COOP INC	14,282	17,996	32,278	162	323	485
432020	87	POTTAWATOMIE TEL CO	727	917	1,644	0	0	0
432141	*	SANTA ROSA TEL COOP	405	511	917	0	0	0
431831	87	S. CENTRAL TEL - OK	278	349	627	0	0	0
432030	87	TOTAH TELEPHONE CO	1,159	1,460	2,619	0	0	0
432032	87	VALLIANT TEL CO	1,273	1,602	2,875	0	0	0
432034	87	WYANDOTTE TEL CO	423	532	955	0	0	0
532404	87	ASOTIN TEL - OR	87	109	196	0	0	0
532359	87	BEAVER CREEK COOP	2,005	2,523	4,528	0	0	0
532304	87	C P NATIONAL CORP-OR	6,922	8,724	15,646	0	0	0
532362	87	CANBY TEL ASSN	4,505	5,669	10,174	0	0	0
532371	87	CASCADE UTIL INC	4,207	5,300	9,507	8	20	28
532363	87	CLEAR CREEK MUTUAL	1,737	2,188	3,925	0	0	0
532364	87	COLTON TEL CO	506	637	1,143	0	0	0
532449	87	CONTEL OF THE NW- OR	11,194	14,104	25,298	17	43	60
532376	87	HELIX TEL CO.	103	130	233	0	0	0
532377	87	HOME TELEPHONE CO	246	309	555	0	0	0
532456	87	MALHEUR HOME TEL CO	9,040	11,385	20,425	290	640	931
532226	87	MIDVALE TEL EXCH -OR	151	191	342	0	0	0
532383	87	MOLALLA TEL CO.	2,662	3,353	6,015	0	0	0
532385	87	MONROE TELEPHONE CO.	343	432	775	0	0	0
532387	87	NEHALEM TEL & TEL	782	985	1,767	0	0	1
532388	87	NORTH STATE TEL CO.	248	312	559	0	0	0
532389	87	OREGON TEL CORP	871	1,097	1,968	0	0	0
532392	87	PINE TEL SYSTEM INC.	471	592	1,063	0	0	1
532393	87	PIONEER TEL COOP	5,404	6,806	12,210	4	11	15
532375	87	RTI/HALSEY TEL CO	521	656	1,177	0	0	0
532397	87	SCIO MUTUAL TEL ASSN	786	990	1,776	2	4	6
532399	*	STAYTON COOP TEL CO	2,606	3,283	5,889	7	18	25
532361	87	TEL UTIL OF OREGON	22,091	27,836	49,927	27	66	92

TABLE 4.21 A  
1987 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

F CODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
532378	87	TRANS-CASCADES TEL	77	97	175	0	0	0
170189	87	ARMSTRONG TEL CO-PA	776	978	1,754	0	0	0
170170	87	CONTEL OF PA	29,781	37,597	67,378	488	1,067	1,555
170177	87	LACKAWAXEN TEL CO	1,766	2,214	3,980	0	0	0
170192	87	NORTH PENN TEL CO	3,602	4,540	8,142	64	156	220
170194	87	OSWAYO RIVER TEL CO	1,425	1,797	3,222	0	0	0
170201	87	QUAKER STATE TEL CO	21,666	27,279	48,945	113	255	368
170206	87	SUGAR VALLEY TEL CO	203	256	459	0	0	0
170210	*	VENUS TEL CORP	383	483	865	0	0	0
633200	87	PUERTO RICO COMM	33,091	41,664	74,755	0	0	0
240512	87	BLUFFTON TEL. CO.	2,629	3,316	5,945	144	329	473
240526	87	CONTEL OF SC	10,635	13,405	24,040	869	1,960	2,828
240520	87	FARMERS TEL COOP	24,859	31,275	56,135	1,950	4,527	6,477
240523	87	HARGRAY TEL CO	31,056	39,109	70,164	3,245	7,400	10,644
240528	87	HORRY TEL COOP	26,463	33,307	59,770	378	943	1,321
240533	87	MCCLELLANVILLE TEL	825	1,039	1,864	0	0	0
240539	87	POND BRANCH TEL CO	2,713	3,418	6,132	343	910	1,254
240551	87	WILLISTON TEL CO	1,742	2,193	3,935	4	8	11
391645	*	BROOKINGS-LAKE TEL	1,364	1,719	3,083	0	0	0
391647	87	CHEYENNE RIVER SIOUX	1,037	1,306	2,343	0	0	0
391643	87	CONTEL OF S. DAKOTA	4,488	5,649	10,137	148	336	484
391659	87	GOLDEN WEST TELECOMM	7,661	9,639	17,300	23	57	80
391666	87	JEFFERSON TEL CO -SD	556	700	1,255	0	0	0
391667	87	KADOKA TELEPHONE CO	297	374	672	0	0	0
391668	87	KENNEBEC TEL CO	155	196	351	0	0	0
391669	*	MCCOOK COOP TEL CO	332	418	750	0	0	0
391670	*	MIDSTATE TEL COMPANY	1,216	1,535	2,751	1	3	5
391676	*	SANBORN TEL COOP	988	1,245	2,233	1	3	4
391680	*	SULLY BUTTES TEL	2,187	2,757	4,944	1	2	2
391689	87	WEST RIVER COOP	1,004	1,265	2,269	1	2	3
290552	87	ADAMSVILLE TEL CO	2,426	3,055	5,481	128	282	411
290571	87	MILLINGTON TEL CO	18,963	23,918	42,880	0	0	0
290575	87	TENNESSEE TEL CO	17,966	22,618	40,584	828	1,783	2,611
290579	87	TWIN LAKES TEL COOP	7,548	9,509	17,058	0	0	0
442121	87	ALLTEL TEXAS INC	882	1,113	1,995	1	2	2
442039	87	BIG BEND TEL CO INC	1,072	1,351	2,423	0	0	0
442040	87	BRAZORIA TEL CO	1,111	1,399	2,510	0	0	0
442041	87	BRAZOS TEL COOP INC	217	273	490	0	0	0
440425	87	CAMERON TEL CO TEXAS	215	270	485	0	0	0
442046	87	CAP ROCK TEL CO INC	443	557	1,000	0	0	0
442052	87	CENTRAL TEXAS CO-OP	667	839	1,506	0	0	0
442057	*	COLEMAN COUNTY CO-OP	354	445	799	0	0	0
442059	87	COLORADO VALLEY TEL	1,052	1,326	2,378	285	605	890
442060	*	COMANCHE COUNTY TEL	854	1,076	1,929	0	0	0
442066	87	DELL TEL. CO-OP - TX	399	503	902	0	0	0
442262	87	E N M R TEL COOP-TX	297	373	670	0	0	0
442068	87	EASTEX TEL COOP INC	5,980	7,533	13,513	0	0	0
442070	87	ETEX TEL COOP INC	2,456	3,095	5,552	0	0	0
442071	87	FIVE AREA TEL CO-OP	597	752	1,349	0	0	0
442072	87	FORT BEND TEL CO	4,659	5,853	10,512	0	0	0
442076	87	GANADO TELEPHONE CO	181	227	408	0	0	0
442083	87	GUADALUPE VALLEY TEL	5,407	6,805	12,212	0	0	0
442086	87	HILL COUNTRY CO-OP	2,406	3,031	5,437	29	71	100
442093	87	INDUSTRY TEL CO	217	273	489	0	0	0
442097	87	KERRVILLE TEL CO	5,370	6,759	12,128	253	622	874
442103	87	LA WARD TEL EXCHANGE	151	190	341	0	0	0
442101	87	LAKE DALLAS TEL CO	2,640	3,326	5,966	0	0	0
442104	87	LAKE LIVINGSTON TEL	178	225	403	0	0	0
442109	87	LUFKIN-CONROE TEL EX	21,379	26,949	48,328	1,378	3,181	4,558
442112	87	MID-PLAINS RURAL TEL	685	864	1,549	0	0	0
442116	87	MUENSTER TEL CORP-TX	509	642	1,151	0	0	0
442117	87	MUSTANG TEL CO	1,150	1,447	2,597	17	39	55
442129	87	PEEPLS TELEPHONE CO	162	204	367	2	3	5
442130	87	PEOPLES TEL COOP -TX	1,577	1,986	3,563	0	0	0
442131	87	POKA-LAMBRO TEL COOP	733	924	1,657	0	0	0
442134	87	RIVIERA TEL CO INC	241	303	543	0	0	0
442136	87	ROMAIN TELEPHONE CO	396	496	892	0	0	0
442141	*	SANTA ROSA TEL COOP	325	409	733	0	0	0

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ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
442143	*	SOUTH PLAINS TEL	963	1,213	2,176	24	50	73
442135	87	SOUTHWEST TEXAS TEL	472	595	1,067	0	0	0
442147	87	SUGAR LAND TEL CO	17,549	22,123	39,672	912	1,765	2,676
442148	87	SWEENEY-OLD OCEAN	710	894	1,604	12	24	36
442151	87	TAYLOR TEL CO-OP INC	1,082	1,362	2,444	35	77	113
442153	87	TEXAS-MIDLAND TEL	2,980	3,757	6,737	0	0	0
442155	87	TRI - COUNTY TEL - TX	119	150	269	0	0	0
442156	87	TRINITY VALLEY TEL	1,356	1,709	3,065	20	44	63
442159	87	VALLEY TEL CO-OP -TX	835	1,049	1,884	0	0	0
442160	87	VALLEY VIEW TEL CO	338	426	764	0	0	0
442163	87	WATERWOOD COMM INC	101	127	228	0	0	0
442168	87	WES - TEX TEL CO-OP	673	848	1,521	0	0	0
442166	87	WEST TEXAS RURAL TEL	982	1,237	2,219	0	0	0
442170	87	XIT RURAL TEL CO-OP	810	1,020	1,829	0	0	0
502277	87	CENTRAL UTAH TEL INC	278	350	628	0	0	0
502177	87	CONTEL THE WEST - UT	11,078	13,961	25,039	30	78	109
502278	87	EMERY COUNTY FARMERS	1,048	1,322	2,370	0	0	0
502280	87	KAMAS-WOODLAND TEL	557	703	1,260	0	0	0
502275	87	NAVAJO COMMUN - UT	460	579	1,039	0	0	0
502283	*	SKYLINE TELECOM	178	226	404	0	0	0
502286	87	SOUTH CENTRAL UTAH	1,556	1,953	3,509	0	0	0
502287	87	UINTAH BASIN TEL	1,119	1,408	2,527	0	0	0
502288	87	UT-WY TELECOM	312	393	705	0	0	0
140070	87	CONTEL OF VERMONT	31,639	39,852	71,491	126	286	413
140058	87	LUDLOW TEL CO	2,680	3,371	6,051	0	0	0
140061	87	NORTHFIELD TEL CO	2,859	3,616	6,475	0	0	0
140062	87	PERKINSVILLE TEL CO	710	893	1,603	0	0	0
140068	87	TOPSHAM TEL CO	785	989	1,773	0	0	0
140069	87	WAITSFIELD/FAYSTON	4,136	5,215	9,351	20	46	66
643300	87	VIRGIN ISLANDS TEL	55,429	69,859	125,289	661	1,458	2,119
190217	87	AMELIA TEL CORP	1,260	1,587	2,847	0	0	0
190249	87	ROANOKE & BOTETOURT	4,496	5,674	10,170	342	784	1,126
522404	87	ASOTIN TEL - WA	537	675	1,213	0	0	0
522449	87	CONTEL OF THE NW-WA	26,187	32,994	59,181	654	1,492	2,146
522410	87	COWICHE TELEPHONE CO	584	736	1,320	0	0	0
522412	87	ELLENSBURG TEL CO	7,545	9,512	17,057	63	137	200
522417	87	HAT ISLAND TEL CO	4	5	9	0	0	0
522419	87	HOOD CANAL TEL CO	334	419	753	0	0	0
522423	87	INLAND TEL CO -WA	649	818	1,467	0	0	0
522426	87	KALAMA TEL CO	1,265	1,594	2,858	1	3	4
522427	87	LEWIS RIVER TEL CO	2,017	2,536	4,553	2	5	7
522431	87	MASHELL TEL CO INC	705	890	1,595	0	1	1
522436	87	PENINSULA TELECOMM	2,344	2,945	5,288	10	26	37
522437	87	PIONEER TEL CO	360	453	813	0	0	0
522442	87	ST JOHN TEL CO	243	307	551	0	0	0
522408	87	TEL UTIL OF WA INC	43,419	54,708	98,127	85	188	273
522446	87	TENINO TELEPHONE CO	953	1,202	2,155	0	0	0
522447	87	TOLEDO TELEPHONE CO	847	1,067	1,913	0	0	0
522451	87	WESTERN WAHKIAKUM	557	702	1,258	0	0	0
522452	87	WHIDBEY TEL CO.	2,853	3,598	6,451	7	17	24
522453	87	YELM TELEPHONE CO	2,626	3,306	5,932	0	0	0
200278	87	CONTEL OF WV	17,267	21,727	38,994	22	50	71
200259	87	HARDY TEL CO	1,222	1,539	2,761	0	0	0
200270	87	MOUNTAIN STATE TEL	12,495	15,754	28,249	0	0	0
330842	*	AMERY TEL CO	3,533	4,452	7,985	8	17	25
330843	*	AMHERST TEL CO	1,195	1,505	2,700	0	0	0
330844	87	BADGER TELECOM, INC.	1,413	1,779	3,192	0	0	0
330925	*	BAYLAND TEL CO	448	564	1,012	0	0	0
330851	87	BONDUEL TEL CO	441	555	996	0	0	0
330855	*	BRUCE TEL CO, INC	695	875	1,571	0	0	0
330856	87	BURLINGTON B&W	1,898	2,391	4,290	0	0	0
330857	*	CASCO TEL CO	194	244	438	0	0	0
330841	87	CENCOM OF WISCONSIN	9,775	12,297	22,072	0	0	0
330859	87	CENTRAL STATE TEL CO	2,474	3,117	5,591	0	0	0
330895	87	CENTURY OF WISCONSIN	31,468	39,692	71,160	2,198	4,995	7,194
330860	87	CHEQUAMEGON TEL COOP	2,819	3,553	6,372	0	0	0
330861	*	CHIBARDUN TEL COOP	1,847	2,326	4,173	0	0	0
330870	87	CRANDON TEL CO	635	800	1,434	0	0	0

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
330876	87	DODGE COUNTY TEL CO	245	309	554	0	0	0
330914	87	EASTCOAST TELECOM	1,073	1,353	2,426	0	0	0
330882	87	FENNIMORE TEL CO	595	749	1,345	0	0	0
330883	87	FOOTVILLE TEL CO	368	462	830	0	0	0
330888	87	GREENWOOD TEL CO	427	537	963	0	0	0
330889	*	HAGER TELECOM INC.	1,048	1,322	2,370	0	0	0
330891	87	HEADWATERS TEL CO	1,371	1,724	3,095	0	0	0
330892	*	HILLSBORO TEL CO	438	552	990	0	0	0
330936	87	INDIANHEAD TEL CO	849	1,070	1,919	0	0	0
330858	*	LAKESHORE TEL CO	293	369	663	0	0	0
330898	87	LARSEN-READFIELD TEL	513	647	1,161	0	0	0
330900	*	LEMONWEIR VALLEY TEL	1,400	1,765	3,165	0	0	0
330905	*	MANAWA TEL CO	540	681	1,221	0	0	0
330908	87	MARQUETTE-ADAMS COOP	1,259	1,589	2,848	3	7	10
330909	87	MIDWAY TEL CO	2,501	3,153	5,654	0	0	0
330910	*	MILLTOWN MUTUAL TEL	1,236	1,554	2,790	0	0	0
330913	87	MONROE COUNTY TEL CO	5,008	6,303	11,311	0	0	0
330916	87	MOUNT HOREB TEL CO	1,148	1,446	2,594	3	7	9
330917	87	MT VERNON TEL CO	2,437	3,070	5,507	0	0	0
330920	*	NIAGARA TEL CO	4,441	5,588	10,029	41	97	137
330922	87	NORTH-WEST TEL CO	22,999	28,984	51,983	0	0	0
330931	87	PEOPLES TEL CO	2,010	2,532	4,541	0	0	0
330934	+	PLATTEVILLE TEL CO	3,722	4,697	8,419	0	0	0
330937	+	PRICE COUNTY TEL CO	1,466	1,848	3,314	0	0	0
330940	87	RHINELANDER TEL CO	4,671	5,880	10,551	0	0	0
330941	*	RIB LAKE TEL CO	319	402	721	0	0	0
330943	87	RIVERSIDE TELECOM	761	959	1,720	0	0	0
330945	87	SCANDINAVIA TEL CO	682	860	1,542	0	0	0
330948	*	SHELL LAKE TEL CO	923	1,164	2,087	0	0	0
330949	*	SIREN TEL CO, INC	1,029	1,295	2,324	0	0	0
330950	87	SOLOM SPRINGS TEL CO	7,352	9,259	16,611	1	3	4
330952	87	SOUTHEAST TEL OF WISCONSIN	2,343	2,952	5,295	0	0	0
330954	87	STOCKBRIDGE & SHERWD	607	764	1,371	0	0	0
330959	*	THORP TEL CO	781	984	1,765	0	0	0
330961	*	TURTLE LAKE TEL CO	494	621	1,115	0	0	0
330956	87	UNIVERSAL OF N WISC	4,302	5,412	9,715	1	2	2
330964	87	URBAN TEL CORP	5,178	6,519	11,696	49	112	161
330963	87	UTELCO, INC	7,484	9,429	16,912	66	162	228
330965	87	VALDERS TEL CO	491	617	1,108	0	0	0
330967	*	VIROQUA TEL CO	1,299	1,637	2,937	0	0	0
330973	*	WITTENBERG TEL CO	492	620	1,112	0	0	0
330974	87	WOOD COUNTY TEL CO	8,389	10,571	18,960	27	67	94
512291	87	DUBOIS TEL EXCHANGE	1,310	1,649	2,959	0	0	0
512294	87	MEDICINE BOW TEL CO	191	240	431	0	0	0
512251	87	RANGE TEL COOP - WY	1,208	1,519	2,727	0	0	0
512295	87	SILVER STAR TEL-WY	937	1,179	2,115	0	0	0
512299	87	TEL. UTIL. OF WY.	2,632	3,313	5,946	2	5	7
512297	87	UNION TELEPHONE CO	3,623	4,564	8,187	0	0	0
512290	87	UTAH-WYOMING TELECOM	292	369	661	0	0	0
TOTAL NON-TIER 1 COS. (678 STUDY AREAS)			3,084,689	3,882,135	6,966,824	72,417	157,862	230,279
TOTAL COST COMPANIES (794 STUDY AREAS)			88,937,437	111,927,402	200,864,839	3,623,227	8,112,254	11,735,481
888888	87	AVERAGE SCHEDULE COMPANIES	1,387,595	1,736,212	3,123,807	32,648	74,958	107,606
TOTAL INDUSTRY			90,325,032	113,663,614	203,988,646	3,655,875	8,187,212	11,843,087

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

+ - COMPANIES WHICH SUBMITTED 1986 DATA RATHER THAN 1987 DATA

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
250293	88	GTE SOUTH INC. - AL	106,918	111,182	218,100	3,468	9,064	12,532
255181	88	SO CENTRAL BELL-AL	1,083,886	1,486,759	2,570,645	23,065	87,973	111,038
455101	88	MOUNTAIN BELL - AZ	2,050,516	2,200,101	4,250,617	109,904	136,518	246,422
402080	88	GTE SOUTHWEST INC-AR	45,443	56,708	102,150	154	427	581
405211	88	SOUTHWESTERN BELL-AR	565,545	773,642	1,339,187	8,202	85,497	93,698
401728	88	UTC OF ARKANSAS	12,587	15,733	28,320	0	0	0
542302	88	CONTEL OF CALIFORNIA	135,319	142,127	277,447	9,828	17,809	27,637
542319	88	GTC OF CALIFORNIA	1,855,633	1,986,116	3,841,750	7,286	25,414	32,700
545170	88	PACIFIC BELL	8,145,059	9,680,693	17,825,752	49,444	234,821	284,265
542344	88	WEST COAST TEL OF CA	6,799	7,005	13,804	333	381	714
465102	88	MOUNTAIN BELL-CO	1,608,435	2,299,609	3,908,044	40,742	128,876	169,619
135200	88	SOUTHERN NEW ENGLAND	1,959,362	2,519,316	4,478,678	31,738	118,756	150,494
565010	88	DIAMOND STATE TEL	479,732	618,152	1,097,884	0	254	255
575020	88	C & P TEL CO OF WASH	821,880	1,113,946	1,935,826	10,284	6,587	16,870
210340	88	CENDEL OF FLORIDA	219,884	285,080	504,964	504	559	1,063
210328	88	GTE FLORIDA INC.	1,371,471	1,748,410	3,119,882	41,776	62,194	103,970
215191	88	SOUTHERN BELL-FL	4,397,679	5,152,751	9,550,430	75,099	61,724	136,823
210341	88	UTC OF FLORIDA	798,047	992,992	1,791,039	96,246	224,286	320,533
220479	88	GTE SOUTH INC.- GA	97,245	142,715	239,960	1,154	714	1,868
225192	88	SOUTHERN BELL-GA	2,743,923	3,333,783	6,077,706	9,456	65,644	75,099
623100	88	GTE HAWAIIAN TEL. CO	433,525	480,294	913,819	12,562	12,402	24,964
472416	88	GTE NORTHWEST INC-ID	91,207	113,422	204,629	3,529	20,148	23,677
475103	88	MOUNTAIN BELL-ID	295,262	407,284	702,546	13,285	31,673	44,958
475162	88	PACIFIC NW BELL-ID	22,153	27,528	49,680	1,640	1,394	3,033
340985	88	CENDEL OF ILLINOIS	140,857	176,026	316,883	1,361	4,363	5,724
341015	88	GTE NORTH INC. - IL	302,764	426,926	729,690	167	9,943	10,110
345070	88	ILLINOIS BELL TEL CO	4,361,266	5,272,117	9,633,383	31,080	158,135	189,216
320772	88	GTE NORTH INC. - IN	426,148	568,407	994,555	2,480	17,317	19,797
325080	88	INDIANA BELL TEL CO	1,106,513	1,709,575	2,816,088	15,736	101,333	117,070
320832	88	UTC OF INDIANA	105,546	121,257	226,803	2,921	2,747	5,668
351186	88	GTE NORTH INC. - IA	53,022	80,450	133,471	134	2,208	2,343
355141	88	NORTHWESTERN BELL-IA	709,515	1,026,102	1,735,617	141,595	231,023	372,618
351317	88	UTC OF IOWA	35,982	44,980	80,962	4	12	15
415214	88	SOUTHWESTERN BELL-KS	901,619	1,105,789	2,007,408	21,630	101,570	123,200
411842	88	UTC OF KANSAS	43,236	54,015	97,251	246	791	1,037
265061	88	CINCINNATI BELL-KY	82,096	114,565	196,660	115	784	899
260407	88	GTE SOUTH INC. - KY	207,531	311,400	518,930	1,920	3,769	5,689
265182	88	SO CENTRAL BELL-KY	671,132	894,244	1,565,377	19,813	79,714	99,527
275183	88	SO CENTRAL BELL-LA	1,334,644	1,774,580	3,109,223	31,509	93,319	124,828
105111	88	NEW ENGLAND TEL-ME	432,214	529,390	961,604	3,608	50,905	54,513
185030	88	C & P TEL CO OF MD	2,470,374	2,901,735	5,372,109	36,561	127,121	163,682
115112	88	NEW ENGLAND TEL-MA	3,439,175	3,998,833	7,438,009	43,299	175,126	218,426
310695	88	GTE NORTH INC. - MI	232,237	290,635	522,872	494	20,251	20,746
315090	88	MICHIGAN BELL TEL CO	2,446,254	3,367,713	5,813,967	23,494	155,209	178,703
361367	88	CENDEL OF MN	49,619	61,999	111,618	2	5	7
361186	88	GTE NORTH INC. - MN	1,914	2,216	4,130	0	44	44
365142	88	NORTHWESTERN BELL-MN	1,091,204	1,619,862	2,711,066	81,592	204,495	286,088
361456	88	UTC OF MINNESOTA	43,274	54,093	97,368	61	195	256
285184	88	SO CENTRAL BELL-MS	799,124	1,039,427	1,838,551	16,683	76,571	93,254
421186	88	GTE NORTH INC. - MO	58,533	96,260	154,793	1,653	1,730	3,383
425213	88	SOUTHWESTERN BELL-MO	1,556,011	2,132,695	3,688,706	44,978	159,766	204,744
421957	88	UTC OF MISSOURI	91,816	114,771	206,587	5,150	16,521	21,672
482416	88	GTE NORTHWEST INC-MT	6,082	6,969	13,051	71	85	156
485104	88	MOUNTAIN BELL-MT	271,161	338,968	610,129	22,203	41,325	63,529
371186	88	GTE NORTH INC. - NE	21,581	34,107	55,688	124	332	455
371568	88	LINCOLN TEL & TEL CO	138,114	193,234	331,348	657	11,076	11,733
375143	88	NORTHWESTERN BELL-NE	328,735	523,349	852,084	43,693	96,979	140,671
371595	88	UTC OF THE WEST-NE	18,412	23,022	41,434	22	72	94
552348	88	CENDEL OF NV	601,004	564,474	1,165,479	1,582	2,554	4,136
555173	88	NEVADA BELL	252,469	283,961	536,430	5,520	32,709	38,230
125113	88	NEW ENGLAND TEL-NH	769,276	894,752	1,664,028	5,374	41,869	47,243
165120	88	NEW JERSEY BELL	5,681,084	6,602,214	12,283,299	14,194	102,916	117,111
160138	88	UNITED TEL - NJ, INC	129,852	162,303	292,154	4,645	14,967	19,612
492080	88	GTE SOUTHWEST INC-NM	37,785	34,685	72,469	0	5	5
495105	88	MOUNTAIN BELL-NM	530,586	665,073	1,195,659	41,171	118,398	159,569
150096	88	CONTEL OF NY, INC	101,930	135,252	237,182	4,248	28,659	32,907
155130	88	NEW YORK TEL CO	8,972,711	10,192,241	19,164,952	241,406	857,990	1,099,395
150121	88	ROCHESTER TEL CORP	285,649	382,228	667,877	11,773	22,612	34,385

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCD	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
230470	88	CAROLINA TEL & TEL	580,077	678,244	1,258,321	25,100	124,865	149,965
230471	88	CENDEL OF NC	107,005	133,719	240,724	693	2,209	2,901
230479	88	GTE SOUTH INC - NC	216,285	175,584	391,869	302	364	666
235193	88	SOUTHERN BELL-NC	1,346,562	1,803,561	3,150,123	25,145	65,221	90,367
385144	88	NORTHWESTERN BELL-ND	230,171	287,067	517,237	6,192	31,729	37,921
300630	88	CENDEL OF OHIO	33,496	41,857	75,353	1,395	4,440	5,835
305062	88	CINCINNATI BELL-OH	443,871	680,389	1,124,260	14,923	21,710	36,633
300615	88	GTE NORTH INC. - OH	348,013	393,875	741,888	1,256	6,838	8,094
305150	88	OHIO BELL TEL CO	2,090,513	2,939,104	5,029,617	42,103	93,331	135,434
300661	88	UTC OF OHIO	244,185	369,628	613,814	18,030	66,030	84,060
432080	88	GTE SOUTHWEST INC-OK	76,683	83,087	159,770	42	633	674
435215	88	SOUTHWESTERN BELL-OK	996,558	1,312,969	2,309,527	25,887	107,187	133,074
532416	88	GTE NORTHWEST INC-OR	234,647	248,666	483,313	6,453	2,087	8,540
535163	88	PACIFIC NW BELL-OR	777,917	1,138,607	1,916,525	10,429	54,912	65,340
532400	88	UTC OF THE NW - OR	30,774	38,454	69,228	435	1,394	1,829
175000	88	BELL OF PENNSYLVANIA	3,623,250	5,056,325	8,679,575	8,623	194,099	202,723
170169	88	GTE NORTH INC. - PA	247,264	338,431	585,695	2,939	11,715	14,654
170209	88	UTC OF PENNSYLVANIA	161,977	208,849	370,827	4,870	11,117	15,988
633201	88	PUERTO RICO TEL CO	343,192	489,545	832,737	0	81,022	81,022
585114	88	NEW ENGLAND TEL - RI	586,146	686,522	1,272,668	17,107	43,387	60,494
240479	88	GTE SOUTH INC. - SC	125,475	154,622	280,097	1,871	682	2,553
245194	88	SOUTHERN BELL-SC	933,799	1,241,000	2,174,799	16,036	48,968	65,004
240506	88	UTC OF THE CAROLINAS	53,707	67,130	120,837	980	3,113	4,093
395145	88	NORTHWESTERN BELL-SD	202,639	291,964	494,603	23,943	70,842	94,785
290479	88	GTE SOUTH INC. - TN	28,352	45,418	73,770	271	1,013	1,284
295185	88	SO. CENTRAL BELL -TN	1,626,962	2,136,410	3,763,373	48,555	104,064	152,619
290567	88	UNITED INTER-MT-TN	123,737	203,985	327,722	19,317	13,910	33,228
442114	88	CENDEL OF TEXAS	78,632	98,251	176,883	37	116	153
442154	88	CONTEL OF TEXAS	56,972	59,307	116,279	4,296	14,825	19,121
442080	88	GTE SOUTHWEST INC-TX	737,839	826,969	1,564,808	3,445	22,926	26,371
445216	88	SOUTHWESTERN BELL-TX	4,353,920	5,910,391	10,264,311	87,730	291,483	379,212
442084	88	UTC OF TEXAS INC	27,898	34,871	62,769	1,429	4,595	6,023
505107	88	MOUNTAIN BELL-UT	620,810	797,686	1,418,496	64,910	69,229	134,138
145115	88	NEW ENGLAND TEL-VT	271,025	348,227	619,253	7,472	33,420	40,892
190254	88	CENDEL OF VIRGINIA	158,884	198,522	357,406	3,736	11,846	15,582
195040	88	C & P TEL CO OF VA	2,590,074	2,922,555	5,512,629	6,214	68,398	74,612
190233	88	CONTEL OF VIRGINIA	341,470	375,334	716,804	2,707	12,176	14,883
190479	88	GTE SOUTH INC. - VA	21,655	32,161	53,815	30	6,518	6,548
190567	88	UNITED INTER-MT-VA	60,651	78,534	139,185	4,193	5,697	9,890
522416	88	GTE NORTHWEST INC-WA	373,341	360,279	733,620	7,258	6,128	13,385
525161	88	PACIFIC NW BELL-WA	1,587,150	1,926,577	3,513,727	30,512	79,521	110,033
522400	88	UTC OF THE NW-WA	31,803	39,747	71,549	818	2,647	3,465
205050	88	C & P TEL CO OF WV	492,969	627,210	1,120,179	4,726	68,161	72,887
200479	88	GTE SOUTH INC. - WV	55,016	75,017	130,034	89	6,540	6,629
330886	88	GTE NORTH INC. - WI	184,122	231,348	415,469	614	5,665	6,279
335220	88	WISCONSIN BELL	1,050,583	1,633,063	2,683,646	8,685	118,045	126,730
515108	88	MOUNTAIN BELL-WY	263,904	291,239	555,143	3,120	44,017	47,137
511595	88	UTC OF THE WEST-WY	5,376	6,720	12,096	0	0	0
TOTAL TIER 1 COMPANIES (116 STUDY AREAS)			99,864,912	124,741,267	224,606,179	2,039,589	6,539,462	8,579,053
250284	88	BUTLER TEL CO	2,790	3,486	6,276	0	0	0
250281	88	CONTEL OF THE SOUTH	44,735	55,925	100,660	610	1,959	2,568
250297	88	GROVE HILL TEL CORP	699	873	1,572	0	0	0
250298	88	GULF TEL CO - AL	19,084	23,851	42,935	0	0	0
250300	88	HOPPER TEL. CO INC	722	902	1,624	0	0	0
250304	88	MILLRY TEL CO	2,833	3,541	6,374	11	37	48
250306	88	MONROEVILLE TEL CO	7,801	9,749	17,549	96	312	409
250314	88	PEOPLES TEL CO	6,117	7,647	13,764	0	0	0
250316	88	RAGLAND TEL CO	336	420	756	0	0	0
250318	88	SOUTHLAND TEL CO-AL	7,645	9,558	17,203	21	67	88
613000	88	ANCHORAGE TEL UTIL	121,502	151,874	273,375	0	0	0
613001	88	ARCTIC SLOPE TEL	2,081	2,602	4,683	0	0	0
613003	88	BRISTOL BAY TEL COOP	775	966	1,741	0	0	0
613004	88	BUSH-TELL INC.	169	211	380	0	0	0
613006	88	COPPER VALLEY TEL	2,212	2,763	4,975	0	0	0
613007	88	CORDOVA TEL COOP	1,336	1,669	3,004	0	0	0
613008	88	FAIRBANKS MUNICIPAL	27,259	34,082	61,341	0	0	0

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

F CODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
613010	88	GLACIER STATE TEL CO	28,605	35,744	64,349	0	0	0
613009	88	GTE ALASKA INC.	9,759	12,193	21,952	0	0	0
613011	88	INTERIOR TEL CO INC	2,489	3,112	5,601	0	0	0
613012	88	JUNEAU & DOUGLAS TEL	18,903	23,605	42,508	0	0	0
613013	88	KETCHIKAN PUBLIC UT	8,290	10,357	18,646	0	0	0
613015	88	MATANUSKA TEL ASSOC	25,281	31,610	56,890	0	0	0
613016	88	MUKLUK TEL CO INC	546	682	1,228	0	0	0
613018	88	NUSHAGAK TEL COOP	923	1,153	2,076	0	0	0
613019	88	OTZ TEL COOPERATIVE	909	1,135	2,044	0	0	0
613020	88	SITKA TELEPHONE CO	7,523	9,402	16,925	0	0	0
613022	88	TEL UTIL OF ALASKA	3,492	4,364	7,857	0	0	0
613023	88	UNITED UTILITIES INC	1,083	1,353	2,436	0	0	0
613025	88	YUKON TEL CO INC	161	201	363	0	0	0
452171	88	ARIZONA TELEPHONE CO	889	1,111	2,000	0	0	0
452172	88	CITIZENS UTILITIES	59,363	74,193	133,556	808	2,608	3,417
452302	88	CONTEL CALIF - AZ	5,887	5,820	11,707	0	289	289
452177	88	CONTEL OF WEST-AZ	14,336	17,919	32,255	226	728	954
452275	88	NAVAJO COMMUN-AZ	8,066	10,085	18,151	29	95	124
452173	88	PAPAGO TRIBAL UTIL.	328	410	738	0	0	0
452175	88	UNIVERSAL TEL OF SW	533	666	1,199	2	6	7
452176	88	VALLEY TEL COOP-AZ	1,364	1,703	3,067	0	0	0
401691	88	ALLTEL ARKANSAS INC	41,017	51,254	92,271	282	904	1,186
401692	88	ARKANSAS TEL CO	3,983	4,979	8,962	0	0	0
401697	88	CENTRAL ARKANSAS TEL	1,039	1,298	2,337	9	30	39
401705	88	CENTURY OF ARKANSAS	8,023	10,030	18,053	44	142	186
401698	88	CLEVELAND COUNTY TEL	973	1,216	2,189	0	0	0
401730	88	CONTEL OF ARKANSAS	43,933	54,930	98,863	422	1,354	1,777
401699	88	DECATUR TEL CO INC	516	645	1,162	0	0	0
401709	88	MADISON COUNTY TEL	1,581	1,976	3,557	0	0	0
401711	88	MOUNTAIN HOME TEL	11,979	14,979	26,958	92	300	393
401713	88	NORTH ARKANSAS TEL	3,866	4,832	8,698	0	0	0
401720	88	REDFIELD TEL CO	699	874	1,573	4	14	19
401702	88	SOUTH ARKANSAS TEL	1,898	2,372	4,271	0	0	0
401726	88	TRI-COUNTY TEL CO-AR	2,612	3,265	5,877	66	208	274
401727	88	UNION TEL CO INC	832	1,040	1,872	0	0	0
401729	88	WALNUT HILL TEL CO	2,879	3,599	6,478	0	0	0
401733	88	YELCOT TEL CO INC	2,054	2,569	4,623	8	26	34
401734	88	YELL COUNTY TEL CO	2,018	2,522	4,540	83	266	349
542304	88	C P NATIONAL CORP-CA	3,753	4,693	8,446	22	70	92
542301	88	CALAVERAS TEL CO	510	637	1,147	0	0	0
542311	88	CALIF-OREGON TEL CO	1,488	1,859	3,347	0	0	0
542308	88	CITIZENS UTIL OF CA	24,500	30,614	55,114	329	1,061	1,390
542313	88	DUCOR TELEPHONE CO	149	186	335	0	0	0
542315	88	EVANS TEL CO.	2,854	3,565	6,420	0	0	0
542318	88	FORESTHILL TEL CO.	507	633	1,140	0	0	0
542321	88	HAPPY VALLEY TEL CO	925	1,156	2,081	0	0	0
542322	88	HORNITOS TEL CO	396	494	890	0	0	0
542324	88	KERMAN TELEPHONE CO	1,410	1,761	3,171	15	48	62
542346	88	PINNACLES TEL CO	92	115	208	0	0	0
542332	88	PONDEROSA TEL CO	1,396	1,745	3,141	10	33	43
542334	88	ROSEVILLE TEL CO	28,052	35,056	63,108	3,050	9,824	12,874
542338	88	SIERRA TELEPHONE CO	4,833	6,038	10,871	40	127	166
542339	88	SISKIYOU TEL CO	1,902	2,377	4,278	20	66	86
542342	88	TUOLUMNE TEL CO	1,104	1,380	2,484	7	21	28
542343	88	VOLCANO TEL CO	2,086	2,607	4,692	4	14	18
462192	88	BIG SANDY TELCOMM	340	425	765	0	0	0
462181	88	BIJOU TEL COOP ASSOC	764	955	1,720	0	0	0
462182	88	BLANCA TEL CO	337	421	759	0	0	0
462204	88	COLUMBINE TEL CO	555	693	1,248	0	0	0
462184	88	DELTA COUNTY TEL CO	3,790	4,737	8,527	409	1,294	1,704
462185	88	EAGLE TELECOMMUN INC	4,607	5,757	10,364	185	603	787
462186	88	EASTERN SLOPE RURAL	2,263	2,829	5,092	0	0	0
462187	88	EL PASO COUNTY TEL	1,333	1,665	2,998	0	0	0
462188	88	FARMERS TEL CO - CO	238	298	536	0	0	0
462190	88	HAXTUN TEL CO	729	911	1,640	0	0	0
462193	88	NUCLA-NATURITA TEL	729	911	1,639	0	0	0
462194	88	NUNN TEL CO	153	191	344	0	0	0
462196	88	PEETZ COOP TEL CO	168	210	377	0	0	0

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
462199	88	PLAINS COOP TEL ASSN	912	1,140	2,053	0	0	0
462203	88	RYE TELEPHONE CO	993	1,242	2,235	0	0	0
462207	88	STRASBURG TEL CO	471	589	1,060	0	0	0
461835	88	SUNFLOWER TEL - CO	250	313	562	0	0	0
462208	88	UNIVERSAL TEL CO -CO	3,952	4,936	8,889	1	3	4
462209	88	WIGGINS TEL ASSOC	669	836	1,505	0	0	0
210336	88	ALLTEL FLORIDA INC.	27,123	33,887	61,010	443	1,423	1,866
210291	88	FLORALA TEL CO	2,282	2,853	5,136	0	0	0
210329	88	GULF TEL CO	4,093	5,118	9,211	125	409	534
210331	88	INDIANTOWN SYSTEM	995	1,245	2,240	241	785	1,027
210335	88	NORTHEAST FLORIDA	2,681	3,351	6,032	512	1,643	2,154
210338	88	QUINCY TEL CO-FL DIV	5,220	6,525	11,746	0	0	0
210339	88	SAINT JOSEPH TEL & TEL	12,237	15,302	27,539	700	2,273	2,973
210318	88	SOUTHLAND TEL-FL	1,972	2,463	4,435	88	284	372
210330	88	VISTA-UNITED TELCOM	9,710	12,150	21,860	4,585	14,741	19,326
220344	88	ALMA TEL CO	2,365	2,956	5,321	26	85	111
220347	88	BRANTLEY TEL CO	1,486	1,857	3,343	6	19	25
220351	88	CAMDEN TEL & TEL CO	13,024	16,279	29,303	311	999	1,310
220355	88	CITIZENS TEL CO - GA	1,693	2,117	3,810	0	0	0
220356	88	COASTAL UTILITIES	20,174	25,219	45,393	796	2,562	3,358
220281	88	CONTEL OF SOUTH - GA	28,092	35,109	63,201	665	2,137	2,802
220358	88	DARIEN TEL CO	2,062	2,577	4,639	0	0	0
220360	88	ELLIJAY TEL CO	2,657	3,321	5,978	0	0	0
220371	88	INTERSTATE TEL CO	7,310	9,139	16,449	0	0	0
220377	88	PINELAND TEL COOP	3,387	4,233	7,620	0	0	0
220379	88	PLANT TEL. CO.	2,934	3,667	6,602	36	115	150
220381	88	PUBLIC SERVICE TEL	2,750	3,439	6,190	9	28	37
220338	88	QUINCY TEL CO-GA DIV	602	752	1,354	0	0	0
220386	88	STANDARD TEL CO	18,958	23,697	42,655	1,398	4,515	5,913
220392	88	WAVERLY HALL TEL CO	901	1,126	2,026	0	0	0
220394	88	WILKES TEL & ELC CO	3,619	4,522	8,142	0	0	0
472213	88	ALBION TEL CO INC	743	929	1,672	0	0	0
472215	88	CAMBRIDGE TEL CO	492	615	1,106	0	0	0
472225	88	CENTURY TEL OF IDAHO	2,770	3,462	6,232	10	31	41
472177	88	CONTEL OF WEST-ID	7,612	9,512	17,125	38	124	162
472218	88	CUSTER TEL COOP	1,504	1,879	3,383	0	0	0
472223	88	GEM STATE UTIL-ID	709	886	1,596	16	53	69
472423	88	INLAND TEL-ID	236	295	530	0	0	0
472226	88	MIDVALE TEL EXCH INC	166	208	374	0	1	1
472231	88	PROJECT MUTUAL TEL	3,558	4,447	8,006	0	0	0
472232	88	ROCKLAND TEL CO INC	192	240	431	0	0	0
472233	88	RURAL TEL CO - ID	97	121	218	1	4	5
472295	88	SILVER STAR TEL- ID	277	346	624	0	0	0
472234	88	TROY TELEPHONE CO	637	797	1,434	0	0	0
341000	88	ALLTEL ILLINOIS INC.	28,765	35,940	64,705	125	400	524
341036	88	CONTEL OF ILLINOIS	101,439	126,793	228,231	630	2,033	2,662
341004	88	EL PASO TEL CO	965	1,206	2,171	17	54	70
341023	88	GRIDLEY TEL CO	742	927	1,668	7	23	31
341037	88	IL CONSOLIDATED TEL	32,152	40,195	72,347	8,258	26,550	34,808
341038	88	INLAND TEL CO	1,876	2,345	4,221	11	36	47
341011	88	LAKESIDE TEL CO	377	471	848	0	0	0
341045	88	LEAF RIVER VLY TEL	276	345	621	0	0	0
341055	88	MIDLAND TEL CO	1,632	2,040	3,672	0	0	0
341060	88	MOULTRIE INDEPENDENT	174	218	392	0	0	0
341073	88	PRAIRIE TEL CO	369	462	830	5	16	21
320753	88	CLAY CTY RURAL COOP	3,047	3,809	6,855	0	0	0
320776	*	COMM CORP OF INDIANA	3,823	4,779	8,603	0	0	0
320779	88	CONTEL OF INDIANA	68,497	85,676	154,173	2,583	8,281	10,865
320762	88	ELNORA TEL CO	167	208	375	0	0	0
320778	88	HOME TEL CO INC	667	833	1,500	0	0	0
320797	88	NEW PARIS TEL INC	1,060	1,325	2,385	15	47	62
320800	88	NORTHWESTERN INDIANA	6,411	8,012	14,424	0	0	0
351346	88	ACE TEL ASSN-IA	1,834	2,293	4,128	0	0	0
351105	88	AYRSHIRE FARMERS MUT	165	206	371	0	0	0
351110	88	BERNARD TEL CO INC	199	249	448	2	7	9
351127	88	CENTEL OF IOWA	32,479	40,593	73,072	11	34	44
351207	88	CONTEL OF IOWA, INC.	35,838	44,793	80,630	0	0	0
351888	88	GRAND RIVER MUT-IA	4,684	5,854	10,537	0	0	0



TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
351229	88	LOST NATION-ELWOOD	255	319	575	3	10	14
351316	88	UNITED FARMERS TEL	391	489	880	0	0	0
351327	88	WEBB-DICKENS TEL	244	305	549	0	0	0
411741	88	ASSARIA TEL EXCHANGE	186	232	417	0	0	0
411746	88	BLUE VALLEY TEL CO	1,195	1,494	2,689	0	0	0
411790	88	CONTEL OF KANSAS	25,529	31,915	57,443	0	0	0
411818	88	CRAW-KAN TEL COOP	6,948	8,684	15,632	0	0	0
411761	88	CUNNINGHAM TEL CO	544	679	1,223	0	0	0
411764	88	ELKHART TEL CO INC	1,520	1,900	3,419	10	31	41
411781	88	H & B COMMUNICATIONS	525	656	1,181	0	0	0
411782	88	HOME TEL CO	667	834	1,501	0	0	0
411785	88	J. B. N. TEL CO INC	1,530	1,912	3,442	0	0	0
411788	88	KANOKLA TEL ASSN-KS	1,306	1,633	2,938	11	35	46
411789	88	KANSAS STATE TEL CO	5,659	7,075	12,735	0	0	0
411801	88	MADISON TEL CO INC	453	566	1,019	0	0	0
411807	88	MOKAN DIAL INC-KS	1,121	1,401	2,522	0	0	0
411808	88	MOUNDRIDGE TEL CO	1,025	1,281	2,307	0	0	0
411814	88	PEOPLES MUTUAL TEL	797	998	1,795	0	0	0
411817	88	PIONEER TEL ASSN INC	7,833	9,792	17,625	0	0	0
411826	88	RURAL TEL SERVICE CO	2,869	3,585	6,453	0	0	0
411827	88	S & T TEL COOP ASSN	903	1,128	2,031	0	0	0
411831	88	SOUTH CENTRAL TEL - KS	464	580	1,044	0	0	0
411835	88	SUNFLOWER TEL CO	2,370	2,962	5,332	0	0	0
412030	88	TOTAH TELEPHONE CO	842	1,053	1,895	0	0	0
411840	88	TWIN VALLEY TEL INC	813	1,016	1,828	0	0	0
411841	88	UNITED TEL ASSN	2,502	3,128	5,630	0	0	0
411847	88	WHEAT STATE TEL	850	1,063	1,913	0	0	0
411849	88	WILSON TEL CO INC	697	871	1,568	0	0	0
411852	88	ZENDA TEL COMPANY	68	85	154	0	0	0
260410	88	CONTEL OF KENTUCKY	36,721	45,898	82,619	149	482	631
270422	88	ATHENS TEL CO	146	183	329	0	1	2
270431	88	CADDOAN TEL CO	5,717	7,148	12,865	42	136	177
270425	88	CAMERON TEL CO - LA	3,024	3,779	6,804	105	338	443
270423	88	CENTRAL LOUISIANA	6,388	7,989	14,377	58	188	246
270440	88	CENTURY TEL CO	988	1,235	2,222	6	20	26
270436	88	CENTURY TEL NORTH LA	683	855	1,538	2	5	7
270424	88	COASTAL TEL & ELECTR	3,440	4,303	7,743	59	192	251
270429	88	EAST ASCENSION TEL	8,765	10,956	19,721	251	804	1,055
270430	88	ELIZABETH TEL CO	763	953	1,716	22	70	92
270434	88	EVANGELINE TEL CO	9,589	11,989	21,578	290	943	1,234
270433	88	LAFOURCHE TEL CO	3,828	4,785	8,614	90	288	378
270442	88	LOUISIANA WESTERN	1,849	2,311	4,159	34	112	146
270435	88	NORTHEAST LOUISIANA	711	889	1,600	38	121	159
270437	88	PLAIN DEALING TEL CO	1,055	1,319	2,374	4	14	19
270443	88	UTC OF LOUISIANA	1,964	2,456	4,420	9	29	38
100004	88	CHINA TEL CORP	1,579	1,973	3,553	0	0	0
100014	88	CONTEL OF MAINE	29,243	36,529	65,772	1,249	4,013	5,261
100010	88	HAMPDEN TEL CO	1,332	1,664	2,996	0	0	0
100011	88	HARTLAND & ST ALBANS	1,597	1,995	3,592	0	0	0
100003	88	LINCOLNVILLE TEL CO	812	1,014	1,826	49	158	208
100024	88	SOMERSET TEL CO	5,637	7,044	12,681	0	0	0
100025	88	STANDISH TEL CO	4,287	5,355	9,642	116	379	495
100027	88	UNION RIVER TEL CO	485	605	1,090	0	0	0
100029	88	UNITY TEL CO., INC.	2,207	2,758	4,966	237	765	1,002
100031	88	WARREN TEL CO	921	1,151	2,072	0	0	0
100034	88	WEST PENOBSCOT TEL	950	1,187	2,137	0	0	0
310704	88	ACE TEL OF MICHIGAN	1,524	1,905	3,429	0	0	0
310681	88	ALLTEL MICHIGAN INC.	22,772	28,466	51,238	158	511	670
310679	88	BLOOMINGDALE TEL CO	670	837	1,507	0	0	0
310682	88	C, C & S TELCO - MI	7,722	9,648	17,370	0	0	0
310683	88	CARR TEL CO	326	407	733	1	3	5
310702	88	CENTURY TEL OF MICHIGAN	14,228	17,787	32,015	252	815	1,067
310685	88	CHATHAM TEL CO - MI	3,068	3,855	6,923	15	49	64
310680	88	CHIPPEWA COUNTY TEL	273	341	614	0	0	0
310687	88	CLAYTON TEL CO	260	324	584	0	0	0
310713	88	HIAWATHA TEL CO	1,703	2,127	3,831	0	0	0
310699	88	HICKORY TEL CO	884	1,107	1,991	3	10	13
310711	88	MIDWAY TEL CO	340	425	766	0	0	0

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1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
310714	*	OGDEN TEL CO	218	273	491	0	0	0
310717	88	ONTONAGON COUNTY TEL	2,289	2,861	5,150	0	0	0
310721	88	PIGEON TEL CO	978	1,223	2,201	8	25	33
310728	88	SPRINGPORT TEL CO	623	779	1,402	0	0	0
310732	88	UPPER PENINSULA TEL	2,362	2,950	5,312	0	0	0
310737	88	WINN TEL CO	214	267	481	0	0	0
310738	88	WOLVERINE TEL CO	2,399	3,000	5,400	0	0	0
361346	88	ACE TEL ASSN-MN	5,226	6,532	11,759	0	0	0
361374	88	ARROWHEAD COMM CORP	178	222	401	0	0	0
361350	88	ARVIG TEL CO	3,071	3,837	6,908	2	7	10
361370	88	CLARA CITY TEL EXCH	460	575	1,036	0	0	0
361140	88	CONTEL OF MINNESOTA	44,019	55,002	99,022	0	0	0
361379	88	DEER RIVER TEL CO	634	793	1,427	0	0	0
361385	88	EAST OTTER TAIL TEL	5,706	7,131	12,837	70	223	293
361395	88	GARDEN VALLEY TEL CO	7,618	9,520	17,138	29	92	121
361410	88	JOHNSON TEL CO	527	658	1,185	0	0	0
361414	88	LAKEDALE TEL CO	2,695	3,368	6,062	35	113	148
361433	88	MID STATE TEL CO	2,129	2,661	4,790	0	0	0
361442	88	NEW ULM TELECOM, INC	4,217	5,270	9,487	0	0	0
361443	88	NORMAN COUNTY TEL CO	1,593	1,991	3,584	0	0	0
361451	88	PAUL BUNYAN RURAL	2,628	3,283	5,911	0	0	0
361483	88	SLEEPY EYE TEL CO	1,932	2,413	4,345	0	0	0
361491	88	TWIN VALLEY-ULEN TEL	1,252	1,564	2,817	0	0	0
280446	88	BAY SPRINGS TEL CO	5,424	6,781	12,205	0	0	0
280452	88	DELTA TEL CO	1,365	1,706	3,071	0	0	0
280454	88	FRANKLIN TEL CO - MS	2,817	3,520	6,337	0	0	0
280458	88	HOME TEL CO-OLIVE BR	13,476	16,833	30,308	42	137	179
280459	88	HUGHES TEL CO	2,302	2,877	5,178	7	22	29
280461	88	SOUTHEAST MS TEL CO	1,291	1,613	2,904	0	0	0
421885	88	ALLTEL MISSOURI	13,093	16,363	29,456	5	15	19
421859	88	BOURBEUSE TEL	564	705	1,269	0	0	0
421865	88	CITIZENS TEL CO - MO	1,519	1,899	3,418	0	0	0
421922	88	CONTEL OF MISSOURI	87,865	109,812	197,677	1,387	4,448	5,834
421846	88	CONTINENTAL SYS. -MO	22,679	28,336	51,015	289	929	1,218
421873	88	EASTERN MISSOURI TEL	873	1,090	1,963	0	0	0
421882	88	FIDELITY TEL CO	3,819	4,773	8,592	0	0	0
421886	88	GOODMAN TEL CO	1,029	1,285	2,314	0	0	0
421888	88	GRAND RIVER MUT-MO	5,952	7,440	13,391	0	0	0
421929	88	HOLWAY TEL CO	263	328	591	0	0	0
421901	88	KINGDOM TELEPHONE CO	1,178	1,473	2,651	0	0	0
421908	88	LE-RU TELEPHONE CO	716	894	1,610	0	0	0
421904	88	MISSOURI TEL CO	7,224	9,030	16,254	0	0	0
421807	88	MOKAN DIAL INC-MO	468	585	1,053	0	0	0
421931	88	NE MISSOURI RURAL	1,856	2,320	4,176	0	0	0
421934	88	ORCHARD FARM TEL CO	212	265	477	0	0	0
421951	88	STOUTLAND TEL CO	473	592	1,065	0	0	0
421963	*	WEBSTER COUNTY TEL	1,998	2,496	4,494	29	94	123
482235	88	BLACKFOOT TEL COOP	4,140	5,173	9,312	0	1	1
482241	*	HOT SPRINGS TEL CO	300	375	675	0	0	0
482242	88	INTERBEL TEL COOP	814	1,017	1,830	0	0	0
482244	88	LINCOLN TEL CO INC	431	539	970	0	1	1
482246	88	MID-RIVERS TEL COOP	3,622	4,527	8,149	3	11	14
482247	88	NEMONT TEL COOP-MT	1,536	1,920	3,456	0	0	0
482248	88	NORTHERN TEL COOP	1,204	1,505	2,709	7	21	28
482249	88	NW TEL SYSTEMS, INC.	34,134	42,658	76,792	1,714	5,531	7,245
482250	88	PROJECT TEL CO	1,882	2,352	4,234	0	0	0
482251	88	RANGE TEL COOP-MT	2,274	2,842	5,115	0	0	0
482254	88	SOUTHERN MONTANA TEL	553	691	1,243	1	3	4
482255	88	THREE-RIVERS TEL COOP	5,044	6,304	11,348	0	0	0
482257	88	TRIANGLE TEL COOP	5,092	6,359	11,451	19	63	83
482258	88	VALLEY RURAL TEL	422	527	949	0	0	0
371516	88	ARAPAHOE TEL CO	469	586	1,055	0	0	0
371517	88	ARLINGTON TEL CO	500	626	1,126	0	0	0
372455	88	BENKELMAN TEL CO	844	1,055	1,899	0	0	0
371524	88	BLAIR TEL CO	5,180	6,476	11,655	0	0	0
371526	*	CAMBRIDGE TEL CO -NE	526	658	1,183	1	2	3
371531	*	CLARKS TEL CO	349	436	784	0	0	0
371534	88	COZAD TEL CO	1,171	1,464	2,635	0	0	0

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
371536	88	CURTIS TEL CO	285	357	642	0	0	0
371537	88	DALTON TEL CO, INC	788	985	1,773	0	0	0
371540	88	DILLER TEL CO	236	294	530	0	0	0
371542	88	EASTERN NEBRASKA TEL	1,608	2,010	3,617	0	0	0
371577	88	GREAT PLAINS COMMUN	13,553	16,942	30,495	1,299	4,180	5,479
371557	88	HARTMAN TEL EXCH INC	347	434	781	0	0	0
371558	88	HEMINGFORD COOP TEL	635	794	1,429	0	0	0
371567	88	KEYSTONE-ARTHUR TEL	203	253	456	9	28	37
371574	88	NEBRASKA CENTRAL TEL	1,920	2,401	4,321	23	74	97
371580	88	PETERSBURG TEL CO	116	145	260	0	0	0
371586	88	ROCK COUNTY TEL CO	515	644	1,159	0	0	0
371591	88	SE NEBRASKA TEL CO	1,638	2,048	3,686	0	0	0
371592	88	STANTON TEL CO, INC	397	497	894	0	0	0
371525	88	THREE RIVER TELCO	733	916	1,650	0	0	0
371597	88	WAUNETA TEL CO	438	547	985	0	0	0
552284	88	BEEHIVE TEL CO - NV	163	203	366	0	0	0
552304	88	C P NATIONAL-NV	11,851	14,807	26,659	103	333	435
552349	88	CHURCHILL COUNTY TEL	10,073	12,590	22,663	0	0	0
552302	88	CONTEL OF CALIF-NV	27,647	32,084	59,731	5,373	3,337	8,710
552223	88	GEM STATE UTIL-NV	370	462	832	3	11	15
552351	88	LINCOLN CTY TEL SYS	1,209	1,511	2,720	13	41	53
552353	88	MOAPA VALLEY TEL CO.	1,484	1,855	3,339	0	0	0
552354	88	NEVADA TEL-TELEGRAPH	4,413	5,515	9,928	16	51	67
552356	88	RIO VIRGIN TEL CO	1,395	1,742	3,137	55	174	229
552233	88	RURAL TEL CO - NV	509	635	1,143	4	12	16
120038	88	BRETTON WOODS TEL CO	373	466	838	0	0	0
120040	*	CHICHESTER TEL CO	724	904	1,628	19	62	81
120041	88	CONTEL OF NH	11,447	14,307	25,753	404	1,300	1,704
120039	88	GRANITE STATE TEL	6,369	7,961	14,330	305	988	1,292
120045	88	KEARSARGE TEL CO	6,103	7,628	13,731	0	0	0
120046	88	MERIDEN TEL CO	629	786	1,415	0	0	0
120047	88	MERRIMAK COUNTY TEL	5,195	6,494	11,689	0	0	0
120049	88	UNION TEL CO	5,093	6,362	11,454	257	825	1,082
120050	88	WILTON TEL CO - NH	2,834	3,542	6,376	0	0	0
160135	88	WARWICK VALLEY-NJ	5,060	6,324	11,384	19	61	80
492259	88	BACA VALLEY TEL CO	509	636	1,145	0	0	0
492177	88	CONTEL OF WEST - NM	15,045	18,802	33,847	205	657	861
492066	88	DELL TEL CO-OP - NM	181	227	408	0	0	0
492262	88	ENMR TEL COOP INC-NM	7,171	8,964	16,135	0	0	0
492263	88	LA JICARITA RURAL	818	1,022	1,840	0	0	0
492264	88	LEACO RURAL TEL COOP	529	661	1,190	0	0	0
492275	88	NAVAJO COMMUN - NM	3,033	3,791	6,823	10	31	41
492270	88	PENASCO VALLEY TEL	846	1,057	1,903	6	18	24
492272	88	ROOSEVELT CNTY RURAL	1,151	1,439	2,590	0	0	0
492274	88	UNIVERSAL TEL OF SW	2,721	3,401	6,122	5	18	23
492176	88	VALLEY TEL COOP - NM	1,091	1,363	2,453	0	0	0
492268	88	WESTERN NEW MEXICO	3,089	3,860	6,949	0	0	0
150106	88	ALLTEL NY-FULTON	20,515	25,641	46,156	1,846	5,932	7,778
150109	88	ALLTEL NY-JAMESTOWN	29,209	36,495	65,704	681	2,185	2,866
150113	88	ALLTEL NY-RED JACKET	752	940	1,692	98	315	413
150072	88	AU SABLE VALLEY TEL	2,713	3,389	6,101	65	212	277
150077	88	CHAMPLAIN TEL CO	3,870	4,837	8,707	528	1,694	2,222
150078	88	CHAUTAQUA & ERIE	5,676	7,098	12,773	715	2,299	3,014
150081	88	CITIZENS HAMMOND NY	364	455	819	0	0	0
150082	88	CLYMER TEL CO	835	1,043	1,878	76	244	320
150085	88	CROWN POINT TEL CORP	385	481	866	23	75	98
150091	88	DUNKIRK & FREDONIA	3,263	4,078	7,341	678	2,176	2,854
150092	88	EDWARDS TEL CO	641	801	1,442	0	0	0
150093	88	EMPIRE TEL CORP	3,269	4,085	7,354	355	1,139	1,495
150097	88	GERMANTOWN TEL CO	1,071	1,339	2,410	53	171	223
150099	88	HANCOCK TEL CO	923	1,153	2,076	20	66	87
150100	88	HIGHLAND TEL CO	38,732	48,412	87,145	1,377	4,455	5,831
150105	88	MIDDLEBURGH TEL CO	2,165	2,705	4,870	29	97	127
150108	88	NICHOLVILLE TEL CO	653	817	1,470	61	198	260
150110	88	OGDEN TEL CO	7,478	9,348	16,826	781	2,507	3,288
150116	*	PATTERSONVILLE TEL	575	719	1,294	46	146	192
150119	88	RED HOOK TEL CO	8,081	10,421	18,502	152	2,218	2,370
150122	88	SENECA-GORHAM TEL	3,168	3,961	7,128	397	1,276	1,673

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
150128	88	SYLVAN LAKE TEL CO	7,982	9,976	17,958	307	992	1,299
150084	88	TACONIC TEL CORP	13,321	16,647	29,968	1,157	3,717	4,874
150133	88	VERNON TEL CO	1,021	1,275	2,296	116	374	490
150135	88	WARWICK VALLEY-NY	10,198	12,747	22,945	621	2,011	2,632
150136	88	WESTERN COUNTIES TEL	12,722	12,248	24,970	43	2,837	2,880
230476	88	ALLTEL CAROLINA-NO	68,774	85,926	154,700	647	2,074	2,721
230468	88	ATLANTIC MEMBERSHIP	12,687	15,864	28,551	0	0	0
230469	88	BARNARDSVILLE TEL CO	479	599	1,078	0	0	0
230473	88	CITIZENS TEL CO	8,755	10,944	19,699	801	2,578	3,380
230474	88	CONCORD TEL CO	34,009	42,504	76,514	8,652	27,869	36,521
230509	88	CONTEL OF NC	53,187	66,466	119,653	3,258	10,474	13,732
230481	88	HEINS TEL CO	10,869	13,575	24,444	567	1,817	2,384
230502	88	STAR MEMBERSHIP CORP	5,559	6,946	12,505	0	0	0
230510	88	WILKES MEMBERSHIP	1,879	2,349	4,228	92	299	390
381607	88	CONSOLIDATED COOP	2,549	3,185	5,734	0	0	0
381447	88	CONTEL OF N. DAKOTA	5,448	6,810	12,257	0	0	0
381616	88	INTER-COMMUNITY TEL	671	838	1,509	3	10	13
381617	88	MIDSTATE TEL CO	1,060	1,325	2,385	3	10	13
381630	88	POLAR COMM MUT AID	4,846	6,058	10,904	0	0	0
381632	88	RESERVATION TEL COOP	2,650	3,313	5,963	16	51	67
381634	88	SOURIS RIVER TEL MUT	11,232	14,039	25,270	0	0	0
381637	88	W. RIVER MUTUAL AID	5,268	6,585	11,853	0	0	0
300665	88	ALLTEL OHIO-WEST OH	9,104	11,378	20,483	471	1,506	1,977
300682	88	C, C & S TELCO -OHIO	339	423	762	0	0	0
300597	88	CHILLICOTHE TEL	8,943	11,177	20,121	1,427	4,584	6,012
300607	88	CONTEL OF OHIO	772	965	1,736	0	0	0
300620	88	HARLAN TEL CO	320	400	719	0	0	0
300613	88	LITTLE MIAMI COMM.	623	778	1,400	0	0	0
431965	88	ALLTEL OKLAHOMA INC	6,056	7,568	13,624	0	0	0
431966	88	ATLAS TEL CO	1,035	1,294	2,329	0	0	0
431974	88	CANADIAN VALLEY TEL	358	447	806	0	0	0
431976	88	CARNEGIE TEL CO INC	651	814	1,465	0	0	0
431979	88	CHEROKEE TEL CO	3,924	4,905	8,828	0	0	0
431980	88	CHICKASAW TEL CO	2,411	3,013	5,424	0	0	0
431981	88	CHOUTEAU TEL CO	989	1,236	2,225	0	0	0
431985	88	CROSS TEL CO	3,465	4,331	7,796	0	0	0
431988	88	DOBSON TEL CO	2,194	2,743	4,938	0	0	0
431994	88	GRAND TEL CO INC	850	1,063	1,913	0	0	0
431995	88	HINTON TEL CO	1,166	1,457	2,622	0	0	0
431788	88	KANOKLA TEL ASSN-OK	848	1,060	1,909	2	7	9
432006	88	M-CLOUD TEL CO	2,758	3,446	6,204	0	0	0
432010	88	MID-AMERICA TEL INC	589	737	1,326	0	1	2
432011	88	OKLAHOMA ALLTEL, INC	8,178	10,221	18,400	77	246	322
431984	88	OKLAHOMA COMM SYSTEM	6,191	7,739	13,930	0	0	0
432013	88	OKLAHOMA TEL & TEL	702	878	1,580	1	2	3
432014	88	OKLAHOMA WESTERN TEL	1,262	1,578	2,840	0	0	0
432016	88	PANHANDLE TEL COOP	6,517	8,147	14,664	94	301	395
432018	88	PIONEER TEL COOP INC	14,585	18,233	32,817	111	357	467
432020	88	POTTAWATOMIE TEL CO	845	1,056	1,901	0	0	0
431831	88	S. CENTRAL TEL - OK	302	377	679	0	0	0
432030	88	TOTAH TELEPHONE CO	1,195	1,494	2,689	0	0	0
432032	88	VALLIANT TEL CO	1,156	1,445	2,601	0	0	0
432034	88	WYANDOTTE TEL CO	404	505	909	0	1	1
532404	88	ASOTIN TEL - OR	96	120	215	0	0	0
532359	88	BEAVER CREEK COOP	2,343	2,928	5,271	10	32	43
532304	88	C P NATIONAL CORP-OR	7,169	8,962	16,131	17	55	72
532362	88	CANBY TEL ASSN	5,222	6,525	11,748	0	0	0
532371	88	CASCADE UTIL INC	4,873	6,090	10,962	4	13	17
532363	88	CLEAR CREEK MUTUAL	1,859	2,325	4,184	0	0	0
532364	88	COLTON TEL CO	618	772	1,389	0	0	0
532449	88	CONTEL OF THE NW- OR	12,229	15,286	27,515	112	361	474
532376	88	HELIX TEL CO.	114	142	256	0	0	0
532377	88	HOME TELEPHONE CO	253	317	570	0	0	0
532456	88	MALHEUR HOME TEL CO	12,379	15,457	27,836	253	817	1,070
532226	88	MIDVALE TEL EXCH -OR	148	185	332	0	0	0
532383	88	MOLALLA TEL CO.	2,630	3,283	5,913	93	302	395
532385	88	MONROE TELEPHONE CO.	394	492	887	0	0	0
532387	88	NEHALEM TEL & TEL	794	993	1,787	4	13	17

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ACCESS MINUTES OF USE (IN THOUSANDS)

FCD	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
532388	88	NORTH STATE TEL CO.	296	370	666	0	0	0
532389	88	OREGON TEL CORP	989	1,236	2,225	0	0	0
532392	88	PINE TEL SYSTEM INC.	509	636	1,144	0	0	0
532393	88	PIONEER TEL COOP	6,486	8,105	14,591	46	148	193
532375	88	RTI/HALSEY TEL CO	590	738	1,328	46	146	192
532397	88	SCIO MUTUAL TEL ASSN	899	1,124	2,023	8	26	34
532361	88	TEL UTIL OF OREGON	25,530	31,904	57,434	142	460	602
532378	88	TRANS-CASCADES TEL	58	73	132	0	0	0
170170	88	CONTEL OF PA	30,305	37,887	68,192	503	1,613	2,116
170177	88	LACKAWAXEN TEL CO	1,984	2,479	4,463	0	0	0
170183	88	MAHANAY & MAHANTONGO	1,018	1,269	2,287	2	5	7
170192	88	MORTH PENN TEL CO	3,937	4,920	8,857	108	345	453
170194	88	OSWAYO RIVER TEL CO	1,502	1,877	3,379	0	0	0
170201	88	QUAKER STATE TEL CO	25,038	31,281	56,320	475	1,525	2,000
170206	88	SUGAR VALLEY TEL CO	387	484	871	0	0	0
633200	88	PUERTO RICO COMM	38,586	48,226	86,812	1	5	6
240512	88	BLUFFTON TEL. CO.	2,653	3,316	5,969	257	825	1,082
240526	88	CONTEL OF SC	11,058	13,823	24,881	485	1,549	2,035
240520	88	FARMERS TEL COOP	28,260	35,311	63,570	1,517	4,825	6,342
240523	88	HARGRAY TEL CO	32,567	40,706	73,273	3,044	9,759	12,802
240528	88	HORRY TEL COOP	29,649	37,052	66,700	3,085	9,903	12,987
240533	88	MCCLELLANVILLE TEL	930	1,162	2,092	0	0	0
240539	88	POND BRANCH TEL CO	2,865	3,583	6,448	455	1,457	1,912
240551	88	WILLISTON TEL CO	1,999	2,498	4,498	0	0	0
391647	88	CHEYENNE RIVER SIOUX	1,132	1,415	2,546	0	0	0
391643	88	CONTEL OF S. DAKOTA	4,619	5,772	10,391	41	132	174
391659	88	GOLDEN WEST TELECOMM	7,813	9,765	17,577	68	220	288
391666	88	JEFFERSON TEL CO -SD	594	743	1,337	17	55	72
391667	88	KADOKA TELEPHONE CO	326	407	732	0	0	0
391668	88	KENNEBEC TEL CO	175	218	393	1	3	5
391689	88	WEST RIVER COOP	1,042	1,302	2,344	5	17	22
290552	88	ADAMSVILLE TEL CO	3,534	4,417	7,952	91	290	381
290571	88	MILLINGTON TEL CO	18,074	22,609	40,683	0	0	0
290575	88	TENNESSEE TEL CO	22,821	28,521	51,342	438	1,405	1,843
290579	88	TWIN LAKES TEL COOP	8,847	11,056	19,904	64	207	270
442121	88	ALLTEL TEXAS INC	832	1,041	1,873	7	24	31
442039	88	BIG BEND TEL CO INC	1,134	1,417	2,551	0	0	0
442040	88	BRAZORIA TEL CO	1,169	1,460	2,629	27	87	114
442041	88	BRAZOS TEL COOP INC	235	293	528	3	10	13
440425	88	CAMERON TEL CO TEXAS	231	288	519	0	0	0
442046	88	CAP ROCK TEL CO INC	510	637	1,146	0	0	0
442052	88	CENTRAL TEXAS CO-OP	707	884	1,592	9	30	39
442059	88	COLORADO VALLEY TEL	866	1,082	1,947	0	0	0
442066	88	DELL TEL. CO-OP - TX	380	475	856	0	0	0
442262	88	E N M R TEL COOP-TX	138	173	311	0	0	0
442068	88	EASTEX TEL COOP INC	6,358	7,947	14,305	0	0	0
442070	88	ETEX TEL COOP INC	3,502	4,379	7,881	0	0	0
442071	88	FIVE AREA TEL CO-OP	581	727	1,308	0	0	0
442072	88	FORT BEND TEL CO	8,319	10,381	18,701	0	0	0
442076	88	GANADO TELEPHONE CO	203	254	457	0	0	0
442083	88	GUADALUPE VALLEY TEL	5,360	6,697	12,057	0	0	0
442086	88	HILL COUNTRY CO-OP	2,395	2,992	5,387	36	117	153
442093	88	INDUSTRY TEL CO	239	298	537	0	0	0
442097	88	KERRVILLE TEL CO	5,189	6,488	11,677	855	2,756	3,611
442103	88	LA WARD TEL EXCHANGE	168	210	379	0	0	0
442101	88	LAKE DALLAS TEL CO	2,586	3,232	5,818	0	0	0
442104	88	LAKE LIVINGSTON TEL	188	234	422	0	0	0
442109	88	LUFKIN-CONROE TEL EX	22,246	27,811	50,057	2,606	8,387	10,993
442112	88	MID-PLAINS RURAL TEL	635	794	1,429	0	0	0
442116	88	MUENSTER TEL CORP-TX	524	656	1,180	14	44	58
442117	88	MUSTANG TEL CO	937	1,173	2,110	52	167	219
442129	88	PEEPLS TELEPHONE CO	163	204	367	5	15	20
442130	88	PEOPLES TEL COOP -TX	1,937	2,421	4,358	3	9	12
442131	88	POKA-LAMBRO TEL COOP	877	1,097	1,974	12	39	52
442134	88	RIVIERA TEL CO INC	250	312	561	0	0	0
442136	88	ROMAIN TELEPHONE CO	195	245	440	5	15	20
442135	88	SOUTHWEST TEXAS TEL	499	623	1,121	0	0	0
442147	88	SUGAR LAND TEL CO	18,711	23,402	42,113	374	1,199	1,573

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ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
442148	88	SWEENEY-OLD OCEAN	712	891	1,603	14	45	60
442151	88	TAYLOR TEL CO-OP INC	1,246	1,557	2,803	0	0	0
442153	88	TEXAS-MIDLAND TEL	3,075	3,844	6,919	0	0	0
442155	88	TRI - COUNTY TEL - TX	156	194	350	5	17	22
442156	88	TRINITY VALLEY TEL	1,341	1,676	3,017	42	135	177
442159	88	VALLEY TEL CO-OP -TX	750	937	1,687	0	0	0
442163	88	WATERWOOD COMM INC	115	144	258	14	45	59
442168	88	WES - TEX TEL CO-OP	705	881	1,586	0	0	0
442166	88	WEST TEXAS RURAL TEL	913	1,141	2,053	0	0	0
442170	88	XIT RURAL TEL CO-OP	790	988	1,777	182	588	769
502284	88	BEEHIVE TEL CO - UT	362	452	815	0	0	0
502277	88	CENTRAL UTAH TEL INC	274	343	617	0	0	0
502177	88	CONTEL THE WEST - UT	9,900	12,377	22,277	146	472	618
502278	88	EMERY COUNTY FARMERS	1,239	1,548	2,787	18	59	77
502280	88	KAMAS-WOODLAND TEL	680	850	1,530	0	0	0
502275	88	NAVAJO COMMUN - UT	449	560	1,009	2	6	8
502286	88	SOUTH CENTRAL UTAH	1,671	2,088	3,759	0	0	0
502287	88	UINTAH BASIN TEL	1,096	1,370	2,465	0	0	0
502288	88	UT-WY TELECOM	334	418	752	0	0	0
140070	88	CONTEL OF VERMONT	36,925	46,149	83,074	655	2,098	2,752
140058	88	LUDLOW TEL CO	3,172	3,966	7,139	0	0	0
140061	88	NORTHFIELD TEL CO	3,068	3,834	6,902	0	0	0
140062	88	PERKINSVILLE TEL CO	846	1,056	1,902	0	0	0
140068	88	TOPSHAM TEL CO	923	1,154	2,077	0	0	0
140069	88	WAITSFIELD/FAYSTON	4,097	5,125	9,222	91	293	384
643300	88	VIRGIN ISLANDS TEL	66,116	82,624	148,740	604	1,940	2,544
190217	88	AMELIA TEL CORP	1,713	2,140	3,853	0	0	0
190249	88	ROANOKE & BOTETOURT	4,100	5,126	9,225	309	991	1,300
522404	88	ASOTIN TEL - WA	611	763	1,374	0	0	0
522449	88	CONTEL OF THE NW-WA	27,198	33,996	61,194	661	2,116	2,777
522410	88	COWICHE TELEPHONE CO	650	813	1,463	0	0	0
522412	88	ELLENSBURG TEL CO	8,887	11,108	19,995	150	486	636
522417	88	HAT ISLAND TEL CO	6	8	14	0	1	1
522419	88	HOOD CANAL TEL CO	348	435	784	0	0	0
522423	88	INLAND TEL CO -WA	752	940	1,692	0	0	0
522426	88	KALAMA TEL CO	1,249	1,561	2,809	5	16	21
522427	88	LEWIS RIVER TEL CO	2,073	2,590	4,663	10	33	44
522431	88	MASHELL TEL CO INC	847	1,058	1,905	7	21	28
522436	88	PENINSULA TELECOMM	2,745	3,430	6,175	18	59	78
522437	88	PIONEER TEL CO	354	442	796	0	0	0
522442	88	ST JOHN TEL CO	241	301	542	0	0	0
522408	88	TEL UTIL OF WA INC	50,976	63,704	114,679	271	882	1,153
522446	88	TENINO TELEPHONE CO	1,138	1,423	2,561	0	0	0
522447	88	TOLEDO TELEPHONE CO	970	1,213	2,183	0	0	0
522451	88	WESTERN WAHKIAKUM	647	809	1,456	2	8	10
522452	88	WHIDBEY TEL CO.	4,103	5,123	9,225	22	71	93
522453	88	YELM TELEPHONE CO	2,700	3,376	6,076	0	0	0
200278	88	CONTEL OF WV	17,719	22,147	39,866	94	304	399
200259	88	HARDY TEL CO	1,676	2,094	3,770	0	0	0
200270	88	MOUNTAIN STATE TEL	15,113	18,893	34,007	38	124	163
330844	88	BADGER TELECOM, INC.	1,643	2,054	3,696	0	0	0
330851	88	BONDUEL TEL CO	467	584	1,052	0	0	0
330856	88	BURLINGTON B&W	2,153	2,691	4,844	0	0	0
330841	88	CENCOM OF WISCONSIN	10,993	13,740	24,733	71	227	298
330859	88	CENTRAL STATE TEL CO	3,101	3,876	6,977	0	0	0
330895	88	CENTURY OF WISCONSIN	39,178	48,997	88,174	2,411	7,736	10,146
330860	88	CHEQUAMEGON TEL COOP	3,274	4,091	7,365	0	0	0
330870	88	CRANDON TEL CO	756	945	1,702	0	0	0
330876	88	DODGE COUNTY TEL CO	284	355	639	0	0	0
330914	88	EASTCOAST TELECOM	1,286	1,607	2,893	0	0	0
330882	88	FENNIMORE TEL CO	659	824	1,484	0	0	0
330888	88	GREENWOOD TEL CO	484	606	1,090	0	0	0
330891	88	HEADWATERS TEL CO	1,660	2,073	3,732	21	66	87
330936	88	INDIANHEAD TEL CO	984	1,230	2,214	0	0	0
330898	88	LARSEN-READFIELD TEL	633	791	1,423	0	1	1
330908	88	MARQUETTE-ADAMS COOP	1,015	1,269	2,284	12	40	52
330909	88	MIDWAY TEL CO	2,996	3,746	6,742	0	0	0
330913	88	MONROE COUNTY TEL CO	5,899	7,374	13,273	18	58	76

TABLE 4.21 B  
1988 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

F	CODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
330916	88		MOUNT HOREB TEL CO	1,396	1,745	3,141	10	33	44
330917	88		MT VERNON TEL CO	3,090	3,862	6,953	0	0	0
330922	88		NORTH-WEST TEL CO	26,153	32,688	58,841	24	80	105
330931	88		PEOPLES TEL CO	2,375	2,968	5,344	40	127	167
330934	88		PLATTEVILLE TEL CO	4,028	5,035	9,063	61	194	255
330937	88		PRICE COUNTY TEL CO	1,631	2,038	3,670	0	0	0
330940	88		RHINELANDER TEL CO	5,349	6,686	12,035	90	290	379
330945	88		SCANDINAVIA TEL CO	839	1,048	1,887	0	0	0
330950	88		SOLO SPRINGS TEL CO	8,695	10,866	19,561	16	51	67
330952	88		SOUTHEAST TEL OF WISCONSIN	2,689	3,361	6,051	0	0	0
330954	88		STOCKBRIDGE & SHERWD	738	923	1,661	0	0	0
330956	88		UNIVERSAL OF N WISC	4,793	5,988	10,781	15	48	63
330964	88		URBAN TEL CORP	5,395	6,744	12,140	70	226	296
330963	88		UTELCO, INC	7,921	9,899	17,819	79	253	332
330965	88		VALDERS TEL CO	578	723	1,301	0	0	0
330974	88		WOOD COUNTY TEL CO	12,232	15,297	27,529	135	433	567
512291	88		DUBOIS TEL EXCHANGE	1,390	1,737	3,128	1	2	3
512294	*		MEDICINE BOW TEL CO	217	271	488	0	0	0
512251	88		RANGE TEL COOP - WY	1,309	1,636	2,945	0	0	0
512295	88		SILVER STAR TEL-WY	1,072	1,339	2,411	0	0	0
512299	88		TEL. UTIL. OF WY.	2,466	3,081	5,547	12	40	52
512297	88		UNION TELEPHONE CO	3,562	4,452	8,014	0	0	0
512290	88		UTAH-WYOMING TELECOM	291	364	654	0	0	0
TOTAL NON-TIER 1 COS. (584 STUDY AREAS)				3,382,037	4,219,730	7,601,767	91,904	286,342	378,246
TOTAL COST COMPANIES (700 STUDY AREAS)				103,246,949	128,960,997	232,207,946	2,131,493	6,825,804	8,957,299
888888	88		AVERAGE SCHEDULE COMPANIES	1,584,901	1,913,882	3,576,289	56,175	177,347	233,521
TOTAL INDUSTRY				104,831,850	130,874,879	235,784,235	2,187,668	7,003,151	9,190,820

