

Monitoring Report

CC Docket No. 87-339
JULY 1992

Prepared by the Staff of the Federal-State Joint Board
In CC Docket No. 80-286

Table of Contents

Introduction and Summary	3
1. Subscribership and Penetration Levels	9
2. Lifeline Assistance Plans	56
3. Costs and High Cost Assistance	110
4. Network Usage and Growth	115
5. Rates and Revenues	273
6. Bypass	299
7. Pooling and Rate Deaveraging	307
Index of Tables and Charts	321

Monitoring Report
CC Docket No. 87-339
July 1992

Introduction and Summary

This is the fourteenth report of a series of reports 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 1992 the Commission extended the monitoring program an additional five years, with annual reports to be released in May of each year from 1993 through 1997. ¹

This report presents 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.

Since our January 1992 monitoring report, new information in each of the seven categories has become available and is incorporated in this report. Section 1 includes new subscribership information for March 1992. Section 2 includes updated information on the lifeline and Link-Up America programs, including new information supplied by the National Exchange Carrier Association (NECA). Section 3 includes a history of actual universal service fund payments. Section 4 includes changes in the usage data. Section 5 includes Consumer Price Index (CPI) and Producer Price Index (PPI) data through June 1992, and other updated rate information. Section 6 includes a summary of the bypass reports filed in April. Section 7 includes updated information on the NECA pools.

We emphasize that our monitoring efforts are being conducted in the context of an open docket ² which allows materials, comments, and studies to be submitted at any time. Items that have been received since the last report are summarized in each section of the report, insofar as they relate to that section.

1 Amendment of Part 36 of the Commission's Rules and Establishment of a Joint Board, Establishment of a Program to Monitor the Impact of Joint Board Decisions, CC Docket Nos. 80-286 and 87-339, Order, FCC 92-249, released July , 1992.

2 CC Docket No. 87-339.

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.

In 1992 the Joint Board recommended the extension of the monitoring program, with some modifications, until 1997.³ As noted above, this recommendation has been adopted by the Commission. The modifications include (1) reducing the frequency of the reports to once a year with the month of release changed to May, (2) eliminating the bypass section, (3) adding a new section on revenues, expenses and investment, which will include data from ARMIS, (4) adding a new section on infrastructure and new services, which will also include data from ARMIS, as well as any voluntarily submitted information on new or experimental services or infrastructures, (5) adding information on the toll rates of Sprint and MCI to the rates section, and (6) eliminating information on SLU and SPF from the usage section. These changes will be implemented in the next report, to be released in May 1993.

The Joint Board also recommended that as much of the report as possible be made available electronically. This has already been implemented by having most of the tables in the report available through an electronic bulletin board, which can be reached by dialing (202) 632-1361. The Joint Board further recommended that information received well in advance of the next Monitoring Report be made available on an interim basis in separate staff reports. This will be done whenever possible.

The deadline for submission of information for each future monitoring report will be on April 1 of each year. 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,⁴ where copies of all materials filed in the docket are available for public reference.

3 Amendment of Part 36 of the Commission's Rules and Establishment of a Joint Board, Establishment of a Program to Monitor the Impact of Joint Board Decision, CC Docket Nos. 80-286 and 87-339, Recommended Decision and Order, FCC 92J-1, released July 8, 1992.

4 1250 23rd Street, N. W., Suite 10, FCC, Washington, DC 20554.

The following federal and state staff members have contributed to this report and can be contacted for further information.

General Information: Alexander Belinfante (Federal) (202) 632-1367
Peyton Wynns (Federal) (202) 632-1365
Jay Atkinson (Federal) (202) 634-1861
Ronald Choura (Michigan) (517) 334-6240
Robert Loubé (D.C) (202) 626-5145
Mary Steel (North Carolina) (919) 733-0846
Ann Dean (Maryland) (410) 333-6050
Teresa Ralston (Washington) (206) 664-0835

Subscribership and Penetration: Alexander Belinfante (Federal) (202) 632-1367
Ronald Choura (Michigan) (517) 334-6240
Sam Loudenslager (Arkansas) (501) 682-5824

Lifeline Assistance Plans: Laurence Povich (Federal) (202) 632-1393
Joel Shifman (Maine) (207) 289-3831

Costs and High Cost Assistance: Alexander Belinfante (Federal) (202) 632-1367
Rowland Curry (Texas) (512) 458-0103
Joel Shifman (Maine) (207) 289-3831
Dean Evans (California) (415) 577-2152
Sam Loudenslager (Arkansas) (501) 682-5824

Network Usage and Growth: Alexander Belinfante (Federal) (202) 632-1367
Paul Pederson (Missouri) (314) 751-7427
Brenda Buchan (Florida) (904) 487-1325

Rates and Revenues: James Lande (Federal) (202) 632-1371
Linda Blake (Federal) (202) 632-1392
Elton Calder (Georgia) (404) 656-4565

Bypass: Jonathan Kraushaar (Federal) (202) 632-1368
Fred Sistarenik (New York) (518) 486-2815
Michael Gallagher (New Jersey) (201) 648-7695

Pooling and Rate Deaveraging: Alexander Belinfante (Federal) (202) 632-1367
Michael Gallagher (New Jersey) (201) 648-7695
Mark Jamison (Iowa) (515) 281-5611

SERVICE LIST

All items filed in CC Docket No. 87-339 must be filed with the Secretary, Federal Communications Commission, 1919 M Street, N.W., Room 222, Washington, D.C. 20554, and the following Commissioners and staff members:

DOCKET NO. 80-286 JOINT BOARD MEMBERS

Chairman Alfred C. Sikes
Federal Communications Commission
1919 M Street, N.W., Room 814
Washington, D. C. 20554

Commissioner Andrew C. Barrett
Federal Communications Commission
1919 M. St., N.W., Room 844
Washington, DC 20554

Chairman Thomas Beard
Florida Public Service Commission
Fletcher Building
101 East Gaines Street
Tallahassee, Florida 32399-0850

Chairman Sharon Nelson
Washington Utilities and
Transportation Commission
Chandler Plaza Building
1300 South Evergreen Park Drive SW
Olympia, WA 98504-8002

Commissioner Ervin S. Duggan
Federal Communications Commission
1919 M Street, N.W., Room 832
Washington, D.C. 20554

Chairman Dennis J. Nagel
Iowa Utilities Board
Lucas State Office Bldg.
Des Moines, IA 50319

Commissioner Lilo K. Schifter
Maryland Public Service Commission
American Building
231 East Baltimore Street
Baltimore, MD 21202-3486

DOCKET NO. 80-286 FEDERAL-STATE JOINT BOARD STAFF

Ronald Choura
Chairman, Federal-State Joint
Board Staff
Michigan Public Service
Commission
6545 Mercantile Way
Lansing, Michigan 48910

Ann Dean
Maryland Public Service Commission
American Building
231 East Baltimore Street
Baltimore, MD 21202-3486

Rowland Curry
Texas Public Utility Commission
Suite 400 N
7800 Shoal Creek Blvd.
Austin, Texas 78757

Sam Loudenslager
Arkansas Public Service Commission
1000 Center Street
P.O. Box C-400
Little Rock, Arkansas 72203

Michael P. Gallagher
New Jersey Board of Public
Utilities
2 Gateway Center
Newark, New Jersey 07102

Fred Sistarenik
New York Public Service Commission
3 Empire State Plaza
Albany, New York 12223

Mary Steel
North Carolina Utilities
Commission
Box 29510
Raleigh, North Carolina 27626-0510
[if hand delivered:
Dobbs Building
430 North Salisbury Street
Raleigh, North Carolina 27602]

Elton Calder
Georgia Public Service
Commission
162 State Office Building
244 Washington Street, S.W.
Atlanta, Georgia 30334

Teresa Ralston
Washington Utilities and
Transportation Commission
Chandler Plaza Building
1300 South Evergreen Park Drive SW
Olympia, WA 98504-8002

Paul Pederson
Missouri Public Service Commission
Harry S Truman Bldg., 5th Floor
P.O. Box 360
Jefferson City, Missouri 65102

Dean Evans
California Public Utilities
Commission
505 Van Ness Avenue, Room 4004
San Francisco, California 94102

Mark Jamison
Iowa Utilities Board
Lucas State Office Bldg.
Des Moines, IA 50319

Joel B. Shifman
Maine Public Utilities
Commission
State House Station #18
Augusta, Maine 04333

Jay Atkinson
Chief, Cost Analysis Branch
Accounting and Audits Division
Common Carrier Bureau
Federal Communications Commission
2000 L Street, N.W., Room 257
Washington, D.C. 20554

Brenda Buchan
Florida Public Service Commission
Fletcher Building
101 East Gaines Street
Tallahassee, Florida 32399-0850

Charles Gray
National Association of
Regulatory Utility Commissioners
1102 ICC Building
Constitution Ave. & 12th St., N.W.
Washington, DC 20044

Robert Loubé
Public Service Commission of
the District of Columbia
450 Fifth St., N.W.
Washington, DC 20001

OTHER FEDERAL STAFF

Alexander Belinfante
Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

Peyton L. Wynns
Chief, Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

Jonathan Kraushaar
Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

Linda Blake
Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

James Lande
Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

Laurence Povich
Industry Analysis Division
Common Carrier Bureau
Federal Communications Commission
1250 23rd Street, NW, Suite 10
Washington, D.C. 20554

1. Subscribership and Penetration Level

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 March 1992, 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 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 0.2% from March to July, followed by a decrease of 0.1% from July to November.

Census Bureau figures for March 1992, the most recent data available, show that the percentage of households subscribing to telephone service is 93.9%, which is up 0.3% from March 1991, and is the highest level ever reported. As a result of an increasing percentage of subscribership and an increasing number of households, 1.5 million households were added to the nation's telephone system between March 1991 and March 1992.

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 94.7% of those adults in the civilian noninstitutionalized population have a telephone in their household. This figure is up 0.2% from the March 1991 level, and it is the highest level ever reported.

This section contains eleven tables and four 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.

Chart 1.1 depicts the nationwide penetration rates for households graphically over time. The values in this chart are taken from the top line of Table 1.2.

Chart 1.2 depicts the states with March 1992 penetration rates more than 1% below the national average, within 1% of the national average, or more than 1% above the national average.

Chart 1.3 depicts changes in annual average household penetration rates by state between 1984 and 1991. These are based on the "Unit" data in Table 1.2 and the corresponding critical values calculated from Table 1.7. States with statistically significant increases are shown, along with other states with increases and states with decreases. Only the District of Columbia had a statistically significant decrease.

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.

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. Caution should be taken in comparing these figures over time, because these income levels are not adjusted for inflation. Thus the same nominal income level at two points in time will reflect different real incomes in terms of purchasing power.

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 1.4 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 Subscribership 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
March 1991	95.3	89.2	93.6	6.1	6.4
July 1991	95.5	89.1	93.3	6.4	6.7
November 1991	95.7	89.4	93.4	6.3	6.6
March 1992	96.6	90.7	93.9	5.9	6.1

CHART 1.1

Telephone Penetration

Households

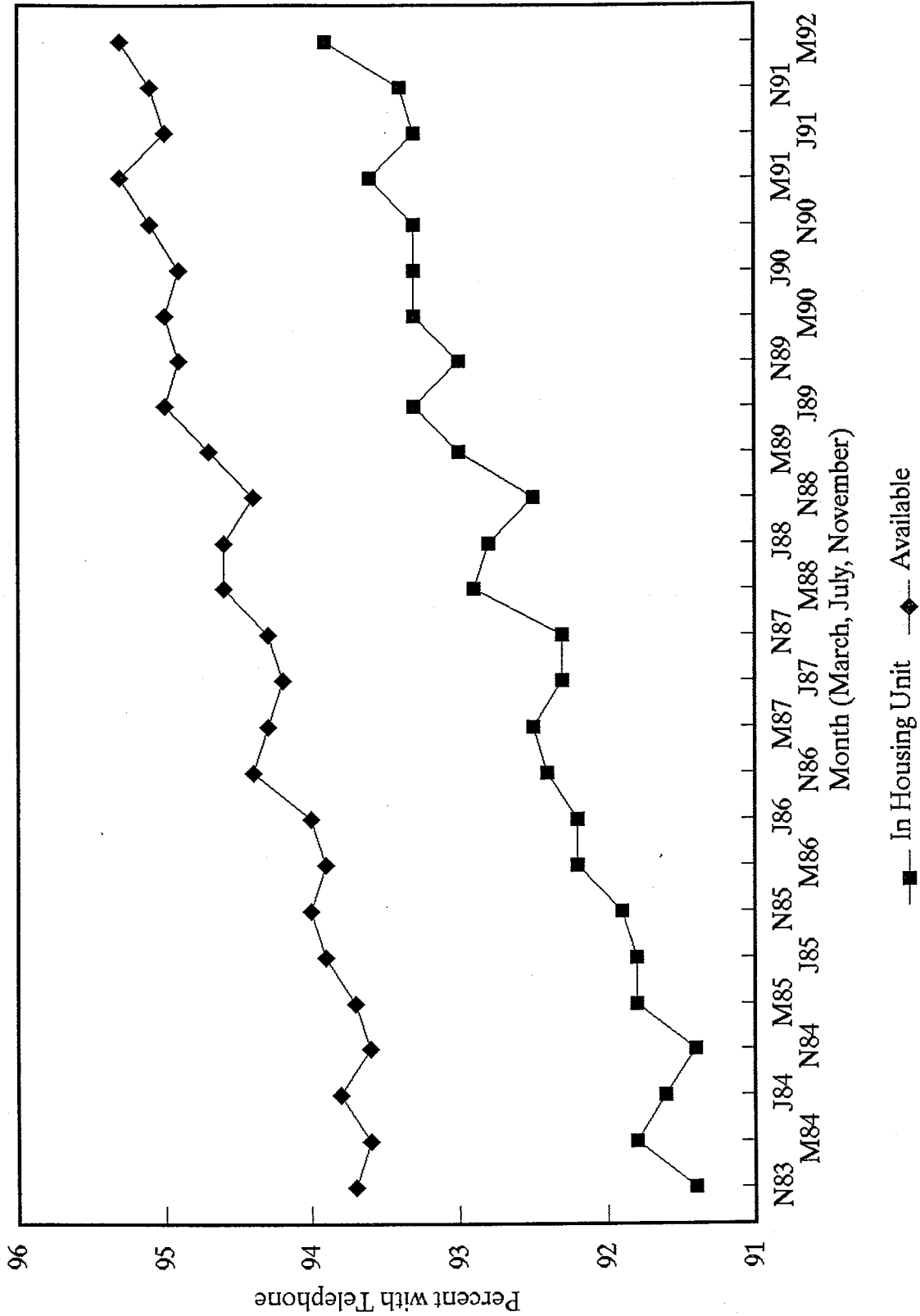


CHART 1.2

Telephone Penetration March 1992

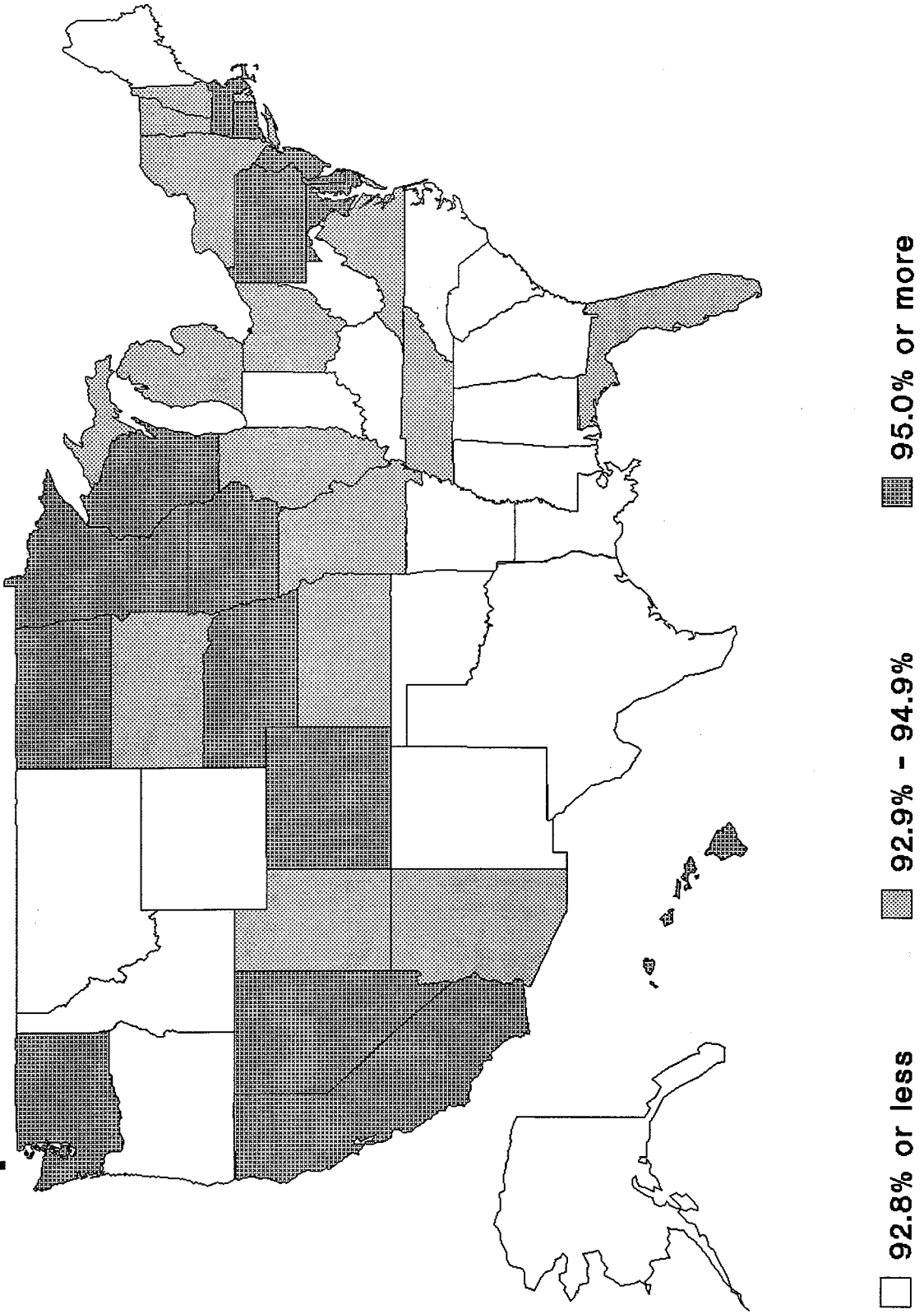


CHART 1.3

Penetration Changes 1984 - 1991

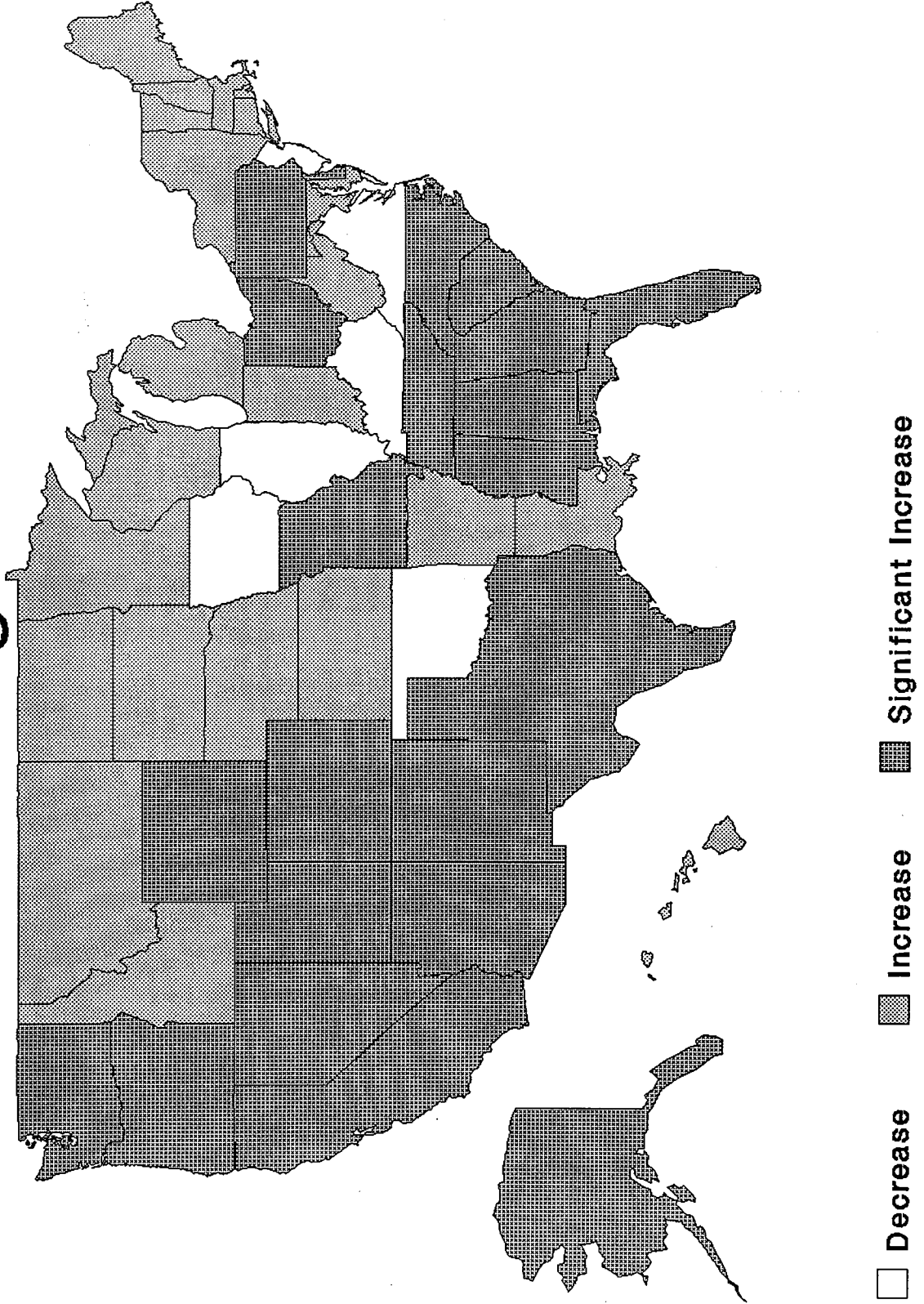


TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1983		1984					
	NOVEMBER Unit	Avail	MARCH Unit	Avail	JULY Unit	Avail	NOVEMBER 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 COLUMBIA	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
NORTH CAROLINA	89.3	92.9	88.5	92.2	87.9	91.4	88.5	92.2
NORTH 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
SOUTH CAROLINA	81.8	84.9	84.5	87.9	83.6	88.1	82.9	87.1
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	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 COLUMBIA	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
NORTH CAROLINA	88.3	91.9	89.8	92.2	89.2	92.7	89.2	92.2
NORTH 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
SOUTH CAROLINA	83.7	87.7	87.2	90.6	85.6	90.5	87.6	90.4
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	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 COLUMBIA	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
NORTH CAROLINA	89.4	92.4	90.0	92.1	90.6	93.0	90.1	92.5
NORTH 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
SOUTH CAROLINA	86.8	90.5	88.8	91.6	83.8	88.8	86.3	91.4
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	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 COLUMBIA	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
NORTH CAROLINA	90.2	92.5	89.7	92.1	89.5	91.9	88.5	91.2
NORTH 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
SOUTH CAROLINA	86.3	90.6	89.0	91.2	85.6	89.0	88.5	91.6
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	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 COLUMBIA	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
NORTH CAROLINA	89.2	91.7	90.1	92.7	91.2	92.9	89.9	92.8
NORTH 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
SOUTH CAROLINA	87.7	90.6	88.3	91.6	87.4	91.1	89.7	91.6
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	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 COLUMBIA	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	94.2	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
NORTH CAROLINA	90.4	92.8	92.0	94.2	91.9	93.9	91.8	94.1
NORTH 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
SOUTH CAROLINA	88.5	91.4	87.2	89.5	88.8	92.1	87.4	90.9
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1989		1990					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	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 COLUMBIA	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
NORTH CAROLINA	91.9	94.1	92.3	94.5	92.0	94.4	91.5	93.8
NORTH 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
SOUTH CAROLINA	87.8	90.8	89.6	92.9	89.4	92.6	91.7	94.2
SOUTH 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
WEST 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

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1990		1991					
	ANNUAL AVERAGE		MARCH		JULY		NOVEMBER	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
UNITED STATES	93.3	95.0	93.6	95.3	93.3	95.0	93.4	95.1
ALABAMA	89.5	91.1	90.3	93.0	90.7	92.3	93.3	94.7
ALASKA	89.3	92.6	89.7	93.1	91.5	94.1	91.3	93.4
ARIZONA	93.0	95.1	93.7	94.8	93.3	94.8	93.4	95.2
ARKANSAS	88.7	91.9	88.1	91.9	88.0	91.0	86.7	91.3
CALIFORNIA	94.6	95.5	95.0	95.9	95.1	95.8	95.0	95.9
COLORADO	94.7	96.3	94.4	97.0	96.2	97.3	95.5	96.7
CONNECTICUT	97.1	97.7	97.2	97.6	95.3	97.3	96.1	96.9
DELAWARE	96.0	97.1	96.9	97.7	96.8	97.8	95.6	96.9
DIST OF COLUMBIA	91.4	93.2	91.9	92.0	89.7	93.0	91.2	92.8
FLORIDA	93.0	94.9	93.0	94.7	93.4	95.2	93.4	95.1
GEORGIA	90.9	93.4	91.0	92.4	88.2	91.0	90.5	91.6
HAWAII	95.3	96.8	95.2	96.2	95.5	96.7	94.6	96.2
IDAHO	92.8	94.1	91.7	94.4	91.1	91.9	93.1	94.6
ILLINOIS	94.3	95.7	93.7	95.4	93.8	95.6	93.9	95.7
INDIANA	92.8	95.9	92.7	95.5	91.8	94.9	92.0	93.5
IOWA	96.1	96.9	95.6	97.2	96.4	97.4	94.7	97.7
KANSAS	95.4	96.5	94.2	95.6	95.1	96.3	94.2	95.1
KENTUCKY	89.1	93.3	89.1	93.1	87.5	93.0	87.7	92.7
LOUISIANA	89.4	92.0	92.9	94.9	91.2	93.8	89.2	92.9
MAINE	95.7	97.6	95.6	97.8	91.7	95.0	95.9	96.9
MARYLAND	95.4	96.7	97.0	97.9	95.8	96.5	95.9	97.1
MASSACHUSETTS	96.6	97.4	96.5	97.4	95.7	96.9	97.1	97.9
MICHIGAN	94.1	95.5	94.6	95.9	93.0	94.5	94.7	96.1
MINNESOTA	96.9	98.1	97.1	97.9	98.0	98.5	96.1	97.5
MISSISSIPPI	87.0	90.9	86.2	90.0	84.4	90.8	87.3	92.0
MISSOURI	92.0	95.3	94.2	96.0	92.9	94.6	93.8	95.2
MONTANA	92.0	94.2	91.6	93.2	94.4	96.5	91.5	93.6
NEBRASKA	96.2	97.1	96.0	96.5	97.4	97.9	94.4	94.9
NEVADA	92.6	93.6	92.9	94.4	93.2	93.7	93.7	95.3
NEW HAMPSHIRE	95.0	96.5	96.7	97.9	96.3	97.4	95.6	97.3
NEW JERSEY	94.7	95.9	94.8	95.5	93.8	95.7	92.3	94.5
NEW MEXICO	85.8	89.5	87.6	90.2	86.5	88.5	87.2	90.9
NEW YORK	91.1	92.8	91.6	93.3	92.4	93.8	91.7	93.2
NORTH CAROLINA	91.9	94.2	92.5	95.1	91.1	93.2	91.8	94.4
NORTH DAKOTA	97.0	97.9	96.6	98.3	96.3	97.1	95.9	97.3
OHIO	95.2	96.3	94.8	96.0	94.1	95.5	94.6	96.0
OKLAHOMA	89.5	92.7	89.5	92.6	90.3	92.2	88.0	90.9
OREGON	94.5	95.9	96.0	96.0	91.9	92.6	96.3	97.7
PENNSYLVANIA	96.9	97.6	97.1	98.0	96.5	97.7	96.8	97.7
RHODE ISLAND	95.6	96.5	94.5	95.9	94.5	96.3	95.2	96.7
SOUTH CAROLINA	90.2	93.2	89.6	93.2	90.3	94.4	90.2	92.2
SOUTH DAKOTA	93.4	95.3	93.5	94.8	94.9	97.0	92.8	95.2
TENNESSEE	91.6	94.1	90.7	93.2	92.9	94.8	93.0	95.7
TEXAS	89.4	92.0	91.6	94.2	90.5	93.5	91.1	93.1
UTAH	95.6	96.3	97.0	97.7	96.0	96.8	95.7	96.6
VERMONT	94.9	96.9	94.7	97.4	93.5	95.3	95.1	96.8
VIRGINIA	93.0	94.9	92.1	94.8	92.2	94.0	93.5	95.3
WASHINGTON	97.1	97.7	97.4	97.7	96.4	97.0	96.7	97.3
WEST VIRGINIA	87.6	91.7	89.0	93.1	89.5	93.1	88.4	92.8
WISCONSIN	96.9	97.7	96.7	97.7	97.0	98.1	95.9	96.8
WYOMING	94.1	95.9	95.6	96.8	94.3	96.1	94.0	95.9

TABLE 1.2 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY STATE

	1991		1992	
	ANNUAL AVERAGE		MARCH	
	Unit	Avail	Unit	Avail
UNITED STATES	93.4	95.1	93.9	95.3
ALABAMA	91.4	93.3	90.4	93.3
ALASKA	90.8	93.5	90.9	92.9
ARIZONA	93.4	94.9	93.7	94.4
ARKANSAS	87.6	91.4	86.9	90.2
CALIFORNIA	95.0	95.9	95.3	96.2
COLORADO	95.4	97.0	95.6	96.7
CONNECTICUT	96.2	97.3	97.4	98.9
DELAWARE	96.4	97.5	95.3	96.8
DIST OF COLUMBIA	90.9	92.6	90.3	91.9
FLORIDA	93.3	95.0	94.0	95.7
GEORGIA	89.9	91.7	90.3	92.0
HAWAII	95.1	96.4	95.5	96.3
IDAHO	92.0	93.6	91.8	94.3
ILLINOIS	93.8	95.6	94.2	95.5
INDIANA	92.2	94.6	88.9	90.6
IOWA	95.6	97.4	95.1	96.7
KANSAS	94.5	95.7	94.8	96.1
KENTUCKY	88.1	92.9	90.2	92.6
LOUISIANA	91.1	93.9	92.6	94.3
MAINE	94.4	96.6	91.9	94.8
MARYLAND	96.3	97.2	95.8	96.9
MASSACHUSETTS	96.4	97.4	96.8	97.4
MICHIGAN	94.1	95.5	94.0	95.3
MINNESOTA	97.1	97.9	97.1	97.6
MISSISSIPPI	86.0	90.9	86.5	90.3
MISSOURI	93.6	95.2	94.8	97.2
MONTANA	92.5	94.4	92.7	94.4
NEBRASKA	95.9	96.4	97.2	98.0
NEVADA	93.3	94.5	95.1	96.1
NEW HAMPSHIRE	96.2	97.5	94.6	96.6
NEW JERSEY	93.6	95.2	95.2	95.9
NEW MEXICO	87.1	89.9	88.5	90.6
NEW YORK	91.9	93.4	93.5	94.3
NORTH CAROLINA	91.8	94.2	92.6	94.5
NORTH DAKOTA	96.3	97.6	96.2	97.4
OHIO	94.5	95.8	94.3	95.2
OKLAHOMA	89.3	91.9	91.5	94.0
OREGON	94.7	95.4	92.3	92.9
PENNSYLVANIA	96.8	97.8	97.9	98.4
RHODE ISLAND	94.7	96.3	94.6	95.2
SOUTH CAROLINA	90.0	93.3	89.0	93.4
SOUTH DAKOTA	93.7	95.7	94.2	95.7
TENNESSEE	92.2	94.6	94.0	95.9
TEXAS	91.1	93.6	91.5	94.6
UTAH	96.2	97.0	94.3	95.3
VERMONT	94.4	96.5	94.2	94.8
VIRGINIA	92.6	94.7	94.3	95.6
WASHINGTON	96.8	97.3	96.9	97.2
WEST VIRGINIA	89.0	93.0	89.5	93.2
WISCONSIN	96.5	97.5	97.7	98.3
WYOMING	94.6	96.3	92.8	94.9

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
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
MARCH 84								
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
JULY 84								
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
NOVEMBER 84								
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
1984 ANNUAL AVERAGE								
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	94.0	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
MARCH 85								
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
JULY 85								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 85								
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
1985 ANNUAL AVERAGE								
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
MARCH 86								
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
JULY 86								
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
NOVEMBER 86								
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
1986 ANNUAL AVERAGE								
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
MARCH 87								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 87								
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
NOVEMBER 87								
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
1987 ANNUAL AVERAGE								
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
MARCH 88								
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
JULY 88								
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
NOVEMBER 88								
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
1988 ANNUAL AVERAGE								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 89								
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
JULY 89								
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
NOVEMBER 89								
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
1989 ANNUAL AVERAGE								
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
MARCH 90								
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
JULY 90								
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
NOVEMBER 90								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1990 ANNUAL AVERAGE								
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
MARCH 91								
TOTAL	93.6	95.3	95.0	96.3	84.1	87.9	84.0	89.9
1 PERSON	91.2	94.0	93.1	95.4	78.9	84.3	78.1	85.8
2 – 3	95.1	96.4	96.2	97.2	86.8	90.2	86.6	88.5
4 – 5	94.0	95.2	95.0	96.0	86.4	89.2	83.5	86.1
6+	89.2	90.4	91.4	92.3	79.9	82.2	83.7	84.7
JULY 91								
TOTAL	93.3	95.0	94.7	96.2	82.9	86.5	84.6	87.6
1 PERSON	90.8	93.7	92.7	95.2	79.5	84.9	79.6	83.7
2 – 3	94.7	96.1	95.9	97.0	85.7	88.3	86.0	89.0
4 – 5	93.5	94.9	95.1	96.3	82.2	85.5	86.0	88.8
6+	88.8	90.7	90.5	92.1	80.3	84.3	82.5	84.5
NOVEMBER 91								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.1	83.6	85.6
1 PERSON	91.1	94.0	92.6	95.3	80.9	85.4	75.4	80.3
2 – 3	94.8	96.1	96.0	97.0	84.9	88.2	86.1	87.6
4 – 5	93.7	95.1	95.1	96.2	84.2	87.7	85.8	87.5
6+	88.5	90.0	89.7	91.1	82.8	85.2	79.8	80.8
1991 ANNUAL AVERAGE								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.2	84.1	87.7
1 PERSON	91.1	93.9	92.8	95.3	79.8	84.9	77.7	83.3
2 – 3	94.9	96.2	96.0	97.1	85.8	88.9	86.2	88.4
4 – 5	93.7	95.0	95.1	96.1	84.3	87.4	85.1	87.5
6 +	88.8	90.4	90.5	91.8	81.0	83.9	82.0	83.3
MARCH 92								
TOTAL	93.9	95.3	95.3	96.5	83.8	87.4	86.6	89.0
1 PERSON	91.9	94.0	93.8	95.5	80.1	84.6	79.6	84.1
2 – 3	95.3	96.4	96.5	97.3	86.2	88.9	88.5	91.2
4 – 5	93.5	94.9	95.0	96.0	83.3	87.6	87.2	89.1
6+	90.6	92.4	91.8	93.2	85.2	88.1	86.6	87.2

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
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
MARCH 84								
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
JULY 84								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 84								
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
1984 ANNUAL AVERAGE								
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
MARCH 85								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 85								
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
NOVEMBER 85								
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
1985 ANNUAL AVERAGE								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 86								
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
JULY 86								
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
NOVEMBER 86								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1986 ANNUAL AVERAGE								
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
MARCH 87								
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
JULY 87								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 87								
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
1987 ANNUAL AVERAGE								
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
MARCH 88								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 88								
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
NOVEMBER 88								
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
1988 ANNUAL AVERAGE								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 89								
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
JULY 89								
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
NOVEMBER 89								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1989 ANNUAL AVERAGE								
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
MARCH 90								
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
JULY 90								
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

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 90								
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
1990 ANNUAL AVERAGE								
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
MARCH 91								
TOTAL	93.6	95.3	95.0	96.3	84.1	87.9	84.0	86.9
UNDER \$5,000	75.1	81.2	79.5	84.8	63.8	71.8	65.9	72.4
\$5,000 – \$7,499	82.8	87.0	85.0	89.0	74.3	80.0	70.2	75.7
\$7,500 – \$9,999	88.3	91.2	88.7	91.4	85.4	89.6	72.4	76.5
\$10,000 – \$12,499	89.0	91.2	90.6	92.5	80.4	84.1	75.3	78.3
\$12,500 – \$14,999	90.6	93.0	91.4	93.7	85.4	88.4	81.0	85.1
\$15,000 – \$19,999	92.9	95.1	93.7	95.5	88.3	92.2	85.4	88.7
\$20,000 – \$24,999	95.4	96.9	96.1	97.5	90.3	92.2	90.4	92.8
\$25,000 – \$29,999	96.8	98.0	97.5	98.5	91.7	94.1	89.0	90.6
\$30,000 – \$34,999	98.2	98.9	98.8	99.2	93.2	96.7	95.0	96.8
\$35,000 – \$39,999	98.6	99.0	98.9	99.2	95.5	96.9	96.2	96.6
\$40,000 – \$49,999	99.4	99.5	99.4	99.5	99.2	99.6	99.0	99.0
\$50,000 – \$59,999	99.5	99.6	99.5	99.6	99.4	99.7	99.6	99.6
\$60,000 – \$74,999	99.9	99.9	99.9	99.9	99.2	99.2	97.3	98.3
\$75,000 +	99.5	99.9	99.5	99.9	100.0	100.0	98.9	98.9

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 91								
TOTAL	93.3	95.0	94.7	96.2	82.9	86.5	84.6	87.6
UNDER \$5,000	75.1	80.8	79.6	84.8	64.4	71.6	64.8	72.0
\$5,000 – \$7,499	82.4	86.4	85.3	89.0	72.9	78.3	70.4	75.4
\$7,500 – \$9,999	85.9	88.9	88.3	90.9	75.9	80.7	75.4	79.4
\$10,000 – \$12,499	88.6	91.8	89.7	92.8	82.0	85.9	75.9	79.8
\$12,500 – \$14,999	91.2	93.5	92.5	94.6	83.8	87.5	84.1	85.8
\$15,000 – \$19,999	93.4	95.0	94.5	95.9	86.6	89.8	89.5	92.6
\$20,000 – \$24,999	95.6	97.1	96.0	97.5	93.0	94.8	92.6	94.7
\$25,000 – \$29,999	96.4	97.4	96.7	97.5	94.0	96.4	93.1	93.5
\$30,000 – \$34,999	98.4	99.1	98.5	99.3	96.6	97.5	95.3	97.6
\$35,000 – \$39,999	98.5	99.1	98.7	99.2	96.6	97.2	95.0	96.4
\$40,000 – \$49,999	98.8	99.6	98.9	99.6	98.1	99.0	97.0	98.7
\$50,000 – \$59,999	99.5	99.8	99.6	99.9	97.4	98.1	97.4	98.2
\$60,000 – \$74,999	99.6	99.9	99.7	99.9	98.6	99.2	99.2	99.2
\$75,000 +	99.8	100.0	99.8	100.0	98.9	100.0	96.7	100.0
NOVEMBER 91								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.1	83.6	85.6
UNDER \$5,000	71.7	78.2	75.7	81.7	61.8	70.2	65.0	69.5
\$5,000 – \$7,499	83.4	87.1	85.1	88.5	77.7	82.6	68.3	72.9
\$7,500 – \$9,999	85.4	89.1	87.2	90.7	76.0	80.8	71.6	74.9
\$10,000 – \$12,499	89.1	91.7	89.7	92.1	84.7	88.6	76.9	79.4
\$12,500 – \$14,999	91.5	93.8	92.2	94.6	87.3	89.3	82.1	82.8
\$15,000 – \$19,999	93.7	95.5	94.8	96.3	86.5	90.0	86.2	88.2
\$20,000 – \$24,999	95.4	97.0	96.0	97.5	90.4	93.0	91.8	93.1
\$25,000 – \$29,999	97.4	98.3	97.7	98.4	95.0	97.6	90.7	93.0
\$30,000 – \$34,999	98.3	98.8	98.5	99.0	96.4	97.1	97.0	97.0
\$35,000 – \$39,999	98.9	99.3	98.9	99.3	99.0	99.0	97.4	98.8
\$40,000 – \$49,999	99.1	99.5	99.3	99.7	96.9	97.1	98.5	98.7
\$50,000 – \$59,999	99.4	99.6	99.5	99.7	99.1	99.1	96.9	97.9
\$60,000 – \$74,999	99.7	99.9	99.6	99.9	100.0	100.0	100.0	100.0
\$75,000 +	99.8	99.9	99.8	99.9	100.0	100.0	100.0	100.0
1991 ANNUAL AVERAGE								
TOTAL	93.4	95.1	94.8	96.2	83.5	87.2	84.1	86.7
UNDER \$5,000	73.9	80.1	78.3	83.7	63.3	71.2	65.2	71.3
\$5,000 – \$7,499	82.9	86.8	85.2	88.8	75.0	80.3	69.6	74.7
\$7,500 – \$9,999	86.5	89.7	88.1	91.0	79.1	83.7	73.1	76.9
\$10,000 – \$12,499	88.9	91.6	90.0	92.5	82.4	86.2	76.0	79.2
\$12,500 – \$14,999	91.1	93.4	92.1	94.3	85.5	88.4	82.4	84.6
\$15,000 – \$19,999	93.4	95.2	94.3	95.9	87.1	90.7	87.0	89.8
\$20,000 – \$24,999	95.5	97.0	96.0	97.5	91.2	93.3	91.6	93.5
\$25,000 – \$29,999	96.8	97.9	97.3	98.2	93.6	96.0	90.9	92.4
\$30,000 – \$34,999	98.3	98.9	98.6	99.2	95.4	97.1	95.8	97.1
\$35,000 – \$39,999	98.7	99.1	98.8	99.3	97.0	97.7	96.2	97.3
\$40,000 – \$49,999	99.1	99.5	99.2	99.6	98.1	98.6	98.2	98.8
\$50,000 – \$59,999	99.5	99.7	99.5	99.7	98.6	99.0	97.9	98.6
\$60,000 – \$74,999	99.7	99.9	99.7	99.9	99.3	99.5	98.8	99.2
\$75,000 +	99.7	99.9	99.7	99.9	99.6	100.0	98.5	99.6

TABLE 1.4 – PERCENTAGE OF HOUSEHOLDS WITH A TELEPHONE BY INCOME

	TOTAL		RACE				HISPANIC	
	Unit	Avail	WHITE		BLACK		ORIGIN	
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 92								
TOTAL	93.9	95.3	95.3	96.5	83.8	87.4	86.6	89.0
UNDER \$5,000	71.7	78.1	76.0	82.0	63.0	70.2	66.9	73.7
\$5,000 – \$7,499	83.7	87.1	85.9	88.4	76.7	83.2	72.8	76.1
\$7,500 – \$9,999	88.3	90.5	90.4	92.3	79.3	82.7	78.4	82.5
\$10,000 – \$12,499	90.0	92.5	91.0	93.3	83.5	87.7	81.2	83.1
\$12,500 – \$14,999	91.2	93.4	92.3	94.5	85.4	87.5	84.1	88.7
\$15,000 – \$19,999	93.2	94.9	94.3	95.6	86.4	90.4	87.3	88.6
\$20,000 – \$24,999	95.6	96.9	96.4	97.4	89.7	93.1	91.6	93.0
\$25,000 – \$29,999	97.2	98.0	97.8	98.5	91.5	93.0	96.0	97.0
\$30,000 – \$34,999	98.2	98.9	98.4	98.9	96.9	98.7	96.1	98.3
\$35,000 – \$39,999	98.6	99.1	99.2	99.5	95.7	96.7	96.7	98.2
\$40,000 – \$49,999	99.0	99.4	99.3	99.6	96.4	97.4	96.0	97.1
\$50,000 – \$59,999	99.5	99.7	99.5	99.7	98.9	100.0	99.1	99.1
\$60,000 – \$74,999	99.4	99.7	99.4	99.7	98.7	99.7	100.0	100.0
\$75,000 +	99.4	99.6	99.5	99.8	95.3	95.3	99.1	99.1