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

TABLE 4.21 C  
1989 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCD	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
250293	89	GTE SOUTH INC. - AL	107,558	133,511	241,069	5,143	21,726	26,869
255181	89	SO CENTRAL BELL-AL	1,246,088	1,700,564	2,946,652	14,895	37,911	52,806
455101	89	MOUNTAIN BELL - AZ	2,070,888	2,569,630	4,640,517	75,496	107,274	182,770
401790	89	CONTEL SYSTEM OF ARKANSAS a	13,055	13,762	26,817	0	0	0
402080	89	GTE SOUTHWEST INC-AR	48,910	61,115	110,025	6,099	1,978	8,077
405211	89	SOUTHWESTERN BELL-AR	661,859	906,064	1,567,923	9,105	103,690	112,796
542302	89	CONTEL OF CALIFORNIA	158,035	167,611	325,647	33,520	56,683	90,203
542319	89	GTC OF CALIFORNIA	2,381,510	2,467,192	4,848,701	2,536	4,242	6,778
545170	89	PACIFIC BELL	9,354,794	10,830,241	20,185,035	39,170	179,510	218,680
542344	89	WEST COAST TEL OF CA	6,420	6,971	13,391	417	384	802
465102	89	MOUNTAIN BELL-CO	2,097,151	2,710,684	4,807,835	64,975	99,294	164,269
135200	89	SOUTHERN NEW ENGLAND	2,167,497	2,865,713	5,033,210	10,813	88,463	99,276
565010	89	DIAMOND STATE TEL	531,905	697,785	1,229,690	0	219	219
575020	89	C & P TEL CO OF WASH	901,856	1,274,910	2,176,766	5,320	2,033	7,354
210340	89	CENDEL OF FLORIDA	285,800	304,633	590,433	0	814	814
210328	89	GTE FLORIDA INC.	1,598,596	2,007,587	3,606,183	29,612	30,860	60,472
215191	89	SOUTHERN BELL-FL	5,110,152	5,773,363	10,883,515	17,901	10,284	28,185
210341	89	UTC OF FLORIDA	1,054,080	1,080,848	2,134,928	77,713	157,998	235,711
220479	89	GTE SOUTH INC. - GA	105,186	168,594	273,780	6,744	25,487	32,231
225192	89	SOUTHERN BELL-GA	3,273,110	3,854,705	7,127,815	6,060	23,604	29,664
623100	89	GTE HAWAIIAN TEL. CO	573,747	580,084	1,153,832	12,244	11,752	23,996
472416	89	GTE NORTHWEST INC-ID	105,164	128,119	233,283	4,801	18,651	23,452
475103	89	MOUNTAIN BELL-ID	326,857	475,218	802,075	11,239	30,637	41,876
475162	89	PACIFIC NW BELL-ID	22,674	32,171	54,845	276	240	516
340985	89	CENDEL OF ILLINOIS	181,629	163,021	344,650	490	1,648	2,138
341015	89	GTE NORTH INC. - IL	314,184	410,209	724,394	3,081	28,887	31,968
345070	89	ILLINOIS BELL TEL CO	4,923,336	6,014,253	10,937,589	19,757	109,809	129,565
320772	89	GTE NORTH INC. - IN	488,670	622,947	1,111,616	11,698	85,873	97,572
325080	89	INDIANA BELL TEL CO	1,288,871	1,969,934	3,258,805	17,730	82,564	100,294
320832	89	UTC OF INDIANA	117,985	153,639	271,623	1,797	8,340	10,137
351790	89	CONTEL SYSTEM OF IOWA a	36,259	31,752	68,011	2,891	3,962	6,853
351186	89	GTE NORTH INC. - IA	55,823	68,652	124,475	1,505	3,522	5,027
355141	89	NORTHWESTERN BELL-IA	728,041	1,183,192	1,911,233	115,322	183,633	298,955
415214	89	SOUTHWESTERN BELL-KS	1,049,751	1,247,502	2,297,254	26,968	126,468	153,436
411842	89	UTC OF KANSAS	64,503	55,511	120,014	213	2,462	2,674
265061	89	CINCINNATI BELL-KY	96,827	134,533	231,360	157	1,241	1,398
260407	89	GTE SOUTH INC. - KY	244,406	360,999	605,405	6,106	21,898	28,003
265182	89	SO CENTRAL BELL-KY	784,928	1,022,477	1,807,406	22,743	44,377	67,120
275183	89	SO CENTRAL BELL-LA	1,574,279	2,035,107	3,609,386	24,296	53,885	78,182
105111	89	NEW ENGLAND TEL-ME	498,502	611,875	1,110,376	1,340	34,280	35,620
185030	89	C & P TEL CO OF MD	2,746,703	3,301,529	6,048,232	8,902	63,387	72,289
115112	89	NEW ENGLAND TEL-MA	3,936,360	4,563,847	8,500,207	5,545	30,232	35,777
310695	89	GTE NORTH INC. - MI	269,143	334,124	603,267	3,500	40,002	43,502
315090	89	MICHIGAN BELL TEL CO	2,794,678	3,755,215	6,549,893	24,949	154,259	179,208
361367	89	CENDEL OF MN	43,846	38,564	82,410	852	0	852
361186	89	GTE NORTH INC. - MN	1,697	1,953	3,651	162	156	318
365142	89	NORTHWESTERN BELL-MN	1,249,363	1,880,444	3,129,806	57,421	162,237	219,658
361456	89	UTC OF MINNESOTA	51,500	60,605	112,105	759	2,155	2,915
285184	89	SO CENTRAL BELL-MS	931,683	1,207,098	2,138,780	18,272	63,223	81,495
421186	89	GTE NORTH INC. - MO	69,154	95,638	164,793	162	3,259	3,421
425213	89	SOUTHWESTERN BELL-MO	1,789,976	2,348,590	4,138,565	55,433	166,273	221,706
421957	89	UTC OF MISSOURI	136,543	145,076	281,619	3,309	10,540	13,849
482416	89	GTE NORTHWEST INC-MT	6,236	7,703	13,939	1,344	747	2,092
485104	89	MOUNTAIN BELL-MT	298,655	393,040	691,695	17,594	39,981	57,575
371186	89	GTE NORTH INC. - NE	24,916	34,345	59,261	418	527	945
371568	89	LINCOLN TEL & TEL CO	158,216	225,139	383,355	1,897	12,969	14,865
375143	89	NORTHWESTERN BELL-NE	381,161	603,906	985,067	26,875	66,463	93,338
371595	89	UTC OF THE WEST-NE	24,084	26,255	50,339	468	1,605	2,073
552348	89	CENDEL OF NV	690,200	674,924	1,365,123	3,519	2,371	5,889
555173	89	NEVADA BELL	305,015	335,378	640,394	9,049	27,197	36,245
125113	89	NEW ENGLAND TEL-NH	857,046	1,011,182	1,868,228	1,279	18,035	19,313
165120	89	NEW JERSEY BELL	6,073,984	7,412,150	13,486,134	6,738	54,160	60,898
160138	89	UNITED TEL - NJ, INC	162,998	183,996	346,994	4,777	21,354	26,131
492080	89	GTE SOUTHWEST INC-NM	43,010	48,193	91,203	0	4	4
495105	89	MOUNTAIN BELL-NM	589,279	820,218	1,409,497	39,532	101,837	141,369
150096	89	CONTEL OF NY, INC	112,494	152,371	264,864	7,311	44,225	51,536
155130	89	NEW YORK TEL CO	10,194,154	11,558,520	21,752,674	51,984	315,481	367,465
150121	89	ROCHESTER TEL CORP	342,105	451,614	793,719	7,431	19,478	26,909



TABLE 4.21 C  
1989 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
230470	89	CAROLINA TEL & TEL	687,641	819,178	1,506,819	9,855	73,410	83,265
230471	89	CENTEL OF NC	113,324	165,527	278,851	347	499	847
230479	89	GTE SOUTH INC - NC	159,159	199,895	359,053	804	331	1,135
235193	89	SOUTHERN BELL-NC	1,618,700	2,008,638	3,627,338	25,383	6,613	31,997
385144	89	NORTHWESTERN BELL-ND	227,111	306,143	533,253	5,400	33,514	38,914
300630	89	CENTEL OF OHIO	35,043	54,227	89,271	77	635	712
305062	89	CINCINNATI BELL-OH	525,849	763,852	1,289,701	9,913	15,791	25,704
300615	89	GTE NORTH INC. - OH	353,266	492,689	845,954	4,883	55,752	60,635
305150	89	OHIO BELL TEL CO	2,429,479	3,277,332	5,706,811	22,972	56,068	79,040
300661	89	UTC OF OHIO	276,992	389,708	666,700	20,653	71,158	91,811
432080	89	GTE SOUTHWEST INC-OK	83,827	92,988	176,815	282	1,049	1,331
435215	89	SOUTHWESTERN BELL-OK	1,157,572	1,443,859	2,601,431	39,152	129,815	168,967
532416	89	GTE NORTHWEST INC-OR	280,067	335,269	615,336	6,544	6,724	13,268
535163	89	PACIFIC NW BELL-OR	884,205	1,351,360	2,235,564	4,777	22,680	27,457
532400	89	UTC OF THE NW - OR	37,229	43,535	80,763	2,266	10,482	12,748
175000	89	BELL OF PENNSYLVANIA	4,144,004	5,780,555	9,924,559	10,329	109,090	119,419
170169	89	GTE NORTH INC. - PA	261,880	381,793	643,674	4,334	15,162	19,496
170209	89	UTC OF PENNSYLVANIA	186,297	250,149	436,446	7,614	40,194	47,809
633201	89	PUERTO RICO TEL CO	399,080	537,448	936,528	5,996	106,344	112,339
585114	89	NEW ENGLAND TEL - RI	671,952	802,760	1,474,712	1,178	1,980	3,158
240479	89	GTE SOUTH INC. - SC	141,681	177,662	319,343	6,123	9,505	15,629
245194	89	SOUTHERN BELL-SC	1,105,181	1,431,594	2,536,775	11,107	5,396	16,503
240506	89	UTC OF THE CAROLINAS	64,122	75,379	139,500	1,636	9,789	11,425
395145	89	NORTHWESTERN BELL-SD	219,588	303,325	522,913	32,816	71,494	104,311
290479	89	GTE SOUTH INC. - TN	30,927	51,295	82,222	1,358	11,668	13,026
295185	89	SO. CENTRAL BELL -TN	1,868,778	2,428,835	4,297,613	42,425	63,160	105,585
290567	89	UNITED INTER-MT-TN	136,285	221,457	357,742	5,727	9,097	14,823
442114	89	CENTEL OF TEXAS	128,952	112,614	241,566	26	122	148
442154	89	CONTEL OF TEXAS	60,348	62,321	122,669	10,831	26,943	37,774
442080	89	GTE SOUTHWEST INC-TX	752,431	940,528	1,692,959	9,084	23,983	33,067
445216	89	SOUTHWESTERN BELL-TX	5,146,164	6,618,778	11,764,942	105,796	312,917	418,713
442084	89	UTC OF TEXAS INC	31,969	43,231	75,200	7,118	15,949	23,067
505107	89	MOUNTAIN BELL-UT	642,075	914,097	1,556,172	44,051	48,870	92,921
145115	89	NEW ENGLAND TEL-VT	320,667	402,635	723,303	4,312	19,843	24,155
190254	89	CENTEL OF VIRGINIA	181,748	227,737	409,484	1,366	1,350	2,715
195040	89	C & P TEL CO OF VA	2,874,319	3,368,651	6,242,971	4,895	77,731	82,625
190233	89	CONTEL OF VIRGINIA	423,053	458,521	881,574	1,749	7,874	9,623
190479	89	GTE SOUTH INC. - VA	19,726	30,966	50,692	1,017	9,468	10,486
190567	89	UNITED INTER-MT-VA	64,016	92,041	156,057	2,906	11,833	14,739
522416	89	GTE NORTHWEST INC-WA	447,807	506,837	954,643	7,531	5,292	12,824
525161	89	PACIFIC NW BELL-WA	1,610,209	2,222,798	3,833,007	9,073	24,856	33,929
522400	89	UTC OF THE NW-WA	39,076	42,765	81,841	3,232	13,558	16,790
205050	89	C & P TEL CO OF WV	541,377	723,576	1,264,953	5,607	72,841	78,448
200479	89	GTE SOUTH INC. - WV	59,718	82,417	142,135	1,597	7,487	9,084
330886	89	GTE NORTH INC. - WI	201,032	271,070	472,102	1,299	29,295	30,594
335220	89	WISCONSIN BELL	1,208,164	1,858,835	3,067,000	6,427	115,817	122,243
515108	89	MOUNTAIN BELL-WY	272,247	311,315	583,563	12,516	39,806	52,322
511595	89	UTC OF THE WEST-WY	6,464	7,117	13,582	499	421	920
TOTAL TIER 1 COMPANIES (116 STUDY AREAS)			114,065,880	142,053,597	256,119,477	1,574,534	5,032,401	6,606,935
250302	89	ALLTEL ALABAMA	14,351	11,425	25,777	958	1,707	2,664
250284	89	BUTLER TEL CO	4,061	3,204	7,265	0	0	0
250281	89	CONTEL OF THE SOUTH	44,208	56,964	101,172	332	5,713	6,045
250297	89	GROVE HILL TEL CORP	1,076	846	1,921	0	0	0
250298	89	GULF TEL CO - AL	31,132	24,131	55,263	1,308	2,308	3,616
250300	89	HOPPER TEL. CO INC	1,104	864	1,968	0	0	0
250304	89	MILLRY TEL CO	4,224	3,329	7,554	364	643	1,007
250306	89	MONROEVILLE TEL CO	10,660	8,476	19,136	1,274	2,237	3,511
250314	89	PEOPLES TEL CO	9,173	7,155	16,329	0	0	0
250316	89	RAGLAND TEL CO	467	369	836	0	0	0
250318	89	SOUTHLAND TEL CO-AL	10,171	8,104	18,275	268	544	811
613000	89	ANCHORAGE TEL UTIL	190,499	148,916	339,415	0	0	0
613001	89	ARCTIC SLOPE TEL	3,811	2,913	6,725	0	0	0
613003	89	BRISTOL BAY TEL COOP	1,718	1,240	2,959	0	0	0
613004	89	BUSH-TELL INC.	273	216	489	0	0	0
613006	89	COPPER VALLEY TEL	7,868	5,720	13,588	0	0	0
613007	89	CORDOVA TEL COOP	2,950	2,172	5,122	0	0	0

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
613008	89	FAIRBANKS MUNICIPAL	38,218	29,981	68,199	0	0	0
613010	89	GLACIER STATE TEL CO	54,520	42,487	97,008	0	0	0
613009	89	GTE ALASKA INC.	14,753	13,481	28,234	0	0	0
613011	89	INTERIOR TEL CO INC	6,132	4,652	10,784	0	0	0
613012	89	JUNEAU & DOUGLAS TEL	31,464	25,202	56,667	0	0	0
613013	89	KETCHIKAN PUBLIC UT	13,902	10,722	24,624	288	488	775
613015	89	MATANUSKA TEL ASSOC	36,981	28,882	65,863	0	0	0
613016	89	MUKLUK TEL CO INC	440	346	786	0	0	0
613018	89	NUSHAGAK TEL COOP	1,420	1,066	2,486	0	0	0
613019	89	OTZ TEL COOPERATIVE	1,862	1,419	3,281	0	0	0
613020	89	SITKA TELEPHONE CO	13,975	10,668	24,643	0	0	0
613022	89	TEL UTIL OF ALASKA	6,595	5,105	11,699	0	0	0
613023	89	UNITED UTILITIES INC	1,824	1,413	3,237	0	0	0
613025	89	YUKON TEL CO INC	369	274	642	0	0	0
452171	89	ARIZONA TELEPHONE CO	1,259	974	2,233	0	0	0
452172	89	CITIZENS UTILITIES	91,087	71,928	163,015	5,324	9,536	14,860
452302	89	CONTEL CALIF - AZ	6,969	7,139	14,108	521	1,730	2,250
452177	89	CONTEL OF WEST-AZ	15,757	18,918	34,675	70	2,602	2,672
452275	89	NAVAJO COMMUN-AZ	11,722	9,157	20,879	189	350	539
452173	89	PAPAGO TRIBAL UTIL.	610	488	1,098	0	0	0
452175	89	UNIVERSAL TEL OF SW	968	754	1,722	5	8	14
452176	89	VALLEY TEL COOP-AZ	2,349	1,872	4,221	19	30	48
401691	89	ALLTEL ARKANSAS INC	60,795	47,433	108,228	715	1,329	2,044
401692	89	ARKANSAS TEL CO	5,667	4,444	10,111	0	0	0
401697	89	CENTRAL ARKANSAS TEL	1,579	1,234	2,813	0	0	0
401705	89	CENTURY OF ARKANSAS	12,101	9,559	21,660	188	353	541
401698	89	CLEVELAND COUNTY TEL	1,509	1,194	2,703	0	0	0
401730	89	CONTEL OF ARKANSAS	56,479	59,509	115,988	463	552	1,015
401699	89	DECATUR TEL CO INC	758	589	1,347	3	5	8
401709	89	MADISON COUNTY TEL	2,027	1,593	3,619	0	0	0
401711	89	MOUNTAIN HOME TEL	18,384	14,550	32,934	366	715	1,081
401713	89	NORTH ARKANSAS TEL	5,734	4,580	10,313	0	0	0
401717	89	PERCO TELEPHONE CO	1,675	1,351	3,026	37	75	112
401720	89	REDFIELD TEL CO	1,156	904	2,060	22	41	63
401702	89	SOUTH ARKANSAS TEL	2,777	2,208	4,985	0	0	0
401726	89	TRI-COUNTY TEL CO-AR	3,758	3,015	6,772	51	102	153
401727	89	UNION TEL CO INC	1,225	966	2,191	10	17	27
401729	89	WALNUT HILL TEL CO	10,556	10,671	21,226	0	0	0
401733	89	YELCOT TEL CO INC	2,897	2,341	5,238	50	99	149
401734	89	YELL COUNTY TEL CO	2,913	2,298	5,211	43	120	164
542304	89	C P NATIONAL CORP-CA	7,667	5,897	13,564	725	1,292	2,017
542301	89	CALAVERAS TEL CO	781	605	1,386	139	245	384
542311	89	CALIF-OREGON TEL CO	2,848	2,149	4,997	142	246	388
542308	89	CITIZENS UTIL OF CA	38,211	29,902	68,114	4,098	7,289	11,388
542313	89	DUCOR TELEPHONE CO	182	151	333	41	71	112
542315	89	EVANS TEL CO.	4,475	3,501	7,977	2,621	4,875	7,496
542318	89	FORESTHILL TEL CO.	890	690	1,580	0	0	0
542321	89	HAPPY VALLEY TEL CO	1,306	1,033	2,339	18	29	47
542322	89	HORNITOS TEL CO	356	287	643	3	5	8
542324	89	KERMAN TELEPHONE CO	1,961	1,563	3,524	236	419	655
542346	89	PINNACLES TEL CO	147	114	261	13	22	34
542332	89	PONDEROSA TEL CO	2,411	1,889	4,300	44	70	114
542334	89	ROSEVILLE TEL CO	45,499	35,578	81,077	8,066	16,144	24,210
542338	89	SIERRA TELEPHONE CO	7,516	5,896	13,411	583	1,064	1,646
542339	89	SISKIYOU TEL CO	2,997	2,337	5,335	235	407	642
542342	89	TUOLUMNE TEL CO	1,813	1,389	3,202	313	553	866
542343	89	VOLCANO TEL CO	3,105	2,449	5,554	0	0	0
542323	89	WINTERHAVEN TEL. CO.	2,979	2,342	5,321	58	100	158
462192	89	BIG SANDY TELCOMM	498	395	894	44	78	122
462181	89	BIJOU TEL COOP ASSOC	1,099	869	1,967	0	0	0
462182	89	BLANCA TEL CO	545	417	962	0	0	0
462204	89	COLUMBINE TEL CO	953	746	1,699	0	0	0
462184	89	DELTA COUNTY TEL CO	5,587	4,330	9,917	59	118	177
462185	89	EAGLE TELECOMM INC	8,017	6,215	14,232	1,332	2,550	3,882
462186	89	EASTERN SLOPE RURAL	3,539	2,784	6,323	130	218	349
462187	89	EL PASO COUNTY TEL	1,657	2,057	3,714	0	0	0
462188	89	FARMERS TEL CO - CO	386	299	685	2	3	5
462190	89	HAXTUN TEL CO	1,046	856	1,902	0	0	0

TABLE 4.21 C  
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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
462193	89	NUCLA-NATURITA TEL	1,007	791	1,798	0	0	0
462194	89	NUNN TEL CO	242	189	430	20	34	54
462196	89	PEETZ COOP TEL CO	309	243	552	14	24	37
462199	89	PLAINS COOP TEL ASSN	1,354	1,069	2,422	0	0	0
462203	89	RYE TELEPHONE CO	1,414	1,107	2,521	7	13	20
462207	89	STRASBURG TEL CO	805	640	1,446	204	354	557
461835	89	SUNFLOWER TEL - CO	392	306	698	0	0	0
462208	89	UNIVERSAL TEL CO -CO	6,012	4,667	10,678	276	482	758
462209	89	WIGGINS TEL ASSOC	1,098	866	1,964	0	0	0
210336	89	ALLTEL FLORIDA INC.	44,934	35,867	80,801	2,312	4,241	6,553
210291	89	FLORALA TEL CO	3,172	2,537	5,709	18	29	47
210329	89	GULF TEL CO	5,752	4,541	10,293	622	1,193	1,815
210331	89	INDIANTOWN SYSTEM	1,939	1,520	3,459	1,054	2,002	3,057
210335	89	NORTHEAST FLORIDA	4,159	3,256	7,416	2,287	4,364	6,651
210338	89	QUINCY TEL CO-FL DIV	7,742	6,033	13,775	0	0	0
210339	89	SAINT JOSEPH TEL & TEL	17,066	13,331	30,397	2,822	5,491	8,314
210318	89	SOUTHLAND TEL-FL	2,907	2,308	5,215	212	412	624
210330	89	VISTA-UNITED TELCOM	17,627	13,865	31,491	11,229	22,141	33,370
220344	89	ALMA TEL CO	3,208	2,532	5,740	310	551	860
220347	89	BRANTLEY TEL CO	2,236	1,760	3,996	31	58	90
220351	89	CAMDEN TEL & TEL CO	21,515	16,572	38,087	2,042	3,844	5,886
220355	89	CITIZENS TEL CO - GA	2,412	1,890	4,302	0	0	0
220356	89	COASTAL UTILITIES	31,644	24,511	56,156	4,933	8,978	13,912
220281	89	CONTEL OF SOUTH - GA	32,397	39,032	71,429	1,385	9,898	11,283
220358	89	DARIEN TEL CO	2,930	2,315	5,245	0	0	0
220360	89	ELLIJAY TEL CO	3,966	3,112	7,078	315	633	948
220371	+	INTERSTATE TEL CO	7,310	9,139	16,449	0	0	0
220377	89	PINELAND TEL COOP	5,328	4,213	9,541	0	0	0
220379	89	PLANT TEL. CO.	4,296	3,378	7,674	689	1,359	2,048
220381	89	PUBLIC SERVICE TEL	3,713	2,924	6,636	1,303	2,252	3,555
220338	89	QUINCY TEL CO-GA DIV	961	749	1,710	0	0	0
220386	89	STANDARD TEL CO	30,105	23,155	53,260	2,771	5,661	8,432
220392	89	WAVERLY HALL TEL CO	1,241	986	2,227	0	0	0
220394	89	WILKES TEL & ELC CO	5,387	4,210	9,597	0	0	0
472213	89	ALBION TEL CO INC	1,203	939	2,142	0	0	0
472215	89	CAMBRIDGE TEL CO	917	703	1,620	0	0	0
472225	89	CENTURY TEL OF IDAHO	4,044	3,195	7,239	95	163	258
472177	89	CONTEL OF WEST-ID	10,701	11,038	21,738	12	446	458
472218	89	CUSTER TEL COOP	2,438	1,921	4,360	0	0	0
472223	89	GEM STATE UTIL-ID	1,094	849	1,943	168	332	500
472423	89	INLAND TEL-ID	318	251	569	0	0	0
472226	89	MIDVALE TEL EXCH INC	282	219	501	78	139	217
472231	89	PROJECT MUTUAL TEL	5,386	4,243	9,629	0	0	0
472232	89	ROCKLAND TEL CO INC	348	272	621	0	0	0
472233	89	RURAL TEL CO - ID	213	157	370	2	4	6
472295	89	SILVER STAR TEL- ID	389	303	691	0	0	0
472234	89	TROY TELEPHONE CO	944	745	1,689	0	0	0
341000	89	ALLTEL ILLINOIS INC.	39,930	31,674	71,604	679	1,313	1,992
341036	89	CONTEL OF ILLINOIS	102,263	140,143	242,406	7,925	11,290	19,215
341004	89	EL PASO TEL CO	1,169	918	2,087	18	34	52
341023	89	GRIDLEY TEL CO	889	713	1,602	21	40	60
341037	89	IL CONSOLIDATED TEL	51,561	40,751	92,312	14,456	29,139	43,595
341038	89	INLAND TEL CO	2,550	2,030	4,580	44	85	128
341045	89	LEAF RIVER VLY TEL	371	297	667	0	0	0
341055	89	MIDLAND TEL CO	2,423	1,923	4,346	19	32	51
341060	89	MOULTRIE INDEPENDENT	275	218	493	2	4	6
320753	89	CLAY CTY RURAL COOP	4,534	3,580	8,114	0	0	0
320776	89	COMM CORP OF INDIANA	5,930	4,654	10,584	0	0	0
320779	89	CONTEL OF INDIANA	98,512	98,317	196,829	16,290	17,570	33,861
320797	89	NEW PARIS TEL INC	1,282	1,028	2,310	37	77	114
320800	89	NORTHWESTERN INDIANA	9,776	7,688	17,463	27	43	71
351346	89	ACE TEL ASSN-IA	2,747	2,138	4,886	0	0	0
351105	89	AYRSHIRE FARMERS MUT	238	190	428	6	10	16
351110	89	BERNARD TEL CO INC	269	215	485	60	104	165
351127	89	CENDEL OF IOWA	25,788	23,768	49,556	2,217	0	2,217
351207	89	CONTEL OF IOWA, INC.	38,916	46,528	85,444	3,096	3,478	6,574
351888	89	GRAND RIVER MUT-IA	6,778	5,372	12,150	131	244	375
351229	89	LOST NATION-ELWOOD	368	291	660	61	106	167

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
351316	89	UNITED FARMERS TEL	524	419	943	0	0	0
351327	89	WEBB-DICKENS TEL	17,677	22,104	39,781	1,020	0	1,020
411741	89	ASSARIA TEL EXCHANGE	265	211	476	0	0	0
411746	89	BLUE VALLEY TEL CO	1,634	1,295	2,929	0	0	0
411818	89	CRAW-KAN TEL COOP	9,730	7,578	17,308	0	0	0
411761	89	CUNNINGHAM TEL CO	822	645	1,467	0	0	0
411764	89	ELKHART TEL CO INC	2,098	1,657	3,754	28	55	83
411781	89	H & B COMMUNICATIONS	819	645	1,463	13	24	37
411782	89	HOME TEL CO	1,016	800	1,816	0	0	0
411785	89	J. B. N. TEL CO INC	1,119	1,407	2,525	0	0	0
411788	89	KANOKLA TEL ASSN-KS	1,823	1,453	3,276	29	55	84
411801	89	MADISON TEL CO INC	594	472	1,065	0	0	0
411807	89	MOKAN DIAL INC-KS	1,755	1,377	3,132	0	0	0
411808	89	MOUNDRIDGE TEL CO	1,444	1,169	2,613	0	0	0
411814	89	PEOPLES MUTUAL TEL	1,041	813	1,854	0	0	0
411817	89	PIONEER TEL ASSN INC	11,706	9,194	20,901	0	0	0
411826	89	RURAL TEL SERVICE CO	4,246	3,344	7,590	64	109	174
411827	89	S & T TEL COOP ASSN	1,271	1,002	2,273	0	0	0
411831	89	SOUTH CENTRAL TEL - KS	696	544	1,240	0	0	0
411835	89	SUNFLOWER TEL CO	3,466	2,710	6,176	0	0	0
412030	89	TOTAH TELEPHONE CO	1,233	966	2,199	0	0	0
411840	89	TWIN VALLEY TEL INC	1,126	899	2,025	0	0	0
411841	89	UNITED TEL ASSN	3,857	2,941	6,799	0	0	0
411317	*	UTC-E. KANSAS	1,029	1,285	2,314	0	0	0
411957	*	UTC-SE KANSAS	1,029	1,285	2,314	0	0	0
411847	89	WHEAT STATE TEL	1,191	928	2,119	0	0	0
411849	89	WILSON TEL CO INC	986	786	1,772	0	0	0
411852	89	ZENDA TEL COMPANY	120	95	214	0	0	0
260410	89	CONTEL OF KENTUCKY	34,629	51,084	85,713	164	1,075	1,240
270431	89	CADDOAN TEL CO	8,039	6,373	14,411	1,183	2,098	3,282
270425	89	CAMERON TEL CO - LA	4,581	3,588	8,168	416	800	1,217
270423	89	CENTRAL LOUISIANA	8,994	7,148	16,143	2,170	3,831	6,002
270440	89	CENTURY TEL CO	1,433	1,130	2,563	358	632	990
270436	89	CENTURY TEL NORTH LA	4,046	2,872	6,918	698	1,211	1,909
270424	89	COASTAL TEL & ELECTR	4,643	3,678	8,321	1,565	2,797	4,362
270429	89	EAST ASCENSION TEL	13,181	10,373	23,553	3,190	5,731	8,921
270430	89	ELIZABETH TEL CO	1,138	894	2,032	77	148	224
270434	89	EVANGELINE TEL CO	13,914	11,014	24,928	4,780	8,706	13,487
270433	89	LAFOURCHE TEL CO	5,674	4,451	10,125	1,505	2,681	4,186
270442	89	LOUISIANA WESTERN	2,937	2,334	5,271	599	1,075	1,674
270435	89	NORTHEAST LOUISIANA	944	749	1,692	253	455	709
270438	89	RESERVE TEL CO	3,312	2,612	5,925	676	1,160	1,836
100004	89	CHINA TEL CORP	2,239	1,763	4,002	49	84	133
100014	89	CONTEL OF MAINE	28,145	35,666	63,811	1,511	7,449	8,960
100010	89	HAMPDEN TEL CO	1,903	1,504	3,407	0	0	0
100011	89	HARTLAND & ST ALBANS	2,393	1,878	4,271	0	0	0
100003	89	LINCOLNVILLE TEL CO	1,226	938	2,164	141	268	410
100024	89	SOMERSET TEL CO	8,461	6,767	15,228	0	0	0
100025	89	STANDISH TEL CO	6,188	4,838	11,026	463	913	1,376
100027	89	UNION RIVER TEL CO	615	486	1,101	0	0	0
100029	89	UNITY TEL CO., INC.	3,291	2,619	5,911	943	1,777	2,719
100031	89	WARREN TEL CO	1,375	1,083	2,459	0	0	0
100034	89	WEST PENOBSCOT TEL	1,505	1,179	2,684	0	0	0
310704	89	ACE TEL OF MICHIGAN	2,231	1,762	3,994	0	0	0
310681	89	ALLTEL MICHIGAN INC.	31,992	25,183	57,175	790	1,534	2,324
310679	89	BLOOMINGDALE TEL CO	995	777	1,772	6	11	17
310682	89	C, C & S TELCO - MI	8,638	10,381	19,018	0	0	0
310683	89	CARR TEL CO	522	396	918	0	0	0
310671	*	CENTURY TEL MIDWEST	2,362	2,950	5,312	0	0	0
310702	89	CENTURY TEL OF MICHIGAN	21,211	16,586	37,797	841	1,606	2,447
310685	89	CHATHAM TEL CO - MI	1,575	1,236	2,811	0	0	0
310680	89	CHIPPEWA COUNTY TEL	463	356	820	0	0	0
310713	89	HIAWATHA TEL CO	2,694	2,097	4,791	97	169	266
310711	89	MIDWAY TEL CO	492	386	878	0	0	0
310714	89	OGDEN TEL CO	388	304	691	3	6	9
310717	89	ONTONAGON COUNTY TEL	3,231	2,570	5,801	29	61	90
310721	89	PIGEON TEL CO	1,350	1,077	2,427	28	49	78
310728	89	SPRINGPORT TEL CO	840	673	1,513	4	7	12

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310732	+	UPPER PENINSULA TEL	2,362	2,950	5,312	0	0	0
310737	89	WINN TEL CO	286	229	516	22	39	62
310738	89	WOLVERINE TEL CO	3,403	2,725	6,128	0	0	0
361346	89	ACE TEL ASSN-MN	9,346	7,188	16,534	0	0	0
361374	89	ARROWHEAD COMM CORP	288	224	513	35	62	97
361350	89	ARVIG TEL CO	4,480	3,440	7,920	40	64	104
361370	89	CLARA CITY TEL EXCH	727	574	1,300	0	0	0
361140	89	CONTEL OF MINNESOTA	48,157	58,617	106,774	2,373	2,801	5,174
361385	89	EAST OTTER TAIL TEL	8,229	6,476	14,705	806	1,419	2,225
361395	89	GARDEN VALLEY TEL CO	10,009	8,075	18,084	207	353	561
361410	89	JOHNSON TEL CO	749	578	1,327	0	0	0
361414	89	LAKEDALE TEL CO	3,571	2,809	6,380	289	505	794
361433	89	MID STATE TEL CO	3,253	2,553	5,806	0	0	0
361442	89	NEW ULM TELECOM, INC	6,075	4,834	10,910	0	0	0
361451	89	PAUL BUNYAN RURAL	3,774	2,973	6,747	0	0	0
361483	89	SLEEPY EYE TEL CO	3,021	2,423	5,444	0	0	0
361491	89	TWIN VALLEY-ULEN TEL	1,911	1,508	3,419	0	0	0
280453	89	ALLTEL MISSISSIPPI	7,187	5,723	12,909	1,301	2,385	3,686
280446	89	BAY SPRINGS TEL CO	7,093	5,653	12,746	0	0	0
280452	89	DELTA TEL CO	1,925	1,513	3,438	0	0	0
280454	89	FRANKLIN TEL CO - MS	4,104	3,210	7,314	0	0	0
280456	*	GEORGETOWN TEL CO	2,362	2,950	5,312	0	0	0
280458	89	HOME TEL CO-OLIVE BR	21,327	16,842	38,169	1,654	2,926	4,580
280459	89	HUGHES TEL CO	3,431	2,692	6,123	372	643	1,015
280461	89	SOUTHEAST MS TEL CO	1,605	1,093	2,698	0	0	0
421885	89	ALLTEL MISSOURI	18,299	14,477	32,775	71	123	194
421865	89	CITIZENS TEL CO - MO	2,057	1,634	3,691	297	549	846
421922	89	CONTEL OF MISSOURI	97,291	122,998	220,289	8,351	18,448	26,799
421846	89	CONTINENTAL SYS. -MO	24,154	30,464	54,617	3,025	3,647	6,673
421873	89	EASTERN MISSOURI TEL	1,423	1,113	2,537	10	17	27
421882	89	FIDELITY TEL CO	5,463	4,330	9,793	0	0	0
421886	+	GOODMAN TEL CO	1,029	1,285	2,314	0	0	0
421888	89	GRAND RIVER MUT-MO	8,969	7,091	16,060	452	867	1,319
421929	89	HOLWAY TEL CO	333	259	592	4	6	10
421901	89	KINGDOM TELEPHONE CO	1,768	1,398	3,166	510	816	1,326
421908	89	LE-RU TELEPHONE CO	1,158	908	2,066	0	0	0
421904	89	MISSOURI TEL CO	10,912	8,559	19,471	149	263	413
421807	89	MOKAN DIAL INC-MO	681	540	1,221	0	0	0
421931	89	NE MISSOURI RURAL	2,614	2,072	4,686	0	0	0
421934	89	ORCHARD FARM TEL CO	304	239	543	0	0	0
421951	89	STOUTLAND TEL CO	686	543	1,228	0	0	0
482235	89	BLACKFOOT TEL COOP	6,019	4,724	10,743	242	413	655
482241	89	HOT SPRINGS TEL CO	438	354	792	1	1	2
482242	89	INTERBEL TEL COOP	1,318	1,049	2,368	0	0	0
482244	89	LINCOLN TEL CO INC	654	514	1,168	0	0	0
482246	89	MID-RIVERS TEL COOP	5,518	4,334	9,852	70	132	202
482247	89	NEMONT TEL COOP-MT	2,231	1,752	3,983	0	0	0
482248	89	NORTHERN TEL COOP	1,771	1,389	3,160	23	41	64
482249	89	NW TEL SYSTEMS, INC.	38,136	30,781	68,916	5,931	11,388	17,319
482250	89	PROJECT TEL CO	2,951	2,314	5,265	0	0	0
482251	89	RANGE TEL COOP-MT	3,554	2,785	6,339	49	82	131
482254	89	SOUTHERN MONTANA TEL	791	609	1,400	9	16	25
482255	89	THREE-RIVERS TEL COOP	8,408	6,592	15,000	306	499	805
482257	89	TRIANGLE TEL COOP	7,378	5,767	13,145	297	508	804
482258	89	VALLEY RURAL TEL	660	520	1,180	65	113	178
371516	89	ARAPAHOE TEL CO	661	525	1,186	47	82	130
371517	89	ARLINGTON TEL CO	675	538	1,213	56	97	153
372455	89	BENKELMAN TEL CO	1,168	932	2,101	58	101	158
371524	89	BLAIR TEL CO	7,083	5,676	12,760	267	473	740
371526	89	CAMBRIDGE TEL CO -NE	754	604	1,358	0	1	1
371531	89	CLARKS TEL CO	506	405	911	9	16	25
371534	89	COZAD TEL CO	1,693	1,350	3,044	178	311	489
371536	89	CURTIS TEL CO	437	342	779	10	17	27
371537	89	DALTON TEL CO, INC	1,210	944	2,153	0	0	0
371540	89	DILLER TEL CO	464	360	824	0	0	0
371542	89	EASTERN NEBRASKA TEL	2,252	1,797	4,048	170	294	463
371577	89	GREAT PLAINS COMMUN	19,082	15,060	34,142	3,006	5,863	8,869
371557	89	HARTMAN TEL EXCH INC	572	454	1,026	0	0	0

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371558	89	HEMINGFORD COOP TEL	885	703	1,588	49	85	133
371567	89	KEYSTONE-ARTHUR TEL	401	299	700	40	70	110
371574	89	NEBRASKA CENTRAL TEL	4,052	3,167	7,219	209	355	564
371580	89	PETERSBURG TEL CO	165	133	299	9	16	25
371586	89	ROCK COUNTY TEL CO	654	527	1,181	91	157	247
371591	89	SE NEBRASKA TEL CO	2,837	2,192	5,029	0	0	0
371592	89	STANTON TEL CO, INC	737	565	1,303	0	0	0
371525	89	THREE RIVER TELCO	1,045	831	1,876	0	0	0
371597	89	WAUNETA TEL CO	583	468	1,050	36	64	101
552284	+	BEEHIVE TEL CO - NV	163	203	366	0	0	0
552304	89	C P NATIONAL-NV	21,994	16,950	38,944	1,221	2,213	3,434
552349	89	CHURCHILL COUNTY TEL	16,840	13,146	29,986	0	0	0
552302	89	CONTEL OF CALIF-NV	30,478	35,421	65,899	8,580	5,843	14,423
552223	89	GEM STATE UTIL-NV	677	519	1,196	43	79	122
552351	89	LINCOLN CTY TEL SYS	1,893	1,468	3,361	36	65	101
552353	89	MOAPA VALLEY TEL CO.	2,515	1,972	4,487	0	0	0
552354	89	NEVADA TEL-TELEGRAPH	6,313	4,899	11,212	227	408	635
552356	89	RIO VIRGIN TEL CO	2,985	2,326	5,311	57	104	161
552233	89	RURAL TEL CO - NV	968	778	1,746	12	26	38
120038	89	BRETTON WOODS TEL CO	543	421	964	62	123	185
120040	89	CHICHESTER TEL CO	1,402	1,082	2,484	0	0	0
120041	89	CONTEL OF NH	12,371	12,997	25,369	704	2,889	3,592
120039	89	GRANITE STATE TEL	9,490	7,432	16,922	984	1,870	2,854
120045	89	KEARSARGE TEL CO	9,512	7,478	16,991	0	0	0
120046	89	MERIDEN TEL CO	1,011	788	1,798	0	0	0
120047	89	MERRIMAK COUNTY TEL	7,745	6,054	13,799	178	321	499
120049	89	UNION TEL CO	7,572	5,884	13,455	501	981	1,483
120050	89	WILTON TEL CO - NH	4,350	3,418	7,769	11	18	29
160135	89	WARWICK VALLEY-NJ	6,567	7,221	13,788	6	20	27
492259	89	BACA VALLEY TEL CO	747	584	1,331	58	105	163
492177	89	CONTEL OF WEST - NM	20,262	21,570	41,832	51	1,732	1,783
492066	89	DELL TEL CO-OP - NM	292	226	517	0	0	0
492262	89	ENMR TEL COOP INC-NM	10,777	8,346	19,122	44	74	118
492263	89	LA JICARITA RURAL	1,102	868	1,970	0	0	0
492264	89	LEACO RURAL TEL COOP	1,023	788	1,811	0	0	0
492275	89	NAVAJO COMMUN - NM	4,333	3,404	7,737	61	114	174
492270	89	PENASCO VALLEY TEL	1,699	1,308	3,007	12	24	36
492272	89	ROOSEVELT CNTY RURAL	1,599	1,260	2,858	0	0	0
492274	89	UNIVERSAL TEL OF SW	4,753	3,716	8,469	95	165	260
492176	89	VALLEY TEL COOP - NM	1,989	1,584	3,573	5	7	12
492268	89	WESTERN NEW MEXICO	5,802	4,504	10,306	0	0	0
150106	89	ALLTEL NY-FULTON	32,613	25,864	58,476	2,252	4,592	6,843
150109	89	ALLTEL NY-JAMESTOWN	46,146	36,163	82,309	1,111	2,262	3,373
150113	89	ALLTEL NY-RED JACKET	1,179	924	2,103	254	487	741
150072	89	AU SABLE VALLEY TEL	3,146	3,494	6,641	94	537	631
150077	89	CHAMPLAIN TEL CO	5,975	4,677	10,652	1,073	2,061	3,134
150078	89	CHAUTAUQUA & ERIE	4,513	3,585	8,098	2,489	4,652	7,141
150081	89	CITIZENS HAMMOND NY	643	500	1,142	0	0	0
150082	89	CLYMER TEL CO	1,290	1,013	2,303	130	267	397
150085	89	CROWN POINT TEL CORP	617	480	1,097	51	102	153
150091	89	DUNKIRK & FREDONIA	4,585	3,599	8,183	1,060	2,114	3,175
150092	89	EDWARDS TEL CO	961	755	1,716	0	0	0
150093	89	EMPIRE TEL CORP	4,449	3,517	7,966	654	1,277	1,931
150097	89	GERMANTOWN TEL CO	1,510	1,195	2,706	169	330	498
150099	89	HANCOCK TEL CO	1,298	1,017	2,315	188	372	560
150100	89	HIGHLAND TEL CO	45,522	48,894	94,416	1,676	8,629	10,305
150105	89	MIDDLEBURGH TEL CO	2,630	2,077	4,707	393	748	1,141
150108	89	NICHOLVILLE TEL CO	959	752	1,711	141	272	413
150110	89	OGDEN TEL CO	10,456	8,399	18,855	1,756	3,438	5,193
150116	89	PATTERSONVILLE TEL	813	637	1,450	118	230	349
150119	89	RED HOOK TEL CO	9,041	11,637	20,678	384	3,395	3,780
150122	89	SENECA-GORHAM TEL	3,177	3,945	7,122	512	1,697	2,209
150128	89	SYLVAN LAKE TEL CO	10,455	10,208	20,663	402	1,600	2,002
150084	89	TACONIC TEL CORP	20,286	15,840	36,126	2,781	5,364	8,145
150133	89	VERNON TEL CO	1,451	1,134	2,586	240	469	709
150135	89	WARWICK VALLEY-NY	13,201	14,487	27,688	507	3,346	3,852
150136	89	WESTERN COUNTIES TEL	13,848	14,618	28,466	239	4,192	4,432
230476	89	ALLTEL CAROLINA-NO	113,740	90,567	204,307	758	1,528	2,286

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1989 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
230468	89	ATLANTIC MEMBERSHIP	17,438	13,451	30,889	0	0	0
230469	89	BARNARDSVILLE TEL CO	681	537	1,218	0	0	0
230473	89	CITIZENS TEL CO	13,781	10,564	24,345	1,911	3,775	5,686
230474	89	CONCORD TEL CO	51,562	40,663	92,225	9,785	20,517	30,302
230509	89	CONTEL OF NC	61,735	72,757	134,492	2,008	21,862	23,870
230481	89	HEINS TEL CO	15,133	12,063	27,195	1,258	2,366	3,623
230502	89	STAR MEMBERSHIP CORP	7,817	6,146	13,963	2	3	4
230510	89	WILKES MEMBERSHIP	2,596	2,052	4,647	663	1,263	1,925
381607	89	CONSOLIDATED COOP	3,518	2,733	6,251	0	0	0
381447	89	CONTEL OF N. DAKOTA	5,918	7,405	13,323	271	359	630
381616	89	INTER-COMMUNITY TEL	931	734	1,665	6	13	20
381617	89	MIDSTATE TEL CO	1,439	1,147	2,586	13	27	40
381630	89	POLAR COMM MUT AID	7,285	5,755	13,040	0	0	0
381632	+	RESERVATION TEL COOP	2,650	3,313	5,963	16	51	67
381634	89	SOURIS RIVER TEL MUT	15,979	12,609	28,588	0	0	0
381637	89	W. RIVER MUTUAL AID	7,452	5,831	13,283	446	730	1,176
300665	89	ALLTEL OHIO-WEST OH	13,261	10,514	23,775	749	1,447	2,196
300682	89	C, C & S TELCO -OHIO	325	419	744	0	0	0
300597	89	CHILLICOTHE TEL	19,271	14,818	34,089	136	454	590
300607	89	CONTEL OF OHIO	950	758	1,709	0	0	0
300620	89	HARLAN TEL CO	458	362	820	0	0	0
300613	89	LITTLE MIAMI COMM.	865	679	1,543	0	0	0
431965	89	ALLTEL OKLAHOMA INC	8,603	6,746	15,350	0	0	0
431966	89	ATLAS TEL CO	1,424	1,108	2,532	0	0	0
431974	89	CANADIAN VALLEY TEL	573	452	1,024	0	0	0
431976	89	CARNEGIE TEL CO INC	778	623	1,400	0	0	0
431979	89	CHEROKEE TEL CO	5,626	4,448	10,075	0	0	0
431980	89	CHICKASAW TEL CO	4,763	3,749	8,512	0	0	0
431981	89	CHOUTEAU TEL CO	1,559	1,209	2,768	0	0	0
431985	89	CROSS TEL CO	4,475	3,545	8,020	0	0	0
431988	89	DOBSON TEL CO	3,098	2,440	5,538	0	0	0
431994	89	GRAND TEL CO INC	1,439	1,119	2,558	0	0	0
431995	89	HINTON TEL CO	1,644	1,290	2,934	0	0	0
431788	89	KANOKLA TEL ASSN-OK	1,162	920	2,082	11	20	31
432006	89	M-CLOUD TEL CO	4,069	3,224	7,292	0	0	0
432011	89	OKLAHOMA ALLTEL, INC	12,570	9,909	22,479	225	432	657
431984	89	OKLAHOMA COMM SYSTEM	8,777	6,943	15,720	51	87	138
432013	89	OKLAHOMA TEL & TEL	1,003	793	1,795	0	0	0
432014	89	OKLAHOMA WESTERN TEL	1,946	1,533	3,479	0	0	0
432016	89	PANHANDLE TEL COOP	9,245	7,288	16,533	96	203	298
432018	89	PIONEER TEL COOP INC	20,550	16,113	36,663	1,994	3,788	5,783
432020	89	POTTAWATOMIE TEL CO	1,281	1,031	2,312	0	0	0
431831	89	S. CENTRAL TEL - OK	462	362	824	0	0	0
432030	89	TOTAH TELEPHONE CO	1,501	1,185	2,686	0	0	0
432032	89	VALLIANT TEL CO	1,619	1,281	2,900	0	0	0
432034	89	WYANDOTTE TEL CO	648	509	1,157	5	10	15
532404	89	ASOTIN TEL - OR	159	125	283	3	5	9
532359	89	BEAVER CREEK COOP	3,547	2,808	6,355	248	398	646
532304	89	C P NATIONAL CORP-OR	10,897	8,552	19,449	176	320	496
532362	89	CANBY TEL ASSN	7,534	5,921	13,455	0	0	0
532371	89	CASCADE UTIL INC	7,338	5,768	13,106	48	102	150
532363	89	CLEAR CREEK MUTUAL	2,758	2,184	4,942	0	0	0
532364	89	COLTON TEL CO	930	732	1,662	53	91	144
532449	89	CONTEL OF THE NW- OR	15,747	17,455	33,202	52	866	918
532376	89	HELIX TEL CO.	223	170	392	0	0	0
532377	89	HOME TELEPHONE CO	326	259	585	12	21	33
532456	89	MALHEUR HOME TEL CO	15,436	20,570	36,005	182	660	842
532226	89	MIDVALE TEL EXCH -OR	215	167	383	69	122	191
532383	89	MOLALLA TEL CO.	4,315	3,406	7,721	1,363	2,481	3,844
532385	89	MONROE TELEPHONE CO.	596	474	1,070	0	0	0
532387	89	NEHALEM TEL & TEL	1,241	968	2,210	99	174	273
532388	89	NORTH STATE TEL CO.	414	332	746	6	11	17
532389	89	OREGON TEL CORP	1,503	1,181	2,684	30	51	81
532392	89	PINE TEL SYSTEM INC.	814	631	1,445	0	0	0
532393	89	PIONEER TEL COOP	9,851	7,734	17,585	794	1,392	2,186
532375	89	RTI/HALSEY TEL CO	692	546	1,238	106	193	299
532397	89	SCIO MUTUAL TEL ASSN	1,322	1,051	2,373	55	100	155
532361	89	TEL UTIL OF OREGON	35,574	28,234	63,808	2,876	5,055	7,930

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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
532378	89	TRANS-CASCADES TEL	87	67	154	0	1	1
170170	89	CONTEL OF PA	27,866	40,173	68,039	4,312	1,120	5,431
170177	89	LACKAWAXEN TEL CO	3,210	2,484	5,694	0	0	0
170183	89	MAHANAY & MAHANTONGO	766	592	1,358	28	55	83
170192	89	NORTH PENN TEL CO	5,527	4,386	9,913	312	595	907
170194	89	OSWAYO RIVER TEL CO	1,196	1,578	2,773	0	0	0
170201	89	QUAKER STATE TEL CO	27,945	35,286	63,231	1,414	2,729	4,143
170206	89	SUGAR VALLEY TEL CO	573	452	1,024	0	0	0
633200	+	PUERTO RICO COMM	38,586	48,226	86,812	1	5	6
240512	89	BLUFFTON TEL. CO.	5,519	4,238	9,758	26	86	112
240526	89	CONTEL OF SC	12,250	16,786	29,036	237	1,032	1,269
240520	89	FARMERS TEL COOP	48,095	37,572	85,667	0	0	0
240523	89	HARGRAY TEL CO	67,040	51,853	118,893	355	1,180	1,535
240528	+	HORRY TEL COOP	29,649	37,052	66,700	3,085	9,903	12,987
240533	89	MCCLELLANVILLE TEL	1,449	1,131	2,580	0	0	0
240539	89	POND BRANCH TEL CO	4,638	3,626	8,264	1,044	2,038	3,081
240551	89	WILLISTON TEL CO	2,835	2,236	5,071	8	14	23
391647	89	CHEYENNE RIVER SIOUX	1,659	1,307	2,967	0	0	0
391643	89	CONTEL OF S. DAKOTA	5,751	6,087	11,838	858	760	1,618
391659	89	GOLDEN WEST TELECOMM	11,350	8,853	20,203	467	803	1,271
391666	89	JEFFERSON TEL CO -SD	988	770	1,757	16	26	42
391667	89	KADOKA TELEPHONE CO	473	364	837	36	64	100
391668	89	KENNEBEC TEL CO	227	178	406	22	39	61
391689	89	WEST RIVER COOP	1,562	1,212	2,774	36	68	105
290552	89	ADAMSVILLE TEL CO	5,002	3,999	9,001	689	1,222	1,911
290571	89	MILLINGTON TEL CO	20,774	16,353	37,127	3,889	6,596	10,485
290575	89	TENNESSEE TEL CO	34,240	27,054	61,295	6,564	11,333	17,896
290579	89	TWIN LAKES TEL COOP	14,006	11,026	25,033	1,866	3,258	5,124
442121	89	ALLTEL TEXAS INC	1,328	1,064	2,392	1	3	4
442039	89	BIG BEND TEL CO INC	1,821	1,439	3,260	0	0	0
442040	89	BRAZORIA TEL CO	1,808	1,421	3,229	85	163	248
442041	89	BRAZOS TEL COOP INC	340	265	605	14	27	42
440425	89	CAMERON TEL CO TEXAS	476	382	858	0	0	0
442046	89	CAP ROCK TEL CO INC	827	651	1,479	0	0	0
442052	89	CENTRAL TEXAS CO-OP	1,019	810	1,829	42	82	125
442059	89	COLORADO VALLEY TEL	1,459	1,175	2,634	295	505	800
442066	89	DELL TEL. CO-OP - TX	597	468	1,065	0	0	0
442262	89	E N M R TEL COOP-TX	491	388	879	0	0	0
442068	89	EASTEX TEL COOP INC	9,593	7,531	17,124	337	587	924
442070	89	ETEX TEL COOP INC	4,451	3,517	7,968	0	0	0
442071	89	FIVE AREA TEL CO-OP	923	722	1,645	0	0	0
442072	89	FORT BEND TEL CO	16,647	13,085	29,732	0	0	0
442076	89	GANADO TELEPHONE CO	272	214	486	0	0	0
442083	89	GUADALUPE VALLEY TEL	9,643	7,357	17,000	0	0	0
442086	+	HILL COUNTRY CO-OP	2,395	2,992	5,387	36	117	153
442093	89	INDUSTRY TEL CO	338	269	607	0	0	0
442097	89	KERRVILLE TEL CO	7,210	5,685	12,895	2,834	5,457	8,290
442103	89	LA WARD TEL EXCHANGE	262	206	468	0	0	0
442101	89	LAKE DALLAS TEL CO	4,176	3,263	7,440	254	502	756
442104	89	LAKE LIVINGSTON TEL	284	222	506	0	0	0
442109	89	LUFKIN-CONROE TEL EX	31,309	24,713	56,022	10,152	19,564	29,716
442112	89	MID-PLAINS RURAL TEL	1,087	859	1,945	0	0	0
442116	89	MUENSTER TEL CORP-TX	1,181	928	2,109	52	102	153
442117	89	MUSTANG TEL CO	1,237	978	2,215	182	337	520
442130	89	PEOPLES TEL COOP -TX	2,881	2,277	5,158	149	286	435
442131	89	POKA-LAMBRO TEL COOP	1,250	988	2,238	40	73	113
442134	89	RIVIERA TEL CO INC	336	271	607	0	0	0
442136	89	ROMAIN TELEPHONE CO	131	105	236	30	58	88
442135	+	SOUTHWEST TEXAS TEL	499	623	1,121	0	0	0
442147	89	SUGAR LAND TEL CO	35,914	27,503	63,417	1,074	2,428	3,502
442150	89	TATUM TEL CO	310	242	552	0	0	0
442151	89	TAYLOR TEL CO-OP INC	2,363	1,809	4,172	0	0	0
442153	89	TEXAS-MIDLAND TEL	4,719	3,670	8,389	7	12	19
442155	89	TRI - COUNTRY TEL - TX	251	199	450	6	11	17
442156	89	TRINITY VALLEY TEL	2,197	1,795	3,992	203	370	573
442159	+	VALLEY TEL CO-OP -TX	750	937	1,687	0	0	0
442163	89	WATERWOOD COMM INC	167	129	296	41	79	121
442168	89	WES - TEX TEL CO-OP	984	777	1,761	0	0	0



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FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
442166	89	WEST TEXAS RURAL TEL	1,366	1,077	2,443	46	91	137
442170	89	XIT RURAL TEL CO-OP	1,187	925	2,112	1,167	2,115	3,282
502284	89	BEEHIVE TEL CO - UT	446	358	805	0	0	0
502277	89	CENTRAL UTAH TEL INC	480	371	851	0	0	0
502177	89	CONTEL THE WEST - UT	11,084	12,410	23,494	56	1,719	1,775
502278	89	EMERY COUNTY FARMERS	1,970	1,554	3,525	0	1	1
502280	89	KAMAS-WOODLAND TEL	1,106	874	1,980	5	9	14
502275	89	NAVAJO COMMUN - UT	814	630	1,444	10	19	29
502286	89	SOUTH CENTRAL UTAH	2,716	2,107	4,823	0	0	0
502287	89	UINTAH BASIN TEL	1,699	1,325	3,023	0	0	0
502288	89	UT-WY TELECOM	557	439	995	2	4	7
140070	89	CONTEL OF VERMONT	33,647	38,780	72,427	3,762	6,016	9,778
140058	89	LUDLOW TEL CO	4,188	3,437	7,624	0	0	0
140061	89	NORTHFIELD TEL CO	4,926	3,828	8,754	0	0	0
140062	89	PERKINSVILLE TEL CO	1,266	1,035	2,301	0	0	0
140068	89	TOPSHAM TEL CO	1,157	903	2,060	97	200	298
140069	89	WAITSFIELD/FAYSTON	6,104	4,957	11,061	665	1,209	1,875
643300	+	VIRGIN ISLANDS TEL	66,116	82,624	148,740	604	1,940	2,544
190217	89	AMELIA TEL CORP	2,517	1,984	4,500	0	0	0
190249	89	ROANOKE & BOTETOURT	5,303	4,146	9,450	2,111	3,719	5,830
522404	89	ASOTIN TEL - WA	904	713	1,617	20	34	54
522449	89	CONTEL OF THE NW-WA	34,073	38,808	72,881	6,119	3,615	9,734
522410	89	COWICHE TELEPHONE CO	977	770	1,748	0	0	0
522412	89	ELLENSBURG TEL CO	14,953	11,624	26,578	224	759	983
522417	89	HAT ISLAND TEL CO	10	8	18	2	5	7
522419	89	HOOD CANAL TEL CO	515	396	911	6	10	15
522423	89	INLAND TEL CO -WA	1,062	834	1,896	63	107	170
522426	89	KALAMA TEL CO	1,937	1,517	3,454	0	0	0
522427	89	LEWIS RIVER TEL CO	3,205	2,512	5,717	196	375	572
522431	89	MASHELL TEL CO INC	1,338	1,057	2,395	10	18	28
522436	89	PENINSULA TELECOMM	3,938	3,093	7,032	152	271	423
522437	89	PIONEER TEL CO	502	398	900	0	0	0
522442	89	ST JOHN TEL CO	372	294	666	0	0	0
522408	89	TEL UTIL OF WA INC	73,899	58,432	132,331	2,412	4,464	6,875
522446	89	TENINO TELEPHONE CO	1,601	1,264	2,865	0	0	0
522447	89	TOLEDO TELEPHONE CO	1,398	1,111	2,509	0	0	0
522451	89	WESTERN WAHAKIUM	961	760	1,721	62	109	171
522452	89	WHIDBEY TEL CO.	7,513	5,884	13,397	616	1,076	1,692
522453	89	YELM TELEPHONE CO	4,863	3,753	8,617	0	0	0
200278	89	CONTEL OF WV	18,191	23,414	41,605	53	1,115	1,168
200259	89	HARDY TEL CO	2,590	2,049	4,639	18	32	50
200270	89	MOUNTAIN STATE TEL	21,103	16,906	38,009	1,601	2,813	4,415
330841	89	CENCOM OF WISCONSIN	16,085	12,624	28,709	1,361	2,400	3,761
330859	89	CENTRAL STATE TEL CO	4,429	3,484	7,913	35	62	97
330895	89	CENTURY OF WISCONSIN	49,711	39,955	89,665	9,664	17,711	27,375
330860	89	CHEQUAMEGON TEL COOP	5,170	4,004	9,174	0	0	0
330870	89	CRANDON TEL CO	1,078	841	1,919	0	0	0
330891	89	HEADWATERS TEL CO	2,405	1,848	4,253	75	142	217
330936	89	INDIANHEAD TEL CO	1,358	1,064	2,422	23	41	64
330908	89	MARQUETTE-ADAMS COOP	2,365	1,768	4,134	180	317	497
330909	89	MIDWAY TEL CO	4,130	3,285	7,414	767	1,324	2,091
330913	89	MONROE COUNTY TEL CO	8,781	6,988	15,770	154	289	444
330916	89	MOUNT HOREB TEL CO	2,020	1,609	3,629	312	546	858
330917	89	MT VERNON TEL CO	5,144	4,012	9,156	0	0	0
330922	89	NORTH-WEST TEL CO	38,457	30,220	68,676	4,051	7,094	11,145
330931	89	PEOPLES TEL CO	3,340	2,640	5,981	74	142	216
330934	89	PLATTEVILLE TEL CO	5,783	4,567	10,350	164	305	469
330937	89	PRICE COUNTY TEL CO	2,339	1,836	4,176	0	0	0
330940	89	RHINELANDER TEL CO	7,440	5,882	13,322	337	629	965
330950	89	SOLON SPRINGS TEL CO	13,683	10,631	24,315	104	191	295
330952	89	SOUTHEAST TEL OF WISCONSIN	3,861	3,035	6,896	0	0	0
330956	89	UNIVERSAL OF N WISC	7,459	5,730	13,189	100	184	284
330964	89	URBAN TEL CORP	7,540	5,921	13,461	714	1,263	1,977
330963	89	UTELCO, INC	11,495	8,775	20,271	32	108	140
330974	89	WOOD COUNTY TEL CO	16,666	13,239	29,905	717	1,353	2,070
512291	89	DUBOIS TEL EXCHANGE	2,513	1,915	4,428	37	67	104
512251	89	RANGE TEL COOP - WY	2,240	1,737	3,977	51	88	139
512295	89	SILVER STAR TEL-WY	1,756	1,363	3,119	0	0	0

TABLE 4.21 C  
1989 COST COMPANIES NETWORK USAGE DATA  
ACCESS MINUTES OF USE (IN THOUSANDS)

FCODE	YEAR	CARRIER	ORIG PREM	TERM PREM	TOT PREM	ORIG NP	TERM NP	TOT NP
512299	89	TEL. UTIL. OF WY.	4,965	3,750	8,715	196	360	556
512297	89	UNION TELEPHONE CO	5,609	4,434	10,043	0	0	0
512290	89	UTAH-WYOMING TELECOM	554	432	986	2	4	6
TOTAL NON-TIER 1 COS. (564 STUDY AREAS)			4,650,154	4,192,748	8,842,902	305,487	590,224	895,712
TOTAL COST COMPANIES (680 STUDY AREAS)			118,716,034	146,246,345	264,962,379	1,880,021	5,622,625	7,502,647
888888	89	AVERAGE SCHEDULE COMPANIES	2,433,567	1,938,546	4,372,113	156,673	293,958	450,631
TOTAL INDUSTRY			121,149,601	148,184,891	269,334,492	2,036,694	5,916,583	7,953,278

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

- \* - COMPANIES FOR WHICH NECA COMPUTED DATA
- + - COMPANIES WHICH SUBMITTED 1988 DATA RATHER THAN 1989 DATA
- @ - FORMERLY UTC

TABLE 4.22 A

 1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
250284	87	BUTLER TEL CO	3,147	571	522	45,670	6,725	6,477	58,871
250281	87	CONTEL OF THE SOUTH	72,932	15,009	5,414	1,046,719	189,268	111,551	1,347,538
250295	*	GRACEBA TOTAL COMM	3,322	707	310	26,700	7,261	5,039	39,000
250297	87	GROVE HILL TEL CORP	1,629	557	117	17,624	5,426	2,183	25,234
250298	87	GULF TEL CO - AL	22,107	3,280	3,449	185,791	33,119	45,792	264,702
250300	87	HOPPER TEL. CO INC	2,593	807	121	24,832	7,271	2,182	34,285
250304	87	MILLRY TEL CO	4,646	959	473	50,127	9,275	6,210	65,612
250306	87	MONROEVILLE TEL CO	9,240	1,581	909	122,057	18,000	18,694	158,751
250314	87	PEOPLES TEL CO	9,446	1,726	907	116,219	16,450	12,298	144,966
250315	*	PINE BELT TEL CO	1,764	243	106	9,160	2,491	1,729	13,380
250316	87	RAGLAND TEL CO	961	273	46	9,062	2,796	857	12,714
250318	87	SOUTHLAND TEL CO-AL	8,630	531	898	136,178	18,765	16,962	171,905
613000	87	ANCHORAGE TEL UTIL	116,925	11,594	12,065	1,809,209	134,842	297,498	2,241,548
613001	87	ARCTIC SLOPE TEL	1,226	796	527	8,033	9,302	8,272	25,606
613003	87	BRISTOL BAY TEL COOP	924	307	139	5,440	2,647	2,172	10,260
613004	87	BUSH-TELL INC.	525	237	24	3,087	2,095	419	5,602
613006	87	COPPER VALLEY TEL	2,810	670	365	20,431	7,240	7,379	35,049
613007	87	CORDOVA TEL COOP	1,202	231	200	10,048	2,459	3,634	16,140
613008	87	FAIRBANKS MUNICIPAL	22,980	2,658	2,536	300,702	33,567	54,269	388,537
613010	87	GLACIER STATE TEL CO	27,082	4,707	2,993	290,151	46,945	80,377	417,473
613009	87	GTE ALASKA INC.	11,214	2,670	1,435	93,300	33,023	27,498	153,821
613011	87	INTERIOR TEL CO INC	1,992	643	508	10,797	6,834	8,248	25,879
613012	87	JUNEAU & DOUGLAS TEL	13,442	1,815	2,468	162,738	23,282	41,062	227,082
613013	87	KETCHIKAN PUBLIC UT	6,447	725	1,152	65,762	8,781	19,755	94,298
613015	87	MATANUSKA TEL ASSOC	26,445	5,742	1,733	294,407	62,645	54,539	411,591
613016	87	MUKLUK TEL CO INC	606	253	34	2,542	2,463	617	5,622
613018	87	NUSHAGAK TEL COOP	1,256	363	145	10,274	3,913	2,683	16,870
613019	87	OTZ TEL COOPERATIVE	1,601	614	118	13,175	6,526	2,013	21,714
613020	87	SITKA TELEPHONE CO	7,286	2,026	1,213	49,636	20,182	20,087	89,905
613022	87	TEL UTIL OF ALASKA	2,145	166	343	17,359	1,537	8,139	27,035
613023	87	UNITED UTILITIES INC	2,850	1,388	145	20,194	13,576	2,911	36,682
613025	87	YUKON TEL CO INC	356	147	28	1,455	1,427	687	3,569
452171	87	ARIZONA TELEPHONE CO	1,688	536	154	3,085	5,241	2,722	11,048
452172	87	CITIZENS UTILITIES	39,858	6,446	8,241	246,080	62,053	125,845	433,978
452302	87	CONTEL CALIF - AZ	4,818	898	966	27,259	8,078	12,211	47,548
452177	87	CONTEL OF WEST-AZ	22,282	5,453	2,569	151,229	54,478	40,014	245,721
452275	87	NAVAJO COMMUN-AZ	6,701	2,370	1,947	36,031	23,838	23,526	83,396
452175	87	UNIVERSAL TEL OF SW	1,045	254	98	6,600	2,423	1,586	10,609
452176	87	VALLEY TEL COOP-AZ	1,728	588	290	8,797	6,029	2,213	17,040
401691	87	ALLTEL ARKANSAS INC	54,735	16,277	7,045	621,221	152,340	102,612	876,173
401692	87	ARKANSAS TEL CO	5,399	949	506	48,802	7,565	9,057	65,424
401697	87	CENTRAL ARKANSAS TEL	1,951	565	113	18,391	5,089	2,419	25,899
401705	87	CENTURY OF ARKANSAS	10,444	1,983	1,098	103,482	18,129	18,139	139,750
401698	87	CLEVELAND COUNTY TEL	1,415	663	96	15,020	6,652	2,061	23,733
401730	87	CONTEL OF ARKANSAS	60,592	18,412	6,915	764,812	170,744	125,403	1,060,958
401699	87	DECATUR TEL CO INC	674	315	132	3,508	2,214	1,773	7,496
401722	*	E RITTER TEL CO	3,554	1,065	466	40,204	10,933	7,587	58,724
401709	87	MADISON COUNTY TEL	1,892	597	212	22,202	5,400	4,342	31,943
401711	87	MOUNTAIN HOME TEL	13,268	1,288	1,599	95,879	12,303	28,238	136,420
401713	87	NORTH ARKANSAS TEL	3,703	1,211	483	22,992	10,086	9,497	42,575
401720	87	REDFIELD TEL CO	1,277	440	55	9,251	3,783	1,292	14,326
401702	87	SOUTH ARKANSAS TEL	3,140	776	168	27,688	6,913	3,480	38,082
401724	*	SW ARKANSAS TEL COOP	4,275	1,106	484	41,750	11,353	7,879	60,983
401726	87	TRI-COUNTY TEL CO-AR	3,699	708	276	42,364	6,794	6,533	55,691
401727	87	UNION TEL CO INC	846	93	66	3,166	886	897	4,949
401729	87	WALNUT HILL TEL CO	4,201	950	553	30,619	10,543	8,673	49,835
401733	87	YELCOT TEL CO INC	2,399	566	262	22,469	5,292	4,937	32,697
401734	87	YELL COUNTY TEL CO	4,034	1,117	231	33,890	10,272	4,824	48,986
542304	87	C P NATIONAL CORP-CA	10,456	4,323	1,069	62,326	41,330	12,381	116,036
542301	87	CALAVERAS TEL CO	1,509	665	59	5,480	5,382	975	11,837
542311	87	CALIF-OREGON TEL CO	1,934	393	483	9,695	4,839	4,695	19,229
542306	*	CAPAY VALLEY TEL SYS	390	52	23	1,977	538	373	2,888
542308	87	CITIZENS UTIL OF CA	51,442	14,515	3,596	485,223	156,572	55,254	697,049
542313	87	DUCOR TELEPHONE CO	530	273	17	2,105	2,755	357	5,217
542315	87	EVANS TEL CO.	7,171	3,476	383	44,165	29,395	4,598	78,159
542318	*	FORESTHILL TEL CO.	1,648	168	73	6,339	1,724	1,196	9,260
542321	*	HAPPY VALLEY TEL CO	2,425	355	156	13,413	3,648	2,531	19,592

TABLE 4.22 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
542322	*	HORNITOS TEL CO	415	114	50	4,310	1,172	813	6,295
542324	87	KERMAN TELEPHONE CO	3,860	955	145	40,522	14,105	2,890	57,517
542346	+	PINNACLES TEL CO	107	220	33	279	1,723	482	2,484
542332	87	PONDEROSA TEL CO	5,367	2,305	191	27,619	19,986	2,877	50,482
542334	87	ROSEVILLE TEL CO	60,197	17,391	4,472	605,801	137,835	54,690	798,326
542338	87	SIERRA TELEPHONE CO	10,642	3,894	521	71,352	42,803	7,526	121,680
542339	87	SISKIYOU TEL CO	3,000	1,236	280	13,681	15,119	4,214	33,014
542342	87	TUOLUMNE TEL CO	4,026	2,022	162	18,651	18,781	3,402	40,834
542343	87	VOLCANO TEL CO	7,153	2,040	185	26,008	31,697	3,985	61,690
462192	87	BIG SANDY TELCOMM	654	229	41	3,521	2,485	1,029	7,035
462181	87	BIJOU TEL COOP ASSOC	951	380	71	4,453	3,906	1,479	9,838
462182	87	BLANCA TEL CO	463	139	50	1,866	1,247	926	4,039
462204	87	COLUMBINE TEL CO	604	185	66	2,931	2,227	1,891	7,049
462184	87	DELTA COUNTY TEL CO	5,869	769	433	53,781	10,197	9,724	73,703
462185	87	EAGLE TELECOMMUN INC	5,089	1,571	580	23,273	13,621	9,634	46,528
462186	87	EASTERN SLOPE RURAL	3,918	1,366	371	25,005	13,199	6,572	44,777
462187	87	EL PASO COUNTY TEL	1,699	820	148	10,579	7,123	3,809	21,510
462188	87	FARMERS TEL CO - CO	269	103	45	1,308	838	509	2,656
462190	87	HAXTUN TEL CO	1,135	412	113	7,929	4,369	1,931	14,229
462193	87	NUCLA-MATURITA TEL	1,020	247	119	5,473	2,735	2,435	10,643
462194	87	NUNN TEL CO	256	88	31	992	803	584	2,379
462196	87	PEETZ COOP TEL CO	179	42	31	1,248	501	514	2,263
462197	*	PHILLIPS COUNTY TEL	1,538	392	172	14,819	4,030	2,797	21,645
462199	87	PLAINS COOP TEL ASSN	1,454	489	113	8,153	4,831	1,828	14,812
462203	87	RYE TELEPHONE CO	1,211	368	144	7,441	3,344	2,267	13,052
462207	87	STRASBURG TEL CO	848	369	65	3,945	3,481	1,348	8,774
461835	87	SUNFLOWER TEL - CO	292	110	48	1,374	1,036	838	3,248
462208	87	UNIVERSAL TEL CO -CO	3,707	554	602	32,374	5,984	10,549	48,907
462209	87	WIGGINS TEL ASSOC	1,089	449	82	5,461	4,454	1,426	11,341
210336	87	ALLTEL FLORIDA INC.	43,513	11,144	3,957	428,843	117,822	66,297	612,962
210291	87	FLORALA TEL CO	2,601	184	128	13,925	2,248	1,925	18,098
210329	87	GULF TEL CO	6,708	1,304	649	83,442	13,157	10,960	107,559
210331	87	INDIANTOWN SYSTEM	1,802	959	201	10,278	9,319	3,854	23,451
210335	87	NORTHEAST FLORIDA	4,581	1,203	372	44,224	12,535	6,518	63,278
210338	87	QUINCY TEL CO-FL DIV	7,627	1,940	852	112,888	22,726	11,495	147,109
210339	87	SAINT JOSEPH TEL & TEL	19,472	4,129	1,997	166,545	40,821	30,492	237,859
210318	87	SOUTHLAND TEL-FL	2,760	205	214	35,242	3,138	4,044	42,423
210330	87	VISTA-UNITED TELCOM	6,986	1,091	2,433	48,411	18,247	58,713	125,371
220344	87	ALMA TEL CO	5,057	1,158	336	57,020	11,287	5,278	73,584
220347	87	BRANTLEY TEL CO	2,754	776	198	28,726	7,520	3,399	39,645
220351	87	CAMDEN TEL & TEL CO	8,918	1,167	2,339	91,629	12,707	30,742	135,078
220355	87	CITIZENS TEL CO - GA	3,624	991	241	44,668	9,320	4,307	58,295
220356	87	COASTAL UTILITIES	18,942	4,077	3,694	173,638	44,284	71,076	288,999
220281	87	CONTEL OF SOUTH - GA	57,262	9,853	2,986	504,557	129,836	68,592	702,985
220358	87	DARIEN TEL CO	3,324	812	304	29,999	7,787	5,030	42,815
220360	87	ELLIJAY TEL CO	6,081	1,366	377	64,866	12,123	5,110	82,099
220371	87	INTERSTATE TEL CO	9,180	1,077	1,145	158,138	12,523	15,340	186,001
220377	87	PINELAND TEL COOP	8,294	1,863	414	92,460	19,197	8,033	119,689
220379	87	PLANT TEL. CO.	6,801	1,890	467	71,037	18,080	7,577	96,694
220381	87	PUBLIC SERVICE TEL	7,072	1,952	371	86,944	19,910	7,590	114,444
220338	87	QUINCY TEL CO-GA DIV	533	71	119	9,773	949	1,698	12,421
220386	87	STANDARD TEL CO	30,551	10,005	3,269	362,108	97,886	45,401	505,394
220324	87	VALLEY TEL CO - GA	3,959	384	407	58,841	3,792	4,912	67,545
220392	87	WAVERLY HALL TEL CO	854	262	55	6,456	2,709	977	10,142
220394	87	WILKES TEL & ELC CO	8,451	1,493	639	97,571	18,210	11,566	127,348
472213	87	ALBION TEL CO INC	898	255	140	6,674	2,451	1,902	11,026
472215	87	CAMBRIDGE TEL CO	811	179	64	3,962	2,043	1,155	7,160
472225	87	CENTURY TEL OF IDAHO	2,303	299	347	21,971	3,820	4,345	30,136
472177	87	CONTEL OF WEST-ID	12,075	3,045	1,289	69,325	31,050	22,755	123,130
472218	87	CUSTER TEL COOP	1,283	235	149	10,216	2,643	2,841	15,700
472223	87	GEM STATE UTIL-ID	816	297	95	6,774	2,826	1,741	11,341
472423	87	INLAND TEL-ID	194	87	30	916	990	456	2,362
472226	87	MIDVALE TEL EXCH INC	268	21	46	744	429	318	1,491
472231	87	PROJECT MUTUAL TEL	5,833	830	650	84,935	7,978	9,044	101,956
472232	87	ROCKLAND TEL CO INC	349	107	24	2,239	928	390	3,557
472233	87	RURAL TEL CO - ID	223	47	16	417	526	292	1,236
472295	87	SILVER STAR TEL- ID	313	76	37	1,467	916	644	3,028