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
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
MARCH 84								
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
JULY 84								
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
NOVEMBER 84								
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
1984 ANNUAL AVERAGE								
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
MARCH 85								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 85								
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
NOVEMBER 85								
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
1985 ANNUAL AVERAGE								
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
MARCH 86								
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
JULY 86								
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
NOVEMBER 86								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1986 ANNUAL AVERAGE								
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
MARCH 87								
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
JULY 87								
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
NOVEMBER 87								
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
1987 ANNUAL AVERAGE								
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
MARCH 88								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 88								
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
NOVEMBER 88								
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
1988 ANNUAL AVERAGE								
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
MARCH 89								
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
JULY 89								
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
NOVEMBER 1989								
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

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
1989 ANNUAL AVERAGE								
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
MARCH 90								
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
JULY 90								
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
NOVEMBER 90								
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
1990 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.3	95.0	94.6	96.1	83.5	87.0	82.7	85.3
16–24 YRS OLD	81.2	86.5	83.6	88.2	66.4	75.3	67.8	73.5
25–54 YRS OLD	92.6	94.5	94.1	95.7	82.4	86.1	82.0	84.6
55–59 YRS OLD	95.4	96.4	96.5	97.4	87.3	89.6	89.9	90.7
60–64 YRS OLD	96.2	96.9	97.1	97.6	89.7	91.6	90.6	91.1
65–69 YRS OLD	96.3	97.1	97.0	97.8	90.7	91.7	90.7	92.5
70–99 YRS OLD	96.9	97.8	97.4	98.3	91.9	93.3	93.2	94.1
MARCH 91								
TOTAL HOUSEHOLDS	93.6	95.3	95.0	96.3	84.1	87.9	84.0	86.9
16–24 YRS OLD	80.7	86.4	82.8	88.4	66.9	74.4	67.4	75.5
25–54 YRS OLD	93.1	94.9	94.6	96.0	83.3	87.4	84.3	86.6
55–59 YRS OLD	95.4	96.6	96.5	97.3	87.0	90.8	89.3	90.2
60–64 YRS OLD	95.7	96.8	96.6	97.3	89.1	92.7	89.6	92.2
65–69 YRS OLD	96.9	97.5	97.7	98.2	90.0	91.6	94.7	96.3
70–99 YRS OLD	97.3	98.0	97.9	98.5	91.9	92.6	92.0	95.4

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

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 91								
TOTAL HOUSEHOLDS	93.3	95.0	94.7	96.2	82.9	86.5	84.6	87.6
15–24 YRS OLD	80.3	85.1	83.0	87.4	65.5	72.7	69.2	73.8
25–54 YRS OLD	92.6	94.5	94.2	95.9	81.6	85.7	85.3	88.5
55–59 YRS OLD	95.6	96.8	96.8	97.8	87.5	91.0	89.0	89.7
60–64 YRS OLD	95.9	97.0	96.9	97.9	88.5	90.5	85.5	89.0
65–69 YRS OLD	96.4	97.2	97.4	98.0	88.8	91.1	90.7	91.3
70–99 YRS OLD	97.0	97.8	97.5	98.3	92.3	92.9	91.1	92.0
NOVEMBER 91								
TOTAL HOUSEHOLDS	93.4	95.1	94.8	96.2	83.5	87.1	83.6	85.6
15–24 YRS OLD	81.9	86.8	84.4	88.3	64.8	76.4	69.0	72.4
25–54 YRS OLD	92.5	94.4	94.1	95.6	82.0	85.7	82.8	85.0
55–59 YRS OLD	95.4	96.6	96.3	97.4	89.4	90.8	91.3	91.7
60–64 YRS OLD	96.2	96.8	97.2	97.7	87.8	89.1	89.7	89.9
65–69 YRS OLD	96.8	97.8	97.5	98.4	90.6	92.7	93.2	94.4
70–99 YRS OLD	97.6	98.4	97.9	98.8	94.3	95.1	93.1	94.5
1991 ANNUAL AVERAGE								
TOTAL HOUSEHOLDS	93.4	95.1	94.8	96.2	83.5	87.2	84.1	86.7
16–24 YRS OLD	81.0	86.1	83.4	88.0	65.7	74.5	68.5	73.9
25–54 YRS OLD	92.7	94.6	94.3	95.8	82.3	86.3	84.1	86.7
55–59 YRS OLD	95.5	96.7	96.5	97.5	88.0	90.9	89.8	90.5
60–64 YRS OLD	95.9	96.9	96.9	97.6	88.5	90.8	88.3	90.4
65–69 YRS OLD	96.7	97.5	97.5	98.2	89.8	91.8	92.9	94.0
70–99 YRS OLD	97.3	98.1	97.8	98.6	92.8	93.5	92.1	94.0
MARCH 92								
TOTAL HOUSEHOLDS	93.9	95.3	95.3	96.5	83.8	87.4	86.6	89.0
16–24 YRS OLD	82.0	87.7	85.3	90.2	63.1	73.4	78.0	85.8
25–54 YRS OLD	93.2	94.8	94.7	96.0	82.9	86.8	85.8	88.1
55–59 YRS OLD	96.2	96.9	97.0	97.6	91.2	92.7	91.3	91.9
60–64 YRS OLD	96.6	97.3	97.6	98.2	90.1	91.9	92.2	94.0
65–69 YRS OLD	95.9	96.5	97.1	97.5	85.8	88.6	90.3	90.3
70–99 YRS OLD	97.6	97.9	98.3	98.6	92.0	92.9	95.4	95.9

TABLE 1.6 – PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 83								
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
MARCH 84								
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
JULY 84								
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
NOVEMBER 84								
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
1984 ANNUAL AVERAGE								
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
MARCH 85								
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
JULY 85								
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
NOVEMBER 85								
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
1985 ANNUAL AVERAGE								
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

TABLE 1.6 – PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
MARCH 86								
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
JULY 86								
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
NOVEMBER 86								
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
1986 ANNUAL AVERAGE								
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
MARCH 87								
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
JULY 87								
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
NOVEMBER 87								
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
1987 ANNUAL AVERAGE								
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
MARCH 88								
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	77.8
NOT IN LABOR FORCE	92.6	94.0	94.2	95.4	81.5	84.3	80.4	83.5

TABLE 1.6 – PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
JULY 88								
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
NOVEMBER 88								
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
1988 ANNUAL AVERAGE								
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
MARCH 89								
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
JULY 89								
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
NOVEMBER 89								
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
1989 ANNUAL AVERAGE								
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
MARCH 90								
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
JULY 90								
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	83.9

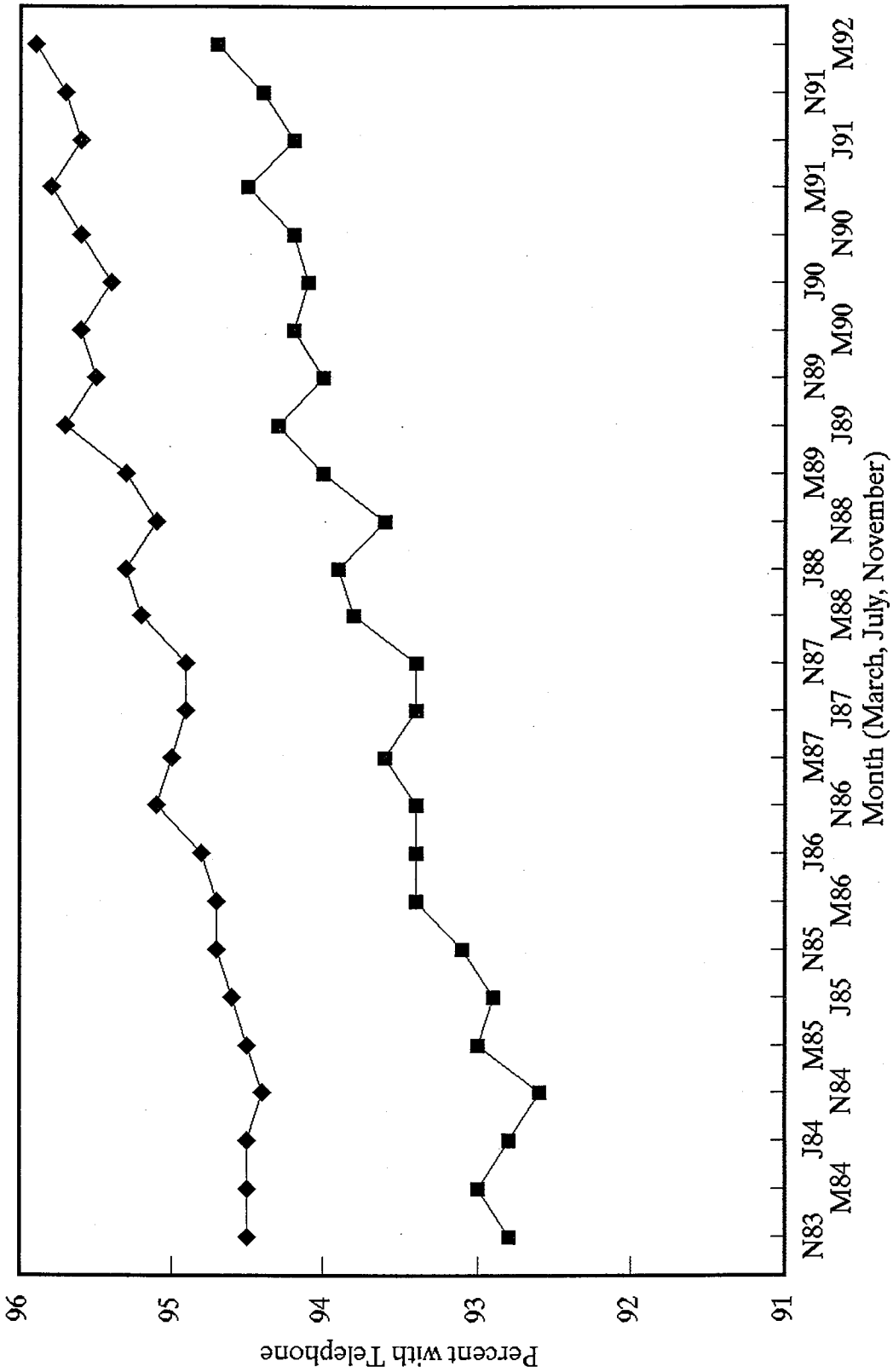
TABLE 1.6 – PERCENTAGE OF ADULTS WITH A TELEPHONE BY LABOR FORCE STATUS

	RACE						HISPANIC ORIGIN	
	TOTAL		WHITE		BLACK		Unit	Avail
	Unit	Avail	Unit	Avail	Unit	Avail	Unit	Avail
NOVEMBER 90								
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
1990 ANNUAL AVERAGE								
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
MARCH 91								
TOTAL CNP	94.5	95.8	95.6	96.6	86.8	89.7	85.6	87.8
EMPLOYED	95.7	96.9	96.4	97.4	90.1	92.8	87.6	89.8
UNEMPLOYED	86.6	89.6	87.9	90.5	81.0	85.9	76.8	80.7
NOT IN LABOR FORCE	93.4	94.7	94.9	96.0	83.1	85.9	83.7	85.6
JULY 91								
TOTAL CNP	94.2	95.6	95.3	96.6	85.7	88.6	85.6	88.3
EMPLOYED	95.4	96.8	96.2	97.4	89.4	92.0	87.5	90.1
UNEMPLOYED	86.9	89.9	89.1	91.6	78.7	83.7	79.8	83.5
NOT IN LABOR FORCE	92.8	94.1	94.5	95.7	81.4	84.3	83.2	85.6
NOVEMBER 1991								
TOTAL CNP	94.4	95.7	95.4	96.5	86.4	89.1	85.4	86.9
EMPLOYED	95.6	96.8	96.3	97.3	89.8	92.4	87.3	88.8
UNEMPLOYED	85.7	89.0	88.0	90.8	77.0	82.7	78.2	80.7
NOT IN LABOR FORCE	93.3	94.4	94.8	95.8	83.4	85.7	83.6	84.9
1991 ANNUAL AVERAGE								
TOTAL CNP	94.3	95.7	95.5	96.6	86.3	89.1	85.5	87.7
EMPLOYED	95.6	96.8	96.3	97.3	89.8	92.4	87.5	89.6
UNEMPLOYED	86.4	89.5	88.3	91.0	78.9	84.1	78.2	81.6
NOT IN LABOR FORCE	93.1	94.4	94.7	95.8	82.6	85.3	83.5	85.4
MARCH 1992								
TOTAL CNP	94.7	95.9	95.9	96.8	86.5	89.5	88.5	90.4
EMPLOYED	96.0	97.2	96.8	97.7	89.8	92.8	90.2	92.4
UNEMPLOYED	88.5	90.6	90.0	91.9	82.8	85.9	85.9	88.2
NOT IN LABOR FORCE	93.4	94.6	95.1	96.0	82.8	85.7	86.0	87.3

CHART 1.4

Telephone Penetration

Individual Adults



■ In Housing Unit ◆ Available

**TABLE 1.7
CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY STATE**

	IN UNIT	AVAILABLE
UNITED STATES	0.5%	0.5%
ALABAMA	3.6%	3.4%
ALASKA	5.3%	4.5%
ARIZONA	4.5%	4.4%
ARKANSAS	5.9%	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%	4.9%
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	5.1%	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%	3.4%
NEW JERSEY	2.4%	2.1%
NEW MEXICO	5.8%	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%
SOUTH CAROLINA	6.2%	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	4.5%	3.9%
WISCONSIN	3.1%	3.0%
WYOMING	4.7%	3.9%

**TABLE 1.8
CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY HOUSEHOLD SIZE**

	TOTAL		WHITE		BLACK		HISPANIC ORIGIN	
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
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%	11.3%	10.7%
2 - 3	0.8%	0.7%	0.8%	0.7%	3.4%	3.0%	7.6%	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 BY INCOME**

	TOTAL		WHITE		BLACK		HISPANIC ORIGIN	
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
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%	9.0%	8.7%
\$5,000 - \$7,499	1.7%	1.5%	1.8%	1.6%	5.5%	5.0%	11.3%	10.7%
\$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%	15.7%	14.5%
\$12,500 - \$14,999	2.1%	1.8%	2.1%	1.8%	8.6%	7.6%	18.2%	16.7%
\$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%	21.8%	19.7%
\$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%	15.2%	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%	44.6%	37.9%	54.3%	48.8%

**TABLE 1.10
CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY HOUSEHOLDER'S AGE**

	TOTAL		WHITE		BLACK		HISPANIC ORIGIN	
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
TOTAL	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%	10.6%	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%	8.9%	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%	30.5%	27.5%
70-99 YRS OLD	1.6%	1.4%	1.6%	1.4%	7.8%	6.7%	23.1%	21.0%

**TABLE 1.11
CRITICAL VALUES FOR DETERMINING SIGNIFICANT DIFFERENCES BY LABOR FORCE STATUS**

	TOTAL		WHITE		BLACK		HISPANIC ORIGIN	
	In Unit	Available	In Unit	Available	In Unit	Available	In Unit	Available
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%	9.4%	8.4%	25.1%	23.2%
NOT IN LABOR FORCE	1.3%	1.1%	1.3%	1.1%	5.1%	4.4%	12.0%	10.9%

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.¹ 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).² 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.

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 January 1991 and June 1991. Table 2.3

1 MIS 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 Decisions, Order, CC Docket No. 87-339, 2 FCC Rcd 5266 (1987).

2 Public Notice; Mimeo Number 11380.

provides a similar survey of states participating in the lifeline programs.³

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 optional 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.

The state matching contribution can be in the form of reduced local service rates, reduced connection charges or reduced deposit

3 Tables 2.2 through 2.6 were filed by NECA in this Docket on June 1, 1992.

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.

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 data, for each state and telephone company with a lifeline program, on the amount of money reimbursed to offset the subscriber line charge waiver. The amounts shown in Table 2.5 do not include local matching rate reductions. Table 2.6 provides similar data for the Link-Up America program.

Table 2.7 shows the number of customer lines in states where lifeline and Link-Up programs have been certified through December 31, 1990.

Since 1985, 2.6 million subscribers have been certified by state agencies to receive reduced monthly rates under the provisions of the lifeline programs. Rate reductions have included a combination of matching state and local telephone company discounts. The lifeline program makes it possible for unemployed subscribers to remain on the network, and the Link-Up program makes it possible for new subscribers to place telephone numbers on job applications, increasing employment possibilities. The Link-Up America Program which connects subscribers to the network has added 1.3 million new connections since 1987 and Carriers have seen revenue increase from new subscribers. The benefits of these programs have exceeded costs and state courts have called telephone service essential. To date, 48 states, the District of Columbia, Puerto Rico and the Virgin Islands, participate in the optional telephone assistance programs.

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
Century Telco	X		5/11/92
Union Telco	X		5/11/92
Yelcot Telco	X		5/11/92
Central Coop	X		5/11/92
GTE Arkansas	X		5/18/92
GTE Southwest	X		5/18/92
GTE Systems Arkansas	X		5/18/92
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
	X		2/25/91

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
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
Illinois **			
Commerce Commission		X	9/18/89
	X		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	12/24/87
Louisiana			
Public Service Commission		X	10/25/88
Maine			
Public Utilities Commission	X	X	8/11/87
Maryland			
Public Service Commission	X		5/22/86
		X	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

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
Mississippi			
Public Service Commission		X	4/27/88
(South Central Bell)	X		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
Contel	X		3/12/91
GTE North Inc	X		3/26/91
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	9/07/88
Churchill County Telephone		X	8/17/90
New Hampshire			
Public Utilities Commission		X	11/03/88
New Jersey			
Board of Public Utilities		X	11/13/87
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
GTE Southwest		X	2/19/91
New York			
Public Service Commission		X	3/14/88
Rochester Telephone Corp.	X		8/11/87
Public 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

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
North Dakota			
Public Service Commission		X	12/24/87
Public Service Commission	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
Oregon			
Public Utilities Commission	X		5/22/86
Public Utilities Commission	X	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	3/25/88
Tennessee			
Public Service Commission		X	11/03/88
Public Service Commission	X		1/08/92
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
Southwestern Bell Telephone Company	X		5/13/91
Public Utilities Commission	X	X	7/29/91

STATE AND/OR LEC	LIFELINE	LINK-UP	DATE OF APPROVAL
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
U.S. Virgin Islands			
Public Service Commission	X	X	11/05/91
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
Public Service Commission		X	9/11/87
Wisconsin			
Wisconsin Bell		X	7/14/89
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
Public Service Commission	X		5/21/91

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 Illinois Commerce Commission, in response to a class action suit against the states' lifeline program delayed the implementation of both lifeline and Link-Up.

TABLE 2.2

Link-Up America

(Lifeline Connection Assistance and Deferred Payments)
January 1, 1991 through June 30, 1991

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
ALABAMA	\$25,784	1,202	11	30
ALASKA	\$0	0	0	25
ARIZONA	\$4,233	182	1	11
ARKANSAS	\$62,419	3,200	14	28
CALIFORNIA	\$0	0	0	22
COLORADO	\$26,290	992	1	27
CONNECTICUT	\$52,375	2,775	1	2
DELAWARE	\$0	0	0	1
DISTRICT OF COL	\$3,556	231	1	1
FLORIDA	\$36,673	1,940	6	13
GEORGIA	\$35,314	1,724	3	36
HAWAII	\$6,955	607	1	1
IDAHO	\$3,123	192	5	20
ILLINOIS	\$320,318	12,581	16	56
INDIANA	\$21,669	891	7	42
IOWA	\$52,303	2,909	30	153
KANSAS	\$5,824	273	6	40
KENTUCKY	\$92,488	4,289	17	19
LOUISIANA	\$308,900	11,211	10	20
MAINE	\$117,684	5,264	12	19
MARYLAND	\$36,571	1,521	1	2
MASSACHUSETTS	\$41,962	2,413	1	3
MICHIGAN	\$345,689	16,688	19	38
MINNESOTA	\$5,501	346	10	91
MISSISSIPPI	\$14,221	752	2	19
MISSOURI	\$8,162	445	11	44
MONTANA	\$12,778	580	4	17
NEBRASKA	\$5,811	357	5	42
NEVADA	\$4,306	229	5	13
NEW HAMPSHIRE	\$9,753	459	2	12
NEW JERSEY	\$6,053	291	2	3
NEW MEXICO	\$50,511	1,994	4	14
NEW YORK	\$2,782,262	113,198	21	45
NORTH CAROLINA	\$17,633	1,411	13	28
NORTH DAKOTA	\$2,940	178	7	25

Link-Up America

(Lifeline Connection Assistance and Deferred Payments)

January 1, 1991 through June 30, 1991

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
OHIO	\$132,912	7,331	13	44
OKLAHOMA	\$20,129	908	7	39
OREGON	\$12,721	1,830	17	34
PENNSYLVANIA	\$837,659	41,867	19	39
PUERTO RICO	\$34,814	2,141	1	2
RHODE ISLAND	\$7,129	502	1	1
SOUTH CAROLINA	\$19,012	1,208	14	28
SOUTH DAKOTA	\$3,344	191	1	31
TENNESSEE	\$33,108	2,900	16	25
TEXAS	\$280,798	14,638	11	56
UTAH	\$1,651	93	1	13
VERMONT	\$15,605	952	4	9
VIRGIN ISLANDS	\$0	0	0	1
VIRGINIA	\$109,904	6,053	15	21
WASHINGTON	\$239,581	15,457	10	23
WEST VIRGINIA	\$4,961	247	4	10
WISCONSIN	\$282,688	20,283	2	95
WYOMING	\$869	44	2	11
Subset 1 Total:	\$6,025,180	276,110	48	51
Subset 2 Total:	\$503,982	30,371	166	334
Subset 3 Total:	\$27,784	1,489	173	1,059
National Total:	\$6,556,946	307,970	387	1,444

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, 1991.

TABLE 2.3

Lifeline Assistance

(End User Subscriber Line Charge Waiver)
January 1, 1991 through June 30, 1991

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	\$67,206	6,433	6	11
ARKANSAS	\$147,887	7,057	1	28
CALIFORNIA	\$17,242,636	1,642,198	22	22
COLORADO	\$375,834	17,912	3	27
CONNECTICUT	\$0	0	0	2
DELAWARE	\$0	0	0	1
DISTRICT OF COL	\$47,684	2,883	1	1
FLORIDA	\$0	0	0	13
GEORGIA	\$128,784	6,133	1	36
HAWAII	\$91,196	5,629	1	1
IDAHO	\$192,918	9,175	18	20
ILLINOIS	\$414,545	24,384	29	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	\$1,052,066	49,017	19	19
MARYLAND	\$107,679	5,128	1	2
MASSACHUSETTS	\$2,362,568	100,963	1	3
MICHIGAN	\$1,010,902	84,253	33	38
MINNESOTA	\$1,214,590	57,812	91	91
MISSISSIPPI	\$4,046	674	1	19
MISSOURI	\$303,891	14,467	4	44
MONTANA	\$115,368	5,493	7	17
NEBRASKA	\$0	0	0	42
NEVADA	\$61,922	5,667	4	13
NEW HAMPSHIRE	\$0	0	0	12
NEW JERSEY	\$0	0	0	3
NEW MEXICO	\$296,642	14,149	3	14
NEW YORK	\$7,602,005	372,613	41	45
NORTH CAROLINA	\$318,228	15,359	28	28
NORTH DAKOTA	\$216,069	10,406	3	25

Lifeline Assistance

(End User Subscriber Line Charge Waiver)
January 1, 1991 through June 30, 1991

State	Reimbursement to Local Companies	Subscribers Receiving Assistance	Participating Study Areas	Total Study Areas
OHIO	\$352,211	16,805	9	44
OKLAHOMA	\$0	0	0	39
OREGON	\$463,831	22,289	31	34
PENNSYLVANIA	\$0	0	0	39
PUERTO RICO	\$0	0	0	2
RHODE ISLAND	\$461,140	20,469	1	1
SOUTH CAROLINA	\$0	0	0	28
SOUTH DAKOTA	\$104,283	4,983	1	31
TENNESSEE	\$0	0	0	25
TEXAS	\$714,792	34,389	44	56
UTAH	\$432,909	20,676	2	13
VERMONT	\$424,877	20,235	9	9
VIRGIN ISLANDS	\$0	0	0	1
VIRGINIA	\$339,266	16,305	18	21
WASHINGTON	\$1,106,977	66,122	23	23
WEST VIRGINIA	\$110,004	5,328	6	10
WISCONSIN	\$476	9	2	95
WYOMING	\$0	0	0	11
Subset 1 Total:	\$31,914,998	2,214,395	34	51
Subset 2 Total:	\$5,500,026	443,524	129	334
Subset 3 Total:	\$470,408	27,496	301	1,059
National Total:	\$37,885,432	2,685,420	464	1,444

- 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, 1991.

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	LIHEAP Eligible Over age 65 (Flat rate \$1.00); Head of Household (\$3.00 measured + 6.5 cents over 120 calls)	D.C. Energy Office

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
Florida	Public Service Commission	Recipient of: Food Stamps or Medicaid	Dep't. of Health & Rehabilitative Services
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	Recipient of:	Medicaid or Food

STATE	Service Commission ENTITY	SSI, AFDC, or Food Stamps ELIGIBILITY CRITERIA	Stamp card INCOME VERIFICATION
Maine	Public Utilities Commission	Recipient of: SSI, AFDC, HEAP, Medicaid, or Food Stamps	Dep't. of Human Services
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	Public Service Commission	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

STATE	ENTITY	ELIGIBILITY CRITERIA	INCOME VERIFICATION
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
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	Public Service Commission	Recipient of: SSI, AFDC, Food Stamps, Medicaid, or Home Relief	Administering Agency

STATE	Utilities Commission ENTITY	Recipient of: SSI or AFDC ELIGIBILITY CRITERIA	Dep't. of Human Resources INCOME VERIFICATION
North Carolina	Utilities Commission	Recipient of: SSI or AFDC	Dep't. of Human Resources
North Dakota	Public Service Commission	Eligible for: Food Stamps, Fuel Assist., AFDC, Medical Assist.	County Social Service Board
Ohio	Public Utilities Commission	Recipient of: HEAP, E-Heap, Ohio Energy Credits Program, SSI, AFDC and Medicaid	Local Exchange Companies
Oklahoma	Corporate Commission	Recipient of aid from state low income programs	Dep't. of Human Services
Oregon	Public Utilities Commission	Eligible for: Food Stamps and assistance programs 135% of poverty	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 Utilities 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

STATE	ENTITY	ELIGIBILITY	INCOME VERIFICATION
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
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 GTE	Recipient of: AFDC, SSI, Food Stamps, Title 19	Dep't. of Health and Social Services

Wisconsin	Wisconsin Bell GTE	Recipient of: AFDC, SSI, Food Stamps, Title 19 Medical and Energy Programs	Dep't. of Health and Social Services
Wyoming	Public Service Commission United US West	Recipient of: SSI, AFDC, LIEAP, or Food Stamps	Dep't. of Health & Social Services

TABLE 2.5

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
AL	30	Study Area Total	\$0	\$0	\$0
AK	25	Study Area Total	\$0	\$0	\$0
AZ	452171	ARIZONA TELEPHONE CO	\$30	\$25	\$55
AZ	452172	CITIZENS UTILITIES	\$1,642	\$1,596	\$3,238
AZ	452175	UNIVERSAL TEL OF SW	\$11	\$14	\$25
AZ	452177	CON. WEST DBA GTE AZ	\$2,875	\$2,766	\$5,641
AZ	452275	NAVAJO COMMUN-AZ	\$0	\$8	\$8
AZ	452302	CONTEL CALIF - AZ	\$389	\$378	\$767
AZ	455101	MOUNTAIN BELL - AZ	\$62,259	\$55,411	\$117,670
AZ	11	Study Area Total	\$67,206	\$60,198	\$127,404
AR	405211	SOUTHWESTERN BELL-AR	\$147,887	\$153,200	\$301,087
AR	28	Study Area Total	\$147,887	\$153,200	\$301,087
CA	542301	CALAVERAS TEL CO	\$1,853	\$1,852	\$3,705
CA	542302	CONTEL OF CALIFORNIA	\$403,493	\$426,235	\$829,728
CA	542304	C P NATIONAL CORP-CA	\$29,914	\$32,567	\$62,481
CA	542308	CITIZENS UTIL OF CA	\$96,856	\$98,819	\$195,675
CA	542311	CALIF-OREGON TEL CO	\$6,019	\$6,199	\$12,218
CA	542313	DUCOR TELEPHONE CO	\$1,856	\$2,014	\$3,870
CA	542315	EVANS TEL CO.	\$15,556	\$15,453	\$31,009
CA	542318	FORESTHILL TEL CO.	\$1,717	\$1,357	\$3,074
CA	542319	GTC OF CALIFORNIA	\$2,757,198	\$3,135,139	\$5,892,337
CA	542321	HAPPY VALLEY TEL CO	\$5,180	\$4,396	\$9,576
CA	542322	HORNITOS TEL CO	\$888	\$599	\$1,487
CA	542323	WINTERHAVEN TEL. CO.	\$3,692	\$3,629	\$7,321
CA	542324	KERMAN TELEPHONE CO	\$16,696	\$16,150	\$32,846
CA	542332	THE PONDEROSA TEL CO	\$8,106	\$8,167	\$16,273
CA	542334	ROSEVILLE TEL CO	\$50,183	\$52,761	\$102,944
CA	542338	SIERRA TELEPHONE CO	\$31,001	\$32,101	\$63,102
CA	542339	THE SISKIYOU TEL CO	\$7,218	\$7,482	\$14,700
CA	542342	TUOLUMNE TEL CO	\$13,679	\$12,428	\$26,107
CA	542343	THE VOLCANO TEL CO	\$4,696	\$4,415	\$9,111
CA	542344	WEST COAST TEL OF CA	\$14,106	\$15,278	\$29,384
CA	542346	PINNACLES TEL CO	\$100	\$96	\$196
CA	545170	PACIFIC BELL	\$13,772,629	\$14,948,287	\$28,720,916
CA	22	Study Area Total	\$17,242,636	\$18,825,424	\$36,068,060

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
CO	462181	BLJOU TEL COOP ASSOC	\$0	\$86	\$86
CO	462182	BLANCA TEL CO	\$0	\$99	\$99
CO	462185	EAGLE TELECOMMUN INC	\$120	\$432	\$552
CO	462187	EL PASO COUNTY TEL	\$0	\$280	\$280
CO	462192	BIG SANDY TELCOMM	\$0	\$99	\$99
CO	462196	PRETZ COOP TEL CO	\$0	\$4	\$4
CO	462197	PHILLIPS COUNTY TEL	\$0	\$46	\$46
CO	462199	PLAINS COOP TEL ASSN	\$0	\$96	\$96
CO	462203	RYE TELEPHONE CO	\$70	\$225	\$295
CO	465102	MOUNTAIN BELL-CO	\$375,644	\$373,457	\$749,101
CO	27	Study Area Total	\$375,834	\$374,824	\$750,658
CT	2	Study Area Total	\$0	\$0	\$0
DE	1	Study Area Total	\$0	\$0	\$0
DC	575020	C & P TEL CO OF WASH	\$47,684	\$42,816	\$90,500
DC	1	Study Area Total	\$47,684	\$42,816	\$90,500
FL	13	Study Area Total	\$0	\$0	\$0
GA	225192	SOUTHERN BELL-GA	\$128,784	\$665,304	\$794,088
GA	36	Study Area Total	\$128,784	\$665,304	\$794,088
HI	623100	GTE HAWAIIAN TEL. CO	\$91,196	\$95,294	\$186,490
HI	1	Study Area Total	\$91,196	\$95,294	\$186,490
ID	472177	CON. WEST DBA GTE ID	\$10,775	\$10,441	\$21,216
ID	472213	ALBION TEL CO INC	\$318	\$318	\$636
ID	472215	CAMBRIDGE TEL CO	\$408	\$403	\$811
ID	472218	CUSTER TEL COOP	\$546	\$529	\$1,075
ID	472220	FILER MUTUAL TEL -ID	\$756	\$990	\$1,746
ID	472221	FARMERS MUTUAL TEL	\$1,286	\$1,105	\$2,391
ID	472223	GEM STATE UTIL-ID	\$708	\$586	\$1,294
ID	472225	CENTURY TEL OF IDAHO	\$1,658	\$1,538	\$3,196

LIFELINE END USER CHARGES WAIVED

<--- Latest View as of 9204 --->

ST	SA Code	SA Name	Actual		Total
			Jan 91 - Jun 91	Jul 91 - Dec 91	
ID	472226	MIDVALE TEL EXCH INC	\$240	\$204	\$444
ID	472227	MUD LAKE TEL COOP	\$318	\$310	\$628
ID	472230	POTLATCH TEL CO INC	\$849	\$854	\$1,703
ID	472231	PROJECT MUTUAL TEL	\$3,807	\$4,065	\$7,872
ID	472232	ROCKLAND TEL CO INC	\$169	\$192	\$361
ID	472233	RURAL TEL CO - ID	\$0	\$385	\$385
ID	472234	TROY TELEPHONE CO	\$168	\$168	\$336
ID	472295	SILVER STAR TEL- ID	\$161	\$148	\$309
ID	472416	GTE NORTHWEST INC-ID	\$39,654	\$32,867	\$72,521
ID	475103	MOUNTAIN BELL-ID	\$118,547	\$118,545	\$237,092
ID	475162	PACIFIC NW BELL-ID	\$12,550	\$13,015	\$25,565
ID	20	Study Area Total	\$192,918	\$186,663	\$379,581
IL	340976	ADAMS TEL COOP	\$33	\$0	\$33
IL	340984	CASS COUNTY TEL CO	\$183	\$0	\$183
IL	340985	CENTEL OF ILLINOIS	\$18,375	\$0	\$18,375
IL	340993	CROSSVILLE TEL CO	\$98	\$0	\$98
IL	340998	DEPUE TEL CO	\$46	\$0	\$46
IL	341000	ALLTEL ILLINOIS INC.	\$88	\$0	\$88
IL	341003	EGYPTIAN COOP ASSN	\$56	\$0	\$56
IL	341015	GTE NORTH INC. - IL	\$72,043	\$0	\$72,043
IL	341023	GRIDLEY TEL CO	\$41	\$0	\$41
IL	341024	HAMILTON COUNTY COOP	\$91	\$0	\$91
IL	341025	SHAWNEE TELEPHONE CO	\$322	\$0	\$322
IL	341032	HOME TEL CO-ST JACOB	\$34	\$0	\$34
IL	341036	CONTEL IL DBA GTE IL	\$7,550	\$0	\$7,550
IL	341037	IL CONSOLIDATED TEL	\$3,443	\$0	\$3,443
IL	341047	MCDONOUGH TEL COOP	\$42	\$0	\$42
IL	341048	MCNABB TEL CO	\$14	\$0	\$14
IL	341049	MADISON TEL CO	\$29	\$0	\$29
IL	341050	MARSEILLES TEL CO	\$206	\$0	\$206
IL	341053	METAMORA TEL CO	\$154	\$0	\$154
IL	341058	MONTROSE MUTUAL TEL	\$17	\$0	\$17
IL	341060	MOULTRIE INDEPENDENT	\$28	\$0	\$28
IL	341062	NEW WINDSOR TEL CO	\$21	\$0	\$21
IL	341065	ODIN TEL EXCH INC	\$56	\$0	\$56
IL	341066	ONEIDA TEL EXCHANGE	\$21	\$0	\$21
IL	341067	ORION TEL EXCH ASSN	\$28	\$0	\$28
IL	341086	TONICA TEL CO	\$20	\$0	\$20
IL	341087	VIOLA HOME TEL CO	\$27	\$0	\$27
IL	341088	WABASH TEL COOP, INC	\$385	\$0	\$385

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
IL	345070	ILLINOIS BELL TEL CO	\$311,094	\$0	\$311,094
IL	56	Study Area Total	\$414,545	\$0	\$414,545
IN	42	Study Area Total	\$0	\$0	\$0
IA	153	Study Area Total	\$0	\$0	\$0
KS	40	Study Area Total	\$0	\$0	\$0
KY	19	Study Area Total	\$0	\$0	\$0
LA	20	Study Area Total	\$0	\$0	\$0
ME	100002	BRYANT POND TEL CO	\$753	\$718	\$1,471
ME	100003	LINCOLNVILLE TEL CO	\$970	\$1,027	\$1,997
ME	100004	CHINA TEL CORP	\$2,676	\$2,476	\$5,152
ME	100005	COBOSSEECONTEE TEL	\$603	\$474	\$1,077
ME	100007	ISLAND TEL CO	\$108	\$112	\$220
ME	100010	HAMPDEN TEL CO	\$2,038	\$2,378	\$4,416
ME	100011	HARTLAND & ST ALBANS	\$7,309	\$7,489	\$14,798
ME	100014	CONTEL-ME DBA GTE-ME	\$77,159	\$101,123	\$178,282
ME	100015	COMMUNITY SERVICE	\$10,606	\$11,251	\$21,857
ME	100019	OXFORD COUNTY TEL	\$8,918	\$9,027	\$17,945
ME	100020	PINE TREE TEL & TEL	\$3,301	\$3,722	\$7,023
ME	100022	SACO RIVER TEL & TEL	\$6,085	\$6,368	\$12,453
ME	100024	SOMERSET TEL CO	\$15,856	\$16,920	\$32,776
ME	100025	STANDISH TEL CO	\$6,448	\$7,054	\$13,502
ME	100027	UNION RIVER TEL CO	\$1,719	\$995	\$2,714
ME	100029	UNITY TEL CO., INC.	\$6,523	\$7,205	\$13,728
ME	100031	WARREN TEL CO	\$2,279	\$2,435	\$4,714
ME	100034	WEST PENOBSCOT TEL	\$4,579	\$4,615	\$9,194
ME	105111	NEW ENGLAND TEL-ME	\$894,136	\$927,932	\$1,822,068
ME	19	Study Area Total	\$1,052,066	\$1,113,321	\$2,165,387
MD	185030	C & P TEL CO OF MD	\$107,679	\$109,268	\$216,947
MD	2	Study Area Total	\$107,679	\$109,268	\$216,947

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MA	115112	NEW ENGLAND TEL-MA	\$2,362,568	\$2,764,229	\$5,126,797
MA	3	Study Area Total	\$2,362,568	\$2,764,229	\$5,126,797
MI	310669	ALLENDALE TEL CO	\$296	\$349	\$645
MI	310671	CENTURY TEL. MIDWEST	\$2,076	\$2,812	\$4,888
MI	310672	COMM CORP OF MI	\$178	\$384	\$562
MI	310675	BARAGA TEL CO	\$2,470	\$2,608	\$5,078
MI	310676	BARRY COUNTY TEL CO	\$642	\$690	\$1,332
MI	310677	ISLAND TEL CO	\$12	\$54	\$66
MI	310679	BLOOMINGDALE TEL CO	\$142	\$183	\$325
MI	310682	C, C & S TELCO - MI	\$2,205	\$2,125	\$4,330
MI	310683	CARR TEL CO	\$291	\$307	\$598
MI	310685	CHATHAM TEL CO - MI	\$498	\$932	\$1,430
MI	310688	CLIMAX TEL CO	\$106	\$104	\$210
MI	310691	DEERFIELD FARMERS	\$386	\$350	\$736
MI	310692	DRENIHE TEL CO	\$18	\$12	\$30
MI	310695	GTE NORTH INC. - MI	\$97,866	\$119,572	\$217,438
MI	310702	CENTURY OF MICHIGAN	\$5,322	\$7,798	\$13,120
MI	310703	KALEVA TEL CO	\$628	\$681	\$1,309
MI	310704	ACE TEL OF MICHIGAN	\$2,132	\$2,758	\$4,890
MI	310705	KINGSLEY TEL CO	\$493	\$592	\$1,085
MI	310708	LENNON TEL CO	\$58	\$141	\$199
MI	310711	MIDWAY TEL CO	\$264	\$356	\$620
MI	310713	HIAWATHA TEL CO	\$1,397	\$1,457	\$2,854
MI	310714	OGDEN TEL CO	\$118	\$126	\$244
MI	310717	ONTONAGON COUNTY TEL	\$1,864	\$2,035	\$3,899
MI	310721	PIGEON TEL CO	\$388	\$524	\$912
MI	310725	SAND CREEK TEL CO	\$230	\$207	\$437
MI	310726	SHIAWASSEE TEL CO	\$588	\$818	\$1,406
MI	310728	SPRINGPORT TEL CO	\$256	\$340	\$596
MI	310732	UPPER PENINSULA TEL	\$389	\$948	\$1,337
MI	310734	WALDRON TEL CO	\$417	\$303	\$720
MI	310735	WESTPHALIA TEL CO	\$86	\$115	\$201
MI	310737	WINN TEL CO	\$201	\$261	\$462
MI	310738	WOLVERINE TEL CO	\$768	\$1,292	\$2,060
MI	315090	MICHIGAN BELL TEL CO	\$888,117	\$1,001,437	\$1,889,554
MI	38	Study Area Total	\$1,010,902	\$1,152,671	\$2,163,573
MN	361140	CONTEL MN DBA GTE MN	\$93,094	\$96,187	\$189,281
MN	361186	GTE NORTH INC. - MN	\$2,686	\$2,836	\$5,522

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MN	361337	WINNEBAGO COOP ASSN	\$346	\$348	\$694
MN	361346	ACE TEL ASSN-MN	\$6,539	\$6,858	\$13,397
MN	361347	ALBANY MUTUAL ASSN	\$2,007	\$2,035	\$4,042
MN	361350	ARVIG TEL CO	\$6,904	\$6,131	\$13,035
MN	361353	CITY OF BARNESVILLE	\$1,430	\$1,342	\$2,772
MN	361356	BENTON COOP TEL CO	\$1,538	\$1,558	\$3,096
MN	361357	BLACKDUCK TEL CO	\$1,530	\$1,440	\$2,970
MN	361358	BLUE EARTH VALLEY	\$1,504	\$1,526	\$3,030
MN	361362	BRIDGEWATER TEL CO	\$2,659	\$2,650	\$5,309
MN	361365	CALLAWAY TEL CO	\$207	\$150	\$357
MN	361367	VISTA TEL. CO. OF MN	\$34,677	\$37,999	\$72,676
MN	361370	CLARA CITY TEL EXCH	\$318	\$318	\$636
MN	361372	CLEMENS TEL CO	\$49	\$41	\$90
MN	361373	CONSOLIDATED TEL CO	\$3,605	\$3,558	\$7,163
MN	361374	ARROWHEAD COMM CORP	\$562	\$502	\$1,064
MN	361375	MID-COMMUNICATIONS	\$3,157	\$3,731	\$6,888
MN	361377	DANUBE TEL CO	\$49	\$28	\$77
MN	361379	DEER RIVER TEL CO	\$1,433	\$1,334	\$2,767
MN	361380	DEHAVAN TEL CO	\$194	\$136	\$330
MN	361381	DUNNELL TEL CO	\$42	\$22	\$64
MN	361383	EAGLE VALLEY TEL CO	\$1,902	\$1,682	\$3,584
MN	361384	EASTON TEL CO	\$42	\$24	\$66
MN	361385	EAST OTTER TAIL TEL	\$9,849	\$9,979	\$19,828
MN	361386	ECKLES TEL CO	\$297	\$310	\$607
MN	361387	EMILY COOP TEL CO	\$592	\$538	\$1,130
MN	361389	FARMERS MUTUAL TEL	\$789	\$642	\$1,431
MN	361390	FEDERATED TEL COOP	\$1,437	\$1,194	\$2,631
MN	361391	FELTON TEL CO. INC.	\$485	\$492	\$977
MN	361395	GARDEN VALLEY TEL CO	\$21,950	\$21,515	\$43,465
MN	361396	GARDONVILLE COOP TEL	\$1,566	\$1,314	\$2,880
MN	361399	GRANADA TEL CO	\$163	\$120	\$283
MN	361401	HALSTAD TEL CO	\$1,731	\$1,538	\$3,269
MN	361403	HANCOCK TEL CO - MN	\$441	\$404	\$845
MN	361404	HARMONY TEL CO	\$992	\$957	\$1,949
MN	361405	HILLS TEL CO, INC	\$165	\$129	\$294
MN	361407	LORETEL SYS. SO. INC	\$4,581	\$4,488	\$9,069
MN	361408	HOME TEL CO - MN	\$1,205	\$881	\$2,086
MN	361409	HUTCHINSON TEL CO	\$2,113	\$1,969	\$4,082
MN	361410	JOHNSON TEL CO	\$2,461	\$2,360	\$4,821
MN	361412	KASSON & MANIORVILLE	\$914	\$1,002	\$1,916
MN	361413	K M P TEL CO	\$1,262	\$1,414	\$2,676
MN	361414	LAKEDALE TEL CO	\$6,391	\$5,889	\$12,280