TABLE 4.22 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
472234	87	TROY TELEPHONE CO	643	202	90	2,873	1,900	1,415	6,188
341000	87	ALLTEL ILLINOIS INC.	37,783	9,749	4,602	331,800	102,255	82,032	516,087
341009	*	C - R TEL CO	852	110	48	4,165	1,133	786	6,084
341036	87	CONTEL OF ILLINOIS	152,278	47,105	14,199	1,165,987	526,852	258,011	1,950,850
341003	*	EGYPTIAN COOP ASSN	2,428	356	156	13,430	3,652	2,534	19,616
341004	87	EL PASO TEL CO	1,526	596	129	9,850	5,440	1,733	17,024
341023	87	GRIDLEY TEL CO	1,074	546	141	5,214	5,165	1,546	11,925
341037	87	IL CONSOLIDATED TEL	71,408	34,153	8,024	648,381	224,051	103,332	975,765
341038	87	INLAND TEL CO	3,994	1,860	195	21,060	18,886	4,005	43,952
341011	87	LAKESIDE TEL CO	725	221	57	5,151	2,326	639	8,115
341045	87	LEAF RIVER VLY TEL	559	229	24	2,262	2,170	467	4,899
341055	87	MIDLAND TEL CO	4,026	1,562	220	22,905	16,520	3,646	43,071
341060	87	MOULTRIE INDEPENDENT	672	238	22	4,283	2,333	532	7,149
341073	87	PRAIRIE TEL CO	944	294	46	6,234	2,983	878	10,096
320753	87	CLAY CTY RURAL COOP	7,685	1,989	455	78,827	19,027	6,522	104,376
320779	87	CONTEL OF INDIANA	129,843	26,681	15,906	1,337,823	282,716	219,729	1,840,268
320762	87	ELNORA TEL CO	414	85	20	3,213	825	313	4,351
320778	87	HOME TEL CO INC	1,783	342	77	17,956	3,751	1,429	23,136
320797	87	NEW PARIS TEL INC	1,491	368	155	13,630	3,249	2,373	19,251
320800	87	NORTHWESTERN INDIANA	7,225	2,666	967	69,705	26,385	14,570	110,659
320807	*	PERRY-SPENCER RURAL	3,691	517	227	19,538	5,313	3,687	28,538
320813	*	PULASKI-WHITE RURAL	1,523	190	83	7,162	1,948	1,352	10,461
320830	*	TRI-COUNTY TEL CO	2,492	419	183	15,817	4,301	2,985	23,104
320839	*	YEOMAN TEL CO, INC	1,030	115	50	4,350	1,183	821	6,354
351346	87	ACE TEL ASSN-IA	3,724	573	232	22,580	5,987	3,235	31,801
351105	87	AYRSHIRE FARMERS MUT	388	155	18	1,442	1,309	317	3,068
351110	87	BERNARD TEL CO INC	467	179	29	3,829	1,572	553	5,954
351113	*	BROOKLYN MUTUAL TEL	1,292	175	77	6,613	1,798	1,248	9,659
351207	87	CONTEL OF IOWA, INC.	67,153	17,817	4,820	566,607	178,063	74,617	819,286
351153	*	DUNKERTON TEL COOP	562	106	46	4,006	1,089	756	5,851
351888	87	GRAND RIVER MUT-IA	5,404	1,141	585	45,634	12,078	8,817	66,530
351214	*	KALONA COOP TEL CO	1,476	313	137	11,802	3,209	2,227	17,238
351229	87	LOST NATION-ELWOOD	595	193	30	5,466	1,711	637	7,814
351316	87	UNITED FARMERS TEL	512	6	238	2,787	21	4,172	6,980
351327	87	WEBB-DICKENS TEL	438	196	27	1,559	1,854	579	3,992
351329	*	WELLMAN COOP TEL	1,076	168	74	6,358	1,729	1,200	9,286
411741	87	ASSARIA TEL EXCHANGE	422	38	245	2,100	2,181	796	5,077
411746	87	BLUE VALLEY TEL CO	2,637	994	203	13,325	8,933	3,016	25,274
411790	87	CONTEL OF KANSAS	44,827	16,795	3,148	258,847	167,448	66,316	492,612
411818	87	CRAW-KAN TEL COOP	11,386	3,631	1,136	73,874	33,876	17,470	125,221
411761	87	CUNNINGHAM TEL CO	1,515	445	62	7,918	4,859	1,723	14,499
411764	87	ELKHART TEL CO INC	1,407	237	259	9,178	2,335	3,470	14,983
411777	*	GOLDEN BELT TEL ASSN	3,540	567	248	21,392	5,817	4,037	31,246
411781	87	H & B COMMUNICATIONS	950	358	70	3,978	3,319	1,194	8,491
411780	*	HAVILAND TEL CO	3,365	519	227	19,605	5,331	3,700	28,636
411782	87	HOME TEL CO	1,194	550	81	6,261	4,922	1,480	12,663
411785	87	J. B. N. TEL CO INC	2,105	746	143	12,065	7,389	2,961	22,415
411788	87	KANOKLA TEL ASSN-KS	2,270	590	215	11,446	5,894	3,149	20,489
411789	87	KANSAS STATE TEL CO	5,137	656	1,172	42,671	7,095	13,543	63,309
411801	87	MADISON TEL CO INC	747	200	35	4,331	1,738	753	6,821
411807	87	MOKAN DIAL INC-KS	1,883	711	255	10,110	6,756	3,379	20,244
411808	87	MOUNDRIDGE TEL CO	2,120	757	190	13,773	6,388	3,856	24,017
411814	87	PEOPLES MUTUAL TEL	996	296	172	6,131	2,675	1,834	10,641
411820	*	RAINBOW TEL COOP	1,736	306	134	11,563	3,144	2,182	16,889
411826	87	RURAL TEL SERVICE CO	6,554	2,236	409	40,600	21,199	7,882	69,681
411829	*	S & A TEL CO INC	659	110	48	4,168	1,133	787	6,087
411827	87	S & T TEL COOP ASSN	1,598	582	144	8,366	5,836	2,546	16,747
411831	87	SOUTH CENTRAL TEL - KS	1,065	408	80	4,551	3,830	1,545	9,926
411833	*	SOUTHERN KANSAS TEL	3,570	552	242	20,845	5,668	3,934	30,447
411835	87	SUNFLOWER TEL CO	3,841	948	408	26,786	9,256	6,656	42,698
412030	87	TOTAH TELEPHONE CO	1,296	447	146	4,855	4,251	2,433	11,539
411839	*	TRI-COUNTY TEL ASSN	3,095	458	201	17,301	4,705	3,265	25,271
411840	87	TWIN VALLEY TEL INC	2,119	706	103	10,796	6,494	2,341	19,632
411841	87	UNITED TEL ASSN	4,492	1,799	459	23,436	16,300	7,268	47,005
411845	*	WAMEGO TEL CO INC	3,576	634	277	23,922	6,505	4,515	34,942
411847	87	WHEAT STATE TEL	1,931	794	143	9,794	7,189	2,379	19,361
411849	87	WILSON TEL CO INC	2,051	623	104	10,794	6,063	2,268	19,126

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FCODE	YEAR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
411852	87	ZENDA TEL COMPANY	228	104	12	1,049	1,082	218	2,349
260410	87	CONTEL OF KENTUCKY	54,017	9,914	3,643	791,299	100,413	93,920	985,632
270422	87	ATHENS TEL CO	277	127	18	1,866	1,102	403	3,372
270431	87	CADDOAN TEL CO	7,649	1,623	934	80,079	15,531	14,532	110,143
270425	87	CAMERON TEL CO - LA	5,501	1,500	590	53,188	15,172	8,381	76,741
270423	87	CENTRAL LOUISIANA	12,230	3,284	853	155,467	28,729	17,105	201,301
270440	87	CENTURY TEL CO	1,371	635	129	20,901	6,204	2,579	29,684
270436	87	CENTURY TEL NORTH LA	982	286	97	8,432	2,440	1,717	12,589
270427	*	CHATHAM TEL CO	1,205	132	58	4,968	1,351	938	7,256
270424	87	COASTAL TEL & ELECTR	9,141	3,123	590	98,224	24,834	9,941	132,999
270429	87	EAST ASCENSION TEL	19,877	7,198	2,119	282,371	51,596	28,517	362,484
270430	87	ELIZABETH TEL CO	2,266	455	108	25,189	5,441	2,645	33,275
270434	87	EVANGELINE TEL CO	24,736	7,189	1,485	303,107	63,229	24,840	391,176
270433	87	LAFORCHE TEL CO	10,886	2,737	1,099	113,606	19,411	9,657	142,674
270442	87	LOUISIANA WESTERN	2,909	954	245	33,231	8,508	4,507	46,247
270435	87	NORTHEAST LOUISIANA	814	306	68	7,564	3,120	1,357	12,041
270437	87	PLAIN DEALING TEL CO	1,449	423	137	18,047	3,553	2,567	24,166
270439	*	RINGGOLD TEL CO	1,471	214	93	8,064	2,193	1,522	11,779
270443	87	UTC OF LOUISIANA	2,401	742	267	28,233	6,684	4,086	39,003
100004	87	CHINA TEL CORP	2,265	962	146	7,752	7,957	2,689	18,398
100014	87	CONTEL OF MAINE	34,360	10,223	3,783	216,890	89,069	57,917	363,876
100010	87	HAMPDEN TEL CO	2,047	524	170	17,828	7,104	3,044	27,976
100011	87	HARTLAND & ST ALBANS	1,720	723	154	12,311	6,185	2,473	20,969
100003	87	LINCOLNVILLE TEL CO	1,116	279	99	5,907	2,461	2,062	10,430
100024	87	SOMERSET TEL CO	7,790	2,235	622	38,008	20,157	10,791	68,956
100025	87	STANDISH TEL CO	4,489	1,899	449	20,906	17,011	8,532	46,449
100027	87	UNION RIVER TEL CO	721	185	37	2,639	1,644	770	5,054
100029	87	UNITY TEL CO., INC.	2,948	1,093	217	16,769	8,509	3,769	29,048
100031	87	WARREN TEL CO	1,024	560	96	4,125	5,133	1,502	10,759
100034	87	WEST PENOBSCOT TEL	1,500	618	95	7,934	5,587	1,582	15,103
180216	87	ARMSTRONG TEL OF MD	3,906	1,430	888	23,038	13,951	10,897	47,887
310704	87	ACE TEL OF MICHIGAN	3,146	1,101	99	9,193	10,068	1,774	21,035
310681	87	ALLTEL MICHIGAN INC.	35,992	13,552	3,980	294,332	134,720	56,281	485,332
310678	*	BLANCHARD TEL ASSN	916	81	35	3,057	831	577	4,465
310679	87	BLOOMINGDALE TEL CO	1,431	689	83	5,443	6,070	1,526	13,040
310682	87	C, C & S TELCO - MI	17,019	4,242	1,252	120,841	45,983	21,500	188,324
310683	87	CARR TEL CO	1,201	239	22	3,168	2,310	466	5,945
310702	87	CENTURY TEL OF MICHIGAN	37,914	12,308	1,637	224,957	121,343	27,722	374,022
310685	87	CHATHAM TEL CO - MI	2,115	525	110	15,607	4,733	2,118	22,458
310680	87	CHIPPEWA COUNTY TEL	767	243	37	2,799	2,094	781	5,674
310687	87	CLAYTON TEL CO	557	286	42	1,781	2,754	649	5,185
310713	87	HIAWATHA TEL CO	3,251	223	709	19,215	7,270	3,842	30,327
310699	87	HICKORY TEL CO	1,159	185	79	13,571	2,651	1,562	17,785
310711	87	MIDWAY TEL CO	719	168	44	3,832	1,740	811	6,382
310717	87	ONTONAGON COUNTY TEL	3,662	549	294	29,645	5,729	4,866	40,240
310721	87	PIGEON TEL CO	2,479	1,116	129	12,157	10,427	2,019	24,602
310728	87	SPRINGPORT TEL CO	1,538	651	47	6,894	5,818	1,016	13,728
310732	87	UPPER PENINSULA TEL	2,956	1,083	298	16,478	10,330	5,093	31,902
310734	*	WALDRON TEL CO	542	130	57	4,895	1,331	924	7,151
310735	*	WESTPHALIA TEL CO	742	34	15	1,287	350	243	1,880
310738	87	WOLVERINE TEL CO	6,935	2,575	249	60,682	27,351	5,540	93,573
361346	87	ACE TEL ASSN-MN	8,639	1,560	912	75,625	16,662	12,530	104,817
361374	87	ARROWHEAD COMM CORP	551	61	10	1,844	1,423	379	3,645
361350	87	ARVIG TEL CO	8,598	1,268	373	37,964	13,357	6,638	57,959
361357	*	BLACKDUCK TEL CO	979	154	67	5,821	1,583	1,099	8,503
361362	87	BRIDGewater TEL CO	4,170	1,733	345	32,847	17,131	3,870	53,848
361370	87	CLARA CITY TEL EXCH	1,491	423	77	8,421	4,422	1,310	14,152
361373	*	CONSOLIDATED TEL CO	5,734	710	311	26,818	7,293	5,061	39,171
361140	87	CONTEL OF MINNESOTA	93,037	23,041	6,477	745,343	268,265	104,578	1,118,187
361499	*	CROSSLAKE TEL CO	1,316	138	60	5,199	1,414	981	7,594
361379	87	DEER RIVER TEL CO	1,560	247	80	12,945	2,736	1,602	17,282
361383	*	EAGLE VALLEY TEL CO	622	64	28	2,404	654	454	3,512
361385	87	EAST OTTER TAIL TEL	12,550	1,861	691	84,568	20,509	11,606	116,683
361387	*	EMILY COOP TEL CO	936	106	46	3,985	1,084	752	5,821
361395	87	GARDEN VALLEY TEL CO	12,621	3,303	807	93,259	34,396	13,263	140,918
361399	*	GRANADA TEL CO	255	28	12	1,055	287	199	1,541
361401	*	HALSTAD TEL CO	1,398	389	170	14,684	3,993	2,771	21,448

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FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
361410	87	JOHNSON TEL CO	1,316	241	52	5,417	2,325	1,038	8,781
361414	87	LAKEDALE TEL CO	9,109	3,048	418	45,592	29,050	7,184	81,826
361425	*	MADELIA TEL CO	1,483	202	88	7,616	2,071	1,437	11,125
361433	87	MID STATE TEL CO	5,256	1,096	249	41,421	12,985	4,713	59,118
361442	87	NEW ULM TELECOM, INC	8,013	1,990	632	63,222	19,508	10,234	92,965
361443	87	NORMAN COUNTY TEL CO	3,572	522	368	31,886	5,953	5,231	43,069
361445	*	NORTHLAND TEL CO	570	87	38	3,276	891	618	4,785
361451	87	PAUL BUNYAN RURAL	4,966	916	230	39,453	10,755	5,754	55,962
361482	*	SHERBURNE CTY RURAL	5,258	680	298	25,681	6,984	4,847	37,511
361483	87	SLEEPY EYE TEL CO	5,137	1,460	247	35,942	15,189	3,576	54,707
361487	*	STARBUCK TEL CO	1,114	124	54	4,694	1,277	886	6,857
361491	+	TWIN VALLEY-ULEN TEL	2,719	601	192	25,839	6,542	2,983	35,364
280446	87	BAY SPRINGS TEL CO	8,062	1,740	507	107,176	16,781	9,714	133,671
280451	*	DECATUR TEL CO -MS	1,420	184	81	6,959	1,892	1,313	10,165
280452	87	DELTA TEL CO	2,886	507	203	30,516	4,581	3,429	38,526
280454	87	FRANKLIN TEL CO - MS	5,941	1,122	410	70,214	10,565	8,490	89,269
280458	87	HOME TEL CO-OLIVE BR	6,913	695	1,811	97,655	8,379	24,659	130,693
280459	87	HUGHES TEL CO	4,951	513	285	70,524	5,302	7,315	83,142
280464	87	NOXAPATER TEL CO	838	117	39	14,005	1,281	1,173	16,459
280466	*	SLEDGE TEL CO	426	85	37	3,206	872	605	4,682
280461	87	SOUTHEAST MS TEL CO	1,782	392	190	9,736	3,457	2,631	15,824
421885	87	ALLTEL MISSOURI	19,765	6,497	1,696	187,544	62,357	34,034	283,935
421859	87	BOURBEUSE TEL	1,591	535	75	8,823	5,400	1,740	15,963
421865	87	CITIZENS TEL CO - MO	3,368	1,051	254	15,268	10,761	4,677	30,706
421922	87	CONTEL OF MISSOURI	127,167	54,168	13,905	896,698	490,882	230,838	1,618,418
421846	87	CONTINENTAL SYS. -MO	34,242	10,641	3,999	335,632	97,079	57,201	489,912
421873	87	EASTERN MISSOURI TEL	2,476	934	112	13,624	8,621	2,322	24,567
421882	87	FIDELITY TEL CO	9,754	2,704	630	72,386	27,295	12,044	111,725
421886	87	GOODMAN TEL CO	1,355	506	159	6,784	4,392	2,771	13,947
421888	87	GRAND RIVER MUT-MO	12,248	2,657	932	103,794	26,844	14,057	144,695
421929	87	HOLWAY TEL CO	613	185	41	4,529	1,656	612	6,797
421901	87	KINGDOM TELEPHONE CO	2,445	1,294	218	14,755	11,493	3,359	29,607
421932	87	LATHROP TEL COMPANY	1,062	401	70	7,706	3,771	1,461	12,938
421908	87	LE-RU TELEPHONE CO	932	269	140	5,019	2,367	2,276	9,662
421917	*	MID-MISSOURI TEL CO	2,953	391	171	14,782	4,020	2,790	21,592
421920	*	MILLER TEL CO - MO	847	129	57	4,886	1,329	922	7,136
421904	87	MISSOURI TEL CO	15,285	3,422	1,119	126,304	32,584	19,825	178,713
421807	87	MOKAN DIAL INC-MO	567	238	51	4,108	2,178	758	7,044
421931	87	NE MISSOURI RURAL	3,316	807	247	25,513	7,936	4,758	38,206
421934	87	ORCHARD FARM TEL CO	641	490	36	1,932	4,384	557	6,874
421945	*	SENECA TEL CO	2,193	543	238	20,514	5,579	3,871	29,964
421951	87	STOUTLAND TEL CO	870	281	40	6,477	2,611	914	10,002
421963	87	WEBSTER COUNTY TEL	4,524	1,269	305	34,294	11,912	5,783	51,988
421964	*	WHEELING TEL CO	313	47	21	1,787	486	337	2,610
482235	87	BLACKFOOT TEL COOP	4,584	1,735	464	22,949	16,546	8,602	48,097
482242	87	INTERBEL TEL COOP	811	130	91	5,961	1,192	1,715	8,869
482244	87	LINCOLN TEL CO INC	719	165	50	2,816	1,670	805	5,291
482246	87	MID-RIVERS TEL COOP	6,022	232	504	47,238	18,253	8,776	74,267
482247	87	NEMONT TEL COOP-MT	2,399	734	294	8,571	7,207	4,300	20,078
482248	87	NORTHERN TEL COOP	1,324	517	162	7,104	4,964	2,760	14,828
482249	87	NW TEL SYSTEMS, INC.	27,548	8,231	4,863	199,762	77,721	75,070	352,553
482250	87	PROJECT TEL CO	2,507	757	212	12,418	7,215	3,931	23,565
482251	87	RANGE TEL COOP-MT	2,666	736	360	19,244	7,570	5,433	32,247
482254	87	SOUTHERN MONTANA TEL	648	190	65	2,171	2,037	1,413	5,620
482255	87	THREE-RIVERS TEL COOP	8,296	2,168	726	45,095	22,564	12,397	80,056
482257	87	TRIANGLE TEL COOP	8,079	2,356	638	58,389	25,697	11,455	95,541
482258	87	VALLEY RURAL TEL	730	187	42	3,559	2,039	782	6,380
371516	87	ARAPAHOE TEL CO	1,013	250	61	6,995	2,453	1,008	10,457
371517	87	ARLINGTON TEL CO	888	368	89	6,028	3,580	1,290	10,898
372455	87	BENKELMAN TEL CO	1,123	166	129	7,831	1,664	1,821	11,317
371524	87	BLAIR TEL CO	4,982	1,637	712	43,891	14,248	9,018	67,157
371531	*	CLARKS TEL CO	970	118	51	4,440	1,208	838	6,486
371530	*	CONSOLIDATED TELCO	1,415	268	117	10,105	2,748	1,907	14,760
371534	87	COZAD TEL CO	2,363	774	246	15,853	6,336	2,844	25,033
371536	87	CURTIS TEL CO	729	184	50	5,239	2,267	915	8,421
371537	87	DALTON TEL CO, INC	1,246	371	145	6,870	3,540	2,413	12,823
371540	87	DILLER TEL CO	916	289	66	5,173	2,477	906	8,557

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FCODE	YEAR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
371542	87	EASTERN NEBRASKA TEL	2,334	747	308	16,235	6,482	3,811	26,527
371553	*	GLENWOOD TEL MEMBER	2,493	377	165	14,245	3,874	2,688	20,807
371577	87	GREAT PLAINS COMMUN	24,622	6,809	2,350	164,480	66,205	37,472	268,157
371557	87	HARTMAN TEL EXCH INC	446	89	77	2,807	951	1,023	4,781
371558	87	HEMINGFORD COOP TEL	838	102	64	8,609	1,097	1,018	10,723
371561	*	HERSHEY COOP TEL CO	640	164	72	6,190	1,683	1,168	9,041
371565	*	K & M TEL CO, INC	620	98	43	3,704	1,007	699	5,411
371567	87	KEYSTONE-ARTHUR TEL	565	114	37	971	1,017	631	2,620
371574	87	NEBRASKA CENTRAL TEL	3,400	832	140	22,578	8,383	2,719	33,679
371576	*	NORTHEAST NEBRASKA	3,714	645	282	24,343	6,620	4,594	35,556
371580	87	PETERSBURG TEL CO	434	151	16	2,351	1,439	268	4,058
371581	*	PIERCE TEL CO	1,582	198	87	7,467	2,030	1,409	10,906
371586	87	ROCK COUNTY TEL CO	972	259	96	7,381	2,957	1,369	11,707
371587	*	RODEO TEL, INC	2,453	381	167	14,368	3,907	2,712	20,987
371591	87	SE NEBRASKA TEL CO	3,778	422	502	33,181	4,758	7,512	45,451
371592	87	STANTON TEL CO, INC	993	313	126	7,960	2,777	995	11,732
371525	87	THREE RIVER TELCO	1,191	291	107	7,526	3,010	1,642	12,177
371597	87	WAUNETA TEL CO	637	173	62	3,587	1,610	920	6,116
552304	87	C P NATIONAL-NV	9,479	1,896	2,991	55,951	18,378	32,825	107,153
552349	87	CHURCHILL COUNTY TEL	7,632	1,137	1,343	61,561	9,419	20,956	91,935
552302	87	CONTEL OF CALIF-NV	16,765	3,476	5,908	102,721	30,491	58,575	191,787
552223	87	GEM STATE UTIL-NV	300	42	58	1,509	437	661	2,606
552351	87	LINCOLN CTY TEL SYS	1,459	369	212	7,200	3,926	3,320	14,446
552353	87	HOAPA VALLEY TEL CO.	1,908	374	311	12,729	3,721	4,307	20,757
552354	87	NEVADA TEL-TELEGRAPH	2,290	594	558	12,895	4,941	7,799	25,635
552356	87	RIO VIRGIN TEL CO	853	135	456	5,406	1,029	4,126	10,561
552233	87	RURAL TEL CO - NV	293	40	16	220	368	341	929
120038	87	BRETTON WOODS TEL CO	136	49	60	141	376	624	1,141
120041	87	CONTEL OF NH	8,832	2,423	1,808	48,849	18,417	23,996	91,262
120039	87	GRANITE STATE TEL	6,147	1,574	1,054	32,180	15,258	16,043	63,481
120045	87	KEARSARGE TEL CO	4,779	1,873	1,003	19,927	15,157	12,727	47,810
120046	87	MERIDEN TEL CO	391	94	111	1,623	829	1,514	3,967
120047	87	MERRIMAK COUNTY TEL	5,370	1,643	794	45,695	18,962	14,472	79,129
120049	87	UNION TEL CO	4,824	1,104	567	11,729	9,168	8,330	29,227
120050	87	WILTON TEL CO - NH	2,133	666	436	13,323	6,206	5,835	25,364
160135	87	WARWICK VALLEY-NJ	6,384	3,622	880	32,328	42,865	16,032	91,224
492259	87	BACA VALLEY TEL CO	540	126	75	3,286	1,358	1,166	5,811
492177	87	CONTEL OF WEST - NM	25,578	6,335	3,137	167,947	61,241	46,893	276,082
492066	87	DELL TEL CO-OP - NM	264	40	32	1,062	476	540	2,078
492262	87	ENMR TEL COOP INC-NM	8,693	1,406	1,357	66,558	14,491	18,768	99,817
492263	87	LA JICARITA RURAL	1,417	314	85	15,844	3,356	1,687	20,887
492264	87	LEACO RURAL TEL COOP	784	314	171	4,159	2,903	2,297	9,359
492275	87	NAVAJO COMMUN - NM	2,772	1,021	604	13,536	8,028	8,713	30,278
492270	87	PENASCO VALLEY TEL	1,967	553	200	11,632	5,638	3,698	20,968
492272	87	ROOSEVELT CNTY RURAL	1,431	320	177	13,236	3,708	3,187	20,130
492274	87	UNIVERSAL TEL OF SW	3,121	913	307	17,700	7,754	5,487	30,941
492176	87	VALLEY TEL COOP - NM	1,063	220	201	6,744	1,996	3,177	11,917
492268	87	WESTERN NEW MEXICO	3,930	1,007	843	24,695	9,919	9,584	44,198
150106	87	ALLTEL NY-FULTON	34,760	1,439	725	125,729	16,822	13,313	155,863
150109	87	ALLTEL NY-JAMESTOWN	37,867	1,372	1,451	111,165	14,812	20,835	146,811
150113	87	ALLTEL NY-RED JACKET	2,287	664	117	4,723	1,865	561	7,149
150071	87	ARMSTRONG TEL CO-NY	2,838	774	271	16,321	7,201	4,207	27,729
150072	87	AU SABLE VALLEY TEL	5,183	269	347	26,287	4,159	6,622	37,067
150073	*	BERKSHIRE TEL CORP	4,404	877	384	33,127	9,008	6,252	48,387
150077	87	CHAMPLAIN TEL CO	3,711	1,278	1,248	29,403	9,947	8,997	48,348
150078	87	CHAUTAUQUA & ERIE	8,413	1,928	1,272	62,290	18,893	16,406	97,590
150079	*	CHAZY & WESTPORT	2,715	492	215	18,565	5,048	3,504	27,117
150081	87	CITIZENS HAMMOND NY	741	327	54	4,298	3,025	1,123	8,446
150082	87	CLYMER TEL CO	721	51	55	1,518	484	638	2,640
150085	87	CROWN POINT TEL CORP	613	242	65	4,107	2,225	1,062	7,394
150088	*	DELHI TEL CO	2,685	537	235	20,276	5,514	3,827	29,616
150091	87	DUNKIRK & FREDONIA	7,720	1,205	503	80,336	18,528	8,001	106,865
150092	87	EDWARDS TEL CO	1,421	629	73	9,412	6,253	1,337	17,002
150093	87	EMPIRE TEL CORP	5,534	2,166	514	26,769	20,101	8,264	55,134
150097	87	GERMANTOWN TEL CO	1,523	726	156	11,006	7,191	2,913	21,110
150099	87	HANCOCK TEL CO	1,242	379	187	7,846	3,100	2,436	13,383
150100	87	HIGHLAND TEL CO	44,704	21,272	8,619	439,682	227,982	150,113	817,776



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1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

F CODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
150104	*	MARGARETVILLE TEL CO	2,291	351	153	13,237	3,600	2,498	19,334
150105	87	MIDDLEBURGH TEL CO	3,599	107	33	25,029	16,676	4,858	46,563
150107	*	NEWPORT TEL CO	2,614	299	131	11,307	3,075	2,134	16,516
150108	87	NICHOLVILLE TEL CO	1,287	595	92	11,085	5,253	2,273	18,611
150110	87	OGDEN TEL CO	15,912	1,657	913	218,425	23,874	18,184	260,483
150111	*	ONEIDA COUNTY RURAL	2,863	415	182	15,659	4,258	2,955	22,872
150118	*	PORT BYRON TEL CO	2,355	262	115	9,898	2,692	1,868	14,458
150119	87	RED HOOK TEL CO	10,435	3,460	1,137	95,328	44,544	21,524	161,397
150122	87	SENECA-GORHAM TEL	7,148	3,061	413	41,243	30,874	8,183	80,301
150128	87	SYLVAN LAKE TEL CO	12,376	2,901	1,501	156,317	53,274	33,461	243,052
150084	87	TACONIC TEL CORP	16,837	4,546	2,486	106,361	52,559	31,842	190,762
150133	87	VERNON TEL CO	2,031	541	127	16,682	5,937	2,580	25,199
150135	87	WARWICK VALLEY-NY	9,827	2,540	2,025	69,254	39,774	27,502	136,530
150136	87	WESTERN COUNTIES TEL	18,088	5,927	2,051	144,796	65,556	31,284	241,636
230476	87	ALLTEL CAROLINA-NO	84,175	16,465	8,721	1,065,995	187,139	151,314	1,404,448
230468	87	ATLANTIC MEMBERSHIP	17,947	2,569	1,572	145,947	27,159	22,379	195,486
230469	87	BARNARDSVILLE TEL CO	816	246	45	7,206	2,330	681	10,218
230473	87	CITIZENS TEL CO	12,873	1,784	1,364	145,117	18,846	23,838	187,801
230474	87	CONCORD TEL CO	71,240	12,246	4,636	858,581	107,655	90,164	1,056,400
230509	87	CONTEL OF NC	73,956	11,064	6,417	920,035	144,511	152,147	1,216,694
230481	87	HEINS TEL CO	21,834	4,391	1,906	280,641	46,938	32,567	360,147
230502	87	STAR MEMBERSHIP CORP	11,643	2,648	450	141,042	27,649	12,290	180,981
230510	87	WILKES MEMBERSHIP	7,010	807	230	107,253	9,421	4,617	121,291
381604	*	BEK TEL MUTUAL AID	3,658	616	270	23,253	6,323	4,388	33,965
381607	87	CONSOLIDATED COOP	4,115	754	344	38,258	8,018	6,039	52,315
381447	87	CONTEL OF N. DAKOTA	9,779	1,547	535	76,739	19,322	11,804	107,864
381610	*	DAKOTA CENTRAL RURAL	2,318	425	186	16,032	4,360	3,025	23,417
381611	*	DICKEY RURAL COOP	2,801	554	243	20,923	5,690	3,949	30,562
381616	87	INTER-COMMUNITY TEL	1,228	408	87	9,124	3,710	1,716	14,549
381617	87	MIDSTATE TEL CO	1,415	342	149	7,875	3,368	2,468	13,711
381625	*	NORTHWEST COMM COOP	3,580	633	277	23,886	6,495	4,508	34,889
381630	87	POLAR COMM MUT AID	8,454	1,661	769	82,052	17,427	12,559	112,038
381632	87	RESERVATION TEL COOP	4,247	1,061	337	35,863	10,179	6,455	52,497
381634	87	SOURIS RIVER TEL MUT	11,608	2,334	1,228	88,639	24,555	27,816	141,010
381636	*	UNITED TEL MUTUAL	4,306	825	361	31,162	8,474	5,881	45,517
381637	87	W. RIVER MUTUAL AID	8,751	1,704	602	80,182	20,232	14,747	115,160
300665	87	ALLTEL OHIO-WEST OH	16,545	5,099	1,231	143,921	50,235	20,223	214,379
300682	87	C, C & S TELCO -OHIO	428	117	51	2,147	1,119	768	4,034
300597	87	CHILLICOTHE TEL	23,807	3,474	1,058	344,674	45,573	25,860	416,108
300607	87	CONTEL OF OHIO	1,963	430	93	15,861	3,796	1,433	21,090
300613	87	LITTLE MIAMI COMM.	1,139	306	58	9,604	2,997	1,048	13,649
300649	*	ORWELL TEL CO	4,804	793	347	29,952	8,145	5,653	43,749
431965	87	ALLTEL OKLAHOMA INC	10,481	4,703	929	77,232	45,657	17,197	140,086
431974	87	CANADIAN VALLEY TEL	818	251	40	3,587	2,580	973	7,140
431976	87	CARNEGIE TEL CO INC	1,497	502	94	11,055	4,931	2,006	17,992
431977	*	CENTRAL OKLAHOMA TEL	2,050	321	141	12,131	3,299	2,289	17,719
431979	87	CHEROKEE TEL CO	4,156	1,104	769	32,049	10,427	10,694	53,170
431980	87	CHICKASAW TEL CO	6,928	2,833	397	50,457	28,325	8,986	87,767
431981	87	CHOUTEAU TEL CO	2,642	844	225	15,426	8,338	3,219	26,983
431985	87	CROSS TEL CO	7,024	2,391	492	51,036	23,940	8,558	83,533
431988	87	DOBSON TEL CO	4,096	1,260	356	34,506	12,165	6,052	52,723
431994	87	GRAND TEL CO INC	2,124	804	247	16,530	7,741	3,895	28,165
431995	87	HINTON TEL CO	3,149	1,124	182	21,134	10,726	3,442	35,303
431788	87	KANOKLA TEL ASSN-OK	1,281	385	159	7,292	3,844	2,252	13,388
432006	87	M CLOUD TEL CO	5,752	1,675	378	117,368	16,998	6,778	141,144
432010	87	MID-AMERICA TEL INC	1,399	601	74	7,697	6,026	1,489	15,212
432011	87	OKLAHOMA ALLTEL, INC	9,524	3,186	1,719	95,061	33,304	21,743	150,108
431984	87	OKLAHOMA COMM SYSTEM	12,389	4,678	772	113,284	46,120	17,794	177,197
432013	87	OKLAHOMA TEL & TEL	1,752	657	121	10,335	6,418	2,299	19,052
432014	87	OKLAHOMA WESTERN TEL	2,523	714	161	14,008	7,657	3,563	25,228
432016	87	PANHANDLE TEL COOP	4,218	1,223	1,089	23,819	12,755	12,732	49,305
432018	87	PIONEER TEL COOP INC	35,139	13,027	2,451	282,654	121,640	41,491	445,785
432020	87	POTTAWATOMIE TEL CO	1,743	675	83	10,423	7,368	1,877	19,667
432141	*	SANTA ROSA TEL COOP	639	147	65	5,567	1,514	1,051	8,131
431831	87	S. CENTRAL TEL - OK	397	118	56	2,026	1,139	813	3,978
432030	87	TOTAH TELEPHONE CO	1,663	859	163	6,615	9,132	2,736	18,483
432032	87	VALLIANT TEL CO	1,727	492	183	15,849	4,652	2,994	23,495

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MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
432034	87	WYANDOTTE TEL CO	353	144	88	2,032	1,357	1,134	4,523
532404	87	ASOTIN TEL - OR	88	16	12	151	160	185	497
532359	87	BEAVER CREEK COOP	3,057	798	231	37,320	9,277	5,117	51,713
532304	87	C P NATIONAL CORP-OR	9,248	3,979	1,044	50,874	32,677	19,838	103,390
532362	87	CANBY TEL ASSN	7,130	2,997	647	56,015	26,972	9,108	92,095
532371	87	CASCADE UTIL INC	6,722	1,908	264	62,083	18,764	9,325	90,172
532363	87	CLEAR CREEK MUTUAL	2,545	689	214	31,907	7,366	4,269	43,541
532364	87	COLTON TEL CO	885	360	64	7,286	3,453	1,337	12,076
532449	87	CONTEL OF THE NW- OR	20,210	7,570	1,933	166,016	73,301	34,977	274,293
532376	87	HELIX TEL CO.	247	81	19	665	847	368	1,880
532377	87	HOME TELEPHONE CO	539	132	35	2,848	1,572	545	4,965
532456	87	MALHEUR HOME TEL CO	9,648	594	1,700	107,566	13,359	31,788	152,713
532226	87	MIDVALE TEL EXCH -OR	213	82	30	1,992	753	382	3,127
532383	87	MOLALLA TEL CO.	4,382	1,762	318	34,787	15,819	5,097	55,702
532385	87	MONROE TELEPHONE CO.	678	292	38	3,117	2,745	747	6,608
532387	87	NEHALEM TEL & TEL	1,666	460	106	5,529	4,351	1,695	11,576
532388	87	NORTH STATE TEL CO.	362	151	27	1,497	1,455	506	3,457
532389	87	OREGON TEL CORP	1,313	555	113	6,032	5,544	2,053	13,629
532392	87	PINE TEL SYSTEM INC.	608	127	66	4,006	1,405	1,253	6,664
532393	87	PIONEER TEL COOP	9,440	2,399	654	56,957	23,878	13,098	93,933
532375	87	RTI/HALSEY TEL CO	561	463	111	2,054	4,612	2,825	9,491
532397	87	SCIO MUTUAL TEL ASSN	1,283	505	83	7,940	4,906	1,615	14,460
532399	*	STAYTON COOP TEL CO	4,277	951	416	35,919	9,768	6,779	52,466
532361	87	TEL UTIL OF OREGON	33,991	12,725	3,926	239,420	122,819	64,834	427,073
532378	87	TRANS-CASCADES TEL	94	29	11	577	352	212	1,141
170189	87	ARMSTRONG TEL CO-PA	1,290	685	120	9,159	7,424	2,226	18,809
170170	87	CONTEL OF PA	43,668	10,288	4,438	453,469	117,888	71,878	643,234
170177	87	LACKAWAXEN TEL CO	2,007	487	334	5,777	3,767	4,955	14,500
170192	87	NORTH PENN TEL CO	3,652	834	736	23,373	8,283	8,731	40,388
170194	87	OSWAYO RIVER TEL CO	1,477	255	301	11,211	2,670	4,021	17,902
170201	87	QUAKER STATE TEL CO	26,952	5,428	3,839	224,736	56,200	54,645	335,581
170206	87	SUGAR VALLEY TEL CO	831	226	107	4,903	2,198	1,175	8,276
170210	*	VENUS TEL CORP	1,023	139	61	5,257	1,430	992	7,679
633200	87	PUERTO RICO COMM	87,881	23,107	3,063	805,005	233,094	74,049	1,112,148
240512	87	BLUFFTON TEL. CO.	2,424	842	498	9,076	6,954	5,994	22,024
240526	87	CONTEL OF SC	12,796	1,853	1,082	188,147	21,328	25,505	234,980
240520	87	FARMERS TEL COOP	33,676	5,850	3,353	518,953	58,156	66,394	643,503
240523	87	HARGRAY TEL CO	29,435	2,757	8,431	179,058	32,335	107,917	319,310
240528	87	HORRY TEL COOP	37,127	5,525	4,040	319,001	52,154	66,523	437,677
240533	87	MCCLELLANVILLE TEL	1,124	363	85	8,228	3,617	1,775	13,620
240539	87	POND BRANCH TEL CO	7,184	1,917	388	70,905	16,668	8,144	95,717
240551	87	WILLISTON TEL CO	3,363	855	281	34,410	8,461	4,372	47,243
391645	*	BROOKINGS-LAKE TEL	2,513	496	217	18,725	5,092	3,534	27,351
391647	87	CHEYENNE RIVER SIOUX	1,743	419	159	20,686	4,180	3,236	28,101
391643	87	CONTEL OF S. DAKOTA	7,273	1,295	534	53,827	15,691	13,906	83,424
391659	87	GOLDEN WEST TELECOMM	11,199	2,371	1,377	94,168	23,054	22,131	139,354
391666	87	JEFFERSON TEL CO -SD	468	77	146	1,859	628	1,741	4,229
391667	87	KADOKA TELEPHONE CO	498	108	99	2,696	1,014	943	4,652
391668	87	KENNEBEC TEL CO	265	95	28	1,299	916	363	2,579
391669	*	MCCOOK COOP TEL CO	754	122	53	4,597	1,250	867	6,714
391670	*	MIDSTATE TEL COMPANY	2,365	443	194	16,738	4,552	3,159	24,449
391676	*	SANBORN TEL COOP	2,379	360	157	13,586	3,694	2,564	19,844
391680	*	SULLY BUTTES TEL	3,870	796	348	30,047	8,171	5,670	43,888
391689	87	WEST RIVER COOP	1,487	255	181	16,159	3,102	2,678	21,939
290552	87	ADAMSVILLE TEL CO	5,376	580	526	79,081	6,852	7,539	93,473
290571	87	MILLINGTON TEL CO	15,869	1,368	2,586	258,975	19,025	47,148	325,148
290575	87	TENNESSEE TEL CO	31,532	4,411	3,614	518,962	44,558	48,457	611,977
290579	87	TWIN LAKES TEL COOP	22,631	3,279	1,466	290,489	32,296	25,908	348,692
442121	87	ALLTEL TEXAS INC	2,659	755	153	20,444	8,566	2,769	31,779
442039	87	BIG BEND TEL CO INC	2,434	817	223	11,552	8,879	3,734	24,165
442040	87	BRAZORIA TEL CO	5,094	1,323	167	50,117	15,699	4,104	69,919
442041	87	BRAZOS TEL COOP INC	1,134	457	29	3,012	4,829	659	8,500
440425	87	CAMERON TEL CO TEXAS	970	338	47	4,378	3,009	515	7,902
442046	87	CAP ROCK TEL CO INC	2,285	850	82	13,745	9,144	1,697	24,585
442052	87	CENTRAL TEXAS CO-OP	3,465	834	86	22,230	10,184	1,733	34,147
442057	*	COLEMAN COUNTY CO-OP	1,796	128	56	4,851	1,319	916	7,086
442059	87	COLORADO VALLEY TEL	4,829	1,333	154	29,153	14,759	3,383	47,295

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MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
442060	*	COMANCHE COUNTY TEL	4,563	310	136	11,719	3,187	2,212	17,118
442066	87	DELL TEL. CO-OP - TX	468	143	78	2,060	1,434	1,143	4,638
442262	87	E N M R TEL COOP-TX	734	127	55	6,673	1,372	821	8,866
442068	87	EASTEX TEL COOP INC	20,078	4,703	1,098	151,779	52,020	16,298	220,097
442070	87	ETEX TEL COOP INC	9,020	3,263	359	47,163	35,102	7,587	89,852
442071	87	FIVE AREA TEL CO-OP	1,465	479	129	12,071	5,368	2,211	19,651
442072	87	FORT BEND TEL CO	16,546	3,248	1,096	208,590	37,450	20,224	266,264
442076	87	GANADO TELEPHONE CO	1,246	462	31	7,968	4,827	715	13,511
442083	87	GUADALUPE VALLEY TEL	14,649	6,392	663	74,019	62,188	15,406	151,613
442086	87	HILL COUNTRY CO-OP	8,904	2,306	318	50,721	25,521	6,623	82,865
442093	87	INDUSTRY TEL CO	1,558	523	36	6,447	5,344	731	12,521
442097	87	KERRVILLE TEL CO	13,892	3,571	980	114,642	43,596	18,475	176,713
442103	87	LA WARD TEL EXCHANGE	846	342	20	2,399	3,675	563	6,638
442101	87	LAKE DALLAS TEL CO	4,239	2,940	457	17,546	25,194	9,517	52,256
442104	87	LAKE LIVINGSTON TEL	922	204	29	2,273	2,255	611	5,139
442109	87	LUFKIN-CONROE TEL EX	58,266	17,340	4,263	653,213	198,735	71,744	923,691
442112	87	MID-PLAINS RURAL TEL	2,021	878	108	14,151	9,243	2,073	25,466
442116	87	MUENSTER TEL CORP-TX	1,640	548	85	11,639	5,437	1,636	18,712
442117	87	MUSTANG TEL CO	2,224	1,008	230	6,244	9,125	3,437	18,805
442129	87	PEEPLS TELEPHONE CO	895	436	33	4,071	3,804	566	8,441
442130	87	PEOPLES TEL COOP -TX	6,826	2,188	260	44,936	23,735	5,955	74,626
442131	87	POKA-LAMBRO TEL COOP	3,246	1,306	121	22,936	13,004	2,154	38,094
442134	87	RIVIERA TEL CO INC	815	368	32	3,606	3,345	716	7,666
442136	87	ROMAIN TELEPHONE CO	845	257	95	5,899	3,038	1,373	10,310
442141	*	SANTA ROSA TEL COOP	1,571	118	52	4,453	1,211	840	6,505
442143	*	SOUTH PLAINS TEL	3,495	362	158	13,658	3,714	2,578	19,950
442135	87	SOUTHWEST TEXAS TEL	2,012	686	69	10,922	7,991	1,531	20,444
442147	87	SUGAR LAND TEL CO	23,415	2,046	2,934	362,288	39,635	65,002	466,926
442148	87	SWEENEY-OLD OCEAN	2,549	1,491	143	19,186	15,681	3,689	38,556
442151	87	TAYLOR TEL CO-OP INC	5,244	1,574	142	41,008	18,484	4,557	64,048
442153	87	TEXAS-MIDLAND TEL	9,119	3,840	437	49,334	40,072	8,369	97,775
442155	87	TRI - COUNTY TEL - TX	766	269	24	4,719	3,073	473	8,264
442156	87	TRINITY VALLEY TEL	5,191	1,805	313	40,623	16,376	4,954	61,953
442159	87	VALLEY TEL CO-OP -TX	4,156	1,926	138	27,302	17,978	2,577	47,857
442160	87	VALLEY VIEW TEL CO	855	468	67	3,317	4,401	1,067	8,785
442163	87	WATERWOOD COMM INC	378	111	17	228	1,054	369	1,651
442168	87	WES - TEX TEL CO-OP	3,073	1,001	110	28,228	11,519	2,360	42,107
442166	87	WEST TEXAS RURAL TEL	1,703	722	217	14,175	7,271	3,085	24,532
442170	87	XIT RURAL TEL CO-OP	986	296	186	5,363	3,423	2,706	11,492
502277	87	CENTRAL UTAH TEL INC	737	185	46	7,150	2,014	894	10,058
502177	87	CONTEL THE WEST - UT	13,593	3,148	2,497	125,521	32,576	36,617	194,715
502278	87	EMERY COUNTY FARMERS	2,441	724	239	26,638	6,587	2,686	35,911
502280	87	KAMAS-WOODLAND TEL	1,498	444	71	7,576	4,291	1,473	13,340
502275	87	NAVAJO COMMUN - UT	272	57	135	699	539	1,431	2,669
502283	*	SKYLINE TELECOM	530	60	26	2,283	621	431	3,335
502286	87	SOUTH CENTRAL UTAH	2,544	471	295	16,466	4,614	4,385	25,466
502287	87	UINTAH BASIN TEL	2,507	793	171	18,317	8,729	3,719	30,765
502288	87	UT-WY TELECOM	431	85	77	9,067	956	855	10,877
140070	87	CONTEL OF VERMONT	29,614	7,345	5,545	179,724	63,902	75,837	319,463
140058	87	LUDLOW TEL CO	3,314	720	559	11,190	5,501	6,205	22,896
140061	87	NORTHFIELD TEL CO	2,438	718	501	14,329	6,185	7,667	28,182
140062	87	PERKINSVILLE TEL CO	683	225	119	2,303	2,199	1,724	6,225
140068	87	TOPSHAM TEL CO	934	193	125	5,919	2,133	2,150	10,201
140069	87	WAITSFIELD/FAYSTON	4,166	758	734	19,259	6,107	9,533	34,900
643300	87	VIRGIN ISLANDS TEL	41,038	0	9,109	1,005,897	0	189,300	1,195,196
190217	87	AMELIA TEL CORP	2,080	845	179	27,098	8,665	3,382	39,145
190249	87	ROANOKE & BOTETOURT	5,851	1,294	847	73,399	16,274	9,922	99,594
522404	87	ASOTIN TEL - WA	796	68	74	8,185	934	1,274	10,393
522449	87	CONTEL OF THE NW-WA	44,715	5,639	15,372	374,554	143,250	81,383	599,187
522410	87	COWICHE TELEPHONE CO	1,389	646	92	6,721	5,812	1,481	14,014
522412	87	ELLENSBURG TEL CO	13,523	2,918	1,501	109,213	34,514	20,605	164,332
522417	87	HAT ISLAND TEL CO	47	0	0	0	0	0	0
522419	87	HOOD CANAL TEL CO	674	265	50	1,440	2,388	926	4,754
522423	87	INLAND TEL CO -WA	1,379	287	121	7,998	3,171	1,863	13,031
522426	87	KALAMA TEL CO	1,483	704	320	7,603	5,799	2,691	16,093
522427	87	LEWIS RIVER TEL CO	2,143	969	392	10,803	9,093	5,540	25,435
522431	87	MASHELL TEL CO INC	1,732	830	123	7,214	8,188	2,241	17,643

TABLE 4.22 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
522436	87	PENINSULA TELECOMM	3,991	1,261	411	29,064	14,397	8,166	51,626
522437	87	PIONEER TEL CO	706	222	59	4,002	2,276	866	7,144
522442	87	ST JOHN TEL CO	551	194	56	2,072	2,167	771	5,010
522408	87	TEL UTIL OF WA INC	68,039	27,465	7,476	463,087	275,436	128,794	867,317
522446	87	TENINO TELEPHONE CO	1,961	993	156	10,667	8,777	2,929	22,374
522447	87	TOLEDO TELEPHONE CO	1,278	506	138	9,306	5,068	2,386	16,760
522451	87	WESTERN WAMKIAKUM	836	222	91	5,359	2,567	1,205	9,131
522452	87	WHIDBEY TEL CO.	5,663	1,666	499	42,111	17,047	5,705	64,863
522453	87	YELM TELEPHONE CO	4,630	2,304	349	35,942	21,418	6,788	64,147
200278	87	CONTEL OF WV	21,727	5,445	2,942	275,753	54,317	43,402	373,473
200259	87	HARDY TEL CO	1,786	127	209	18,773	1,440	2,975	23,187
200270	87	MOUNTAIN STATE TEL	14,719	3,695	1,741	230,182	39,280	29,430	298,892
330842	*	AMERY TEL CO	4,461	1,284	562	48,499	13,189	9,153	70,841
330843	*	AMHERST TEL CO	3,279	434	190	16,402	4,460	3,095	23,958
330844	87	BADGER TELECOM, INC.	3,712	808	211	35,661	7,926	3,607	47,194
330925	*	BAYLAND TEL CO	1,215	163	71	6,144	1,671	1,160	8,975
330851	87	BONDUEL TEL CO	1,389	315	57	11,902	315	57	12,274
330855	*	BRUCE TEL CO, INC	1,253	253	111	9,540	2,594	1,800	13,935
330856	87	BURLINGTON B&W	2,653	771	316	14,048	3,965	885	18,898
330857	*	CASCO TEL CO	980	70	31	2,660	723	502	3,885
330841	87	CENCOM OF WISCONSIN	20,556	3,699	1,290	142,398	40,893	20,692	203,982
330859	87	CENTRAL STATE TEL CO	6,801	1,723	359	48,244	16,436	6,488	71,167
330895	87	CENTURY OF WISCONSIN	40,703	4,270	4,404	425,449	62,896	87,730	576,075
330860	87	CHEQUAMEGON TEL COOP	5,444	956	439	21,900	8,557	7,087	37,544
330861	*	CHIBARDUN TEL COOP	4,314	671	294	25,344	6,892	4,783	37,019
330870	87	CRANDON TEL CO	2,189	411	90	14,262	4,421	1,886	20,570
330876	87	DODGE COUNTY TEL CO	850	215	25	6,123	2,433	400	8,956
330914	87	EASTCOAST TELECOM	2,733	530	131	27,670	6,226	2,049	35,945
330882	87	FENNIMORE TEL CO	1,508	400	120	11,541	4,412	1,484	17,438
330883	87	FOOTVILLE TEL CO	809	123	48	9,204	1,314	740	11,258
330888	87	GREENWOOD TEL CO	1,285	197	51	12,816	2,633	984	16,432
330889	*	HAGER TELECOM INC.	1,547	387	169	14,604	3,971	2,756	21,332
330891	87	HEADWATERS TEL CO	3,320	139	149	13,007	5,488	2,949	21,444
330892	*	HILLSBORO TEL CO	1,342	159	70	6,010	1,634	1,134	8,779
330936	87	INDIANHEAD TEL CO	1,590	365	89	7,513	3,479	1,727	12,718
330858	*	LAKESHORE TEL CO	1,476	107	47	4,026	1,095	760	5,881
330898	87	LARSEN-READFIELD TEL	1,932	545	73	13,817	4,939	1,117	19,874
330900	*	LEMONWEIR VALLEY TEL	2,339	509	223	19,223	5,227	3,628	28,078
330905	*	MANAWA TEL CO	1,780	196	86	7,413	2,016	1,399	10,828
330908	87	MARQUETTE-ADAMS COOP	2,510	639	299	11,960	5,927	6,672	24,560
330909	87	MIDWAY TEL CO	5,823	1,367	617	52,178	12,246	5,937	70,361
330910	*	MILLTOWN MUTUAL TEL	1,773	449	196	16,948	4,609	3,198	24,756
330913	87	MONROE COUNTY TEL CO	8,368	1,759	898	67,783	17,347	14,672	99,802
330916	87	MOUNT HOREB TEL CO	2,631	405	176	27,002	4,567	3,013	34,582
330917	87	MT VERNON TEL CO	4,865	884	397	51,710	10,253	6,742	68,705
330920	*	NIAGARA TEL CO	3,112	1,613	706	60,913	16,564	11,496	88,973
330922	87	NORTH-WEST TEL CO	50,816	10,278	3,645	450,383	113,195	66,064	629,642
330931	87	PEOPLES TEL CO	5,256	1,393	291	38,305	13,101	4,471	55,876
330934	+	PLATTEVILLE TEL CO	7,264	1,147	666	46,841	14,729	9,827	71,397
330937	+	PRICE COUNTY TEL CO	3,218	699	305	25,168	7,343	4,664	37,175
330940	87	RHINELANDER TEL CO	8,612	1,703	662	84,861	18,822	12,657	116,341
330941	*	RIB LAKE TEL CO	1,038	116	51	4,381	1,191	827	6,399
330943	87	RIVERSIDE TELECOM	1,353	352	116	9,315	4,210	1,701	15,226
330945	87	SCANDINAVIA TEL CO	1,831	472	127	10,785	5,080	1,417	17,282
330948	*	SHELL LAKE TEL CO	1,747	336	147	12,673	3,446	2,392	18,510
330949	*	SIREN TEL CO, INC	1,653	374	164	14,113	3,838	2,663	20,614
330950	87	OLON SPRINGS TEL CO	13,375	2,313	1,522	77,178	23,004	21,089	121,271
330952	87	SOUTHEAST TEL OF WISCONSIN	5,353	1,472	380	45,408	14,865	7,984	68,257
330954	87	STOCKBRIDGE & SHERWD	2,234	525	65	15,609	5,735	1,071	22,415
330959	*	THORP TEL CO	1,840	284	124	10,722	2,916	2,023	15,661
330961	*	TURTLE LAKE TEL CO	1,110	179	79	6,774	1,842	1,278	9,894
330956	87	UNIVERSAL OF N WISC	9,734	2,134	695	59,884	21,534	12,199	93,617
330964	87	URBAN TEL CORP	16,325	3,301	793	148,891	35,227	19,937	197,054
330963	87	UTELCO, INC	12,137	2,030	1,067	88,195	21,246	19,014	128,455
330965	87	VALDERS TEL CO	1,796	487	68	15,194	4,710	1,270	21,174
330967	*	VIROQUA TEL CO	2,890	472	207	17,836	4,850	3,366	26,053
330973	*	WITTENBERG TEL CO	1,686	179	78	6,752	1,836	1,274	9,862

TABLE 4.22 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YEAR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
330974	87	WOOD COUNTY TEL CO	19,842	3,085	1,332	193,659	30,315	21,568	245,542
512291	87	DUBOIS TEL EXCHANGE	1,537	279	257	6,844	2,656	3,893	13,394
512294	87	MEDICINE BOW TEL CO	233	48	17	1,085	519	349	1,953
512251	87	RANGE TEL COOP - WY	1,333	292	261	10,331	3,411	3,916	17,658
512295	87	SILVER STAR TEL-WY	958	176	213	4,634	1,273	2,616	8,524
512299	87	TEL. UTIL. OF WY.	2,604	472	444	14,794	4,959	7,431	27,183
512297	87	UNION TELEPHONE CO	2,748	496	687	23,183	5,142	8,631	36,956
512290	87	UTAH-WYOMING TELECOM	289	34	77	1,537	329	917	2,783
TOTAL (678 STUDY AREAS)			5,147,325	1,275,329	521,877	47,333,285	13,095,104	8,611,255	69,039,646

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

- \* - COMPANIES FOR WHICH NECA COMPUTED DATA
- + - COMPANIES WHICH SUBMITTED 1986 DATA RATHER THAN 1987 DATA

TABLE 4.22 B

 1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
250284	88 BUTLER TEL CO	3,165	589	597	49,285	7,263	8,088	64,636
250281	88 CONTEL OF THE SOUTH	75,632	19,073	9,308	1,115,732	180,281	114,423	1,410,435
250297	88 GROVE HILL TEL CORP	1,653	702	127	17,014	6,638	2,369	26,022
250298	88 GULF TEL CO - AL	23,497	4,073	4,547	220,486	30,947	50,600	302,032
250300	88 HOPPER TEL. CO INC	2,635	895	138	24,792	8,073	2,469	35,334
250304	88 MILLRY TEL CO	4,772	1,100	592	52,354	10,685	7,342	70,381
250306	88 MONROEVILLE TEL CO	9,979	1,959	1,139	163,741	22,389	22,468	208,598
250314	88 PEOPLES TEL CO	9,908	1,788	1,174	126,632	16,865	16,443	159,940
250316	88 RAGLAND TEL CO	988	312	54	9,691	3,197	991	13,879
250318	88 SOUTHLAND TEL CO-AL	8,820	2,020	1,074	152,422	24,874	18,942	196,237
613000	88 ANCHORAGE TEL UTIL	118,036	12,314	14,085	1,822,367	160,491	336,277	2,319,135
613001	88 ARCTIC SLOPE TEL	1,262	823	423	8,259	11,048	8,795	28,102
613003	88 BRISTOL BAY TEL COOP	1,045	213	181	6,021	3,200	2,795	12,017
613004	88 BUSH-TELL INC.	511	264	29	3,194	2,330	509	6,032
613006	88 COPPER VALLEY TEL	2,852	744	452	24,481	8,287	8,368	41,135
613007	88 CORDOVA TEL COOP	1,272	270	248	10,297	2,876	4,501	17,675
613008	88 FAIRBANKS MUNICIPAL	25,115	2,909	3,165	336,580	36,681	68,451	441,712
613010	88 GLACIER STATE TEL CO	28,690	5,123	3,800	298,286	54,594	81,970	434,850
613009	88 GTE ALASKA INC.	11,989	3,015	1,750	89,551	37,478	31,643	158,672
613011	88 INTERIOR TEL CO INC	2,272	794	762	12,525	8,101	11,315	31,940
613012	88 JUNEAU & DOUGLAS TEL	14,471	1,907	2,014	151,378	25,648	42,514	219,539
613013	88 KETCHIKAN PUBLIC UT	6,873	855	1,546	71,548	9,320	21,855	102,723
613015	88 MATANUSKA TEL ASSOC	25,952	5,715	1,903	253,473	62,355	59,614	375,442
613016	88 MUKLUK TEL CO INC	679	284	40	2,694	2,798	756	6,248
613018	88 NUSHAGAK TEL COOP	1,280	418	183	11,915	4,500	3,381	19,796
613019	88 OTZ TEL COOPERATIVE	1,553	780	179	11,617	8,403	2,995	23,015
613020	88 SITKA TELEPHONE CO	7,308	2,315	1,567	52,546	21,438	24,437	98,421
613022	88 TEL UTIL OF ALASKA	2,339	213	453	21,253	1,967	12,167	35,388
613023	88 UNITED UTILITIES INC	3,163	1,570	181	20,873	15,495	3,776	40,144
613025	88 YUKON TEL CO INC	322	159	33	1,610	1,598	664	3,871
452171	88 ARIZONA TELEPHONE CO	1,746	544	162	3,202	5,350	2,893	11,445
452172	88 CITIZENS UTILITIES	39,718	4,954	10,248	290,163	43,904	137,666	471,734
452302	88 CONTEL CALIF - AZ	5,033	669	1,251	29,765	9,149	14,311	53,224
452177	88 CONTEL OF WEST-AZ	22,964	5,158	2,769	150,135	53,914	50,286	254,334
452275	88 NAVAJO COMMUN-AZ	7,057	2,668	2,195	42,374	26,388	27,136	95,899
452173	88 PAPAGO TRIBAL UTIL.	1,516	161	28	3,360	1,446	654	5,461
452175	88 UNIVERSAL TEL OF SW	1,101	277	110	7,129	2,678	1,764	11,571
452176	88 VALLEY TEL COOP-AZ	1,820	590	323	9,562	5,856	6,035	21,452
401691	88 ALLTEL ARKANSAS INC	56,827	17,959	7,830	617,210	169,866	123,073	910,148
401692	88 ARKANSAS TEL CO	5,660	1,047	547	54,072	8,298	10,057	72,427
401697	88 CENTRAL ARKANSAS TEL	2,026	602	120	20,043	5,523	2,470	28,035
401705	88 CENTURY OF ARKANSAS	10,901	2,247	1,285	106,490	20,927	24,129	151,546
401698	88 CLEVELAND COUNTY TEL	2,223	743	111	16,391	7,477	2,467	26,335
401730	88 CONTEL OF ARKANSAS	64,499	20,579	7,793	783,674	198,239	143,493	1,125,406
401699	88 DECATUR TEL CO INC	923	301	115	3,727	2,413	1,623	7,763
401709	88 MADISON COUNTY TEL	1,958	683	253	21,072	5,744	4,564	31,380
401711	88 MOUNTAIN HOME TEL	13,910	1,746	1,961	87,606	18,398	37,001	143,005
401713	88 NORTH ARKANSAS TEL	3,908	1,321	566	24,949	10,826	11,455	47,230
401720	88 REDFIELD TEL CO	1,318	563	75	9,979	4,941	1,963	16,883
401702	88 SOUTH ARKANSAS TEL	3,261	873	190	29,002	8,076	4,152	41,229
401726	88 TRI-COUNTY TEL CO-AR	4,325	978	332	47,251	9,010	7,899	64,160
401727	88 UNION TEL CO INC	864	219	160	6,795	2,169	2,267	11,231
401729	88 WALNUT HILL TEL CO	4,324	1,030	605	32,491	10,932	9,847	53,270
401733	88 YELCOT TEL CO INC	2,609	628	287	25,049	5,735	5,459	36,243
401734	88 YELL COUNTY TEL CO	4,058	1,185	242	36,029	10,580	5,111	51,721
542304	88 C P NATIONAL CORP-CA	11,096	4,720	1,229	64,835	44,913	14,673	124,421
542301	88 CALAVERAS TEL CO	1,658	786	78	5,819	7,323	1,713	14,854
542311	88 CALIF-OREGON TEL CO	2,155	479	654	10,280	6,161	6,190	22,631
542308	88 CITIZENS UTIL OF CA	55,130	16,394	4,594	578,488	186,009	69,919	834,417
542313	88 DUCOR TELEPHONE CO	581	297	19	2,258	2,941	465	5,664
542315	88 EVANS TEL CO.	7,643	4,998	665	50,880	40,596	6,274	97,750
542318	88 FORESTHILL TEL CO.	1,806	885	65	6,954	8,846	1,841	17,641
542321	88 HAPPY VALLEY TEL CO	2,518	541	113	23,926	8,500	2,286	34,712
542322	88 HORNITOS TEL CO	407	255	28	1,022	2,560	508	4,091
542324	88 KERMAN TELEPHONE CO	4,037	1,066	188	48,055	14,092	2,816	64,962
542346	88 PINNACLES TEL CO	117	203	28	215	1,685	333	2,233
542332	88 PONDEROSA TEL CO	5,444	2,473	199	25,500	23,680	3,881	53,061

TABLE 4.22 B

 1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
542334	88 ROSEVILLE TEL CO	62,604	20,591	5,322	754,711	171,264	68,633	994,608
542338	88 SIERRA TELEPHONE CO	11,113	4,297	547	80,356	42,988	9,854	133,197
542339	88 SISKIYOU TEL CO	3,129	1,344	382	15,279	14,860	4,530	34,669
542342	88 TUOLUMNE TEL CO	4,137	2,230	188	19,636	21,677	4,082	45,396
542343	88 VOLCANO TEL CO	7,496	2,727	442	30,399	30,618	6,137	67,154
462192	88 BIG SANDY TELCOMM	643	233	36	3,480	2,522	922	6,924
462181	88 BIJOU TEL COOP ASSOC	954	384	73	4,731	3,799	1,670	10,201
462182	88 BLANCA TEL CO	464	158	88	1,013	749	571	2,334
462204	88 COLUMBINE TEL CO	626	189	71	2,431	1,516	1,622	5,569
462184	88 DELTA COUNTY TEL CO	5,930	833	484	56,340	10,474	11,673	78,487
462185	88 EAGLE TELECOMMUN INC	5,232	2,084	852	27,039	18,536	15,708	61,283
462186	88 EASTERN SLOPE RURAL	3,777	1,388	315	22,209	14,284	5,590	42,083
462187	88 EL PASO COUNTY TEL	1,845	887	159	12,242	9,104	3,742	25,088
462188	88 FARMERS TEL CO - CO	280	104	36	1,268	846	406	2,520
462190	88 HAXTUN TEL CO	1,211	410	115	7,484	4,388	2,093	13,965
462193	88 NUCLA-NATURITA TEL	1,047	224	98	5,877	2,347	1,921	10,145
462194	88 NUNN TEL CO	261	96	28	1,281	853	552	2,687
462196	88 PEETZ COOP TEL CO	182	47	31	1,338	587	507	2,431
462199	88 PLAINS COOP TEL ASSN	1,331	510	124	8,185	4,976	2,043	15,204
462203	88 RYE TELEPHONE CO	1,269	388	123	7,977	3,684	2,634	14,295
462207	88 STRASBURG TEL CO	869	359	64	3,945	3,332	1,375	8,652
461835	88 SUNFLOWER TEL - CO	292	122	50	1,422	1,150	866	3,438
462208	88 UNIVERSAL TEL CO -CO	3,772	559	623	34,314	5,924	10,839	51,076
462209	88 WIGGINS TEL ASSOC	1,096	452	74	5,464	4,475	1,352	11,291
210336	88 ALLTEL FLORIDA INC.	46,100	11,712	4,772	487,879	122,989	75,944	686,811
210291	88 FLORALA TEL CO	2,689	204	129	17,438	2,757	2,175	22,370
210329	88 GULF TEL CO	7,040	1,570	810	84,203	20,709	14,437	119,348
210331	88 INDIANTOWN SYSTEM	2,013	1,223	288	11,083	11,786	5,665	28,533
210335	88 NORTHEAST FLORIDA	4,865	1,405	510	44,575	15,433	10,427	70,435
210338	88 QUINCY TEL CO-FL DIV	8,195	2,225	979	116,938	24,000	16,277	157,215
210339	88 SAINT JOSEPH TEL & TEL	20,241	4,362	2,073	172,216	46,028	30,946	249,190
210318	88 SOUTHLAND TEL-FL	2,864	293	272	42,686	3,554	4,602	50,841
210330	88 VISTA-UNITED TELCOM	9,141	1,860	3,961	92,193	25,783	61,432	179,408
220344	88 ALMA TEL CO	5,160	1,355	388	56,991	13,173	5,868	76,032
220347	88 BRANTLEY TEL CO	2,980	876	226	30,105	8,110	3,417	41,633
220351	88 CAMDEN TEL & TEL CO	9,862	1,438	2,914	103,085	17,105	34,528	154,719
220355	88 CITIZENS TEL CO - GA	3,781	1,045	246	45,678	9,945	4,413	60,036
220356	88 COASTAL UTILITIES	19,776	4,590	4,293	182,578	50,212	82,307	315,097
220281	88 CONTEL OF SOUTH - GA	59,216	13,782	4,853	612,983	153,022	86,881	852,886
220358	88 DARIEN TEL CO	3,458	918	333	31,419	9,339	5,076	45,834
220360	88 ELLIJAY TEL CO	6,454	1,586	484	61,173	16,651	6,448	84,272
220371	88 INTERSTATE TEL CO	9,373	1,233	1,340	151,332	16,536	20,575	188,443
220377	88 PINELAND TEL COOP	8,536	2,055	469	94,335	21,661	9,128	125,124
220379	88 PLANT TEL. CO.	7,161	2,067	520	74,067	20,041	8,061	102,170
220381	88 PUBLIC SERVICE TEL	7,511	2,233	447	90,172	22,656	9,491	122,319
220338	88 QUINCY TEL CO-GA DIV	566	59	135	10,229	868	2,054	13,152
220386	88 STANDARD TEL CO	33,139	10,388	3,514	386,437	114,230	60,211	560,878
220392	88 WAVERLY HALL TEL CO	930	302	71	5,366	3,328	1,248	9,943
220394	88 WILKES TEL & ELC CO	8,727	1,601	723	102,020	19,111	13,059	134,190
472213	88 ALBION TEL CO INC	896	271	149	6,361	2,496	2,024	10,880
472215	88 CAMBRIDGE TEL CO	815	190	66	4,072	2,161	1,195	7,429
472225	88 CENTURY TEL OF IDAHO	2,407	354	481	23,905	4,179	8,436	36,520
472177	88 CONTEL OF WEST-ID	12,774	3,291	1,437	71,542	33,338	25,616	130,496
472218	88 CUSTER TEL COOP	1,403	267	171	10,287	2,998	3,233	16,518
472223	88 GEM STATE UTIL-ID	869	374	125	6,545	3,623	2,084	12,253
472423	88 INLAND TEL-ID	251	83	31	1,077	948	492	2,517
472226	88 MIDVALE TEL EXCH INC	253	86	32	310	790	401	1,502
472231	88 PROJECT MUTUAL TEL	6,089	867	750	78,307	8,873	11,001	98,181
472232	88 ROCKLAND TEL CO INC	328	110	33	2,358	959	522	3,839
472233	88 RURAL TEL CO - ID	257	63	17	384	680	290	1,354
472295	88 SILVER STAR TEL- ID	310	87	42	1,480	1,007	786	3,273
472234	88 TROY TELEPHONE CO	633	224	105	3,091	2,029	1,644	6,765
341000	88 ALLTEL ILLINOIS INC.	39,144	10,412	4,854	304,765	110,121	80,247	495,133
341036	88 CONTEL OF ILLINOIS	156,767	52,774	16,972	1,199,164	569,825	254,732	2,023,722
341004	88 EL PASO TEL CO	1,505	633	161	10,279	6,254	2,142	18,675
341023	88 GRIDLEY TEL CO	1,077	552	133	5,139	5,209	1,464	11,813
341037	88 IL CONSOLIDATED TEL	71,662	24,871	8,318	693,940	237,785	113,725	1,045,450

TABLE 4.22 B

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 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
341038	88	INLAND TEL CO	4,085	1,899	213	20,269	19,659	4,359	44,287
341011	88	LAKESIDE TEL CO	758	240	72	5,401	2,509	970	8,881
341045	88	LEAF RIVER VLY TEL	542	245	29	2,460	2,323	571	5,354
341055	88	MIDLAND TEL CO	3,944	1,670	239	23,350	17,562	3,810	44,721
341060	88	MOULTRIE INDEPENDENT	660	246	23	4,332	2,408	562	7,302
341073	88	PRAIRIE TEL CO	917	296	52	6,466	3,127	1,005	10,598
320753	88	CLAY CTY RURAL COOP	7,887	2,275	526	79,829	23,225	9,231	112,285
320776	*	COMM CORP OF INDIANA	7,313	1,530	625	56,780	15,507	10,547	82,835
320779	88	CONTEL OF INDIANA	133,555	29,289	17,889	1,501,217	313,086	235,658	2,049,960
320762	88	ELNORA TEL CO	408	96	24	3,322	1,047	438	4,806
320778	88	HOME TEL CO INC	1,816	391	89	20,422	4,496	1,895	26,813
320797	88	NEW PARIS TEL INC	1,506	420	195	15,878	3,562	2,708	22,148
320800	88	NORTHWESTERN INDIANA	7,700	2,963	1,135	69,081	29,182	17,103	115,366
351346	88	ACE TEL ASSN-IA	3,662	806	340	27,660	8,371	4,728	40,759
351105	88	AYRSHIRE FARMERS MUT	388	175	22	1,454	1,387	389	3,230
351110	88	BERNARD TEL CO INC	454	187	32	3,728	1,654	602	5,984
351127	88	CENDEL OF IOWA	47,873	12,433	6,646	391,329	116,252	93,284	600,866
351207	88	CONTEL OF IOWA, INC.	70,359	18,968	5,389	544,748	172,092	89,693	806,533
351888	88	GRAND RIVER MUT-IA	5,524	1,258	913	46,202	13,494	10,747	70,443
351229	88	LOST NATION-ELWOOD	594	201	33	3,837	1,750	738	6,324
351316	88	UNITED FARMERS TEL	528	229	474	2,997	1,778	1,730	6,505
351327	88	WEBB-DICKENS TEL	452	225	38	1,421	2,079	695	4,196
411741	88	ASSARIA TEL EXCHANGE	444	270	44	2,092	2,401	925	5,418
411746	88	BLUE VALLEY TEL CO	2,718	1,045	220	12,859	9,377	3,295	25,531
411790	88	CONTEL OF KANSAS	44,908	18,090	4,280	256,343	176,874	68,725	501,941
411818	88	CRAW-KAN TEL COOP	11,385	3,897	1,247	75,042	36,022	19,569	130,633
411761	88	CUNNINGHAM TEL CO	1,538	477	88	6,915	4,857	1,838	13,609
411764	88	ELKHART TEL CO INC	1,409	271	292	8,081	2,552	3,971	14,605
411781	88	H & B COMMUNICATIONS	950	366	73	3,876	3,303	1,330	8,510
411782	88	HOME TEL CO	1,259	571	86	6,298	5,157	1,600	13,055
411785	88	J. B. N. TEL CO INC	2,296	755	149	12,443	12,724	3,526	28,693
411788	88	KANOKLA TEL ASSN-KS	2,212	603	220	12,161	5,843	3,528	21,532
411789	88	KANSAS STATE TEL CO	5,184	753	1,398	41,385	7,470	14,119	62,974
411801	88	MADISON TEL CO INC	726	208	43	4,359	1,791	971	7,122
411807	88	MOKAN DIAL INC-KS	1,942	793	290	11,836	7,263	4,121	23,221
411808	88	MOUNDRIDGE TEL CO	2,112	799	259	13,883	6,713	4,821	25,417
411814	88	PEOPLES MUTUAL TEL	1,012	310	187	6,179	2,680	2,124	10,984
411817	88	PIONEER TEL ASSN INC	11,009	3,041	1,556	88,536	28,082	24,406	141,024
411826	88	RURAL TEL SERVICE CO	6,545	2,224	416	39,353	21,117	8,160	68,630
411827	88	S & T TEL COOP ASSN	1,619	613	145	7,131	6,069	2,610	15,810
411831	88	SOUTH CENTRAL TEL - KS	1,058	417	77	3,538	3,904	1,406	8,847
411835	88	SUNFLOWER TEL CO	3,806	969	448	30,282	10,009	8,096	48,387
412030	88	TOTAH TELEPHONE CO	1,296	464	147	4,917	4,357	2,564	11,838
411840	88	TWIN VALLEY TEL INC	2,176	737	109	11,057	6,715	2,542	20,315
411841	88	UNITED TEL ASSN	4,545	1,909	478	25,344	16,684	8,184	50,211
411847	88	WHEAT STATE TEL	1,947	815	166	10,234	7,355	2,648	20,237
411849	88	WILSON TEL CO INC	2,192	653	106	12,033	6,734	2,493	21,259
411852	88	ZENDA TEL COMPANY	218	106	11	981	1,097	214	2,292
260410	88	CONTEL OF KENTUCKY	58,942	12,305	6,394	830,076	122,898	108,354	1,061,327
270422	88	ATHENS TEL CO	285	126	19	1,871	1,362	495	3,727
270431	88	CADDOAN TEL CO	7,776	1,806	1,228	95,124	18,907	19,414	133,445
270425	88	CAMERON TEL CO - LA	5,665	1,637	658	49,108	18,489	13,857	81,454
270423	88	CENTRAL LOUISIANA	12,555	3,509	1,084	160,119	35,434	22,595	218,148
270440	88	CENTURY TEL CO	1,450	675	138	23,243	7,384	3,307	33,934
270436	88	CENTURY TEL NORTH LA	971	294	106	8,131	2,738	2,102	12,971
270424	88	COASTAL TEL & ELECTR	9,299	3,185	622	100,122	28,147	12,046	140,315
270429	88	EAST ASCENSION TEL	20,675	7,276	2,855	295,622	59,114	39,242	393,979
270430	88	ELIZABETH TEL CO	2,250	461	117	26,228	4,827	3,249	34,303
270434	88	EVANGELINE TEL CO	25,194	7,616	1,862	300,578	72,336	37,184	410,099
270433	88	LAFOURCHE TEL CO	11,139	2,887	1,334	116,265	21,254	10,964	148,483
270442	88	LOUISIANA WESTERN	2,963	1,049	316	33,901	10,416	6,389	50,706
270435	88	NORTHEAST LOUISIANA	791	331	73	9,469	3,942	1,604	15,015
270437	88	PLAIN DEALING TEL CO	1,474	444	147	17,579	4,036	3,119	24,733
270443	88	UTC OF LOUISIANA	2,411	752	275	27,842	7,460	4,673	39,974
100004	88	CHINA TEL CORP	2,336	1,076	190	9,069	8,646	3,733	21,448
100014	88	CONTEL OF MAINE	36,958	11,486	4,419	214,550	98,844	66,608	380,001
100010	88	HAMPDEN TEL CO	2,194	592	174	20,899	6,231	3,055	30,185



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FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
100011	88	HARTLAND & ST ALBANS	2,682	840	186	14,361	7,423	3,458	25,242
100003	88	LINCOLNVILLE TEL CO	1,173	318	116	6,941	2,755	2,472	12,169
100024	88	SOMERSET TEL CO	8,747	2,571	745	38,090	24,146	12,769	75,004
100025	88	STANDISH TEL CO	4,993	2,187	524	21,964	19,595	9,959	51,517
100027	88	UNION RIVER TEL CO	939	296	62	3,216	2,648	1,353	7,217
100029	88	UNITY TEL CO., INC.	3,154	1,242	261	17,352	9,594	4,317	31,263
100031	88	WARREN TEL CO	1,259	666	121	4,477	5,765	1,871	12,113
100034	88	WEST PENOBSCOT TEL	1,627	694	106	7,803	6,125	1,807	15,735
310704	88	ACE TEL OF MICHIGAN	3,363	1,287	117	11,659	11,684	2,171	25,514
310681	88	ALLTEL MICHIGAN INC.	37,912	14,762	4,511	299,102	153,546	62,881	515,529
310679	88	BLOOMINGDALE TEL CO	1,460	775	95	5,562	6,961	1,795	14,319
310682	88	C, C & S TELCO - MI	17,457	4,806	1,343	127,814	51,520	23,025	202,360
310683	88	CARR TEL CO	1,348	336	37	3,466	3,542	873	7,881
310702	88	CENTURY TEL OF MICHIGAN	39,567	14,427	2,324	232,352	146,890	39,917	419,159
310685	88	CHATHAM TEL CO - MI	2,230	585	127	16,352	5,295	2,464	24,112
310680	88	CHIPPEWA COUNTY TEL	817	289	44	3,025	2,496	934	6,454
310687	88	CLAYTON TEL CO	551	303	43	1,893	2,906	653	5,452
310713	88	HIAWATHA TEL CO	3,395	886	262	21,525	9,602	4,691	35,818
310699	88	HICKORY TEL CO	1,148	203	83	14,369	2,981	1,649	19,000
310711	88	MIDWAY TEL CO	740	180	46	3,891	1,846	840	6,577
310714	*	OGDEN TEL CO	407	87	36	3,238	884	601	4,724
310717	88	ONTONAGON COUNTY TEL	3,716	640	345	30,541	6,686	5,629	42,856
310721	88	PIGEON TEL CO	2,545	1,205	158	12,307	11,319	2,458	26,085
310728	88	SPRINGPORT TEL CO	1,600	739	54	7,826	6,614	1,176	15,616
310732	88	UPPER PENINSULA TEL	3,187	1,278	363	17,647	12,381	6,125	36,154
310737	88	WINN TEL CO	543	387	28	1,701	3,433	1,074	6,208
310738	88	WOLVERINE TEL CO	7,140	2,905	295	65,588	30,750	6,539	102,877
361346	88	ACE TEL ASSN-MN	8,623	1,682	1,939	69,517	17,828	29,127	116,473
361374	88	ARROWHEAD COMM CORP	583	193	37	2,038	1,784	623	4,445
361350	88	ARVIG TEL CO	8,128	1,382	385	43,041	15,864	12,922	71,827
361370	88	CLARA CITY TEL EXCH	1,442	442	78	8,350	4,244	1,210	13,804
361140	88	CONTEL OF MINNESOTA	94,311	22,192	5,022	770,400	294,844	131,325	1,196,570
361379	88	DEER RIVER TEL CO	1,622	250	90	13,957	2,740	1,819	18,515
361385	88	EAST OTTER TAIL TEL	12,893	2,251	875	93,241	35,152	21,422	149,816
361395	88	GARDEN VALLEY TEL CO	12,720	3,594	880	94,433	37,421	15,260	147,113
361410	88	JOHNSON TEL CO	1,346	256	56	5,883	2,492	1,333	9,708
361414	88	LAKEDALE TEL CO	9,377	3,544	474	57,878	35,008	7,358	100,244
361433	88	MID STATE TEL CO	5,548	1,196	280	39,894	12,836	5,055	57,786
361442	88	NEW ULM TELECOM, INC	8,012	2,087	714	69,676	19,997	11,459	101,132
361443	88	NORMAN COUNTY TEL CO	3,696	563	387	32,466	6,357	5,519	44,343
361451	88	PAUL BUNYAN RURAL	4,953	1,041	263	43,995	11,694	5,861	61,549
361483	88	SLEEPY EYE TEL CO	5,112	1,553	296	35,330	15,440	5,138	55,909
361491	88	TWIN VALLEY-ULEN TEL	2,718	651	224	19,615	6,235	3,388	29,238
280446	88	BAY SPRINGS TEL CO	8,078	2,020	530	112,843	19,415	10,218	142,476
280452	88	DELTA TEL CO	3,142	628	213	35,388	5,349	3,912	44,649
280454	88	FRANKLIN TEL CO - MS	6,017	1,478	425	64,386	13,580	8,565	86,531
280458	88	HOME TEL CO-OLIVE BR	7,408	818	1,999	92,352	10,717	31,124	134,192
280459	88	HUGHES TEL CO	5,135	618	351	76,899	5,830	7,482	90,212
280461	88	SOUTHEAST MS TEL CO	3,413	774	338	33,462	7,009	5,233	45,705
421885	88	ALLTEL MISSOURI	20,233	7,016	1,860	199,640	67,736	36,998	304,373
421859	88	BOURBEUSE TEL	1,510	632	93	9,426	6,384	2,097	17,907
421865	88	CITIZENS TEL CO - MO	3,209	1,102	253	14,683	11,211	4,697	30,591
421922	88	CONTEL OF MISSOURI	140,673	58,488	14,822	1,040,377	474,737	332,610	1,847,724
421846	88	CONTINENTAL SYS. -MO	36,957	11,113	4,122	346,951	102,447	60,482	509,880
421873	88	EASTERN MISSOURI TEL	2,511	1,015	140	14,022	9,619	2,777	26,418
421882	88	FIDELITY TEL CO	9,731	3,062	769	77,317	27,171	12,092	116,580
421886	88	GOODMAN TEL CO	1,410	537	168	6,540	4,626	2,964	14,130
421888	88	GRAND RIVER MUT-MO	12,504	2,868	1,003	105,720	29,558	14,922	150,200
421929	88	HOLWAY TEL CO	550	196	34	5,206	1,709	539	7,454
421901	88	KINGDOM TELEPHONE CO	2,462	1,253	224	15,691	11,268	3,609	30,568
421908	88	LE-RU TELEPHONE CO	961	280	154	5,299	2,458	2,506	10,263
421904	88	MISSOURI TEL CO	15,420	3,588	1,161	132,062	33,221	21,411	186,693
421807	88	MOKAN DIAL INC-MO	591	268	70	4,692	2,416	1,235	8,343
421931	88	NE MISSOURI RURAL	3,360	859	281	26,457	8,549	5,641	40,646
421934	88	ORCHARD FARM TEL CO	662	506	42	1,946	4,521	656	7,124
421951	88	STOUTLAND TEL CO	892	309	43	7,013	2,876	988	10,877
421963	*	WEBSTER COUNTY TEL	4,591	821	335	30,473	8,323	5,661	44,456