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MN	361419	LISMORE COOP TEL CO	\$207	\$255	\$462
MN	361422	LONSDALE TEL CO	\$898	\$888	\$1,786
MN	361423	LOWRY TEL CO	\$1,554	\$1,519	\$3,073
MN	361424	MABEL COOP TEL - MN	\$661	\$738	\$1,399
MN	361425	MADELIA TEL CO	\$1,526	\$1,500	\$3,026
MN	361426	MANCHESTER-HARTLAND	\$248	\$300	\$548
MN	361427	MANKATO CITIZENS TEL	\$5,170	\$6,004	\$11,174
MN	361430	MELROSE TEL CO	\$13,405	\$12,830	\$26,235
MN	361431	MIDWEST TEL CO	\$3,298	\$3,003	\$6,301
MN	361433	MID STATE TEL CO	\$5,503	\$4,970	\$10,473
MN	361437	MINNESOTA LAKE TEL	\$462	\$501	\$963
MN	361439	MINNESOTA VALLEY TEL	\$1,287	\$1,252	\$2,539
MN	361440	CANNON VLY TELECOM	\$505	\$501	\$1,006
MN	361442	NEW ULM TELECOM, INC	\$6,706	\$6,416	\$13,122
MN	361443	LORETEL SYSTEMS, INC	\$3,102	\$3,102	\$6,204
MN	361445	NORTHLAND DBA PTI	\$715	\$641	\$1,356
MN	361448	OSAKIS TEL CO	\$1,640	\$1,545	\$3,185
MN	361450	PARK REGION MUTUAL	\$1,964	\$2,132	\$4,096
MN	361451	PAUL BUNYAN RURAL	\$3,274	\$3,314	\$6,588
MN	361453	PEOPLES TEL CO - MN	\$4,545	\$4,526	\$9,071
MN	361454	PINE ISLAND TEL CO	\$1,475	\$1,522	\$2,997
MN	361456	UTC OF MINNESOTA	\$40,678	\$38,635	\$79,313
MN	361472	REDWOOD COUNPY TEL	\$3,850	\$3,623	\$7,473
MN	361473	ROCK DELL TEL CO	\$66	\$66	\$132
MN	361474	ROTHSAY TEL CO, INC	\$232	\$177	\$409
MN	361475	RUNESTONE TEL ASSN	\$3,267	\$3,297	\$6,564
MN	361476	SACRED HEART TEL CO	\$288	\$356	\$644
MN	361479	SCOTT RICE TEL CO	\$1,733	\$1,653	\$3,386
MN	361482	SHERBURNE CTY RURAL	\$1,654	\$1,760	\$3,414
MN	361483	SLEEPY EYE TEL CO	\$3,120	\$3,120	\$6,240
MN	361485	SPRING GROVE COOP	\$285	\$261	\$546
MN	361487	STARBUCK TEL CO	\$1,667	\$1,780	\$3,447
MN	361491	TWIN VALLEY-ULEN TEL	\$3,771	\$3,707	\$7,478
MN	361494	UPSALA COOP TEL ASSN	\$1,721	\$1,765	\$3,486
MN	361495	VALLEY TEL CO - MN	\$963	\$911	\$1,874
MN	361499	CROSSLAKE TEL CO	\$219	\$210	\$429
MN	361500	NORTHERN TEL CO - MN	\$42	\$42	\$84
MN	361501	WEST CENTRAL TEL	\$5,524	\$5,550	\$11,074
MN	361502	WESTERN TEL CO	\$2,143	\$2,067	\$4,210
MN	361505	WIKSTROM TEL CO, INC	\$9,701	\$9,603	\$19,304
MN	361507	WINSTED TEL CO	\$84	\$84	\$168
MN	361508	WINIHROP TEL CO	\$1,113	\$1,045	\$2,158

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MN	361510	WOODSTOCK TEL CO	\$840	\$767	\$1,607
MN	361512	WOLVERTON TEL CO	\$54	\$66	\$120
MN	361515	ZUMEROTA TEL CO	\$713	\$790	\$1,503
MN	361654	INTERSTATE TELECOMM.	\$1,459	\$1,229	\$2,688
MN	365142	NORTHWESTERN BELL-MN	\$845,400	\$836,914	\$1,682,314
MN	91	Study Area Total	\$1,214,590	\$1,206,508	\$2,421,098
MS	285184	SO CENTRAL BELL-MS	\$4,046	\$12,916	\$16,962
MS	18	Study Area Total	\$4,046	\$12,916	\$16,962
MO	421186	GTE NORTH INC. - MO	\$2,612	\$16,376	\$18,988
MO	421789	KS ST DBA GTE E. MO	\$0	\$2,416	\$2,416
MO	421846	CONT MO DBA GTE MO	\$260	\$8,274	\$8,534
MO	421922	CONTEL MO DBA GTE MO	\$4	\$24,138	\$24,142
MO	425213	SOUTHWESTERN BELL-MO	\$301,015	\$293,007	\$594,022
MO	44	Study Area Total	\$303,891	\$344,211	\$648,102
MT	482235	BLACKFOOT TEL COOP	\$1,182	\$1,279	\$2,461
MT	482244	LINCOLN TEL CO INC	\$66	\$72	\$138
MT	482246	MID-RIVERS TEL COOP	\$736	\$739	\$1,475
MT	482247	NEMONT TEL COOP-MT	\$42	\$42	\$84
MT	482250	PROJECT TEL CO	\$48	\$58	\$106
MT	482416	GTE NORTHWEST INC-MT	\$1,864	\$1,804	\$3,668
MT	485104	MOUNTAIN BELL-MT	\$111,430	\$109,523	\$220,953
MT	17	Study Area Total	\$115,368	\$113,517	\$228,885
NE	42	Study Area Total	\$0	\$0	\$0
NV	552302	CONTEL OF CALIF-NV	\$538	\$792	\$1,330
NV	552348	CENTEL OF NV	\$25,961	\$33,600	\$59,561
NV	552349	CHURCHILL COUNTY TEL	\$423	\$787	\$1,210
NV	555173	NEVADA BELL	\$35,000	\$38,862	\$73,862
NV	13	Study Area Total	\$61,922	\$74,041	\$135,963
NH	12	Study Area Total	\$0	\$0	\$0

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
NJ	3	Study Area Total	\$0	\$0	\$0
NM	492177	CON. WEST DBA GTE NM	\$25,947	\$37,937	\$63,884
NM	492268	WESTERN NEW MEXICO	\$2,567	\$2,921	\$5,488
NM	495105	MOUNTAIN BELL-NM	\$268,128	\$277,950	\$546,078
NM	14	Study Area Total	\$296,642	\$318,808	\$615,450
NY	150071	ARMSTRONG TEL CO-NY	\$2,964	\$2,379	\$5,343
NY	150072	AU SABLE VALLEY TEL	\$2,479	\$2,753	\$5,232
NY	150073	BERKSHIRE TEL CORP	\$436	\$441	\$877
NY	150076	CASSADAGA TEL CORP	\$71	\$70	\$141
NY	150078	CHAUTAUQUA & ERIE	\$798	\$871	\$1,669
NY	150079	CHAZY & WESTPORT	\$616	\$661	\$1,277
NY	150081	CITIZENS HAMMOND NY	\$424	\$400	\$824
NY	150082	CLYMER TEL CO	\$96	\$0	\$96
NY	150084	TACONIC TEL CORP	\$4,287	\$4,425	\$8,712
NY	150085	CROWN POINT TEL CORP	\$268	\$334	\$602
NY	150088	DELHI TEL CO	\$418	\$380	\$798
NY	150089	DEPOSIT TEL CO	\$6,235	\$6,262	\$12,497
NY	150091	DUNKIRK & FREDONIA	\$0	\$72	\$72
NY	150092	EDWARDS TEL CO	\$857	\$720	\$1,577
NY	150093	EMPIRE TEL CORP	\$2,113	\$2,339	\$4,452
NY	150096	CONTEL NY DBA GTE NY	\$60,366	\$63,451	\$123,817
NY	150097	GERMANTOWN TEL CO	\$384	\$405	\$789
NY	150099	HANCOCK TEL CO	\$296	\$310	\$606
NY	150100	HIGHLAND TEL CO	\$5,389	\$5,992	\$11,381
NY	150105	MIDDLEBURGH TEL CO	\$747	\$787	\$1,534
NY	150106	ALLTEL NY-FULTON	\$11,028	\$11,809	\$22,837
NY	150107	NEWPORT TEL CO	\$1,018	\$1,080	\$2,098
NY	150108	NICHOLVILLE TEL CO	\$312	\$422	\$734
NY	150109	ALLTEL NY-JAMESTOWN	\$9,960	\$10,566	\$20,526
NY	150110	OGDEN TEL CO	\$1,152	\$1,069	\$2,221
NY	150111	ONEIDA COUNTY RURAL	\$817	\$813	\$1,630
NY	150112	ONTARIO TEL CO	\$675	\$651	\$1,326
NY	150113	ALLTEL NY-RED JACKET	\$576	\$590	\$1,166
NY	150114	ORISKANY FALLS TEL	\$231	\$243	\$474
NY	150116	PATTERSONVILLE TEL	\$304	\$302	\$606
NY	150118	PORT BYRON TEL CO	\$1,412	\$1,500	\$2,912
NY	150119	RED HOOK TEL CO	\$1,085	\$1,045	\$2,130
NY	150121	ROCHESTER TEL CORP	\$145,312	\$160,007	\$305,319

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
NY	150122	SENECA-GORHAM TEL	\$826	\$858	\$1,684
NY	150125	STATE TEL CO	\$3,025	\$2,930	\$5,955
NY	150128	SYLVAN LAKE TEL CO	\$632	\$680	\$1,312
NY	150129	TOWNSHIP TEL CO	\$404	\$368	\$772
NY	150131	TRUMANSBURG HOME TEL	\$963	\$797	\$1,760
NY	150133	VERNON TEL CO	\$678	\$700	\$1,378
NY	150135	WARWICK VALLEY-NY	\$653	\$666	\$1,319
NY	150136	WESTERN COUNTIES TEL	\$4,887	\$5,188	\$10,075
NY	155130	NEW YORK TEL CO	\$7,326,811	\$7,888,327	\$15,215,138

NY	45	Study Area Total	\$7,602,005	\$8,183,663	\$15,785,668
NC	230468	ATLANTIC MEMBERSHIP	\$714	\$609	\$1,323
NC	230469	BARNARDSVILLE TEL CO	\$126	\$137	\$263
NC	230470	CAROLINA TEL & TEL	\$150,311	\$159,758	\$310,069
NC	230471	CENTEL OF NC	\$12,399	\$13,127	\$25,526
NC	230473	CITIZENS TEL CO	\$2,452	\$2,238	\$4,690
NC	230474	CONCORD TEL CO	\$1,739	\$1,553	\$3,292
NC	230476	ALLTEL CAROLINA-NO	\$2,416	\$2,488	\$4,904
NC	230478	ELLERBE TEL CO	\$378	\$396	\$774
NC	230479	GTE SOUTH INC - NC	\$1,062	\$2,342	\$3,404
NC	230481	HEINS TEL CO	\$2,284	\$2,240	\$4,524
NC	230483	LEXINGTON TEL CO	\$1,107	\$1,111	\$2,218
NC	230485	MEBANE HOME TEL CO	\$559	\$610	\$1,169
NC	230491	NORTH STATE TEL CO	\$3,354	\$3,520	\$6,874
NC	230494	PINEVILLE TEL CO	\$21	\$18	\$39
NC	230495	RANDOLPH TEL CO	\$124	\$105	\$229
NC	230496	RANDOLPH MEMBERSHIP	\$58	\$66	\$124
NC	230497	PIEDMONT MEMBERSHIP	\$150	\$150	\$300
NC	230498	SALUDA MOUNTAIN TEL	\$42	\$42	\$84
NC	230499	SANDHILL TEL CO	\$84	\$70	\$154
NC	230500	SERVICE TEL CO	\$404	\$336	\$740
NC	230501	SKYLINE MEMBERSHIP	\$2,493	\$2,659	\$5,152
NC	230502	STAR MEMBERSHIP CORP	\$859	\$885	\$1,744
NC	230503	SURRY MEMBERSHIP	\$1,370	\$1,391	\$2,761
NC	230505	TRI COUNTY TEL MEMBR	\$66	\$66	\$132
NC	230509	CONTEL NC DBA GTE NC	\$18,549	\$18,419	\$36,968
NC	230510	WILKES MEMBERSHIP	\$417	\$519	\$936
NC	230511	YADKIN VALLEY TEL	\$1,496	\$1,520	\$3,016
NC	235193	SOUTHERN BELL-NC	\$113,194	\$112,960	\$226,154

NC	28	Study Area Total	\$318,228	\$329,335	\$647,563

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
ND	381631	RED RIVER RURAL TEL	\$126	\$114	\$240
ND	383303	MINOT TEL CO	\$553	\$14,870	\$15,423
ND	385144	NORTHWESTERN BELL-ND	\$215,390	\$207,249	\$422,639
ND	25	Study Area Total	\$216,069	\$222,233	\$438,302
OH	300586	THE ARTHUR MUTUAL	\$0	\$21	\$21
OH	300588	AYERSVILLE TEL CO	\$0	\$41	\$41
OH	300594	THE CHAMPAIGN TEL CO	\$0	\$1,807	\$1,807
OH	300597	THE CHILLICOTHE TEL	\$0	\$6,480	\$6,480
OH	300604	COLUMBUS GROVE TEL	\$0	\$198	\$198
OH	300611	ELYRIA TEL CO	\$147	\$285	\$432
OH	300615	GTE NORTH INC. - OH	\$185,938	\$45,718	\$231,656
OH	300618	GERMANTOWN INDEPEND	\$0	\$182	\$182
OH	300630	CENTEL OF OHIO	\$252	\$126	\$378
OH	300634	MINFORD TEL CO	\$0	\$246	\$246
OH	300637	ALLTEL OHIO-NEWARK	\$392	\$130	\$522
OH	300649	ORWELL TEL CO	\$0	\$425	\$425
OH	300661	UTC OF OHIO	\$8,164	\$28,987	\$37,151
OH	300662	VANLUE TEL CO	\$0	\$105	\$105
OH	300664	WABASH MUTUAL TEL CO	\$0	\$44	\$44
OH	300665	ALLTEL OHIO INC.	\$541	\$235	\$776
OH	300666	WESTERN RESERVE TEL	\$1,265	\$473	\$1,738
OH	305062	CINCINNATI BELL-OH	\$7,138	\$10,071	\$17,209
OH	305150	OHIO BELL TEL CO	\$148,374	\$196,905	\$345,279
OH	44	Study Area Total	\$352,211	\$292,479	\$644,690
OK	39	Study Area Total	\$0	\$0	\$0
OR	532226	MIDVALE TEL EXCH -OR	\$18	\$24	\$42
OR	532304	C P NATIONAL CORP-OR	\$6,041	\$5,939	\$11,980
OR	532359	BEAVER CREEK COOP	\$302	\$206	\$508
OR	532361	TEL UTIL OF OREGON	\$13,728	\$13,022	\$26,750
OR	532362	CANBY TEL ASSN	\$1,127	\$1,045	\$2,172
OR	532363	CLEAR CREEK MUTUAL	\$190	\$192	\$382
OR	532364	COLTON TEL CO	\$108	\$167	\$275
OR	532369	EAGLE TEL SYSTEMS	\$162	\$142	\$304
OR	532371	CASCADE UTIL INC	\$1,253	\$1,397	\$2,650
OR	532373	GERVALS TELEPHONE CO	\$84	\$96	\$180
OR	532375	RTI/HALSEY TEL CO	\$108	\$108	\$216

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
OR	532376	HELIX TEL CO.	\$42	\$46	\$88
OR	532377	HOME TELEPHONE CO	\$296	\$267	\$563
OR	532378	TRANS-CASCADES TEL	\$24	\$8	\$32
OR	532383	MOLALLA TEL CO.	\$341	\$1,051	\$1,392
OR	532384	MONITOR COOP TEL	\$24	\$24	\$48
OR	532385	MONROE TELEPHONE CO.	\$230	\$198	\$428
OR	532386	MT. ANGEL TEL CO.	\$552	\$573	\$1,125
OR	532387	NEHALEM TEL & TEL	\$156	\$115	\$271
OR	532388	NORTH STATE TEL CO.	\$42	\$42	\$84
OR	532389	OREGON TEL CORP	\$686	\$672	\$1,358
OR	532392	PINE TEL SYSTEM INC.	\$250	\$210	\$460
OR	532393	PIONEER TEL COOP	\$2,150	\$2,229	\$4,379
OR	532396	ST PAUL COOP ASSN	\$84	\$84	\$168
OR	532397	SCIO MUTUAL TEL ASSN	\$372	\$321	\$693
OR	532399	STAYTON COOP TEL CO	\$2,349	\$2,165	\$4,514
OR	532400	UTC OF THE NW - OR	\$15,746	\$14,555	\$30,301
OR	532416	GTE NORTHWEST INC-OR	\$57,383	\$56,351	\$113,734
OR	532449	CONTEL NW DBA GTE-OR	\$4,733	\$4,399	\$9,132
OR	532456	MALHEUR HOME TEL CO	\$4,932	\$4,239	\$9,171
OR	535163	PACIFIC NW BELL-OR	\$350,318	\$370,187	\$720,505
OR	34	Study Area Total	\$463,831	\$480,074	\$943,905
PA	39	Study Area Total	\$0	\$0	\$0
PR	2	Study Area Total	\$0	\$0	\$0
RI	585114	NEW ENGLAND TEL - RI	\$461,140	\$499,073	\$960,213
RI	1	Study Area Total	\$461,140	\$499,073	\$960,213
SC	28	Study Area Total	\$0	\$0	\$0
SD	395145	NORTHWESTERN BELL-SD	\$104,283	\$102,998	\$207,281
SD	31	Study Area Total	\$104,283	\$102,998	\$207,281
TN	25	Study Area Total	\$0	\$0	\$0

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
TX	442038	BLOSSOM TEL CO	\$188	\$189	\$377
TX	442039	BIG BEND TEL CO INC	\$434	\$825	\$1,259
TX	442040	BRAZORIA TEL CO	\$275	\$392	\$667
TX	442041	BRAZOS TEL COOP INC	\$12	\$0	\$12
TX	442043	NORTH TEXAS TEL. CO.	\$80	\$60	\$140
TX	442046	CAP ROCK TEL CO INC	\$523	\$734	\$1,257
TX	442052	CENIRAL TEXAS CO-OP	\$436	\$587	\$1,023
TX	442059	COLORADO VALLEY TEL	\$576	\$760	\$1,336
TX	442060	COMANCHE COUNTY TEL	\$714	\$967	\$1,681
TX	442061	COMMUNITY TEL CO	\$42	\$45	\$87
TX	442065	CUMBY TEL COOP INC	\$181	\$187	\$368
TX	442068	EASTEX TEL COOP INC	\$3,763	\$4,494	\$8,257
TX	442069	ELECTRA TELEPHONE CO	\$220	\$237	\$457
TX	442070	EITEX TEL COOP INC	\$1,756	\$2,169	\$3,925
TX	442071	FIVE AREA TEL CO-OP	\$84	\$109	\$193
TX	442072	FORT BEND TEL CO	\$726	\$603	\$1,329
TX	442076	GANADO TELEPHONE CO	\$126	\$148	\$274
TX	442080	GTE SOUTHWEST INC-TX	\$103,967	\$129,199	\$233,166
TX	442083	GUADALUPE VALLEY TEL	\$43	\$27	\$70
TX	442084	UTC OF TEXAS INC	\$41,425	\$47,941	\$89,366
TX	442086	HILL COUNTRY CO-OP	\$371	\$570	\$941
TX	442090	ALENCO COMMUNICATION	\$0	\$109	\$109
TX	442093	INDUSTRY TEL CO	\$126	\$172	\$298
TX	442097	KERRVILLE TEL CO	\$4,817	\$7,805	\$12,622
TX	442101	LAKE DALLAS TEL CO	\$54	\$370	\$424
TX	442103	LA WARD TEL EXCHANGE	\$42	\$56	\$98
TX	442105	LIPAN TEL CO	\$0	\$84	\$84
TX	442107	LIVINGSTON TEL CO	\$1,037	\$1,398	\$2,435
TX	442109	LUFKIN-CONROE TEL EX	\$15,143	\$30,115	\$45,258
TX	442112	MID-PLAINS RURAL TEL	\$0	\$21	\$21
TX	442114	CENTEL OF TEXAS	\$3,762	\$4,620	\$8,382
TX	442116	MUENSTER TEL CORP-TX	\$61	\$101	\$162
TX	442130	PEOPLES TEL COOP -TX	\$905	\$1,160	\$2,065
TX	442131	POKA-LAMBRO TEL COOP	\$190	\$270	\$460
TX	442134	RIVIERA TEL CO INC	\$110	\$133	\$243
TX	442135	SOUTHWEST TEXAS TEL	\$382	\$424	\$806
TX	442140	SAN MARCOS TEL CO	\$1,320	\$1,808	\$3,128
TX	442141	SANTA ROSA TEL COOP	\$55	\$68	\$123
TX	442147	SUGAR LAND TEL CO	\$858	\$892	\$1,750
TX	442151	TAYLOR TEL CO-OP INC	\$444	\$530	\$974
TX	442153	TEXAS-ALLTEL, INC.	\$795	\$1,008	\$1,803
TX	442154	CONTEL TX DBA GTE TX	\$52,561	\$47,563	\$100,124

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
TX	442159	VALLEY TEL CO-OP -TX	\$1,168	\$1,990	\$3,158
TX	442166	WEST TEXAS RURAL TEL	\$0	\$16	\$16
TX	442168	WES-TEX TEL CO-OP	\$108	\$212	\$320
TX	442170	XIT RURAL TEL CO-OP	\$24	\$39	\$63
TX	442262	ENMR TEL COOP-TX	\$42	\$70	\$112
TX	445216	SOUTHWESTERN BELL-TX	\$474,846	\$713,425	\$1,188,271
TX	56	Study Area Total	\$714,792	\$1,004,702	\$1,719,494
UT	502177	CON. WEST DBA GTE UT	\$10,005	\$10,330	\$20,335
UT	505107	MOUNTAIN BELL-UT	\$422,904	\$451,121	\$874,025
UT	13	Study Area Total	\$432,909	\$461,451	\$894,360
VT	140053	FRANKLIN TEL CO - VT	\$903	\$915	\$1,818
VT	140058	LUDLOW TEL CO	\$2,819	\$2,815	\$5,634
VT	140061	NORTHFIELD TEL CO	\$4,282	\$4,549	\$8,831
VT	140062	PERKINSVILLE TEL CO	\$689	\$783	\$1,472
VT	140064	SHOREHAM TEL CO INC.	\$3,453	\$2,951	\$6,404
VT	140068	TOPSHAM TEL CO	\$2,266	\$2,370	\$4,636
VT	140069	WATTSFIELD/FAYSTON	\$1,508	\$1,632	\$3,140
VT	140070	CONTEL VT DBA GTE VT	\$41,878	\$42,198	\$84,076
VT	145115	NEW ENGLAND TEL-VT	\$367,079	\$375,660	\$742,739
VT	9	Study Area Total	\$424,877	\$433,873	\$858,750
VI	1	Study Area Total	\$0	\$0	\$0
VA	190217	AMELIA TEL CORP	\$1,646	\$1,744	\$3,390
VA	190219	BUGGS ISLAND COOP	\$1,063	\$1,195	\$2,258
VA	190225	CITIZENS TEL COOP	\$818	\$974	\$1,792
VA	190226	CLIFTON FORGE WAYNES	\$3,277	\$3,691	\$6,968
VA	190233	CONTEL VA DBA GTE VA	\$43,023	\$45,873	\$88,896
VA	190236	NORTH RIVER TEL COOP	\$66	\$72	\$138
VA	190237	HIGHLAND TEL COOP	\$176	\$184	\$360
VA	190238	MT GROVE-WILLIAMSVIL	\$122	\$182	\$304
VA	190243	PEMBROKE TEL COOP	\$281	\$289	\$570
VA	190244	PEOPLES MUTUAL TEL	\$1,152	\$1,176	\$2,328
VA	190248	SCOTT COUNTY COOP	\$2,684	\$2,862	\$5,546
VA	190250	SHENANDOAH TEL CO	\$1,371	\$1,544	\$2,915
VA	190253	VIRGINIA TEL CO	\$161	\$147	\$308

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
VA	190254	CENTEL OF VIRGINIA	\$76,032	\$84,012	\$160,044
VA	190479	GTE SOUTH INC. - VA	\$12,104	\$12,328	\$24,432
VA	190567	UNITED INTER-MT-VA	\$59,486	\$65,269	\$124,755
VA	193029	NEW CASTLE TEL. CO.	\$580	\$656	\$1,236
VA	195040	C & P TEL CO OF VA	\$135,224	\$142,781	\$278,005
VA	21	Study Area Total	\$339,266	\$364,979	\$704,245
WA	522400	UTC OF THE NW-WA	\$29,016	\$25,444	\$54,460
WA	522404	ASOTIN TEL - WA	\$189	\$255	\$444
WA	522408	TEL UTIL OF WA INC	\$16,719	\$17,721	\$34,440
WA	522410	COWICHE TELEPHONE CO	\$317	\$340	\$657
WA	522412	ELLENSBURG TEL CO	\$4,560	\$4,344	\$8,904
WA	522416	GTE NORTHWEST INC-WA	\$113,233	\$137,108	\$250,341
WA	522417	HAT ISLAND TEL CO	\$12	\$0	\$12
WA	522419	HOOD CANAL TEL CO	\$56	\$80	\$136
WA	522423	INLAND TEL CO -WA	\$498	\$513	\$1,011
WA	522426	KALAMA TEL CO	\$352	\$262	\$614
WA	522427	LEWIS RIVER TEL CO	\$419	\$678	\$1,097
WA	522430	MCDANIEL TEL CO	\$527	\$682	\$1,209
WA	522431	MASHELL TEL CO INC	\$527	\$607	\$1,134
WA	522436	PENINSULA TELECOMM	\$3,274	\$3,258	\$6,532
WA	522437	PIONEER TEL CO	\$154	\$129	\$283
WA	522442	ST JOHN TEL CO	\$85	\$62	\$147
WA	522446	TENINO TELEPHONE CO	\$246	\$259	\$505
WA	522447	TOLEDO TELEPHONE CO	\$408	\$510	\$918
WA	522449	CONTEL NW DBA GTE-WA	\$24,198	\$27,169	\$51,367
WA	522451	WESTERN WAHKLAKUM	\$416	\$440	\$856
WA	522452	WHIDBEY TEL CO.	\$982	\$857	\$1,839
WA	522453	YELM TELEPHONE CO	\$1,699	\$1,668	\$3,367
WA	525161	PACIFIC NW BELL-WA	\$909,090	\$866,728	\$1,775,818
WA	23	Study Area Total	\$1,106,977	\$1,089,114	\$2,196,091
WV	200256	ARMSTRONG OF WV	\$179	\$85	\$264
WV	200267	ARMSTRONG TEL. CO.	\$410	\$184	\$594
WV	200270	MOUNTAIN STATE TEL	\$4,533	\$4,713	\$9,246
WV	200278	CONTEL WV DBA GTE WV	\$11,428	\$11,122	\$22,550
WV	200479	GTE SOUTH INC. - WV	\$6,988	\$6,756	\$13,744
WV	205050	C & P TEL CO OF WV	\$86,466	\$84,512	\$170,978
WV	10	Study Area Total	\$110,004	\$107,372	\$217,376

LIFELINE END USER CHARGES WAIVED

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
WI	330950	SOLON SPRINGS TEL CO	\$126	\$124	\$250
WI	335220	WISCONSIN BELL	\$350	\$217,296	\$217,646
WI	95	Study Area Total	\$476	\$217,420	\$217,896
WY	515108	MOUNTAIN BELL-WY	\$0	\$5,833	\$5,833
WY	11	Study Area Total	\$0	\$5,833	\$5,833
		Industry Total	\$37,885,432	\$41,407,812	\$79,293,244

TABLE 2.6

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
AL	250281	CONTEL AL DBA GTE AL	\$87	\$300	\$387
AL	250283	BRINDLEE MOUNTAIN	\$135	\$26	\$161
AL	250290	FARMERS TEL COOP -AL	\$10	\$0	\$10
AL	250293	GTE SOUTH INC. - AL	\$1,545	\$2,675	\$4,220
AL	250300	HOPPER TEL. CO INC	\$0	\$42	\$42
AL	250302	ALLTEL ALABAMA	\$48	\$0	\$48
AL	250304	MILLRY TEL CO	\$84	\$104	\$188
AL	250306	MONROEVILLE TEL CO	\$0	\$48	\$48
AL	250308	NEW HOPE TEL COOP	\$30	\$0	\$30
AL	250311	OAKMAN TEL CO (TDS)	\$42	\$0	\$42
AL	250315	PINE BELT TEL CO	\$286	\$130	\$416
AL	250318	SOUTHLAND TEL CO-AL	\$0	\$518	\$518
AL	250322	UNION SPRINGS TEL CO	\$29	\$6	\$35
AL	255181	SO CENTRAL BELL-AL	\$23,488	\$17,612	\$41,100
AL	30	Study Area Total	\$25,784	\$21,461	\$47,245
AK	25	Study Area Total	\$0	\$0	\$0
AZ	455101	MOUNTAIN BELL - AZ	\$4,233	\$559	\$4,792
AZ	11	Study Area Total	\$4,233	\$559	\$4,792
AR	401691	ALLTEL ARKANSAS INC	\$726	\$480	\$1,206
AR	401692	ARKANSAS TEL CO	\$0	\$332	\$332
AR	401698	CLEVELAND COUNTY TEL	\$60	\$0	\$60
AR	401699	DECATUR TEL CO INC	\$30	\$0	\$30
AR	401705	CENTURY OF ARKANSAS	\$471	\$390	\$861
AR	401709	MADISON COUNTY TEL	\$0	\$29	\$29
AR	401711	MOUNTAIN HOME TEL	\$245	\$210	\$455
AR	401713	NORTH ARKANSAS TEL	\$54	\$105	\$159
AR	401720	REDFIELD TEL CO	\$65	\$16	\$81
AR	401724	SW ARKANSAS TEL COOP	\$0	\$332	\$332
AR	401726	TRI-COUNTY TEL CO-AR	\$68	\$192	\$260
AR	401727	UNION TEL CO INC	\$37	\$88	\$125
AR	401730	CONTEL AR DBA GTE AR	\$585	\$416	\$1,001
AR	401733	YELCOT TEL CO INC	\$38	\$8	\$46
AR	401790	CONTEL KS DBA GTE AR	\$145	\$93	\$238
AR	402080	GTE SOUTHWEST INC-AR	\$1,436	\$913	\$2,349
AR	405211	SOUTHWESTERN BELL-AR	\$58,459	\$62,737	\$121,196
AR	28	Study Area Total	\$62,419	\$66,341	\$128,760

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
CA	22	Study Area Total	\$0	\$0	\$0
CO	462182	BLANCA TEL CO	\$0	\$13	\$13
CO	462186	EASTERN SLOPE RURAL	\$0	\$263	\$263
CO	462187	EL PASO COUNTY TEL	\$0	\$108	\$108
CO	462193	NUCLA-NAIURITA TEL	\$0	\$30	\$30
CO	462207	STRASBURG TEL CO	\$0	\$4	\$4
CO	465102	MOUNTAIN BELL-CO	\$26,290	\$19,744	\$46,034
CO	27	Study Area Total	\$26,290	\$20,162	\$46,452
CT	135200	SOUTHERN NEW ENGLAND	\$52,375	\$73,374	\$125,749
CT	2	Study Area Total	\$52,375	\$73,374	\$125,749
DE	1	Study Area Total	\$0	\$0	\$0
DC	575020	C & P TEL CO OF WASH	\$3,556	\$4,292	\$7,848
DC	1	Study Area Total	\$3,556	\$4,292	\$7,848
FL	210318	SOUTHLAND TEL-FL	\$0	\$56	\$56
FL	210328	GTE FLORIDA INC.	\$15,772	\$27,610	\$43,382
FL	210336	ALLTEL FLORIDA INC.	\$588	\$588	\$1,176
FL	210339	ST JOSEPH TEL & TEL	\$345	\$0	\$345
FL	210340	CENTEL OF FLORIDA	\$456	\$480	\$936
FL	210341	UTC OF FLORIDA	\$5,733	\$5,398	\$11,131
FL	215191	SOUTHERN BELL-FL	\$13,779	\$11,193	\$24,972
FL	13	Study Area Total	\$36,673	\$45,325	\$81,998
GA	220376	PEMBROKE TEL CO	\$0	\$39	\$39
GA	220379	PLANT TEL. CO.	\$60	\$120	\$180
GA	220381	PUBLIC SERVICE TEL	\$0	\$61	\$61
GA	220392	WAVERLY HALL TEL CO	\$0	\$10	\$10
GA	220479	GTE SOUTH INC.- GA	\$2,331	\$5,401	\$7,732
GA	225192	SOUTHERN BELL-GA	\$32,923	\$244,755	\$277,678
GA	36	Study Area Total	\$35,314	\$250,386	\$285,700

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
HI	623100	GTE HAWAIIAN TEL. CO	\$6,955	\$8,014	\$14,969
HI	1	Study Area Total	\$6,955	\$8,014	\$14,969
ID	472177	CON. WEST DBA GTE ID	\$34	\$34	\$68
ID	472225	CENTURY TEL OF IDAHO	\$14	\$31	\$45
ID	472416	GTE NORTHWEST INC-ID	\$615	\$660	\$1,275
ID	475103	MOUNTAIN BELL-ID	\$2,014	\$1,646	\$3,660
ID	475162	PACIFIC NW BELL-ID	\$446	\$434	\$880
ID	20	Study Area Total	\$3,123	\$2,805	\$5,928
IL	340984	CASS COUNTY TEL CO	\$15	\$0	\$15
IL	340985	CENTEL OF ILLINOIS	\$243	\$0	\$243
IL	340993	CROSSVILLE TEL CO	\$15	\$0	\$15
IL	341000	ALLTEL ILLINOIS INC.	\$102	\$0	\$102
IL	341003	EGYPTIAN COOP ASSN	\$26	\$0	\$26
IL	341015	GTE NORTH INC. - IL	\$8,223	\$0	\$8,223
IL	341025	SHAWNEE TELEPHONE CO	\$9	\$0	\$9
IL	341032	HOME TEL CO-ST JACOB	\$18	\$0	\$18
IL	341036	CONTEL IL DBA GTE IL	\$1,667	\$0	\$1,667
IL	341037	IL CONSOLIDATED TEL	\$502	\$0	\$502
IL	341047	MCDONOUGH TEL COOP	\$21	\$0	\$21
IL	341049	MADISON TEL CO	\$10	\$0	\$10
IL	341053	METAMORA TEL CO	\$38	\$0	\$38
IL	341058	MONTROSE MUTUAL TEL	\$14	\$0	\$14
IL	341088	WABASH TEL COOP, INC	\$15	\$0	\$15
IL	345070	ILLINOIS BELL TEL CO	\$309,400	\$0	\$309,400
IL	56	Study Area Total	\$320,318	\$0	\$320,318
IN	320747	CENTRAL INDIANA TEL	\$28	\$28	\$56
IN	320772	GTE NORTH INC. - IN	\$6,120	\$6,497	\$12,617
IN	320776	COMM CORP OF INDIANA	\$29	\$0	\$29
IN	320779	CONTEL-IN DBA GTE IN	\$681	\$833	\$1,514
IN	320818	SMITHVILLE TEL CO	\$40	\$128	\$168
IN	320831	ALLTEL INDIANA INC.	\$0	\$35	\$35
IN	320832	UTC OF INDIANA	\$293	\$403	\$696
IN	325080	INDIANA BELL TEL CO	\$14,478	\$33,840	\$48,318
IN	42	Study Area Total	\$21,669	\$41,764	\$63,433

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
IA	351118	CASCADE TEL CO	\$16	\$16	\$32
IA	351127	VISTA TEL. CO. OF IA	\$109	\$52	\$161
IA	351129	THE CITIZENS MUTUAL	\$10	\$60	\$70
IA	351133	C-M-L TEL COOP ASSN	\$0	\$1	\$1
IA	351139	COOPERATIVE TEL CO	\$7	\$14	\$21
IA	351156	EAST BUCHANAN COOP	\$4	\$4	\$8
IA	351171	FARMERS MUTUAL JESUP	\$0	\$20	\$20
IA	351172	FARMERS MUTUAL TEL	\$3	\$0	\$3
IA	351175	FARMERS TEL CO - BAT	\$8	\$8	\$16
IA	351186	GTE NORTH INC. - IA	\$2,216	\$2,221	\$4,437
IA	351187	MID-IOWA TEL CO	\$26	\$96	\$122
IA	351207	CONTEL IA DBA GTE IA	\$1,694	\$2,194	\$3,888
IA	351212	JEFFERSON TEL CO -IA	\$104	\$20	\$124
IA	351214	KALONA COOP TEL CO	\$8	\$0	\$8
IA	351220	LA PORTE CITY TEL CO	\$25	\$0	\$25
IA	351223	LAUREL TEL CO, INC	\$19	\$19	\$38
IA	351232	LYNNVILLE COMMUNITY	\$0	\$11	\$11
IA	351246	MINERVA VALLEY TEL	\$18	\$4	\$22
IA	351260	NORTHWEST IOWA TEL	\$19	\$0	\$19
IA	351261	NORTHWEST TEL COOP	\$0	\$9	\$9
IA	351297	HEART OF IOWA COOP	\$0	\$26	\$26
IA	351303	COOP TEL EXCHANGE	\$8	\$24	\$32
IA	351306	SULLY TEL ASSOC	\$35	\$60	\$95
IA	351319	VAN BUREN TEL CO	\$10	\$3	\$13
IA	351320	VAN HORNE COOP TEL	\$0	\$6	\$6
IA	351324	VILLISCA FARMERS TEL	\$14	\$0	\$14
IA	351328	WEBSTER-CALHOUN COOP	\$120	\$0	\$120
IA	351331	WEST IOWA TEL CO	\$46	\$30	\$76
IA	351332	WEST LIBERTY TEL CO	\$60	\$0	\$60
IA	351334	WESTERN IOWA ASSN	\$21	\$32	\$53
IA	351335	WESTSIDE INDEPENDENT	\$8	\$0	\$8
IA	351337	WINNEBAGO COOP ASSN	\$8	\$8	\$16
IA	351346	ACE TEL ASSN-IA	\$0	\$36	\$36
IA	351405	HILLS TEL CO, INC-IA	\$17	\$36	\$53
IA	351790	CONTEL KS DBA GTE IA	\$2,800	\$2,381	\$5,181
IA	351888	GRAND RIVER MUT-IA	\$104	\$43	\$147
IA	355141	NORTHWESTERN BELL-IA	\$44,766	\$39,726	\$84,492
IA	153	Study Area Total	\$52,303	\$47,160	\$99,463
KS	411317	UTC-IA DBA UTC-E. KS	\$45	\$57	\$102
KS	411746	BLUE VALLEY TEL CO	\$0	\$42	\$42

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual		Total
			Jan 91 - Jun 91	Jul 91 - Dec 91	
KS	411758	COUNCIL GROVE TEL CO	\$18	\$9	\$27
KS	411788	KANOKLA TEL ASSN-KS	\$8	\$0	\$8
KS	411842	UTC OF KANSAS	\$480	\$400	\$880
KS	411957	UTC-MO DBA UTC-SE KS	\$62	\$10	\$72
KS	415214	SOUTHWESTERN BELL-KS	\$5,211	\$5,851	\$11,062
KS	40	Study Area Total	\$5,824	\$6,369	\$12,193
KY	260396	BALLARD RURAL COOP	\$97	\$47	\$144
KY	260398	BRANDENBURG TEL CO	\$298	\$548	\$846
KY	260401	DUO COUNTY TEL COOP	\$240	\$140	\$380
KY	260402	ALLTEL KENTUCKY	\$312	\$271	\$583
KY	260407	GTE SOUTH INC. - KY	\$9,442	\$9,604	\$19,046
KY	260408	HAROLD TEL CO	\$77	\$66	\$143
KY	260410	CONTEL KY DBA GTE KY	\$9,249	\$8,787	\$18,036
KY	260411	LESLIE COUNTY TEL CO	\$1,513	\$1,238	\$2,751
KY	260412	LEWISPORT TEL CO	\$6	\$108	\$114
KY	260413	LOGAN TEL. COOP. INC	\$112	\$126	\$238
KY	260414	MOUNTAIN RURAL COOP	\$220	\$339	\$559
KY	260415	PEOPLES RURAL COOP	\$1,423	\$1,911	\$3,334
KY	260418	SOUTH CENTRAL RURAL	\$722	\$1,049	\$1,771
KY	260419	THACKER/GRIGSBY TEL	\$252	\$337	\$589
KY	260421	WEST KENTUCKY RURAL	\$27	\$163	\$190
KY	265061	CINCINNATI BELL-KY	\$1,708	\$2,192	\$3,900
KY	265182	SO CENTRAL BELL-KY	\$66,790	\$72,604	\$139,394
KY	19	Study Area Total	\$92,488	\$99,530	\$192,018
LA	270423	CENTRAL LOUISIANA	\$3,718	\$2,156	\$5,874
LA	270424	COASTAL TEL & ELECTR	\$2,046	\$1,210	\$3,256
LA	270431	CADDOAN TEL CO	\$1,540	\$594	\$2,134
LA	270432	KAPLAN TEL CO	\$88	\$56	\$144
LA	270434	EVANGELINE TEL CO	\$8,184	\$3,652	\$11,836
LA	270435	NORTHEAST LOUISIANA	\$0	\$48	\$48
LA	270436	CENTURY NORTH LA	\$1,452	\$505	\$1,957
LA	270438	RESERVE TEL CO	\$58	\$116	\$174
LA	270440	CENTURY TEL CO	\$792	\$374	\$1,166
LA	270442	LOUISIANA WESTERN	\$1,056	\$484	\$1,540
LA	275183	SO CENTRAL BELL-LA	\$289,966	\$234,106	\$524,072
LA	20	Study Area Total	\$308,900	\$243,301	\$552,201

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
ME	100002	BRYANT POND TEL CO	\$40	\$60	\$100
ME	100004	CHINA TEL CORP	\$72	\$63	\$135
ME	100010	HAMPDEN TEL CO	\$174	\$474	\$648
ME	100011	HARTLAND & ST ALBANS	\$320	\$420	\$740
ME	100014	CONTEL-ME DBA GTE-ME	\$6,788	\$8,456	\$15,244
ME	100015	COMMUNITY SERVICE	\$414	\$639	\$1,053
ME	100019	OXFORD COUNTY TEL	\$433	\$566	\$999
ME	100024	SOMERSET TEL CO	\$410	\$640	\$1,050
ME	100025	STANDISH TEL CO	\$334	\$422	\$756
ME	100027	UNION RIVER TEL CO	\$0	\$10	\$10
ME	100031	WARREN TEL CO	\$80	\$40	\$120
ME	100034	WEST PENOBSCOT TEL	\$370	\$390	\$760
ME	105111	NEW ENGLAND TEL-ME	\$108,249	\$141,311	\$249,560
ME	19	Study Area Total	\$117,684	\$153,491	\$271,175
MD	185030	C & P TEL CO OF MD	\$36,571	\$48,571	\$85,142
MD	2	Study Area Total	\$36,571	\$48,571	\$85,142
MA	115112	NEW ENGLAND TEL-MA	\$41,962	\$34,393	\$76,355
MA	3	Study Area Total	\$41,962	\$34,393	\$76,355
MI	310669	ALLENDALE TEL CO	\$1	\$0	\$1
MI	310671	CENTURY TEL. MIDWEST	\$75	\$32	\$107
MI	310672	COMM CORP OF MI	\$20	\$0	\$20
MI	310675	BARAGA TEL CO	\$15	\$0	\$15
MI	310676	BARRY COUNTY TEL CO	\$60	\$12	\$72
MI	310681	ALLTEL MICHIGAN INC.	\$1,547	\$494	\$2,041
MI	310685	CHATHAM TEL CO - MI	\$0	\$71	\$71
MI	310688	CLIMAX TEL CO	\$23	\$5	\$28
MI	310695	GTE NORTH INC. - MI	\$45,849	\$41,800	\$87,649
MI	310702	CENTURY OF MICHIGAN	\$95	\$143	\$238
MI	310704	ACE TEL OF MICHIGAN	\$0	\$791	\$791
MI	310705	KINGSLEY TEL CO	\$51	\$54	\$105
MI	310711	MIDWAY TEL CO	\$0	\$876	\$876
MI	310713	HIAWATHA TEL CO	\$34	\$10	\$44
MI	310714	OGDEN TEL CO	\$0	\$243	\$243
MI	310717	ONTONAGON COUNTY TEL	\$80	\$24	\$104
MI	310721	PIGEON TEL CO	\$26	\$14	\$40
MI	310725	SAND CREEK TEL CO	\$5	\$0	\$5