TABLE 4.22 B

 1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
482235	88 BLACKFOOT TEL COOP	4,692	1,916	532	25,133	18,303	9,847	53,283
482241	* HOT SPRINGS TEL CO	0	120	49	4,452	1,216	827	6,495
482242	88 INTERBEL TEL COOP	856	142	94	6,290	1,275	1,843	9,408
482244	88 LINCOLN TEL CO INC	710	187	61	2,815	1,966	978	5,758
482246	88 MID-RIVERS TEL COOP	5,685	1,622	538	48,282	18,896	9,349	76,527
482247	88 NEMONT TEL COOP-MT	2,271	768	298	9,572	8,224	5,063	22,859
482248	88 NORTHERN TEL COOP	1,208	561	195	6,761	5,681	3,342	15,783
482249	88 NW TEL SYSTEMS, INC.	28,996	9,706	5,714	137,413	80,493	83,376	301,281
482250	88 PROJECT TEL CO	2,556	803	240	11,005	9,109	5,149	25,263
482251	88 RANGE TEL COOP-MT	2,657	828	387	18,886	8,684	5,950	33,520
482254	88 SOUTHERN MONTANA TEL	604	213	70	2,647	2,292	1,534	6,473
482255	88 THREE-RIVERS TEL COOP	8,382	2,199	803	48,315	25,028	13,774	87,117
482257	88 TRIANGLE TEL COOP	8,094	2,512	666	57,901	27,808	11,787	97,496
482258	88 VALLEY RURAL TEL	724	215	49	3,585	2,329	915	6,829
371516	88 ARAPAHOE TEL CO	1,004	264	70	6,720	2,467	1,283	10,471
371517	88 ARLINGTON TEL CO	899	386	114	6,152	3,713	1,606	11,471
372455	88 BENKELMAN TEL CO	1,185	178	135	7,940	1,784	1,959	11,684
371524	88 BLAIR TEL CO	5,178	1,736	880	46,077	15,339	11,500	72,916
371526	* CAMBRIDGE TEL CO -NE	0	211	86	7,830	2,138	1,454	11,422
371531	* CLARKS TEL CO	0	139	57	5,178	1,414	962	7,554
371534	88 COZAD TEL CO	2,548	661	252	16,047	6,411	3,922	26,380
371536	88 CURTIS TEL CO	731	185	54	5,006	2,108	1,028	8,143
371537	88 DALTON TEL CO, INC	1,254	392	147	7,747	4,073	2,588	14,408
371540	88 DILLER TEL CO	889	302	69	5,023	2,526	1,007	8,556
371542	88 EASTERN NEBRASKA TEL	2,358	782	341	16,633	6,876	4,264	27,773
371577	88 GREAT PLAINS COMMUN	24,746	6,954	2,490	167,954	67,821	41,012	276,786
371557	88 HARTMAN TEL EXCH INC	437	92	83	2,541	1,045	1,220	4,807
371558	88 HEMINGFORD COOP TEL	834	113	76	9,186	1,346	1,444	11,976
371567	88 KEYSTONE-ARTHUR TEL	554	116	38	996	946	658	2,599
371574	88 NEBRASKA CENTRAL TEL	5,796	879	348	22,986	9,022	7,412	39,420
371580	88 PETERSBURG TEL CO	446	160	18	2,520	1,573	348	4,441
371586	88 ROCK COUNTY TEL CO	980	259	91	7,996	3,288	1,764	13,048
371591	88 SE NEBRASKA TEL CO	3,828	452	548	33,558	5,099	8,191	46,848
371592	88 STANTON TEL CO, INC	1,004	331	610	7,335	2,876	2,129	12,341
371525	88 THREE RIVER TELCO	1,207	305	118	7,327	3,108	1,873	12,308
371597	88 WAUNETA TEL CO	621	184	68	4,386	1,553	1,109	7,047
552284	88 BEEHIVE TEL CO - NV	31	40	32	419	107	264	789
552304	88 C P NATIONAL-NV	10,781	2,676	4,189	82,610	26,494	48,112	157,217
552349	88 CHURCHILL COUNTY TEL	7,993	1,362	1,667	66,937	11,328	26,006	104,271
552302	88 CONTEL OF CALIF-NV	17,576	3,411	4,771	107,008	37,095	75,859	219,962
552223	88 GEM STATE UTIL-NV	333	60	89	1,637	622	1,019	3,278
552351	88 LINCOLN CTY TEL SYS	1,501	403	234	7,591	4,268	3,659	15,518
552353	88 MOAPA VALLEY TEL CO.	2,038	413	360	15,315	5,118	5,632	26,065
552354	88 NEVADA TEL-TELEGRAPH	2,475	640	701	13,827	5,491	8,858	28,177
552356	88 RIO VIRGIN TEL CO	1,056	186	579	6,687	1,410	5,262	13,359
552233	88 RURAL TEL CO - NV	349	141	95	731	1,202	1,416	3,349
120038	88 BRETTON WOODS TEL CO	300	75	84	392	570	685	1,647
120040	* CHICHESTER TEL CO	1,090	304	124	11,285	3,082	2,096	16,463
120041	88 CONTEL OF NH	9,161	2,642	2,051	54,104	20,894	28,123	103,121
120039	88 GRANITE STATE TEL	6,653	1,712	1,204	35,042	16,364	17,584	68,990
120045	88 KEARSARGE TEL CO	5,153	2,054	1,134	21,765	17,388	15,135	54,287
120046	88 MERIDEN TEL CO	415	108	136	1,719	966	1,872	4,557
120047	88 MERRIMAK COUNTY TEL	5,805	1,823	964	48,078	21,036	17,463	86,577
120049	88 UNION TEL CO	5,187	1,312	684	17,920	11,441	11,633	40,994
120050	88 WILTON TEL CO - NH	2,177	705	1,083	16,332	5,337	10,303	31,972
160135	88 WARWICK VALLEY-NJ	6,785	3,925	981	34,215	46,587	17,925	98,727
492259	88 BACA VALLEY TEL CO	556	135	79	3,342	1,425	1,270	6,038
492177	88 CONTEL OF WEST - NM	26,482	6,541	3,023	161,383	63,843	50,576	275,802
492066	88 DELL TEL CO-OP - NM	250	39	34	1,370	451	550	2,372
492262	88 ENMR TEL COOP INC-NM	8,981	1,473	1,100	65,093	15,360	16,143	96,596
492263	88 LA JICARITA RURAL	1,391	315	86	16,586	3,281	1,797	21,664
492264	88 LEACO RURAL TEL COOP	756	329	171	4,740	2,653	2,227	9,620
492275	88 NAVAJO COMMUN - NM	3,025	1,153	774	13,684	8,655	9,246	31,585
492270	88 PENASCO VALLEY TEL	1,949	555	209	9,679	5,462	4,031	19,172
492272	88 ROOSEVELT CNTY RURAL	1,413	326	176	13,744	3,732	3,226	20,701
492274	88 UNIVERSAL TEL OF SW	3,354	983	343	19,214	8,687	6,390	34,292
492176	88 VALLEY TEL COOP - NM	1,132	242	234	7,153	2,293	3,797	13,243

TABLE 4.22 B

1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
492268	88	WESTERN NEW MEXICO	3,998	1,067	680	25,447	10,435	8,682	44,564
150106	88	ALLTEL NY-FULTON	37,693	6,040	3,159	523,568	72,821	59,044	655,433
150109	88	ALLTEL NY-JAMESTOWN	38,955	6,445	6,563	455,918	70,022	92,890	618,831
150113	88	ALLTEL NY-RED JACKET	2,380	806	150	19,020	8,042	2,259	29,321
150072	88	AU SABLE VALLEY TEL	5,410	1,821	461	27,132	17,433	8,457	53,022
150077	88	CHAMPLAIN TEL CO	4,319	1,334	1,243	31,371	9,672	10,498	51,542
150078	88	CHAUTAUQUA & ERIE	8,656	2,086	1,377	68,995	21,612	18,435	109,043
150081	88	CITIZENS HAMMOND NY	780	356	54	4,357	3,609	805	8,771
150082	88	CLYMER TEL CO	750	225	239	6,273	2,250	2,819	11,342
150085	88	CROWN POINT TEL CORP	648	251	71	5,704	2,545	1,040	9,288
150091	88	DUNKIRK & FREDONIA	8,297	1,364	598	82,572	21,102	9,816	113,490
150092	88	EDWARDS TEL CO	1,538	703	73	9,373	6,799	1,580	17,752
150093	88	EMPIRE TEL CORP	5,907	2,270	559	26,928	20,978	9,063	56,969
150097	88	GERMANTOWN TEL CO	1,806	827	183	11,538	8,558	3,046	23,142
150099	88	HANCOCK TEL CO	1,275	415	213	7,981	3,756	2,669	14,406
150100	88	HIGHLAND TEL CO	47,387	22,398	10,063	472,242	241,814	168,590	882,646
150105	88	MIDDLEBURGH TEL CO	4,307	1,672	312	25,808	18,456	6,023	50,287
150108	88	NICHOLVILLE TEL CO	1,385	548	101	11,699	5,094	2,016	18,809
150110	88	OGDEN TEL CO	16,899	1,812	1,084	230,220	24,659	23,390	278,270
150116	*	PATTERSONVILLE TEL	1,080	264	108	9,818	2,681	1,824	14,323
150119	88	RED HOOK TEL CO	11,407	3,467	1,119	98,653	48,772	25,119	172,543
150122	88	SENECA-GORHAM TEL	7,431	3,367	487	42,915	33,894	10,132	86,941
150128	88	SYLVAN LAKE TEL CO	13,117	3,561	1,849	182,619	65,409	40,775	288,803
150084	88	TACONIC TEL CORP	17,739	4,953	3,009	130,028	56,834	38,335	225,197
150133	88	VERNON TEL CO	2,136	597	151	16,747	6,813	3,000	26,559
150135	88	WARWICK VALLEY-NY	10,472	4,410	2,404	71,058	44,203	30,491	145,752
150136	88	WESTERN COUNTIES TEL	18,321	6,318	2,149	143,004	68,173	37,950	249,127
230476	88	ALLTEL CAROLINA-NO	89,562	17,648	10,893	1,140,447	194,527	180,382	1,515,356
230468	88	ATLANTIC MEMBERSHIP	18,605	2,920	1,840	157,582	30,808	25,288	213,678
230469	88	BARNARDSVILLE TEL CO	840	118	54	11,055	1,342	1,253	13,651
230473	88	CITIZENS TEL CO	13,200	1,953	1,493	144,870	19,178	28,608	192,656
230474	88	CONCORD TEL CO	72,465	13,714	5,340	870,839	123,958	92,893	1,087,690
230509	88	CONTEL OF NC	78,589	14,116	10,751	981,618	152,323	174,547	1,308,488
230481	88	HEINS TEL CO	22,635	4,417	2,591	300,551	52,125	46,798	399,473
230502	88	STAR MEMBERSHIP CORP	11,795	3,084	561	148,616	32,710	13,640	194,967
230510	88	WILKES MEMBERSHIP	7,224	865	260	112,683	9,981	5,325	127,990
381607	88	CONSOLIDATED COOP	4,055	743	348	37,900	7,550	5,894	51,344
381447	88	CONTEL OF N. DAKOTA	9,725	1,747	681	95,064	21,831	14,627	131,522
381616	88	INTER-COMMUNITY TEL	1,226	431	94	9,447	4,117	1,799	15,363
381617	88	MIDSTATE TEL CO	1,366	366	165	8,727	3,796	2,771	15,295
381630	88	POLAR COMM MUT AID	8,167	1,763	810	82,973	18,428	14,541	115,942
381632	88	RESERVATION TEL COOP	4,194	1,184	384	36,766	11,043	7,192	55,001
381634	88	SOURIS RIVER TEL MUT	11,481	2,459	1,311	96,284	26,227	30,086	152,597
381637	88	W. RIVER MUTUAL AID	8,661	2,015	832	82,577	19,361	15,228	117,167
300665	88	ALLTEL OHIO-WEST OH	16,955	5,482	1,436	144,996	55,981	27,646	228,623
300682	88	C, C & S TELCO -OHIO	465	126	63	2,413	1,290	936	4,639
300597	88	CHILLICOTHE TEL	25,017	5,536	2,131	366,406	58,774	29,491	454,672
300607	88	CONTEL OF OHIO	2,003	525	126	19,415	4,982	2,077	26,473
300620	88	HARLAN TEL CO	687	227	53	7,210	2,263	1,195	10,667
300613	88	LITTLE MIAMI COMM.	1,182	353	70	11,176	3,103	1,619	15,898
431965	88	ALLTEL OKLAHOMA INC	10,618	4,858	956	76,187	47,475	18,980	142,642
431966	88	ATLAS TEL CO	1,409	529	305	7,935	5,362	3,703	17,001
431974	88	CANADIAN VALLEY TEL	811	265	40	2,811	2,694	1,020	6,525
431976	88	CARNEGIE TEL CO INC	1,530	494	93	11,170	4,921	2,052	18,144
431979	88	CHEROKEE TEL CO	4,144	1,114	828	30,048	10,647	11,685	52,381
431980	88	CHICKASAW TEL CO	6,924	2,962	431	47,130	29,719	9,576	86,426
431981	88	CHOUTEAU TEL CO	2,696	881	238	16,618	8,774	3,396	28,788
431985	88	CROSS TEL CO	7,225	2,530	545	51,311	25,012	10,329	86,652
431988	88	DOBSON TEL CO	4,098	1,334	383	34,367	12,731	6,445	53,543
431994	88	GRAND TEL CO INC	2,163	818	252	13,830	7,514	4,065	25,409
431995	88	HINTON TEL CO	3,139	1,162	203	23,519	10,662	3,742	37,923
431788	88	KANOKLA TEL ASSN-OK	1,254	389	161	6,325	3,782	2,560	12,666
432006	88	M-CLOUD TEL CO	5,764	1,759	371	69,918	16,226	10,092	96,236
432010	88	MID-AMERICA TEL INC	1,388	609	83	7,656	6,111	1,648	15,415
432011	88	OKLAHOMA ALLTEL, INC	9,891	3,412	1,857	100,967	34,550	23,567	159,083
431984	88	OKLAHOMA COMM SYSTEM	12,479	4,793	868	110,137	47,011	20,787	177,935
432013	88	OKLAHOMA TEL & TEL	1,735	713	142	10,644	6,460	2,140	19,244

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FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
432014	88	OKLAHOMA WESTERN TEL	2,475	802	183	13,618	8,517	3,963	26,098
432016	88	PANHANDLE TEL COOP	4,213	1,305	1,157	21,894	14,532	14,271	50,697
432018	88	PIONEER TEL COOP INC	34,812	13,279	2,561	289,122	123,316	43,090	455,528
432020	88	POTTAWATOMIE TEL CO	1,724	626	85	10,148	6,875	2,220	19,243
431831	88	S. CENTRAL TEL - OK	396	114	56	1,273	1,120	919	3,312
432030	88	TOTAH TELEPHONE CO	1,660	825	176	6,839	8,592	3,158	18,590
432032	88	VALLIANT TEL CO	1,734	548	207	18,527	5,216	3,140	26,884
432034	88	WYANDOTTE TEL CO	359	135	84	1,712	1,313	1,143	4,168
532404	88	ASOTIN TEL - OR	88	20	15	279	262	221	762
532359	88	BEAVER CREEK COOP	3,118	862	221	39,396	10,052	4,423	53,871
532304	88	C P NATIONAL CORP-OR	9,364	4,014	1,003	51,982	33,980	17,854	103,817
532362	88	CANBY TEL ASSN	7,218	3,277	722	61,000	29,485	10,180	100,665
532371	88	CASCADE UTIL INC	6,956	2,073	666	64,579	20,067	11,113	95,755
532363	88	CLEAR CREEK MUTUAL	2,700	706	234	33,872	7,378	4,392	45,642
532364	88	COLTON TEL CO	951	386	86	7,043	4,034	1,659	12,736
532449	88	CONTEL OF THE NW- OR	20,968	7,358	1,950	168,648	77,373	36,882	282,902
532376	88	HELIX TEL CO.	235	90	22	440	892	319	1,651
532377	88	HOME TELEPHONE CO	535	145	36	2,306	1,721	597	4,624
532456	88	MALHEUR HOME TEL CO	10,011	968	2,592	108,628	13,777	34,830	157,235
532226	88	MIDVALE TEL EXCH -OR	171	48	22	781	450	334	1,566
532383	88	MOLALLA TEL CO.	4,257	1,890	339	37,248	16,935	5,422	59,605
532385	88	MONROE TELEPHONE CO.	671	323	46	2,951	3,037	900	6,887
532387	88	NEHALEM TEL & TEL	1,833	516	124	5,655	4,882	1,982	12,519
532388	88	NORTH STATE TEL CO.	375	154	38	1,542	1,489	714	3,744
532389	88	OREGON TEL CORP	1,285	594	147	6,485	5,921	2,598	15,004
532392	88	PINE TEL SYSTEM INC.	636	131	75	3,283	1,468	1,411	6,162
532393	88	PIONEER TEL COOP	9,955	2,665	759	59,302	26,924	15,124	101,350
532375	88	RTI/HALSEY TEL CO	566	559	194	1,898	4,676	2,821	9,395
532397	88	SCIO MUTUAL TEL ASSN	1,298	552	107	8,376	5,382	2,086	15,843
532361	88	TEL UTIL OF OREGON	34,788	13,648	4,782	215,164	137,534	79,203	431,902
532378	88	TRANS-CASCADES TEL	88	30	8	420	420	163	1,003
170170	88	CONTEL OF PA	47,577	12,161	4,976	464,066	142,882	85,617	692,565
170177	88	LACKAWAXEN TEL CO	2,375	554	385	6,374	4,333	5,669	16,376
170183	88	MAHANAY & MAHANTONGO	3,456	929	119	21,927	9,964	2,116	34,008
170192	88	NORTH PENN TEL CO	3,919	845	769	24,432	8,346	9,214	41,993
170194	88	OSWAYO RIVER TEL CO	1,600	284	335	11,501	2,971	4,600	19,072
170201	88	QUAKER STATE TEL CO	30,580	6,225	4,799	226,676	63,106	62,607	352,389
170206	88	SUGAR VALLEY TEL CO	853	262	125	5,216	2,557	1,359	9,132
633200	88	PUERTO RICO COMM	97,930	28,376	3,636	1,154,159	288,813	87,469	1,530,440
240512	88	BLUFFTON TEL. CO.	2,553	850	589	9,648	7,548	7,091	24,287
240526	88	CONTEL OF SC	13,458	2,620	2,141	181,710	24,335	32,297	238,342
240520	88	FARMERS TEL COOP	36,345	7,046	4,173	548,781	70,892	79,555	699,228
240523	88	HARGRAY TEL CO	30,116	3,113	10,001	215,296	34,587	123,192	373,075
240528	88	HORRY TEL COOP	39,157	9,035	7,228	453,263	85,687	123,140	662,090
240533	88	MCCLELLANVILLE TEL	1,126	454	97	9,204	4,209	2,153	15,566
240539	88	POND BRANCH TEL CO	7,303	2,283	479	77,611	19,406	9,679	106,696
240551	88	WILLISTON TEL CO	3,437	951	298	38,256	9,714	4,987	52,957
391647	88	CHEYENNE RIVER SIOUX	1,813	448	166	20,548	4,052	3,376	27,976
391643	88	CONTEL OF S. DAKOTA	7,709	1,778	974	58,129	19,369	17,643	95,141
391659	88	GOLDEN WEST TELECOMM	11,699	2,735	1,616	94,744	25,818	28,041	148,603
391666	88	JEFFERSON TEL CO -SD	466	84	164	2,189	596	1,798	4,583
391667	88	KADOKA TELEPHONE CO	513	126	102	2,532	992	1,020	4,544
391668	88	KENNEBEC TEL CO	265	94	30	1,264	902	426	2,592
391689	88	WEST RIVER COOP	1,506	283	215	14,973	3,206	3,402	21,581
290552	88	ADAMSVILLE TEL CO	5,585	655	574	82,427	7,731	9,113	99,271
290571	88	HILLINGTON TEL CO	16,769	1,531	2,798	269,080	19,785	51,571	340,436
290575	88	TENNESSEE TEL CO	34,802	5,155	4,453	544,056	54,990	65,992	665,038
290579	88	TWIN LAKES TEL COOP	23,423	3,671	1,603	279,307	37,347	30,594	347,247
442121	88	ALLTEL TEXAS INC	2,627	718	151	20,065	8,310	3,022	31,398
442039	88	BIG BEND TEL CO INC	2,651	884	269	12,887	9,256	3,906	26,049
442040	88	BRAZORIA TEL CO	5,255	1,384	190	53,558	16,607	4,633	74,797
442041	88	BRAZOS TEL COOP INC	1,133	553	39	1,423	5,172	852	7,447
440425	88	CAMERON TEL CO TEXAS	984	358	70	4,013	3,413	1,012	8,437
442046	88	CAP ROCK TEL CO INC	2,217	957	85	13,156	9,881	1,537	24,574
442052	88	CENTRAL TEXAS CO-OP	3,516	863	100	22,342	10,646	2,046	35,034
442059	88	COLORADO VALLEY TEL	4,841	1,322	162	27,940	15,641	3,677	47,258
442066	88	DELL TEL. CO-OP - TX	456	129	82	3,240	1,353	1,208	5,801

TABLE 4.22 B

 1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
442262	88	E N M R TEL COOP-TX	749	129	60	6,177	1,386	829	8,392
442068	88	EASTEX TEL COOP INC	20,161	6,626	1,647	178,243	77,330	28,864	284,438
442070	88	ETEX TEL COOP INC	9,061	3,478	455	76,153	40,373	12,083	128,610
442071	88	FIVE AREA TEL CO-OP	1,498	466	132	12,148	5,532	2,411	20,091
442072	88	FORT BEND TEL CO	17,142	3,592	1,526	216,712	40,911	28,017	285,640
442076	88	GANADO TELEPHONE CO	1,275	489	39	7,375	5,098	934	13,407
442083	88	GUADALUPE VALLEY TEL	15,208	6,983	859	70,402	73,019	21,872	165,293
442086	88	HILL COUNTRY CO-OP	9,034	3,055	492	57,572	38,270	12,709	108,551
442093	88	INDUSTRY TEL CO	1,541	540	42	6,427	5,618	935	12,980
442097	88	KERRVILLE TEL CO	14,352	3,306	938	114,642	43,594	18,477	176,713
442103	88	LA WARD TEL EXCHANGE	871	359	22	2,532	3,886	688	7,106
442101	88	LAKE DALLAS TEL CO	4,185	2,952	476	13,540	25,277	7,628	46,446
442104	88	LAKE LIVINGSTON TEL	944	198	31	2,184	2,211	684	5,080
442109	88	LUFKIN-CONROE TEL EX	59,737	19,415	5,219	690,370	224,966	102,081	1,017,416
442112	88	MID-PLAINS RURAL TEL	2,026	880	107	13,193	9,698	2,052	24,943
442116	88	MUENSTER TEL CORP-TX	2,539	1,032	155	13,801	10,196	2,239	26,237
442117	88	MUSTANG TEL CO	2,340	1,006	330	5,909	8,180	3,616	17,705
442129	88	PEEPLS TELEPHONE CO	879	441	47	3,910	3,967	828	8,705
442130	88	PEOPLES TEL COOP -TX	6,821	2,297	275	44,906	24,149	5,474	74,529
442131	88	POKA-LAMBRO TEL COOP	3,237	1,286	127	22,271	12,812	2,361	37,444
442134	88	RIVIERA TEL CO INC	819	394	38	3,677	3,512	1,000	8,188
442136	88	ROMAIN TELEPHONE CO	838	266	108	6,041	3,110	1,610	10,762
442135	88	SOUTHWEST TEXAS TEL	2,480	1,142	153	16,024	14,130	3,676	33,830
442147	88	SUGAR LAND TEL CO	27,345	3,878	3,604	459,948	44,169	61,660	565,777
442148	88	SWEENEY-OLD OCEAN	4,823	1,242	145	17,958	13,570	2,807	34,335
442151	88	TAYLOR TEL CO-OP INC	5,218	1,589	153	38,636	19,676	6,919	65,231
442153	88	TEXAS-MIDLAND TEL	9,425	4,179	512	50,317	44,864	11,881	107,062
442155	88	TRI - COUNTY TEL - TX	772	316	29	5,521	3,006	669	9,197
442156	88	TRINITY VALLEY TEL	5,090	1,963	340	45,125	18,639	5,871	69,635
442159	88	VALLEY TEL CO-OP -TX	4,363	2,574	202	31,620	25,244	4,864	61,728
442163	88	WATERWOOD COMM INC	380	130	22	345	1,495	503	2,344
442168	88	WES - TEX TEL CO-OP	3,044	1,017	113	23,912	11,885	2,735	38,531
442166	88	WEST TEXAS RURAL TEL	1,749	714	209	15,001	7,399	3,152	25,551
442170	88	XIT RURAL TEL CO-OP	1,015	307	196	3,843	3,966	3,635	11,443
502284	88	BEEHIVE TEL CO - UT	489	131	48	8,621	1,254	688	10,564
502277	88	CENTRAL UTAH TEL INC	735	198	44	7,079	2,152	882	10,112
502177	88	CONTEL THE WEST - UT	13,799	3,053	2,281	130,762	30,672	33,175	194,608
502278	88	EMERY COUNTY FARMERS	2,413	686	203	28,271	7,086	3,238	38,595
502280	88	KAMAS-WOODLAND TEL	1,550	497	87	7,595	4,802	1,801	14,198
502275	88	NAVAJO COMMUN - UT	297	61	150	821	571	1,431	2,823
502286	88	SOUTH CENTRAL UTAH	2,701	487	296	18,905	4,714	4,332	27,952
502287	88	UINTAH BASIN TEL	2,166	591	171	17,580	6,498	3,759	27,837
502288	88	UT-WY TELECOM	429	83	78	3,581	934	871	5,386
140070	88	CONTEL OF VERMONT	31,928	8,079	6,208	186,531	69,623	81,163	337,318
140058	88	LUDLOW TEL CO	3,648	811	673	11,835	6,400	7,796	26,031
140061	88	NORTHFIELD TEL CO	2,525	733	526	14,502	6,750	8,957	30,210
140062	88	PERKINSVILLE TEL CO	734	297	153	2,101	2,698	1,853	6,652
140068	88	TOPSHAM TEL CO	1,008	205	144	7,715	1,976	2,164	11,856
140069	88	WAITSFIELD/FAYSTON	4,285	847	899	16,249	7,327	13,585	37,161
643300	88	VIRGIN ISLANDS TEL	44,087	0	12,288	902,981	0	173,158	1,076,139
190217	88	AMELIA TEL CORP	2,986	1,049	251	28,492	11,140	4,788	44,420
190249	88	ROANOKE & BOTETOURT	6,152	1,384	1,012	77,124	18,594	11,063	106,782
522404	88	ASOTIN TEL - WA	813	84	87	8,629	1,252	1,500	11,380
522449	88	CONTEL OF THE NW-WA	47,509	16,612	5,401	393,547	152,409	82,942	628,898
522410	88	COWICHE TELEPHONE CO	1,422	656	101	6,814	5,900	1,645	14,359
522412	88	ELLENSBURG TEL CO	14,043	2,979	1,901	115,983	35,842	27,215	179,040
522417	88	HAT ISLAND TEL CO	51	9	1	0	94	13	106
522419	88	HOOD CANAL TEL CO	709	280	66	1,501	2,621	941	5,063
522423	88	INLAND TEL CO -WA	1,440	350	155	8,772	3,836	2,405	15,012
522426	88	KALAMA TEL CO	1,546	751	269	8,474	6,249	2,924	17,646
522427	88	LEWIS RIVER TEL CO	2,298	1,074	460	11,053	9,931	6,503	27,488
522431	88	MASHELL TEL CO INC	1,830	909	141	7,687	8,857	2,574	19,117
522436	88	PENINSULA TELECOMM	4,124	1,352	494	30,034	15,717	10,229	55,980
522437	88	PIONEER TEL CO	727	226	65	3,983	2,318	960	7,261
522442	88	ST JOHN TEL CO	537	203	51	2,135	2,273	703	5,111
522408	88	TEL UTIL OF WA INC	73,305	30,119	9,914	520,588	299,583	166,460	986,631
522446	88	TENINO TELEPHONE CO	2,054	1,091	204	11,238	9,727	4,037	25,002

TABLE 4.22 B

1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
522447	88	TOLEDO TELEPHONE CO	1,323	545	167	8,124	4,704	2,640	15,469
522451	88	WESTERN WAKIAKUM	774	217	109	5,784	2,568	1,476	9,828
522452	88	WHIDBEY TEL CO.	6,905	1,924	887	31,169	20,110	10,184	61,463
522453	88	YELM TELEPHONE CO	4,968	2,219	500	38,357	20,724	9,687	68,768
200278	88	CONTEL OF WV	23,677	5,775	3,342	303,190	58,795	49,875	411,860
200259	88	HARDY TEL CO	1,879	145	238	22,928	1,451	3,450	27,829
200270	88	MOUNTAIN STATE TEL	15,303	4,031	2,037	235,200	41,202	34,089	310,490
330844	88	BADGER TELECOM, INC.	3,742	916	237	33,620	7,978	3,327	44,925
330851	88	BONDUEL TEL CO	1,369	389	77	11,755	3,610	1,140	16,506
330856	88	BURLINGTON B&W	2,700	927	414	16,116	8,968	6,590	31,673
330841	88	CENCOM OF WISCONSIN	21,879	4,430	1,502	146,751	44,736	20,790	212,277
330859	88	CENTRAL STATE TEL CO	6,984	1,989	431	51,279	19,994	10,211	81,483
330895	88	CENTURY OF WISCONSIN	41,737	4,978	6,141	485,966	64,869	105,552	656,387
330860	88	CHEQUAMEGON TEL COOP	5,623	1,091	549	23,403	9,994	8,616	42,013
330870	88	CRANDON TEL CO	2,279	461	102	15,052	4,985	2,126	22,163
330876	88	DODGE COUNTY TEL CO	882	239	32	7,440	2,396	699	10,535
330914	88	EASTCOAST TELECOM	2,746	711	188	29,273	7,622	3,896	40,791
330882	88	FENNIMORE TEL CO	1,533	469	133	12,273	5,016	1,886	19,175
330888	88	GREENWOOD TEL CO	1,295	256	68	9,667	2,664	1,158	13,489
330891	88	HEADWATERS TEL CO	3,528	628	189	13,488	6,496	4,266	24,250
330936	88	INDIANHEAD TEL CO	1,614	450	119	7,666	4,134	2,139	13,939
330898	88	LARSEN-READFIELD TEL	1,917	635	90	11,806	6,603	1,512	19,921
330908	88	MARQUETTE-ADAMS COOP	2,528	700	333	10,206	5,707	6,563	22,477
330909	88	MIDWAY TEL CO	6,120	1,573	689	56,645	17,003	11,144	84,792
330913	88	MONROE COUNTY TEL CO	8,588	1,859	1,000	71,945	18,995	18,280	109,220
330916	88	MOUNT MOREB TEL CO	2,871	458	194	28,099	5,036	3,692	36,826
330917	88	MT VERNON TEL CO	5,367	1,047	472	53,170	11,227	7,982	72,379
330922	88	NORTH-WEST TEL CO	53,065	13,362	4,928	475,397	140,859	85,674	701,931
330931	88	PEOPLES TEL CO	5,513	1,538	371	39,123	14,719	6,131	59,973
330934	88	PLATTEVILLE TEL CO	7,306	1,291	754	51,317	17,556	12,516	81,389
330937	88	PRICE COUNTY TEL CO	3,376	745	349	3,641	7,548	5,654	16,842
330940	88	RHINELANDER TEL CO	8,944	2,175	885	89,089	25,481	16,961	131,531
330945	88	SCANDINAVIA TEL CO	1,860	595	180	13,234	6,256	2,770	22,261
330950	88	SOLOM SPRINGS TEL CO	13,864	2,589	1,828	81,889	25,705	26,256	133,850
330952	88	SOUTHERN TEL OF WISCONSIN	5,616	1,675	435	48,140	17,654	8,258	74,052
330954	88	STOCKBRIDGE & SHERWD	2,262	672	102	15,937	6,269	1,905	24,110
330956	88	UNIVERSAL OF N WISC	10,039	2,378	801	60,811	24,135	14,712	99,759
330964	88	URBAN TEL CORP	16,115	3,941	987	135,709	46,716	15,999	198,424
330963	88	UTELCO, INC	12,316	2,283	1,149	95,327	23,113	17,386	135,826
330965	88	VALDERS TEL CO	1,816	529	88	15,515	5,087	1,664	22,267
330974	88	WOOD COUNTY TEL CO	20,337	3,451	1,514	191,305	32,992	24,077	248,375
512291	88	DUBOIS TEL EXCHANGE	1,519	284	267	6,600	2,728	4,024	13,351
512294	*	MEDICINE BOW TEL CO	225	87	35	3,218	879	598	4,695
512251	88	RANGE TEL COOP - WY	1,322	298	280	11,759	3,404	3,946	19,109
512295	88	SILVER STAR TEL-WY	1,003	190	227	5,309	1,336	2,842	9,487
512299	88	TEL. UTIL. OF WY.	2,844	566	593	14,791	6,095	10,090	30,975
512297	88	UNION TELEPHONE CO	2,782	550	796	24,826	5,681	10,030	40,536
512290	88	UTAH-WYOMING TELECOM	293	32	71	1,442	307	844	2,593
TOTAL (584 STUDY AREAS)			5,215,761	1,406,726	607,000	49,882,593	14,335,782	10,004,171	74,222,546

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

TABLE 4.22 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
250302	89 ALLTEL ALABAMA	16,930	4,861	1,596	208,971	46,113	26,527	281,611
250284	89 BUTLER TEL CO	3,611	692	681	60,000	7,332	9,720	77,051
250281	89 CONTEL OF THE SOUTH	79,767	19,792	10,163	1,121,899	192,084	126,360	1,440,343
250297	89 GROVE HILL TEL CORP	1,771	686	161	19,122	7,305	2,908	29,335
250298	89 GULF TEL CO - AL	25,100	4,646	5,586	193,838	33,019	54,059	280,916
250300	89 HOPPER TEL. CO INC	2,693	992	150	25,470	9,678	2,865	38,014
250304	89 MILLRY TEL CO	4,894	1,219	682	55,001	11,831	9,327	76,158
250306	89 MONROEVILLE TEL CO	10,406	1,968	1,250	149,601	23,562	26,493	199,656
250314	89 PEOPLES TEL CO	10,486	2,057	1,384	137,075	19,856	18,720	175,652
250316	89 RAGLAND TEL CO	1,014	354	62	9,893	3,496	1,253	14,642
250318	89 SOUTHLAND TEL CO-AL	9,016	2,087	1,091	158,784	23,736	21,524	204,044
613000	89 ANCHORAGE TEL UTIL	121,847	14,148	15,368	1,837,019	165,759	360,892	2,363,669
613001	89 ARCTIC SLOPE TEL	1,371	1,135	679	8,608	13,079	10,338	32,025
613003	89 BRISTOL BAY TEL COOP	1,155	342	235	6,294	3,765	3,458	13,516
613004	89 BUSH-TELL INC.	572	333	35	3,435	2,830	593	6,857
613006	89 COPPER VALLEY TEL	3,490	1,734	1,037	41,356	18,241	18,445	78,042
613007	89 CORDOVA TEL COOP	1,444	421	344	12,607	4,486	6,251	23,344
613008	89 FAIRBANKS MUNICIPAL	24,666	3,227	3,420	353,247	40,627	75,895	469,768
613010	89 GLACIER STATE TEL CO	29,719	6,157	4,612	313,664	63,012	93,937	470,612
613009	89 GTE ALASKA INC.	12,395	3,765	2,138	91,125	38,279	31,208	160,612
613011	89 INTERIOR TEL CO INC	2,541	915	996	12,801	9,281	14,930	37,012
613012	89 JUNEAU & DOUGLAS TEL	15,589	2,193	2,310	172,618	30,888	54,515	258,021
613013	89 KETCHIKAN PUBLIC UT	7,232	994	1,962	77,960	10,834	27,742	116,536
613015	89 MATANUSKA TEL ASSOC	27,701	5,944	3,993	274,744	64,712	88,983	428,439
613016	89 MUKLUK TEL CO INC	671	307	50	2,986	3,000	909	6,896
613018	89 NUSHAGAK TEL COOP	1,405	475	194	12,586	4,947	3,605	21,138
613019	89 OTZ TEL COOPERATIVE	1,865	991	258	13,538	10,433	4,269	28,240
613020	89 SITKA TELEPHONE CO	8,243	2,690	1,870	54,855	26,753	29,263	110,871
613022	89 TEL UTIL OF ALASKA	2,333	237	462	24,799	2,191	12,135	39,126
613023	89 UNITED UTILITIES INC	3,306	1,793	230	22,363	17,329	4,580	44,273
613025	89 YUKON TEL CO INC	316	188	43	1,542	1,892	887	4,322
452171	89 ARIZONA TELEPHONE CO	1,973	673	216	3,636	5,937	3,685	13,258
452172	89 CITIZENS UTILITIES	47,617	4,796	13,364	292,843	42,400	178,989	514,232
452302	89 CONTEL CALIF - AZ	5,290	710	1,589	33,598	11,213	18,421	63,232
452177	89 CONTEL OF WEST-AZ	23,738	5,938	3,350	154,068	62,328	57,804	274,200
452275	89 NAVAJO COMMUN-AZ	8,176	2,986	2,445	47,548	29,459	30,065	107,072
452173	89 PAPAGO TRIBAL UTIL.	1,700	386	64	7,181	3,669	1,479	12,329
452175	89 UNIVERSAL TEL OF SW	1,271	289	117	7,376	2,802	1,857	12,035
452176	89 VALLEY TEL COOP-AZ	1,901	665	379	9,904	7,461	7,073	24,438
401691	89 ALLTEL ARKANSAS INC	59,100	19,306	7,143	631,218	184,833	136,186	952,237
401692	89 ARKANSAS TEL CO	5,772	1,135	622	56,562	8,770	11,014	76,347
401697	89 CENTRAL ARKANSAS TEL	2,141	667	148	21,331	6,206	3,123	30,660
401705	89 CENTURY OF ARKANSAS	11,444	2,494	1,525	108,263	24,225	28,016	160,505
401698	89 CLEVELAND COUNTY TEL	2,383	847	138	18,891	8,274	3,074	30,239
401730	89 CONTEL OF ARKANSAS	64,842	21,445	8,345	745,969	208,017	151,835	1,105,821
401699	89 DECATUR TEL CO INC	929	308	115	4,236	2,925	1,886	9,048
401709	89 MADISON COUNTY TEL	1,988	735	264	20,645	6,157	4,949	31,750
401711	89 MOUNTAIN HOME TEL	14,442	1,906	2,022	85,047	22,425	39,009	146,480
401713	89 NORTH ARKANSAS TEL	3,827	1,255	579	26,022	10,007	11,635	47,664
401717	89 PERCO TELEPHONE CO	2,191	976	199	18,003	7,089	3,734	28,826
401720	89 REDFIELD TEL CO	1,321	618	106	8,149	5,527	2,011	15,687
401702	89 SOUTH ARKANSAS TEL	3,279	944	209	32,264	8,714	4,688	45,666
401726	89 TRI-COUNTY TEL CO-AR	4,656	1,055	379	47,962	9,739	8,980	66,681
401727	89 UNION TEL CO INC	872	240	178	7,330	2,400	2,580	12,310
401729	89 WALNUT HILL TEL CO	4,428	1,077	635	36,246	10,207	8,930	55,384
401733	89 YELCOT TEL CO INC	2,545	643	289	24,971	5,787	5,587	36,345
401734	89 YELL COUNTY TEL CO	4,042	1,220	259	35,629	10,587	5,098	51,314
542304	89 C P NATIONAL CORP-CA	11,508	4,425	1,205	69,809	41,130	14,078	125,017
542301	89 CALAVERAS TEL CO	1,867	1,005	128	6,965	9,592	2,204	18,761
542311	89 CALIF-OREGON TEL CO	2,164	479	657	10,785	5,331	5,955	22,070
542308	89 CITIZENS UTIL OF CA	61,088	20,126	5,612	626,112	224,291	84,730	935,133
542313	89 DUCOR TELEPHONE CO	591	317	21	2,316	3,119	535	5,971
542315	89 EVANS TEL CO.	8,007	5,073	877	52,802	44,198	9,526	106,526
542318	89 FORESTHILL TEL CO.	1,997	885	65	6,954	8,846	1,841	17,641
542321	89 HAPPY VALLEY TEL CO	2,553	623	129	26,633	9,652	2,592	38,877
542322	89 HORNITOS TEL CO	447	266	22	571	2,453	359	3,383
542324	89 KERMAN TELEPHONE CO	4,170	1,187	209	49,073	16,697	3,204	68,974

TABLE 4.22 C

 1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
542346	89	PINNACLES TEL CO	134	256	42	237	2,131	434	2,801
542332	89	PONDEROSA TEL CO	5,823	2,647	322	29,348	25,296	6,520	61,164
542334	89	ROSEVILLE TEL CO	68,769	23,920	6,132	806,906	202,599	78,558	1,088,063
542338	89	SIERRA TELEPHONE CO	12,512	5,073	760	88,391	51,585	13,776	153,753
542339	89	SISKIYOU TEL CO	3,337	1,490	475	16,867	16,412	5,773	39,051
542342	89	TUOLUMNE TEL CO	4,350	2,193	206	20,904	20,515	4,202	45,621
542343	89	VOLCANO TEL CO	7,742	2,797	404	32,855	30,733	7,628	71,215
542323	89	WINTERHAVEN TEL. CO.	1,275	163	762	3,829	1,491	5,054	10,374
462192	89	BIG SANDY TELCOMM	653	241	40	3,539	2,415	1,188	7,141
462181	89	BIJOU TEL COOP ASSOC	958	405	88	4,580	3,798	1,884	10,262
462182	89	BLANCA TEL CO	519	169	100	1,088	758	637	2,483
462204	89	COLUMBINE TEL CO	654	206	89	1,912	1,546	1,272	4,730
462184	89	DELTA COUNTY TEL CO	6,025	822	591	56,451	10,262	13,926	80,639
462185	89	EAGLE TELECOMMUN INC	5,758	2,271	1,172	28,757	15,314	17,423	61,495
462186	89	EASTERN SLOPE RURAL	3,828	1,434	391	19,643	13,724	8,227	41,593
462187	89	EL PASO COUNTY TEL	1,917	889	190	12,406	9,050	4,610	26,066
462188	89	FARMERS TEL CO - CO	292	131	40	1,304	1,005	518	2,827
462190	89	HAXTUN TEL CO	1,236	422	118	6,465	4,508	2,283	13,255
462193	89	NUCLA-NATURITA TEL	1,055	228	99	6,007	2,377	1,995	10,378
462194	89	NUNN TEL CO	270	102	34	711	840	565	2,116
462196	89	PEETZ COOP TEL CO	184	51	34	1,363	633	571	2,567
462199	89	PLAINS COOP TEL ASSN	1,353	526	159	8,499	5,221	2,735	16,455
462203	89	RYE TELEPHONE CO	1,267	420	129	8,107	4,120	2,764	14,991
462207	89	STRASBURG TEL CO	868	363	77	3,749	3,503	1,860	9,112
461835	89	SUNFLOWER TEL - CO	295	112	46	1,320	948	923	3,191
462208	89	UNIVERSAL TEL CO -CO	3,927	619	829	28,675	6,568	14,490	49,734
462209	89	WIGGINS TEL ASSOC	1,103	497	93	5,546	4,655	1,979	12,180
210336	89	ALLTEL FLORIDA INC.	49,044	13,723	6,049	564,669	141,374	95,985	802,029
210291	89	FLORALA TEL CO	3,153	226	130	18,030	3,017	2,231	23,278
210329	89	GULF TEL CO	7,362	1,706	922	90,304	21,819	17,086	129,209
210331	89	INDIANTOWN SYSTEM	2,273	1,143	242	12,431	10,764	4,790	27,985
210335	89	NORTHEAST FLORIDA	5,195	1,821	473	53,595	19,232	8,923	81,751
210338	89	QUINCY TEL CO-FL DIV	8,693	2,558	1,168	121,698	27,785	18,845	168,328
210339	89	SAINT JOSEPH TEL & TEL	21,592	5,226	2,560	178,152	51,373	39,518	269,043
210318	89	SOUTHLAND TEL-FL	2,934	372	401	46,974	4,736	6,746	58,455
210330	89	VISTA-UNITED TELCOM	12,257	2,108	3,373	113,535	26,831	62,835	203,202
220344	89	ALMA TEL CO	5,268	1,400	410	61,254	13,374	6,520	81,149
220347	89	BRANTLEY TEL CO	3,187	999	275	33,338	9,116	4,312	46,766
220351	89	CAMDEN TEL & TEL CO	10,942	1,604	3,276	114,409	17,041	44,322	175,771
220355	89	CITIZENS TEL CO - GA	3,796	1,174	285	46,411	10,889	4,678	61,977
220356	89	COASTAL UTILITIES	20,784	5,275	5,112	191,754	56,372	98,501	346,627
220281	89	CONTEL OF SOUTH - GA	60,297	17,019	6,536	676,711	173,142	96,656	946,508
220358	89	DARIEN TEL CO	3,563	1,004	354	33,485	10,186	4,912	48,582
220360	89	ELLIJAY TEL CO	6,767	1,815	588	68,714	16,702	8,599	94,015
220371	+	INTERSTATE TEL CO	9,398	1,233	1,340	151,332	16,536	20,575	188,443
220377	89	PINELAND TEL COOP	8,664	2,238	517	94,921	23,103	10,105	128,129
220379	89	PLANT TEL. CO.	7,301	2,329	604	75,952	21,497	10,316	107,765
220381	89	PUBLIC SERVICE TEL	7,605	2,456	508	91,084	24,577	10,575	126,236
220338	89	QUINCY TEL CO-GA DIV	569	74	149	10,354	980	2,119	13,452
220386	89	STANDARD TEL CO	38,312	12,543	4,893	348,816	126,332	73,954	549,103
220392	89	WAVERLY HALL TEL CO	971	328	81	5,913	3,583	1,467	10,964
220394	89	WILKES TEL & ELC CO	8,898	1,913	948	117,521	22,372	17,414	157,307
472213	89	ALBION TEL CO INC	879	286	143	7,436	2,540	2,092	12,067
472215	89	CAMBRIDGE TEL CO	768	214	94	4,913	2,548	1,804	9,266
472225	89	CENTURY TEL OF IDAHO	2,522	364	588	24,095	4,083	9,491	37,669
472177	89	CONTEL OF WEST-ID	12,996	3,814	1,692	75,370	38,766	30,949	145,085
472218	89	CUSTER TEL COOP	1,417	264	186	10,932	3,033	3,530	17,495
472223	89	GEM STATE UTIL-ID	901	382	145	7,288	3,687	2,500	13,474
472423	89	INLAND TEL-ID	243	84	32	772	804	561	2,137
472226	89	MIDVALE TEL EXCH INC	259	118	34	1,660	1,095	469	3,224
472231	89	PROJECT MUTUAL TEL	6,206	962	849	84,687	9,623	11,665	105,975
472232	89	ROCKLAND TEL CO INC	339	126	40	2,424	1,092	632	4,148
472233	89	RURAL TEL CO - ID	222	68	21	363	721	368	1,452
472295	89	SILVER STAR TEL- ID	295	88	45	1,570	1,003	856	3,429
472234	89	TROY TELEPHONE CO	672	236	108	3,237	2,150	1,687	7,074
341000	89	ALLTEL ILLINOIS INC.	39,245	11,128	5,036	292,600	120,832	86,759	500,190
341036	89	CONTEL OF ILLINOIS	155,341	57,348	19,713	1,184,677	630,175	283,441	2,098,292



TABLE 4.22 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
341004	89	EL PASO TEL CO	1,505	692	184	10,266	6,857	2,445	19,568
341023	89	GRIDLEY TEL CO	1,089	576	125	5,070	5,449	1,378	11,898
341037	89	IL CONSOLIDATED TEL	72,772	26,713	8,927	679,333	254,348	125,798	1,059,479
341038	89	INLAND TEL CO	4,205	2,104	239	19,674	21,484	5,006	46,164
341045	89	LEAF RIVER VLY TEL	531	249	50	2,398	2,367	978	5,743
341055	89	MIDLAND TEL CO	3,898	1,739	254	21,880	18,479	4,119	44,478
341060	89	MOULTRIE INDEPENDENT	652	266	27	4,565	2,569	716	7,850
320753	89	CLAY CTY RURAL COOP	8,167	2,656	681	83,076	27,064	9,426	119,565
320776	89	COMM CORP OF INDIANA	7,578	1,367	1,524	90,341	16,785	20,937	128,063
320779	89	CONTEL OF INDIANA	138,409	32,050	19,534	1,626,936	317,000	229,518	2,173,455
320797	89	NEW PARIS TEL INC	1,555	424	178	14,677	4,728	3,232	22,637
320800	89	NORTHWESTERN INDIANA	8,348	3,192	1,343	69,956	30,337	21,426	121,719
351346	89	ACE TEL ASSN-IA	3,837	949	454	29,287	9,818	6,530	45,635
351105	89	AYRSHIRE FARMERS MUT	355	189	33	1,403	1,470	582	3,455
351110	89	BERNARD TEL CO INC	460	222	38	3,303	2,003	731	6,037
351127	89	CENDEL OF IOWA	46,979	12,349	6,661	393,761	116,814	98,354	608,930
351207	89	CONTEL OF IOWA, INC.	69,988	21,081	8,292	538,472	214,610	128,649	881,730
351888	89	GRAND RIVER MUT-IA	5,631	1,523	1,115	48,472	13,986	11,994	74,452
351229	89	LOST NATION-ELWOOD	608	255	42	3,410	2,148	850	6,408
351316	89	UNITED FARMERS TEL	527	250	490	3,062	1,933	1,831	6,826
351327	89	WEBB-DICKENS TEL	438	236	44	1,501	2,129	829	4,458
411741	89	ASSARIA TEL EXCHANGE	460	281	49	2,322	2,489	1,033	5,844
411746	89	BLUE VALLEY TEL CO	2,686	1,025	220	13,033	9,192	3,295	25,519
411818	89	CRAW-KAN TEL COOP	11,425	4,132	1,259	73,372	37,631	21,368	132,371
411761	89	CUNNINGHAM TEL CO	1,516	487	94	6,971	4,996	2,063	14,031
411764	89	ELKHART TEL CO INC	1,414	257	317	8,211	2,407	4,300	14,919
411781	89	H & B COMMUNICATIONS	936	378	83	4,008	3,110	1,394	8,512
411782	89	HOME TEL CO	1,300	625	93	6,940	5,593	1,721	14,254
411785	89	J. B. N. TEL CO INC	2,421	818	150	11,771	8,714	2,694	23,179
411788	89	KANOKLA TEL ASSN-KS	2,092	607	213	12,010	5,780	3,562	21,352
411801	89	MADISON TEL CO INC	727	206	45	4,441	1,758	992	7,191
411807	89	MOKAN DIAL INC-KS	2,025	886	304	12,725	8,056	4,367	25,149
411808	89	MOUNDRIDGE TEL CO	2,097	801	182	14,216	6,695	3,498	24,408
411814	89	PEOPLES MUTUAL TEL	1,089	317	167	6,133	2,714	1,940	10,786
411817	89	PIONEER TEL ASSN INC	11,009	2,954	1,815	87,807	26,994	28,383	143,184
411826	89	RURAL TEL SERVICE CO	6,513	2,256	432	38,904	22,533	9,151	70,588
411827	89	S & T TEL COOP ASSN	1,595	609	158	7,105	5,899	2,944	15,948
411831	89	SOUTH CENTRAL TEL - KS	1,039	426	77	3,837	3,937	1,455	9,229
411835	89	SUNFLOWER TEL CO	3,842	998	464	29,519	10,073	8,579	48,171
412030	89	TOTAH TELEPHONE CO	1,322	485	162	4,917	4,542	2,818	12,278
411840	89	TWIN VALLEY TEL INC	2,179	765	124	12,733	5,798	2,343	20,874
411841	89	UNITED TEL ASSN	4,781	1,983	501	26,107	17,183	8,551	51,841
411317	*	UTC-E. KANSAS	45,129	340	154	12,794	3,423	2,604	14,130
411957	*	UTC-SE KANSAS	5,181	340	154	12,794	3,423	2,604	14,130
411847	89	WHEAT STATE TEL	1,933	911	168	10,670	8,166	2,998	21,834
411849	89	WILSON TEL CO INC	2,228	711	131	11,490	7,803	3,305	22,598
411852	89	ZENDA TEL COMPANY	220	104	10	873	1,067	205	2,145
260410	89	CONTEL OF KENTUCKY	62,146	13,730	7,733	823,001	139,044	131,572	1,093,616
270431	89	CADDOAN TEL CO	7,869	1,860	1,367	73,750	19,962	24,737	118,449
270425	89	CAMERON TEL CO - LA	5,585	1,872	837	56,336	22,340	18,366	97,042
270423	89	CENTRAL LOUISIANA	13,015	3,757	1,300	152,441	38,832	32,076	223,349
270440	89	CENTURY TEL CO	1,555	690	163	21,868	7,459	4,551	33,878
270436	89	CENTURY TEL NORTH LA	5,313	1,821	655	53,967	18,042	14,182	86,192
270424	89	COASTAL TEL & ELECTR	9,571	3,277	696	96,651	30,640	18,101	145,392
270429	89	EAST ASCENSION TEL	21,388	7,603	2,847	316,241	62,650	40,850	419,741
270430	89	ELIZABETH TEL CO	2,248	484	132	25,601	5,188	3,938	34,727
270434	89	EVANGELINE TEL CO	26,025	7,638	2,134	308,705	74,638	49,987	433,330
270433	89	LAFOURCHE TEL CO	11,349	3,332	1,300	119,469	25,307	11,508	156,284
270442	89	LOUISIANA WESTERN	3,109	1,061	385	32,872	10,899	8,330	52,101
270435	89	NORTHEAST LOUISIANA	790	346	83	10,265	4,015	1,985	16,265
270438	89	RESERVE TEL CO	4,208	1,136	217	17,895	10,293	5,336	33,524
100004	89	CHINA TEL CORP	2,511	1,188	207	9,586	9,454	4,178	23,218
100014	89	CONTEL OF MAINE	38,755	12,868	4,945	223,015	109,955	72,318	405,288
100010	89	HAMPDEN TEL CO	2,261	676	208	22,176	7,052	3,654	32,882
100011	89	HARTLAND & ST ALBANS	2,681	956	218	15,586	8,428	4,056	28,071
100003	89	LINCOLNVILLE TEL CO	1,271	332	135	7,349	2,825	2,880	13,054
100024	89	SOMERSET TEL CO	8,811	2,969	869	40,325	26,711	13,398	80,434

TABLE 4.22 C

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 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
100025	89	STANDISH TEL CO	5,360	2,459	607	22,308	21,187	12,361	55,856
100027	89	UNION RIVER TEL CO	970	246	44	3,259	2,120	1,040	6,419
100029	89	UNITY TEL CO., INC.	3,399	1,421	328	18,975	10,855	5,520	35,350
100031	89	WARREN TEL CO	1,279	787	154	5,074	6,790	2,128	13,993
100034	89	WEST PENOBSCOT TEL	1,773	808	128	8,036	7,122	2,209	17,368
310704	89	ACE TEL OF MICHIGAN	3,613	1,524	131	14,134	13,906	2,391	30,431
310681	89	ALLTEL MICHIGAN INC.	39,297	16,191	4,926	263,866	169,328	72,922	506,117
310679	89	BLOOMINGDALE TEL CO	1,533	855	115	5,702	7,673	2,168	15,543
310682	89	C, C & S TELCO - MI	17,891	5,392	1,513	121,039	56,496	23,127	200,662
310683	89	CARR TEL CO	1,375	370	47	4,040	3,894	1,129	9,062
310671	*	CENTURY TEL MIDWEST	20,630	781	354	29,365	7,857	5,978	36,154
310702	89	CENTURY TEL OF MICHIGAN	41,408	15,797	2,894	233,510	159,945	47,222	440,677
310685	89	CHATHAM TEL CO - MI	2,151	621	142	17,747	6,075	2,723	26,545
310680	89	CHIPPEWA COUNTY TEL	852	325	51	3,336	2,797	1,070	7,203
310713	89	HIAWATHA TEL CO	3,978	1,046	321	22,128	11,350	5,783	39,262
310711	89	MIDWAY TEL CO	773	193	49	2,802	1,808	913	5,523
310714	89	OGDEN TEL CO	406	103	68	3,034	1,155	849	5,037
310717	89	ONTONAGON COUNTY TEL	3,803	686	377	30,214	7,747	6,237	44,197
310721	89	PIGEON TEL CO	2,590	1,288	170	10,470	11,036	2,126	23,632
310728	89	SPRINGPORT TEL CO	1,585	815	62	6,965	7,508	1,201	15,675
310732	+	UPPER PENINSULA TEL	3,737	1,278	363	17,647	12,381	6,125	36,154
310737	89	WINN TEL CO	541	427	36	1,832	3,791	1,323	6,947
310738	89	WOLVERINE TEL CO	7,358	3,232	351	66,424	31,997	6,665	105,086
361346	89	ACE TEL ASSN-MN	9,006	1,843	1,356	67,550	20,475	30,553	118,578
361374	89	ARROWHEAD COMM CORP	613	213	47	2,029	1,905	682	4,615
361350	89	ARVIG TEL CO	9,091	1,515	441	43,621	17,514	13,881	75,015
361370	89	CLARA CITY TEL EXCH	1,512	441	113	8,568	4,240	1,920	14,728
361140	89	CONTEL OF MINNESOTA	95,008	24,589	5,786	761,759	304,176	150,064	1,215,999
361385	89	EAST OTTER TAIL TEL	13,245	2,592	1,094	104,060	44,648	27,397	176,105
361395	89	GARDEN VALLEY TEL CO	12,961	3,788	926	96,386	40,121	16,283	152,789
361410	89	JOHNSON TEL CO	1,398	269	61	5,846	2,620	1,524	9,990
361414	89	LAKEDALE TEL CO	9,562	3,895	530	57,222	38,855	7,817	103,894
361433	89	MID STATE TEL CO	5,576	1,292	343	40,716	13,281	5,253	59,251
361442	89	NEW ULM TELECOM, INC	8,333	2,325	826	72,814	21,188	11,888	105,890
361451	89	PAUL BUNYAN RURAL	5,219	1,131	326	43,632	12,701	7,523	63,856
361483	89	SLEEPY EYE TEL CO	5,248	1,662	345	36,519	16,534	5,617	58,671
361491	89	TWIN VALLEY-ULEN TEL	2,789	729	287	20,644	6,922	4,502	32,069
280453	89	ALLTEL MISSISSIPPI	7,938	1,722	647	140,005	16,602	12,012	168,619
280446	89	BAY SPRINGS TEL CO	8,648	2,094	586	122,634	20,518	11,346	154,498
280452	89	DELTA TEL CO	3,546	674	270	38,477	5,679	5,091	49,247
280454	89	FRANKLIN TEL CO - MS	6,148	1,704	476	66,139	15,325	9,755	91,219
280456	*	GEORGETOWN TEL CO	246	781	354	29,365	7,857	5,978	36,154
280458	89	HOME TEL CO-OLIVE BR	8,152	894	2,476	101,808	11,759	43,315	156,882
280459	89	HUGHES TEL CO	5,228	675	394	84,888	6,278	8,535	99,701
280461	89	SOUTHEAST MS TEL CO	3,568	841	460	36,806	7,386	6,931	51,124
421885	89	ALLTEL MISSOURI	20,795	7,362	1,964	190,972	72,529	43,120	306,621
421865	89	CITIZENS TEL CO - MO	3,230	1,153	262	21,509	11,046	4,207	36,762
421922	89	CONTEL OF MISSOURI	146,262	64,981	17,102	1,199,318	546,010	363,370	2,108,697
421846	89	CONTINENTAL SYS. -MO	37,992	11,539	4,493	327,820	105,888	72,382	506,089
421873	89	EASTERN MISSOURI TEL	2,537	1,038	171	14,752	10,102	3,541	28,395
421882	89	FIDELITY TEL CO	10,210	3,406	793	69,128	33,225	13,089	115,441
421886	+	GOODMAN TEL CO	1,450	537	168	6,540	4,626	2,964	14,130
421888	89	GRAND RIVER MUT-MO	12,566	3,110	1,251	103,663	30,067	18,583	152,313
421929	89	HOLWAY TEL CO	561	196	34	5,206	1,709	539	7,454
421901	89	KINGDOM TELEPHONE CO	2,612	1,327	333	18,806	12,809	5,782	37,398
421908	89	LE-RU TELEPHONE CO	989	297	168	5,274	2,640	2,611	10,526
421904	89	MISSOURI TEL CO	15,733	3,778	1,456	131,046	35,316	26,826	193,188
421807	89	MOKAN DIAL INC-MO	607	286	79	3,435	2,922	1,107	7,464
421931	89	NE MISSOURI RURAL	3,408	927	294	26,194	9,624	6,070	41,888
421934	89	ORCHARD FARM TEL CO	711	541	47	2,008	4,612	983	7,603
421951	89	STOUTLAND TEL CO	914	345	51	6,780	3,102	1,283	11,166
482235	89	BLACKFOOT TEL COOP	4,802	2,084	549	24,280	20,130	10,109	54,519
482241	89	HOT SPRINGS TEL CO	400	125	31	2,335	1,389	704	4,428
482242	89	INTERBEL TEL COOP	938	167	117	7,139	1,812	2,652	11,603
482244	89	LINCOLN TEL CO INC	722	200	70	2,964	2,112	1,176	6,252
482246	89	MID-RIVERS TEL COOP	5,753	1,738	552	47,785	20,212	9,676	77,673
482247	89	NEMONT TEL COOP-MT	2,271	801	279	9,519	8,520	4,964	23,002

TABLE 4.22 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
482248	89 NORTHERN TEL COOP	1,254	586	210	7,424	5,910	3,593	16,927
482249	89 NW TEL SYSTEMS, INC.	29,760	10,003	6,398	271,645	83,118	101,558	456,322
482250	89 PROJECT TEL CO	2,588	886	294	13,228	9,198	6,387	28,813
482251	89 RANGE TEL COOP-MT	2,712	896	425	18,918	9,306	6,471	34,695
482254	89 SOUTHERN MONTANA TEL	658	238	72	2,736	2,558	1,578	6,872
482255	89 THREE-RIVERS TEL COOP	7,898	2,708	917	50,570	26,966	17,525	95,061
482257	89 TRIANGLE TEL COOP	8,161	2,679	723	58,587	30,454	12,762	101,804
482258	89 VALLEY RURAL TEL	754	226	57	3,731	2,445	1,026	7,202
371516	89 ARAPAHOE TEL CO	1,019	277	84	6,071	2,748	1,452	10,272
371517	89 ARLINGTON TEL CO	926	381	108	6,067	3,717	1,508	11,292
372455	89 BENKELMAN TEL CO	1,173	177	136	7,948	1,681	2,024	11,653
371524	89 BLAIR TEL CO	5,320	1,687	981	48,295	15,030	12,550	75,876
371526	89 CAMBRIDGE TEL CO -NE	1,150	286	111	6,833	2,867	1,793	11,493
371531	89 CLARKS TEL CO	956	340	67	5,126	2,905	1,281	9,311
371534	89 COZAD TEL CO	2,638	710	301	15,610	6,990	4,399	26,999
371536	89 CURTIS TEL CO	725	189	56	4,961	2,170	1,091	8,222
371537	89 DALTON TEL CO, INC	1,250	396	156	7,352	3,942	2,622	13,917
371540	89 DILLER TEL CO	873	305	76	4,286	2,598	1,080	7,965
371542	89 EASTERN NEBRASKA TEL	2,376	756	320	15,659	7,040	4,730	27,429
371577	89 GREAT PLAINS COMMUN	24,965	7,105	2,564	168,969	67,306	40,287	276,562
371557	89 HARTMAN TEL EXCH INC	442	96	92	2,342	999	1,283	4,624
371558	89 HEMINGFORD COOP TEL	845	120	82	9,555	1,325	1,668	12,548
371567	89 KEYSTONE-ARTHUR TEL	574	119	40	899	925	770	2,594
371574	89 NEBRASKA CENTRAL TEL	5,924	1,488	407	43,941	16,163	8,953	69,058
371580	89 PETERSBURG TEL CO	422	164	22	2,532	1,481	415	4,429
371586	89 ROCK COUNTY TEL CO	1,002	239	80	8,254	3,243	1,620	13,117
371591	89 SE NEBRASKA TEL CO	3,713	483	646	33,705	5,707	11,912	51,324
371592	89 STANTON TEL CO, INC	1,038	340	702	7,186	3,081	2,385	12,652
371525	89 THREE RIVER TELCO	1,221	301	140	7,229	3,110	2,321	12,660
371597	89 WAUNETA TEL CO	621	182	70	4,212	1,842	1,167	7,221
552284	+ BEEHIVE TEL CO - NV	31	40	32	419	107	264	789
552304	89 C P NATIONAL-NV	12,708	2,326	4,648	99,079	19,291	56,881	175,251
552349	89 CHURCHILL COUNTY TEL	8,471	1,499	1,894	71,220	12,476	29,608	113,305
552302	89 CONTEL OF CALIF-NV	18,664	3,827	5,751	117,397	36,243	96,515	250,155
552223	89 GEM STATE UTIL-NV	332	68	103	2,059	704	1,309	4,072
552351	89 LINCOLN CTY TEL SYS	1,652	439	271	7,634	4,655	4,236	16,525
552353	89 MOAPA VALLEY TEL CO.	2,187	463	398	19,174	4,320	5,717	29,211
552354	89 NEVADA TEL-TELEGRAPH	2,556	610	725	15,640	4,814	10,819	31,273
552356	89 RIO VIRGIN TEL CO	1,199	236	668	6,364	1,770	5,886	14,020
552233	89 RURAL TEL CO - NV	338	212	150	875	1,738	1,998	4,611
120038	89 BRETTON WOODS TEL CO	355	91	116	559	488	907	1,955
120040	89 CHICHESTER TEL CO	1,150	367	136	6,382	3,595	2,004	11,981
120041	89 CONTEL OF NH	9,554	2,847	2,286	53,185	21,984	30,529	105,698
120039	89 GRANITE STATE TEL	6,930	1,896	1,378	36,043	17,781	21,271	75,095
120045	89 KEARSARGE TEL CO	5,408	2,242	1,301	23,115	18,937	17,566	59,617
120046	89 MERIDEN TEL CO	481	119	147	1,700	1,028	1,969	4,698
120047	89 MERRIMAK COUNTY TEL	5,354	1,995	1,111	52,441	22,060	21,289	95,790
120049	89 UNION TEL CO	5,479	1,456	800	23,285	12,613	13,277	49,175
120050	89 WILTON TEL CO - NH	2,283	774	847	14,893	7,067	8,457	30,418
160135	89 WARWICK VALLEY-NJ	7,035	4,316	1,127	36,271	51,178	20,572	108,021
492259	89 BACA VALLEY TEL CO	587	137	90	3,110	1,282	1,455	5,847
492177	89 CONTEL OF WEST - NM	27,535	7,346	3,700	177,584	71,514	61,254	310,353
492066	89 DELL TEL CO-OP - NM	285	47	43	985	609	763	2,357
492262	89 ENMR TEL COOP INC-NM	9,214	1,928	2,769	67,457	19,410	35,197	122,064
492263	89 LA JICARITA RURAL	1,357	340	104	16,801	3,540	2,162	22,503
492264	89 LEACO RURAL TEL COOP	760	320	183	4,591	2,513	2,375	9,479
492275	89 NAVAJO COMMUN - NM	3,155	1,171	805	10,252	9,079	11,227	30,558
492270	89 PENASCO VALLEY TEL	1,967	552	213	10,041	5,324	4,184	19,550
492272	89 ROOSEVELT CNTY RURAL	1,463	317	201	13,477	3,370	3,789	20,637
492274	89 UNIVERSAL TEL OF SW	3,585	1,036	375	20,644	8,943	7,474	37,061
492176	89 VALLEY TEL COOP - NM	1,253	270	273	7,483	2,498	4,462	14,443
492268	89 WESTERN NEW MEXICO	4,159	1,132	939	27,243	10,410	12,176	49,829
150106	89 ALLTEL NY-FULTON	38,406	6,835	4,259	546,559	85,050	80,817	712,426
150109	89 ALLTEL NY-JAMESTOWN	40,313	7,032	7,451	512,249	74,058	104,897	691,204
150113	89 ALLTEL NY-RED JACKET	2,375	881	147	19,963	8,811	2,971	31,745
150072	89 AU SABLE VALLEY TEL	5,511	2,001	535	28,097	19,339	9,839	57,275
150077	89 CHAMPLAIN TEL CO	4,236	1,424	1,485	34,441	9,986	12,021	56,449

TABLE 4.22 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
150078	89 CHAUTAUQUA & ERIE	9,159	2,427	1,761	70,135	25,057	22,766	117,958
150081	89 CITIZENS HAMMOND NY	868	373	68	4,493	3,773	1,007	9,272
150082	89 CLYMER TEL CO	772	250	272	5,987	2,483	3,282	11,752
150085	89 CROWN POINT TEL CORP	692	292	94	5,890	2,964	1,360	10,214
150091	89 DUNKIRK & FREDONIA	8,421	1,469	659	91,503	22,759	10,695	124,957
150092	89 EDWARDS TEL CO	1,632	746	83	9,840	7,242	1,495	18,577
150093	89 EMPIRE TEL CORP	6,175	2,486	674	32,634	23,115	11,163	66,913
150097	89 GERMANTOWN TEL CO	1,938	924	217	10,939	9,295	3,240	23,473
150099	89 HANCOCK TEL CO	1,337	454	234	8,159	4,422	2,843	15,424
150100	89 HIGHLAND TEL CO	47,974	24,145	11,559	504,587	267,352	193,648	965,587
150105	89 MIDDLEBURGH TEL CO	5,061	1,958	319	25,525	21,191	6,697	53,412
150108	89 NICHOLVILLE TEL CO	1,411	481	113	12,407	4,315	2,146	18,869
150110	89 OGDEN TEL CO	17,760	2,065	1,318	241,667	27,806	29,163	298,637
150116	89 PATTERSONVILLE TEL	1,157	378	245	13,585	4,090	3,003	20,678
150119	89 RED HOOK TEL CO	12,028	3,987	1,386	102,378	51,365	27,733	181,476
150122	89 SENECA-GORHAM TEL	8,080	3,532	527	43,302	38,099	13,425	94,826
150128	89 SYLVAN LAKE TEL CO	13,062	4,055	2,135	183,495	74,446	47,607	305,548
150084	89 TACONIC TEL CORP	19,165	5,426	3,374	127,621	59,244	37,885	224,750
150133	89 VERNON TEL CO	2,232	620	199	19,634	7,547	3,963	31,144
150135	89 WARWICK VALLEY-NY	11,011	4,755	2,780	75,831	47,472	34,244	157,547
150136	89 WESTERN COUNTIES TEL	19,875	6,632	2,797	156,793	72,002	45,994	274,789
230476	89 ALLTEL CAROLINA-NO	94,122	18,676	14,460	1,233,055	209,597	221,253	1,663,905
230468	89 ATLANTIC MEMBERSHIP	19,766	3,287	2,173	161,996	34,398	29,202	225,596
230469	89 BARNARDSVILLE TEL CO	946	78	55	13,244	1,114	1,305	15,663
230473	89 CITIZENS TEL CO	13,676	2,210	1,714	152,500	23,621	35,344	211,465
230474	89 CONCORD TEL CO	74,716	15,390	6,088	873,458	143,144	112,736	1,129,338
230509	89 CONTEL OF NC	84,736	15,905	11,905	1,025,307	175,480	192,634	1,393,422
230481	89 HEINS TEL CO	23,492	5,126	3,008	152,552	56,963	39,562	249,076
230502	89 STAR MEMBERSHIP CORP	12,196	3,434	765	147,264	36,262	17,723	201,249
230510	89 WILKES MEMBERSHIP	7,460	942	300	125,682	10,829	6,034	142,544
381607	89 CONSOLIDATED COOP	4,000	782	368	39,583	9,212	7,020	55,816
381447	89 CONTEL OF N. DAKOTA	9,745	1,829	712	92,351	22,328	16,155	130,834
381616	89 INTER-COMMUNITY TEL	1,222	439	99	9,515	4,188	1,916	15,619
381617	89 MIDSTATE TEL CO	1,412	377	183	8,861	3,877	3,259	15,997
381630	89 POLAR COMM MUT AID	8,379	1,846	899	83,906	19,383	16,446	119,735
381632	+ RESERVATION TEL COOP	4,097	1,184	384	36,766	11,043	7,192	55,001
381634	89 SOURIS RIVER TEL MUT	11,436	2,621	1,504	96,352	26,431	34,741	157,523
381637	89 W. RIVER MUTUAL AID	8,716	2,086	883	79,145	20,059	15,626	114,830
300665	89 ALLTEL OHIO-WEST OH	17,413	5,564	1,534	161,876	52,394	30,004	244,274
300682	89 C, C & S TELCO -OHIO	468	126	63	2,326	1,289	939	4,553
300597	89 CHILLICOTHE TEL	26,415	5,990	2,589	412,116	55,670	29,607	497,392
300607	89 CONTEL OF OHIO	2,016	562	147	19,104	4,889	2,526	26,519
300620	89 HARLAN TEL CO	677	257	59	7,831	2,594	1,315	11,740
300613	89 LITTLE MIAMI COMM.	1,914	394	74	11,416	3,494	1,696	16,606
431965	89 ALLTEL OKLAHOMA INC	10,868	4,957	1,033	74,482	49,257	21,548	145,287
431966	89 ATLAS TEL CO	1,465	546	326	8,673	5,171	3,608	17,452
431974	89 CANADIAN VALLEY TEL	867	275	43	2,762	2,842	1,213	6,817
431976	89 CARNEGIE TEL CO INC	1,484	517	96	10,871	4,885	2,066	17,821
431979	89 CHEROKEE TEL CO	4,268	1,182	920	33,331	10,587	12,172	56,090
431980	89 CHICKASAW TEL CO	6,800	2,991	535	43,211	30,473	13,545	87,228
431981	89 CHOUTEAU TEL CO	2,732	984	351	16,746	9,792	4,784	31,323
431985	89 CROSS TEL CO	7,425	2,783	627	51,343	27,716	11,880	90,938
431988	89 DOBSON TEL CO	4,014	1,268	393	33,445	12,213	6,917	52,575
431994	89 GRAND TEL CO INC	2,312	838	264	13,875	7,311	4,153	25,339
431995	89 HINTON TEL CO	3,157	1,200	215	20,789	10,409	3,948	35,146
431788	89 KANOKLA TEL ASSN-OK	1,207	359	160	6,292	3,264	2,463	12,019
432006	89 MCLLOUD TEL CO	5,803	1,779	395	98,914	17,467	10,053	126,433
432011	89 OKLAHOMA ALLTEL, INC	10,287	3,722	2,026	104,208	37,611	27,029	168,849
431984	89 OKLAHOMA COMM SYSTEM	12,763	4,966	936	111,100	48,965	22,823	182,888
432013	89 OKLAHOMA TEL & TEL	1,746	771	152	11,231	6,996	2,333	20,560
432014	89 OKLAHOMA WESTERN TEL	2,521	820	204	16,251	7,796	4,192	28,239
432016	89 PANHANDLE TEL COOP	4,256	1,395	1,291	23,239	14,646	14,976	52,861
432018	89 PIONEER TEL COOP INC	34,892	13,411	2,787	287,957	123,858	45,081	456,896
432020	89 POTTAWATOMIE TEL CO	1,724	700	104	10,983	7,170	2,535	20,688
431831	89 S. CENTRAL TEL - OK	382	114	59	1,594	1,111	976	3,680
432030	89 TOTAH TELEPHONE CO	1,673	859	183	7,160	8,984	3,365	19,509
432032	89 VALLIANT TEL CO	1,773	618	234	18,696	6,001	4,123	28,819

TABLE 4.22 C

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 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO.LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
432034	89	WYANDOTTE TEL CO	373	139	92	1,421	1,322	1,472	4,215
532404	89	ASOTIN TEL - OR	112	23	18	299	297	252	847
532359	89	BEAVER CREEK COOP	3,191	934	295	37,289	10,160	5,010	52,459
532304	89	C P NATIONAL CORP-OR	9,740	4,054	1,086	56,982	34,312	17,795	109,089
532362	89	CANBY TEL ASSN	7,448	3,086	771	58,829	25,364	14,465	98,659
532371	89	CASCADE UTIL INC	7,182	2,102	806	70,059	20,470	12,987	103,516
532363	89	CLEAR CREEK MUTUAL	2,760	696	308	35,922	7,317	5,828	49,067
532364	89	COLTON TEL CO	971	406	89	7,263	4,144	1,929	13,336
532449	89	CONTEL OF THE NW- OR	21,901	7,886	2,025	181,726	83,473	41,455	306,653
532376	89	HELIX TEL CO.	241	109	34	437	1,102	539	2,078
532377	89	HOME TELEPHONE CO	637	150	36	2,395	1,782	599	4,776
532456	89	MALHEUR HOME TEL CO	10,394	1,002	2,692	111,576	13,142	34,414	159,133
532226	89	MIDVALE TEL EXCH -OR	196	62	33	761	584	497	1,842
532383	89	MOLALLA TEL CO.	4,295	2,154	478	40,493	19,312	7,693	67,497
532385	89	MONROE TELEPHONE CO.	702	355	64	3,242	3,333	1,246	7,821
532387	89	NEHALEM TEL & TEL	1,900	596	174	7,077	5,558	2,796	15,431
532388	89	NORTH STATE TEL CO.	369	165	43	1,642	1,597	813	4,051
532389	89	OREGON TEL CORP	1,316	645	171	6,037	6,792	3,092	15,922
532392	89	PINE TEL SYSTEM INC.	647	144	89	3,416	1,623	1,684	6,723
532393	89	PIONEER TEL COOP	10,023	2,979	879	62,210	30,122	17,523	109,855
532375	89	RTI/HALSEY TEL CO	583	657	204	3,120	3,650	2,015	8,784
532397	89	SCIO MUTUAL TEL ASSN	1,327	589	124	8,712	5,749	2,426	16,886
532361	89	TEL UTIL OF OREGON	35,899	14,851	6,084	247,654	151,787	97,331	496,772
532378	89	TRANS-CASCADES TEL	85	33	9	447	457	188	1,092
170170	89	CONTEL OF PA	49,953	13,107	5,838	498,273	150,141	98,466	746,879
170177	89	LACKAWAXEN TEL CO	2,613	633	452	6,951	4,803	6,822	18,576
170183	89	MAHANAY & MAHANTONGO	3,503	992	134	22,141	10,686	2,374	35,202
170192	89	NORTH PENN TEL CO	4,037	917	880	26,247	8,999	10,603	45,849
170194	89	OSWAYO RIVER TEL CO	1,700	294	398	11,719	3,068	5,543	20,330
170201	89	QUAKER STATE TEL CO	30,912	7,140	5,410	266,588	69,970	70,208	406,766
170206	89	SUGAR VALLEY TEL CO	878	280	137	5,405	2,692	1,515	9,611
633200	+	PUERTO RICO COMM	110,103	28,376	3,636	1,154,159	288,813	87,469	1,530,440
240512	89	BLUFFTON TEL. CO.	2,984	720	905	11,476	6,170	13,152	30,797
240526	89	CONTEL OF SC	14,163	2,830	2,814	218,540	26,840	41,861	287,241
240520	89	FARMERS TEL COOP	35,797	8,515	5,756	581,625	83,210	107,721	772,556
240523	89	HARGRAY TEL CO	30,172	3,100	11,451	235,948	40,265	153,395	429,608
240528	+	HORRY TEL COOP	40,924	9,035	7,228	453,263	85,687	123,140	662,090
240533	89	MCCLELLANVILLE TEL	1,095	528	117	10,275	4,737	2,569	17,580
240539	89	POND BRANCH TEL CO	7,932	2,430	530	76,232	21,176	10,333	107,742
240551	89	WILLISTON TEL CO	3,708	1,108	367	40,467	10,549	5,431	56,447
391647	89	CHEYENNE RIVER SIOUX	1,856	410	213	24,321	4,426	4,653	33,400
391643	89	CONTEL OF S. DAKOTA	7,804	2,213	1,168	61,285	23,728	21,839	106,853
391659	89	GOLDEN WEST TELECOMM	11,343	2,625	1,768	99,396	24,045	27,850	151,291
391666	89	JEFFERSON TEL CO -SD	476	88	183	1,546	712	2,179	4,437
391667	89	KADOKA TELEPHONE CO	511	138	106	2,809	1,330	1,180	5,318
391668	89	KENNEBEC TEL CO	258	95	36	1,183	977	527	2,687
391689	89	WEST RIVER COOP	1,533	275	208	16,168	3,108	3,607	22,883
290552	89	ADAMSVILLE TEL CO	5,819	710	664	72,665	8,421	12,184	93,270
290571	89	MILLINGTON TEL CO	18,210	1,829	2,645	274,607	22,327	50,843	347,776
290575	89	TENNESSEE TEL CO	36,266	5,561	5,872	588,961	58,537	81,695	729,193
290579	89	TWIN LAKES TEL COOP	24,279	3,977	1,872	299,164	41,009	36,422	376,595
442121	89	ALLTEL TEXAS INC	2,705	819	163	19,245	9,860	3,916	33,021
442039	89	BIG BEND TEL CO INC	2,641	888	304	11,718	9,709	5,530	26,958
442040	89	BRAZORIA TEL CO	5,039	1,472	233	55,621	17,496	5,275	78,393
442041	89	BRAZOS TEL COOP INC	1,105	562	40	1,209	5,235	931	7,375
442042	89	CAMERON TEL CO TEXAS	969	360	68	3,230	3,667	1,179	8,076
442046	89	CAP ROCK TEL CO INC	2,324	929	83	12,447	9,992	2,316	24,755
442052	89	CENTRAL TEXAS CO-OP	3,613	966	122	21,547	12,121	2,765	36,434
442059	89	COLORADO VALLEY TEL	4,953	1,348	178	24,409	16,044	4,176	44,628
442066	89	DELL TEL. CO-OP - TX	537	163	104	2,867	1,679	1,447	5,993
442262	89	E N M R TEL COOP-TX	761	136	61	6,274	1,512	1,066	8,853
442068	89	EASTEX TEL COOP INC	20,570	5,810	1,545	154,451	65,179	25,444	245,074
442070	89	ETEX TEL COOP INC	9,118	3,606	500	75,109	41,411	13,537	130,057
442071	89	FIVE AREA TEL CO-OP	1,454	450	134	11,338	5,405	2,649	19,392
442072	89	FORT BEND TEL CO	17,741	3,899	1,822	223,487	43,275	32,119	298,881
442076	89	GANADO TELEPHONE CO	1,275	519	45	9,085	5,866	831	15,783
442083	89	GUADALUPE VALLEY TEL	15,660	8,124	1,197	71,470	84,970	25,697	182,137

TABLE 4.22 C

 1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
442086	+	HILL COUNTRY CO-OP	9,152	3,055	492	57,572	38,270	12,709	108,551
442093	89	INDUSTRY TEL CO	1,534	561	47	5,843	5,816	1,043	12,702
442097	89	KERRVILLE TEL CO	14,856	3,500	1,165	116,562	43,595	23,084	183,242
442103	89	LA WARD TEL EXCHANGE	879	360	26	2,069	4,222	841	7,132
442101	89	LAKE DALLAS TEL CO	4,435	3,379	598	11,485	29,936	11,589	53,011
442104	89	LAKE LIVINGSTON TEL	946	213	33	2,168	2,372	729	5,270
442109	89	LUFKIN-CONROE TEL EX	62,656	21,149	6,309	696,973	231,483	117,022	1,045,478
442112	89	MID-PLAINS RURAL TEL	2,080	867	125	10,656	9,791	3,317	23,764
442116	89	MUENSTER TEL CORP-TX	2,551	1,162	170	14,045	11,558	2,911	28,514
442117	89	MUSTANG TEL CO	2,471	1,042	437	5,479	8,635	4,930	19,044
442130	89	PEOPLES TEL COOP -TX	7,037	2,428	326	45,297	25,869	8,686	79,853
442131	89	POKA-LAMBRO TEL COOP	3,146	1,316	144	14,987	14,844	5,362	35,193
442134	89	RIVIERA TEL CO INC	831	390	43	3,697	3,432	1,230	8,358
442136	89	ROMAIN TELEPHONE CO	867	254	107	6,112	2,874	1,603	10,589
442135	+	SOUTHWEST TEXAS TEL	2,676	1,142	153	16,024	14,130	3,676	33,830
442147	89	SUGAR LAND TEL CO	30,519	5,142	6,252	501,123	52,065	63,703	616,891
442150	89	TATUM TEL CO	679	358	36	4,272	3,700	903	8,874
442151	89	TAYLOR TEL CO-OP INC	5,275	1,770	195	38,877	20,896	7,672	67,445
442153	89	TEXAS-MIDLAND TEL	9,540	4,175	542	56,509	44,502	12,376	113,387
442155	89	TRI - COUNTY TEL - TX	776	341	34	5,209	3,224	802	9,235
442156	89	TRINITY VALLEY TEL	5,025	2,004	367	46,533	19,842	7,083	73,458
442159	+	VALLEY TEL CO-OP -TX	4,370	2,574	202	31,620	25,244	4,864	61,728
442163	89	WATERWOOD COMM INC	394	145	28	143	1,519	619	2,281
442168	89	WES - TEX TEL CO-OP	3,029	1,020	120	26,585	11,924	3,155	41,665
442166	89	WEST TEXAS RURAL TEL	1,756	702	220	11,501	7,745	4,088	23,334
442170	89	XIT RURAL TEL CO-OP	1,048	322	226	345	4,627	6,145	11,117
502284	89	BEEHIVE TEL CO - UT	470	200	63	8,429	1,706	938	11,073
502277	89	CENTRAL UTAH TEL INC	767	221	59	7,662	2,388	1,233	11,283
502177	89	CONTEL THE WEST - UT	14,095	3,630	2,706	128,928	36,391	38,918	204,237
502278	89	EMERY COUNTY FARMERS	2,469	743	205	29,091	7,691	3,279	40,060
502280	89	KAMAS-WOODLAND TEL	1,609	537	100	9,249	4,717	2,066	16,032
502275	89	NAVAJO COMMUN - UT	301	65	170	847	567	1,600	3,014
502286	89	SOUTH CENTRAL UTAH	2,466	624	408	21,325	6,161	6,331	33,817
502287	89	UINTAH BASIN TEL	2,183	660	174	18,105	12,831	3,735	34,671
502288	89	UT-WY TELECOM	438	92	86	3,563	1,029	959	5,552
140070	89	CONTEL OF VERMONT	33,120	8,520	6,476	188,749	72,967	80,099	341,815
140058	89	LUDLOW TEL CO	3,857	814	738	12,678	6,567	10,077	29,322
140061	89	NORTHFIELD TEL CO	2,665	822	597	14,731	6,909	11,132	32,772
140062	89	PERKINSVILLE TEL CO	755	322	165	1,455	2,792	1,852	6,098
140068	89	TOPSHAM TEL CO	1,090	240	176	8,401	2,321	2,634	13,355
140069	89	WAITSFIELD/FAYSTON	4,389	974	1,034	15,989	7,431	15,109	38,529
643300	+	VIRGIN ISLANDS TEL	45,536	0	12,288	902,981	0	173,158	1,076,139
190217	89	AMELIA TEL CORP	3,222	1,219	294	30,972	11,810	5,040	47,822
190249	89	ROANOKE & BOTETOURT	6,414	1,839	1,489	77,370	21,956	16,385	115,710
522404	89	ASOTIN TEL - WA	900	88	98	8,666	1,314	1,683	11,663
522449	89	CONTEL OF THE NW-WA	51,092	19,413	6,763	412,566	177,935	103,121	693,622
522410	89	COWICHE TELEPHONE CO	1,431	692	117	7,224	6,257	1,989	15,471
522412	89	ELLENSBURG TEL CO	14,210	3,417	2,360	137,219	37,443	32,485	207,147
522417	89	HAT ISLAND TEL CO	57	11	2	0	120	19	139
522419	89	HOOD CANAL TEL CO	769	294	76	1,582	2,751	1,087	5,420
522423	89	INLAND TEL CO -WA	1,531	360	175	7,271	3,730	2,245	13,245
522426	89	KALAMA TEL CO	1,606	815	299	8,997	6,747	3,245	18,990
522427	89	LEWIS RIVER TEL CO	2,423	1,174	520	12,762	10,957	7,457	31,176
522431	89	MASHELL TEL CO INC	1,926	983	168	8,212	9,085	3,484	20,781
522436	89	PENINSULA TELECOMM	4,181	1,431	592	32,531	15,442	8,474	56,446
522437	89	PIONEER TEL CO	731	233	67	4,002	2,387	989	7,379
522442	89	ST JOHN TEL CO	537	206	61	2,734	2,247	806	5,787
522408	89	TEL UTIL OF WA INC	78,038	33,355	12,742	511,321	327,195	188,010	1,026,525
522446	89	TENINO TELEPHONE CO	2,106	1,201	227	11,972	10,700	4,473	27,146
522447	89	TOLEDO TELEPHONE CO	1,345	606	197	8,809	4,931	3,410	17,150
522451	89	WESTERN WAHAKIUM	800	248	130	5,560	2,958	1,832	10,350
522452	89	WHIDBEY TEL CO.	7,341	2,267	1,303	35,963	23,650	14,160	73,773
522453	89	YELM TELEPHONE CO	5,419	2,613	650	42,860	24,412	12,585	79,857
200278	89	CONTEL OF WV	23,137	6,400	3,853	346,090	55,887	47,126	449,103
200259	89	HARDY TEL CO	1,993	184	292	24,730	1,819	4,235	30,783
200270	89	MOUNTAIN STATE TEL	15,688	4,422	2,315	234,688	46,268	39,730	320,686
330841	89	CENCOM OF WISCONSIN	22,932	4,894	1,783	152,966	48,629	24,129	225,724

TABLE 4.22 C

 1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 MESSAGES & SLU MINUTES (IN THOUSANDS) & LOOPS

FCODE	YR	CARRIER	NO. LOOP	ST MSGS	IS MSGS	LOC SLU	ST SLU	IS SLU	TOT SLU
330859	89	CENTRAL STATE TEL CO	7,212	2,093	553	51,780	20,906	9,727	82,413
330895	89	CENTURY OF WISCONSIN	44,188	5,679	7,866	477,607	71,090	140,910	689,607
330860	89	CHEQUAMEGON TEL COOP	6,226	1,288	696	26,572	11,788	11,067	49,427
330870	89	CRANDON TEL CO	2,346	526	124	16,758	5,762	2,556	25,077
330891	89	HEADWATERS TEL CO	3,643	657	212	15,760	6,809	4,314	26,882
330936	89	INDIANHEAD TEL CO	1,650	475	132	7,556	4,413	2,377	14,347
330908	89	MARQUETTE-ADAMS COOP	2,643	769	354	10,531	6,057	6,829	23,417
330909	89	MIDWAY TEL CO	6,105	1,688	835	53,970	19,574	11,137	84,681
330913	89	MONROE COUNTY TEL CO	8,760	1,978	993	72,237	19,969	18,413	110,619
330916	89	MOUNT HOREB TEL CO	2,978	523	226	29,195	5,822	4,480	39,497
330917	89	MT VERNON TEL CO	5,328	1,143	573	65,648	13,637	11,009	90,294
330922	89	NORTH-WEST TEL CO	54,242	15,126	5,576	485,055	159,448	94,339	738,843
330931	89	PEOPLES TEL CO	5,494	1,648	418	33,313	15,202	6,443	54,958
330934	89	PLATTEVILLE TEL CO	7,415	1,410	835	52,478	19,507	13,763	85,747
330937	89	PRICE COUNTY TEL CO	3,451	853	400	3,669	8,574	6,423	18,666
330940	89	RHINELANDER TEL CO	9,607	2,325	1,046	95,195	26,939	19,933	142,066
330950	89	SOLON SPRINGS TEL CO	14,368	2,756	1,919	69,338	26,766	27,810	123,914
330952	89	SOUTHEAST TEL OF WISCONSIN	5,910	1,846	539	54,487	19,529	10,015	84,032
330956	89	UNIVERSAL OF N WISC	9,818	2,502	815	61,066	26,428	15,807	103,302
330964	89	URBAN TEL CORP	16,664	4,419	1,190	142,639	52,295	20,947	215,882
330963	89	UTELCO, INC	12,658	2,514	1,648	99,395	24,533	21,583	145,511
330974	89	WOOD COUNTY TEL CO	21,022	4,117	1,883	202,883	45,656	30,667	279,205
512291	89	DUBOIS TEL EXCHANGE	1,525	302	312	7,436	3,062	4,493	14,991
512251	89	RANGE TEL COOP - WY	1,346	333	316	12,089	3,757	4,413	20,259
512295	89	SILVER STAR TEL-WY	1,037	218	288	5,629	1,538	3,582	10,749
512299	89	TEL. UTIL. OF WY.	3,016	672	738	14,073	6,611	10,430	31,114
512297	89	UNION TELEPHONE CO	2,750	544	902	25,354	5,607	11,426	42,388
512290	89	UTAH-WYOMING TELECOM	302	38	91	1,664	373	1,083	3,119
TOTAL (564 STUDY AREAS)			5,429,387	1,512,893	699,612	51,441,654	15,307,992	11,399,890	78,126,060

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

+ - COMPANIES WHICH SUBMITTED 1988 DATA RATHER THAN 1989 DATA

TABLE 4.23 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
250284	87	BUTLER TEL CO	45,670	6,779	6,477	58,925	0.1100	0.2831	0.1099	0.1709
250281	87	CONTEL OF THE SOUTH	1,046,719	193,566	127,971	1,368,256	0.0828	0.2242	0.0935	0.1450
250295 *		GRACEBA TOTAL COMM	26,701	7,914	5,485	40,100	0.1292	0.2808	0.1368	0.1368
250297	87	GROVE HILL TEL CORP	17,624	5,642	2,183	25,449	0.0865	0.2216	0.0858	0.1362
250298	87	GULF TEL CO - AL	185,791	33,659	46,993	266,443	0.1730	0.3495	0.1764	0.2655
250300	87	HOPPER TEL. CO INC	24,832	7,271	2,182	34,285	0.0636	0.1656	0.0636	0.1078
250304	87	MILLRY TEL CO	50,127	70,740	12,167	133,034	0.0946	0.3108	0.0915	0.3776
250306	87	MONROEVILLE TEL CO	122,057	19,644	21,051	162,752	0.1178	0.2431	0.1293	0.2099
250314	87	PEOPLES TEL CO	116,219	17,133	12,658	146,010	0.0848	0.2073	0.0867	0.1451
250315 *		PINE BELT TEL CO	9,160	2,715	1,882	13,757	0.1292	0.1645	0.1368	0.1368
250316	87	RAGLAND TEL CO	9,062	2,796	857	12,714	0.0674	0.2040	0.0674	0.1128
250318	87	SOUTHLAND TEL CO-AL	136,178	18,980	17,245	172,404	0.0987	0.2625	0.1000	0.1616
613000	87	ANCHORAGE TEL UTIL	1,809,209	134,842	297,498	2,241,548	0.1327	0.4707	0.1327	0.1524
613001	87	ARCTIC SLOPE TEL	8,033	9,302	8,272	25,606	0.3230	0.7500	0.3230	0.3378
613003	87	BRISTOL BAY TEL COOP	5,440	2,647	2,172	10,260	0.2117	0.7500	0.2117	0.2643
613004	87	BUSH-TELL INC.	3,087	2,095	419	5,602	0.0749	0.4284	0.0749	0.0953
613006	87	COPPER VALLEY TEL	20,431	7,240	7,379	35,049	0.2105	0.5457	0.2105	0.2752
613007	87	CORDOVA TEL COOP	10,048	2,459	3,634	16,140	0.2251	0.7400	0.2251	0.2937
613008	87	FAIRBANKS MUNICIPAL	300,702	33,567	54,269	388,537	0.1397	0.4401	0.1397	0.1968
613010	87	GLACIER STATE TEL CO	290,151	46,945	61,395	398,490	0.1925	0.5877	0.1541	0.2113
613009	87	GTE ALASKA INC.	93,300	33,023	27,498	153,821	0.1788	0.4997	0.1788	0.2570
613011	87	INTERIOR TEL CO INC	10,797	6,834	8,248	25,879	0.3187	0.7500	0.3187	0.3791
613012	87	JUNEAU & DOUGLAS TEL	162,738	23,282	41,887	227,906	0.1808	0.5489	0.1838	0.2545
613013	87	KETCHIKAN PUBLIC UT	65,762	8,781	19,755	94,298	0.2095	0.5563	0.2095	0.3217
613015	87	MATANUSKA TEL ASSOC	294,407	62,645	54,539	411,591	0.1325	0.3969	0.1325	0.1819
613016	87	MUKLUK TEL CO INC	2,542	2,463	617	5,622	0.1098	0.2728	0.1098	0.1475
613018	87	NUSHAGAK TEL COOP	10,274	3,913	2,683	16,870	0.1590	0.5702	0.1590	0.2287
613019	87	OTZ TEL COOPERATIVE	13,175	6,526	2,013	21,714	0.0927	0.3409	0.0927	0.1328
613020	87	SITKA TELEPHONE CO	49,636	20,182	20,294	90,113	0.2234	0.5799	0.2252	0.3109
613022	87	TEL UTIL OF ALASKA	17,359	1,537	8,197	27,094	0.3010	0.7500	0.3026	0.3982
613023	87	UNITED UTILITIES INC	20,194	13,576	2,911	36,682	0.0794	0.3030	0.0794	0.1194
613025	87	YUKON TEL CO INC	1,455	1,427	687	3,569	0.1925	0.3887	0.1925	0.2270
452171	87	ARIZONA TELEPHONE CO	3,085	5,241	2,722	11,048	0.2463	0.7500	0.2463	0.2930
452172	87	CITIZENS UTILITIES	246,080	62,053	125,845	433,978	0.2900	0.6252	0.2900	0.4082
452302	87	CONTEL CALIF - AZ	27,259	8,940	13,002	49,201	0.2568	0.5536	0.2643	0.3846
452177	87	CONTEL OF WEST-AZ	151,229	105,100	75,433	331,762	0.1628	0.3771	0.2274	0.2274
452275	87	NAVAJO COMMUN-AZ	36,031	23,838	23,526	83,396	0.2821	0.6915	0.2821	0.3613
452175	87	UNIVERSAL TEL OF SW	6,600	2,435	1,586	10,621	0.1495	0.4947	0.1493	0.2305
452176	87	VALLEY TEL COOP-AZ	8,797	6,029	2,213	17,040	0.1299	0.6099	0.1299	0.3391
401691	87	ALLTEL ARKANSAS INC	621,221	154,419	107,130	882,769	0.1171	0.3041	0.1214	0.1867
401692	87	ARKANSAS TEL CO	48,802	7,892	9,768	66,461	0.1384	0.4559	0.1470	0.2220
401697	87	CENTRAL ARKANSAS TEL	18,391	5,089	2,419	25,899	0.0934	0.2479	0.0934	0.1509
401705	87	CENTURY OF ARKANSAS	103,482	18,129	18,139	139,750	0.1298	0.3402	0.1298	0.2228
401698	87	CLEVELAND COUNTY TEL	15,020	6,652	2,061	23,733	0.0868	0.2412	0.0868	0.1326
401730	87	CONTEL OF ARKANSAS	764,812	172,096	128,884	1,065,792	0.1182	0.2954	0.1209	0.1724
401699	87	DECATUR TEL CO INC	3,508	2,214	1,773	7,496	0.2365	0.6309	0.2365	0.2802
401722 *		E RITTER TEL CO	40,205	11,916	8,258	60,379	0.1292	0.3183	0.1368	0.1368
401709	87	MADISON COUNTY TEL	22,202	5,454	4,342	31,997	0.1359	0.2897	0.1357	0.2152
401711	87	MOUNTAIN HOME TEL	95,879	12,293	28,238	136,410	0.2070	0.4303	0.2070	0.3413
401713	87	NORTH ARKANSAS TEL	22,992	10,086	9,497	42,575	0.2231	0.4734	0.2231	0.3211
401720	87	REDFIELD TEL CO	9,251	3,783	1,292	14,326	0.0902	0.3514	0.0902	0.1477
401702	87	SOUTH ARKANSAS TEL	27,688	6,913	3,480	38,082	0.0914	0.2754	0.0914	0.1414
401724 *		SW ARKANSAS TEL COOP	41,752	12,374	8,576	62,702	0.1292	0.2955	0.1368	0.1368
401726	87	TRI-COUNTY TEL CO-AR	42,363	6,902	6,533	55,798	0.1173	0.2560	0.1171	0.1928
401727	87	UNION TEL CO INC	3,166	886	897	4,949	0.1813	0.3623	0.1813	0.2955
401729	87	WALNUT HILL TEL CO	30,619	10,543	8,673	49,835	0.1740	0.4135	0.1740	0.2560
401733	87	YELCOT TEL CO INC	22,469	5,292	4,937	32,697	0.1510	0.3481	0.1510	0.2387
401734	87	YELL COUNTY TEL CO	33,890	10,272	4,824	48,986	0.0985	0.2388	0.0985	0.1485
542304	87	C P NATIONAL CORP-CA	62,326	41,415	12,469	116,210	0.1067	0.2772	0.1073	0.1409
542301	87	CALAVERAS TEL CO	5,480	5,382	975	11,837	0.0824	0.2488	0.0824	0.0905
542311	87	CALIF-OREGON TEL CO	9,695	4,839	4,695	19,229	0.2442	0.4166	0.2442	0.3212
542306 *		CAPAY VALLEY TEL SYS	1,977	586	406	2,969	0.1292	0.2748	0.1368	0.1368
542308	87	CITIZENS UTIL OF CA	485,223	156,572	55,254	697,049	0.0793	0.2319	0.0793	0.1107
542313	87	DUCOR TELEPHONE CO	2,105	2,755	357	5,217	0.0685	0.2156	0.0685	0.8873
542315	87	EVANS TEL CO.	44,165	29,395	4,598	78,159	0.0588	0.1941	0.0588	0.0776
542318 *		FORESTHILL TEL CO.	6,340	1,879	1,302	9,521	0.1292	0.4863	0.1292	0.1368
542321 *		HAPPY VALLEY TEL CO	13,414	3,976	2,755	20,145	0.1292	0.1812	0.1292	0.1368



TABLE 4.23 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
542322	*	HORNITOS TEL CO	4,310	1,277	885	6,473	0.1292	0.2538	0.1292	0.1368
542324	87	KERMAN TELEPHONE CO	40,522	14,443	3,095	58,061	0.0502	0.1489	0.0533	0.0702
542346	+	PINNACLES TEL CO	279	1,723	482	2,484	0.1940	0.4069	0.1940	0.2072
542332	87	PONDEROSA TEL CO	27,619	19,986	2,877	50,482	0.0570	0.1972	0.0570	0.0714
542334	87	ROSEVILLE TEL CO	605,801	143,049	53,814	802,663	0.0685	0.1991	0.0670	0.8102
542338	87	SIERRA TELEPHONE CO	71,352	43,046	7,579	121,977	0.0619	0.2088	0.0621	0.0882
542339	87	SISKIYOU TEL CO	13,681	25,536	7,230	46,448	0.1277	0.3105	0.1557	0.1557
542342	87	TUOLUMNE TEL CO	18,651	18,828	3,403	40,882	0.0833	0.2634	0.0832	0.0982
542343	87	VOLCANO TEL CO	26,008	32,450	4,162	62,620	0.0646	0.2036	0.0665	0.0833
462192	87	BIG SANDY TELCOMM	3,521	2,504	1,198	7,223	0.1463	0.3209	0.1659	0.1801
462181	87	BIJOU TEL COOP ASSOC	2,962	2,944	1,083	6,989	0.1503	0.3657	0.1549	0.2037
462182	87	BLANCA TEL CO	1,866	1,247	926	4,039	0.2292	0.6548	0.2292	0.3312
462204	87	COLUMBINE TEL CO	2,931	2,227	1,891	7,049	0.2682	0.6117	0.2682	0.3178
462184	87	DELTA COUNTY TEL CO	53,430	9,674	9,805	72,909	0.1319	0.2976	0.1345	0.2123
462185	87	EAGLE TELECOMMUN INC	23,273	13,788	9,789	46,851	0.2071	0.5373	0.2090	0.2680
462186	87	EASTERN SLOPE RURAL	25,005	13,293	7,271	45,568	0.1468	0.3531	0.1596	0.2047
462187	87	EL PASO COUNTY TEL	10,579	7,123	3,809	21,510	0.1771	0.3408	0.1771	0.2171
462188	87	FARMERS TEL CO - CO	1,308	838	509	2,656	0.1918	0.4374	0.1918	0.2347
462190	87	HAXTUN TEL CO	7,929	4,369	1,931	14,229	0.1357	0.3216	0.1357	0.1858
462193	87	NUCLA-NATURITA TEL	5,473	2,735	2,435	10,643	0.2288	0.4296	0.2288	0.3106
462194	87	NUNN TEL CO	992	803	584	2,379	0.2455	0.5217	0.2455	0.2866
462196	87	PEETZ COOP TEL CO	1,248	501	514	2,263	0.2271	0.4080	0.2271	0.3143
462197	*	PHILLIPS COUNTY TEL	14,819	4,392	3,044	22,256	0.1292	0.3666	0.1368	0.1368
462199	87	PLAINS COOP TEL ASSN	8,153	4,831	1,828	14,812	0.1234	0.2600	0.1234	0.1753
462203	87	RYE TELEPHONE CO	7,441	3,344	2,267	13,052	0.1737	0.4162	0.1737	0.2216
462207	87	STRASBURG TEL CO	3,945	3,481	1,348	8,774	0.1536	0.3728	0.1536	0.2060
461835	87	SUNFLOWER TEL - CO	1,374	1,036	838	3,248	0.2579	0.4267	0.2579	0.3389
462208	87	UNIVERSAL TEL CO -CO	32,374	5,984	10,549	48,907	0.2157	0.6651	0.2157	0.3171
462209	87	WIGGINS TEL ASSOC	5,461	4,465	1,513	11,439	0.1257	0.2832	0.1323	0.1727
210336	87	ALLTEL FLORIDA INC.	428,843	123,270	66,731	618,844	0.1082	0.2565	0.1078	0.1474
210291	87	FLORALA TEL CO	13,925	5,154	4,427	23,506	0.1063	0.2967	0.1883	0.1883
210329	87	GULF TEL CO	83,442	26,485	22,070	131,997	0.1019	0.2122	0.1672	0.1672
210331	87	INDIANTOWN SYSTEM	10,278	10,031	3,854	24,163	0.1643	0.3906	0.1595	0.1899
210335	87	NORTHEAST FLORIDA	44,224	12,725	6,633	63,582	0.1030	0.2149	0.1043	0.1406
210338	87	QUINCY TEL CO-FL DIV	112,888	24,734	12,139	149,760	0.0781	0.2198	0.0811	0.1186
210339	87	SAINT JOSEPH TEL & TEL	166,545	81,202	56,045	303,792	0.1282	0.3414	0.1845	0.4674
210318	87	SOUTHLAND TEL-FL	35,242	3,138	4,044	42,423	0.0953	0.2765	0.0953	0.1627
210330	87	VISTA-UNITED TELCOM	48,411	26,962	70,910	146,283	0.4683	0.5765	0.4847	0.5324
220344	87	ALMA TEL CO	57,020	11,782	5,306	74,107	0.0717	0.1883	0.0716	0.1106
220347	87	BRANTLEY TEL CO	28,726	7,607	3,461	39,794	0.0857	0.2004	0.0870	0.1295
220351	87	CAMDEN TEL & TEL CO	91,629	12,796	31,497	135,922	0.2276	0.5067	0.2317	0.3074
220355	87	CITIZENS TEL CO - GA	44,668	9,320	4,307	58,295	0.0739	0.2100	0.0739	0.0999
220356	87	COASTAL UTILITIES	173,638	46,122	73,018	292,779	0.2459	0.4869	0.2494	0.3563
220281	87	CONTEL OF SOUTH - GA	504,557	134,572	75,035	714,164	0.0976	0.2201	0.1051	0.1611
220358	87	DARIEN TEL CO	29,999	8,326	5,030	43,354	0.1175	0.2624	0.1160	0.1587
220360	87	ELLIJAY TEL CO	64,866	12,549	5,702	83,117	0.0622	0.1854	0.0686	0.0942
220371	87	INTERSTATE TEL CO	158,138	14,011	19,675	191,824	0.0825	0.2483	0.1026	0.1640
220377	87	PINELAND TEL COOP	92,560	19,336	8,033	119,928	0.0671	0.1766	0.0670	0.1057
220379	87	PLANT TEL. CO.	71,037	18,402	7,577	97,016	0.0784	0.1890	0.0781	0.1140
220381	87	PUBLIC SERVICE TEL	86,944	19,964	7,590	114,498	0.0663	0.1821	0.0663	0.1105
220338	87	QUINCY TEL CO-GA DIV	9,773	949	1,698	12,421	0.1367	0.2728	0.1367	0.2463
220386	87	STANDARD TEL CO	362,108	100,881	47,533	510,522	0.0898	0.2019	0.0931	0.1454
220324	87	VALLEY TEL CO - GA	58,841	4,084	5,362	68,287	0.0727	0.3459	0.0785	0.1164
220392	87	WAVERLY HALL TEL CO	6,456	2,709	977	10,142	0.0964	0.2404	0.0964	0.1223
220394	87	WILKES TEL & ELC CO	97,571	18,837	11,640	128,048	0.0908	0.1795	0.0909	0.1491
472213	87	ALBION TEL CO INC	6,674	2,451	1,902	11,026	0.1725	0.3769	0.1725	0.2332
472215	87	CAMBRIDGE TEL CO	3,962	2,043	1,155	7,160	0.1613	0.3790	0.1613	0.2134
472225	87	CENTURY TEL OF IDAHO	21,971	3,820	4,345	30,136	0.1442	0.3932	0.1442	0.2783
472177	87	CONTEL OF WEST-ID	69,325	68,523	50,617	188,465	0.1848	0.4309	0.2686	0.2686
472218	87	CUSTER TEL COOP	10,216	2,643	2,841	15,700	0.1810	0.7500	0.1810	0.2683
472223	87	GEM STATE UTIL-ID	6,774	2,826	1,741	11,341	0.1535	0.4527	0.1535	0.2196
472423	87	INLAND TEL-ID	916	990	456	2,362	0.1931	0.3588	0.1931	0.2473
472226	87	MIDVALE TEL EXCH INC	744	429	318	1,491	0.2134	0.3018	0.2134	0.2734
472231	87	PROJECT MUTUAL TEL	84,935	8,219	9,244	102,398	0.0887	0.2970	0.0903	0.1303
472232	87	ROCKLAND TEL CO INC	2,239	928	390	3,557	0.1095	0.3220	0.1095	0.1598
472233	87	RURAL TEL CO - ID	417	526	292	1,236	0.2366	0.7000	0.2366	0.2907
472295	87	SILVER STAR TEL- ID	1,467	916	644	3,028	0.2128	0.5617	0.2128	0.2601

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DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
472234	87	TROY TELEPHONE CO	2,873	1,900	1,415	6,188	0.2286	0.4437	0.2286	0.2768
341000	87	ALLTEL ILLINOIS INC.	331,800	102,255	82,032	516,087	0.1589	0.3233	0.1589	0.2119
341009 *		C - R TEL CO	4,165	1,234	856	6,255	0.1292	0.1874	0.1368	0.1368
341036	87	CONTEL OF ILLINOIS	1,165,987	526,852	258,011	1,950,850	0.1323	0.2646	0.1323	0.1675
341003 *		EGYPTIAN COOP ASSN	13,430	3,980	2,759	20,169	0.1292	0.2360	0.1368	0.1368
341004	87	EL PASO TEL CO	9,850	5,440	1,733	17,024	0.1018	0.2471	0.1018	0.1300
341023	87	GRIDLEY TEL CO	5,214	5,165	1,546	11,925	0.1297	0.2547	0.1297	0.1551
341037	87	IL CONSOLIDATED TEL	648,381	228,888	107,990	985,260	0.1059	0.2297	0.1096	0.1396
341038	87	INLAND TEL CO	21,060	18,886	4,005	43,952	0.0911	0.2038	0.0911	0.1250
341011	87	LAKESIDE TEL CO	5,151	2,326	639	8,115	0.0788	0.2010	0.0788	0.1228
341045	87	LEAF RIVER VLY TEL	2,262	2,170	467	4,899	0.0952	0.2193	0.0952	0.1288
341055	87	MIDLAND TEL CO	22,905	16,520	3,646	43,071	0.0847	0.2049	0.0847	0.1210
341060	87	MOULTRIE INDEPENDENT	4,283	2,333	532	7,149	0.0745	0.1797	0.0745	0.1126
341073	87	PRAIRIE TEL CO	6,234	2,983	878	10,096	0.0870	0.2172	0.0870	0.1337
320753	87	CLAY CTY RURAL COOP	78,827	19,027	6,522	104,376	0.0625	0.2089	0.0625	0.0836
320779	87	CONTEL OF INDIANA	1,337,823	283,306	220,385	1,841,514	0.1194	0.2710	0.1197	0.1823
320762	87	ELNORA TEL CO	3,213	825	313	4,351	0.0720	0.1610	0.0720	0.1236
320778	87	HOME TEL CO INC	17,956	3,805	1,429	23,190	0.0618	0.1489	0.0616	0.1101
320797	87	NEW PARIS TEL INC	13,629	3,249	2,373	19,251	0.1233	0.2509	0.1233	0.1473
320800	87	NORTHWESTERN INDIANA	69,705	26,300	14,524	110,529	0.1317	0.4042	0.1314	0.1721
320807 *		PERRY-SPENCER RURAL	19,539	5,791	4,013	29,343	0.1292	0.2142	0.1368	0.1368
320813 *		PULASKI-WHITE RURAL	7,162	2,123	1,471	10,756	0.1292	0.2256	0.1368	0.1368
320830 *		TRI-COUNTY TEL CO	15,818	4,688	3,249	23,755	0.1292	0.1783	0.1368	0.1368
320839 *		YEOMAN TEL CO, INC	4,351	1,289	894	6,534	0.1292	0.2325	0.1368	0.1368
351346	87	ACE TEL ASSN-IA	22,580	5,969	3,222	31,770	0.1017	0.2045	0.1014	0.1721
351105	87	AYRSHIRE FARMERS MUT	1,442	1,309	317	3,068	0.1032	0.2347	0.1032	0.1253
351110	87	BERNARD TEL CO INC	3,829	1,560	402	5,791	0.0928	0.1998	0.0694	0.0858
351113 *		BROOKLYN MUTUAL TEL	6,613	1,960	1,358	9,931	0.1292	0.2043	0.1368	0.1368
351207	87	CONTEL OF IOWA, INC.	566,607	180,073	76,099	822,778	0.0911	0.2377	0.0925	0.1577
351153 *		DUNKERTON TEL COOP	4,006	1,187	823	6,016	0.1292	0.1814	0.1368	0.1368
351888	87	GRAND RIVER MUT-IA	45,634	12,078	8,817	66,530	0.1325	0.3492	0.1325	0.1851
351214 *		KALONA COOP TEL CO	11,802	3,498	2,424	17,724	0.1292	0.2520	0.1368	0.1368
351229	87	LOST NATION-ELWOOD	5,466	1,701	493	7,659	0.0815	0.1788	0.0644	0.0915
351316	87	UNITED FARMERS TEL	2,787	21	4,172	6,980	0.1772	0.3011	0.1772	0.5416
351327	87	WEBB-DICKENS TEL	1,559	1,854	579	3,992	0.1450	0.2658	0.1450	0.1861
351329 *		WELLMAN COOP TEL	6,358	1,884	1,306	9,548	0.1292	0.1923	0.1368	0.1368
411741	87	ASSARIA TEL EXCHANGE	2,100	2,181	796	5,077	0.1568	0.2937	0.1568	0.1856
411746	87	BLUE VALLEY TEL CO	13,325	8,933	3,016	25,274	0.1193	0.2745	0.1193	0.1700
411790	87	CONTEL OF KANSAS	258,847	167,448	71,474	497,769	0.1346	0.3024	0.1436	0.1836
411818	87	CRAW-KAN TEL COOP	73,874	33,876	17,470	125,221	0.1395	0.2925	0.1395	0.1950
411761	87	CUNNINGHAM TEL CO	7,918	4,859	1,723	14,499	0.1188	0.2868	0.1188	0.1638
411764	87	ELKHART TEL CO INC	9,178	2,385	3,715	15,278	0.2316	0.4786	0.2432	0.3339
411777 *		GOLDEN BELT TEL ASSN	21,393	6,340	4,394	32,127	0.1292	0.4216	0.1368	0.1368
411781	87	H & B COMMUNICATIONS	3,978	3,329	1,194	8,501	0.1406	0.3135	0.1405	0.1600
411780 *		HAVILAND TEL CO	19,606	5,811	4,027	29,443	0.1292	0.2790	0.1368	0.1368
411782	87	HOME TEL CO	6,261	4,922	1,480	12,663	0.1169	0.2866	0.1169	0.1435
411785	87	J. B. N. TEL CO INC	12,065	7,398	2,961	22,425	0.1321	0.2727	0.1320	0.6333
411788	87	KANOKLA TEL ASSN-KS	11,446	5,894	3,149	20,489	0.1537	0.3456	0.1537	0.2084
411789	87	KANSAS STATE TEL CO	42,671	7,095	13,746	63,511	0.2139	0.4512	0.2164	0.2818
411801	87	MADISON TEL CO INC	4,331	1,738	753	6,821	0.1103	0.2897	0.1103	0.1550
411807	87	MOKAN DIAL INC-KS	10,110	6,813	3,669	20,592	0.1669	0.3133	0.1782	0.2365
411808	87	MOUNDRIDGE TEL CO	13,773	6,426	3,978	24,177	0.1606	0.2912	0.1645	0.2055
411814	87	PEOPLES MUTUAL TEL	6,131	2,675	1,834	10,641	0.1724	0.4002	0.1724	0.2199
411820 *		RAINBOW TEL COOP	11,563	3,427	2,375	17,365	0.1292	0.2336	0.1368	0.1368
411826	87	RURAL TEL SERVICE CO	40,600	21,199	7,882	69,681	0.1131	0.2710	0.1131	0.1474
411829 *		S & A TEL CO INC	4,168	1,235	856	6,259	0.1292	0.2354	0.1368	0.1368
411827	87	S & T TEL COOP ASSN	8,366	5,889	2,738	16,993	0.1520	0.3677	0.1611	0.2058
411831	87	SOUTH CENTRAL TEL - KS	4,551	3,830	1,545	9,926	0.1556	0.2973	0.1556	0.1979
411833 *		SOUTHERN KANSAS TEL	20,845	6,178	4,282	31,305	0.1292	0.2930	0.1368	0.1368
411835	87	SUNFLOWER TEL CO	26,786	9,413	7,360	43,559	0.1559	0.3781	0.1690	0.2307
412030	87	TOTAH TELEPHONE CO	4,855	4,251	2,433	11,539	0.2108	0.4273	0.2108	0.2555
411839 *		TRI-COUNTY TEL ASSN	17,302	5,128	3,554	25,984	0.1292	0.2256	0.1368	0.1368
411840	87	TWIN VALLEY TEL INC	10,796	6,494	2,341	19,632	0.1192	0.2520	0.1192	0.1660
411841	87	UNITED TEL ASSN	23,436	16,468	7,962	47,867	0.1546	0.4108	0.1663	0.2074
411845 *		WAMEGO TEL CO INC	23,923	7,090	4,914	35,927	0.1292	0.2720	0.1368	0.1368
411847	87	WHEAT STATE TEL	9,794	7,189	2,379	19,361	0.1228	0.2853	0.1228	0.1572
411849	87	WILSON TEL CO INC	10,794	6,063	2,268	19,126	0.1186	0.2499	0.1186	0.1595

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
411852	87	ZENDA TEL COMPANY	1,049	1,082	218	2,349	0.0927	0.2114	0.0927	0.1165
260410	87	CONTEL OF KENTUCKY	791,299	102,466	103,401	997,166	0.0953	0.1910	0.1037	0.1694
270422	87	ATHENS TEL CO	1,866	1,102	403	3,372	0.1196	0.2883	0.1196	0.1600
270431	87	CADDOAN TEL CO	80,079	15,547	14,517	110,143	0.1319	0.2878	0.1318	0.2002
270425	87	CAMERON TEL CO - LA	53,188	15,172	8,381	76,741	0.1092	0.3368	0.1092	0.1476
270423	87	CENTRAL LOUISIANA	155,682	28,641	17,086	201,409	0.0850	0.1944	0.0848	0.1369
270440	87	CENTURY TEL CO	20,901	6,205	2,579	29,684	0.0869	0.1649	0.0869	0.1330
270436	87	CENTURY TEL NORTH LA	8,432	2,439	1,718	12,589	0.1364	0.2944	0.1365	0.2084
270427 *		CHATHAM TEL CO	4,968	1,472	1,020	7,461	0.1292	0.1764	0.1368	0.1368
270424	87	COASTAL TEL & ELECTR	98,224	24,831	9,943	132,999	0.0747	0.1766	0.0748	0.1015
270429	87	EAST ASCENSION TEL	282,371	51,596	28,517	362,484	0.0787	0.1962	0.0787	0.1191
270430	87	ELIZABETH TEL CO	25,189	5,441	2,645	33,275	0.0795	0.2061	0.0795	0.1389
270434	87	EVANGELINE TEL CO	585,107	62,889	24,657	672,653	0.0635	0.1716	0.0367	0.1176
270433	87	LAFOURCHE TEL CO	113,606	20,216	9,829	143,651	0.0677	0.2490	0.0684	0.0984
270442	87	LOUISIANA WESTERN	33,231	8,501	4,515	46,247	0.0975	0.2259	0.0976	0.1727
270435	87	NORTHEAST LOUISIANA	7,564	3,120	1,357	12,041	0.1127	0.2753	0.1127	0.1747
270437	87	PLAIN DEALING TEL CO	18,047	3,553	2,567	24,166	0.1062	0.2041	0.1062	0.1712
270439 *		RINGGOLD TEL CO	8,064	2,390	1,656	12,111	0.1292	0.2728	0.1368	0.1368
270443	87	UTC OF LOUISIANA	28,233	6,686	4,084	39,003	0.1048	0.2446	0.1047	0.1604
100004	87	CHINA TEL CORP	7,752	8,049	2,714	18,515	0.1462	0.3300	0.1466	0.1739
100014	87	CONTEL OF MAINE	216,890	90,633	59,159	366,682	0.1592	0.3456	0.1613	0.2155
100010	87	HAMPDEN TEL CO	17,828	7,151	4,105	29,084	0.1088	0.2841	0.1411	0.1825
100011	87	HARTLAND & ST ALBANS	12,311	6,234	2,607	21,151	0.1180	0.3000	0.1232	0.1837
100003	87	LINCOLNVILLE TEL CO	5,907	2,461	2,074	10,442	0.1977	0.5914	0.1986	0.2714
100024	87	SOMERSET TEL CO	38,008	20,871	11,265	70,144	0.1565	0.3148	0.1606	0.2030
100025	87	STANDISH TEL CO	20,906	17,011	8,532	46,449	0.1837	0.4654	0.1837	0.2211
100027	87	UNION RIVER TEL CO	2,639	1,409	770	4,818	0.1524	0.4158	0.1599	0.2028
100029	87	UNITY TEL CO., INC.	16,769	8,697	3,932	29,398	0.1297	0.3279	0.1337	0.1675
100031	87	WARREN TEL CO	4,125	5,147	1,691	10,964	0.1396	0.3274	0.1543	0.1698
100034	87	WEST PENOBSCOT TEL	7,934	5,628	1,582	15,144	0.1047	0.2538	0.1045	0.1364
180216	87	ARMSTRONG TEL OF MD	23,038	15,205	10,897	49,140	0.2276	0.3664	0.2218	0.2755
310704	87	ACE TEL OF MICHIGAN	9,193	9,925	1,774	20,891	0.0843	0.2244	0.0849	0.1110
310681	87	ALLTEL MICHIGAN INC.	294,332	134,720	56,281	485,332	0.1160	0.2456	0.1160	0.1609
310678 *		BLANCHARD TEL ASSN	3,057	906	628	4,591	0.1292	0.1599	0.1368	0.1368
310679	87	BLOOMINGDALE TEL CO	5,443	6,116	1,526	13,086	0.1170	0.2581	0.1166	0.1386
310682	87	C, C & S TELCO - MI	120,841	46,671	21,500	189,013	0.1142	0.2122	0.1138	0.1699
310683	87	CARR TEL CO	3,168	2,347	466	5,981	0.0784	0.3647	0.0779	0.1331
310702	87	CENTURY TEL OF MICHIGAN	224,957	121,760	28,083	374,800	0.0741	0.2145	0.0749	0.1243
310685	87	CHATHAM TEL CO - MI	15,607	4,733	2,118	22,458	0.0943	0.2395	0.0943	0.1450
310680	87	CHIPPEWA COUNTY TEL	2,799	2,094	781	5,674	0.1376	0.2639	0.1376	0.1908
310687	87	CLAYTON TEL CO	1,781	2,754	649	5,185	0.1252	0.2279	0.1252	0.1554
310713	87	HIAWATHA TEL CO	19,215	7,583	3,842	30,640	0.1267	0.2882	0.1254	0.1840
310699	87	HICKORY TEL CO	13,571	3,222	1,562	18,355	0.0878	0.2025	0.0851	0.1161
310711	87	MIDWAY TEL CO	3,832	1,740	811	6,382	0.1271	0.2761	0.1271	0.1924
310717	87	ONTONAGON COUNTY TEL	29,645	5,729	4,866	40,240	0.1209	0.2943	0.1209	0.2068
310721	87	PIGEON TEL CO	12,157	10,427	2,019	24,602	0.0821	0.1863	0.0821	0.1011
310728	87	SPRINGPORT TEL CO	6,894	5,818	1,016	13,728	0.0740	0.2103	0.0740	0.0914
310732	87	UPPER PENINSULA TEL	16,478	10,330	4,992	31,801	0.1597	0.3490	0.1570	0.2255
310734 *		WALDRON TEL CO	4,896	1,451	1,006	7,352	0.1292	0.3801	0.1368	0.1368
310735 *		WESTPHALIA TEL CO	1,287	382	264	1,933	0.1292	0.1137	0.1368	0.1368
310738	87	WOLVERINE TEL CO	60,682	28,011	5,570	94,263	0.0592	0.1738	0.0591	0.0807
361346	87	ACE TEL ASSN-MN	75,625	16,574	12,375	104,574	0.1195	0.2571	0.1183	0.2703
361374	87	ARROWHEAD COMM CORP	1,844	1,423	379	3,645	0.1039	0.2702	0.1039	0.1862
361350	87	ARVIG TEL CO	37,964	14,175	7,013	59,152	0.1145	0.3354	0.1186	0.1450
361357 *		BLACKDUCK TEL CO	5,821	1,725	1,196	8,742	0.1292	0.2307	0.1368	0.1368
361362	87	BRIDGEWATER TEL CO	32,847	17,948	10,043	60,839	0.0719	0.2964	0.1651	0.2033
361370	87	CLARA CITY TEL EXCH	8,421	4,545	1,368	14,334	0.0925	0.2805	0.0955	0.1187
361373 *		CONSOLIDATED TEL CO	26,819	7,948	5,509	40,276	0.1292	0.2196	0.1368	0.1368
361140	87	CONTEL OF MINNESOTA	745,343	268,265	104,578	1,118,187	0.0935	0.2187	0.0935	0.1469
361499 *		CROSSLAKE TEL CO	5,199	1,541	1,068	7,808	0.1292	0.3207	0.1368	0.1368
361379	87	DEER RIVER TEL CO	12,945	2,736	1,602	17,282	0.0927	0.2265	0.0927	0.1182
361383 *		EAGLE VALLEY TEL CO	2,404	713	494	3,611	0.1292	0.1677	0.1368	0.1368
361385	87	EAST OTTER TAIL TEL	84,568	20,509	11,606	116,683	0.0995	0.2667	0.0995	0.1348
361387 *		EMILY COOP TEL CO	3,985	1,181	819	5,985	0.1292	0.2232	0.1368	0.1368
361395	87	GARDEN VALLEY TEL CO	93,259	34,396	13,263	140,918	0.0941	0.2383	0.0941	0.1375
361399 *		GRANADA TEL CO	1,055	313	217	1,584	0.1292	0.1765	0.1368	0.1368
361401 *		HALSTAD TEL CO	14,685	4,352	3,016	22,053	0.1292	0.2685	0.1368	0.1368

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 1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

F	Y	C	L	S	I	T	I	I	I	W
CODE	EAR	CARRIER	OC	TE	DEM	OT	SLU	SPF	DEM	DEM
361410	87	JOHNSON TEL CO	5,417	2,370	1,056	8,843	0.1183	0.2982	0.1194	0.1523
361414	87	LAKEDALE TEL CO	45,592	28,792	7,022	81,405	0.0878	0.1916	0.0863	0.1127
361425 *		MADELIA TEL CO	7,616	2,257	1,564	11,438	0.1292	0.2090	0.1368	0.1368
361433	87	MID STATE TEL CO	41,421	12,985	4,713	59,118	0.0797	0.2048	0.0797	0.1078
361442	87	NEW ULM TELECOM, INC	63,222	20,963	12,188	96,374	0.1101	0.2579	0.1265	0.1802
361443	87	NORMAN COUNTY TEL CO	31,886	6,061	5,336	43,282	0.1214	0.2453	0.1233	0.1656
361445 *		NORTHLAND TEL CO	3,276	971	673	4,920	0.1292	0.2106	0.1368	0.1368
361451	87	PAUL BUNYAN RURAL	39,453	10,755	5,754	55,962	0.1028	0.2380	0.1028	0.1492
361482 *		SHERBURNE CTY RURAL	25,682	7,612	5,275	38,569	0.1292	0.1879	0.1368	0.1368
361483	87	SLEEPY EYE TEL CO	35,942	15,330	4,511	55,783	0.0654	0.1893	0.0809	0.1103
361487 *		STARBUCK TEL CO	4,695	1,391	964	7,050	0.1292	0.2528	0.1368	0.1368
361491 +		TWIN VALLEY-ULEN TEL	25,839	6,542	2,983	35,364	0.0844	0.2181	0.0844	0.1382
280446	87	BAY SPRINGS TEL CO	107,176	16,781	9,714	133,671	0.0727	0.2098	0.0727	0.1301
280451 *		DECATUR TEL CO -MS	6,960	2,063	1,430	10,452	0.1292	0.1555	0.1368	0.1368
280452	87	DELTA TEL CO	30,516	4,591	3,429	38,537	0.0890	0.2645	0.0890	0.1611
280454	87	FRANKLIN TEL CO - MS	70,214	10,639	8,490	89,342	0.0951	0.2181	0.0950	0.1589
280458	87	HOME TEL CO-OLIVE BR	97,655	8,405	24,643	130,703	0.1887	0.5109	0.1885	0.2880
280459	87	HUGHES TEL CO	70,524	5,302	7,315	83,142	0.0880	0.1983	0.0880	0.1279
280464	87	NOXAPATER TEL CO	14,005	1,281	1,173	16,459	0.0713	0.1954	0.0713	0.1373
280466 *		SLEDGE TEL CO	3,206	950	658	4,814	0.1292	0.2628	0.1368	0.1368
280461	87	SOUTHEAST MS TEL CO	9,736	3,511	2,631	15,878	0.1663	0.4292	0.1657	0.2352
421885	87	ALLTEL MISSOURI	187,544	62,367	34,034	283,945	0.1199	0.2430	0.1199	0.1681
421859	87	BOURBEUSE TEL	8,823	5,400	1,740	15,963	0.1090	0.2728	0.1090	0.1313
421865	87	CITIZENS TEL CO - MO	15,268	10,967	4,678	30,913	0.1523	0.2392	0.1513	0.1849
421922	87	CONTEL OF MISSOURI	896,698	492,697	237,152	1,626,547	0.1426	0.2758	0.1458	0.1791
421846	87	CONTINENTAL SYS. -MO	335,632	97,079	57,201	489,912	0.1168	0.3189	0.1168	0.1841
421873	87	EASTERN MISSOURI TEL	13,624	8,621	2,346	24,591	0.0945	0.2012	0.0954	0.1199
421882	87	FIDELITY TEL CO	72,386	27,295	12,044	111,725	0.1078	0.2226	0.1078	0.1433
421886	87	GOODMAN TEL CO	6,784	4,392	2,771	13,947	0.1987	0.4007	0.1987	0.2333
421888	87	GRAND RIVER MUT-MO	103,794	26,844	14,057	144,695	0.0971	0.2461	0.0971	0.1385
421929	87	HOLWAY TEL CO	4,529	1,656	612	6,797	0.0900	0.2779	0.0900	0.1516
421901	87	KINGDOM TELEPHONE CO	14,755	11,493	3,359	29,607	0.1135	0.3711	0.1135	0.1579
421932	87	LATHROP TEL COMPANY	7,706	3,771	1,461	12,938	0.1129	0.2009	0.1129	0.1544
421908	87	LE-RU TELEPHONE CO	5,019	2,367	2,276	9,662	0.2356	0.4502	0.2356	0.3280
421917 *		MID-MISSOURI TEL CO	14,783	4,381	3,036	22,200	0.1292	0.1954	0.1368	0.1368
421920 *		MILLER TEL CO - MO	4,886	1,448	1,004	7,337	0.1292	0.2733	0.1368	0.1368
421904	87	MISSOURI TEL CO	126,304	32,968	19,825	179,097	0.1109	0.2317	0.1107	0.1745
421807	87	MOKAN DIAL INC-MO	4,108	2,178	758	7,044	0.1076	0.2417	0.1076	0.1605
421931	87	NE MISSOURI RURAL	25,513	7,936	4,758	38,206	0.1245	0.2810	0.1245	0.1963
421934	87	ORCHARD FARM TEL CO	1,932	4,384	557	6,874	0.0811	0.2482	0.0811	0.0963
421945 *		SENECA TEL CO	20,515	6,080	4,214	30,809	0.1292	0.3408	0.1368	0.1368
421951	87	STOUTLAND TEL CO	6,477	2,611	914	10,002	0.0914	0.2774	0.0914	0.1442
421963	87	WEBSTER COUNTY TEL	34,294	11,937	5,839	52,070	0.1112	0.3439	0.1121	0.1628
421964 *		WHEELING TEL CO	1,787	530	367	2,683	0.1292	0.1824	0.1368	0.1368
482235	87	BLACKFOOT TEL COOP	22,949	16,546	8,602	48,097	0.1788	0.4764	0.1788	0.2164
482242	87	INTERBEL TEL COOP	5,961	1,192	1,715	8,869	0.1934	0.5215	0.1934	0.2586
482244	87	LINCOLN TEL CO INC	2,816	1,670	805	5,291	0.1522	0.4757	0.1522	0.1919
482246	87	MID-RIVERS TEL COOP	47,238	18,253	8,776	74,267	0.1182	0.3167	0.1182	0.1680
482247	87	NEMONT TEL COOP-MT	8,571	7,198	4,163	19,932	0.2142	0.3731	0.2089	0.2330
482248	87	NORTHERN TEL COOP	7,104	4,964	2,760	14,828	0.1862	0.4831	0.1862	0.2269
482249	87	NW TEL SYSTEMS, INC.	199,762	82,012	81,996	363,770	0.2129	0.4158	0.2254	0.2992
482250	87	PROJECT TEL CO	12,418	7,215	3,931	23,565	0.1668	0.3663	0.1668	0.2092
482251	87	RANGE TEL COOP-MT	19,244	7,570	5,433	32,247	0.1685	0.4388	0.1685	0.2334
482254	87	SOUTHERN MONTANA TEL	2,171	2,037	1,413	5,620	0.2513	0.6929	0.2513	0.2942
482255	87	THREE-RIVERS TEL COOP	45,095	22,564	12,397	80,056	0.1549	0.4287	0.1549	0.1958
482257	87	TRIANGLE TEL COOP	58,389	25,697	11,455	95,541	0.1199	0.3254	0.1199	0.1591
482258	87	VALLEY RURAL TEL	3,559	2,039	782	6,380	0.1225	0.7135	0.1225	0.1560
371516	87	ARAPAHOE TEL CO	6,995	2,453	1,008	10,457	0.0964	0.3093	0.0964	0.1765
371517	87	ARLINGTON TEL CO	6,028	3,558	1,221	10,807	0.1184	0.2887	0.1130	0.1650
372455	87	BENKELMAN TEL CO	7,831	1,664	1,821	11,317	0.1609	0.3919	0.1609	0.2473
371524	87	BLAIR TEL CO	43,891	14,248	9,018	67,157	0.1343	0.3083	0.1343	0.1732
371531 *		CLARKS TEL CO	4,441	1,316	912	6,669	0.1292	0.0000	0.1368	0.1368
371530 *		CONSOLIDATED TELCO	10,106	2,995	2,076	15,176	0.1292	0.2397	0.1368	0.1368
371534	87	COZAD TEL CO	15,853	6,336	2,844	25,033	0.1136	0.3107	0.1136	0.1663
371536	87	CURTIS TEL CO	5,239	2,267	915	8,421	0.1087	0.1944	0.1087	0.1431
371537	87	DALTON TEL CO, INC	6,870	3,796	2,564	13,230	0.1882	0.4359	0.1938	0.2722
371540	87	DILLER TEL CO	5,173	2,477	906	8,557	0.1059	0.3023	0.1059	0.1522

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1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
371542	87	EASTERN NEBRASKA TEL	16,235	6,482	3,811	26,527	0.1436	0.3365	0.1436	0.1879
371553 *		GLENWOOD TEL MEMBER	14,245	4,222	2,926	21,393	0.1292	0.2008	0.1368	0.1368
371577	87	GREAT PLAINS COMMUN	164,480	66,205	37,472	268,157	0.1397	0.2730	0.1397	0.2118
371557	87	HARTMAN TEL EXCH INC	2,807	951	1,023	4,781	0.2140	0.4620	0.2140	0.3203
371558	87	HEMINGFORD COOP TEL	8,609	1,097	1,018	10,723	0.0949	0.2817	0.0949	0.1586
371561 *		HERSHEY COOP TEL CO	6,190	1,835	1,271	9,296	0.1292	0.2922	0.1368	0.1368
371565 *		K & M TEL CO, INC	3,704	1,098	761	5,563	0.1292	0.2016	0.1368	0.1368
371567	87	KEYSTONE-ARTHUR TEL	971	1,011	567	2,550	0.2409	0.5635	0.2225	0.2463
371574	87	NEBRASKA CENTRAL TEL	22,578	8,383	2,719	33,679	0.0807	0.2571	0.0807	0.1236
371576 *		NORTHEAST NEBRASKA	24,343	7,215	5,000	36,558	0.1292	0.2405	0.1368	0.1368
371580	87	PETERSBURG TEL CO	2,351	1,439	268	4,058	0.0661	0.2284	0.0661	0.0844
371581 *		PIERCE TEL CO	7,467	2,213	1,534	11,214	0.1292	0.1839	0.1368	0.1368
371586	87	ROCK COUNTY TEL CO	7,381	2,887	1,367	11,636	0.1170	0.2824	0.1175	0.1841
371587 *		RODEO TEL, INC	14,369	4,259	2,951	21,578	0.1292	0.1842	0.1368	0.1368
371591	87	SE NEBRASKA TEL CO	33,181	4,758	7,512	45,451	0.1653	0.3063	0.1653	0.2044
371592	87	STANTON TEL CO, INC	7,960	2,777	995	11,732	0.0848	0.1965	0.0848	0.1284
371525	87	THREE RIVER TELCO	7,526	3,010	1,642	12,177	0.1348	0.3630	0.1348	0.1951
371597	87	WAUNETA TEL CO	3,587	1,610	920	6,116	0.1505	0.3480	0.1505	0.1929
552304	87	C P NATIONAL-NV	55,951	18,774	33,600	108,325	0.3063	0.6775	0.3102	0.3896
552349	87	CHURCHILL COUNTY TEL	61,561	9,419	20,956	91,935	0.2279	0.5470	0.2279	0.3004
552302	87	CONTEL OF CALIF-NV	102,721	31,712	70,869	205,302	0.3054	0.6850	0.3452	0.4097
552223	87	GEM STATE UTIL-NV	1,509	437	661	2,606	0.2537	0.5780	0.2537	0.3240
552351	87	LINCOLN CTY TEL SYS	7,200	3,926	3,320	14,446	0.2298	0.5709	0.2298	0.3048
552353	87	MOAPA VALLEY TEL CO.	12,729	3,721	4,307	20,757	0.2075	0.6200	0.2075	0.3176
552354	87	NEVADA TEL-TELEGRAPH	12,895	5,089	7,800	25,783	0.3042	0.7000	0.3025	0.3849
552356	87	RIO VIRGIN TEL CO	5,406	1,029	4,126	10,561	0.3907	0.3250	0.3907	0.4835
552233	87	RURAL TEL CO - NV	220	368	341	929	0.3670	0.7000	0.3670	0.3932
120038	87	BRETTON WOODS TEL CO	141	376	624	1,141	0.5470	0.7500	0.5470	0.5881
120041	87	CONTEL OF NH	48,849	20,173	25,008	94,030	0.2629	0.5542	0.2660	0.3195
120039	87	GRANITE STATE TEL	32,180	15,258	16,043	63,481	0.2527	0.4172	0.2527	0.3195
120045	87	KEARSARGE TEL CO	19,927	15,937	13,321	49,185	0.2662	0.5978	0.2708	0.3194
120046	87	MERIDEN TEL CO	1,623	829	1,514	3,967	0.3817	0.7300	0.3817	0.4966
120047	87	MERRIMAK COUNTY TEL	45,695	19,215	14,920	79,830	0.1829	0.4968	0.1869	0.2360
120049	87	UNION TEL CO	11,729	9,168	8,330	29,227	0.2850	0.7400	0.2850	0.3413
120050	87	WILTON TEL CO - NH	13,323	6,355	6,619	26,297	0.2301	0.7200	0.2517	0.3029
160135	87	WARWICK VALLEY-NJ	32,328	43,068	16,045	91,441	0.1757	0.3534	0.1755	0.2025
492259	87	BACA VALLEY TEL CO	3,286	1,358	1,166	5,811	0.2007	0.5777	0.2007	0.2547
492177	87	CONTEL OF WEST - NM	167,947	101,139	73,794	342,881	0.1699	0.3936	0.2152	0.2152
492066	87	DELL TEL CO-OP - NM	1,062	476	540	2,078	0.2600	0.7000	0.2600	0.3283
492262	87	ENMR TEL COOP INC-NM	66,558	14,491	18,768	99,817	0.1880	0.3774	0.1880	0.2384
492263	87	LA JICARITA RURAL	15,844	3,356	1,687	20,887	0.0808	0.2565	0.0808	0.1301
492264	87	LEACO RURAL TEL COOP	4,159	3,220	2,297	9,676	0.2454	0.5157	0.2374	0.2817
492275	87	NAVAJO COMMUN - NM	13,536	8,028	8,713	30,278	0.2878	0.6676	0.2878	0.3553
492270	87	PENASCO VALLEY TEL	11,632	5,495	3,437	20,563	0.1764	0.5233	0.1671	0.2029
492272	87	ROOSEVELT CNTY RURAL	13,236	3,708	3,187	20,130	0.1583	0.3346	0.1583	0.2317
492274	87	UNIVERSAL TEL OF SW	17,700	7,754	5,487	30,941	0.1773	0.4301	0.1773	0.2621
492176	87	VALLEY TEL COOP - NM	6,744	2,050	3,177	11,971	0.2666	0.5413	0.2654	0.3814
492268	87	WESTERN NEW MEXICO	24,695	9,919	9,584	44,198	0.2168	0.4133	0.2168	0.2742
150106	87	ALLTEL NY-FULTON	125,729	16,955	13,547	156,231	0.0854	0.1996	0.0867	0.1174
150109	87	ALLTEL NY-JAMESTOWN	111,165	15,016	21,351	147,531	0.1419	0.2494	0.1447	0.1983
150113	87	ALLTEL NY-RED JACKET	4,723	1,865	578	7,166	0.0785	0.2195	0.0806	0.0952
150071	87	ARMSTRONG TEL CO-NY	16,321	7,238	4,207	27,766	0.1517	0.2457	0.1515	0.2167
150072	87	AU SABLE VALLEY TEL	25,261	4,175	6,109	35,545	0.1786	0.3096	0.1719	0.2167
150073 *		BERKSHIRE TEL CORP	33,128	9,818	6,805	49,751	0.1292	0.2544	0.1368	0.1368
150077	87	CHAMPLAIN TEL CO	29,403	9,947	8,997	48,348	0.1861	0.4678	0.1861	0.2410
150078	87	CHAUTAUQUA & ERIE	62,290	19,680	17,410	99,380	0.1681	0.3891	0.1752	0.2291
150079 *		CHAZY & WESTPORT	18,565	5,502	3,813	27,881	0.1292	0.3178	0.1368	0.1368
150081	87	CITIZENS HAMMOND NY	4,298	3,025	1,123	8,446	0.1329	0.2305	0.1329	0.1576
150082	87	CLYMER TEL CO	1,518	492	662	2,672	0.2417	0.4821	0.2479	0.3565
150085	87	CROWN POINT TEL CORP	4,107	2,225	1,062	7,394	0.1436	0.2632	0.1436	0.2050
150088 *		DELHI TEL CO	20,277	6,010	4,165	30,451	0.1292	0.2602	0.1368	0.1368
150091	87	DUNKIRK & FREDONIA	80,336	18,989	8,377	107,702	0.0749	0.2409	0.0778	0.1072
150092	87	EDWARDS TEL CO	9,412	6,290	1,345	17,047	0.0787	0.1980	0.0789	0.1141
150093	87	EMPIRE TEL CORP	26,769	20,129	8,300	55,198	0.1499	0.2604	0.1504	0.1877
150097	87	GERMANTOWN TEL CO	11,006	7,191	2,913	21,110	0.1380	0.2791	0.1380	0.1595
150099	87	HANCOCK TEL CO	7,846	3,118	2,436	13,400	0.1820	0.2925	0.1818	0.2511
150100	87	HIGHLAND TEL CO	434,650	227,982	150,113	812,745	0.1836	0.2910	0.1847	0.2800

TABLE 4.23 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
150104	*	MARGARETVILLE TEL CO	13,237	3,923	2,719	19,879	0.1292	0.2369	0.1368	0.1368
150105	87	MIDDLEBURGH TEL CO	25,029	16,676	4,858	46,563	0.1043	0.2160	0.1043	0.1249
150107	*	NEWPORT TEL CO	11,307	3,351	2,323	16,981	0.1292	0.1728	0.1368	0.1368
150108	87	NICHOLVILLE TEL CO	11,085	5,299	2,273	18,657	0.1221	0.2133	0.1218	0.1584
150110	87	OGDEN TEL CO	218,425	23,881	18,224	260,531	0.0698	0.2009	0.0700	0.1037
150111	*	ONEIDA COUNTY RURAL	15,659	4,641	3,216	23,516	0.1292	0.1668	0.1368	0.1368
150118	*	PORT BYRON TEL CO	9,899	2,934	2,033	14,866	0.1292	0.1768	0.1368	0.1368
150119	87	RED HOOK TEL CO	95,328	44,703	21,691	161,723	0.1334	0.2853	0.1341	0.1761
150122	87	SENECA-GORHAM TEL	41,243	30,924	8,642	80,810	0.1019	0.2139	0.1069	0.1306
150128	87	SYLVAN LAKE TEL CO	156,317	53,274	33,461	243,052	0.1377	0.2788	0.1377	0.1839
150084	87	TACONIC TEL CORP	106,361	52,559	31,842	190,762	0.1669	0.3441	0.1669	0.2194
150133	87	VERNON TEL CO	16,682	5,937	2,580	25,199	0.1024	0.2571	0.1024	0.1336
150135	87	WARWICK VALLEY-NY	69,254	40,269	27,516	137,039	0.2014	0.3534	0.2008	0.2483
150136	87	WESTERN COUNTRIES TEL	144,796	65,677	31,349	241,822	0.1295	0.2432	0.1296	0.1859
230476	87	ALLTEL CAROLINA-NO	1,065,995	192,683	152,775	1,411,453	0.1077	0.2136	0.1082	0.1525
230468	87	ATLANTIC MEMBERSHIP	145,947	27,941	22,585	196,473	0.1145	0.2271	0.1150	0.1634
230469	87	BARNARDSVILLE TEL CO	7,206	2,384	681	10,271	0.0667	0.2108	0.0663	0.1110
230473	87	CITIZENS TEL CO	145,117	20,041	23,838	188,996	0.1269	0.2487	0.1261	0.1752
230474	87	CONCORD TEL CO	858,581	113,626	95,793	1,068,000	0.0854	0.1709	0.0897	0.1186
230509	87	CONTEL OF NC	920,035	150,692	162,368	1,233,096	0.1250	0.2783	0.1317	0.2181
230481	87	HEINS TEL CO	280,641	53,739	35,215	369,595	0.0904	0.2156	0.0953	0.1584
230502	87	STAR MEMBERSHIP CORP	141,042	27,593	12,276	180,912	0.0679	0.1543	0.0679	0.1167
230510	87	WILKES MEMBERSHIP	107,253	9,723	4,825	121,800	0.0381	0.1258	0.0396	0.0626
381604	*	BEK TEL MUTUAL AID	23,254	6,892	4,776	34,922	0.1292	0.1998	0.1368	0.1368
381607	87	CONSOLIDATED COOP	38,258	8,018	6,039	52,315	0.1154	0.3192	0.1154	0.1683
381447	87	CONTEL OF N. DAKOTA	59,325	22,701	15,136	97,162	0.1094	0.2807	0.1558	0.1745
381610	*	DAKOTA CENTRAL RURAL	16,032	4,752	3,293	24,077	0.1292	0.2295	0.1368	0.1368
381611	*	DICKEY RURAL COOP	20,924	6,201	4,298	31,424	0.1292	0.2460	0.1368	0.1368
381616	87	INTER-COMMUNITY TEL	9,124	3,710	1,716	14,549	0.1179	0.2230	0.1179	0.1522
381617	87	MIDSTATE TEL CO	7,875	3,368	2,468	13,711	0.1800	0.3911	0.1800	0.2425
381625	*	NORTHWEST COMM COOP	23,886	7,079	4,906	35,872	0.1292	0.3465	0.1368	0.1368
381630	87	POLAR COMM MUT AID	82,052	17,427	12,559	112,038	0.1121	0.2470	0.1121	0.1647
381632	87	RESERVATION TEL COOP	35,863	10,170	6,079	52,112	0.1230	0.3241	0.1167	0.1683
381634	87	SOURIS RIVER TEL MUT	88,639	25,695	27,816	142,150	0.1973	0.4029	0.1957	0.2587
381636	*	UNITED TEL MUTUAL	31,163	9,236	6,401	46,800	0.1292	0.2355	0.1368	0.1368
381637	87	W. RIVER MUTUAL AID	80,182	20,232	14,747	115,160	0.1281	0.3463	0.1281	0.1938
300665	87	ALLTEL OHIO-WEST OH	143,921	50,235	20,223	214,379	0.0943	0.2139	0.0943	0.1429
300682	87	C, C & S TELCO -OHIO	2,147	3,249	768	6,164	0.1903	0.2728	0.1245	0.2771
300597	87	CHILLICOTHE TEL	344,674	47,255	31,312	423,242	0.0621	0.1644	0.0740	0.1137
300607	87	CONTEL OF OHIO	15,861	3,994	143	19,998	0.0679	0.1840	0.0072	0.1030
300613	87	LITTLE MIAMI COMM.	9,604	2,997	1,048	13,649	0.0767	0.1752	0.0767	0.1003
300649	*	ORWELL TEL CO	29,953	8,877	6,152	44,983	0.1292	0.2195	0.1368	0.1368
431965	87	ALLTEL OKLAHOMA INC	77,127	45,763	17,197	140,086	0.1228	0.3213	0.1228	0.1582
431974	87	CANADIAN VALLEY TEL	3,587	2,580	973	7,140	0.1362	0.3490	0.1362	0.1831
431976	87	CARNEGIE TEL CO INC	11,055	4,931	2,006	17,992	0.1115	0.2655	0.1115	0.1543
431977	*	CENTRAL OKLAHOMA TEL	12,131	3,595	2,492	18,218	0.1292	0.2048	0.1368	0.1368
431979	87	CHEROKEE TEL CO	32,049	10,478	10,711	53,238	0.2011	0.3830	0.2012	0.2544
431980	87	CHICKASAW TEL CO	50,457	28,436	8,986	87,878	0.1024	0.3109	0.1023	0.1373
431981	87	CHOUTEAU TEL CO	15,426	8,338	3,338	27,102	0.1193	0.3012	0.1232	0.1422
431985	87	CROSS TEL CO	51,036	23,940	8,558	83,533	0.1024	0.2718	0.1024	0.1573
431988	87	DOBSON TEL CO	34,506	12,165	6,052	52,723	0.1148	0.3685	0.1148	0.1768
431994	87	GRAND TEL CO INC	16,530	7,787	3,895	28,211	0.1383	0.4319	0.1381	0.1900
431995	87	HINTON TEL CO	21,134	10,726	3,442	35,303	0.0975	0.2253	0.0975	0.1240
431788	87	KANOKLA TEL ASSN-OK	7,292	3,844	2,252	13,388	0.1682	0.3363	0.1682	0.2286
432006	87	MLOUD TEL CO	117,368	16,998	6,778	141,144	0.0480	0.2039	0.0480	0.0647
432010	87	MID-AMERICA TEL INC	7,697	6,026	1,489	15,212	0.0979	0.3144	0.0979	0.1371
432011	87	OKLAHOMA ALLTEL, INC	94,600	33,764	21,743	150,108	0.1448	0.3070	0.1448	0.2059
431984	87	OKLAHOMA COMM SYSTEM	113,284	46,332	17,835	177,450	0.1004	0.2400	0.1005	0.1218
432013	87	OKLAHOMA TEL & TEL	10,335	6,418	2,299	19,052	0.1207	0.2764	0.1207	0.2526
432014	87	OKLAHOMA WESTERN TEL	14,008	7,657	3,563	25,228	0.1412	0.3646	0.1412	0.1913
432016	87	PANHANDLE TEL COOP	23,819	12,755	12,732	49,305	0.2582	0.5262	0.2582	0.3174
432018	87	PIONEER TEL COOP INC	282,654	122,264	41,735	446,653	0.0931	0.2703	0.0934	0.2286
432020	87	POTTAWATOMIE TEL CO	10,423	7,402	2,097	19,921	0.0954	0.2559	0.1052	0.1392
432141	*	SANTA ROSA TEL COOP	5,567	1,650	1,143	8,360	0.1292	0.3192	0.1368	0.1368
431831	87	S. CENTRAL TEL - OK	2,026	1,139	813	3,978	0.2043	0.3931	0.2043	0.2784
432030	87	TOTAH TELEPHONE CO	6,615	9,132	2,736	18,483	0.1480	0.3257	0.1480	0.1949
432032	87	VALLIANT TEL CO	15,846	4,649	2,993	23,488	0.1274	0.3318	0.1274	0.1553

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
432034	87	WYANDOTTE TEL CO	2,032	1,357	1,134	4,523	0.2508	0.6543	0.2508	0.3286
532404	87	ASOTIN TEL - OR	151	160	185	497	0.3731	0.7500	0.3731	0.4506
532359	87	BEAVER CREEK COOP	37,320	9,277	5,117	51,713	0.0989	0.2550	0.0989	0.1157
532304	87	C P NATIONAL CORP-OR	50,874	32,778	19,970	103,622	0.1919	0.4449	0.1927	0.2444
532362	87	CANBY TEL ASSN	56,015	26,972	9,108	92,095	0.0989	0.2872	0.0989	0.1261
532371	87	CASCADE UTIL INC	62,083	18,764	9,325	90,172	0.1034	0.3035	0.1034	0.1450
532363	87	CLEAR CREEK MUTUAL	31,907	7,366	4,269	43,541	0.0980	0.2526	0.0980	0.1305
532364	87	COLTON TEL CO	7,286	3,453	1,337	12,076	0.1107	0.3132	0.1107	0.1460
532449	87	CONTEL OF THE NW- OR	166,016	138,518	66,278	370,812	0.1275	0.2949	0.1787	0.1787
532376	87	HELIX TEL CO.	665	847	368	1,880	0.1960	0.4147	0.1960	0.2217
532377	87	HOME TELEPHONE CO	2,848	1,572	545	4,965	0.1098	0.3162	0.1098	0.1625
532456	87	MALHEUR HOME TEL CO	107,566	13,359	31,788	152,713	0.2082	0.3484	0.2082	0.2315
532226	87	MIDVALE TEL EXCH -OR	1,992	753	382	3,127	0.1223	0.3030	0.1223	0.1961
532383	87	MOLALLA TEL CO.	34,787	15,819	5,097	55,702	0.0915	0.2576	0.0915	0.1195
532385	87	MONROE TELEPHONE CO.	3,117	2,745	747	6,608	0.1130	0.3825	0.1130	0.1453
532387	87	NEHALEM TEL & TEL	5,529	4,351	1,695	11,576	0.1465	0.4131	0.1465	0.1784
532388	87	NORTH STATE TEL CO.	1,497	1,455	506	3,457	0.1463	0.3291	0.1463	0.1746
532389	87	OREGON TEL CORP	6,032	5,544	2,053	13,629	0.1507	0.3782	0.1507	0.1972
532392	87	PINE TEL SYSTEM INC.	4,006	1,405	1,253	6,664	0.1880	0.2838	0.1880	0.2587
532393	87	PIONEER TEL COOP	56,957	23,878	13,098	93,933	0.1394	0.3740	0.1394	0.1836
532375	87	RTI/HALSEY TEL CO	2,054	4,612	2,825	9,491	0.2977	0.3856	0.2977	0.3392
532397	87	SCIO MUTUAL TEL ASSN	7,940	4,906	1,615	14,460	0.1117	0.2451	0.1117	0.1406
532399 *	87	STAYTON COOP TEL CO	35,921	10,646	7,378	53,945	0.1292	0.3024	0.1368	0.1368
532361	87	TEL UTIL OF OREGON	239,420	125,963	68,994	434,377	0.1518	0.3522	0.1588	0.2151
532378	87	TRANS-CASCADES TEL	577	352	212	1,141	0.1855	0.4460	0.1855	0.2599
170189	87	ARMSTRONG TEL CO-PA	9,159	7,488	2,226	18,874	0.1184	0.2235	0.1180	0.1414
170170	87	CONTEL OF PA	453,469	126,899	79,735	660,102	0.1117	0.2589	0.1208	0.1729
170177	87	LACKAWAXEN TEL CO	5,777	3,767	4,955	14,500	0.3418	0.6653	0.3418	0.3993
170192	87	NORTH PENN TEL CO	23,373	8,346	8,772	40,491	0.2162	0.3168	0.2166	0.3025
170194	87	OSWAYO RIVER TEL CO	11,211	2,670	4,021	17,902	0.2246	0.4157	0.2246	0.3280
170201	87	QUAKER STATE TEL CO	224,736	56,887	55,970	337,593	0.1628	0.2993	0.1658	0.2512
170206	87	SUGAR VALLEY TEL CO	4,903	2,252	1,175	8,330	0.1420	0.2583	0.1411	0.2091
170210 *	87	VENUS TEL CORP	5,257	1,558	1,080	7,895	0.1292	0.1382	0.1368	0.1368
633200	87	PUERTO RICO COMM	805,005	233,094	74,049	1,112,148	0.0666	0.2270	0.0666	0.0926
240512	87	BLUFFTON TEL. CO.	9,076	7,223	5,994	22,294	0.2722	0.5334	0.2689	0.3428
240526	87	CONTEL OF SC	188,147	22,312	27,917	238,376	0.1085	0.2778	0.1171	0.1599
240520	87	FARMERS TEL COOP	518,953	61,239	67,252	647,444	0.1032	0.2720	0.1039	0.1400
240523	87	HARGRAY TEL CO	179,058	38,706	116,160	333,924	0.3380	0.2897	0.3479	0.4173
240528	87	HORRY TEL COOP	319,001	52,368	66,927	438,296	0.1520	0.5961	0.1527	0.2002
240533	87	MCCLELLANVILLE TEL	8,228	3,617	1,775	13,620	0.1303	0.3036	0.1303	0.1979
240539	87	POND BRANCH TEL CO	70,905	17,286	8,177	96,368	0.0851	0.2061	0.0848	0.1214
240551	87	WILLISTON TEL CO	34,410	8,757	4,504	47,671	0.0925	0.2157	0.0945	0.1570
391645 *	87	BROOKINGS-LAKE TEL	18,726	5,550	3,846	28,122	0.1292	0.2817	0.1368	0.1368
391647	87	CHEYENNE RIVER SIOUX	20,686	4,180	3,236	28,101	0.1151	0.2869	0.1151	0.1646
391643	87	CONTEL OF S. DAKOTA	53,827	15,691	13,906	83,424	0.1667	0.3574	0.1667	0.2410
391659	87	GOLDEN WEST TELECOMM	94,168	23,142	22,314	139,625	0.1588	0.3665	0.1598	0.2193
391666	87	JEFFERSON TEL CO -SD	1,859	628	1,741	4,229	0.4118	0.7300	0.4118	0.5479
391667	87	KADOKA TELEPHONE CO	2,696	1,014	943	4,652	0.2027	0.6113	0.2027	0.3014
391668	87	KENNEBEC TEL CO	1,299	916	363	2,579	0.1409	0.2901	0.1409	0.1883
391669 *	87	MCCOOK COOP TEL CO	4,597	1,362	944	6,903	0.1292	0.2412	0.1368	0.1368
391670 *	87	MIDSTATE TEL COMPANY	16,739	4,961	3,438	25,138	0.1292	0.2245	0.1368	0.1368
391676 *	87	SANBORN TEL COOP	13,586	4,027	2,791	20,403	0.1292	0.2232	0.1368	0.1368
391680 *	87	SULLY BUTTES TEL	30,048	8,906	6,172	45,126	0.1292	0.2329	0.1368	0.1368
391689	87	WEST RIVER COOP	16,159	3,121	2,678	21,958	0.1221	0.3115	0.1219	0.1927
290552	87	ADAMSVILLE TEL CO	79,081	6,504	7,689	93,274	0.0807	0.2448	0.0824	0.1356
290571	87	MILLINGTON TEL CO	258,975	23,028	47,148	329,152	0.1450	0.3556	0.1432	0.1868
290575	87	TENNESSEE TEL CO	518,962	48,875	54,922	622,759	0.0792	0.1931	0.0882	0.1194
290579	87	TWIN LAKES TEL COOP	290,489	32,296	25,908	348,692	0.0743	0.1938	0.0743	0.1404
442121	87	ALLTEL TEXAS INC	20,405	8,605	2,769	31,779	0.0871	0.2545	0.0871	0.1241
442039	87	BIG BEND TEL CO INC	11,552	8,879	3,734	24,165	0.1545	0.3711	0.1545	0.1919
442040	87	BRAZORIA TEL CO	50,117	16,198	4,104	70,418	0.0587	0.1702	0.0583	0.0757
442041	87	BRAZOS TEL COOP INC	3,012	4,829	659	8,500	0.0776	0.1854	0.0776	0.0816
440425	87	CAMERON TEL CO TEXAS	4,378	3,009	515	7,902	0.0651	0.2353	0.0651	0.0949
442046	87	CAP ROCK TEL CO INC	13,745	9,144	1,697	24,585	0.0690	0.1884	0.0690	0.0946
442052	87	CENTRAL TEXAS CO-OP	22,230	10,197	1,733	34,160	0.0508	0.1703	0.0507	0.0786
442057 *	87	COLEMAN COUNTY CO-OP	4,852	1,438	997	7,286	0.1292	0.2136	0.1368	0.1368
442059	87	COLORADO VALLEY TEL	29,153	14,798	3,383	47,334	0.0715	0.1676	0.0715	0.0938