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MI	310728	SPRINGPORT TEL CO	\$63	\$0	\$63
MI	310732	UPPER PENINSULA TEL	\$106	\$249	\$355
MI	310734	WALDRON TEL CO	\$25	\$26	\$51
MI	310737	WINN TEL CO	\$0	\$7	\$7
MI	310738	WOLVERINE TEL CO	\$69	\$0	\$69
MI	315090	MICHIGAN BELL TEL CO	\$297,545	\$374,064	\$671,609
MI	38	Study Area Total	\$345,689	\$418,915	\$764,604
MN	361140	CONTEL MN DBA GTE MN	\$191	\$218	\$409
MN	361186	GTE NORTH INC. - MN	\$0	\$10	\$10
MN	361356	BENTON COOP TEL CO	\$28	\$0	\$28
MN	361367	VISTA TEL. CO. OF MN	\$49	\$96	\$145
MN	361383	EAGLE VALLEY TEL CO	\$12	\$62	\$74
MN	361414	LAKEDALE TEL CO	\$22	\$0	\$22
MN	361419	LISMORE COOP TEL CO	\$8	\$0	\$8
MN	361427	MANKATO CITIZENS TEL	\$36	\$59	\$95
MN	361430	MELROSE TEL CO	\$0	\$10	\$10
MN	361445	NORTHLAND DBA PTI	\$0	\$12	\$12
MN	361450	PARK REGION MUTUAL	\$22	\$23	\$45
MN	361456	UTC OF MINNESOTA	\$45	\$157	\$202
MN	365142	NORTHWESTERN BELL-MN	\$5,088	\$6,496	\$11,584
MN	91	Study Area Total	\$5,501	\$7,143	\$12,644
MS	280453	ALLTEL MISSISSIPPI	\$0	\$21	\$21
MS	280458	HOME TEL CO-OLIVE BR	\$330	\$154	\$484
MS	285184	SO CENTRAL BELL-MS	\$13,891	\$11,859	\$25,750
MS	18	Study Area Total	\$14,221	\$12,034	\$26,255
MO	421186	GTE NORTH INC. - MO	\$89	\$26	\$115
MO	421789	KS ST DBA GTE E. MO	\$108	\$90	\$198
MO	421846	CONT MO DBA GTE MO	\$84	\$96	\$180
MO	421864	CHARITON VALLEY TEL	\$0	\$8	\$8
MO	421874	ELLINGTON TEL CO	\$13	\$7	\$20
MO	421885	ALLTEL MISSOURI	\$160	\$133	\$293
MO	421888	GRAND RIVER MUT-MO	\$44	\$7	\$51
MO	421890	GREEN HILLS TEL CORP	\$0	\$1	\$1
MO	421904	MISSOURI TEL CO	\$18	\$62	\$80
MO	421917	MID-MISSOURI TEL CO	\$0	\$1	\$1
MO	421922	CONTEL MO DBA GTE MO	\$370	\$474	\$844

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
MO	421949	STEELVILLE TEL EXCH	\$6	\$0	\$6
MO	421957	UTC OF MISSOURI	\$1,879	\$1,843	\$3,722
MO	425213	SOUTHWESTERN BELL-MO	\$5,391	\$3,705	\$9,096
MO	44	Study Area Total	\$8,162	\$6,453	\$14,615
MT	482235	BLACKFOOT TEL COOP	\$85	\$190	\$275
MT	482257	TRIANGLE TEL COOP	\$90	\$80	\$170
MT	482416	GTE NORTHWEST INC-MT	\$17	\$100	\$117
MT	485104	MOUNTAIN BELL-MT	\$12,586	\$12,056	\$24,642
MT	17	Study Area Total	\$12,778	\$12,426	\$25,204
NE	371186	GTE NORTH INC. - NE	\$548	\$403	\$951
NE	371568	LINCOLN TEL & TEL CO	\$2,829	\$2,610	\$5,439
NE	371591	SE NEBRASKA TEL CO	\$72	\$63	\$135
NE	371595	UTC OF THE WEST-NE	\$493	\$679	\$1,172
NE	375143	NORTHWESTERN BELL-NE	\$1,869	\$1,701	\$3,570
NE	42	Study Area Total	\$5,811	\$5,456	\$11,267
NV	552302	CONTEL OF CALIF-NV	\$280	\$480	\$760
NV	552348	CENTEL OF NV	\$491	\$378	\$869
NV	552349	CHURCHILL COUNTY TEL	\$88	\$440	\$528
NV	552353	MOAPA VALLEY TEL CO.	\$26	\$148	\$174
NV	555173	NEVADA BELL	\$3,421	\$3,580	\$7,001
NV	13	Study Area Total	\$4,306	\$5,026	\$9,332
NH	120040	CHICHESTER TEL CO	\$0	\$5	\$5
NH	120041	CONTEL NH DBA GTE NH	\$0	\$134	\$134
NH	120045	KEARSARGE TEL CO	\$7	\$0	\$7
NH	125113	NEW ENGLAND TEL-NH	\$9,746	\$11,555	\$21,301
NH	12	Study Area Total	\$9,753	\$11,694	\$21,447
NJ	160138	UNITED TEL - NJ, INC	\$26	\$114	\$140
NJ	165120	NEW JERSEY BELL	\$6,027	\$5,887	\$11,914
NJ	3	Study Area Total	\$6,053	\$6,001	\$12,054
NM	492080	GTE SOUTHWEST INC-NM	\$1,733	\$2,264	\$3,997

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
NM	492177	CON. WEST DBA GTE NM	\$2,400	\$3,060	\$5,460
NM	492268	WESTERN NEW MEXICO	\$178	\$257	\$435
NM	495105	MOUNTAIN BELL-NM	\$46,200	\$51,375	\$97,575

NM	14	Study Area Total	\$50,511	\$56,956	\$107,467
NY	150071	ARMSTRONG TEL CO-NY	\$415	\$467	\$882
NY	150077	CHAMPLAIN TEL CO	\$2,837	\$3,038	\$5,875
NY	150078	CHAUTAUQUA & ERIE	\$1,562	\$1,557	\$3,119
NY	150079	CHAZY & WESTPORT	\$22	\$32	\$54
NY	150084	TACONIC TEL CORP	\$69	\$90	\$159
NY	150089	DEPOSIT TEL CO	\$505	\$594	\$1,099
NY	150092	EDWARDS TEL CO	\$8	\$0	\$8
NY	150093	EMPIRE TEL CORP	\$27	\$59	\$86
NY	150096	CONTEL NY DBA GTE NY	\$3,136	\$4,418	\$7,554
NY	150099	HANCOCK TEL CO	\$52	\$36	\$88
NY	150107	NEWPORT TEL CO	\$162	\$92	\$254
NY	150108	NICHOLVILLE TEL CO	\$306	\$510	\$816
NY	150111	ONEIDA COUNTY RURAL	\$39	\$81	\$120
NY	150112	ONTARIO TEL CO	\$19	\$38	\$57
NY	150116	PATTERSONVILLE TEL	\$43	\$60	\$103
NY	150119	RED HOOK TEL CO	\$33	\$95	\$128
NY	150121	ROCHESTER TEL CORP	\$37,183	\$41,697	\$78,880
NY	150122	SENECA-GORHAM TEL	\$0	\$9	\$9
NY	150129	TOWNSHIP TEL CO	\$36	\$18	\$54
NY	150131	TRUMANSBURG HOME TEL	\$69	\$138	\$207
NY	150136	WESTERN COUNTIES TEL	\$283	\$366	\$649
NY	155130	NEW YORK TEL CO	\$2,735,456	\$3,130,209	\$5,865,665

NY	45	Study Area Total	\$2,782,262	\$3,183,604	\$5,965,866
NC	230470	CAROLINA TEL & TEL	\$11,903	\$10,406	\$22,309
NC	230471	CENTEL OF NC	\$822	\$884	\$1,706
NC	230473	CITIZENS TEL CO	\$235	\$449	\$684
NC	230474	CONCORD TEL CO	\$32	\$0	\$32
NC	230476	ALLTEL CAROLINA-NO	\$264	\$164	\$428
NC	230478	ELLERBE TEL CO	\$0	\$1	\$1
NC	230479	GTE SOUTH INC - NC	\$1,167	\$1,804	\$2,971
NC	230481	HEINS TEL CO	\$128	\$85	\$213
NC	230483	LLEXINGTON TEL CO	\$74	\$43	\$117
NC	230491	NORTH STATE TEL CO	\$0	\$32	\$32
NC	230499	SANDHILL TEL CO	\$10	\$0	\$10

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
NC	230501	SKYLINE MEMBERSHIP	\$66	\$66	\$132
NC	230502	STAR MEMBERSHIP CORP	\$60	\$24	\$84
NC	230509	CONTEL NC DBA GTE NC	\$786	\$655	\$1,441
NC	235193	SOUTHERN BELL-NC	\$2,086	\$1,559	\$3,645
NC	28	Study Area Total	\$17,633	\$16,172	\$33,805
ND	381447	CONTEL ND DBA GTE ND	\$399	\$190	\$589
ND	381509	WOLVERTON TEL CO	\$14	\$0	\$14
ND	381622	MOORE & LIBERTY TEL	\$0	\$12	\$12
ND	381624	NORTH. STATES POWER	\$46	\$0	\$46
ND	381630	POLAR COMM MUT AID	\$56	\$43	\$99
ND	381634	SOURIS RIVER TELECOM	\$13	\$13	\$26
ND	383303	MINOT TEL CO	\$552	\$966	\$1,518
ND	385144	NORTHWESTERN BELL-ND	\$1,860	\$2,028	\$3,888
ND	25	Study Area Total	\$2,940	\$3,252	\$6,192
OH	300588	AYERSVILLE TEL CO	\$0	\$51	\$51
OH	300594	THE CHAMPAIGN TEL CO	\$0	\$640	\$640
OH	300597	THE CHILLICOTHE TEL	\$793	\$2,530	\$3,323
OH	300607	CONTINENTAL OF OHIO	\$27	\$0	\$27
OH	300613	LITTLE MIAMI COMM.	\$62	\$0	\$62
OH	300615	GTE NORTH INC. - OH	\$40,571	\$24,908	\$65,479
OH	300630	CENTEL OF OHIO	\$348	\$174	\$522
OH	300634	MINFORD TEL CO	\$546	\$452	\$998
OH	300637	ALLTEL OHIO-NEWARK	\$182	\$0	\$182
OH	300644	THE NOVA TEL CO	\$0	\$112	\$112
OH	300645	OAKWOOD MUTUAL TEL	\$32	\$280	\$312
OH	300649	ORWELL TEL CO	\$0	\$60	\$60
OH	300658	SYCAMORE TEL CO	\$0	\$15	\$15
OH	300661	UTC OF OHIO	\$5,599	\$20,778	\$26,377
OH	300662	VANLUE TEL CO	\$0	\$180	\$180
OH	300664	WABASH MUTUAL TEL CO	\$0	\$12	\$12
OH	300665	ALLTEL OHIO INC.	\$469	\$146	\$615
OH	300666	WESTERN RESERVE TEL	\$435	\$84	\$519
OH	305062	CINCINNATI BELL-OH	\$3,054	\$4,121	\$7,175
OH	305150	OHIO BELL TEL CO	\$80,794	\$123,536	\$204,330
OH	44	Study Area Total	\$132,912	\$178,079	\$310,991
OK	431965	ALLTEL OKLAHOMA INC	\$205	\$128	\$333

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
OK	431984	OKLAHOMA COMM SYSTEM	\$316	\$15	\$331
OK	431985	CROSS TEL CO	\$42	\$14	\$56
OK	432011	OKLAHOMA ALLTEL, INC	\$872	\$383	\$1,255
OK	432016	PANHANDLE TEL COOP	\$54	\$54	\$108
OK	432080	GTE SOUTHWEST INC-OK	\$455	\$216	\$671
OK	435215	SOUTHWESTERN BELL-OK	\$18,185	\$14,138	\$32,323
OK	39	Study Area Total	\$20,129	\$14,948	\$35,077
OR	532304	C P NATIONAL CORP-OR	\$286	\$228	\$514
OR	532361	TEL UTIL OF OREGON	\$1,901	\$1,363	\$3,264
OR	532362	CANBY TEL ASSN	\$9	\$0	\$9
OR	532363	CLEAR CREEK MUTUAL	\$14	\$0	\$14
OR	532371	CASCADE UTIL INC	\$28	\$147	\$175
OR	532383	MOLALLA TEL CO.	\$306	\$12	\$318
OR	532386	MT. ANGEL TEL CO.	\$60	\$0	\$60
OR	532388	NORTH STATE TEL CO.	\$10	\$0	\$10
OR	532389	OREGON TEL CORP	\$18	\$0	\$18
OR	532392	PINE TEL SYSTEM INC.	\$5	\$0	\$5
OR	532393	PIONEER TEL COOP	\$15	\$23	\$38
OR	532399	STAYTON COOP TEL CO	\$16	\$7	\$23
OR	532400	UTC OF THE NW - OR	\$681	\$707	\$1,388
OR	532416	GTE NORTHWEST INC-OR	\$34	\$0	\$34
OR	532449	CONTEL NW DBA GTE-OR	\$140	\$240	\$380
OR	532456	MALHEUR HOME TEL CO	\$96	\$14	\$110
OR	535163	PACIFIC NW BELL-OR	\$9,102	\$7,725	\$16,827
OR	34	Study Area Total	\$12,721	\$10,466	\$23,187
PA	170145	THE BENTLEYVILLE TEL	\$113	\$60	\$173
PA	170150	BROOKVILLE TEL CO	\$299	\$381	\$680
PA	170157	CITIZENS UTIL OF PA	\$1,064	\$922	\$1,986
PA	170161	C-TEC CORPORATION	\$4,122	\$4,222	\$8,344
PA	170162	THE CONESTOGA TEL	\$23	\$189	\$212
PA	170165	DENVER & EPHRATA	\$418	\$468	\$886
PA	170168	ENTERPRISE TEL CO	\$11	\$0	\$11
PA	170169	GTE NORTH INC. - PA	\$4,966	\$5,266	\$10,232
PA	170171	HICKORY TEL CO	\$72	\$6	\$78
PA	170175	IRONION TEL CO	\$0	\$11	\$11
PA	170176	ALLTEL PENNSYLVANIA	\$1,232	\$1,312	\$2,544
PA	170183	MAHANAY & MAHANTONGO	\$40	\$104	\$144
PA	170190	MURRAYSVILLE TEL CO	\$42	\$69	\$111

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
PA	170191	NORTH EASTERN PA TEL	\$22	\$44	\$66
PA	170192	NORTH PENN TEL CO	\$723	\$317	\$1,040
PA	170194	OSWAYO RIVER TEL CO	\$0	\$663	\$663
PA	170196	PALMERTON TEL CO	\$36	\$10	\$46
PA	170200	PYMATUNING IND TEL	\$38	\$0	\$38
PA	170209	UTC OF PENNSYLVANIA	\$9,385	\$9,994	\$19,379
PA	170210	VENUS TEL CORP	\$33	\$11	\$44
PA	175000	BELL OF PENNSYLVANIA	\$815,020	\$853,952	\$1,668,972
PA	39	Study Area Total	\$837,659	\$878,001	\$1,715,660
PR	633201	PUERTO RICO TEL CO	\$34,814	\$37,747	\$72,561
PR	2	Study Area Total	\$34,814	\$37,747	\$72,561
RI	585114	NEW ENGLAND TEL - RI	\$7,129	\$6,505	\$13,634
RI	1	Study Area Total	\$7,129	\$6,505	\$13,634
SC	240479	GTE SOUTH INC. - SC	\$3,450	\$3,119	\$6,569
SC	240506	UTC OF THE CAROLINAS	\$5,291	\$5,463	\$10,754
SC	240517	ALLTEL SO CAROLINA	\$14	\$0	\$14
SC	240520	FARMERS TEL COOP	\$496	\$347	\$843
SC	240521	FORT MILL TEL CO	\$35	\$18	\$53
SC	240526	CONTEL-SC DBA GTE SC	\$76	\$28	\$104
SC	240528	HORRY TEL COOP	\$3,000	\$2,150	\$5,150
SC	240531	LANCASTER TEL CO	\$615	\$333	\$948
SC	240538	PIEDMONT RURAL COOP	\$168	\$112	\$280
SC	240542	ROCK HILL TEL CO	\$178	\$152	\$330
SC	240544	ST STEPHEN TEL CO	\$8	\$0	\$8
SC	240550	WEST CAROLINA RURAL	\$105	\$30	\$135
SC	240551	WILLISTON TEL CO	\$7	\$0	\$7
SC	245194	SOUTHERN BELL-SC	\$5,569	\$4,046	\$9,615
SC	28	Study Area Total	\$19,012	\$15,798	\$34,810
SD	395145	NORTHWESTERN BELL-SD	\$3,344	\$4,411	\$7,755
SD	31	Study Area Total	\$3,344	\$4,411	\$7,755
TN	290479	GTE SOUTH INC. - TN	\$640	\$283	\$923
TN	290552	ADAMSVILLE TEL CO	\$162	\$72	\$234

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
TN	290553	BEN LOMAND RURAL	\$54	\$90	\$144
TN	290554	BLEDSOE TEL COOP	\$103	\$0	\$103
TN	290557	CLAIBORNE TEL CO	\$182	\$62	\$244
TN	290559	CONCORD TEL EXCHANGE	\$44	\$0	\$44
TN	290562	DEKALB TEL COOP	\$89	\$152	\$241
TN	290565	HIGHLAND TEL COOP-TN	\$770	\$842	\$1,612
TN	290567	UNITED INTER-MT-TN	\$25,120	\$23,984	\$49,104
TN	290573	NORTH CENTRAL COOP	\$95	\$114	\$209
TN	290575	TENNESSEE TEL CO	\$84	\$48	\$132
TN	290577	ALLTEL TENNESSEE	\$378	\$2,565	\$2,943
TN	290578	TELLICO TEL CO	\$52	\$26	\$78
TN	290579	TWIN LAKES TEL COOP	\$24	\$2	\$26
TN	290584	YORKVILLE TEL COOP	\$20	\$0	\$20
TN	295185	SO. CENTRAL BELL -TN	\$5,291	\$4,297	\$9,588
TN	25	Study Area Total	\$33,108	\$32,537	\$65,645
TX	442068	EASTEX TEL COOP INC	\$872	\$1,149	\$2,021
TX	442071	FIVE AREA TEL CO-OP	\$24	\$8	\$32
TX	442080	GTE SOUTHWEST INC-TX	\$14,945	\$11,317	\$26,262
TX	442084	UTC OF TEXAS INC	\$9,913	\$13,138	\$23,051
TX	442097	KERRVILLE TEL CO	\$773	\$919	\$1,692
TX	442109	LUFKIN-CONROE TEL EX	\$3,465	\$4,644	\$8,109
TX	442114	CENTEL OF TEXAS	\$482	\$204	\$686
TX	442134	RIVIERA TEL CO INC	\$36	\$84	\$120
TX	442141	SANTA ROSA TEL COOP	\$11	\$0	\$11
TX	442154	CONTEL TX DBA GTE TX	\$4,760	\$5,040	\$9,800
TX	445216	SOUTHWESTERN BELL-TX	\$245,517	\$274,547	\$520,064
TX	56	Study Area Total	\$280,798	\$311,050	\$591,848
UT	505107	MOUNTAIN BELL-UT	\$1,651	\$29,963	\$31,614
UT	13	Study Area Total	\$1,651	\$29,963	\$31,614
VT	140061	NORTHFIELD TEL CO	\$23	\$31	\$54
VT	140064	SHOREHAM TEL CO INC.	\$87	\$87	\$174
VT	140070	CONTEL VT DBA GTE VT	\$792	\$678	\$1,470
VT	145115	NEW ENGLAND TEL-VT	\$14,703	\$17,640	\$32,343
VT	9	Study Area Total	\$15,605	\$18,436	\$34,041