TABLE 4.23 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
442060	*	COMANCHE COUNTY TEL	11,720	3,473	2,407	17,600	0.1292	0.1512	0.1368	0.1368
442066		87 DELL TEL. CO-OP - TX	2,060	1,434	1,143	4,638	0.2465	0.4663	0.2465	0.3026
442262		87 E N M R TEL COOP-TX	6,673	1,375	821	8,869	0.0926	0.2891	0.0925	0.1276
442068		87 EASTEX TEL COOP INC	151,779	52,168	16,319	220,265	0.0740	0.2144	0.0741	0.1135
442070		87 ETEX TEL COOP INC	47,163	35,115	7,587	89,865	0.0844	0.1809	0.0844	0.0937
442071		87 FIVE AREA TEL CO-OP	12,071	5,368	2,211	19,651	0.1125	0.2616	0.1125	0.1522
442072		87 FORT BEND TEL CO	208,590	38,864	20,224	267,677	0.0760	0.2726	0.0756	0.1065
442076		87 GANADO TELEPHONE CO	7,968	4,933	715	13,616	0.0529	0.1457	0.0525	0.0688
442083		87 GUADALUPE VALLEY TEL	74,019	62,337	15,405	151,762	0.1016	0.2341	0.1015	0.1199
442086		87 HILL COUNTRY CO-OP	50,721	25,545	6,623	82,889	0.0799	0.2502	0.0799	0.1014
442093		87 INDUSTRY TEL CO	6,447	5,636	731	12,813	0.0583	0.1672	0.0570	0.0710
442097		87 KERRVILLE TEL CO	114,642	49,344	19,643	183,629	0.1046	0.3175	0.1070	0.1255
442103		87 LA WARD TEL EXCHANGE	2,399	3,675	563	6,638	0.0848	0.1872	0.0848	0.0971
442101		87 LAKE DALLAS TEL CO	17,546	25,194	9,517	52,256	0.1821	0.3482	0.1821	0.3482
442104		87 LAKE LIVINGSTON TEL	2,273	2,255	611	5,139	0.1189	0.3116	0.1189	0.1336
442109		87 LUFKIN-CONROE TEL EX	655,107	354,821	133,238	1,143,166	0.0777	0.2482	0.1166	0.1166
442112		87 MID-PLAINS RURAL TEL	14,151	9,323	2,073	25,546	0.0814	0.2096	0.0811	0.1108
442116		87 MUENSTER TEL CORP-TX	11,639	5,639	1,636	18,914	0.0874	0.2084	0.0865	0.1230
442117		87 MUSTANG TEL CO	6,244	9,125	3,402	18,770	0.1828	0.5954	0.1812	0.1761
442129		87 PEEPLES TELEPHONE CO	4,071	3,804	566	8,441	0.0670	0.1731	0.0670	0.0686
442130		87 PEOPLES TEL COOP -TX	44,936	23,735	5,955	74,626	0.0798	0.1841	0.0798	0.1049
442131		87 POKA-LAMBRO TEL COOP	22,936	13,004	2,154	38,094	0.0566	0.1668	0.0566	0.0854
442134		87 RIVIERA TEL CO INC	3,606	3,345	716	7,666	0.0934	0.2345	0.0934	0.1400
442136		87 ROMAIN TELEPHONE CO	5,899	3,038	1,373	10,310	0.1332	0.2788	0.1332	0.1932
442141	*	SANTA ROSA TEL COOP	4,454	1,320	915	6,688	0.1292	0.1911	0.1368	0.1368
442143	*	SOUTH PLAINS TEL	13,659	4,048	2,806	20,513	0.1292	0.1796	0.1368	0.1368
442135		87 SOUTHWEST TEXAS TEL	10,922	8,045	1,531	20,498	0.0749	0.2029	0.0747	0.0983
442147		87 SUGAR LAND TEL CO	362,288	41,920	65,978	470,186	0.1392	0.2930	0.1403	0.1602
442148		87 SWEENEY-OLD OCEAN	19,186	15,791	3,689	38,665	0.0957	0.2314	0.0954	0.1144
442151		87 TAYLOR TEL CO-OP INC	41,008	18,506	4,557	64,071	0.0712	0.1815	0.0711	0.1486
442153		87 TEXAS-MIDLAND TEL	49,334	40,072	8,369	97,775	0.0856	0.1955	0.0856	0.1225
442155		87 TRI - COUNTY TEL - TX	4,719	3,073	473	8,264	0.0572	0.1818	0.0572	0.0683
442156		87 TRINITY VALLEY TEL	40,623	16,376	4,954	61,953	0.0800	0.2454	0.0800	0.1100
442159		87 VALLEY TEL CO-OP -TX	27,302	18,039	2,577	47,918	0.0539	0.2013	0.0538	0.0776
442160		87 VALLEY VIEW TEL CO	3,317	4,522	1,067	8,906	0.1214	0.2333	0.1198	0.1351
442163		87 WATERWOOD COMM INC	228	1,054	369	1,651	0.2237	0.6263	0.2237	0.2024
442168		87 WES - TEX TEL CO-OP	28,228	11,519	2,360	42,107	0.0560	0.1734	0.0560	0.0849
442166		87 WEST TEXAS RURAL TEL	14,175	7,271	3,085	24,532	0.1258	0.3218	0.1258	0.1554
442170		87 XIT RURAL TEL CO-OP	5,363	3,687	2,895	11,946	0.2354	0.4209	0.2424	0.2684
502277		87 CENTRAL UTAH TEL INC	7,150	2,014	894	10,058	0.0889	0.2089	0.0889	0.1212
502177		87 CONTEL THE WEST - UT	125,521	59,177	68,837	253,535	0.1881	0.3575	0.2715	0.2715
502278		87 EMERY COUNTY FARMERS	26,638	6,587	2,686	35,911	0.0748	0.2603	0.0748	0.3930
502280		87 KAMAS-WOODLAND TEL	7,576	4,291	1,473	13,340	0.1104	0.2474	0.1104	0.1626
502275		87 NAVAJO COMMUN - UT	699	539	1,431	2,669	0.5363	0.7000	0.5363	0.6294
502283	*	SKYLINE TELECOM	2,283	677	469	3,429	0.1292	0.1707	0.1368	0.1368
502286		87 SOUTH CENTRAL UTAH	16,466	4,614	4,385	25,466	0.1722	0.4022	0.1722	0.2381
502287		87 UINTAH BASIN TEL	18,317	8,729	3,719	30,765	0.1209	0.2907	0.1209	0.1652
502288		87 UT-WY TELECOM	9,067	956	855	10,877	0.0786	0.5146	0.0786	0.1486
140070		87 CONTEL OF VERMONT	179,724	66,487	81,767	327,978	0.2374	0.4884	0.2493	0.3128
140058		87 LUDLOW TEL CO	11,190	5,661	6,350	23,202	0.2710	0.4470	0.2737	0.3341
140061		87 NORTHFIELD TEL CO	14,329	6,493	8,229	29,051	0.2721	0.6143	0.2833	0.3476
140062		87 PERKINSVILLE TEL CO	2,303	2,199	1,724	6,225	0.2769	0.4708	0.2769	0.3358
140068		87 TOPSHAM TEL CO	5,919	2,133	2,150	10,201	0.2107	0.3607	0.2107	0.2693
140069		87 WAITSFIELD/FAYSTON	19,259	6,281	10,446	35,986	0.2732	0.6700	0.2903	0.3444
643300		87 VIRGIN ISLANDS TEL	1,005,897	0	277,075	1,282,972	0.1584	0.4101	0.2160	0.2160
190217		87 AMELIA TEL CORP	27,098	8,880	3,382	39,361	0.0864	0.1844	0.0859	0.1272
190249		87 ROANOKE & BOTETOURT	73,399	20,407	12,678	106,484	0.1211	0.2359	0.1191	0.1591
522404		87 ASOTIN TEL - WA	8,185	934	1,274	10,393	0.1226	0.2682	0.1226	0.2209
522449		87 CONTEL OF THE NU-WA	374,554	235,182	134,900	744,636	0.1358	0.3104	0.1812	0.1812
522410		87 COWICHE TELEPHONE CO	6,721	5,843	1,481	14,045	0.1057	0.2912	0.1054	0.1278
522412		87 ELLENSBURG TEL CO	109,213	34,514	20,605	164,332	0.1254	0.2855	0.1254	0.1791
522417		87 HAT ISLAND TEL CO	0	0	0	0	0.0000	0.2728	0.0000	0.0000
522419		87 HOOD CANAL TEL CO	1,440	2,388	926	4,754	0.1947	0.4136	0.1947	0.2197
522423		87 INLAND TEL CO -WA	7,998	3,171	1,863	13,031	0.1429	0.3327	0.1429	0.1945
522426		87 KALAMA TEL CO	7,603	5,866	3,051	16,521	0.1672	0.4248	0.1847	0.2233
522427		87 LEWIS RIVER TEL CO	10,803	9,093	5,540	25,435	0.2178	0.3929	0.2178	0.2611
522431		87 MASHELL TEL CO INC	7,214	8,188	2,241	17,643	0.1270	0.2755	0.1270	0.1490



TABLE 4.23 A

1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
522436	87	PENINSULA TELECOMM	29,064	14,804	8,169	52,036	0.1582	0.3241	0.1570	0.1996
522437	87	PIONEER TEL CO	4,002	2,276	866	7,144	0.1212	0.2919	0.1212	0.1534
522442	87	ST JOHN TEL CO	2,072	2,167	771	5,010	0.1539	0.2418	0.1539	0.1821
522408	87	TEL UTIL OF WA INC	463,087	281,879	131,715	876,681	0.1485	0.3914	0.1502	0.1978
522446	87	TENINO TELEPHONE CO	10,667	8,871	2,990	22,529	0.1309	0.2390	0.1327	0.1614
522447	87	TOLEDO TELEPHONE CO	9,306	5,068	2,386	16,760	0.1424	0.2373	0.1424	0.1932
522451	87	WESTERN WAHAKIUM	5,359	2,567	1,205	9,131	0.1320	0.2934	0.1320	0.1875
522452	87	WHIDBEY TEL CO.	42,111	17,074	6,020	65,204	0.0880	0.2913	0.0923	0.1334
522453	87	YELM TELEPHONE CO	35,942	21,572	6,928	64,442	0.1058	0.2769	0.1075	0.1331
200278	87	CONTEL OF WV	275,753	56,131	46,271	378,156	0.1162	0.2309	0.1224	0.1845
200259	87	HARDY TEL CO	18,773	1,440	2,975	23,187	0.1283	0.2520	0.1283	0.2298
200270	87	MOUNTAIN STATE TEL	230,182	40,463	29,780	300,425	0.0985	0.2269	0.0991	0.1563
330842 *		AMERY TEL CO	48,501	14,375	9,962	72,838	0.1292	0.2825	0.1368	0.1368
330843 *		AMHERST TEL CO	16,403	4,861	3,369	24,633	0.1292	0.2058	0.1368	0.1368
330844	87	BADGER TELECOM, INC.	35,661	8,232	3,609	47,502	0.0764	0.1707	0.0760	0.1142
330925 *		BAYLAND TEL CO	6,145	1,821	1,262	9,228	0.1292	0.1566	0.1368	0.1368
330851	87	BONDUEL TEL CO	2,554	4,674	885	8,113	0.0047	0.1363	0.1091	0.1222
330855 *		BRUCE TEL CO, INC	9,540	2,828	1,960	14,327	0.1292	0.2748	0.1368	0.1368
330856	87	BURLINGTON B&W	11,902	8,952	4,867	25,721	0.0468	0.2925	0.1892	0.2310
330857 *		CASCO TEL CO	2,660	788	546	3,995	0.1292	0.1245	0.1368	0.1368
330841	87	CENCOM OF WISCONSIN	142,398	40,605	20,297	203,300	0.1014	0.2427	0.0998	0.1496
330859	87	CENTRAL STATE TEL CO	48,244	16,436	6,488	71,167	0.0912	0.2142	0.0912	0.1328
330895	87	CENTURY OF WISCONSIN	425,449	62,850	73,086	561,385	0.1523	0.2593	0.1302	0.2055
330860	87	CHEQUAMEGON TEL COOP	21,900	8,591	7,113	37,604	0.1888	0.3825	0.1892	0.2308
330861 *		CHIBARDUN TEL COOP	25,345	7,512	5,206	38,063	0.1292	0.2108	0.1368	0.1368
330870	87	CRANDON TEL CO	14,262	4,446	1,886	20,595	0.0917	0.1943	0.0916	0.1318
330876	87	DODGE COUNTY TEL CO	6,123	2,610	400	9,133	0.0446	0.1375	0.0438	0.0869
330914	87	EASTCOAST TELECOM	27,670	6,733	2,117	36,520	0.0570	0.2088	0.0580	0.1315
330882	87	FENNIMORE TEL CO	11,541	4,754	1,484	17,780	0.0851	0.2362	0.0835	0.1416
330883	87	FOOTVILLE TEL CO	9,204	1,257	695	11,156	0.0658	0.1805	0.0623	0.1168
330888	87	GREENWOOD TEL CO	12,816	2,552	970	16,337	0.0599	0.1788	0.0594	0.1275
330889 *		HAGER TELECOM INC.	14,605	4,329	3,000	21,933	0.1292	0.2728	0.1368	0.1368
330891	87	HEADWATERS TEL CO	13,007	5,528	2,949	21,484	0.1375	0.3058	0.1373	0.2100
330892 *		HILLSBORO TEL CO	6,011	1,781	1,235	9,027	0.1292	0.1628	0.1368	0.1368
330936	87	INDIANHEAD TEL CO	7,513	3,465	1,727	12,705	0.1358	0.3561	0.1359	0.2190
330858 *		LAKESHORE TEL CO	4,027	1,193	827	6,047	0.1292	0.1940	0.1368	0.1368
330898	87	LARSEN-READFIELD TEL	13,817	4,971	1,117	19,906	0.0562	0.1653	0.0561	0.0792
330900 *		LEMONWEIR VALLEY TEL	19,223	5,697	3,949	28,869	0.1292	0.3297	0.1368	0.1368
330905 *		MANAWA TEL CO	7,414	2,197	1,523	11,134	0.1292	0.1887	0.1368	0.1368
330908	87	MARQUETTE-ADAMS COOP	11,960	5,927	6,672	24,560	0.2717	0.4874	0.2717	0.3659
330909	87	MIDWAY TEL CO	52,178	13,505	8,822	74,506	0.0844	0.2140	0.1184	0.1547
330910 *		MILLTOWN MUTUAL TEL	16,949	5,023	3,481	25,453	0.1292	0.2782	0.1368	0.1368
330913	87	MONROE COUNTY TEL CO	67,783	18,394	16,240	102,418	0.1470	0.2965	0.1586	0.2108
330916	87	MOUNT HOREB TEL CO	27,002	4,571	3,068	34,641	0.0871	0.2728	0.0886	0.1228
330917	87	MT VERNON TEL CO	51,710	10,554	7,166	69,430	0.0981	0.2254	0.1032	0.1249
330920 *		NIAGARA TEL CO	60,915	18,054	12,512	91,482	0.1292	0.3330	0.1368	0.1368
330922	87	NORTH-WEST TEL CO	450,383	114,113	67,196	631,691	0.1049	0.2481	0.1064	0.1640
330931	87	PEOPLES TEL CO	38,305	13,427	4,782	56,514	0.0800	0.2021	0.0846	0.1059
330934 +		PLATTEVILLE TEL CO	46,841	14,980	9,841	71,662	0.1376	0.3118	0.1373	0.1833
330937 +		PRICE COUNTY TEL CO	25,168	7,343	4,664	37,175	0.1255	0.2806	0.1255	0.1868
330940	87	RHINELANDER TEL CO	84,861	19,900	13,302	118,063	0.1088	0.2351	0.1127	0.1597
330941 *		RIB LAKE TEL CO	4,381	1,299	900	6,580	0.1292	0.2728	0.1368	0.1368
330943	87	RIVERSIDE TELECOM	9,315	4,925	1,743	15,983	0.1117	0.2192	0.1090	0.1257
330945	87	SCANDINAVIA TEL CO	10,785	5,334	1,571	17,691	0.0820	0.2560	0.0888	0.1447
330948 *		SHELL LAKE TEL CO	12,673	3,756	2,603	19,032	0.1292	0.2411	0.1368	0.1368
330949 *		SIREN TEL CO, INC	14,113	4,183	2,899	21,195	0.1292	0.3959	0.1368	0.1368
330950	87	OLON SPRINGS TEL CO	77,178	23,099	21,989	122,266	0.1739	0.3881	0.1798	0.2546
330952	87	SOUTHEAST TEL OF WISCONSIN	45,408	14,865	7,984	68,257	0.1170	0.2016	0.1170	0.1446
330954	87	STOCKBRIDGE & SHERWD	15,609	6,297	1,071	22,977	0.0478	0.1489	0.0466	0.0801
330959 *		THORP TEL CO	10,722	3,178	2,202	16,103	0.1292	0.2202	0.1368	0.1368
330961 *		TURTLE LAKE TEL CO	6,774	2,008	1,391	10,173	0.1292	0.2982	0.1368	0.1368
330956	87	UNIVERSAL OF N WISC	59,884	21,720	12,749	94,352	0.1303	0.4758	0.1351	0.2041
330964	87	URBAN TEL CORP	148,891	37,175	13,520	199,586	0.0657	0.2144	0.0677	0.1052
330963	87	UTELCO, INC	88,195	22,962	23,125	134,283	0.1480	0.2697	0.1722	0.2304
330965	87	VALDERS TEL CO	15,194	4,710	1,270	21,174	0.0600	0.1684	0.0600	0.0895
330967 *		VIROQUA TEL CO	17,837	5,286	3,664	26,787	0.1292	0.1991	0.1368	0.1368
330973 *		WITTENBERG TEL CO	6,752	2,001	1,387	10,140	0.1292	0.1398	0.1368	0.1368

TABLE 4.23 A

 1987 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	W DEM
330974	87	WOOD COUNTY TEL CO	193,659	35,440	27,798	256,897	0.0878	0.2150	0.1082	0.1417
512291	87	DUBOIS TEL EXCHANGE	6,844	2,643	3,893	13,381	0.2907	0.6925	0.2910	0.3587
512294	87	MEDICINE BOW TEL CO	1,085	519	349	1,953	0.1787	0.6947	0.1787	0.2604
512251	87	RANGE TEL COOP - WY	10,331	3,411	3,916	17,658	0.2218	0.5439	0.2218	0.2953
512295	87	SILVER STAR TEL-WY	4,634	1,273	2,616	8,524	0.3069	0.7200	0.3069	0.3921
512299	87	TEL. UTIL. OF WY.	14,794	5,130	7,522	27,445	0.2734	0.6820	0.2741	0.3801
512297	87	UNION TELEPHONE CO	23,183	5,142	8,631	36,956	0.2335	0.6944	0.2335	0.6583
512290	87	UTAH-WYOMING TELECOM	1,537	329	917	2,783	0.3294	0.7300	0.3294	0.4789
TOTAL (678 STUDY AREAS)			47,580,127	13,935,093	9,239,476	70,754,699				

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

+ - COMPANIES WHICH SUBMITTED 1986 DATA RATHER THAN 1987 DATA

TABLE 4.23 B

1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
250284	88	BUTLER TEL CO	49,285	6,921	7,461	63,668	0.1251	0.2775	0.1172	0.2716
250281	88	CONTEL OF THE SOUTH	1,115,732	184,904	119,518	1,420,153	0.0811	0.2285	0.0842	0.1814
250297	88	GROVE HILL TEL CORP.	17,014	6,656	2,279	25,949	0.0910	0.2264	0.0878	0.1869
250298	88	GULF TEL CO - AL	220,486	32,006	51,887	304,379	0.1675	0.3332	0.1705	0.3529
250300	88	HOPPER TEL. CO INC	24,792	8,073	2,469	35,334	0.0699	0.1797	0.0699	0.1260
250304	88	MILLRY TEL CO	52,354	10,685	7,342	70,381	0.1043	0.3006	0.1043	0.2749
250306	88	MONROEVILLE TEL CO	163,741	24,678	26,216	214,635	0.1077	0.2443	0.1221	0.2440
250314	88	PEOPLES TEL CO	126,632	17,404	16,443	160,479	0.1028	0.2145	0.1025	0.2015
250316	88	RAGLAND TEL CO	9,691	3,197	991	13,879	0.0714	0.2117	0.0714	0.1522
250318	88	SOUTHLAND TEL CO-AL	152,422	24,897	18,978	196,298	0.0965	0.2604	0.0967	0.2230
613000	88	ANCHORAGE TEL UTIL	1,822,367	160,491	332,942	2,315,800	0.1450	0.4339	0.1438	0.4191
613001	88	ARCTIC SLOPE TEL	8,259	11,048	8,795	28,102	0.3130	0.6250	0.3130	0.6035
613003	88	BRISTOL BAY TEL COOP	6,021	3,200	2,795	12,017	0.2326	0.6250	0.2326	0.6012
613004	88	BUSH-TELL INC.	3,194	2,330	509	6,032	0.0843	0.3987	0.0843	0.2801
613006	88	COPPER VALLEY TEL	24,481	8,287	8,368	41,135	0.2034	0.4964	0.2034	0.5504
613007	88	CORDOVA TEL COOP	10,297	2,876	4,501	17,675	0.2547	0.6188	0.2547	0.7203
613008	88	FAIRBANKS MUNICIPAL	336,580	36,681	68,451	441,712	0.1550	0.4084	0.1550	0.4166
613010	88	GLACIER STATE TEL CO	298,286	54,594	81,970	434,850	0.1885	0.5236	0.1885	0.5572
613009	88	GTE ALASKA INC.	89,551	37,478	31,662	158,691	0.1994	0.4581	0.1995	0.4541
613011	88	INTERIOR TEL CO INC	12,525	8,101	11,315	31,940	0.3542	0.6250	0.3542	0.6519
613012	88	JUNEAU & DOUGLAS TEL	151,378	25,648	42,514	219,539	0.1937	0.4991	0.1937	0.5690
613013	88	KETCHIKAN PUBLIC UT	71,548	9,320	21,855	102,723	0.2128	0.5053	0.2128	0.5806
613015	88	MATANUSKA TEL ASSOC	253,473	62,355	59,614	375,442	0.1588	0.3724	0.1588	0.3692
613016	88	MUKLUK TEL CO INC	2,694	2,798	756	6,248	0.1211	0.3796	0.1211	0.2505
613018	88	NUSHAGAK TEL COOP	11,915	4,500	3,381	19,796	0.1708	0.5126	0.1708	0.5603
613019	88	OTZ TEL COOPERATIVE	11,617	8,403	2,995	23,015	0.1301	0.3258	0.1301	0.2738
613020	88	SITKA TELEPHONE CO	52,546	21,438	24,437	98,421	0.2483	0.5187	0.2483	0.5169
613022	88	TEL UTIL OF ALASKA	21,253	1,967	12,167	35,388	0.3438	0.7000	0.3438	0.7884
613023	88	UNITED UTILITIES INC	20,873	15,495	3,776	40,144	0.0941	0.2942	0.0941	0.1971
613025	88	YUKON TEL CO INC	1,610	1,598	664	3,871	0.1714	0.6250	0.1714	0.4590
452171	88	ARIZONA TELEPHONE CO	3,202	5,350	2,893	11,445	0.2528	0.6250	0.2528	0.4846
452172	88	CITIZENS UTILITIES	290,163	43,904	137,666	471,734	0.2918	0.5752	0.2918	0.3942
452302	88	CONTEL CALIF - AZ	29,765	9,267	14,312	53,343	0.2689	0.5030	0.2683	0.5476
452177	88	CONTEL OF WEST-AZ	150,135	53,914	50,286	254,334	0.1977	0.3559	0.1977	0.3502
452275	88	NAVAJO COMMUN-AZ	42,374	26,388	27,136	95,899	0.2830	0.6179	0.2830	0.6007
452173	88	PAPAGO TRIBAL UTIL.	3,360	1,446	654	5,461	0.1198	0.3790	0.1198	0.3775
452175	88	UNIVERSAL TEL OF SW	7,129	2,678	1,764	11,571	0.1524	0.4539	0.1524	0.3536
452176	88	VALLEY TEL COOP-AZ	9,562	5,856	6,035	21,452	0.2813	0.5499	0.2813	0.4942
401691	88	ALLTEL ARKANSAS INC	617,210	172,140	127,751	917,101	0.1352	0.2951	0.1393	0.2535
401692	88	ARKANSAS TEL CO	54,072	8,787	11,040	73,899	0.1389	0.4216	0.1494	0.4308
401697	88	CENTRAL ARKANSAS TEL	20,043	5,523	2,470	28,035	0.0881	0.2482	0.0881	0.1866
401705	88	CENTURY OF ARKANSAS	106,490	20,927	24,129	151,546	0.1592	0.3252	0.1592	0.3217
401698	88	CLEVELAND COUNTY TEL	16,391	7,440	2,365	26,197	0.0937	0.2843	0.0903	0.2188
401730	88	CONTEL OF ARKANSAS	783,674	198,239	143,493	1,125,406	0.1275	0.2879	0.1275	0.2495
401699	88	DECATUR TEL CO INC	3,727	2,413	1,623	7,763	0.2091	0.5809	0.2091	0.5626
401709	88	MADISON COUNTY TEL	21,072	5,757	4,564	31,394	0.1454	0.2831	0.1454	0.2679
401711	88	MOUNTAIN HOME TEL	87,606	18,931	37,001	143,539	0.2587	0.4002	0.2578	0.4258
401713	88	NORTH ARKANSAS TEL	24,949	10,826	11,455	47,230	0.2425	0.4361	0.2425	0.4390
401720	88	REDFIELD TEL CO	9,979	4,941	1,963	16,883	0.1163	0.3345	0.1163	0.3166
401702	88	SOUTH ARKANSAS TEL	29,002	8,076	4,152	41,229	0.1007	0.2712	0.1007	0.2313
401726	88	TRI-COUNTY TEL CO-AR	47,251	9,124	7,899	64,275	0.1231	0.2550	0.1229	0.2405
401727	88	UNION TEL CO INC	6,795	2,204	2,267	11,266	0.2019	0.3436	0.2012	0.3685
401729	88	WALNUT HILL TEL CO	32,491	10,932	9,847	53,270	0.1849	0.3863	0.1849	0.4041
401733	88	YELCOT TEL CO INC	25,049	5,735	5,459	36,243	0.1506	0.3318	0.1506	0.3207
401734	88	YELL COUNTY TEL CO	36,029	10,582	5,145	51,756	0.0988	0.2404	0.0994	0.1956
542304	88	C P NATIONAL CORP-CA	64,835	44,971	14,726	124,533	0.1179	0.2727	0.1183	0.2033
542301	88	CALAVERAS TEL CO	5,819	7,323	1,713	14,854	0.1153	0.2490	0.1153	0.1990
542311	88	CALIF-OREGON TEL CO	10,280	6,161	6,190	22,631	0.2735	0.4824	0.2735	0.5223
542308	88	CITIZENS UTIL OF CA	578,488	186,009	69,919	834,417	0.0838	0.2349	0.0838	0.1679
542313	88	DUCOR TELEPHONE CO	2,258	2,941	465	5,664	0.0822	0.2213	0.0822	0.1123
542315	88	EVANS TEL CO.	50,880	40,596	6,274	97,750	0.0642	0.2058	0.0642	0.1384
542318	88	FORESTHILL TEL CO.	6,954	9,076	1,611	17,641	0.1044	0.2591	0.0913	0.2223
542321	88	HAPPY VALLEY TEL CO	23,926	8,500	2,286	34,712	0.0659	0.1963	0.0659	0.1364
542322	88	HORNITOS TEL CO	1,022	2,560	508	4,091	0.1243	0.2531	0.1243	0.1626
542324	88	KERMAN TELEPHONE CO	48,055	14,293	2,860	65,208	0.0433	0.1657	0.0439	0.1028
542346	88	PINNACLES TEL CO	215	1,685	333	2,233	0.1492	0.3808	0.1492	0.2459
542332	88	PONDEROSA TEL CO	25,500	23,680	3,881	53,061	0.0731	0.2060	0.0731	0.1412

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DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
542334	88	ROSEVILLE TEL CO	754,711	177,582	67,600	999,893	0.0690	0.2075	0.0676	0.1278
542338	88	SIERRA TELEPHONE CO	80,356	43,244	9,910	133,509	0.0740	0.2157	0.0742	0.1272
542339	88	SISKIYOU TEL CO	15,279	14,860	4,530	34,669	0.1307	0.3004	0.1307	0.2811
542342	88	TUOLUMNE TEL CO	19,636	21,714	4,082	45,433	0.0899	0.2612	0.0899	0.2231
542343	88	VOLCANO TEL CO	30,399	30,618	6,137	67,154	0.0914	0.2113	0.0914	0.2742
462192	88	BIG SANDY TELCOMM	3,480	2,522	922	6,924	0.1332	0.3091	0.1332	0.3012
462181	88	BIJOU TEL COOP ASSOC	4,731	3,799	1,670	10,201	0.1637	0.3463	0.1637	0.2875
462182	88	BLANCA TEL CO	1,013	749	595	2,357	0.2448	0.5647	0.2523	0.5668
462204	88	COLUMBINE TEL CO	2,431	1,516	1,622	5,569	0.2913	0.5385	0.2913	0.5409
462184	88	DELTA COUNTY TEL CO	56,340	10,474	11,673	78,487	0.1487	0.2897	0.1487	0.2997
462185	88	EAGLE TELECOMMUN INC	17,039	18,536	15,708	61,283	0.2563	0.4894	0.2563	0.5257
462186	88	EASTERN SLOPE RURAL	22,209	14,284	5,590	42,083	0.1328	0.3359	0.1328	0.3199
462187	88	EL PASO COUNTY TEL	12,242	9,104	3,742	25,088	0.1492	0.3257	0.1492	0.3368
462188	88	FARMERS TEL CO - CO	1,268	846	406	2,520	0.1611	0.4061	0.1611	0.3788
462190	88	HAXTUN TEL CO	7,484	4,499	2,093	14,076	0.1499	0.3096	0.1487	0.2620
462193	88	NUCLA-NATURITA TEL	5,877	2,347	1,921	10,145	0.1894	0.3997	0.1894	0.4221
462194	88	NUNN TEL CO	1,281	853	552	2,687	0.2055	0.4764	0.2055	0.4662
462196	88	PEETZ COOP TEL CO	1,338	587	507	2,431	0.2085	0.3817	0.2085	0.4028
462199	88	PLAINS COOP TEL ASSN	8,185	4,976	2,043	15,204	0.1344	0.2583	0.1344	0.2346
462203	88	RYE TELEPHONE CO	7,977	3,684	2,634	14,295	0.1843	0.3885	0.1843	0.3940
462207	88	STRASBURG TEL CO	3,945	3,332	1,375	8,652	0.1589	0.3523	0.1589	0.4609
461835	88	SUNFLOWER TEL - CO	1,422	1,150	866	3,438	0.2519	0.3972	0.2519	0.4185
462208	88	UNIVERSAL TEL CO -CO	34,314	5,924	10,839	51,076	0.2122	0.6151	0.2122	0.5401
462209	88	WIGGINS TEL ASSOC	5,464	4,475	1,352	11,291	0.1197	0.2776	0.1197	0.2305
210336	88	ALLTEL FLORIDA INC.	487,879	123,842	75,944	687,665	0.1106	0.2554	0.1104	0.2156
210291	88	FLORALA TEL CO	17,438	2,757	2,175	22,370	0.0972	0.2889	0.0972	0.2377
210329	88	GULF TEL CO	84,203	21,142	14,813	120,157	0.1210	0.2185	0.1233	0.2117
210331	88	INDIANTOWN SYSTEM	11,083	12,633	5,710	29,425	0.1985	0.3671	0.1940	0.3952
210335	88	NORTHEAST FLORIDA	44,575	15,433	10,427	70,435	0.1480	0.2207	0.1480	0.2173
210338	88	QUINCY TEL CO-FL DIV	116,938	24,796	17,307	159,041	0.1035	0.2157	0.1088	0.1960
210339	88	SAINT JOSEPH TEL & TEL	172,216	46,811	31,796	250,823	0.1242	0.3262	0.1268	0.2991
210318	88	SOUTHLAND TEL-FL	42,686	3,554	4,602	50,841	0.0905	0.2721	0.0905	0.2443
210330	88	VISTA-UNITED TELCOM	92,193	27,187	66,916	186,296	0.3424	0.5221	0.3592	0.6842
220344	88	ALMA TEL CO	56,991	13,507	5,889	76,387	0.0772	0.1986	0.0771	0.1584
220347	88	BRANTLEY TEL CO	30,105	8,233	3,520	41,858	0.0821	0.2087	0.0841	0.1768
220351	88	CAMDEN TEL & TEL CO	103,085	17,494	37,639	158,218	0.2232	0.4639	0.2379	0.5421
220355	88	CITIZENS TEL CO - GA	45,678	10,016	4,473	60,167	0.0735	0.2166	0.0743	0.1585
220356	88	COASTAL UTILITIES	182,578	52,301	83,375	318,254	0.2612	0.4474	0.2620	0.5122
220281	88	CONTEL OF SOUTH - GA	612,983	157,677	89,384	860,043	0.1019	0.2250	0.1039	0.1852
220358	88	DARIEN TEL CO	31,419	9,609	5,076	46,103	0.1107	0.2603	0.1101	0.2459
220360	88	ELLIJAY TEL CO	61,173	16,813	6,448	84,434	0.0765	0.1962	0.0764	0.1526
220371	88	INTERSTATE TEL CO	151,332	18,930	22,287	192,549	0.1092	0.2486	0.1157	0.2246
220377	88	PINELAND TEL COOP	94,335	22,481	9,224	126,040	0.0729	0.1888	0.0732	0.1354
220379	88	PLANT TEL. CO.	73,363	20,457	8,061	101,881	0.0789	0.1991	0.0791	0.1621
220381	88	PUBLIC SERVICE TEL	90,172	22,776	9,440	122,388	0.0776	0.1934	0.0771	0.1377
220338	88	QUINCY TEL CO-GA DIV	10,229	784	1,917	12,930	0.1562	0.3632	0.1482	0.3243
220386	88	STANDARD TEL CO	386,437	114,230	60,211	560,878	0.1074	0.2099	0.1074	0.1928
220392	88	WAVERLY HALL TEL CO	5,366	3,328	1,248	9,943	0.1256	0.2420	0.1256	0.1792
220394	88	WILKES TEL & ELC CO	102,020	19,440	13,122	134,583	0.0973	0.2059	0.0975	0.1855
472213	88	ALBION TEL CO INC	6,361	2,496	2,024	10,880	0.1860	0.3518	0.1860	0.3534
472215	88	CAMBRIDGE TEL CO	4,072	2,161	1,195	7,429	0.1609	0.3575	0.1609	0.3352
472225	88	CENTURY TEL OF IDAHO	23,905	4,204	8,458	36,567	0.2310	0.3694	0.2313	0.4518
472177	88	CONTEL OF WEST-ID	71,542	33,338	25,616	130,496	0.1963	0.4008	0.1963	0.3911
472218	88	CUSTER TEL COOP	10,287	2,998	3,233	16,518	0.1957	0.6250	0.1957	0.6828
472223	88	GEM STATE UTIL-ID	6,545	3,623	2,084	12,253	0.1701	0.4189	0.1701	0.3904
472423	88	INLAND TEL-ID	1,077	948	492	2,517	0.1954	0.3406	0.1954	0.3562
472226	88	MIDVALE TEL EXCH INC	310	790	401	1,502	0.2672	0.2831	0.2672	0.3066
472231	88	PROJECT MUTUAL TEL	78,307	9,124	11,183	98,614	0.1120	0.2891	0.1134	0.2766
472232	88	ROCKLAND TEL CO INC	2,358	959	522	3,839	0.1359	0.3100	0.1359	0.2625
472233	88	RURAL TEL CO - ID	384	680	290	1,354	0.2143	0.6250	0.2143	0.5449
472295	88	SILVER STAR TEL- ID	1,480	1,007	786	3,273	0.2401	0.5073	0.2401	0.4823
472234	88	TROY TELEPHONE CO	3,091	2,029	1,644	6,765	0.2431	0.4114	0.2431	0.4431
341000	88	ALLTEL ILLINOIS INC.	304,765	110,121	80,247	495,133	0.1621	0.3110	0.1621	0.2930
341036	88	CONTEL OF ILLINOIS	1,199,164	559,877	262,442	2,021,484	0.1259	0.2622	0.1298	0.2211
341004	88	EL PASO TEL CO	10,279	6,254	2,142	18,675	0.1147	0.2476	0.1147	0.1646
341023	88	GRIDLEY TEL CO	5,139	5,209	1,464	11,813	0.1240	0.2539	0.1240	0.2439
341037	88	IL CONSOLIDATED TEL	693,940	247,195	118,603	1,059,737	0.1088	0.2331	0.1119	0.1886

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
341038	88	INLAND TEL CO	20,269	19,659	4,359	44,287	0.0984	0.2115	0.0984	0.1593
341011	88	LAKESIDE TEL CO	5,401	2,509	970	8,881	0.1092	0.2227	0.1092	0.1692
341045	88	LEAF RIVER VLY TEL	2,460	2,323	571	5,354	0.1067	0.2248	0.1067	0.1742
341055	88	MIDLAND TEL CO	23,350	17,562	3,810	44,721	0.0852	0.2124	0.0852	0.1345
341060	88	MOULTRIE INDEPENDENT	4,332	2,408	562	7,302	0.0770	0.1914	0.0770	0.1375
341073	88	PRAIRIE TEL CO	6,466	3,127	1,005	10,598	0.0949	0.2091	0.0949	0.1629
320753	88	CLAY CTY RURAL COOP	79,829	23,225	9,231	112,285	0.0822	0.2158	0.0822	0.1935
320776 *		COMM CORP OF INDIANA	56,703	15,687	10,755	83,144	0.1273	0.3063	0.1294	0.3006
320779	88	CONTEL OF INDIANA	1,501,217	314,848	273,282	2,089,347	0.1150	0.2675	0.1308	0.2273
320762	88	ELNORA TEL CO	3,322	1,027	438	4,787	0.0912	0.1758	0.0915	0.1447
320778	88	HOME TEL CO INC	20,422	4,528	1,879	26,829	0.0707	0.1658	0.0700	0.1236
320797	88	NEW PARIS TEL INC	15,878	3,650	3,055	22,583	0.1223	0.2507	0.1353	0.2270
320800	88	NORTHWESTERN INDIANA	69,081	29,182	17,103	115,366	0.1483	0.3464	0.1483	0.0445
351346	88	ACE TEL ASSN-IA	27,660	8,440	4,785	40,886	0.1160	0.2121	0.1170	0.2040
351105	88	AYRSHIRE FARMERS MUT	1,454	1,387	389	3,230	0.1204	0.2372	0.1204	0.1958
351110	88	BERNARD TEL CO INC	3,728	1,654	602	5,984	0.1006	0.2518	0.1006	0.1841
351127	88	CENTEL OF IOWA	391,329	118,678	99,291	609,299	0.1552	0.3661	0.1630	0.2440
351207	88	CONTEL OF IOWA, INC.	544,748	177,153	92,910	814,810	0.1112	0.2397	0.1140	0.1963
351888	88	GRAND RIVER MUT-IA	46,202	13,494	10,747	70,443	0.1526	0.3326	0.1526	0.3105
351229	88	LOST NATION-ELWOOD	3,837	1,750	738	6,324	0.1167	0.1959	0.1167	0.1721
351316	88	UNITED FARMERS TEL	2,997	1,778	1,730	6,505	0.2660	0.2926	0.2660	0.4514
351327	88	WEBB-DICKENS TEL	1,404	2,065	705	4,173	0.1657	0.2631	0.1689	0.2376
411741	88	ASSARIA TEL EXCHANGE	2,092	2,401	925	5,418	0.1708	0.2864	0.1708	0.2583
411746	88	BLUE VALLEY TEL CO	12,859	9,377	3,295	25,531	0.1291	0.2704	0.1291	0.2274
411790	88	CONTEL OF KANSAS	256,343	177,256	70,033	503,631	0.1369	0.2937	0.1391	0.2576
411818	88	CRAW-KAN TEL COOP	75,042	36,022	19,569	130,633	0.1498	0.2854	0.1498	0.2940
411761	88	CUNNINGHAM TEL CO	6,915	4,418	1,700	13,032	0.1351	0.2806	0.1304	0.2244
411764	88	ELKHART TEL CO INC	8,081	2,552	3,971	14,605	0.2719	0.4405	0.2719	0.5335
411781	88	H & B COMMUNICATIONS	3,876	3,116	1,267	8,260	0.1563	0.3029	0.1534	0.2480
411782	88	HOME TEL CO	6,298	5,157	1,600	13,055	0.1226	0.2805	0.1226	0.2281
411785	88	J. B. N. TEL CO INC	12,443	12,724	3,526	28,693	0.1229	0.2689	0.1229	0.2240
411788	88	KANOKLA TEL ASSN-KS	12,161	5,843	3,528	21,532	0.1638	0.3296	0.1638	0.3256
411789	88	KANSAS STATE TEL CO	41,385	7,579	14,889	63,854	0.2242	0.4177	0.2332	0.4603
411801	88	MADISON TEL CO INC	4,359	1,791	971	7,122	0.1364	0.2831	0.1364	0.2655
411807	88	MOKAN DIAL INC-KS	11,836	7,263	4,121	23,221	0.1775	0.3028	0.1775	0.2978
411808	88	MOUNDRIDGE TEL CO	13,883	6,550	4,824	25,258	0.1897	0.2843	0.1910	0.3032
411814	88	PEOPLES MUTUAL TEL	6,179	2,680	2,124	10,984	0.1934	0.3752	0.1934	0.3281
411817	88	PIONEER TEL ASSN INC	88,536	28,082	24,406	141,024	0.1731	0.3999	0.1731	0.4033
411826	88	RURAL TEL SERVICE CO	39,353	21,117	8,160	68,630	0.1189	0.2675	0.1189	0.2230
411827	88	S & T TEL COOP ASSN	7,131	6,069	2,610	15,810	0.1651	0.3481	0.1651	0.2994
411831	88	SOUTH CENTRAL TEL - KS	3,538	3,904	1,406	8,847	0.1589	0.2894	0.1589	0.2805
411835	88	SUNFLOWER TEL CO	30,282	10,009	8,096	48,387	0.1673	0.3567	0.1673	0.3710
412030	88	TOTAH TELEPHONE CO	4,917	4,134	2,444	11,495	0.2166	0.3977	0.2126	0.3677
411840	88	TWIN VALLEY TEL INC	11,057	6,292	2,403	19,752	0.1251	0.2517	0.1216	0.2087
411841	88	UNITED TEL ASSN	25,344	16,684	8,184	50,211	0.1630	0.3840	0.1630	0.3511
411847	88	WHEAT STATE TEL	10,234	7,355	2,648	20,237	0.1309	0.2794	0.1309	0.2210
411849	88	WILSON TEL CO INC	12,033	6,251	2,340	20,624	0.1173	0.2499	0.1135	0.2040
411852	88	ZENDA TEL COMPANY	981	1,097	214	2,292	0.0936	0.2178	0.0936	0.1589
260410	88	CONTEL OF KENTUCKY	830,076	125,744	110,509	1,066,328	0.1021	0.2009	0.1036	0.1673
270422	88	ATHENS TEL CO	1,871	1,362	495	3,727	0.1328	0.2819	0.1328	0.2247
270431	88	CADDOAN TEL CO	95,124	18,907	19,414	133,445	0.1455	0.2815	0.1455	0.2798
270425	88	CAMERON TEL CO - LA	49,108	18,489	13,857	81,454	0.1701	0.3223	0.1701	0.2926
270423	88	CENTRAL LOUISIANA	160,119	35,434	22,595	218,148	0.1036	0.2037	0.1036	0.1710
270440	88	CENTURY TEL CO	23,243	7,483	3,307	34,033	0.0975	0.1790	0.0972	0.1547
270436	88	CENTURY TEL NORTH LA	8,131	2,738	2,102	12,971	0.1621	0.2870	0.1621	0.2804
270424	88	COASTAL TEL & ELECTR	100,122	28,147	12,046	140,315	0.0858	0.1889	0.0858	0.1521
270429	88	EAST ASCENSION TEL	295,622	59,114	39,242	393,979	0.0996	0.2052	0.0996	0.1564
270430	88	ELIZABETH TEL CO	26,228	4,827	3,249	34,303	0.0947	0.2134	0.0947	0.1838
270434	88	EVANGELINE TEL CO	301,333	72,571	36,935	410,839	0.0907	0.1782	0.0899	0.1419
270433	88	LAFOURCHE TEL CO	116,265	21,254	10,964	148,483	0.0738	0.2492	0.0738	0.1942
270442	88	LOUISIANA WESTERN	33,901	10,515	6,389	50,805	0.1260	0.2279	0.1258	0.2166
270435	88	NORTHEAST LOUISIANA	9,469	3,942	1,604	15,015	0.1069	0.2711	0.1069	0.2246
270437	88	PLAIN DEALING TEL CO	17,579	4,036	3,119	24,733	0.1261	0.2118	0.1261	0.2103
270443	88	UTC OF LOUISIANA	27,842	7,460	4,673	39,974	0.1169	0.2455	0.1169	0.2228
100004	88	CHINA TEL CORP	9,069	8,740	3,759	21,569	0.1740	0.3167	0.1743	0.3288
100014	88	CONTEL OF MAINE	201,613	100,912	68,635	371,160	0.1753	0.3297	0.1849	0.3203
100010	88	HAMPDEN TEL CO	20,899	10,392	3,066	34,357	0.1012	0.2784	0.0892	0.2657

TABLE 4.23 B

 1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
100011	88	HARTLAND & ST ALBANS	14,361	7,423	3,458	25,242	0.1370	0.2916	0.1370	0.2920
100003	88	LINCOLNVILLE TEL CO	6,941	2,755	2,472	12,169	0.2032	0.5345	0.2032	0.5855
100024	88	SOMERSET TEL CO	38,090	23,235	12,171	73,495	0.1702	0.3040	0.1656	0.2857
100025	88	STANDISH TEL CO	21,964	19,595	9,959	51,517	0.1933	0.4295	0.1933	0.4590
100027	88	UNION RIVER TEL CO	3,216	2,711	1,369	7,296	0.1875	0.3881	0.1876	0.3115
100029	88	UNITY TEL CO., INC.	17,352	9,683	4,479	31,513	0.1381	0.3149	0.1421	0.3123
100031	88	WARREN TEL CO	4,477	5,742	1,683	11,901	0.1544	0.3145	0.1414	0.2993
100034	88	WEST PENOBSCOT TEL	7,803	6,112	1,792	15,706	0.1148	0.2532	0.1141	0.2303
310704	88	ACE TEL OF MICHIGAN	11,659	11,903	2,171	25,733	0.0851	0.2287	0.0844	0.1799
310681	88	ALLTEL MICHIGAN INC.	299,102	153,546	62,881	515,529	0.1220	0.2463	0.1220	0.2015
310679	88	BLOOMINGDALE TEL CO	5,562	7,196	1,839	14,597	0.1254	0.2567	0.1260	0.2410
310682	88	C, C & S TELCO - MI	127,208	52,170	23,025	202,403	0.1138	0.2187	0.1138	0.1917
310683	88	CARR TEL CO	3,466	3,563	873	7,902	0.1107	0.3456	0.1104	0.3309
310702	88	CENTURY TEL OF MICHIGAN	232,352	150,154	40,285	422,791	0.0952	0.2204	0.0953	0.1771
310685	88	CHATHAM TEL CO - MI	16,352	5,268	2,457	24,078	0.1022	0.2412	0.1021	0.1989
310680	88	CHIPPEWA COUNTY TEL	3,025	2,496	934	6,454	0.1446	0.2585	0.1446	0.2418
310687	88	CLAYTON TEL CO	1,893	2,906	653	5,452	0.1198	0.2316	0.1198	0.1894
310713	88	HIAWATHA TEL CO	21,525	10,047	4,831	36,403	0.1310	0.2818	0.1327	0.2287
310699	88	HICKORY TEL CO	14,369	3,694	1,649	19,713	0.0868	0.2104	0.0837	0.1500
310711	88	MIDWAY TEL CO	3,891	1,846	840	6,577	0.1277	0.2770	0.1277	0.2567
310714 *		OGDEN TEL CO	3,234	895	613	4,741	0.1273	0.2818	0.1294	0.3006
310717	88	ONTONAGON COUNTY TEL	30,541	6,686	5,629	42,856	0.1314	0.2869	0.1314	0.2824
310721	88	PIGEON TEL CO	12,307	11,417	2,458	26,183	0.0942	0.1981	0.0939	0.1534
310728	88	SPRINGPORT TEL CO	7,826	6,614	1,176	15,616	0.0753	0.2168	0.0753	0.1718
310732	88	UPPER PENINSULA TEL	17,647	12,381	6,125	36,154	0.1694	0.3325	0.1694	0.3318
310737	88	WINN TEL CO	1,701	3,433	1,074	6,208	0.1729	0.4904	0.1729	0.3450
310738	88	WOLVERINE TEL CO	65,588	31,231	6,539	103,358	0.0636	0.1827	0.0633	0.1300
361346	88	ACE TEL ASSN-MN	69,517	17,934	29,346	116,798	0.2501	0.2559	0.2513	0.3469
361374	88	ARROWHEAD COMM CORP	2,038	1,784	623	4,445	0.1401	0.2668	0.1401	0.2295
361350	88	ARVIG TEL CO	43,041	16,500	13,208	72,749	0.1799	0.3211	0.1816	0.3096
361370	88	CLARA CITY TEL EXCH	8,350	4,354	1,248	13,952	0.0877	0.2755	0.0894	0.2593
361140	88	CONTEL OF MINNESOTA	770,400	294,844	137,184	1,202,428	0.1098	0.2240	0.1141	0.1724
361379	88	DEER RIVER TEL CO	13,957	2,740	1,819	18,515	0.0982	0.2304	0.0982	0.1630
361385	88	EAST OTTER TAIL TEL	93,241	35,152	21,422	149,816	0.1430	0.2639	0.1430	0.2222
361395	88	GARDEN VALLEY TEL CO	94,433	37,421	15,260	147,113	0.1037	0.2402	0.1037	0.2081
361410	88	JOHNSON TEL CO	5,883	2,550	1,363	9,796	0.1373	0.2902	0.1392	0.2846
361414	88	LAKEDALE TEL CO	57,878	35,199	7,811	100,888	0.0734	0.2013	0.0774	0.1591
361433	88	MID STATE TEL CO	39,894	12,836	5,055	57,786	0.0875	0.2124	0.0875	0.1694
361442	88	NEW ULM TELECOM, INC	69,676	21,646	13,704	105,026	0.1133	0.2566	0.1305	0.2555
361443	88	NORMAN COUNTY TEL CO	32,466	6,477	5,661	44,604	0.1245	0.2461	0.1269	0.2463
361451	88	PAUL BUNYAN RURAL	43,995	11,694	5,861	61,549	0.0952	0.2400	0.0952	0.2112
361483	88	SLEEPY EYE TEL CO	35,330	15,595	5,726	56,651	0.0919	0.1994	0.1011	0.1678
361491	88	TWIN VALLEY-ULEN TEL	19,615	6,235	3,388	29,238	0.1159	0.2235	0.1159	0.2130
280446	88	BAY SPRINGS TEL CO	112,843	19,415	10,218	142,476	0.0717	0.2166	0.0717	0.1738
280452	88	DELTA TEL CO	35,388	5,349	3,912	44,649	0.0876	0.2621	0.0876	0.2111
280454	88	FRANKLIN TEL CO - MS	64,386	13,580	8,565	86,531	0.0990	0.2235	0.0990	0.2036
280458	88	HOME TEL CO-OLIVE BR	92,352	10,971	31,224	134,547	0.2319	0.4892	0.2321	0.4822
280459	88	HUGHES TEL CO	76,899	5,830	7,482	90,212	0.0829	0.2069	0.0829	0.1721
280461	88	SOUTHEAST MS TEL CO	33,462	6,971	5,133	45,566	0.1145	0.2963	0.1126	0.3813
421885	88	ALLTEL MISSOURI	199,640	67,736	36,998	304,373	0.1216	0.2441	0.1216	0.2116
421859	88	BOURBEUSE TEL	9,426	6,384	2,097	17,907	0.1171	0.2768	0.1171	0.2067
421865	88	CITIZENS TEL CO - MO	14,683	11,211	4,697	30,591	0.1535	0.2410	0.1535	0.2319
421922	88	CONTEL OF MISSOURI	1,040,377	474,737	332,610	1,847,724	0.1800	0.2715	0.1800	0.2421
421846	88	CONTINENTAL SYS. -MO	346,951	102,447	60,482	509,880	0.1186	0.3074	0.1186	0.2617
421873	88	EASTERN MISSOURI TEL	14,022	9,619	2,800	26,440	0.1051	0.2093	0.1059	0.1646
421882	88	FIDELITY TEL CO	77,317	27,171	12,092	116,580	0.1037	0.2272	0.1037	0.2064
421886	88	GOODMAN TEL CO	6,540	4,626	2,964	14,130	0.2098	0.3756	0.2098	0.3393
421888	88	GRAND RIVER MUT-MO	105,720	29,558	14,922	150,200	0.0993	0.2467	0.0993	0.2048
421929	88	HOLWAY TEL CO	5,206	1,709	539	7,454	0.0723	0.2733	0.0723	0.2013
421901	88	KINGDOM TELEPHONE CO	15,691	11,268	3,609	30,568	0.1181	0.3510	0.1181	0.2861
421908	88	LE-RU TELEPHONE CO	5,299	2,458	2,506	10,263	0.2442	0.4168	0.2442	0.4284
421904	88	MISSOURI TEL CO	132,062	33,386	21,870	187,319	0.1147	0.2348	0.1168	0.2074
421807	88	MOKAN DIAL INC-MO	4,692	2,416	1,235	8,343	0.1480	0.2431	0.1480	0.2137
421931	88	NE MISSOURI RURAL	26,457	8,549	5,641	40,646	0.1388	0.2759	0.1388	0.2575
421934	88	ORCHARD FARM TEL CO	1,946	4,521	656	7,124	0.0921	0.2485	0.0921	0.1579
421951	88	STOUTLAND TEL CO	7,013	2,876	988	10,877	0.0908	0.2728	0.0908	0.1998
421963 *		WEBSTER COUNTY TEL	30,432	8,419	5,772	44,623	0.1273	0.3283	0.1294	0.3006

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
482235	88	BLACKFOOT TEL COOP	25,133	18,303	9,847	53,283	0.1848	0.4386	0.1848	0.4257
482241	*	HOT SPRINGS TEL CO	4,446	1,230	843	6,519	0.1273	0.3063	0.1294	0.3006
482242	88	INTERBEL TEL COOP	6,290	1,275	1,843	9,408	0.1959	0.4762	0.1959	0.4468
482244	88	LINCOLN TEL CO INC	2,815	1,966	978	5,758	0.1698	0.4381	0.1698	0.4170
482246	88	MID-RIVERS TEL COOP	48,282	18,896	9,349	76,527	0.1222	0.3056	0.1222	0.2692
482247	88	NEMONT TEL COOP-MT	9,572	8,224	5,063	22,859	0.2215	0.3526	0.2215	0.4008
482248	88	NORTHERN TEL COOP	6,761	5,681	3,342	15,783	0.2117	0.4443	0.2117	0.4830
482249	88	NW TEL SYSTEMS, INC.	137,413	80,493	83,376	301,281	0.2767	0.3882	0.2767	0.4138
482250	88	PROJECT TEL CO	11,005	10,295	5,151	26,451	0.2038	0.3469	0.1947	0.3650
482251	88	RANGE TEL COOP-MT	18,886	8,684	5,950	33,520	0.1775	0.4073	0.1775	0.3923
482254	88	SOUTHERN MONTANA TEL	2,647	2,292	1,534	6,473	0.2369	0.5893	0.2369	0.6093
482255	88	THREE-RIVERS TEL COOP	48,315	25,028	13,774	87,117	0.1581	0.3990	0.1581	0.3926
482257	88	TRIANGLE TEL COOP	57,901	27,808	11,787	97,496	0.1209	0.3128	0.1209	0.2824
482258	88	VALLEY RURAL TEL	3,585	2,329	915	6,829	0.1340	0.6022	0.1340	0.5042
371516	88	ARAPAHOE TEL CO	6,720	2,467	1,283	10,471	0.1226	0.2994	0.1226	0.2986
371517	88	ARLINGTON TEL CO	6,152	3,691	1,537	11,380	0.1400	0.2822	0.1351	0.2307
372455	88	BENKELMAN TEL CO	7,940	1,829	2,001	11,770	0.1677	0.3683	0.1700	0.4063
371524	88	BLAIR TEL CO	46,077	15,339	11,500	72,916	0.1577	0.2986	0.1577	0.3088
371526	*	CAMBRIDGE TEL CO -NE	7,819	2,163	1,483	11,465	0.1273	0.3063	0.1294	0.3006
371531	*	CLARKS TEL CO	5,171	1,431	981	7,583	0.1273	0.2077	0.1294	0.3006
371534	88	COZAD TEL CO	16,047	6,411	3,922	26,380	0.1487	0.3006	0.1487	0.3037
371536	88	CURTIS TEL CO	5,006	2,108	1,028	8,143	0.1263	0.2037	0.1263	0.1815
371537	88	DALTON TEL CO, INC	7,747	4,073	2,588	14,408	0.1796	0.4049	0.1796	0.3745
371540	88	DILLER TEL CO	5,023	2,526	1,007	8,556	0.1177	0.2936	0.1177	0.2410
371542	88	EASTERN NEBRASKA TEL	16,633	6,876	4,264	27,773	0.1535	0.3221	0.1535	0.3042
371577	88	GREAT PLAINS COMMUN	167,954	67,821	41,012	276,786	0.1482	0.2692	0.1482	0.2424
371557	88	HARTMAN TEL EXCH INC	2,541	1,045	1,220	4,807	0.2539	0.4267	0.2539	0.4279
371558	88	HEMINGFORD COOP TEL	9,186	1,346	1,444	11,976	0.1206	0.2765	0.1206	0.2571
371567	88	KEYSTONE-ARTHUR TEL	996	946	658	2,599	0.2530	0.5113	0.2530	0.4648
371574	88	NEBRASKA CENTRAL TEL	22,986	9,022	7,412	39,420	0.1880	0.2559	0.1880	0.2733
371580	88	PETERSBURG TEL CO	2,520	1,573	348	4,441	0.0783	0.2320	0.0783	0.1550
371586	88	ROCK COUNTY TEL CO	7,996	3,181	1,764	12,942	0.1352	0.2770	0.1363	0.2440
371591	88	SE NEBRASKA TEL CO	33,558	5,099	8,191	46,848	0.1748	0.2968	0.1748	0.3514
371592	88	STANTON TEL CO, INC	7,335	2,876	2,129	12,341	0.1726	0.2054	0.1726	0.2043
371525	88	THREE RIVER TELCO	7,327	3,108	1,873	12,308	0.1522	0.3441	0.1522	0.3275
371597	88	WAUNETA TEL CO	4,386	1,553	1,109	7,047	0.1573	0.3317	0.1573	0.3429
552284	88	BEEHIVE TEL CO - NV	419	107	264	789	0.3341	0.6188	0.3341	0.4009
552304	88	C P NATIONAL-NV	82,610	26,872	48,514	157,996	0.3060	0.6063	0.3071	0.6870
552349	88	CHURCHILL COUNTY TEL	66,937	11,328	26,006	104,271	0.2494	0.4975	0.2494	0.5778
552302	88	CONTEL OF CALIF-NV	107,008	37,231	84,295	228,535	0.3449	0.6125	0.3689	0.7501
552223	88	GEM STATE UTIL-NV	1,637	622	1,019	3,278	0.3108	0.6250	0.3108	0.6214
552351	88	LINCOLN CTY TEL SYS	7,591	4,268	3,659	15,518	0.2358	0.5131	0.2358	0.4972
552353	88	MOAPA VALLEY TEL CO.	15,315	5,118	5,632	26,065	0.2161	0.5553	0.2161	0.5703
552354	88	NEVADA TEL-TELEGRAPH	13,827	5,613	9,012	28,452	0.3144	0.6250	0.3167	0.7023
552356	88	RIO VIRGIN TEL CO	6,687	1,410	5,262	13,359	0.3939	0.6125	0.3939	0.7579
552233	88	RURAL TEL CO - NV	731	1,202	1,416	3,349	0.4228	0.6250	0.4228	0.6610
120038	88	BRETTON WOODS TEL CO	392	615	701	1,708	0.4158	0.6250	0.4106	0.6739
120040	*	CHICHESTER TEL CO	11,270	3,118	2,137	16,525	0.1273	0.3063	0.1294	0.3006
120041	88	CONTEL OF NH	54,104	22,607	29,071	105,782	0.2727	0.5042	0.2748	0.5862
120039	88	GRANITE STATE TEL	35,042	16,364	17,584	68,990	0.2549	0.3894	0.2549	0.4626
120045	88	KEARSARGE TEL CO	21,765	17,388	15,135	54,287	0.2788	0.5455	0.2788	0.6201
120046	88	MERIDEN TEL CO	1,719	948	1,857	4,524	0.4108	0.6800	0.4105	0.6697
120047	88	MERRIMAK COUNTY TEL	48,078	21,275	17,849	87,203	0.2017	0.4557	0.2047	0.5115
120049	88	UNION TEL CO	17,920	11,666	11,734	41,320	0.2838	0.6900	0.2840	0.6918
120050	88	WILTON TEL CO - NH	16,332	5,556	12,280	34,169	0.3222	0.6357	0.3594	0.6127
160135	88	WARWICK VALLEY-NJ	34,215	46,587	17,925	98,727	0.1816	0.3362	0.1816	0.3656
492259	88	BACA VALLEY TEL CO	3,342	1,425	1,270	6,038	0.2104	0.5173	0.2104	0.4559
492177	88	CONTEL OF WEST - NM	161,383	63,843	50,576	275,802	0.1834	0.3696	0.1834	0.3797
492066	88	DELL TEL CO-OP - NM	1,370	451	550	2,372	0.2320	0.6250	0.2320	0.5980
492262	88	ENMR TEL COOP INC-NM	65,093	15,360	16,143	96,596	0.1671	0.3883	0.1671	0.3897
492263	88	LA JICARITA RURAL	16,586	3,281	1,797	21,664	0.0829	0.2555	0.0829	0.2269
492264	88	LEACO RURAL TEL COOP	4,740	2,760	2,227	9,728	0.2315	0.4714	0.2289	0.5016
492275	88	NAVAJO COMMUN - NM	13,684	8,655	9,246	31,585	0.2927	0.5980	0.2927	0.6022
492270	88	PENASCO VALLEY TEL	9,679	5,462	4,031	19,172	0.2103	0.4778	0.2103	0.4295
492272	88	ROOSEVELT CNTY RURAL	13,744	3,732	3,226	20,701	0.1558	0.3205	0.1558	0.3316
492274	88	UNIVERSAL TEL OF SW	19,214	8,687	6,390	34,292	0.1864	0.4001	0.1864	0.3508
492176	88	VALLEY TEL COOP - NM	7,153	2,347	3,797	13,297	0.2867	0.4928	0.2855	0.4886

TABLE 4.23 B

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DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
492268	88	WESTERN NEW MEXICO	25,447	10,435	8,682	44,564	0.1948	0.4558	0.1948	0.4665
150106	88	ALLTEL NY-FULTON	523,568	73,085	59,715	656,368	0.0901	0.2080	0.0910	0.1576
150109	88	ALLTEL NY-JAMESTOWN	455,918	70,777	95,020	621,715	0.1501	0.2495	0.1528	0.2352
150113	88	ALLTEL NY-RED JACKET	19,020	8,042	2,259	29,321	0.0770	0.2246	0.0770	0.1626
150072	88	AU SABLE VALLEY TEL	27,132	17,433	8,457	53,022	0.1595	0.2996	0.1595	0.2561
150077	88	CHAMPLAIN TEL CO	31,371	9,672	11,591	52,634	0.2037	0.4315	0.2202	0.4792
150078	88	CHAUTAUQUA & ERIE	68,995	21,664	18,453	109,112	0.1691	0.3659	0.1691	0.3784
150081	88	CITIZENS HAMMOND NY	4,357	3,609	805	8,771	0.0918	0.2337	0.0918	0.1855
150082	88	CLYMER TEL CO	6,273	2,254	2,856	11,383	0.2486	0.4434	0.2509	0.4444
150085	88	CROWN POINT TEL CORP	5,704	2,545	1,040	9,288	0.1119	0.2610	0.1119	0.2431
150091	88	DUNKIRK & FREDONIA	82,572	21,102	9,857	113,531	0.0865	0.2424	0.0868	0.2127
150092	88	EDWARDS TEL CO	9,373	6,799	1,580	17,752	0.0890	0.2067	0.0890	0.1496
150093	88	EMPIRE TEL CORP	26,928	20,978	9,063	56,969	0.1591	0.2584	0.1591	0.2469
150097	88	GERMANTOWN TEL CO	11,538	8,553	3,046	23,137	0.1316	0.2743	0.1316	0.2164
150099	88	HANCOCK TEL CO	7,981	3,726	2,669	14,376	0.1853	0.2854	0.1857	0.3120
150100	88	HIGHLAND TEL CO	472,242	241,814	168,590	882,646	0.1910	0.2842	0.1910	0.2909
150105	88	MIDDLEBURGH TEL CO	25,808	18,456	6,023	50,287	0.1198	0.2216	0.1198	0.1767
150108	88	NICHOLVILLE TEL CO	11,699	5,090	2,016	18,805	0.1072	0.2194	0.1072	0.1877
150110	88	OGDEN TEL CO	230,220	24,659	23,390	278,270	0.0841	0.2090	0.0841	0.1510
150116 *		PATTERSONVILLE TEL	9,804	2,712	1,860	14,376	0.1273	0.3063	0.1294	0.3006
150119	88	RED HOOK TEL CO	98,653	48,990	25,275	172,918	0.1456	0.2794	0.1462	0.2706
150122	88	SENECA-GORHAM TEL	42,915	33,894	10,132	86,941	0.1165	0.2199	0.1165	0.2273
150128	88	SYLVAN LAKE TEL CO	182,619	65,409	40,775	288,803	0.1412	0.2740	0.1412	0.2725
150084	88	TACONIC TEL CORP	130,028	56,834	38,335	225,197	0.1702	0.3284	0.1702	0.3316
150133	88	VERNON TEL CO	16,747	6,813	3,000	26,559	0.1129	0.2559	0.1129	0.2346
150135	88	WARWICK VALLEY-NY	71,058	44,473	30,491	146,021	0.2092	0.3362	0.2088	0.3737
150136	88	WESTERN COUNTIES TEL	143,004	68,590	38,212	249,806	0.1523	0.2443	0.1530	0.2271
230476	88	ALLTEL CAROLINA-NO	1,140,447	199,586	191,382	1,531,416	0.1190	0.2196	0.1250	0.1824
230468	88	ATLANTIC MEMBERSHIP	157,582	31,755	25,596	214,933	0.1183	0.2309	0.1191	0.2167
230469	88	BARNARDSVILLE TEL CO	11,055	1,342	1,218	13,616	0.0918	0.2174	0.0895	0.1532
230473	88	CITIZENS TEL CO	144,870	20,699	29,488	195,057	0.1485	0.2489	0.1512	0.2447
230474	88	CONCORD TEL CO	870,839	130,457	98,528	1,099,824	0.0854	0.1841	0.0896	0.1341
230509	88	CONTEL OF NC	981,618	153,065	177,587	1,312,271	0.1334	0.2736	0.1353	0.2555
230481	88	HEINS TEL CO	300,551	52,324	46,798	399,672	0.1171	0.2213	0.1171	0.1923
230502	88	STAR MEMBERSHIP CORP	148,616	32,636	13,618	194,870	0.0700	0.1703	0.0699	0.1747
230510	88	WILKES MEMBERSHIP	112,683	10,286	5,549	128,518	0.0416	0.1465	0.0432	0.0840
381607	88	CONSOLIDATED COOP	37,900	7,550	5,894	51,344	0.1148	0.3077	0.1148	0.2844
381447	88	CONTEL OF N. DAKOTA	95,064	22,167	14,669	131,900	0.1112	0.2758	0.1112	0.2679
381616	88	INTER-COMMUNITY TEL	9,447	4,117	1,799	15,363	0.1171	0.2275	0.1171	0.2026
381617	88	MIDSTATE TEL CO	8,727	3,796	2,771	15,295	0.1812	0.3676	0.1812	0.3932
381630	88	POLAR COMM MUT AID	82,973	18,428	14,541	115,942	0.1254	0.2475	0.1254	0.2391
381632	88	RESERVATION TEL COOP	36,766	11,043	7,192	55,001	0.1308	0.3118	0.1308	0.2842
381634	88	SOURIS RIVER TEL MUT	96,284	28,063	30,086	154,433	0.1972	0.3774	0.1948	0.3812
381637	88	W. RIVER MUTUAL AID	82,577	19,361	15,228	117,167	0.1300	0.3303	0.1300	0.3078
300665	88	ALLTEL OHIO-WEST OH	144,996	55,981	27,646	228,623	0.1209	0.2200	0.1209	0.1966
300682	88	C, C & S TELCO -OHIO	2,413	1,290	936	4,639	0.2017	0.2726	0.2017	0.2415
300597	88	CHILLICOTHE TEL	366,406	58,774	29,491	454,672	0.0649	0.1786	0.0649	0.1172
300607	88	CONTEL OF OHIO	19,415	4,982	2,077	26,473	0.0785	0.1950	0.0785	0.1576
300620	88	HARLAN TEL CO	7,210	2,263	1,173	10,645	0.1120	0.3226	0.1102	0.2807
300613	88	LITTLE MIAMI COMM.	11,176	3,101	1,619	15,896	0.1018	0.1877	0.1018	0.1477
431965	88	ALLTEL OKLAHOMA INC	76,187	47,651	18,980	142,818	0.1331	0.3094	0.1329	0.2439
431966	88	ATLAS TEL CO	7,935	5,362	3,703	17,001	0.2178	0.4870	0.2178	0.4165
431974	88	CANADIAN VALLEY TEL	2,811	2,694	1,020	6,525	0.1563	0.3325	0.1563	0.2694
431976	88	CARNEGIE TEL CO INC	11,170	4,921	2,052	18,144	0.1131	0.2629	0.1131	0.2413
431979	88	CHEROKEE TEL CO	30,048	10,712	11,713	52,474	0.2231	0.3608	0.2232	0.3889
431980	88	CHICKASAW TEL CO	47,130	29,719	9,576	86,426	0.1108	0.3008	0.1108	0.2730
431981	88	CHOUTEAU TEL CO	16,618	8,774	3,545	28,937	0.1180	0.2927	0.1225	0.2573
431985	88	CROSS TEL CO	51,311	25,007	10,329	86,647	0.1192	0.2681	0.1192	0.2300
431988	88	DOBSON TEL CO	34,367	12,731	6,445	53,543	0.1204	0.3488	0.1204	0.2918
431994	88	GRAND TEL CO INC	13,830	7,582	4,065	25,477	0.1600	0.4016	0.1596	0.4213
431995	88	HINTON TEL CO	23,519	10,662	3,742	37,923	0.0987	0.2294	0.0987	0.1853
431788	88	KANOKLA TEL ASSN-OK	6,325	3,782	2,560	12,666	0.2021	0.3219	0.2021	0.3360
432006	88	M-CLOUD TEL CO	69,918	16,226	10,092	96,236	0.1049	0.2116	0.1049	0.1696
432010	88	MID-AMERICA TEL INC	7,656	6,111	1,648	15,415	0.1069	0.3037	0.1069	0.2227
432011	88	OKLAHOMA ALLTEL, INC	100,967	34,780	23,567	159,313	0.1481	0.2975	0.1479	0.2877
431984	88	OKLAHOMA COMM SYSTEM	110,137	47,211	20,838	178,185	0.1168	0.2417	0.1169	0.2004
432013	88	OKLAHOMA TEL & TEL	10,644	6,460	2,140	19,244	0.1112	0.2720	0.1112	0.2597



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432014	88	OKLAHOMA WESTERN TEL	13,618	8,517	3,963	26,098	0.1519	0.3455	0.1519	0.2917
432016	88	PANHANDLE TEL COOP	21,894	15,542	14,271	51,707	0.2815	0.4801	0.2760	0.5232
432018	88	PIONEER TEL COOP INC	289,122	124,042	43,309	456,472	0.0946	0.2669	0.0949	0.2259
432020	88	POTTAWATOMIE TEL CO	10,148	6,875	2,220	19,243	0.1154	0.2549	0.1154	0.2105
431831	88	S. CENTRAL TEL - OK	1,273	1,120	919	3,312	0.2775	0.3693	0.2775	0.4210
432030	88	TOTAH TELEPHONE CO	6,839	8,592	3,158	18,590	0.1699	0.3131	0.1699	0.2765
432032	88	VALLIANT TEL CO	18,527	5,216	3,140	26,884	0.1168	0.3182	0.1168	0.2972
432034	88	WYANDOTTE TEL CO	1,712	1,313	1,143	4,168	0.2742	0.5793	0.2742	0.5007
532404	88	ASOTIN TEL - OR	279	262	221	762	0.2894	0.6250	0.2894	0.5851
532359	88	BEAVER CREEK COOP	38,509	10,214	5,148	53,871	0.0821	0.2541	0.0956	0.2279
532304	88	C P NATIONAL CORP-OR	51,982	33,980	17,854	103,817	0.1720	0.4124	0.1720	0.4063
532362	88	CANBY TEL ASSN	61,000	29,485	10,180	100,665	0.1011	0.2810	0.1011	0.2595
532371	88	CASCADE UTIL INC	64,579	20,067	11,113	95,759	0.1160	0.2946	0.1160	0.2765
532363	88	CLEAR CREEK MUTUAL	33,138	7,477	5,028	45,642	0.0962	0.2522	0.1102	0.2323
532364	88	COLTON TEL CO	7,043	4,034	1,659	12,736	0.1303	0.3027	0.1303	0.2656
532449	88	CONTEL OF THE NW- OR	168,648	77,373	36,882	282,902	0.1304	0.2874	0.1304	0.2512
532376	88	HELIX TEL CO.	440	892	319	1,651	0.1933	0.3872	0.1933	0.3637
532377	88	HOME TELEPHONE CO	2,306	1,721	597	4,624	0.1292	0.3051	0.1292	0.2396
532456	88	MALHEUR HOME TEL CO	108,628	13,777	34,830	157,235	0.2215	0.3848	0.2215	0.3586
532226	88	MIDVALE TEL EXCH -OR	781	450	334	1,566	0.2134	0.4064	0.2134	0.4404
532383	88	MOLALLA TEL CO.	37,248	16,935	5,422	59,605	0.0910	0.2563	0.0910	0.2285
532385	88	MONROE TELEPHONE CO.	2,951	3,037	900	6,887	0.1306	0.3604	0.1306	0.3338
532387	88	NEHALEM TEL & TEL	5,655	4,882	1,982	12,519	0.1583	0.3859	0.1583	0.3965
532388	88	NORTH STATE TEL CO.	1,542	1,489	714	3,744	0.1906	0.3402	0.1906	0.2970
532389	88	OREGON TEL CORP	6,485	5,921	2,598	15,004	0.1732	0.3739	0.1732	0.3263
532392	88	PINE TEL SYSTEM INC.	3,283	1,468	1,411	6,162	0.2289	0.4941	0.2289	0.5192
532393	88	PIONEER TEL COOP	59,302	26,924	15,124	101,350	0.1492	0.3533	0.1492	0.3229
532375	88	RTI/HALSEY TEL CO	1,898	4,676	2,821	9,395	0.3003	0.3630	0.3003	0.4219
532397	88	SCIO MUTUAL TEL ASSN	8,376	5,382	2,086	15,843	0.1316	0.2459	0.1316	0.2308
532361	88	TEL UTIL OF OREGON	215,164	137,534	79,203	431,902	0.1834	0.3489	0.1834	0.3146
532378	88	TRANS-CASCADES TEL	420	420	163	1,003	0.1622	0.4133	0.1622	0.3532
170170	88	CONTEL OF PA	464,066	150,694	94,147	708,908	0.1236	0.2574	0.1328	0.2319
170177	88	LACKAWAXEN TEL CO	6,374	4,333	5,669	16,376	0.3462	0.5960	0.3462	0.7837
170183	88	MAHANAY & MAHANTONGO	21,927	10,193	2,116	34,236	0.0622	0.1989	0.0618	0.1482
170192	88	NORTH PENN TEL CO	24,432	8,369	9,260	42,061	0.2194	0.3057	0.2202	0.3653
170194	88	OSWAYO RIVER TEL CO	11,501	2,971	4,600	19,072	0.2412	0.3881	0.2412	0.4590
170201	88	QUAKER STATE TEL CO	226,676	63,813	64,513	355,003	0.1777	0.2911	0.1817	0.2926
170206	88	SUGAR VALLEY TEL CO	5,216	2,611	1,359	9,186	0.1488	0.2569	0.1480	0.2547
633200	88	PUERTO RICO COMM	1,154,159	289,746	88,069	1,531,974	0.0572	0.2308	0.0575	0.1623
240512	88	BLUFFTON TEL. CO.	9,648	7,763	7,091	24,503	0.2920	0.4861	0.2894	0.5841
240526	88	CONTEL OF SC	181,710	24,822	32,837	239,369	0.1355	0.2731	0.1372	0.2731
240520	88	FARMERS TEL COOP	548,781	76,094	80,684	705,558	0.1138	0.2683	0.1144	0.2447
240523	88	HARGRAY TEL CO	202,751	40,156	127,862	370,769	0.3302	0.5269	0.3449	0.5841
240528	88	HORRY TEL COOP	453,263	87,073	125,287	665,622	0.1860	0.2782	0.1882	0.2982
240533	88	MCCLELLANVILLE TEL	9,204	4,209	2,153	15,566	0.1383	0.2946	0.1383	0.1447
240539	88	POND BRANCH TEL CO	77,611	19,777	9,699	107,087	0.0907	0.2134	0.0906	0.1769
240551	88	WILLISTON TEL CO	38,256	9,974	5,054	53,284	0.0942	0.2214	0.0949	0.1890
391647	88	CHEYENNE RIVER SIOUX	20,548	4,052	3,376	27,976	0.1207	0.2808	0.1207	0.2290
391643	88	CONTEL OF S. DAKOTA	58,129	19,582	17,643	95,354	0.1854	0.3396	0.1850	0.3407
391659	88	GOLDEN WEST TELECOMM	94,744	25,921	28,167	148,832	0.1887	0.3473	0.1893	0.3357
391666	88	JEFFERSON TEL CO -SD	2,189	596	1,798	4,583	0.3924	0.6544	0.3924	0.6998
391667	88	KADOKA TELEPHONE CO	2,532	1,012	1,021	4,565	0.2245	0.5613	0.2237	0.6710
391668	88	KENNEBEC TEL CO	1,264	902	426	2,592	0.1643	0.2834	0.1643	0.2534
391689	88	WEST RIVER COOP	14,973	3,225	3,402	21,600	0.1576	0.3012	0.1575	0.2915
290552	88	ADAMSVILLE TEL CO	82,427	7,863	9,429	99,718	0.0918	0.2456	0.0946	0.2248
290571	88	MILLINGTON TEL CO	269,080	24,225	51,571	344,876	0.1515	0.3381	0.1495	0.2609
290575	88	TENNESSEE TEL CO	544,056	56,309	65,992	666,357	0.0992	0.2026	0.0990	0.1718
290579	88	TWIN LAKES TEL COOP	279,307	37,067	30,047	346,421	0.0881	0.2032	0.0867	0.1735
442121	88	ALLTEL TEXAS INC	20,065	8,359	3,022	31,446	0.0963	0.2538	0.0961	0.1860
442039	88	BIG BEND TEL CO INC	12,887	9,256	3,906	26,049	0.1499	0.3509	0.1499	0.3597
442040	88	BRAZORIA TEL CO	53,558	17,151	4,648	75,357	0.0619	0.1835	0.0617	0.1318
442041	88	BRAZOS TEL COOP INC	1,423	5,172	852	7,447	0.1144	0.1962	0.1144	0.1640
440425	88	CAMERON TEL CO TEXAS	4,013	3,413	1,012	8,437	0.1199	0.2377	0.1199	0.1592
442046	88	CAP ROCK TEL CO INC	13,156	9,881	1,537	24,574	0.0625	0.1987	0.0625	0.1567
442052	88	CENTRAL TEXAS CO-OP	22,342	10,659	2,046	35,047	0.0584	0.1836	0.0584	0.1094
442059	88	COLORADO VALLEY TEL	27,940	15,678	3,677	47,295	0.0778	0.1813	0.0777	0.1445
442066	88	DELL TEL. CO-OP - TX	3,240	1,353	1,208	5,801	0.2083	0.4302	0.2083	0.4286

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1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
442262	88	E N M R TEL COOP-TX	6,177	1,386	829	8,392	0.0988	0.2826	0.0988	0.2419
442068	88	EASTEX TEL COOP INC	178,243	77,513	28,864	284,620	0.1015	0.2215	0.1014	0.1826
442070	88	ETEX TEL COOP INC	76,153	40,386	12,083	128,622	0.0940	0.1924	0.0939	0.1565
442071	88	FIVE AREA TEL CO-OP	12,148	5,532	2,411	20,091	0.1200	0.2596	0.1200	0.2197
442072	88	FORT BEND TEL CO	216,712	43,208	28,017	287,937	0.0981	0.2688	0.0973	0.2317
442076	88	GANADO TELEPHONE CO	7,375	5,175	934	13,485	0.0697	0.1631	0.0693	0.0997
442083	88	GUADALUPE VALLEY TEL	70,402	73,160	21,872	165,434	0.1323	0.2367	0.1322	0.2027
442086	88	HILL COUNTRY CO-OP	57,572	38,324	12,709	108,605	0.1171	0.2502	0.1170	0.2214
442093	88	INDUSTRY TEL CO	6,427	5,698	935	13,060	0.0720	0.1810	0.0716	0.1073
442097	88	KERRVILLE TEL CO	114,642	49,342	19,644	183,629	0.1046	0.3063	0.1070	0.2492
442103	88	LA WARD TEL EXCHANGE	2,532	3,886	688	7,106	0.0969	0.1977	0.0969	0.1232
442101	88	LAKE DALLAS TEL CO	13,540	25,277	7,628	46,446	0.1642	0.3318	0.1642	0.3735
442104	88	LAKE LIVINGSTON TEL	2,184	2,211	684	5,080	0.1347	0.3013	0.1347	0.2009
442109	88	LUFKIN-CONROE TEL EX	690,370	240,429	110,126	1,040,924	0.1003	0.2485	0.1058	0.2083
442112	88	MID-PLAINS RURAL TEL	13,193	9,698	2,052	24,943	0.0823	0.2163	0.0823	0.1734
442116	88	MUENSTER TEL CORP-TX	13,801	10,250	2,239	26,290	0.0853	0.2153	0.0852	0.1812
442117	88	MUSTANG TEL CO	5,909	8,180	3,616	17,705	0.2042	0.5855	0.2042	0.5857
442129	88	PEEPLS TELEPHONE CO	3,910	3,967	828	8,705	0.0951	0.1859	0.0951	0.1358
442130	88	PEOPLES TEL COOP -TX	44,906	24,149	5,474	74,529	0.0734	0.1950	0.0734	0.1624
442131	88	POKA-LAMBRO TEL COOP	22,271	12,812	2,361	37,444	0.0631	0.1807	0.0631	0.1279
442134	88	RIVIERA TEL CO INC	3,677	3,512	1,000	8,188	0.1221	0.2371	0.1221	0.1814
442136	88	ROMAIN TELEPHONE CO	6,041	3,110	1,610	10,762	0.1496	0.2740	0.1496	0.2544
442135	88	SOUTHWEST TEXAS TEL	16,024	14,150	3,676	33,850	0.1087	0.2107	0.1086	0.1699
442147	88	SUGAR LAND TEL CO	459,948	44,725	61,805	566,478	0.1090	0.2772	0.1091	0.2349
442148	88	SWEENEY-OLD OCEAN	17,862	13,666	2,807	34,335	0.0818	0.2345	0.0818	0.1813
442151	88	TAYLOR TEL CO-OP INC	38,636	19,676	6,919	65,231	0.1061	0.1930	0.1061	0.1704
442153	88	TEXAS-MIDLAND TEL	50,317	44,864	11,881	107,062	0.1110	0.2046	0.1110	0.1628
442155	88	TRI - COUNTY TEL - TX	5,521	3,044	669	9,234	0.0728	0.1932	0.0725	0.1121
442156	88	TRINITY VALLEY TEL	45,125	18,639	5,871	69,635	0.0843	0.2462	0.0843	0.1982
442159	88	VALLEY TEL CO-OP -TX	31,620	25,294	4,864	61,778	0.0788	0.2111	0.0787	0.1413
442163	88	WATERWOOD COMM INC	345	1,495	503	2,344	0.2148	0.5636	0.2148	0.5067
442168	88	WES - TEX TEL CO-OP	23,912	11,885	2,735	38,531	0.0710	0.1861	0.0710	0.1459
442166	88	WEST TEXAS RURAL TEL	15,001	7,399	3,152	25,551	0.1234	0.3098	0.1234	0.2801
442170	88	XIT RURAL TEL CO-OP	3,843	3,966	3,635	11,443	0.3177	0.3924	0.3177	0.4077
502284	88	BEEHIVE TEL CO - UT	8,621	1,254	688	10,564	0.0652	0.2180	0.0652	0.0782
502277	88	CENTRAL UTAH TEL INC	7,079	2,152	882	10,112	0.0872	0.2158	0.0872	0.1711
502177	88	CONTEL THE WEST - UT	130,762	30,672	33,175	194,608	0.1705	0.3396	0.1705	0.3619
502278	88	EMERY COUNTY FARMERS	28,271	7,086	3,238	38,595	0.0839	0.2586	0.0839	0.2259
502280	88	KAMAS-WOODLAND TEL	7,595	4,802	1,801	14,198	0.1268	0.2478	0.1268	0.2383
502275	88	NAVAJO COMMUN - UT	821	571	1,431	2,823	0.5068	0.6250	0.5068	0.7565
502286	88	SOUTH CENTRAL UTAH	18,905	4,714	4,332	27,952	0.1550	0.3768	0.1550	0.3789
502287	88	UINTAH BASIN TEL	17,580	6,498	3,759	27,837	0.1350	0.2839	0.1350	0.2666
502288	88	UT-WY TELECOM	3,581	934	871	5,386	0.1618	0.4705	0.1618	0.4336
140070	88	CONTEL OF VERMONT	186,525	71,885	86,479	344,889	0.2406	0.4487	0.2507	0.4951
140058	88	LUDLOW TEL CO	11,835	6,374	7,772	25,981	0.2995	0.4142	0.2992	0.5099
140061	88	NORTHFIELD TEL CO	14,502	6,750	8,957	30,210	0.2965	0.5643	0.2965	0.6434
140062	88	PERKINSVILLE TEL CO	2,101	2,698	1,853	6,652	0.2786	0.4340	0.2786	0.4994
140068	88	TOPSHAM TEL CO	7,715	1,976	2,164	11,856	0.1825	0.3423	0.1825	0.3745
140069	88	WAITSFIELD/FAYSTON	16,249	7,327	13,585	37,161	0.3656	0.6155	0.3656	0.7451
643300	88	VIRGIN ISLANDS TEL	902,981	0	173,158	1,076,139	0.1609	0.3833	0.1609	0.3576
190217	88	AMELIA TEL CORP	28,492	11,352	4,706	44,550	0.1078	0.1953	0.1056	0.1558
190249	88	ROANOKE & BOTETOURT	77,124	24,697	11,960	113,782	0.1036	0.2382	0.1051	0.2257
522404	88	ASOTIN TEL - WA	8,629	1,252	1,500	11,380	0.1318	0.2652	0.1318	0.2816
522449	88	CONTEL OF THE NW-WA	393,547	152,409	82,942	628,898	0.1319	0.3302	0.1319	0.2446
522410	88	COWICHE TELEPHONE CO	6,814	5,938	1,658	14,409	0.1146	0.2843	0.1151	0.2634
522412	88	ELLENSBURG TEL CO	115,983	35,842	27,215	179,040	0.1520	0.2795	0.1520	0.2792
522417	88	HAT ISLAND TEL CO	0	94	13	106	0.1217	0.4469	0.1217	0.2641
522419	88	HOOD CANAL TEL CO	1,501	2,643	949	5,093	0.1858	0.3863	0.1863	0.3827
522423	88	INLAND TEL CO -WA	8,772	3,836	2,405	15,012	0.1602	0.3189	0.1602	0.3202
522426	88	KALAMA TEL CO	8,474	6,344	3,354	18,172	0.1657	0.3957	0.1846	0.4256
522427	88	LEWIS RIVER TEL CO	11,053	10,018	6,505	27,576	0.2366	0.3691	0.2359	0.4140
522431	88	MASHELL TEL CO INC	7,687	8,857	2,574	19,117	0.1346	0.2713	0.1346	0.2615
522436	88	PENINSULA TELECOMM	30,034	15,717	10,529	56,280	0.1827	0.3118	0.1871	0.3274
522437	88	PIONEER TEL CO	3,983	2,318	960	7,261	0.1323	0.2849	0.1323	0.2655
522442	88	ST JOHN TEL CO	2,135	2,273	703	5,111	0.1376	0.2423	0.1376	0.2416
522408	88	TEL UTIL OF WA INC	520,588	299,583	166,460	986,631	0.1687	0.3748	0.1687	0.3293
522446	88	TENINO TELEPHONE CO	11,238	9,802	4,102	25,142	0.1615	0.2408	0.1631	0.2346

TABLE 4.23 B

1988 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FOODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
522447	88	TOLEDO TELEPHONE CO	8,124	4,704	2,640	15,469	0.1707	0.2394	0.1707	0.2357
522451	88	WESTERN WAHAKIAKUM	5,784	2,568	1,476	9,828	0.1502	0.2590	0.1502	0.2501
522452	88	WHIDBEY TEL CO.	31,169	20,121	10,270	61,560	0.1657	0.2844	0.1668	0.2641
522453	88	YELM TELEPHONE CO	38,357	20,724	9,687	68,768	0.1409	0.2724	0.1409	0.2723
200278	88	CONTEL OF WV	303,190	58,913	50,065	412,168	0.1211	0.2340	0.1215	0.2169
200259	88	HARDY TEL CO	22,928	1,451	3,450	27,829	0.1240	0.2516	0.1240	0.2797
200270	88	MOUNTAIN STATE TEL	235,200	41,955	34,618	311,773	0.1098	0.2308	0.1110	0.2124
330844	88	BADGER TELECOM, INC.	33,620	7,978	3,327	44,925	0.0741	0.1839	0.0741	0.1477
330851	88	BONDUEL TEL CO	11,755	3,576	1,116	16,447	0.0691	0.1552	0.0679	0.1238
330856	88	BURLINGTON B&W	16,116	8,964	6,590	31,669	0.2081	0.2854	0.2081	0.3084
330841	88	CENCOM OF WISCONSIN	146,751	44,618	21,100	212,469	0.0979	0.2439	0.0993	0.2165
330859	88	CENTRAL STATE TEL CO	51,279	18,705	7,658	77,641	0.1253	0.2201	0.0986	0.1759
330895	88	CENTURY OF WISCONSIN	485,966	76,081	129,339	691,386	0.1608	0.2578	0.1871	0.2914
330860	88	CHEQUAMEGON TEL COOP	23,403	9,994	8,616	42,013	0.2051	0.3604	0.2051	0.3989
330870	88	CRANDON TEL CO	15,052	5,022	2,126	22,200	0.0959	0.2035	0.0958	0.1770
330876	88	DODGE COUNTY TEL CO	7,440	2,359	699	10,498	0.0663	0.1563	0.0666	0.1035
330914	88	EASTCOAST TELECOM	29,273	7,622	3,896	40,791	0.0955	0.2157	0.0955	0.1763
330882	88	FENNIMORE TEL CO	12,273	4,844	1,871	18,988	0.0983	0.2385	0.0985	0.1866
330888	88	GREENWOOD TEL CO	9,667	2,556	1,100	13,322	0.0858	0.1906	0.0825	0.1502
330891	88	HEADWATERS TEL CO	13,488	6,438	4,266	24,193	0.1759	0.2965	0.1764	0.2926
330936	88	INDIANHEAD TEL CO	7,666	4,127	2,139	13,932	0.1535	0.3163	0.1535	0.2838
330898	88	LARSEN-READFIELD TEL	11,806	6,603	1,512	19,921	0.0759	0.1794	0.0759	0.1281
330908	88	MARQUETTE-ADAMS COOP	10,206	5,687	6,491	22,384	0.2920	0.4478	0.2900	0.4506
330909	88	MIDWAY TEL CO	56,645	17,003	11,144	84,792	0.1314	0.2200	0.1314	0.1990
330913	88	MONROE COUNTY TEL CO	71,945	18,995	18,280	109,220	0.1674	0.2888	0.1674	0.2791
330916	88	MOUNT HOREB TEL CO	28,099	5,041	3,798	36,938	0.1002	0.2411	0.1028	0.2128
330917	88	MT VERNON TEL CO	53,170	11,227	7,982	72,379	0.1103	0.2295	0.1103	0.1859
330922	88	NORTH-WEST TEL CO	475,397	142,007	91,865	709,269	0.1221	0.2484	0.1295	0.2047
330931	88	PEOPLES TEL CO	39,123	14,719	6,131	59,973	0.1022	0.2181	0.1022	0.1885
330934	88	PLATTEVILLE TEL CO	51,317	17,420	13,042	81,780	0.1538	0.3015	0.1595	0.2627
330937	88	PRICE COUNTY TEL CO	3,641	7,548	5,654	16,842	0.3357	0.2755	0.3357	0.3378
330940	88	RHINELANDER TEL CO	89,089	25,916	18,185	133,190	0.1289	0.2376	0.1365	0.2239
330945	88	SCANDINAVIA TEL CO	13,234	6,231	2,638	22,103	0.1245	0.2550	0.1194	0.2348
330950	88	OLON SPRINGS TEL CO	81,889	25,705	26,256	133,850	0.1962	0.3260	0.1962	0.3356
330952	88	SOUTHEAST TEL OF WISCONSIN	48,140	17,654	8,258	74,052	0.1115	0.2097	0.1115	0.1970
330954	88	STOCKBRIDGE & SHERWD	15,937	6,245	1,905	24,087	0.0792	0.2097	0.0791	0.1062
330956	88	UNIVERSAL OF N WISC	60,911	24,135	14,712	99,759	0.1475	0.2759	0.1475	0.2503
330964	88	URBAN TEL CORP	135,709	48,324	16,803	200,836	0.0806	0.2203	0.0837	0.1692
330963	88	UTELCO, INC	95,327	24,563	20,358	140,249	0.1280	0.2664	0.1452	0.2878
330965	88	VALDERS TEL CO	15,515	5,069	1,627	22,212	0.0747	0.1820	0.0733	0.1186
330974	88	WOOD COUNTY TEL CO	191,305	37,235	29,987	258,527	0.0969	0.2208	0.1160	0.1679
512291	88	DUBOIS TEL EXCHANGE	6,600	2,728	4,024	13,351	0.3014	0.6188	0.3014	0.6910
512294 *		MEDICINE BOW TEL CO	3,214	889	610	4,713	0.1273	0.6206	0.1294	0.3006
512251	88	RANGE TEL COOP - WY	11,759	3,404	3,946	19,109	0.2065	0.4949	0.2065	0.4844
512295	88	SILVER STAR TEL-WY	5,309	1,336	2,842	9,487	0.2996	0.6063	0.2996	0.6658
512299	88	TEL. UTIL. OF WY.	14,791	6,095	10,090	30,975	0.3257	0.6380	0.3257	0.5846
512297	88	UNION TELEPHONE CO	24,826	5,681	10,030	40,536	0.2474	0.5903	0.2474	0.6443
512290	88	UTAH-WYOMING TELECOM	1,442	307	844	2,593	0.3255	0.6125	0.3255	0.6444
TOTAL (584 STUDY AREAS)			49,854,634	14,507,307	10,222,611	74,584,552				

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - COMPANIES FOR WHICH NECA COMPUTED DATA

TABLE 4.23 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
250302	89	ALLTEL ALABAMA	208,971	46,200	26,921	282,093	0.0942	0.2666	0.0954	0.2218
250284	89	BUTLER TEL CO	60,000	7,386	9,720	77,105	0.1261	0.2720	0.1261	0.2974
250281	89	CONTEL OF THE SOUTH	1,121,899	194,708	131,429	1,448,036	0.0877	0.2328	0.0908	0.1618
250297	89	GROVE HILL TEL CORP	19,122	7,520	2,908	29,550	0.0991	0.2311	0.0984	0.2134
250298	89	GULF TEL CO - AL	193,838	33,570	55,747	283,154	0.1924	0.3166	0.1969	0.3661
250300	89	HOPPER TEL. CO INC	25,470	9,678	2,865	38,014	0.0754	0.1938	0.0754	0.1586
250304	89	MILLRY TEL CO	55,001	12,027	9,329	76,357	0.1225	0.2905	0.1222	0.2994
250306	89	MONROEVILLE TEL CO	149,601	25,536	27,558	202,695	0.1327	0.2454	0.1360	0.2633
250314	89	PEOPLES TEL CO	137,075	20,395	18,720	176,190	0.1066	0.2216	0.1062	0.2165
250316	89	RAGLAND TEL CO	9,893	3,496	1,253	14,642	0.0856	0.2193	0.0856	0.1788
250318	89	SOUTHLAND TEL CO-AL	158,784	23,758	21,565	204,107	0.1055	0.2583	0.1057	0.2460
613000	89	ANCHORAGE TEL UTIL	1,837,019	165,759	358,341	2,361,118	0.1527	0.3971	0.1518	0.3603
613001	89	ARCTIC SLOPE TEL	8,608	13,079	10,338	32,025	0.3228	0.5500	0.3228	0.6869
613003	89	BRISTOL BAY TEL COOP	6,294	3,765	3,458	13,516	0.2558	0.5500	0.2558	0.6436
613004	89	BUSH-TELL INC.	3,436	2,830	593	6,858	0.0864	0.3689	0.0864	0.2752
613006	89	COPPER VALLEY TEL	41,356	18,241	18,445	78,042	0.2364	0.4472	0.2364	0.5934
613007	89	CORDOVA TEL COOP	12,607	4,486	6,251	23,344	0.2678	0.5450	0.2678	0.7418
613008	89	FAIRBANKS MUNICIPAL	353,247	40,627	75,895	469,768	0.1616	0.3767	0.1616	0.3969
613010	89	GLACIER STATE TEL CO	313,664	63,012	93,937	470,612	0.1996	0.4689	0.1996	0.5238
613009	89	GTE ALASKA INC.	91,125	38,279	31,230	160,634	0.1943	0.4164	0.1944	0.4602
613011	89	INTERIOR TEL CO INC	12,801	9,281	14,930	37,012	0.4034	0.5500	0.4034	0.7875
613012	89	JUNEAU & DOUGLAS TEL	172,618	30,888	54,515	258,021	0.2113	0.4493	0.2113	0.5525
613013	89	KETCHIKAN PUBLIC UT	77,960	10,834	27,742	116,536	0.2381	0.4542	0.2381	0.6162
613015	89	MATANUSKA TEL ASSOC	274,744	64,712	88,983	428,439	0.2077	0.3479	0.2077	0.3871
613016	89	MUKLUK TEL CO INC	2,986	3,000	909	6,896	0.1318	0.3537	0.1318	0.2852
613018	89	NUSHAGAK TEL COOP	12,586	4,947	3,605	21,138	0.1705	0.4601	0.1705	0.5468
613019	89	OTZ TEL COOPERATIVE	13,538	10,433	4,269	28,240	0.1512	0.3106	0.1512	0.3186
613020	89	SITKA TELEPHONE CO	54,855	26,753	29,263	110,871	0.2639	0.4649	0.2639	0.5806
613022	89	TEL UTIL OF ALASKA	24,799	2,191	12,135	39,126	0.3102	0.6500	0.3102	0.8094
613023	89	UNITED UTILITIES INC	22,363	17,329	4,580	44,273	0.1035	0.2953	0.1035	0.2244
613025	89	YUKON TEL CO INC	1,542	1,892	887	4,322	0.2053	0.5500	0.2053	0.5019
452171	89	ARIZONA TELEPHONE CO	3,636	5,937	3,685	13,258	0.2779	0.5500	0.2779	0.5681
452172	89	CITIZENS UTILITIES	292,843	42,400	178,989	514,232	0.3481	0.5252	0.3481	0.6380
452302	89	CONTEL CALIF - AZ	33,598	11,317	18,424	63,339	0.2913	0.4524	0.2909	0.6251
452177	89	CONTEL OF WEST-AZ	154,068	62,328	57,804	274,200	0.2108	0.3347	0.2108	0.3681
452275	89	NAVAJO COMMUN-AZ	47,548	32,694	33,564	113,807	0.2808	0.5443	0.2949	0.6666
452173	89	PAPAGO TRIBAL UTIL.	7,181	3,831	1,479	12,491	0.1200	0.3532	0.1184	0.3722
452175	89	UNIVERSAL TEL OF SW	7,376	2,802	1,857	12,035	0.1543	0.4131	0.1543	0.3783
452176	89	VALLEY TEL COOP-AZ	9,904	7,461	7,073	24,438	0.2894	0.4899	0.2894	0.5793
401691	89	ALLTEL ARKANSAS INC	631,218	186,657	141,466	959,341	0.1430	0.2861	0.1475	0.2306
401692	89	ARKANSAS TEL CO	56,562	9,232	11,906	77,701	0.1443	0.3872	0.1532	0.4381
401697	89	CENTRAL ARKANSAS TEL	21,331	6,206	3,123	30,660	0.1019	0.2486	0.1019	0.2162
401705	89	CENTURY OF ARKANSAS	108,263	24,225	28,016	160,505	0.1746	0.3101	0.1746	0.3502
401698	89	CLEVELAND COUNTY TEL	18,891	8,274	3,074	30,239	0.1017	0.2775	0.1017	0.2406
401730	89	CONTEL OF ARKANSAS	745,969	208,017	151,835	1,105,821	0.1373	0.2803	0.1373	0.2253
401699	89	DECATUR TEL CO INC	4,236	2,925	1,886	9,048	0.2085	0.5309	0.2085	0.5764
401709	89	MADISON COUNTY TEL	20,645	6,157	4,949	31,750	0.1559	0.2764	0.1559	0.3147
401711	89	MOUNTAIN HOME TEL	85,047	22,646	39,009	146,702	0.2663	0.3702	0.2659	0.4805
401713	89	NORTH ARKANSAS TEL	26,022	10,069	11,813	47,904	0.2441	0.3989	0.2466	0.5068
401717	89	PERCO TELEPHONE CO	18,003	7,089	3,734	28,826	0.1295	0.2520	0.1295	0.2569
401720	89	REDFIELD TEL CO	8,149	5,527	2,011	15,687	0.1282	0.3176	0.1282	0.3345
401702	89	SOUTH ARKANSAS TEL	32,264	8,714	4,688	45,666	0.1027	0.2670	0.1027	0.2488
401726	89	TRI-COUNTY TEL CO-AR	47,962	9,822	8,980	66,764	0.1347	0.2542	0.1345	0.3592
401727	89	UNION TEL CO INC	7,330	2,400	2,580	12,310	0.2096	0.3249	0.2096	0.4283
401729	89	WALNUT HILL TEL CO	36,246	10,207	8,930	55,384	0.1612	0.3590	0.1612	0.4163
401733	89	YELCOT TEL CO INC	24,971	5,787	5,587	36,345	0.1537	0.3154	0.1537	0.3526
401734	89	YELL COUNTY TEL CO	35,629	10,590	5,132	51,350	0.0994	0.2423	0.0999	0.2189
542304	89	C P NATIONAL CORP-CA	69,809	41,196	14,142	125,147	0.1126	0.2681	0.1130	0.2199
542301	89	CALAVERAS TEL CO	6,965	9,592	2,204	18,761	0.1175	0.2492	0.1175	0.2336
542311	89	CALIF-OREGON TEL CO	10,785	5,331	5,955	22,070	0.2698	0.4359	0.2698	0.5945
542308	89	CITIZENS UTIL OF CA	626,112	224,291	84,730	935,133	0.0906	0.2379	0.0906	0.1512
542313	89	DUCOR TELEPHONE CO	2,316	3,119	535	5,971	0.0896	0.2270	0.0896	0.1517
542315	89	EVANS TEL CO.	52,802	44,198	9,526	106,526	0.0894	0.2146	0.0894	0.1789
542318	89	FORESTHILL TEL CO.	6,954	9,076	1,611	17,641	0.1044	0.2573	0.0913	0.2626
542321	89	HAPPY VALLEY TEL CO	26,633	9,652	2,592	38,877	0.0667	0.2070	0.0667	0.1507
542322	89	HORNITOS TEL CO	571	2,453	359	3,383	0.1061	0.2525	0.1061	0.2200
542324	89	KERMAN TELEPHONE CO	49,073	16,859	3,218	69,151	0.0465	0.1826	0.0465	0.1116

TABLE 4.23 C

 1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
 DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
542346	89	PINNACLES TEL CO	237	2,131	434	2,801	0.1548	0.3546	0.1548	0.2954
542332	89	PONDEROSA TEL CO	29,348	25,296	6,520	61,164	0.1066	0.2148	0.1066	0.1887
542334	89	ROSEVILLE TEL CO	806,906	208,710	78,951	1,094,568	0.0722	0.2160	0.0721	0.1149
542338	89	SIERRA TELEPHONE CO	88,391	51,936	13,776	154,103	0.0896	0.2225	0.0894	0.1503
542339	89	SISKIYOU TEL CO	16,867	16,412	5,773	39,051	0.1478	0.2903	0.1478	0.3185
542342	89	TUOLUMNE TEL CO	20,904	20,557	4,202	45,663	0.0921	0.2589	0.0920	0.2353
542343	89	VOLCANO TEL CO	32,855	31,310	7,714	71,878	0.1071	0.2190	0.1073	0.2079
542323	89	WINTERHAVEN TEL. CO.	3,829	1,491	5,054	10,374	0.4872	0.1124	0.4872	0.3946
462192	89	BIG SANDY TELCOMM	3,539	2,415	1,188	7,141	0.1663	0.2973	0.1663	0.3529
462181	89	BIJOU TEL COOP ASSOC	4,580	3,798	1,884	10,262	0.1836	0.3271	0.1836	0.3507
462182	89	BLANCA TEL CO	1,088	758	637	2,483	0.2565	0.5061	0.2565	0.6144
462204	89	COLUMBINE TEL CO	1,912	1,546	1,272	4,730	0.2689	0.4808	0.2689	0.5948
462184	89	DELTA COUNTY TEL CO	56,451	10,262	13,926	80,639	0.1727	0.2818	0.1727	0.3538
462185	89	EAGLE TELECOMMUN INC	28,757	15,314	17,423	61,495	0.2833	0.4416	0.2833	0.6143
462186	89	EASTERN SLOPE RURAL	19,643	13,724	8,227	41,593	0.1978	0.3188	0.1978	0.3958
462187	89	EL PASO COUNTY TEL	12,406	9,050	4,610	26,066	0.1769	0.3105	0.1769	0.3864
462188	89	FARMERS TEL CO - CO	1,304	1,005	518	2,827	0.1832	0.3749	0.1832	0.4220
462190	89	HAXTUN TEL CO	6,465	4,619	2,283	13,366	0.1722	0.2977	0.1708	0.3231
462193	89	NUCLA-NATURITA TEL	6,007	2,377	1,995	10,378	0.1922	0.3698	0.1922	0.4571
462194	89	NUNN TEL CO	711	840	565	2,116	0.2670	0.4312	0.2670	0.5549
462196	89	PEETZ COOP TEL CO	1,363	633	571	2,567	0.2223	0.3553	0.2223	0.4647
462199	89	PLAINS COOP TEL ASSN	8,499	5,221	2,735	16,455	0.1662	0.2567	0.1662	0.3007
462203	89	RYE TELEPHONE CO	8,107	4,120	2,764	14,991	0.1844	0.3608	0.1844	0.4294
462207	89	STRASBURG TEL CO	3,749	3,503	1,860	9,112	0.2041	0.3318	0.2041	0.3757
461835	89	SUNFLOWER TEL - CO	1,320	948	923	3,191	0.2892	0.3678	0.2892	0.5067
462208	89	UNIVERSAL TEL CO -CO	28,675	6,608	14,490	49,773	0.2914	0.5651	0.2911	0.6342
462209	89	WIGGINS TEL ASSOC	5,546	4,655	1,979	12,180	0.1625	0.2721	0.1625	0.2976
210336	89	ALLTEL FLORIDA INC.	564,669	144,428	96,260	805,357	0.1197	0.2544	0.1195	0.2222
210291	89	FLORALA TEL CO	18,030	3,017	2,231	23,278	0.0958	0.2811	0.0958	0.2484
210329	89	GULF TEL CO	90,304	22,156	17,448	129,908	0.1322	0.2248	0.1343	0.2567
210331	89	INDIANTOWN SYSTEM	12,431	11,550	4,838	28,820	0.1712	0.3437	0.1679	0.4132
210335	89	NORTHEAST FLORIDA	53,595	19,232	8,923	81,751	0.1092	0.2266	0.1092	0.2327
210338	89	QUINCY TEL CO-FL DIV	121,698	28,480	19,524	169,702	0.1120	0.2226	0.1151	0.2306
210339	89	SAINT JOSEPH TEL & TEL	178,152	51,916	39,898	269,966	0.1469	0.3109	0.1478	0.3016
210318	89	SOUTHLAND TEL-FL	46,974	4,736	6,746	58,455	0.1154	0.2676	0.1154	0.2728
210330	89	VISTA-UNITED TELCOM	113,535	28,887	73,418	215,840	0.3092	0.4677	0.3401	0.7545
220344	89	ALMA TEL CO	61,254	13,517	6,593	81,364	0.0803	0.2037	0.0810	0.1689
220347	89	BRANTLEY TEL CO	33,338	9,249	4,424	47,011	0.0922	0.2170	0.0941	0.2026
220351	89	CAMDEN TEL & TEL CO	114,409	17,887	48,213	180,509	0.2522	0.4425	0.2671	0.4505
220355	89	CITIZENS TEL CO - GA	46,411	11,040	4,750	62,201	0.0755	0.2233	0.0764	0.1746
220356	89	COASTAL UTILITIES	191,754	58,075	98,806	348,635	0.2842	0.4079	0.2834	0.5242
220281	89	CONTEL OF SOUTH - GA	676,711	175,523	98,021	950,255	0.1021	0.2355	0.1032	0.1669
220358	89	DARIEN TEL CO	33,485	10,294	4,912	48,690	0.1011	0.2593	0.1009	0.2497
220360	89	ELLIJAY TEL CO	68,714	17,465	9,462	95,641	0.0915	0.2106	0.0989	0.1746
220371 +		INTERSTATE TEL CO	151,332	18,930	22,287	192,549	0.1092	0.2488	0.1157	0.2246
220377	89	PINELAND TEL COOP	94,921	23,515	10,232	128,667	0.0789	0.1949	0.0795	0.1485
220379	89	PLANT TEL. CO.	75,952	21,808	10,316	108,076	0.0957	0.2093	0.0955	0.1935
220381	89	PUBLIC SERVICE TEL	91,084	24,866	10,588	126,539	0.0838	0.2019	0.0837	0.1582
220338	89	QUINCY TEL CO-GA DIV	10,354	980	2,119	13,452	0.1575	0.3405	0.1575	0.3594
220386	89	STANDARD TEL CO	348,816	126,332	73,954	549,103	0.1347	0.2179	0.1347	0.2141
220392	89	WAVERLY HALL TEL CO	5,913	3,583	1,467	10,964	0.1338	0.2436	0.1338	0.2305
220394	89	WILKES TEL & ELC CO	117,521	22,700	17,471	157,691	0.1107	0.2147	0.1108	0.2212
472213	89	ALBION TEL CO INC	7,436	2,540	2,092	12,067	0.1733	0.3315	0.1733	0.3875
472215	89	CAMBRIDGE TEL CO	4,913	2,548	1,804	9,266	0.1947	0.3360	0.1947	0.3984
472225	89	CENTURY TEL OF IDAHO	24,095	4,121	9,497	37,714	0.2520	0.3455	0.2518	0.5241
472177	89	CONTEL OF WEST-ID	75,370	38,766	30,949	145,085	0.2133	0.3706	0.2133	0.4260
472218	89	CUSTER TEL COOP	10,932	3,033	3,530	17,495	0.2018	0.5500	0.2018	0.6670
472223	89	GEM STATE UTIL-ID	7,288	3,687	2,500	13,474	0.1855	0.3850	0.1855	0.4309
472423	89	INLAND TEL-ID	772	804	561	2,137	0.2624	0.3225	0.2624	0.4677
472226	89	MIDVALE TEL EXCH INC	1,660	1,095	469	3,224	0.1454	0.2765	0.1454	0.3070
472231	89	PROJECT MUTUAL TEL	84,687	9,921	11,815	106,424	0.1101	0.2813	0.1110	0.2886
472232	89	ROCKLAND TEL CO INC	2,424	1,092	632	4,148	0.1524	0.2980	0.1524	0.3096
472233	89	RURAL TEL CO - ID	363	721	368	1,452	0.2533	0.5500	0.2533	0.6017
472295	89	SILVER STAR TEL- ID	1,570	1,003	856	3,429	0.2496	0.4558	0.2496	0.5437
472234	89	TROY TELEPHONE CO	3,237	2,150	1,687	7,074	0.2385	0.3791	0.2385	0.5026
341000	89	ALLTEL ILLINOIS INC.	292,600	120,832	86,759	500,190	0.1735	0.2988	0.1735	0.3068
341036	89	CONTEL OF ILLINOIS	1,184,677	642,483	301,288	2,128,448	0.1351	0.2597	0.1416	0.2043

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
341004	89	EL PASO TEL CO	10,266	6,857	2,445	19,568	0.1250	0.2481	0.1250	0.2316
341023	89	GRIDLEY TEL CO	5,070	5,449	1,378	11,898	0.1159	0.2531	0.1159	0.2651
341037	89	IL CONSOLIDATED TEL	679,333	263,492	130,318	1,073,143	0.1187	0.2365	0.1214	0.1744
341038	89	INLAND TEL CO	19,674	21,484	5,006	46,164	0.1084	0.2192	0.1084	0.1985
341045	89	LEAF RIVER VLY TEL	2,398	2,367	978	5,743	0.1704	0.2298	0.1704	0.2639
341055	89	MIDLAND TEL CO	21,880	18,479	4,119	44,478	0.0926	0.2200	0.0926	0.1681
341060	89	MOULTRIE INDEPENDENT	4,565	2,569	716	7,850	0.0912	0.2031	0.0912	0.1711
320753	89	CLAY CTY RURAL COOP	83,076	27,064	9,426	119,565	0.0788	0.2226	0.0788	0.1935
320776	89	COMM CORP OF INDIANA	90,341	17,504	20,937	128,782	0.1635	0.4054	0.1626	0.4307
320779	89	CONTEL OF INDIANA	1,626,936	321,133	326,963	2,275,032	0.1056	0.2640	0.1437	0.2097
320797	89	NEW PARIS TEL INC	14,677	4,858	3,640	23,175	0.1428	0.2506	0.1571	0.3003
320800	89	NORTHWESTERN INDIANA	69,956	30,337	21,426	121,719	0.1760	0.3271	0.1760	0.3932
351346	89	ACE TEL ASSN-IA	29,287	9,818	6,502	45,607	0.1431	0.2197	0.1426	0.2597
351105	89	AYRSHIRE FARMERS MUT	1,403	1,470	582	3,455	0.1686	0.2398	0.1686	0.2759
351110	89	BERNARD TEL CO INC	3,303	2,003	731	6,037	0.1210	0.2515	0.1210	0.2286
351127	89	CENTEL OF IOWA	393,761	119,820	104,310	617,891	0.1615	0.3429	0.1688	0.2651
351207	89	CONTEL OF IOWA, INC.	538,472	216,995	129,632	885,099	0.1459	0.2418	0.1465	0.1877
351888	89	GRAND RIVER MUT-IA	48,472	13,986	11,994	74,452	0.1611	0.3161	0.1611	0.3509
351229	89	LOST NATION-ELWOOD	3,410	2,148	850	6,408	0.1326	0.2067	0.1326	0.2251
351316	89	UNITED FARMERS TEL	3,062	1,933	1,831	6,826	0.2682	0.2841	0.2682	0.5304
351327	89	WEBB-DICKENS TEL	1,501	2,129	829	4,458	0.1859	0.2605	0.1859	0.3127
411741	89	ASSARIA TEL EXCHANGE	2,322	2,489	1,033	5,844	0.1767	0.2791	0.1767	0.3201
411746	89	BLUE VALLEY TEL CO	13,033	9,192	3,295	25,519	0.1291	0.2663	0.1291	0.2610
411818	89	CRAW-KAN TEL COOP	73,372	37,631	21,368	132,371	0.1614	0.2784	0.1614	0.3220
411761	89	CUNNINGHAM TEL CO	6,971	4,512	1,904	13,388	0.1471	0.2745	0.1423	0.2721
411764	89	ELKHART TEL CO INC	8,211	2,407	4,300	14,919	0.2883	0.4024	0.2883	0.6109
411781	89	H & B COMMUNICATIONS	4,008	2,722	1,264	7,994	0.1638	0.2923	0.1581	0.2994
411782	89	HOME TEL CO	6,940	5,593	1,721	14,254	0.1207	0.2744	0.1207	0.2574
411785	89	J. B. N. TEL CO INC	11,771	8,714	2,694	23,179	0.1162	0.2651	0.1162	0.2502
411788	89	KANOKLA TEL ASSN-KS	12,010	5,328	3,322	20,661	0.1668	0.3137	0.1608	0.3603
411801	89	MADISON TEL CO INC	4,441	1,758	992	7,191	0.1379	0.2765	0.1379	0.2988
411807	89	MOKAN DIAL INC-KS	12,725	8,056	4,367	25,149	0.1737	0.2922	0.1737	0.3465
411808	89	MOUNDRIDGE TEL CO	14,216	6,463	3,496	24,174	0.1433	0.2774	0.1446	0.3214
411814	89	PEOPLES MUTUAL TEL	6,133	2,714	1,940	10,786	0.1798	0.3501	0.1798	0.3719
411817	89	PIONEER TEL ASSN INC	87,807	26,994	28,383	143,184	0.1982	0.3700	0.1982	0.4287
411826	89	RURAL TEL SERVICE CO	38,904	22,533	9,151	70,588	0.1296	0.2640	0.1296	0.2618
411827	89	S & T TEL COOP ASSN	7,105	5,899	2,944	15,948	0.1846	0.3285	0.1846	0.3604
411831	89	SOUTH CENTRAL TEL - KS	3,837	3,937	1,455	9,229	0.1577	0.2816	0.1577	0.3230
411835	89	SUNFLOWER TEL CO	29,519	10,073	8,579	48,171	0.1781	0.3354	0.1781	0.4098
412030	89	TOTAH TELEPHONE CO	4,917	4,278	2,668	11,863	0.2295	0.3682	0.2249	0.4278
411840	89	TWIN VALLEY TEL INC	12,733	5,140	2,136	20,010	0.1122	0.2514	0.1068	0.2301
411841	89	UNITED TEL ASSN	26,107	17,183	8,551	51,841	0.1649	0.3572	0.1649	0.3835
411317 *		UTC-E. KANSAS	12,794	3,465	2,644	14,130	0.2098	0.3063	0.2098	0.3274
411957 *		UTC-SE KANSAS	12,794	3,465	2,644	14,130	0.2098	0.3063	0.2098	0.3274
411847	89	WHEAT STATE TEL	10,670	8,166	2,998	21,834	0.1373	0.2735	0.1373	0.2649
411849	89	WILSON TEL CO INC	11,490	7,096	3,055	21,641	0.1462	0.2499	0.1412	0.2592
411852	89	ZENDA TEL COMPANY	873	1,067	205	2,145	0.0957	0.2242	0.0957	0.1879
260410	89	CONTEL OF KENTUCKY	823,001	141,001	133,104	1,097,106	0.1203	0.2107	0.1213	0.1585
270431	89	CADDOAN TEL CO	73,750	19,962	24,737	118,449	0.2088	0.2752	0.2088	0.3716
270425	89	CAMERON TEL CO - LA	56,336	22,340	18,366	97,042	0.1893	0.3079	0.1893	0.3582
270423	89	CENTRAL LOUISIANA	152,441	38,832	32,076	223,349	0.1436	0.2129	0.1436	0.2206
270440	89	CENTURY TEL CO	21,868	7,459	4,551	33,878	0.1343	0.1932	0.1343	0.2185
270436	89	CENTURY TEL NORTH LA	53,967	18,042	14,182	86,192	0.1645	0.2421	0.1645	0.2967
270424	89	COASTAL TEL & ELECTR	96,651	30,640	18,101	145,392	0.1245	0.2011	0.1245	0.2103
270429	89	EAST ASCENSION TEL	316,241	62,650	40,850	419,741	0.0973	0.2142	0.0973	0.1937
270430	89	ELIZABETH TEL CO	25,601	5,188	3,938	34,727	0.1134	0.2207	0.1134	0.2229
270434	89	EVANGELINE TEL CO	308,705	74,872	49,987	433,563	0.1154	0.1912	0.1153	0.1642
270433	89	LAFOURCHE TEL CO	119,469	25,307	11,508	156,284	0.0736	0.2493	0.0736	0.1919
270442	89	LOUISIANA WESTERN	32,872	10,973	8,330	52,175	0.1599	0.2320	0.1597	0.2803
270435	89	NORTHEAST LOUISIANA	10,265	4,015	1,985	16,265	0.1221	0.2668	0.1221	0.2596
270438	89	RESERVE TEL CO	17,895	10,615	5,336	33,846	0.1592	0.3081	0.1577	0.3051
100004	89	CHINA TEL CORP	9,586	9,577	4,198	23,361	0.1799	0.3034	0.1797	0.3768
100014	89	CONTEL OF MAINE	212,267	112,450	73,731	398,448	0.1784	0.3138	0.1850	0.3314
100010	89	HAMPDEN TEL CO	22,176	9,939	3,662	35,777	0.1111	0.2727	0.1024	0.2779
100011	89	HARTLAND & ST ALBANS	15,586	8,428	4,056	28,071	0.1445	0.2833	0.1445	0.3252
100003	89	LINCOLNVILLE TEL CO	7,349	2,837	2,880	13,066	0.2206	0.4776	0.2204	0.6063
100024	89	SOMERSET TEL CO	40,325	26,345	13,245	79,914	0.1666	0.2932	0.1657	0.3327

TABLE 4.23 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
100025	89	STANDISH TEL CO	22,308	21,347	12,480	56,135	0.2213	0.3936	0.2223	0.5120
100027	89	UNION RIVER TEL CO	3,259	2,191	1,065	6,516	0.1620	0.3605	0.1635	0.3456
100029	89	UNITY TEL CO., INC.	18,975	10,981	5,682	35,638	0.1561	0.3019	0.1594	0.3532
100031	89	WARREN TEL CO	5,074	6,790	2,128	13,993	0.1521	0.3016	0.1521	0.3367
100034	89	WEST PENOBSCOT TEL	8,036	7,122	2,209	17,368	0.1272	0.2526	0.1272	0.2670
310704	89	ACE TEL OF MICHIGAN	14,134	14,142	2,391	30,667	0.0786	0.2330	0.0780	0.1904
310681	89	ALLTEL MICHIGAN INC.	263,866	169,328	72,922	506,117	0.1441	0.2471	0.1441	0.2242
310679	89	BLOOMINGDALE TEL CO	5,702	7,893	2,176	15,770	0.1395	0.2554	0.1380	0.2822
310682	89	C, C & S TELCO - MI	121,039	57,026	23,127	201,192	0.1153	0.2248	0.1150	0.2132
310683	89	CARR TEL CO	4,040	3,921	1,129	9,090	0.1246	0.3265	0.1242	0.3434
310671 *		CENTURY TEL MIDWEST	29,365	7,952	6,069	36,154	0.1694	0.3063	0.1694	0.3153
310702	89	CENTURY TEL OF MICHIGAN	233,510	163,462	47,582	444,554	0.1072	0.2263	0.1070	0.1871
310685	89	CHATHAM TEL CO - MI	17,747	6,075	2,723	26,545	0.1026	0.2430	0.1026	0.2232
310680	89	CHIPPEWA COUNTY TEL	3,336	2,797	1,070	7,203	0.1486	0.2568	0.1486	0.2880
310713	89	HIAWATHA TEL CO	22,128	11,805	6,063	39,996	0.1473	0.2754	0.1516	0.2833
310711	89	MIDWAY TEL CO	2,802	1,808	913	5,523	0.1653	0.2716	0.1653	0.3186
310714	89	OGDEN TEL CO	3,034	1,155	849	5,037	0.1685	0.3516	0.1685	0.3788
310717	89	ONTONAGON COUNTY TEL	30,214	7,938	6,237	44,389	0.1411	0.2795	0.1405	0.3155
310721	89	PIGEON TEL CO	10,470	11,166	2,126	23,762	0.0900	0.2085	0.0895	0.1779
310728	89	SPRINGPORT TEL CO	6,965	7,508	1,201	15,675	0.0766	0.2235	0.0766	0.1850
310732 +		UPPER PENINSULA TEL	17,647	12,381	6,125	36,154	0.1694	0.3222	0.1694	0.3318
310737	89	WINN TEL CO	1,832	3,791	1,323	6,947	0.1905	0.4423	0.1905	0.4168
310738	89	WOLVERINE TEL CO	66,424	32,482	6,665	105,571	0.0634	0.1962	0.0631	0.1432
361346	89	ACE TEL ASSN-MN	67,550	20,524	30,686	118,760	0.2577	0.2547	0.2584	0.4438
361374	89	ARROWHEAD COMM CORP	2,029	1,905	682	4,615	0.1477	0.2635	0.1477	0.2787
361350	89	ARVIG TEL CO	43,621	18,139	14,148	75,908	0.1850	0.3069	0.1864	0.3662
361370	89	CLARA CITY TEL EXCH	8,568	4,362	1,955	14,886	0.1304	0.2704	0.1313	0.2991
361140	89	CONTEL OF MINNESOTA	761,759	304,176	152,929	1,218,864	0.1234	0.2292	0.1255	0.1679
361385	89	EAST OTTER TAIL TEL	104,060	44,648	27,397	176,105	0.1556	0.2611	0.1556	0.2627
361395	89	GARDEN VALLEY TEL CO	96,386	40,121	16,283	152,789	0.1066	0.2422	0.1066	0.2176
361410	89	JOHNSON TEL CO	5,846	2,697	1,549	10,092	0.1525	0.2821	0.1535	0.3270
361414	89	LAKEDALE TEL CO	57,222	39,420	8,304	104,946	0.0752	0.2111	0.0791	0.1769
361433	89	MID STATE TEL CO	40,716	13,281	5,253	59,251	0.0887	0.2199	0.0887	0.1912
361442	89	NEW ULM TELECOM, INC	72,814	22,558	13,608	108,980	0.1123	0.2552	0.1249	0.2806
361451	89	PAUL BUNYAN RURAL	43,632	12,701	7,523	63,856	0.1178	0.2420	0.1178	0.2481
361483	89	SLEEPY EYE TEL CO	36,519	16,682	6,215	59,416	0.0957	0.2095	0.1046	0.2010
361491	89	TWIN VALLEY-ULEN TEL	20,644	6,922	4,502	32,069	0.1404	0.2288	0.1404	0.2649
280453	89	ALLTEL MISSISSIPPI	140,005	16,677	12,078	168,761	0.0712	0.2698	0.0716	0.2239
280446	89	BAY SPRINGS TEL CO	122,634	20,518	11,346	154,498	0.0734	0.2232	0.0734	0.1846
280452	89	DELTA TEL CO	38,477	5,679	5,091	49,247	0.1034	0.2609	0.1034	0.2251
280454	89	FRANKLIN TEL CO - MS	66,139	15,325	9,755	91,219	0.1069	0.2261	0.1069	0.2187
280456 *		GEORGETOWN TEL CO	29,365	7,952	6,069	36,154	0.1694	0.3063	0.1694	0.3153
280458	89	HOME TEL CO-OLIVE BR	101,808	11,763	43,451	157,023	0.2761	0.4457	0.2767	0.5664
280459	89	HUGHES TEL CO	84,888	6,278	8,535	99,701	0.0856	0.2155	0.0856	0.1916
280461	89	SOUTHEAST MS TEL CO	36,806	7,440	6,931	51,178	0.1356	0.2870	0.1354	0.3922
421885	89	ALLTEL MISSOURI	190,972	72,529	43,120	306,621	0.1406	0.2453	0.1406	0.2464
421865	89	CITIZENS TEL CO - MO	21,509	11,046	4,207	36,762	0.1144	0.2428	0.1144	0.2475
421922	89	CONTEL OF MISSOURI	1,199,318	546,010	363,370	2,108,697	0.1723	0.2672	0.1723	0.2260
421846	89	CONTINENTAL SYS. -MO	327,820	105,888	72,382	506,089	0.1430	0.2959	0.1430	0.2709
421873	89	EASTERN MISSOURI TEL	14,752	10,102	3,574	28,428	0.1247	0.2175	0.1257	0.2165
421882	89	FIDELITY TEL CO	69,128	33,225	13,089	115,441	0.1134	0.2318	0.1134	0.2359
421886 +		GOODMAN TEL CO	6,540	4,626	2,964	14,130	0.2098	0.3599	0.2098	0.3393
421888	89	GRAND RIVER MUT-MO	103,663	30,067	18,583	152,313	0.1220	0.2474	0.1220	0.2315
421929	89	HOLWAY TEL CO	5,206	1,709	539	7,454	0.0723	0.2686	0.0723	0.2047
421901	89	KINGDOM TELEPHONE CO	18,806	12,809	5,782	37,398	0.1546	0.3308	0.1546	0.3231
421908	89	LE-RU TELEPHONE CO	5,274	2,640	2,611	10,526	0.2481	0.3834	0.2481	0.4995
421904	89	MISSOURI TEL CO	131,046	35,531	27,351	193,928	0.1389	0.2378	0.1410	0.2443
421807	89	MOKAN DIAL INC-MO	3,435	2,922	1,107	7,464	0.1483	0.2445	0.1483	0.2652
421931	89	NE MISSOURI RURAL	26,194	9,624	6,070	41,888	0.1449	0.2707	0.1449	0.2983
421934	89	ORCHARD FARM TEL CO	2,008	4,612	983	7,603	0.1293	0.2488	0.1293	0.2178
421951	89	STOUTLAND TEL CO	6,780	3,102	1,283	11,166	0.1149	0.2683	0.1149	0.2376
482235	89	BLACKFOOT TEL COOP	24,280	20,130	10,109	54,519	0.1854	0.4009	0.1854	0.4549
482241	89	HOT SPRINGS TEL CO	2,335	1,389	704	4,428	0.1591	0.4091	0.1591	0.4007
482242	89	INTERBEL TEL COOP	7,139	1,812	2,652	11,603	0.2286	0.4310	0.2286	0.5075
482244	89	LINCOLN TEL CO INC	2,964	2,112	1,176	6,252	0.1881	0.4005	0.1881	0.4540
482246	89	MID-RIVERS TEL COOP	47,785	20,212	9,676	77,673	0.1246	0.2945	0.1246	0.2930
482247	89	NEMONT TEL COOP-MT	9,519	8,640	4,964	23,123	0.2158	0.3321	0.2147	0.4533

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FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
482248	89	NORTHERN TEL COOP	7,424	5,910	3,593	16,927	0.2122	0.4054	0.2122	0.5173
482249	89	NW TEL SYSTEMS, INC.	271,645	83,118	101,558	456,322	0.2226	0.3606	0.2226	0.4124
482250	89	PROJECT TEL CO	13,228	9,737	6,390	29,355	0.2217	0.3276	0.2177	0.4343
482251	89	RANGE TEL COOP-MT	18,918	9,306	6,471	34,695	0.1865	0.3759	0.1865	0.4315
482254	89	SOUTHERN MONTANA TEL	2,736	2,558	1,578	6,872	0.2297	0.5215	0.2297	0.6253
482255	89	THREE-RIVERS TEL COOP	50,570	26,966	17,525	95,061	0.1844	0.3692	0.1844	0.4345
482257	89	TRIANGLE TEL COOP	58,587	30,454	12,762	101,804	0.1254	0.3003	0.1254	0.3043
482258	89	VALLEY RURAL TEL	3,731	2,445	1,026	7,202	0.1424	0.5318	0.1424	0.4891
371516	89	ARAPAHOE TEL CO	6,071	2,748	1,452	10,272	0.1414	0.2895	0.1414	0.3309
371517	89	ARLINGTON TEL CO	6,067	3,695	1,440	11,201	0.1336	0.2758	0.1285	0.2636
372455	89	BENKELMAN TEL CO	7,948	1,726	2,065	11,739	0.1737	0.3446	0.1759	0.4346
371524	89	BLAIR TEL CO	48,295	15,030	12,550	75,876	0.1654	0.2888	0.1654	0.3514
371526	89	CAMBRIDGE TEL CO -NE	6,833	2,867	1,793	11,493	0.1560	0.4216	0.1560	0.4681
371531	89	CLARKS TEL CO	5,126	2,905	1,281	9,311	0.1376	0.2161	0.1376	0.2280
371534	89	COZAD TEL CO	15,610	6,990	4,399	26,999	0.1629	0.2905	0.1629	0.3481
371536	89	CURTIS TEL CO	4,961	2,170	1,091	8,222	0.1327	0.2130	0.1327	0.2311
371537	89	DALTON TEL CO, INC	7,352	3,942	2,622	13,917	0.1884	0.3740	0.1884	0.4189
371540	89	DILLER TEL CO	4,286	2,598	1,080	7,965	0.1356	0.2849	0.1356	0.2821
371542	89	EASTERN NEBRASKA TEL	15,659	7,040	4,730	27,429	0.1724	0.3076	0.1724	0.3560
371577	89	GREAT PLAINS COMMUN	168,969	67,306	40,287	276,562	0.1457	0.2653	0.1457	0.2529
371557	89	HARTMAN TEL EXCH INC	2,342	999	1,283	4,624	0.2774	0.3914	0.2774	0.5232
371558	89	HEMINGFORD COOP TEL	9,555	1,325	1,668	12,548	0.1330	0.2712	0.1330	0.2915
371567	89	KEYSTONE-ARTHUR TEL	899	925	770	2,594	0.2967	0.4680	0.2967	0.5696
371574	89	NEBRASKA CENTRAL TEL	43,941	16,220	8,984	69,145	0.1296	0.2295	0.1299	0.2603
371580	89	PETERSBURG TEL CO	2,532	1,481	415	4,429	0.0938	0.2356	0.0938	0.1867
371586	89	ROCK COUNTY TEL CO	8,254	3,241	1,620	13,115	0.1235	0.2716	0.1235	0.2693
371591	89	SE NEBRASKA TEL CO	33,705	5,707	11,912	51,324	0.2321	0.2874	0.2321	0.4414
371592	89	STANTON TEL CO, INC	7,186	3,081	2,385	12,652	0.1885	0.2144	0.1885	0.2883
371525	89	THREE RIVER TELCO	7,229	3,110	2,321	12,660	0.1833	0.3253	0.1833	0.3842
371597	89	WAUNETA TEL CO	4,212	1,842	1,167	7,221	0.1616	0.3154	0.1616	0.3754
552284 +		BEEHIVE TEL CO - NV	419	107	264	789	0.3341	0.5727	0.3341	0.4009
552304	89	C P NATIONAL-NV	99,079	19,694	57,334	176,107	0.3246	0.5350	0.3256	0.7188
552349	89	CHURCHILL COUNTY TEL	71,220	12,476	29,608	113,305	0.2613	0.4480	0.2613	0.6264
552302	89	CONTEL OF CALIF-NV	117,397	36,435	105,729	259,561	0.3858	0.5400	0.4073	0.8172
552223	89	GEM STATE UTIL-NV	2,059	704	1,309	4,072	0.3214	0.6000	0.3214	0.7000
552351	89	LINCOLN CTY TEL SYS	7,634	4,655	4,236	16,525	0.2563	0.4605	0.2563	0.5624
552353	89	MOAPA VALLEY TEL CO.	19,174	4,320	5,717	29,211	0.1957	0.5053	0.1957	0.5683
552354	89	NEVADA TEL-TELEGRAPH	15,640	5,001	10,819	31,460	0.3460	0.5500	0.3439	0.7896
552356	89	RIO VIRGIN TEL CO	6,364	1,770	5,886	14,020	0.4198	0.5400	0.4198	0.8500
552233	89	RURAL TEL CO - NV	875	1,738	1,998	4,611	0.4333	0.5500	0.4333	0.8054
120038	89	BRETTON WOODS TEL CO	559	524	949	2,031	0.4642	0.5500	0.4670	0.8486
120040	89	CHICHESTER TEL CO	6,382	3,487	2,004	11,873	0.1673	0.3952	0.1688	0.4728
120041	89	CONTEL OF NH	53,185	23,617	31,231	108,034	0.2888	0.4542	0.2891	0.6520
120039	89	GRANITE STATE TEL	36,043	17,781	21,271	75,095	0.2833	0.3615	0.2833	0.5552
120045	89	KEARSARGE TEL CO	23,115	18,937	17,566	59,617	0.2946	0.4978	0.2946	0.6824
120046	89	MERIDEN TEL CO	1,700	1,028	1,969	4,698	0.4192	0.6300	0.4192	0.8023
120047	89	MERRIMAK COUNTY TEL	52,441	22,352	21,749	96,543	0.2222	0.4146	0.2253	0.5529
120049	89	UNION TEL CO	23,285	12,851	13,373	49,508	0.2700	0.6400	0.2701	0.6400
120050	89	WILTON TEL CO - NH	14,893	7,308	9,800	32,002	0.2780	0.5350	0.3062	0.6683
160135	89	WARWICK VALLEY-NJ	36,271	51,178	20,572	108,021	0.1904	0.3189	0.1904	0.4134
492259	89	BACA VALLEY TEL CO	3,110	1,282	1,455	5,847	0.2488	0.4638	0.2488	0.5294
492177	89	CONTEL OF WEST - NM	177,584	71,514	61,254	310,353	0.1974	0.3457	0.1974	0.3860
492066	89	DELL TEL CO-OP - NM	985	609	763	2,357	0.3238	0.5500	0.3238	0.7024
492262	89	ENMR TEL COOP INC-NM	67,457	19,410	35,197	122,064	0.2884	0.3606	0.2884	0.5237
492263	89	LA JICARITA RURAL	16,801	3,540	2,162	22,503	0.0961	0.2544	0.0961	0.2436
492264	89	LEACO RURAL TEL COOP	4,591	2,621	2,375	9,587	0.2505	0.4271	0.2477	0.5596
492275	89	NAVAJO COMMUN - NM	10,252	9,079	11,227	30,558	0.3674	0.5284	0.3674	0.7307
492270	89	PENASCO VALLEY TEL	10,041	5,324	4,184	19,550	0.2140	0.4322	0.2140	0.4776
492272	89	ROOSEVELT CNTY RURAL	13,477	3,370	3,789	20,637	0.1836	0.3064	0.1836	0.3868
492274	89	UNIVERSAL TEL OF SW	20,644	8,943	7,474	37,061	0.2017	0.3701	0.2017	0.4108
492176	89	VALLEY TEL COOP - NM	7,483	2,551	4,462	14,497	0.3089	0.4442	0.3078	0.5904
492268	89	WESTERN NEW MEXICO	27,243	10,459	12,177	49,879	0.2444	0.4146	0.2441	0.5371
150106	89	ALLTEL NY-FULTON	546,559	85,517	81,557	713,633	0.1134	0.2164	0.1143	0.1770
150109	89	ALLTEL NY-JAMESTOWN	512,249	74,931	107,127	694,306	0.1518	0.2496	0.1543	0.2518
150113	89	ALLTEL NY-RED JACKET	19,963	8,811	2,971	31,745	0.0936	0.2297	0.0936	0.1927
150072	89	AU SABLE VALLEY TEL	28,097	19,339	9,839	57,275	0.1718	0.2897	0.1718	0.3165
150077	89	CHAMPLAIN TEL CO	34,441	9,986	12,992	57,420	0.2130	0.3952	0.2263	0.5269



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150078	89	CHAUTAUQUA & ERIE	70,135	25,057	22,766	117,958	0.1930	0.3427	0.1930	0.4286
150081	89	CITIZENS HAMMOND NY	4,493	3,773	1,007	9,272	0.1086	0.2370	0.1086	0.2206
150082	89	CLYMER TEL CO	5,987	2,495	3,331	11,812	0.2793	0.4048	0.2820	0.5409
150085	89	CROWN POINT TEL CORP	5,890	2,964	1,360	10,214	0.1332	0.2588	0.1332	0.2828
150091	89	DUNKIRK & FREDONIA	91,503	22,759	10,695	124,957	0.0856	0.2439	0.0856	0.2222
150092	89	EDWARDS TEL CO	9,840	7,242	1,495	18,577	0.0805	0.2153	0.0805	0.1680
150093	89	EMPIRE TEL CORP	32,634	23,115	11,163	66,913	0.1668	0.2569	0.1668	0.3051
150097	89	GERMANTOWN TEL CO	10,939	9,290	3,240	23,468	0.1380	0.2694	0.1380	0.2618
150099	89	HANCOCK TEL CO	8,159	4,411	2,840	15,409	0.1843	0.2784	0.1843	0.3652
150100	89	HIGHLAND TEL CO	504,587	267,352	193,648	965,587	0.2005	0.2773	0.2005	0.3168
150105	89	MIDDLEBURGH TEL CO	25,525	21,191	6,697	53,412	0.1254	0.2273	0.1254	0.2224
150108	89	NICHOLVILLE TEL CO	12,407	4,311	2,146	18,865	0.1137	0.2255	0.1138	0.2234
150110	89	OGDEN TEL CO	241,667	27,806	29,131	298,604	0.0977	0.2172	0.0976	0.1742
150116	89	PATTERSONVILLE TEL	13,585	4,090	3,003	20,678	0.1452	0.3784	0.1452	0.4262
150119	89	RED HOOK TEL CO	102,378	51,365	27,733	181,476	0.1528	0.2735	0.1528	0.2966
150122	89	SENECA-GORHAM TEL	43,302	38,099	13,425	94,826	0.1416	0.2259	0.1416	0.2770
150128	89	SYLVAN LAKE TEL CO	183,495	74,446	47,607	305,548	0.1558	0.2692	0.1558	0.3014
150084	89	TACONIC TEL CORP	127,621	59,420	38,144	225,185	0.1686	0.3127	0.1694	0.3518
150133	89	VERNON TEL CO	19,634	7,547	3,963	31,144	0.1272	0.2547	0.1272	0.2706
150135	89	WARWICK VALLEY-NY	75,831	47,472	34,244	157,547	0.2174	0.3189	0.2174	0.4050
150136	89	WESTERN COUNTIES TEL	156,793	72,425	46,480	275,698	0.1674	0.2455	0.1686	0.2540
230476	89	ALLTEL CAROLINA-NO	1,233,055	214,021	221,105	1,668,181	0.1330	0.2257	0.1325	0.1719
230468	89	ATLANTIC MEMBERSHIP	161,996	35,380	29,518	226,894	0.1294	0.2348	0.1301	0.2430
230469	89	BARNARDSVILLE TEL CO	13,244	1,114	1,305	15,663	0.0833	0.2239	0.0833	0.1733
230473	89	CITIZENS TEL CO	152,500	24,688	35,690	212,878	0.1671	0.2491	0.1677	0.2867
230474	89	CONCORD TEL CO	873,458	148,809	128,104	1,150,371	0.0998	0.1973	0.1114	0.1308
230509	89	CONTEL OF NC	1,025,307	178,350	196,357	1,400,014	0.1382	0.2689	0.1403	0.2303
230481	89	HEINS TEL CO	152,552	57,005	39,576	249,133	0.1588	0.2270	0.1589	0.2284
230502	89	STAR MEMBERSHIP CORP	147,264	36,262	17,723	201,249	0.0881	0.1862	0.0881	0.1507
230510	89	WILKES MEMBERSHIP	125,682	11,079	6,147	142,907	0.0423	0.1672	0.0430	0.0940
381607	89	CONSOLIDATED COOP	39,583	10,178	7,020	56,781	0.1258	0.2961	0.1236	0.3057
381447	89	CONTEL OF N. DAKOTA	92,351	22,737	16,159	131,247	0.1235	0.2706	0.1231	0.2932
381616	89	INTER-COMMUNITY TEL	9,515	4,188	1,916	15,619	0.1227	0.2320	0.1227	0.2406
381617	89	MIDSTATE TEL CO	8,861	3,877	3,259	15,997	0.2037	0.3441	0.2037	0.4469
381630	89	POLAR COMM MUT AID	83,906	19,383	16,446	119,735	0.1374	0.2480	0.1374	0.2804
381632 +		RESERVATION TEL COOP	36,766	11,043	7,192	55,001	0.1308	0.3040	0.1308	0.2842
381634	89	SOURIS RIVER TEL MUT	96,352	27,462	34,741	158,555	0.2205	0.3520	0.2191	0.4229
381637	89	W. RIVER MUTUAL AID	79,145	20,059	15,626	114,830	0.1361	0.3142	0.1361	0.3315
300665	89	ALLTEL OHIO-WEST OH	161,876	52,394	30,004	244,274	0.1228	0.2260	0.1228	0.2215
300682	89	C, C & S TELCO -OHIO	2,326	1,289	939	4,553	0.2062	0.2681	0.2062	0.3264
300597	89	CHILLICOTHE TEL	412,116	56,676	30,757	499,548	0.0595	0.1929	0.0616	0.1181
300607	89	CONTEL OF OHIO	19,104	4,889	2,526	26,519	0.0952	0.2060	0.0952	0.1900
300620	89	HARLAN TEL CO	7,831	2,594	1,315	11,740	0.1120	0.3081	0.1120	0.2935
300613	89	LITTLE MIAMI COMM.	11,416	3,494	1,696	16,606	0.1021	0.2001	0.1021	0.1831
431965	89	ALLTEL OKLAHOMA INC	74,482	49,494	21,548	145,524	0.1483	0.2976	0.1481	0.2697
431966	89	ATLAS TEL CO	8,673	5,171	3,608	17,452	0.2067	0.4396	0.2067	0.4592
431974	89	CANADIAN VALLEY TEL	2,762	2,842	1,213	6,817	0.1779	0.3201	0.1779	0.3189
431976	89	CARNEGIE TEL CO INC	10,871	4,885	2,066	17,821	0.1159	0.2603	0.1159	0.2678
431979	89	CHEROKEE TEL CO	33,331	10,653	12,207	56,191	0.2170	0.3386	0.2172	0.4459
431980	89	CHICKASAW TEL CO	43,211	30,732	13,545	87,487	0.1553	0.2906	0.1548	0.3219
431981	89	CHOUTEAU TEL CO	16,746	9,792	4,784	31,323	0.1527	0.2841	0.1527	0.3090
431985	89	CROSS TEL CO	51,343	27,716	11,880	90,938	0.1306	0.2645	0.1306	0.2689
431988	89	DOBSON TEL CO	33,445	12,213	6,917	52,575	0.1316	0.3290	0.1316	0.3173
431994	89	GRAND TEL CO INC	13,875	7,419	4,153	25,447	0.1639	0.3712	0.1632	0.4374
431995	89	HINTON TEL CO	20,789	10,463	3,948	35,200	0.1123	0.2335	0.1122	0.2220
431788	89	KANOKLA TEL ASSN-OK	6,292	3,264	2,463	12,019	0.2049	0.3075	0.2049	0.3981
432006	89	MCLLOUD TEL CO	98,914	17,502	10,053	126,469	0.0795	0.2193	0.0795	0.1790
432011	89	OKLAHOMA ALLTEL, INC	104,208	37,862	27,029	169,099	0.1601	0.2880	0.1598	0.3331
431984	89	OKLAHOMA COMM SYSTEM	111,100	49,148	22,907	183,154	0.1248	0.2434	0.1251	0.2269
432013	89	OKLAHOMA TEL & TEL	11,231	6,996	2,333	20,560	0.1135	0.2676	0.1135	0.2657
432014	89	OKLAHOMA WESTERN TEL	16,251	7,850	4,192	28,293	0.1484	0.3264	0.1482	0.3248
432016	89	PANHANDLE TEL COOP	23,239	15,771	14,976	53,986	0.2833	0.4341	0.2774	0.5922
432018	89	PIONEER TEL COOP INC	287,957	124,558	45,590	458,105	0.0987	0.2635	0.0995	0.2206
432020	89	POTTAWATOMIE TEL CO	10,983	7,170	2,535	20,688	0.1225	0.2539	0.1225	0.2471
431831	89	S. CENTRAL TEL - OK	1,594	1,111	976	3,680	0.2652	0.3454	0.2652	0.5013
432030	89	TOTAH TELEPHONE CO	7,160	8,984	3,365	19,509	0.1725	0.3005	0.1725	0.3306
432032	89	VALLIANT TEL CO	18,696	6,001	4,123	28,819	0.1431	0.3045	0.1431	0.3309

TABLE 4.23 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

F	Y	C	L	S	I	T	I	I	I	T
CODE	EAR	ARRIER	OC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
432034	89	WYANDOTTE TEL CO	1,421	1,322	1,472	4,215	0.3492	0.5293	0.3492	0.6394
532404	89	ASOTIN TEL - OR	299	297	252	847	0.2974	0.5500	0.2974	0.6552
532359	89	BEAVER CREEK COOP	37,289	10,498	5,788	53,575	0.0955	0.2533	0.1080	0.2522
532304	89	C P NATIONAL CORP-OR	56,982	34,454	17,824	109,260	0.1631	0.3799	0.1631	0.4227
532362	89	CANBY TEL ASSN	58,829	25,364	14,465	98,659	0.1466	0.2748	0.1466	0.3102
532371	89	CASCADE UTIL INC	70,059	20,470	12,987	103,516	0.1255	0.2856	0.1255	0.3009
532363	89	CLEAR CREEK MUTUAL	35,202	7,428	6,437	49,067	0.1188	0.2518	0.1312	0.2731
532364	89	COLTON TEL CO	7,263	4,144	1,929	13,336	0.1447	0.2922	0.1447	0.3064
532449	89	CONTEL OF THE NW- OR	181,726	83,473	41,455	306,653	0.1352	0.2799	0.1352	0.2562
532376	89	HELIX TEL CO.	437	1,102	539	2,078	0.2595	0.3598	0.2595	0.4714
532377	89	HOME TELEPHONE CO	2,395	1,782	599	4,776	0.1253	0.2941	0.1253	0.2690
532456	89	MALHEUR HOME TEL CO	114,210	13,806	36,250	164,266	0.2163	0.3578	0.2207	0.4014
532226	89	MIDVALE TEL EXCH -OR	761	584	497	1,842	0.2699	0.3751	0.2699	0.5357
532383	89	MOLALLA TEL CO.	40,493	19,312	7,693	67,497	0.1140	0.2550	0.1140	0.2590
532385	89	MONROE TELEPHONE CO.	3,242	3,333	1,246	7,821	0.1593	0.3384	0.1593	0.3725
532387	89	NEHALEM TEL & TEL	7,077	5,558	2,796	15,431	0.1812	0.3587	0.1812	0.4345
532388	89	NORTH STATE TEL CO.	1,642	1,597	813	4,051	0.2006	0.3222	0.2006	0.3671
532389	89	OREGON TEL CORP	6,037	6,792	3,092	15,922	0.1942	0.3491	0.1942	0.3882
532392	89	PINE TEL SYSTEM INC.	3,416	1,623	1,684	6,723	0.2505	0.4453	0.2505	0.5759
532393	89	PIONEER TEL COOP	62,210	30,122	17,523	109,855	0.1595	0.3326	0.1595	0.3599
532375	89	RTI/HALSEY TEL CO	3,120	3,650	2,015	8,784	0.2294	0.3404	0.2294	0.5229
532397	89	SCIO MUTUAL TEL ASSN	8,712	5,749	2,426	16,886	0.1436	0.2468	0.1436	0.2781
532361	89	TEL UTIL OF OREGON	247,654	151,787	97,331	496,772	0.1959	0.3291	0.1959	0.3418
532378	89	TRANS-CASCADES TEL	447	457	188	1,092	0.1723	0.3807	0.1723	0.3919
170170	89	CONTEL OF PA	498,273	157,647	104,176	760,097	0.1318	0.2559	0.1371	0.2445
170177	89	LACKAWAXEN TEL CO	6,951	4,803	6,822	18,576	0.3672	0.5268	0.3672	0.8027
170183	89	MAHANAY & MAHANTONGO	22,141	10,967	2,374	35,482	0.0674	0.2091	0.0669	0.1610
170192	89	NORTH PENN TEL CO	26,247	9,021	10,638	45,906	0.2313	0.2946	0.2317	0.4413
170194	89	OSWAYO RIVER TEL CO	11,719	3,068	5,543	20,330	0.2727	0.3605	0.2727	0.5132
170201	89	QUAKER STATE TEL CO	266,588	70,733	71,537	408,859	0.1726	0.2828	0.1750	0.3057
170206	89	SUGAR VALLEY TEL CO	5,405	2,745	1,515	9,665	0.1576	0.2556	0.1568	0.3047
633200 +		PUERTO RICO COMM	1,154,159	289,746	88,069	1,531,974	0.0572	0.2332	0.0575	0.1623
240512	89	BLUFFTON TEL. CO.	11,476	6,396	13,174	31,045	0.4270	0.4507	0.4243	0.7318
240526	89	CONTEL OF SC	218,540	27,021	42,198	287,759	0.1457	0.2685	0.1466	0.2957
240520	89	FARMERS TEL COOP	581,625	84,287	108,743	774,655	0.1394	0.2646	0.1404	0.2568
240523	89	HARGRAY TEL CO	235,948	45,558	158,608	440,113	0.3571	0.4854	0.3604	0.6021
240528 +		HORRY TEL COOP	453,263	87,073	125,287	665,622	0.1860	0.2747	0.1882	0.2982
240533	89	MCCLELLANVILLE TEL	10,275	4,737	2,569	17,580	0.1461	0.2857	0.1461	0.3067
240539	89	POND BRANCH TEL CO	76,232	21,394	10,333	107,959	0.0959	0.2189	0.0957	0.1965
240551	89	WILLISTON TEL CO	40,467	10,787	5,498	56,752	0.0962	0.2271	0.0969	0.2120
391647	89	CHEYENNE RIVER SIOUX	24,321	4,426	4,653	33,400	0.1393	0.2746	0.1393	0.2754
391643	89	CONTEL OF S. DAKOTA	61,285	23,849	21,839	106,973	0.2044	0.3217	0.2042	0.4056
391659	89	GOLDEN WEST TELECOMM	99,396	24,134	27,904	151,434	0.1841	0.3278	0.1843	0.3625
391666	89	JEFFERSON TEL CO -SD	1,546	712	2,179	4,437	0.4912	0.5400	0.4912	0.8500
391667	89	KADOKA TELEPHONE CO	2,809	1,346	1,181	5,336	0.2218	0.5113	0.2213	0.5137
391668	89	KENNEBEC TEL CO	1,183	977	527	2,687	0.1962	0.2767	0.1962	0.3353
391689	89	WEST RIVER COOP	16,168	3,125	3,607	22,899	0.1576	0.2910	0.1575	0.3317
290552	89	ADAMSVILLE TEL CO	72,665	8,421	12,204	93,290	0.1306	0.2464	0.1308	0.2699
290571	89	MILLINGTON TEL CO	274,607	27,349	50,843	352,799	0.1462	0.3204	0.1441	0.2819
290575	89	TENNESSEE TEL CO	588,961	59,864	81,695	730,519	0.1120	0.2121	0.1118	0.1815
290579	89	TWIN LAKES TEL COOP	299,164	41,009	36,422	376,595	0.0967	0.2126	0.0967	0.1689
442121	89	ALLTEL TEXAS INC	19,245	9,898	3,916	33,059	0.1186	0.2530	0.1184	0.2288
442039	89	BIG BEND TEL CO INC	11,718	9,709	5,530	26,958	0.2051	0.3307	0.2051	0.4206
442040	89	BRAZORIA TEL CO	55,621	18,215	5,275	79,111	0.0673	0.1968	0.0667	0.1481
442041	89	BRAZOS TEL COOP INC	1,209	5,235	931	7,375	0.1262	0.2069	0.1262	0.2144
440425	89	CAMERON TEL CO TEXAS	3,230	3,667	1,179	8,076	0.1460	0.2402	0.1460	0.2272
442046	89	CAP ROCK TEL CO INC	12,447	9,992	2,316	24,755	0.0936	0.2090	0.0936	0.1837
442052	89	CENTRAL TEXAS CO-OP	21,547	12,135	2,765	36,447	0.0759	0.1968	0.0759	0.1397
442059	89	COLORADO VALLEY TEL	24,409	16,081	4,176	44,666	0.0936	0.1950	0.0935	0.1784
442066	89	DELL TEL. CO-OP - TX	2,867	1,679	1,447	5,993	0.2414	0.3942	0.2414	0.5021
442262	89	E N M R TEL COOP-TX	6,274	1,525	1,066	8,866	0.1204	0.2761	0.1203	0.2733
442068	89	EASTEX TEL COOP INC	154,451	65,252	25,445	245,149	0.1038	0.2337	0.1038	0.1949
442070	89	ETEX TEL COOP INC	75,109	41,411	13,537	130,057	0.1041	0.2040	0.1041	0.1935
442071	89	FIVE AREA TEL CO-OP	11,338	5,418	2,649	19,405	0.1366	0.2577	0.1365	0.2657
442072	89	FORT BEND TEL CO	223,487	45,211	32,119	300,817	0.1075	0.2651	0.1068	0.2414
442076	89	GANADO TELEPHONE CO	9,085	5,938	831	15,855	0.0527	0.1805	0.0524	0.1086
442083	89	GUADALUPE VALLEY TEL	71,470	85,128	25,697	182,294	0.1411	0.2394	0.1410	0.2377

TABLE 4.23 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
442086	+	HILL COUNTRY CO-OP	57,572	38,324	12,709	108,605	0.1171	0.2502	0.1170	0.2214
442093	89	INDUSTRY TEL CO	5,843	5,896	1,043	12,782	0.0821	0.1914	0.0816	0.1327
442097	89	KERRVILLE TEL CO	116,562	48,393	24,425	189,380	0.1260	0.2950	0.1290	0.2681
442103	89	LA WARD TEL EXCHANGE	2,069	4,222	841	7,132	0.1179	0.2082	0.1179	0.1793
442101	89	LAKE DALLAS TEL CO	11,485	29,936	11,589	53,011	0.2186	0.3154	0.2186	0.4350
442104	89	LAKE LIVINGSTON TEL	2,168	2,386	729	5,283	0.1384	0.2911	0.1381	0.2491
442109	89	LUFKIN-CONROE TEL EX	696,973	248,665	121,771	1,067,409	0.1119	0.2488	0.1141	0.1880
442112	89	MID-PLAINS RURAL TEL	10,656	9,844	3,317	23,817	0.1396	0.2231	0.1393	0.2337
442116	89	MUENSTER TEL CORP-TX	14,045	11,608	2,911	28,563	0.1021	0.2223	0.1019	0.2128
442117	89	MUSTANG TEL CO	5,479	8,635	4,930	19,044	0.2589	0.5355	0.2589	0.6368
442130	89	PEOPLES TEL COOP -TX	45,297	25,869	8,686	79,853	0.1088	0.2060	0.1088	0.2014
442131	89	POKA-LAMBRO TEL COOP	14,987	14,869	5,362	35,217	0.1524	0.1945	0.1523	0.2082
442134	89	RIVIERA TEL CO INC	3,697	3,432	1,230	8,358	0.1471	0.2397	0.1471	0.2450
442136	89	ROMAIN TELEPHONE CO	6,112	2,874	1,603	10,589	0.1514	0.2692	0.1514	0.2992
442135	+	SOUTHWEST TEXAS TEL	16,024	14,150	3,676	33,850	0.1087	0.2156	0.1086	0.1699
442147	89	SUGAR LAND TEL CO	501,123	52,824	66,583	620,530	0.1033	0.2717	0.1073	0.2301
442150	89	TATUM TEL CO	4,272	3,700	903	8,874	0.1017	0.2724	0.1017	0.1524
442151	89	TAYLOR TEL CO-OP INC	38,877	20,909	7,672	67,458	0.1138	0.2044	0.1137	0.2101
442153	89	TEXAS-MIDLAND TEL	56,509	44,502	12,376	113,387	0.1092	0.2137	0.1092	0.1826
442155	89	TRI - COUNTY TEL - TX	5,209	3,262	802	9,273	0.0869	0.2046	0.0865	0.1493
442156	89	TRINITY VALLEY TEL	46,533	19,842	7,083	73,458	0.0964	0.2470	0.0964	0.2213
442159	+	VALLEY TEL CO-OP -TX	31,620	25,294	4,864	61,778	0.0788	0.2159	0.0787	0.1413
442163	89	WATERWOOD COMM INC	143	1,519	619	2,281	0.2715	0.5009	0.2715	0.5797
442168	89	WES - TEX TEL CO-OP	26,585	11,949	3,155	41,690	0.0757	0.1989	0.0757	0.1650
442166	89	WEST TEXAS RURAL TEL	11,501	7,745	4,088	23,334	0.1752	0.2979	0.1752	0.3402
442170	89	XIT RURAL TEL CO-OP	345	4,627	6,145	11,117	0.5528	0.3639	0.5528	0.7405
502284	89	BEEHIVE TEL CO - UT	8,429	1,706	938	11,073	0.0847	0.2244	0.0847	0.2051
502277	89	CENTRAL UTAH TEL INC	7,662	2,388	1,233	11,283	0.1093	0.2226	0.1093	0.2110
502177	89	CONTEL THE WEST - UT	128,928	36,391	38,918	204,237	0.1906	0.3217	0.1906	0.3912
502278	89	EMERY COUNTY FARMERS	29,091	7,691	3,279	40,060	0.0818	0.2569	0.0818	0.2298
502280	89	KAMAS-WOODLAND TEL	9,249	4,710	2,073	16,032	0.1289	0.2483	0.1293	0.2721
502275	89	NAVAJO COMMUN - UT	847	567	1,600	3,014	0.5307	0.5500	0.5307	0.8500
502286	89	SOUTH CENTRAL UTAH	21,325	6,161	6,331	33,817	0.1872	0.3515	0.1872	0.4270
502287	89	UINTAH BASIN TEL	18,105	12,831	3,735	34,671	0.1077	0.2771	0.1077	0.2728
502288	89	UT-NY TELECOM	3,563	1,029	959	5,552	0.1728	0.4264	0.1728	0.4550
140070	89	CONTEL OF VERMONT	188,749	74,600	82,220	345,569	0.2343	0.4090	0.2379	0.4888
140058	89	LUDLOW TEL CO	12,678	6,567	10,077	29,322	0.3437	0.3813	0.3437	0.6361
140061	89	NORTHFIELD TEL CO	14,731	6,909	11,132	32,772	0.3397	0.5143	0.3397	0.7370
140062	89	PERKINSVILLE TEL CO	1,455	2,792	1,852	6,098	0.3037	0.3972	0.3037	0.5967
140068	89	TOPSHAM TEL CO	8,401	2,321	2,634	13,355	0.1972	0.3238	0.1972	0.4262
140069	89	WAITSFIELD/FAYSTON	15,989	7,522	15,409	38,919	0.3922	0.6101	0.3959	0.8500
643300	+	VIRGIN ISLANDS TEL	902,981	0	173,158	1,076,139	0.1609	0.3667	0.1609	0.3576
190217	89	AMELIA TEL CORP	30,972	12,025	5,040	48,037	0.1054	0.2063	0.1049	0.1910
190249	89	ROANOKE & BOTETOURT	77,370	24,566	17,535	119,471	0.1416	0.2406	0.1468	0.2831
522404	89	ASOTIN TEL - WA	8,666	1,314	1,683	11,663	0.1443	0.2622	0.1443	0.3182
522449	89	CONTEL OF THE NW-WA	412,566	177,935	103,121	693,622	0.1487	0.3002	0.1487	0.2247
522410	89	COWICHE TELEPHONE CO	7,224	6,306	1,995	15,525	0.1286	0.2775	0.1285	0.2937
522412	89	ELLENSBURG TEL CO	137,219	37,443	32,485	207,147	0.1568	0.2736	0.1568	0.3052
522417	89	HAT ISLAND TEL CO	0	120	19	139	0.1341	0.4075	0.1341	0.3402
522419	89	HOOD CANAL TEL CO	1,582	2,774	1,097	5,453	0.2006	0.3591	0.2011	0.4352
522423	89	INLAND TEL CO -WA	7,271	3,730	2,245	13,245	0.1695	0.3051	0.1695	0.3642
522426	89	KALAMA TEL CO	8,997	6,853	3,721	19,572	0.1709	0.3666	0.1901	0.4590
522427	89	LEWIS RIVER TEL CO	12,762	11,104	8,262	32,128	0.2392	0.3452	0.2572	0.4984
522431	89	MASHELL TEL CO INC	8,212	9,085	3,484	20,781	0.1676	0.2670	0.1676	0.3228
522436	89	PENINSULA TELECOMM	32,531	15,442	8,474	56,446	0.1501	0.2994	0.1501	0.3472
522437	89	PIONEER TEL CO	4,002	2,387	989	7,379	0.1341	0.2780	0.1341	0.2963
522442	89	ST JOHN TEL CO	2,734	2,247	806	5,787	0.1392	0.2438	0.1392	0.2811
522408	89	TEL UTIL OF WA INC	511,321	327,195	188,010	1,026,525	0.1832	0.3498	0.1832	0.3036
522446	89	TENINO TELEPHONE CO	11,972	10,776	4,484	27,233	0.1648	0.2427	0.1647	0.2926
522447	89	TOLEDO TELEPHONE CO	8,809	4,931	3,410	17,150	0.1988	0.2415	0.1988	0.3225
522451	89	WESTERN WAHAKIAKUM	5,560	2,958	1,832	10,350	0.1770	0.2572	0.1770	0.3188
522452	89	WHIDBEY TEL CO	35,963	23,665	14,263	73,891	0.1919	0.2775	0.1930	0.3402
522453	89	YELM TELEPHONE CO	42,860	24,412	12,585	79,857	0.1576	0.2679	0.1576	0.3208
200278	89	CONTEL OF WV	346,090	55,982	47,259	449,330	0.1049	0.2372	0.1052	0.2129
200259	89	HARDY TEL CO	24,730	1,819	4,235	30,783	0.1376	0.2513	0.1376	0.3124
200270	89	MOUNTAIN STATE TEL	234,688	46,993	40,197	321,878	0.1239	0.2346	0.1249	0.2372
330841	89	CENCOM OF WISCONSIN	152,966	48,683	24,502	226,150	0.1069	0.2451	0.1083	0.2180

TABLE 4.23 C

1989 NON-TIER 1 COST COMPANIES NETWORK USAGE DATA  
DIAL EQUIPMENT MINUTES (IN THOUSANDS) & FACTORS

FCODE	YEAR	CARRIER	LOC DEM	ST DEM	IS DEM	TOT DEM	IS SLU	IS SPF	IS DEM	TR DEM
330859	89	CENTRAL STATE TEL CO	51,780	20,906	9,727	82,413	0.1180	0.2261	0.1180	0.2200
330895	89	CENTURY OF WISCONSIN	477,607	79,650	159,273	716,529	0.2043	0.2562	0.2223	0.3309
330860	89	CHEQUAMEGON TEL COOP	26,572	11,788	11,067	49,427	0.2239	0.3292	0.2239	0.4612
330870	89	CRANDON TEL CO	16,758	5,808	2,556	25,122	0.1019	0.2128	0.1018	0.2069
330891	89	HEADWATERS TEL CO	15,760	6,706	4,314	26,779	0.1605	0.2872	0.1611	0.3314
330936	89	INDIANHEAD TEL CO	7,556	4,413	2,377	14,347	0.1657	0.3030	0.1657	0.3341
330908	89	MARQUETTE-ADAMS COOP	10,531	6,057	6,829	23,417	0.2916	0.4082	0.2916	0.5453
330909	89	MIDWAY TEL CO	53,970	19,574	11,137	84,681	0.1315	0.2260	0.1315	0.2421
330913	89	MONROE COUNTY TEL CO	72,237	20,902	18,534	111,672	0.1665	0.2810	0.1660	0.3305
330916	89	MOUNT HOREB TEL CO	29,195	5,827	4,480	39,501	0.1134	0.2429	0.1134	0.2510
330917	89	MT VERNON TEL CO	65,648	13,637	11,009	90,294	0.1219	0.2336	0.1219	0.2286
330922	89	NORTH-WEST TEL CO	485,055	159,388	99,912	744,354	0.1277	0.2487	0.1342	0.1894
330931	89	PEOPLES TEL CO	33,313	15,202	6,443	54,958	0.1172	0.2245	0.1172	0.2282
330934	89	PLATTEVILLE TEL CO	52,478	19,507	14,404	86,389	0.1605	0.2912	0.1667	0.3172
330937	89	PRICE COUNTY TEL CO	3,669	8,574	6,423	18,666	0.3441	0.2704	0.3441	0.4941
330940	89	RHINELANDER TEL CO	95,195	27,088	21,316	143,598	0.1403	0.2401	0.1484	0.2759
330950	89	OLON SPRINGS TEL CO	69,338	26,766	27,810	123,914	0.2244	0.3108	0.2244	0.3925
330952	89	SOUTHEAST TEL OF WISCONSIN	54,487	19,303	10,015	83,805	0.1192	0.2178	0.1195	0.2348
330956	89	UNIVERSAL OF N WISC	61,066	26,428	15,807	103,302	0.1530	0.2707	0.1530	0.3048
330964	89	URBAN TEL CORP	142,639	52,295	21,638	216,572	0.0970	0.2262	0.0999	0.1902
330963	89	UTELCO, INC	99,395	23,175	21,583	144,153	0.1483	0.2631	0.1497	0.3079
330974	89	WOOD COUNTY TEL CO	202,883	45,656	37,825	286,363	0.1098	0.2266	0.1321	0.1935
512291	89	DUBOIS TEL EXCHANGE	7,436	3,062	4,493	14,991	0.2997	0.5686	0.2997	0.7369
512251	89	RANGE TEL COOP - WY	12,089	3,757	4,413	20,259	0.2178	0.4459	0.2178	0.5246
512295	89	SILVER STAR TEL-WY	5,629	1,538	3,582	10,749	0.3332	0.5350	0.3332	0.7479
512299	89	TEL. UTIL. OF WY.	14,073	6,611	10,430	31,114	0.3352	0.5830	0.3352	0.6968
512297	89	UNION TELEPHONE CO	25,354	5,607	11,426	42,388	0.2696	0.5222	0.2696	0.6419
512290	89	UTAH-WYOMING TELECOM	1,664	373	1,083	3,119	0.3472	0.5400	0.3472	0.7377
TOTAL (564 STUDY AREAS)			51,432,821	15,485,779	11,681,027	78,575,618				

DETAILS MAY NOT ADD TO TOTALS DUE TO ROUNDING

\* - THOSE COMPANIES FOR WHICH NECA COMPUTED DATA

+ - THOSE COMPANIES WHICH SUBMITTED 1988 DATA RATHER THAN 1989 DATA

## 5. Rates and Revenues

This section contains information on telephone price indexes and rate levels. First, it describes and presents a series of price indexes maintained by the Bureau of Labor Statistics. Second, it discusses rate levels and changes in average rate levels. Third, it summarizes rate cases pending before state regulatory commissions. These cases are an important indicator of future local rate changes.

### CHANGES IN THE PRICE OF TELEPHONE SERVICES:

The Bureau of Labor Statistics (BLS) collects information on telephone service as part of three separate programs -- the Consumer Price Index (CPI), the Producer Price Index (PPI), and the Consumer Expenditure Survey. The monthly price indexes represent prices sampled in the middle of the month.

#### A. Long-Term Trends in the Overall Price of Telephone Service:

A Consumer Price Index for telephone services was first published in 1935.<sup>1</sup> Since that time, telephone prices have tended to increase at a slower pace than most other prices. The most recent data show that for the year 1990, the nation's overall level of prices (measured by the CPI for all items) rose by 6.1%. The CPI for telephone services fell by 0.4% during the same period. The CPI for telephone services is composed of three subindexes. During 1990, the local service component (including subscriber line charges) increased by 1.0%, while the price of interstate toll calls fell by 3.7%, and the price of state toll calls fell by 2.2%.

Table 5.1 shows long run changes in the Consumer Price Indexes for all items, all services, telephone services, each of the seven major categories that currently constitute the overall CPI, and several services that are often characterized as public utilities. The price of telephone service has increased less rapidly than almost any other category when viewed over a long period of time.<sup>2</sup>

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1 BLS publishes two sets of Consumer Price Indexes. The CPI-U, used herein, is based on expenditures of all urban consumers. The CPI-W series is based on expenditures of urban wage earners and clerical workers.

2 For a description of the methodologies used by the BLS in calculating price indexes, see Primer and Sourcebook on Telephone Price Indexes and Rate Levels, published by the FCC in April 1987.

**Table 5.1**  
Annual Rate of Change for Various Price indexes\*

	1935 to 1990	1980 to 1990
CPI all items	4.2 %	4.7 %
CPI all services	4.6	6.0
CPI telephone services	2.1	4.2
CPI major categories		
– food & beverages	**	4.3
– housing	**	4.7
– apparel & upkeep	3.3	3.2
– transportation	4.0	3.8
– medical care	5.2	8.1
– entertainment	**	4.7
– other goods & services	**	7.8
CPI public transportation	10.3	7.5
CPI piped gas	3.8	4.0
CPI electricity	2.4	4.5
CPI sewer & water maintenance	**	7.3

\* Exponential rates were calculated using "year average" index values for the first and last years of each comparison period.

\*\* Series not established until after 1935.

B. Recent Annual Changes in the Overall Price of Telephone Service:

The CPI index of telephone services is based on a "market basket" intended to represent the telephone-related expenditures of a typical urban household. It includes both local and long distance services. Changes in telephone prices tend to lag behind other price changes. Overall inflation in the American economy peaked in 1979 and 1980. In contrast, the price of telephone services rose most rapidly during the years 1981 through 1984, with the rate of increase declining since then. The annual rate of change during recent years is shown in Table 5.2 for the Gross National Product fixed weight price index (which reflects inflation throughout the economy), the overall CPI (which measures the impact of inflation on consumers), and the CPI for telephone services.

Table 5.2  
Annual Rate of Change in Price Indexes

	GNP Fixed Weight Price Index	CPI: All Items	CPI: Telephone Services
1978	7.2%	9.0%	0.9%
1979	8.8	13.3	0.7
1980	9.8	12.5	4.6
1981	8.5	8.9	11.7
1982	5.0	3.8	7.2
1983	3.9	3.8	3.6
1984	3.7	3.9	9.2
1985	3.6	3.8	4.7
1986	2.3	1.1	2.7
1987	3.8	4.4	-1.3
1988	4.6	4.4	1.3
1989	4.0	4.6	-0.3
1990	4.7	6.1	-0.4

C. Price Indexes for Local Service:

The Bureau of Labor Statistics publishes a number of price indexes related to local telephone service, two of which are important to the monitoring program. The CPI index of local telephone charges is based on a broadly defined "market basket" of local services that includes monthly service charges, message unit charges, equipment, installation, additional services (such as Touch-Tone and Call Waiting), taxes, subscriber line charges, and all other consumer expenditures associated with local telephone services except long distance charges. In contrast, the PPI index of monthly residential rates is much more narrowly defined. It is based only on monthly service charges for residential service, optional Touch-Tone service, and subscriber line charges. It excludes taxes and all other telephone service charges. The annual rates of change for these two indexes are presented in Table 5.3. In the CPI index, about half of the 1984 increase occurred during January, reflecting adjustments made at the time of AT&T's divestiture of its operating companies.

Table 5.3  
Annual Rate of Change in Price Indexes  
For Local Telephone Service

	CPI: All Local Charges	PPI: Monthly Service Charges For Residential Service
1978	1.4%	3.1%
1979	1.7	1.6
1980	7.0	7.1
1981	12.6	15.6
1982	10.8	9.0
1983	3.1	0.2
1984	17.2	10.4
1985	8.9	12.4
1986	7.1	8.9
1987	3.3	2.6
1988	4.5	4.5
1989	0.6	1.9
1990	1.0	1.5



D. Price Indexes for Long Distance Service:

CPI data are available for intrastate toll and interstate toll services since December 1977. Table 5.4 presents the annual changes in these series for recent years. The high inflation of the late 1970's is reflected in the long distance price increases beginning in 1980. Interstate toll rates have steadily fallen since 1983, and intrastate toll rates have fallen in the last four years.

Table 5.4  
Annual Rate of Change in Price Indexes  
For Long Distance Service

	CPI: Interstate Toll calls	CPI: Intrastate Toll calls
1978	-0.8%	1.3%
1979	-0.7	0.1
1980	3.4	- 0.6
1981	14.6	6.2
1982	2.6	4.2
1983	1.5	7.4
1984	-4.3	3.6
1985	-3.7	0.6
1986	-9.4	0.3
1987	-12.4	-3.0
1988	-4.2	-4.2
1989	-1.3	-2.6
1990	-3.7	-2.2

E. Monthly Price Index Data:

Monthly data for the CPI telephone indexes are shown in Table 5.5. Monthly data for PPI indexes are shown in Table 5.6.

Table 5.5  
Consumer Price Indexes

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
1983 January	97.8	98.1	97.2	100.9	97.3
February	97.9	98.3	96.8	101.6	98.9
March	97.9	98.5	97.0	101.6	99.3
April	98.6	98.4	96.8	101.6	99.5
May	99.2	98.9	97.5	101.6	100.0
June	99.5	99.3	98.1	101.6	100.2
July	99.9	99.5	98.1	101.7	100.9
August	100.2	99.6	98.3	101.7	101.0
September	100.7	99.9	98.6	101.7	101.2
October	101.0	99.7	98.3	101.4	101.6
November	101.2	100.4	99.5	101.4	102.3
December	101.3	99.8	98.3	101.3	102.2
1984 January	101.9	105.0	106.7	101.3	104.2
February	102.4	107.0	110.0	102.1	104.2
March	102.6	106.4	109.1	102.1	104.1
April	103.1	106.7	109.1	102.0	105.6
May	103.4	106.9	109.5	102.3	105.1
June	103.7	107.1	110.7	98.9	106.5
July	104.1	107.7	112.3	96.9	107.5
August	104.5	107.9	112.9	96.8	106.6
September	105.0	108.7	114.3	96.8	106.5
October	105.3	108.8	114.5	97.0	106.5
November	105.3	109.4	115.4	96.9	107.1
December	105.3	109.0	115.2	96.9	105.9
1985 January	105.5	109.3	115.6	96.9	105.9
February	106.0	108.3	113.8	96.9	105.8
March	106.4	109.5	116.0	96.9	106.1
April	106.9	109.4	115.8	96.9	106.0
May	107.3	109.6	116.0	97.4	105.8
June	107.6	112.1	121.3	94.7	106.2
July	107.8	112.9	123.0	93.1	107.5
August	108.0	113.6	123.9	93.3	107.8
September	108.3	113.7	124.2	93.3	107.8
October	108.7	113.8	124.3	93.3	108.0
November	109.0	114.2	125.2	93.3	107.9
December	109.3	114.1	125.5	93.3	106.5
1986 January	109.6	114.6	126.2	93.3	106.7
February	109.3	114.8	126.4	93.3	107.0
March	108.8	115.3	127.2	93.3	107.1
April	108.6	116.5	129.5	93.3	106.8
May	108.9	116.5	129.5	93.3	106.9
June	109.5	118.7	135.6	88.0	106.7
July	109.5	118.7	137.0	84.7	106.7
August	109.7	118.8	137.2	84.4	107.0
September	110.2	118.3	136.5	84.4	106.5
October	110.3	118.9	137.5	84.4	106.8
November	110.4	117.6	135.1	84.4	106.5
December	110.5	117.2	134.4	84.5	106.8

Table 5.5  
Consumer Price Indexes

	All Goods & Services	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
1987 January	111.2	116.6	137.6	77.1	107.0
February	111.6	116.4	137.5	77.1	106.4
March	112.1	116.4	137.4	77.1	106.4
April	112.7	116.7	138.2	77.0	106.3
May	113.1	116.4	138.1	76.7	105.2
June	113.5	115.6	137.5	76.7	102.7
July	113.8	116.6	141.0	73.4	104.0
August	114.4	117.0	141.9	73.4	103.8
September	115.0	116.6	140.9	73.7	103.5
October	115.3	117.0	141.3	73.7	104.1
November	115.4	116.9	141.4	73.7	103.6
December	115.4	115.7	138.9	74.0	103.6
1988 January	115.7	115.8	139.9	72.2	104.1
February	116.0	116.6	141.6	72.2	103.6
March	116.5	116.2	141.1	72.0	103.2
April	117.1	116.6	142.0	72.1	102.9
May	117.5	116.6	142.0	72.1	102.8
June	118.0	115.8	140.8	72.1	102.3
July	118.5	115.8	141.4	72.1	100.3
August	119.0	114.8	139.4	72.1	100.3
September	119.8	115.6	140.6	73.1	100.0
October	120.2	115.8	141.1	73.1	99.4
November	120.3	115.7	140.9	73.1	99.4
December	120.5	117.2	145.2	70.9	99.2
1989 January	121.1	116.8	145.0	70.9	97.4
February	121.6	116.6	144.7	70.8	97.4
March	122.3	116.2	144.1	70.8	96.9
April	123.1	117.2	146.6	70.0	96.8
May	123.8	117.9	147.8	69.8	97.4
June	124.1	117.6	147.2	69.8	97.4
July	124.4	117.8	147.8	69.6	97.0
August	124.6	117.7	147.6	69.6	97.0
September	125.0	117.8	147.9	69.6	96.9
October	125.6	116.9	146.2	69.6	96.7
November	125.9	117.2	146.8	69.6	96.8
December	126.1	116.9	146.0	70.0	96.6
1990 January	127.4	117.6	148.4	69.1	95.2
February	128.0	117.9	149.0	69.0	95.1
March	128.4	118.2	149.7	69.0	95.0
April	128.9	118.4	150.0	69.0	95.1
May	129.2	118.0	149.2	69.0	95.2
June	129.9	118.0	149.2	69.0	95.3
July	130.4	115.5	145.4	67.4	95.4
August	130.6	117.7	149.7	67.4	95.3
September	132.7	117.9	150.1	67.4	95.2
October	133.5	118.6	151.4	67.4	94.8
November	133.8	118.6	151.4	67.4	94.7
December	133.8	116.4	147.5	67.4	94.5

Table 5.6  
 Producer Price Indexes

	Local Services 4811-1	Local Residential Services 4811-111	Local Business Services 4811-112	Local Optional Additional Usage 4811-113	Local Coin Service 4811-114
1983 January	162.6	168.7	170.8	125.9	161.0
February	162.9	169.0	171.2	125.9	161.0
March	163.4	169.5	172.2	125.9	161.0
April	163.1	169.2	172.0	125.7	160.9
May	132.6	168.4	171.5	125.7	161.8
June	163.3	169.1	172.3	126.2	162.9
July	163.8	169.6	173.1	126.2	163.2
August	163.9	169.7	173.2	126.2	163.2
September	164.3	170.2	173.6	126.2	163.4
October	164.7	170.5	174.0	127.0	164.3
November	164.8	170.6	174.1	127.0	164.5
December	164.8	170.6	174.1	127.0	164.5
1984 January	171.2	177.8	180.3	124.3	184.2
February	171.2	177.8	180.3	124.3	184.2
March	171.2	177.7	180.5	124.3	184.4
April	171.9	177.7	183.7	124.3	184.6
May	172.1	178.1	183.7	124.3	184.6
June	177.9	178.6	208.1	124.3	189.0
July	182.2	181.4	211.0	122.5	222.3
August	185.7	186.0	213.7	122.5	227.2
September	187.6	188.7	215.8	122.5	227.2
October	187.7	188.7	215.9	122.5	227.2
November	187.5	188.3	215.9	122.5	227.5
December	187.6	188.4	216.0	122.5	227.5
1985 January	188.9	189.8	218.2	122.5	228.2
February	190.7	191.9	220.7	122.5	228.9
March	190.6	191.1	220.7	122.5	228.9
April	190.6	191.1	220.7	122.5	228.9
May	191.0	192.3	220.9	122.5	230.5
June	200.6	208.8	222.2	122.5	230.7
July	200.8	209.2	222.2	122.5	230.7
August	201.6	210.4	222.9	122.5	230.8
September	202.2	211.0	223.9	122.5	231.2
October	202.3	211.0	224.6	122.5	231.3
November	204.8	211.7	228.0	130.2	233.8
December	204.8	211.7	228.0	130.2	233.8
1986 January	206.5	213.4	230.8	130.3	234.3
February	206.7	213.6	231.3	130.3	234.3
March	206.7	213.6	231.3	130.3	234.3
April	206.7	213.6	231.3	130.3	234.3
May	206.7	213.6	231.3	130.3	234.3
June	216.6	230.3	234.0	130.3	234.6
July	216.6	230.3	234.0	130.3	234.6
August	216.9	230.8	234.1	130.3	234.7
September	217.5	231.3	234.6	131.5	234.9
October	217.5	231.3	234.6	131.5	234.9
November	216.8	230.5	233.6	131.5	234.9
December	216.8	230.5	233.6	131.5	234.9

Table 5.6  
 Producer Price Indexes

	Local Services 4811-1	Local Residential Services 4811-111	Local Business Services 4811-112	Local Optional Additional Usage 4811-113	Local Coin Service 4811-114
1987 January	216.7	230.1	234.0	131.5	235.0
February	216.6	230.0	234.0	131.5	234.9
March	216.8	230.3	234.1	131.5	234.9
April	216.1	229.2	233.5	131.5	234.9
May	216.1	229.2	233.5	131.5	234.9
June	216.1	229.2	233.5	131.5	234.9
July	220.1	236.6	232.7	131.5	234.9
August	219.9	236.6	232.0	131.5	234.6
September	219.3	236.6	231.9	127.8	234.5
October	219.3	236.6	231.8	127.8	234.5
November	219.3	236.6	231.8	127.8	234.5
December	219.3	236.6	231.8	127.7	234.5
1988 January	218.5	235.9	230.2	127.7	234.3
February	218.2	235.5	230.3	127.7	233.1
March	218.4	235.7	230.6	127.7	233.1
April	218.4	235.7	230.6	127.7	233.1
May	218.4	235.7	230.6	127.7	233.1
June	218.3	235.7	230.6	127.7	233.1
July	217.9	235.1	230.0	127.7	233.1
August	218.1	235.4	230.3	127.7	233.1
September	218.2	235.4	230.2	127.7	233.4
October	219.5	235.9	230.8	127.7	246.0
November	219.5	236.0	230.8	127.7	246.0
December	226.4	247.4	233.0	127.7	246.2
1989 January	226.2	246.6	234.3	127.5	246.6
February	226.2	246.6	234.4	127.5	246.6
March	226.3	246.7	234.4	127.5	246.6
April	229.5	252.2	234.8	127.5	246.7
May	229.5	252.2	234.8	127.5	246.7
June	229.5	252.3	234.8	127.5	246.7
July	229.6	252.5	234.9	127.5	246.7
August	229.5	252.2	234.7	127.5	246.7
September	229.4	252.2	234.6	127.5	246.7
October	229.4	252.2	234.5	127.5	246.6
November	229.4	252.2	234.5	127.5	246.6
December	229.4	252.2	234.5	127.5	246.6
1990 January	229.3	252.7	234.0	126.1	246.6
February	229.7	253.1	234.3	126.1	246.7
March	229.6	253.1	234.2	126.1	246.7
April	229.4	252.7	234.2	126.1	246.6
May	229.4	252.8	234.2	126.1	246.6
June	229.4	252.8	234.2	126.1	246.6
July	229.5	252.8	234.4	126.1	246.6
August	229.5	252.8	234.4	126.1	246.6
September	229.5	252.8	234.4	126.1	246.6
October	229.8	253.3	234.6	126.1	246.7
November	231.4	256.0	234.6	126.1	248.5
December	231.4	256.0	234.6	126.1	248.5

Table 5.6  
 Producer Price Indexes

	Toll Service	Intrastate MTS	Interstate MTS	International MTS
	4811-2	4811-211	4811-212	4811-213
1983 January	148.8	151.1	153.4	92.3
February	148.8	151.1	153.4	92.3
March	149.0	151.7	153.4	92.3
April	148.9	151.5	153.4	92.3
May	149.0	151.5	153.4	92.3
June	149.3	152.2	153.4	92.3
July	149.4	152.2	153.4	92.3
August	149.4	152.3	153.4	92.3
September	149.4	152.3	153.4	92.3
October	149.8	153.2	153.4	92.7
November	149.8	153.2	153.4	92.7
December	149.8	153.2	153.4	92.7
1984 January	150.7	155.9	153.4	92.7
February	150.6	155.9	153.4	92.5
March	150.7	155.9	153.4	92.5
April	150.8	156.1	153.4	92.5
May	150.5	155.3	153.4	92.5
June	146.2	155.9	145.6	87.3
July	146.6	157.0	145.6	86.8
August	147.1	158.3	145.6	86.8
September	147.3	158.9	145.6	86.8
October	147.3	158.9	145.6	86.8
November	146.8	157.5	145.6	86.8
December	147.4	159.0	145.6	86.8
1985 January	147.6	159.8	145.6	86.8
February	147.7	159.8	145.6	86.8
March	147.7	159.8	145.6	86.8
April	148.1	161.0	146.6	86.8
May	149.9	162.6	147.9	86.8
June	146.3	162.8	141.3	86.5
July	146.3	162.8	141.3	86.5
August	146.6	163.4	141.3	86.5
September	146.5	163.2	141.3	86.5
October	146.5	163.2	141.3	86.5
November	146.7	163.7	141.3	86.5
December	146.2	162.4	141.3	86.5
1986 January	146.2	162.4	141.3	84.2
February	146.2	162.5	141.3	84.2
March	146.2	162.6	141.3	84.2
April	144.1	156.9	141.3	84.3
May	144.1	156.9	141.3	84.3
June	135.9	156.1	127.2	84.1
July	135.9	156.1	127.1	84.1
August	135.8	156.1	127.1	84.1
September	135.8	156.2	127.1	84.1
October	136.0	156.8	127.1	84.1
November	136.0	156.7	127.1	84.1
December	136.0	156.7	127.1	84.1

Table 5.6  
 Producer Price Indexes

	Toll Service	Intrastate MTS	Interstate MTS	International MTS
	4811-2	4811-211	4811-212	4811-213
1987 January	128.8	156.1	115.3	84.0
February	128.5	155.4	115.3	84.0
March	128.5	155.4	115.3	84.0
April	128.4	155.2	115.3	84.0
May	128.1	154.4	115.3	84.0
June	128.0	154.2	115.3	84.0
July	125.4	152.4	112.1	84.0
August	125.4	152.4	112.1	84.0
September	124.9	151.3	112.1	84.0
October	124.9	151.3	112.1	84.0
November	125.2	152.0	112.1	83.8
December	125.2	152.0	112.1	83.8
1988 January	124.6	152.4	110.1	83.8
February	124.3	151.7	109.1	83.8
March	124.3	151.7	109.1	83.8
April	124.2	151.7	109.1	83.8
May	124.2	151.4	109.1	83.8
June	124.2	151.7	109.1	83.8
July	122.4	146.8	109.1	83.8
August	122.7	147.9	109.1	83.8
September	124.5	147.8	112.8	83.8
October	123.8	146.0	112.8	83.8
November	123.9	146.2	112.8	83.8
December	122.3	146.3	109.7	83.8
1989 January	123.1	148.3	109.7	83.8
February	125.1	153.7	109.7	83.8
March	125.1	153.6	109.7	83.8
April	124.1	153.8	108.0	83.8
May	124.0	153.7	108.0	83.8
June	124.0	153.7	108.0	83.8
July	123.9	153.5	107.8	83.8
August	123.9	153.5	107.8	83.8
September	123.7	153.2	107.8	83.8
October	122.2	149.3	107.8	83.8
November	122.2	149.3	107.8	83.8
December	122.2	149.3	107.8	83.8
1990 January	122.0	148.8	107.9	83.4
February	122.4	149.8	107.9	83.4
March	121.1	146.3	107.9	83.4
April	121.1	146.3	107.9	83.4
May	121.1	146.3	107.9	83.4
June	121.1	146.3	107.9	83.4
July	120.9	146.2	107.7	83.4
August	120.8	146.2	107.7	83.4
September	120.8	146.2	107.7	83.4
October	120.7	145.8	107.7	83.4
November	120.0	143.8	107.7	83.4
December	120.0	143.8	107.7	83.4

Table 5.6  
 Producer Price Indexes

	WATS	Interstate WATS	Intrastate WATS
	4811-214	4811-214-11	4811-214-12
1983 January	131.8	127.1	144.1
February	131.8	127.1	144.3
March	131.8	127.1	144.3
April	131.8	127.1	144.3
May	132.4	127.1	146.3
June	132.7	127.1	147.6
July	133.7	127.1	151.2
August	133.7	127.1	151.2
September	133.7	127.1	151.2
October	133.7	127.1	151.2
November	133.7	127.1	151.2
December	133.7	127.1	151.1
1984 January	132.2	127.1	145.6
February	132.2	127.1	145.9
March	132.7	127.1	147.3
April	132.6	127.1	147.1
May	132.8	127.1	147.8
June	127.2	119.6	147.4
July	127.6	119.6	148.8
August	127.5	119.6	148.5
September	127.5	119.6	148.5
October	127.6	119.6	148.7
November	127.6	119.6	148.7
December	127.8	119.6	149.6
1985 January	127.6	119.6	148.8
February	127.6	119.6	148.8
March	127.8	119.6	149.7
April	127.8	119.6	149.5
May	128.2	119.6	150.9
June	123.5	113.1	151.0
July	123.5	113.1	151.0
August	123.5	113.1	151.0
September	123.7	113.1	151.6
October	123.6	113.1	151.3
November	123.5	113.1	150.9
December	123.3	113.1	150.3
1986 January	124.2	113.1	153.6
February	124.2	113.1	153.6
March	124.2	113.1	153.6
April	124.4	113.1	154.2
May	124.9	113.9	154.1
June	115.4	100.8	154.3
July	115.3	100.6	154.3
August	114.2	100.6	150.2
September	113.8	100.6	148.9
October	113.8	100.6	148.7
November	113.7	100.6	148.6
December	113.3	100.6	146.9



Table 5.6  
 Producer Price Indexes

	WATS	Interstate WATS	Intrastate WATS
	4811-214	4811-214-11	4811-214-12
1987 January	111.1	97.5	146.9
February	110.9	97.5	146.4
March	110.9	97.5	146.4
April	110.9	97.5	146.4
May	110.9	97.5	146.4
June	110.3	97.5	144.2
July	110.3	97.5	144.1
August	110.2	97.5	143.7
September	110.2	97.5	143.6
October	110.1	97.5	143.4
November	110.1	97.5	143.4
December	110.1	97.5	143.4
1988 January	106.4	93.1	141.4
February	105.9	93.1	139.8
March	105.9	93.1	139.8
April	104.9	93.1	136.2
May	104.9	93.1	136.2
June	104.8	93.1	135.6
July	105.0	93.1	135.6
August	104.0	93.1	132.9
September	103.3	93.1	130.1
October	102.7	93.1	128.2
November	103.4	93.1	130.5
December	102.7	92.5	129.7
1989 January	102.0	90.6	131.7
February	102.0	90.6	131.7
March	102.0	90.6	131.7
April	99.8	87.0	131.4
May	99.1	87.0	131.0
June	99.3	87.0	131.8
July	99.2	87.0	131.3
August	99.0	87.0	130.8
September	98.8	87.0	130.4
October	98.8	87.0	130.1
November	98.8	87.0	130.1
December	98.8	87.0	130.1
1990 January	98.4	87.0	128.6
February	98.4	87.0	128.6
March	98.4	87.0	128.7
April	98.5	87.0	128.7
May	98.5	87.0	128.7
June	98.5	87.0	128.7
July	97.2	87.0	124.2
August	97.2	87.0	124.2
September	97.2	87.0	126.1
October	97.8	87.0	126.1
November	97.8	87.0	126.1
December	97.8	87.0	126.1

## INFORMATION ON RATE LEVELS:

This section describes the level of local and long distance rates and access charges in dollar terms.

### Local Rates

Local rates are regulated by state regulatory agencies and vary greatly from area to area. Characterization of any rate as "typical" is therefore difficult. In most states, the Bell Operating Companies and larger independent telephone companies charge higher rates in metropolitan areas than in rural areas -- a pricing practice that dates back to the turn of the century and is traditionally justified by the belief that the value of the service provided is higher for subscribers with more populous local calling areas. This also reflects the fact that the operating companies forego toll revenue when exchange calling areas increase in size. California differs from most states in that rates are averaged throughout the state. There, the basic local rate is \$8.35 for areas served by Pacific Bell and \$9.75 for areas served by General of California.

Table 5.7 presents average local residential rates. The price indexes published by the BLS indicate percentage changes in the price of the telephone services. The BLS does not publish the actual level of rates. The averages shown in Table 5.7 are based on a FCC survey using the same sampling areas and weights used by the Bureau of Labor Statistics (BLS) in constructing the Consumer Price Index. In October 1990, the national average for flat rate residential service was \$12.40 monthly. Lower-priced service alternatives are frequently available, at an average monthly charge of \$5.66. <sup>3</sup>

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3 The methodology used in conducting the survey is contained in the Primer and Sourcebook on Telephone Price Indexes and Rate Levels.

Table 5.7  
Average Monthly Residential Rates  
(in October of each year)

	1983	1984	1985	1986	1987	1988	1989
Unlimited Local Calling	\$10.50	\$12.10	\$12.17	\$12.58	\$12.44	\$12.32	\$12.28
Subscriber Line Charges*	.00	.00	1.01	2.04	2.66	2.67	3.53
Taxes	1.08	1.25	1.36	1.51	1.56	1.58	1.73
<u>Total</u>	<u>11.58</u>	<u>13.35</u>	<u>14.54</u>	<u>16.13</u>	<u>16.66</u>	<u>16.57</u>	<u>17.54</u>
Lowest Generally							
Available Monthly Rate	\$ 5.37	\$ 5.62	\$ 5.75	\$ 5.96	\$ 5.81	\$ 5.67	\$ 5.66
Subscriber Line Charges*	.00	.00	1.01	2.04	2.66	2.67	3.53
Taxes	.56	.58	.70	.84	.94	.91	1.05
<u>Total</u>	<u>5.93</u>	<u>6.20</u>	<u>7.46</u>	<u>8.84</u>	<u>9.41</u>	<u>9.25</u>	<u>10.24</u>
Minimum Connection Charge	\$35.01	\$43.71	\$44.32	\$45.63	\$44.04	\$42.94	\$42.71
Taxes	1.75	2.19	2.22	2.28	2.20	2.11	2.24
<u>Total</u>	<u>36.76</u>	<u>45.90</u>	<u>46.54</u>	<u>47.91</u>	<u>46.24</u>	<u>45.05</u>	<u>44.95</u>

\* Includes both Federal and State charges.

The local rate averages shown in Table 5.7 are based on rates that are available to all customers. Many states have programs that subsidize monthly service charges or connection fees paid by needy households. These programs are further described in Section 2 above. Most of these programs are part of the FCC sponsored Lifeline and Link Up programs. The most recent available local rate survey, reflecting data as of October 15, 1990, indicated that assistance for monthly service charges was offered in 61 of the 95 sample cities, representing 66% of urban consumers. Connection assistance was offered in 91 of the 95 sample cities representing 98% of urban consumers. In October 1990, Lifeline and similar assistance programs provided an average benefit of \$7.36 per month. Link Up and similar connection assistance programs reduced connection costs by an average of \$24.42.

Table 5.8 presents average monthly rates for single line business customers. Like the residential rates presented above, they are based on a FCC survey using the same sampling areas and weights used by the BLS in constructing the Consumer Price Index.

Table 5.8

Average Monthly Single Line Business Rates  
(in October of each year)

	1983	1984	1985	1986	1987	1988	1989
Representative Rate *	\$29.16	\$32.74	\$33.42	\$34.26	\$33.71	\$34.48	\$33.47
Subscriber Line Charges**	.00	.00	1.01	2.04	2.68	2.69	3.55
Taxes	3.35	3.76	3.96	4.17	4.18	3.95	4.11
Total	33.51	36.51	38.39	40.47	40.57	40.12	41.13
Minimum Connection Charge	\$56.04	\$68.84	\$70.82	\$79.94	\$72.15	\$72.51	\$72.79
Taxes	3.08	3.79	3.90	4.01	3.97	3.92	4.18
Total	59.12	72.63	74.72	76.95	76.12	76.43	76.98

\* The "representative" rate is the monthly single line rate for touch tone service with unlimited service where offered, and the measured service rate with 200 messages in other cities.

\*\* Includes both Federal and State charges.

Long Distance Rates

Table 5.9 compares the prices of directly dialed interstate long distance calls in all mileage bands and rate periods based on AT&T's tariffed rates in effect during January 1984 and July 1990. These rates are the basic message toll service rates and do not reflect discounts available in special calling plans. They also do not reflect any taxes or surcharges imposed by some states. During this period, AT&T's per minute charges for directly dialed interstate calls have been reduced about 40%.

Table 5.9  
Changes in the Price of Directly Dialed Long Distance Calls  
(AT&T Interstate Rates)

Calling Distance in airline miles, rate center to rate center		5 minute calls			10 minute calls		
		Jan. 1984	Jan. 1991	Percentage change	Jan. 1984	Jan. 1991	Percentage change
1 - 10	Day	\$0.96	\$0.86	-10.4%	\$1.76	\$1.71	-2.8%
	Evening	\$0.57	\$0.56	-1.8%	\$1.05	\$1.11	5.7%
	Night	\$0.38	\$0.49	28.9%	\$0.70	\$0.97	38.6%
11 - 22	Day	\$1.28	\$0.90	-29.7%	\$2.38	\$1.80	-24.4%
	Evening	\$0.76	\$0.65	-14.5%	\$1.42	\$1.30	-8.5%
	Night	\$0.51	\$0.55	7.8%	\$0.95	\$1.10	15.8%
23 - 55	Day	\$1.60	\$0.97	-39.4%	\$3.00	\$1.95	-35.0%
	Evening	\$0.96	\$0.65	-32.3%	\$1.80	\$1.30	-27.8%
	Night	\$0.64	\$0.60	-6.3%	\$1.20	\$1.20	0.0%
56 - 124	Day	\$2.05	\$1.05	-48.8%	\$3.90	\$2.10	-46.2%
	Evening	\$1.22	\$0.72	-41.0%	\$2.34	\$1.45	-38.0%
	Night	\$0.82	\$0.60	-26.8%	\$1.56	\$1.20	-23.1%
125 - 292	Day	\$2.14	\$1.05	-50.9%	\$4.09	\$2.10	-48.7%
	Evening	\$1.28	\$0.72	-43.8%	\$2.45	\$1.45	-40.8%
	Night	\$0.85	\$0.60	-29.4%	\$1.63	\$1.21	-25.8%
293 - 430	Day	\$2.27	\$1.15	-49.3%	\$4.37	\$2.30	-47.4%
	Evening	\$1.36	\$0.72	-47.1%	\$2.62	\$1.45	-44.7%
	Night	\$0.90	\$0.61	-32.2%	\$1.74	\$1.22	-29.9%
431 - 925	Day	\$2.34	\$1.15	-50.9%	\$4.49	\$2.30	-48.8%
	Evening	\$1.40	\$0.74	-47.1%	\$2.69	\$1.49	-44.6%
	Night	\$0.93	\$0.63	-32.3%	\$1.79	\$1.26	-29.6%
926 - 1910	Day	\$2.40	\$1.24	-48.3%	\$4.60	\$2.48	-46.1%
	Evening	\$1.44	\$0.74	-48.6%	\$2.76	\$1.49	-46.0%
	Night	\$0.96	\$0.65	-32.3%	\$1.84	\$1.30	-29.3%
1911 - 3000	Day	\$2.70	\$1.24	-54.1%	\$5.15	\$2.49	-51.7%
	Evening	\$1.62	\$0.74	-54.3%	\$3.09	\$1.49	-51.8%
	Night	\$1.08	\$0.66	-38.9%	\$2.06	\$1.32	-35.9%
3001 - 4250	Day	\$2.80	\$1.51	-46.1%	\$5.35	\$3.01	-43.7%
	Evening	\$1.68	\$1.01	-39.9%	\$3.21	\$2.01	-37.4%
	Night	\$1.12	\$0.80	-28.6%	\$2.12	\$1.60	-24.5%
4251 - 5750	Day	\$2.91	\$1.61	-44.7%	\$5.56	\$3.21	-42.3%
	Evening	\$1.74	\$1.07	-38.5%	\$3.33	\$2.15	-35.4%
	Night	\$1.16	\$0.85	-26.7%	\$2.22	\$1.70	-23.4%

## Subscriber Line and Access Charges

Monthly subscriber line charges (or "end user" charges) were first imposed in 1984 and were charged to residential customers beginning in 1985. Table 5.10 presents the level of these charges over time.

Table 5.10

Interstate Subscriber Line Charges  
by Local Telephone Companies to End Users  
(In Dollars per Month per Line)

	Residential and Single Line Business *	Multiline Business **	Embedded Centrex Rate Cap ***
05/26/84 to 05/31/85	\$0.00	\$4.99	\$2.00
06/01/85 to 09/30/85	1.00	4.99	2.00
10/01/85 to 05/31/86	1.00	4.97	2.00
06/01/86 to 12/31/86	2.00	4.97	3.00
01/01/87 to 06/30/87	2.00	5.12	3.00
07/01/87 to 12/31/87	2.60	5.12	4.00
01/01/88 to 11/30/88	2.60	5.01	4.00
12/01/88 to 03/31/89	3.20	5.01	5.00
04/01/89 to 12/31/89	3.50	4.94	6.00
01/01/90 to 06/30/90	3.48	4.84	6.00
07/01/90 to 12/31/90	3.48	4.83	6.00
01/01/91 to present	3.48	4.77	6.00

\* The monthly subscriber line charge for residential and single line business customers is capped at a maximum rate of \$3.50 monthly. Local companies are not permitted to charge the full amount unless justified by their underlying costs. As a result, a few companies do not charge the full \$3.50.

\*\* The monthly subscriber line charge for multiline business customers has been capped at a maximum rate of \$6.00 monthly since 1984. Local companies are not permitted to charge the full amount unless justified by their underlying costs. As a result, some companies do not charge the full \$6.00. This column represents the national average calculated by NECA.

\*\*\* These rates represent the maximum charge applied to centrex lines in place or on order as of July 27, 1983. Prior to April 1, 1989, "embedded" centrex lines were capped at levels lower than new centrex lines. Customers with new centrex lines paid the multiline business subscriber line charge. Since April 1, 1989, all centrex lines have been charged the same rate as multiline business.

Access charges by local telephone companies to long distance carriers are an important component of the overall cost of providing long distance service. Table 5.11 shows the history of the average levels of these charges.

Table 5.11

Interstate Charges by Local Telephone Companies to Long Distance Carriers  
(National Average for "Premium" Service in Cents per Minute)

	Carrier Common Line Charge Per Originating Access Minute <u>1/</u>	Carrier Common Line Charge Per Terminating Access Minute <u>1/</u>	Total Traffic Sensitive Charge Per Access Minute <u>2/</u>	Total Charges Per Conversation Minute <u>3/</u>
05/26/84 to 01/14/85	5.24	5.24	3.1	17.3
01/15/85 to 05/31/85	5.43	5.43	3.1	17.7
06/01/85 to 09/30/85	4.71	4.71	3.1	16.2
10/01/85 to 05/31/86	4.33	4.33	3.1	15.4
06/01/86 to 12/31/86	3.04	4.33	3.1	14.0
01/01/87 to 06/30/87	1.55	4.33	3.1	12.4
07/01/87 to 12/31/87	0.69	4.33	3.1	11.5
01/01/88 to 11/30/88	0.00	4.14	3.1	10.6
12/01/88 to 02/14/89	0.00	3.39	3.0	9.6
02/15/89 to 03/31/89	0.00	3.25	3.0	9.5
04/01/89 to 12/31/89	1.00	1.83	3.0	9.1
01/01/90 to 06/30/90	1.00	1.53	2.5	7.8
07/01/90 to 12/31/90	1.00	1.23	2.5	7.5
01/01/91 to present	1.00	1.14	2.4	7.2

1/ Prior to 4/1/89, the rates shown are nationally uniform "premium" rates specified in tariffs filed by the National Exchange Carrier Association (NECA). Since 4/1/89, the terminating rate is no longer identical for all companies, and the rate shown is an average. Where equal access is not available, carriers other than AT&T pay discounted "non-premium" rates.

2/ Traffic sensitive switched access rates are not subject to mandatory pooling and are thus not nationally uniform. The rate shown in this column has been estimated by the FCC staff as a weighted average that includes both switching and transport charges.

3/ Long distance carriers are billed originating access charges for the time that the local network is tied up with calls that are not completed and for the time involved in setting up calls. As a result, the number of originating access minutes exceeds the number of conversation minutes. Using the ratio of access minutes to conversation minutes presented by AT&T for its domestic interstate

service, the charges in this column have been calculated as follows: 107% of the originating carrier common line rate + 100% of the terminating carrier common line rate + 107% of the traffic sensitive rate (for originating access) + 100% of the traffic sensitive access rate (for terminating access).

#### STATE TELEPHONE RATE CASES:

The actions of state regulatory commissions provide important indicators of future local and state toll rate levels. Rate cases completed by the state commissions tend to result in immediate rate changes. At the same time, the amount of rate relief requested by local telephone companies, but not yet acted upon by state commissions, provides an indication of future rate changes.

At the time of divestiture, rate cases pending before state public utility commissions totaled nearly \$7 billion. During the first half of 1984, state commissions completed action on a number of extraordinarily large rate cases. After the first half of 1984, however, the level of activity in state cases diminished substantially. At mid-1990, New York Telephone Company reported rate cases of over \$800 million pending before the New York Public Utilities Commission. The total amount of rate increases requested and pending before other state commissions was only about \$200 million. During 1987, 1988, and 1989, the dollar amount of rate reductions and refunds ordered by state commissions exceeded the dollar amount of rate increases authorized. Since it typically takes more than a year for a rate case to be completed, the low level of pending cases -- viewed in conjunction with the recent reductions ordered by state commissions -- should indicate a low level of state and local increases during at least the next year. The data on state rate cases are shown in Table 5.12.

The information in Table 5.12 reflects data we have received from the Bell Operating Companies, Contel, GTE, and United Telephone on pending state rate cases. In addition to this, we also include information from smaller companies which is submitted by state utility commissions, information published by the National Regulatory Research Institute, and any additional information brought to our attention or appearing in a telecommunications publication.



TABLE 5.12

State Telephone Rate Cases  
(Millions of Dollars)

	<u>Revenue Increases Requested During Quarter</u>	<u>Revenue Changes Ordered During Quarter</u>	<u>Requests Pending at End of Quarter</u>
1984 First quarter	\$ 627.7	\$ 1,175.6	\$ 4,851.9
Second quarter	93.7	2,054.2	1,675.6
Third quarter	2,242.9	284.5	3,387.5
Fourth quarter	1,059.4	361.2	3,672.3
Total	<u>4,023.7</u>	<u>3,875.5</u>	
1985 First quarter	976.6	246.3	3,779.0
Second quarter	172.4	314.8	3,316.3
Third quarter	108.3	286.5	2,664.2
Fourth quarter	369.9	307.3	1,437.3
Total	<u>1,627.2</u>	<u>1,154.9</u>	
1986 First quarter	155.1	58.0	766.2
Second quarter	249.9	57.9	362.0
Third quarter	230.0	173.3	315.7
Fourth quarter	8.7	.8	322.6
Total	<u>643.7</u>	<u>290.0</u>	
1987 First quarter	7.0	-33.1	67.1
Second quarter	19.4	-112.0	47.7
Third quarter	62.0	-94.0	94.0
Fourth quarter	57.9	-279.9	124.7
Total	<u>146.3</u>	<u>-519.0</u>	
1988 First quarter	46.4	-215.3	148.5
Second quarter	155.2	-232.4	301.6
Third quarter	140.9	-387.8	377.0
Fourth quarter	15.4	-530.9	198.5
Total	<u>357.9</u>	<u>-1,366.4</u>	
1989 First quarter	52.1	-203.7	140.6
Second quarter	25.8	-107.6	148.7
Third quarter	362.9	-48.9	490.4
Fourth quarter	6.2	-478.3	419.5
Total	<u>447.0</u>	<u>-838.5</u>	
1990 First quarter	897.8	-134.6	903.6
Second quarter	58.3	-109.9	955.1
Third quarter	129.3	-159.6	1,066.8

ADDITIONAL DATA RECEIVED

Twenty-five state utility commissions have filed data. We have not included the data in this report because the data are voluminous. However, the data are available for research and reference in the Public Reference Room maintained by the FCC's Industry Analysis Division. A summary of the rate information that has been filed is in Table 5.13.

Table 5.13  
Rate Information Provided by States

	No. of carriers for which R-1 and B-1 rates are provided*	No. of carriers for which intrastate toll rates are provided	Status for state rate cases **
Alaska	16	1	x
Arkansas	28	17	x
California	22	3	x
Colorado	31	3	x
District of Col.	1	N/A	x
Florida	14	1	x
Idaho	21	1	x
Indiana	42	4	x
Iowa	152	10	x
Maine	20	1	x
Massachusetts	1	1	
Michigan	45	3	
Minnesota	4	24	x
Missouri	46	0	x
Nebraska	42	1	
New Jersey	3	3	x
New York	41	7	x
North Carolina	19	16	x
North Dakota	10	1	
Ohio	44	33	x
Rhode Island	1	1	x
Texas	66	2	x
Virginia	20	9	x
Washington	3	0	x
Wisconsin	100	4	x

\* Most states provided tariff pages.

\*\* x indicates information has been filed.

## 6. Bypass

No new bypass reports have been submitted by the regional Bell holding companies and GTE since the July 1990 monitoring report. The next such bypass reports are due at the end of April and will be included in the July 1991 monitoring report. Table 6.1 summarizes the bypass reports that have been received in the monitoring program. It shows estimated losses for private line circuits, switched minutes, and revenues. It should be noted that these losses represent the telephone companies' unaudited estimates of revenue loss and do not reflect associated cost savings. The revenue losses do reflect the impact of the reduction in access charges since 1988.

For the last few years, the "Fiber Deployment Update" <sup>1</sup> report has included data on a number of entities deploying fiber in metropolitan or urban areas. These entities access large business customers using a ring or loop of fiber through areas of high business concentration. The information contained in Table 6.2 is excerpted from the next fiber deployment report expected to be released shortly. This table, which is not intended to be an all inclusive list, includes a selected group of these companies with more than 500 fiber-miles of fiber in their networks. Entities not shown include companies which presently only operate microwave radio systems, companies which are very small, or companies which are just now adding fiber to their facility base. Some entities may be classified as common carriers and some as private carriers.

The key target of the urban systems are large downtown office buildings in cities where the deployment cost and regulatory constraints of new fiber systems are not excessive. Typically a cable several miles in length containing 100 to 200 fibers is deployed in existing conduit or in subway tunnels in a ring structure. The ends of the fiber cable are connected at a hub location. At least one fiber pair in the ring is typically dedicated to a single office building and capacity is often electronically subdivided for customer access within the building. Some carriers are serving more than one customer with each fiber pair, while others have dedicated one or more fiber pairs for a single customer, which is often an interexchange carrier. In either case, the fiber rings afford a simple inherent route redundancy arrangement since traffic can reach the hub in either direction around the loop.

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1 See "Fiber Deployment Update -- End of Year 1989," released February 28, 1990.

The present overall impact of urban fiber systems generally appears to be relatively small but as these systems extend to more cities and attract more customers, they may selectively impact growth of demand of the local telephone companies. However, urban fiber systems do not in their present form provide ubiquitous access, and as such they can only serve those customers they can access. They may, therefore, be dependent on the local telephone companies for customer access and sometimes backup facilities. Of particular note is the fact that a number of fiber rings or fiber redundancy arrangements have been reported by the Bell Operating Companies in many of the very same cities where urban fiber systems exist. We will continue to monitor the impact of these alternative suppliers of special access services.

**Table 6.1(a)**  
**Estimated Losses Due to Bypass -- Previous Reports**

April '88	Circuits	Billions of Minutes			Revenues in Millions of Dollars			
Company	Facility Private Line (000)	Facility Switched	Service Switched	Total Switched	Facility Private Line	Facility Switched	Service Switched	Total Bypass
Ameritech	112	7.6	13.5	21.0	113	334	393	840
Bell Atlantic	0	7.2	15.7	22.9	0	348	511	858
BellSouth	0	0.2	8.3	8.5	2	9	273	283
GTE	17	2.6	3.2	5.8	33	86	95	214
NYNEX	0	1.7	8.8	10.5	0	97	226	323
Pacific Telesis	7	1.7	6.6	8.2	11	93	226	330
Southwestern	79	2.9	11.5	14.5	109	131	203	444
US West	8	0.4	12.0	12.4	14	23	337	374
<b>Totals</b>	<b>223</b>	<b>24.3</b>	<b>79.5</b>	<b>103.8</b>	<b>282</b>	<b>1120</b>	<b>2264</b>	<b>3666</b>

Oct. '88	Circuits	Billions of Minutes			Revenues in Millions of Dollars			
Company	Facility Private Line (000)	Facility Switched	Service Switched	Total Switched	Facility Private Line	Facility Switched	Service Switched	Total Bypass
Ameritech	123	8.3	13.7	22.1	143	370	351	864
Bell Atlantic	133	7.2	16.0	23.2	145	283	404	832
BellSouth	11	0.6	7.2	7.8	14	29	213	257
GTE	10	1.7	3.1	4.8	13	100	178	291
NYNEX	23	1.9	9.0	10.9	35	104	234	373
Pacific Telesis	10	0.8	7.3	8.1	14	45	298	358
Southwestern	118	1.8	10.8	12.6	137	68	136	341
US West	14	0.8	11.3	12.0	20	41	379	440
<b>Totals</b>	<b>442</b>	<b>23.2</b>	<b>78.3</b>	<b>101.5</b>	<b>521</b>	<b>1041</b>	<b>2193</b>	<b>3755</b>

**Table 6.1(b)**  
**Estimated Losses Due to Bypass – Previous Reports**

April '89	Circuits		Billions of Minutes		Revenues in Millions of Dollars			
Company	Facility Private Line (000)	Facility Switched	Service Switched	Total Switched	Facility Private Line	Facility Switched	Service Switched	Total Bypass
Ameritech	127	8.6	13.7	22.3	138	332	329	799
Bell Atlantic	131	7.0	15.4	22.3	136	271	362	768
BellSouth	15	0.7	6.1	6.8	19	30	169	219
GTE	6	0.9	3.2	4.1	8	48	151	207
NYNEX	60	2.7	9.1	11.9	86	139	212	437
Pacific Telesis	11	0.9	7.6	8.6	10	52	332	394
Southwestern	128	1.9	10.3	12.3	139	69	125	332
US West	15	0.8	10.7	11.5	22	40	313	375
<b>Totals</b>	<b>493</b>	<b>23.5</b>	<b>76.2</b>	<b>99.7</b>	<b>557</b>	<b>980</b>	<b>1993</b>	<b>3531</b>

April '90	Circuits		Billions of Minutes		Revenues in Millions of Dollars			
Company	Facility Private Line (000)	Facility Switched	Service Switched	Total Switched	Facility Private Line	Facility Switched	Service Switched	Total Bypass
Ameritech	131	8.9	13.9	22.8	124	320	338	782
Bell Atlantic	157	8.3	16.0	24.3	131	277	315	723
BellSouth	21	0.8	5.7	6.5	25	29	161	215
GTE	5	1.6	4.5	6.1	9	80	200	289
NYNEX	101	4.8	8.6	13.4	178	238	190	606
Pacific Telesis	25	2.0	8.8	10.8	21	93	348	462
Southwestern	48	1.3	9.8	11.1	42	46	163	251
US West	16	0.9	13.0	13.8	17	37	349	403
<b>Totals</b>	<b>504</b>	<b>28.5</b>	<b>80.4</b>	<b>108.9</b>	<b>546</b>	<b>1120</b>	<b>2066</b>	<b>3732</b>

**Table 6.2 – Urban Fiber Systems****Ten Systems with More Than 500 Fiber-Miles Deployed**

	Route Miles		Fiber Miles	
	1989	1990	1989	1990
City Signal	NA	67.0	NA	5,628
Dignet	5.4	24.0	684	1,147
Eastern Telelogic	68.0	145.0	2,184	3,666
Institutional Communications Co.	137.0	148.2	5,877	6,121
Inter-Media Communications	9.6	24.9	643	972
IOR Telecom (Iowa Resources)	60.0	65.0	1,284	1,600
Metropolitan Fiber System, Inc.	62.6	84.1	7,497	12,154
New England Digital Distribution	NA	10.0	NA	1,440
Public Service of Oklahoma	120.0	109.0	2,500	2,631
Teleport Communications Group	227.2	273.2	12,346	15,519
<b>Total of Amounts Shown:</b>	<b>689.7</b>	<b>950.4</b>	<b>33,015</b>	<b>50,878</b>

See Also Fiber Deployment Update - End of Year 1989, released February 28, 1990.

## 7. Pooling and Rate Deaveraging

The transition to jurisdictionally-specific Carrier Common Line (CCL) charges occurred on April 1, 1989, for the following local exchange carriers (LECs) that withdrew from the National Exchange Carrier Association (NECA) CCL pool at that time: Ameritech, Bell Atlantic, BellSouth, Centel, Cincinnati Bell, Continental Telecom, GTE, NYNEX, Pacific Telesis, Rochester Telephone, Seneca-Gorham Telephone, Southern New England Telephone, Southwestern Bell, US West, United Telephone Systems, and Warwick Valley. Seneca-Gorham has since been acquired by Rochester Telephone. On July 1, 1990, Great Plains Communications and Hughes Telephone also withdrew from the NECA CCL pool.

The latest nationwide pool results provided by NECA are shown in Tables 7.1 and 7.2. Table 7.1 summarizes the CCL pool revenues and expenses for for the first ten months of 1990. Table 7.2 has corresponding figures for NECA's voluntary traffic sensitive pool.

NECA's latest report on the dimensions of long term support and transitional support payments among the LECs, based on the tariffs that became effective on January 1, 1991, follows. Table 7.3 shows the transitional support payments being received by Level 1 Receivers. The first column of this table shows the base amount from which the payments are calculated, and the third column shows the actual support payments. The transition factors in the second and third columns will decline by .2 each year over a five year transition period. Table 7.4 shows the transitional support payments being made by Level 1 Contributors. Chart 7.1 summarizes the transitional support among carriers that withdrew from the NECA pool. Table 7.5 shows the long term support payments being made by Level 1 Contributors, in support of those companies remaining in the NECA CCL pool. Chart 7.2 summarizes the sources of revenue for the NECA CCL pool, showing the distribution of funds from long term support, CCL charges, subscriber line charges, and special access surcharges. Table 7.6 shows the total support payments being made by Level 1 Contributors.

As an indication of the effect of depooling on CCL rates, Chart 7.3 shows the terminating CCL rates being charged by the Bell companies <sup>1</sup> and GTE, as well as the NECA rate for those companies remaining in the NECA pool. For comparison purposes, the rate that NECA would have had to establish in absence of long term support payments is also shown.

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1 Since depooling, each Bell holding company has a single company-wide terminating CCL rate except NYNEX, which has separate rates for New York Telephone and New England Telephone.



TABLE 7.1  
 NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 SUMMARY OF POOL RESULTS FOR THE MONTH ENDING OCTOBER 31, 1990  
 REPORTED AS OF DECEMBER 31, 1990

COMMON LINE (CL) (Note 1)	CURRENT MONTH	1990 Pool YTD (Note 2)
Carrier Common Line (CCL) Earned Revenue		
Premium	\$11,926,793	\$127,250,415
Non-premium	\$839,590	\$8,348,151
Special Access Surcharge	\$72,125	\$810,062
CCL Net Realized Uncollectibles	\$1,056	\$10,676
CCL Net Earned Revenue	\$12,837,452	\$136,397,952
End User Net Earned Revenues (Note 3)	\$28,594,464	\$280,915,043
Total Common Line Net Earned Revenues	\$41,431,916	\$417,312,995
CL Income from Interest Charged Construction	\$0	\$0
Long Term Support	\$21,469,130	\$219,624,813
Total Common Line Revenues	\$62,901,046	\$636,937,808
NECA Administrative Cost	\$1,669,028	\$17,634,582
Average Schedule Company Settlements	\$19,830,841	\$205,149,716
Common Line Expenses and other Taxes	\$27,603,451	\$274,815,565
Common Line Adjusted Federal Income Tax	\$2,705,052	\$27,536,774
Total Common Line Expenses	\$51,808,372	\$525,136,637
Common Line Residue for Distribution (Note 4)	\$11,092,674	\$111,801,171
Common Line Net Investment	\$1,148,993,196	\$1,144,686,868
Annualized Common Line Residue Ratio (Note 5)	11.59%	11.72%

Note 1: All of the individual line items include some estimates and are subject to further adjustments under current NECA procedures.

Note 2: The 1990 Pool Year is the period beginning January 1, 1990 through December 31, 1990. The Net Investment is an average of the cumulative months reported.

Note 3: Amount includes End User SLC Waiver Revenue for NECA Tariff participants.

Note 4: Residue for Distribution is Total Revenues less Total Expenses.

Note 5: Annualized Residue Ratio in the CURRENT MONTH is calculated by dividing the amount of Residue for Distribution by the amount of Net Investment and multiplying by 12 months X 100. The 1990 Pool YTD is similarly computed except that the calculation is then divided by the number of Pool Year Reporting Periods.

TABLE 7.2  
 NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 SUMMARY OF POOL RESULTS FOR THE MONTH ENDING OCTOBER 31, 1990  
 REPORTED AS OF DECEMBER 31, 1990

TRAFFIC SENSITIVE (TS) (Note 1)	CURRENT MONTH	1990 Pool YTD (Note 2)
TS Earned Revenue	\$52,937,970	\$531,780,192
TS Net Realized Uncollectibles	\$2,183	\$4,359
TS Net Earned Revenue	\$52,935,787	\$531,775,833
TS Income From Interest Charged Construction	\$0	\$0
Total Traffic Sensitive Revenues	\$52,935,787	\$531,775,833
NECA Administrative Cost	\$1,040,307	\$8,954,356
Average Schedule Company Settlements	\$19,847,095	\$202,999,451
TS Expenses and other Taxes	\$21,385,213	\$213,950,716
TS Adjusted Federal Income Tax	\$2,200,172	\$21,812,913
Total Traffic Sensitive Expenses	\$44,472,787	\$447,717,436
TS Residue For Distribution (Note 3)	\$8,463,000	\$84,058,397
TS Net Investment	\$773,010,840	\$770,817,276
Annualized Traffic Sensitive Residue Ratio (Note 4)	13.14%	13.09%

Note 1: All of the individual line items include some estimates and are subject to further adjustments under current NECA procedures.

Note 2: The 1990 Pool Year is the period beginning January 1, 1990 through December 31, 1990. The Net Investment is an average of the cumulative months reported.

Note 3: Residue for Distribution is Total Revenues less Total Expenses.

Note 4: Annualized Residue Ratio in the CURRENT MONTH is calculated by dividing the amount of Residue for Distribution by the amount of Net Investment and multiplying by 12 months X 100. The 1990 Pool YTD is similarly computed except that the calculation is then divided by the number of Pool Year Reporting Periods.

TABLE 7.3

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 LEVEL I & II RECEIVERS  
 TRANSITIONAL SUPPORT AMOUNTS  
 FOR TEST PERIOD JULY 1, 1990 THRU JUNE 30, 1991

LEVEL I & II RECEIVERS	(1) TRS BASE AMOUNT @ 100%	(2) TRANSITION FACTORS JUL-MAR    APR-JUN		(3) ANNUAL TRS SUPPORT*	(4) UNITED-CONTEL ASSET EXCHANGE
BELL SOUTH	\$147,648,853	.6	.4	\$81,206,869	
GTE CORPORATION	\$207,448,673	.6	.4	\$114,096,770	
UNITED TELEPHONE SYSTEM	\$54,325,819	.6	.4	\$29,879,201	\$31,275,674
CONTEL CORPORATION	\$69,465,815	.6	.4	\$38,206,198	\$36,809,725
	----- \$478,889,160 =====			----- \$263,389,038 =====	
	(1) TRS BASE AMOUNT @ 100%	(2) TRANSITION FACTORS JUL-JUN		(3) ANNUAL TRS SUPPORT**	
GREAT PLAINS COMMUNICATIONS	\$608,963	.8		\$487,170	
HUGHES TELEPHONE CO.	\$100,997	.8		\$80,797	
	----- \$709,960 =====			----- \$567,968 =====	
TOTAL ALL COMPANIES	----- \$479,599,120 =====			----- \$263,957,006 =====	

\* ANNUAL TRS SUPPORT = (COL 1\*.75\*.6)+(COL 1\*.25\*.4) - BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE & CONTEL CORPORATION  
 \*\*ANNUAL TRS SUPPORT = (COL 1\*.25\*.8) - GREAT PLAINS COMMUNICATIONS, HUGHES TELEPHONE CO.

TABLE 7.4

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 LEVEL I CONTRIBUTORS  
 TRANSITIONAL SUPPORT AMOUNTS  
 FOR TEST PERIOD JULY 1, 1990 THRU JUNE 30, 1991

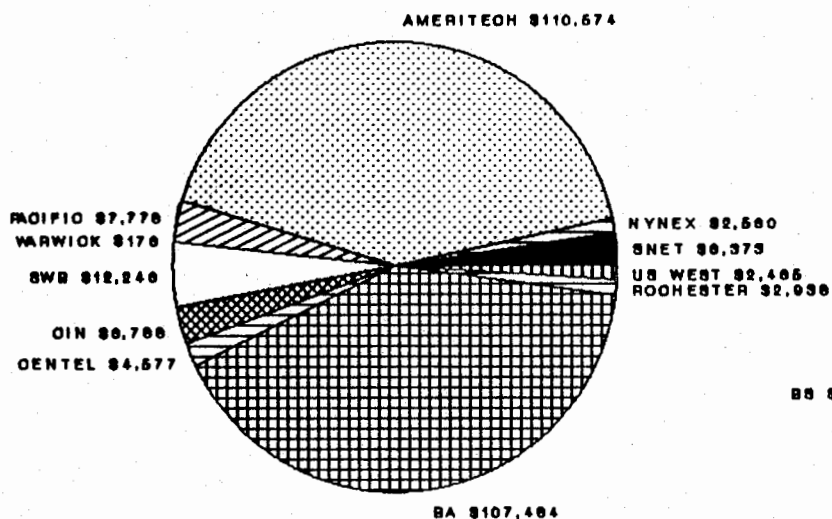
LEVEL I CONTRIBUTOR	(1) TRS AMOUNT*	(2) CONTRIBUTION FACTORS	(3)=(1)*(2) PAYMENT
SOUTHERN NEW ENGLAND TEL.	\$263,957,006	0.024144629258	\$6,373,144
AMERITECH	\$263,957,006	0.418907581190	\$110,573,591
BELL ATLANTIC	\$263,957,006	0.407204424667	\$107,484,461
NYNEX SVC. CO.	\$263,957,006	0.009698438350	\$2,559,971
PACIFIC TELESIS	\$263,957,006	0.029459837696	\$7,776,131
SOUTHWESTERN BELL	\$263,957,006	0.046392525252	\$12,245,632
CINCINNATI BELL	\$263,957,006	0.025715949951	\$6,787,905
CENDEL CORPORATION	\$263,957,006	0.017339514112	\$4,576,886
ROCHESTER TELEPHONE CORP	\$263,957,006	0.011130549108	\$2,937,986
WARWICK VALLEY	\$263,957,006	0.000666371948	\$175,894
U. S. WEST	\$263,957,006	0.009340178467	\$2,465,406
			=====
			\$263,957,006
			=====

\*BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE AND CONTEL CORPORATION ARE CALCULATED AT 60% FOR JUL '90 - MAR '91 AND 40% FOR APR '91 - JUN '91. GREAT PLAINS COMMUNICATIONS AND HUGHES TELEPHONE ARE CALCULATED AT 80% FOR JUL '90 - JUN '91.

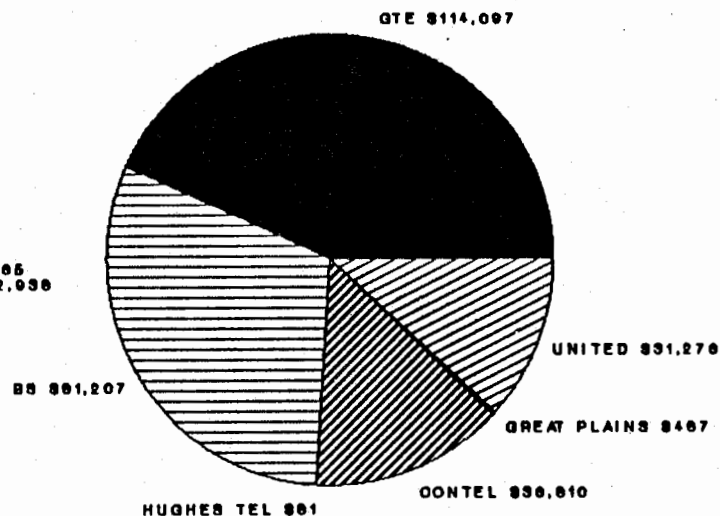
01/24/91

CHART 7.1

# 7/90 THRU 6/91 TRANSITIONAL SUPPORT (\$000s)



CONTRIBUTORS  
\$263,957,006



RECEIVERS  
\$263,957,006

TABLE 7.5

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 LEVEL I CONTRIBUTOR LONG TERM SUPPORT PAYMENTS  
 FOR TEST PERIOD JULY 1, 1990 THRU JUNE 30, 1991

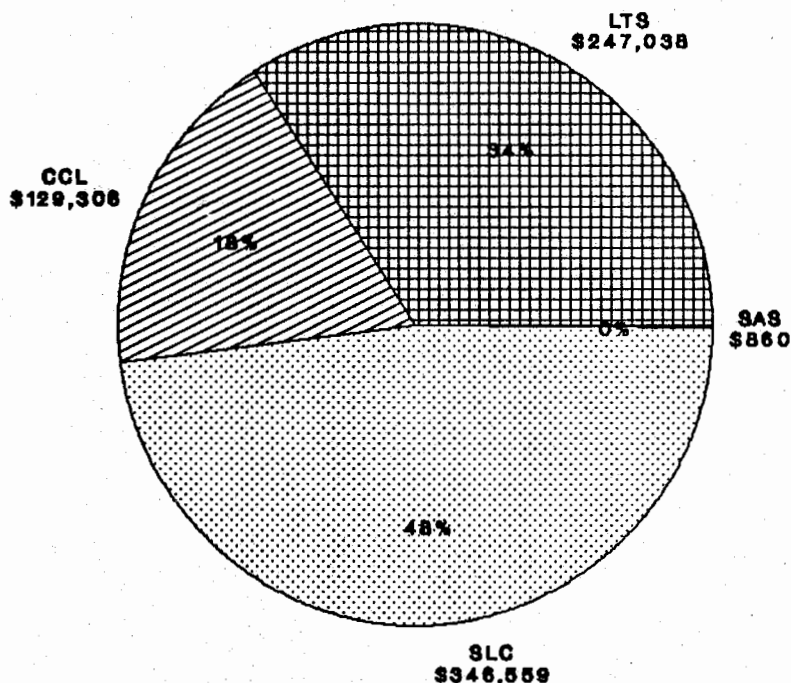
LEVEL I CONTRIBUTOR -----	(1) LTS AMOUNT *	(2) CONTRIBUTION FACTORS -----	(3)=(1)*(2) ANNUAL LTS -----
SOUTHERN NEW ENGLAND TEL.	\$247,037,858	0.024144629258	\$5,964,637
AMERITECH	\$247,037,858	0.418907581190	\$103,486,032
BELL ATLANTIC	\$247,037,858	0.407204424667	\$100,594,909
NYNEX SVC. CO.	\$247,037,858	0.009698438350	\$2,395,881
PACIFIC TELESIS	\$247,037,858	0.029459837696	\$7,277,695
SOUTHWESTERN BELL	\$247,037,858	0.046392525252	\$11,460,710
CINCINNATI BELL	\$247,037,858	0.025715949951	\$6,352,813
CENTEL CORPORATION	\$247,037,858	0.017339514112	\$4,283,516
ROCHESTER TELEPHONE CORP	\$247,037,858	0.011130549108	\$2,749,667
WARWICK VALLEY	\$247,037,858	0.000666371948	\$164,619
U. S. WEST	\$247,037,858	0.009340178467	\$2,307,378
			=====
			\$247,037,858
			=====

\* EFFECTIVE JANUARY 1, 1991

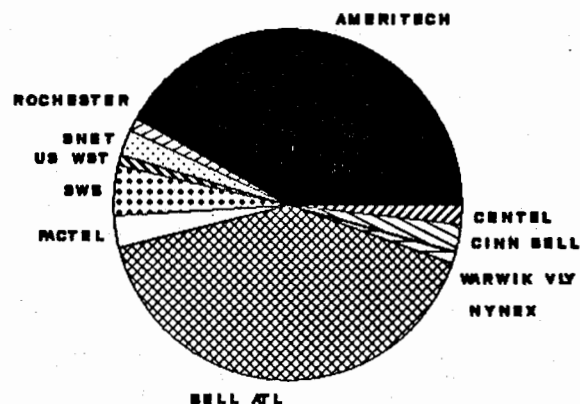
01/24/91

# 7/90 THRU 6/91 COMMON LINE POOL \*

## SOURCES OF REVENUE (\$000s)



**NECA POOL (\$723,763)**



**LONG TERM SUPPORT (LTS)**

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TABLE 7.6

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.  
 LEVEL I CONTRIBUTORS  
 LTS AND TRS SUPPORT AMOUNTS  
 BASED UPON \$0.0100 ORIGINATING RATE  
 AND \$0.0114 TERMINATING RATE \*  
 FOR TEST PERIOD JULY 1, 1990 THRU JUNE 30, 1991

LEVEL I CONTRIBUTOR	(1) LTS AMOUNT *	(2) CONTRIBUTION FACTORS	(3)=(1)*(2) ANNUAL LTS	(4) ANNUAL TRS **	(5)=(3)+(4) TOTAL SUPPORT
SOUTHERN NEW ENGLAND TEL.	\$247,037,858	0.024144629258	\$5,964,637	\$6,373,144	\$12,337,782
AMERITECH	\$247,037,858	0.418907581190	\$103,486,032	\$110,573,591	\$214,059,622
BELL ATLANTIC	\$247,037,858	0.407204424667	\$100,594,909	\$107,484,461	\$208,079,370
NYNEX SVC. CO.	\$247,037,858	0.009698438350	\$2,395,881	\$2,559,971	\$4,955,852
PACIFIC TELESIS	\$247,037,858	0.029459837696	\$7,277,695	\$7,776,131	\$15,053,826
SOUTHWESTERN BELL	\$247,037,858	0.046392525252	\$11,460,710	\$12,245,632	\$23,706,342
CINCINNATI BELL	\$247,037,858	0.025715949951	\$6,352,813	\$6,787,905	\$13,140,718
CONTEL CORPORATION	\$247,037,858	0.017339514112	\$4,283,516	\$4,576,886	\$8,860,403
ROCHESTER TELEPHONE CORP	\$247,037,858	0.011130549108	\$2,749,667	\$2,937,986	\$5,687,653
WARWICK VALLEY	\$247,037,858	0.000666371948	\$164,619	\$175,894	\$340,513
U. S. WEST	\$247,037,858	0.009340178467	\$2,307,378	\$2,465,406	\$4,772,783
			=====	=====	=====
			\$247,037,858	\$263,957,006	\$510,994,864
			=====	=====	=====

\* EFFECTIVE JANUARY 1, 1991

\*\* BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE AND CONTEL CORPORATION ARE CALCULATED AT 60% FOR JUL '90 - MAR '91 AND 40% FOR APR '91 - JUN '91. GREAT PLAINS COMMUNICATIONS AND HUGHES TELEPHONE ARE CALCULATED AT 80% FOR JUL '90 - JUN '91.

01/24/91

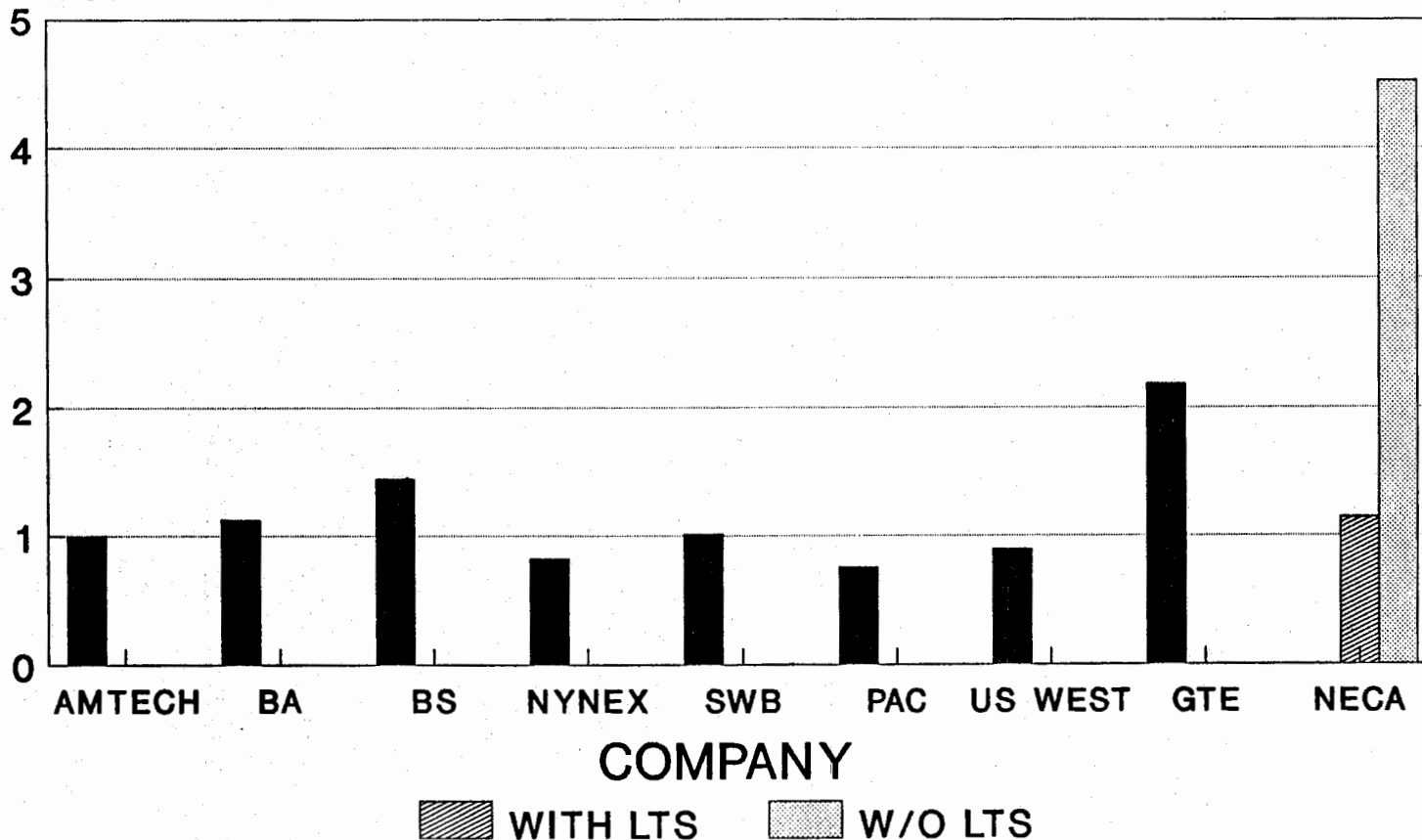


CHART 7.3

# SUMMARIZED TERMINATING CCL RATES

ORIGINATING RATE AT \$.01 \*

1/91 THRU 6/91 RATE IN CENTS PER MINUTE



\* WITH THE EXCEPTION OF AMERITECH, NYNEX, PACIFIC AND US WEST WHICH HAVE EQUALIZED ORIGINATING AND TERMINATING RATES

01/24/91