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual		Total
			Jan 91 - Jun 91	Jul 91 - Dec 91	
VI	1	Study Area Total	\$0	\$0	\$0
VA	190217	AMELIA TEL CORP	\$46	\$50	\$96
VA	190219	BUGGS ISLAND COOP	\$1	\$68	\$69
VA	190225	CITIZENS TEL COOP	\$170	\$0	\$170
VA	190226	CLIFTON FORGE WAYNES	\$262	\$258	\$520
VA	190233	CONTEL VA DBA GTE VA	\$5,370	\$7,276	\$12,646
VA	190243	PEMBROKE TEL COOP	\$21	\$0	\$21
VA	190244	PEOPLES MUTUAL TEL	\$116	\$60	\$176
VA	190248	SCOTT COUNTY COOP	\$244	\$194	\$438
VA	190250	SHENANDOAH TEL CO	\$185	\$248	\$433
VA	190253	VIRGINIA TEL CO	\$3	\$0	\$3
VA	190254	CENTEL OF VIRGINIA	\$2,232	\$3,027	\$5,259
VA	190479	GTE SOUTH INC. - VA	\$1,409	\$1,365	\$2,774
VA	190567	UNITED INTER-MT-VA	\$5,540	\$6,500	\$12,040
VA	193029	NEW CASTLE TEL. CO.	\$23	\$53	\$76
VA	195040	C & P TEL CO OF VA	\$94,282	\$138,142	\$232,424
VA	21	Study Area Total	\$109,904	\$157,241	\$267,145
WA	522400	UTC OF THE NW-WA	\$4,212	\$4,213	\$8,425
WA	522408	TEL UTIL OF WA INC	\$4,725	\$6,030	\$10,755
WA	522430	MCDANIEL TEL CO	\$125	\$135	\$260
WA	522431	MASHELL TEL CO INC	\$79	\$131	\$210
WA	522436	PENINSULA TELECOMM	\$1,136	\$978	\$2,114
WA	522437	PIONEER TEL CO	\$0	\$7	\$7
WA	522446	TENINO TELEPHONE CO	\$43	\$77	\$120
WA	522449	CONTEL NW DBA GTE-WA	\$3,291	\$5,311	\$8,602
WA	522451	WESTERN WAHKTAKUM	\$0	\$2	\$2
WA	522452	WHIDBEY TEL CO.	\$135	\$169	\$304
WA	522453	YELM TELEPHONE CO	\$339	\$534	\$873
WA	525161	PACIFIC NW BELL-WA	\$225,496	\$210,988	\$436,484
WA	23	Study Area Total	\$239,581	\$228,575	\$468,156
WV	200270	MOUNTAIN STATE TEL	\$174	\$260	\$434
WV	200278	CONTEL WV DBA GTE WV	\$639	\$352	\$991
WV	200479	GTE SOUTH INC. - WV	\$427	\$978	\$1,405
WV	205050	C & P TEL CO OF WV	\$3,721	\$3,723	\$7,444
WV	10	Study Area Total	\$4,961	\$5,313	\$10,274

LINK-UP LIFELINE CONNECTION ASSISTANCE

ST	SA Code	SA Name	Actual Jan 91 - Jun 91	Actual Jul 91 - Dec 91	Total
WI	330886	GTE NORTH INC. - WI	\$11,918	\$10,515	\$22,433
WI	335220	WISCONSIN BELL	\$270,770	\$288,555	\$559,325
WI	95	Study Area Total	\$282,688	\$299,070	\$581,758
WY	511595	UTC OF THE WEST-WY	\$106	\$68	\$174
WY	515108	MOUNTAIN BELL-WY	\$763	\$928	\$1,691
WY	11	Study Area Total	\$869	\$996	\$1,865
		Industry Total	\$6,556,946	\$7,141,566	\$13,698,512

TABLE 2.7

Customer Lines Where Lifeline and Link-up America
Programs Have Been Certified

June 30, 1991

State	Customer Lines Where Link-up is Available	Customer Lines Where Lifeline is Available	Total Customer Lines
ALABAMA	1,777,868	0	1,873,454
ALASKA	0	0	286,494
ARIZONA	1,771,679	1,861,132	1,877,623
ARKANSAS	1,010,395	722,356	1,061,032
CALIFORNIA	0	17,263,919	17,263,919
COLORADO	1,858,920	1,866,776	1,895,871
CONNECTICUT	1,822,803	0	1,838,666
DELAWARE	0	0	392,400
DISTRICT OF COL	809,666	809,666	809,666
FLORIDA	7,560,393	0	7,598,124
GEORGIA	2,909,698	2,693,767	3,233,879
HAWAII	601,320	601,320	601,320
IDAHO	458,869	477,352	477,915
ILLINOIS	6,289,794	6,307,264	6,359,779
INDIANA	2,591,804	0	2,684,066
IOWA	1,241,218	0	1,358,369
KANSAS	1,173,497	0	1,263,619
KENTUCKY	1,614,364	0	1,626,894
LOUISIANA	1,885,830	0	1,939,435
MAINE	642,329	660,990	660,990
MARYLAND	2,760,091	2,760,091	2,764,850
MASSACHUSETTS	3,461,836	3,461,836	3,465,183
MICHIGAN	4,817,782	4,819,231	4,863,544
MINNESOTA	2,029,812	2,254,305	2,254,305
MISSISSIPPI	974,012	964,598	1,029,966
MISSOURI	2,533,584	2,284,028	2,600,919
MONTANA	331,321	334,614	398,699
NEBRASKA	736,641	0	818,543
NEVADA	713,772	711,578	734,711
NEW HAMPSHIRE	580,653	0	613,778
NEW JERSEY	4,934,582	0	4,941,578
NEW MEXICO	664,210	625,894	688,632
NEW YORK	10,097,511	10,324,126	10,340,998
NORTH CAROLINA	3,136,004	3,310,714	3,310,714
NORTH DAKOTA	297,014	268,744	337,782

Customer Lines Where Lifeline and Link-up America
Programs Have Been Certified

June 30, 1991

State	Customer Lines Where Link-up is Available	Customer Lines Where Lifeline is Available	Total Customer Lines
OHIO	5,268,114	5,277,618	5,365,927
OKLAHOMA	1,434,210	0	1,547,285
OREGON	1,424,909	1,437,325	1,439,249
PENNSYLVANIA	6,249,180	0	6,431,128
PUERTO RICO	819,107	0	925,491
RHODE ISLAND	524,555	524,555	524,555
SOUTH CAROLINA	1,496,124	0	1,595,676
SOUTH DAKOTA	246,296	246,296	319,156
TENNESSEE	2,399,190	0	2,456,058
TEXAS	8,207,373	8,404,678	8,424,261
UTAH	721,409	736,404	750,511
VERMONT	305,220	315,336	315,336
VIRGIN ISLANDS	0	0	47,999
VIRGINIA	3,293,020	3,296,063	3,303,785
WASHINGTON	2,103,860	2,602,157	2,602,157
WEST VIRGINIA	782,843	788,986	795,605
WISCONSIN	2,082,118	1,709,275	2,549,856
WYOMING	222,181	0	234,711
Subset 1 Total:	88,214,546	74,001,165	102,026,747
Subset 2 Total:	22,152,725	15,443,652	27,946,868
Subset 3 Total:	1,301,710	1,278,177	3,922,848
National Total:	111,668,981	90,722,994	133,896,463

- 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, 1991.

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,¹ 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 3.1.²

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

-
- 1 Of this amount, approximately 25 percent is a direct allocation by the transitional subscriber plant factor, and approximately 2 percent is covered by the universal service fund.
 - 2 Of course, the percentages shown in the table are in addition to the basic allocation of NTS costs to the interstate jurisdiction.

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.³ Each year NECA collects NIS 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. On September 3, 1991, NECA reported new data for 1990. State totals based on that report, covering cost data for 1990, are presented in Table 3.2. This table shows unseparated NIS costs (Revenue Requirement), the number of loops, and costs per loop. It also shows the universal service fund calculation for 1992, using 1990 data, based on the current 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 1992 is the seventh year of this transition, the annual USF payment for 1992 will be 7/8 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. Corresponding data for individual company study areas can be found in the January 1992 Monitoring Report.

Table 3.3 shows the actual payments that have been made through the USF since its inception. The first column indicates the year in which the NIS costs were incurred. The second column indicates the year in which the USF payments were made. The third column indicates the amount of those payments, based on the product of the transition factor shown in the fourth column and the full amounts (calculated from the formulas in Table 3.1) shown in the fifth column. Any deviations in the USF amounts shown in Table 3.3 from amounts previously reported (including the amounts shown in Table 3.2) are due to subsequent cost revisions after the initial filing.

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.

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 (Used in 1986 and 1987)

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

Old Formula, Study Areas with 50,000 Loops or Less (Used in 1986 and 1987)

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

New Formula, Study Areas with Over 200,000 Loops (Used since 1988)

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 (Used since 1988)

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

TABLE 3.2

National Exchange Carrier Association
Universal Service Fund
State Summary
Data for 1990

STATE	UNSEPARATED NTS REVENUE REQUIREMENT	NUMBER OF LOOPS	UNSEPARATED NTS REVENUE REQUIREMENT PER LOOP	UNIVERSAL SERVICE FUND FOR 1992 AT 7/8 TRANSITION	PERCENT OF TOTAL
ALABAMA	\$526,783,090	1,868,855	\$281.87	\$22,147,398	3.77%
ALASKA	\$111,336,479	288,437	\$386.00	\$27,095,562	4.61%
ARIZONA	\$488,893,726	1,928,450	\$253.52	\$15,074,603	2.56%
ARKANSAS	\$331,653,695	1,032,849	\$321.11	\$24,026,040	4.09%
CALIFORNIA	\$3,568,658,658	17,711,274	\$201.49	\$35,386,545	6.02%
COLORADO	\$380,714,823	1,942,861	\$195.96	\$2,588,090	0.44%
CONNECTICUT	\$391,037,671	1,863,314	\$209.86	\$0	0.00%
DELAWARE	\$76,530,274	409,666	\$186.81	\$0	0.00%
DISTRICT OF COLUMBIA	\$64,613,095	832,391	\$77.62	\$0	0.00%
FLORIDA	\$2,240,685,160	7,675,494	\$291.93	\$28,431,488	4.84%
GEORGIA	\$1,025,770,287	3,320,462	\$308.92	\$28,273,984	4.81%
HAWAII	\$117,011,856	599,569	\$195.16	\$0	0.00%
IDAHO	\$130,674,269	474,091	\$275.63	\$10,729,895	1.83%
ILLINOIS	\$987,093,571	6,393,546	\$154.39	\$4,234,887	0.72%
INDIANA	\$609,261,325	2,684,148	\$226.98	\$5,046,487	0.86%
IOWA	\$257,666,710	1,363,690	\$188.95	\$3,184,181	0.54%
KANSAS	\$319,582,527	1,274,022	\$250.85	\$17,437,883	2.97%
KENTUCKY	\$457,086,711	1,596,094	\$286.38	\$8,458,475	1.44%
LOUISIANA	\$624,633,372	1,953,044	\$319.83	\$22,067,391	3.75%
MAINE	\$189,977,098	661,255	\$287.30	\$3,867,807	0.66%
MARYLAND	\$532,264,349	2,820,609	\$188.71	\$0	0.00%
MASSACHUSETTS	\$576,191,208	3,605,421	\$159.81	\$0	0.00%
MICHIGAN	\$1,044,531,615	4,863,008	\$214.79	\$5,877,553	1.00%
MINNESOTA	\$490,150,534	2,339,644	\$209.50	\$5,806,001	0.99%
MISSISSIPPI	\$356,319,066	1,030,807	\$345.67	\$11,731,861	2.00%
MISSOURI	\$562,446,585	2,594,935	\$216.75	\$38,209,561	6.50%
MONTANA	\$118,547,654	394,823	\$300.26	\$7,782,051	1.32%
NEBRASKA	\$168,414,213	841,817	\$200.06	\$4,203,414	0.71%
NEVADA	\$138,222,744	740,672	\$186.62	\$2,607,824	0.44%
NEW HAMPSHIRE	\$196,616,649	624,413	\$314.88	\$3,606,238	0.61%
NEW JERSEY	\$851,696,019	4,976,963	\$171.13	\$2,341,153	0.40%
NEW MEXICO	\$189,116,468	695,088	\$272.08	\$15,609,955	2.66%
NEW YORK	\$2,668,697,363	10,566,793	\$252.56	\$6,532,016	1.11%
NORTH CAROLINA	\$923,361,524	3,371,192	\$273.90	\$16,882,620	2.87%
NORTH DAKOTA	\$94,219,622	349,717	\$269.42	\$3,674,359	0.62%
OHIO	\$1,160,790,476	5,409,573	\$214.58	\$2,124,354	0.36%
OKLAHOMA	\$422,053,315	1,549,258	\$272.42	\$23,372,422	3.98%
OREGON	\$392,162,492	1,567,735	\$250.15	\$11,329,284	1.93%
PENNSYLVANIA	\$1,223,483,912	6,587,087	\$185.74	\$2,160,201	0.37%
PUERTO RICO	\$265,590,727	937,698	\$283.24	\$8,091,413	1.38%
RHODE ISLAND	\$103,058,086	542,666	\$189.91	\$0	0.00%
SOUTH CAROLINA	\$548,805,195	1,620,180	\$338.73	\$20,517,039	3.49%
SOUTH DAKOTA	\$87,053,598	335,310	\$259.62	\$2,543,168	0.43%
TENNESSEE	\$636,710,209	2,496,319	\$255.06	\$3,889,774	0.66%
TEXAS	\$2,266,240,146	8,699,577	\$260.50	\$75,020,188	12.76%
UTAH	\$142,368,084	765,788	\$185.91	\$2,327,572	0.40%
VERMONT	\$109,614,646	317,437	\$345.31	\$4,390,564	0.75%
VIRGIN ISLANDS	\$29,820,821	46,304	\$644.02	\$11,166,685	1.90%
VIRGINIA	\$789,583,179	3,354,472	\$235.38	\$3,370,269	0.57%
WASHINGTON	\$585,452,349	2,686,182	\$217.95	\$13,012,834	2.21%
WEST VIRGINIA	\$278,237,828	792,832	\$350.94	\$16,194,273	2.75%
WISCONSIN	\$539,900,914	2,550,204	\$211.71	\$2,833,192	0.48%
WYOMING	\$79,409,871	236,881	\$335.23	\$2,644,724	0.45%
INDUSTRY TOTAL	\$31,470,795,858	136,184,917	\$231.09	\$587,903,278	100.00%

TOTAL NUMBER OF STUDY AREAS: 1442

Table 3.3

Universal Service Fund History

<u>Data Year</u>	<u>Payment Year</u>	<u>Actual Payments</u>	<u>Transition Factor</u>	<u>Projected Payments At Full Transition</u>
1984	1986	\$ 55,626,903	1/8	\$ 445,015,224
1985	1987	125,691,874	1/4	502,767,496
1986	1988	183,268,189	3/8	488,715,171
1987	1989	264,553,840	1/2	529,107,680
1988	1990	339,104,614	5/8	542,567,382
1989	1991	477,724,768	3/4	636,966,357
1990	1992	594,509,972*	7/8	679,439,968

* Projected, based on current payments.

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.

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 1990 through April 1992. 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.¹ 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. These are summarized in Table 4.4 on quarterly basis.

Table 4.5 is a summary table derived from the data for the total industry. It gives annual growth rates for 1988 through 1990 for loops, state and interstate toll messages, and local, state, interstate, and total DEM and SLU minutes.²

The NECA compilation of data provided by cost companies appears in Tables 4.6 through 4.16. These tables provide annual data for 1987 through 1990, and annual percentage changes for 1988 through 1990. Similar data for 1980 through 1986 appear in the January 1992 Monitoring Report. Some data may be subject to future revisions.³ Any such revisions will be reported in the next monitoring report. The companies in these tables are listed in alphabetical order by state, and by company name within a state. The data in

-
- 1 Tier 1 carrier is a local exchange carrier that has \$100 million or more annually in revenue from regulated telecommunications for five consecutive years. A study area is a company's operations in one state.
 - 2 These are derived from Tables 4.6 through 4.16.
 - 3 Many of the cases with unusually large percentage changes are likely candidates for such revisions.

these tables are revised and supersede the usage data in previous reports. The only revisions in the data since the January monitoring report are for a few non-Tier 1 companies. The percentage changes were not included in the January report.

Tables 4.6 through 4.16 show data for all cost companies. Table 4.6 gives the number of loops. Table 4.7 presents state toll messages. ⁴ Table 4.8 shows interstate toll messages. Local dial equipment minutes data are in Table 4.9, state toll dial equipment minutes data are in Tables 4.10, interstate toll dial equipment minutes data are in Table 4.11, and total dial equipment minutes data are in Table 4.12. Tables 4.13 through 4.16 give comparable data for subscriber line usage minutes. Table 4.17 presents SPF factors for each year plus projections for 1991 and 1992 based on the transition formula, Table 4.18 presents SLU factors, Table 4.19 presents DEM factors, and Table 4.20 presents weighted DEM factors.

NECA has provided the following descriptions of the minutes of use measures:

Subscriber Line Usage (SLU) represents minutes of use (MOU) over jointly used subscriber lines in a study area. SLU is defined in the FCC rules, Part 36, paragraph 154(e). It is composed of all exchange, MIS MOU, and only originating 800 and terminating out-WATS MOU. SLU represents exchange, local exchange carrier (LEC) intra-LATA and corridor toll MOU, and feature groups A,B,C, and D MOU. Terminating 800 and originating out-WATS MOU are excluded. SLU also includes MOU on directly terminated toll stations or similar facilities.

Dial Equipment Minutes (DEM) represent all switched holding time minutes in a local dial office. DEM is defined in the FCC rules, Part 36, paragraph 125(b). It is composed of all originating and terminating exchange, MIS, 800, and out-WATS MOU. DEM represents exchange, LEC intra-LATA and corridor toll, and feature group A,B,C, and D MOU. (Please note that due to its unique switching arrangements, feature group A in DEM includes both serving office and end office MOU.) DEM does not include MOU in directly terminated toll stations or similar facilities, because they do not use local dial office facilities.

Premium CCL access MOU consist of feature groups A and B traffic originating from or terminating at offices converted to equal access, plus all feature groups C and D, and interstate intraLATA MOU.

Non-premium CCL access MOU consist of feature groups A and B traffic originating from or terminating at offices not converted to equal access.

4 Message counts are for all switched calls, including WATS and 800 service. Toll calls carried by both local exchange carriers and interexchange carriers are included.

Access MOU (both premium and non-premium) are "earned MOU" which are derived by dividing the premium or non-premium earned revenues by the corresponding rate. This definition of access minutes is in agreement with the 1990 TRP and ARMIS reports. Access minutes of use generating revenues have been discounted, which can produce distortions in revenue amounts. Further, revenues are normalized to include changes in terminating/originating and percent interstate use factors, billing adjustments, and the imputations of access charges (where applicable). Revenues are also calendarized, which will change derived minutes.

TABLE 4.1

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS
REPORTED AS OF JUNE, 1992

HISTORICAL CARRIER COMMON LINE MINUTES OF USE

PERIOD	TOTAL COMMON LINE (MOU REPORTED IN MILLIONS)		PREMIUM CCL MOUS		NON PREMIUM CCL MOUS		TOTAL
	ORIGINATING	TERMINATING	ORIGINATING	TERMINATING	ORIGINATING	TERMINATING	
JAN 90	11,302.142	13,449.908	24,752.050	163.895	455.185	619.080	
FEB 90	10,367.582	12,510.874	22,878.456	152.109	436.807	588.916	
MAR 90	11,357.314	13,860.673	25,217.987	158.580	477.777	636.358	
APR 90	10,992.245	13,338.934	24,331.179	159.567	444.132	603.699	
MAY 90	11,375.240	13,837.678	25,212.918	151.107	445.344	596.451	
JUN 90	11,017.818	13,341.925	24,359.743	162.205	449.655	611.860	
JUL 90	11,362.524	13,888.486	25,251.011	159.287	442.758	602.045	
AUG 90	11,702.934	14,560.659	26,263.594	173.425	432.059	605.484	
SEP 90	10,893.013	13,592.096	24,485.109	157.448	416.255	573.703	
OCT 90	11,702.521	14,602.453	26,304.973	159.112	414.355	573.467	
NOV 90	11,244.752	14,011.247	25,256.000	151.957	392.709	544.666	
DEC 90	11,909.381	14,152.530	26,061.911	142.027	361.524	503.551	
JAN 91	11,835.112	14,574.841	26,409.953	141.599	363.055	504.654	
FEB 91	10,695.869	13,828.704	24,524.573	137.760	347.985	485.745	
MAR 91	11,825.591	14,981.738	26,807.329	145.250	359.930	505.180	
APR 91	11,758.007	14,974.681	26,732.688	136.855	363.159	500.014	
MAY 91	11,777.333	15,061.972	26,839.305	130.950	373.209	504.159	
JUN 91	11,778.888	14,753.212	26,532.100	132.408	357.580	489.988	
JUL 91	12,356.299	15,363.625	27,719.924	146.937	349.052	495.989	
AUG 91	11,968.413	15,217.922	27,186.335	141.113	334.770	475.883	
SEP 91	11,761.916	14,867.258	26,629.174	142.250	316.361	458.611	
OCT 91	12,390.419	15,997.319	28,387.738	142.458	327.373	469.831	
NOV 91	11,810.887	15,092.487	26,903.374	133.550	323.731	457.282	
DEC 91	12,137.537	15,463.136	27,600.673	125.057	335.714	461.367	
JAN 92	12,295.774	15,848.100	28,143.874	125.057	287.629	412.686	
FEB 92	11,479.407	15,208.286	26,687.693	120.104	277.590	397.694	
MAR 92	12,496.735	16,642.456	29,139.192	120.409	275.419	395.828	
APR 92	12,090.499	16,075.994	28,166.493	117.171	273.503	390.674	

TABLE 4.2

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS
REPORTED AS OF JUNE, 1992

HISTORICAL CARRIER COMMON LINE MINUTES OF USE

TIER 1 PERIOD	(MOU REPORTED IN MILLIONS)		PREMIUM CCL MOUS		NON PREMIUM CCL MOUS		TOTAL
	ORIGINATING	TERMINATING	ORIGINATING	TERMINATING	ORIGINATING	TERMINATING	
JAN 90	10,552.049	12,783.103	23,335.152	113.698	348.948	462.647	
FEB 90	9,657.462	11,870.971	21,528.433	101.864	324.236	426.100	
MAR 90	10,628.946	13,202.909	23,831.855	106.880	357.067	463.946	
APR 90	10,252.886	12,664.513	22,917.399	105.456	326.221	431.678	
MAY 90	10,631.517	13,155.447	23,786.964	100.910	329.580	430.489	
JUN 90	10,268.139	12,657.959	22,926.098	101.544	315.425	416.969	
JUL 90	10,623.437	13,114.555	23,737.992	102.640	293.709	396.349	
AUG 90	10,952.506	13,771.869	24,724.375	104.875	272.315	377.190	
SEP 90	10,179.261	12,833.301	23,012.561	91.289	247.948	339.237	
OCT 90	10,988.185	13,840.438	24,828.622	91.604	247.332	338.936	
NOV 90	10,538.516	13,250.933	23,789.449	85.425	226.711	312.136	
DEC 90	11,184.394	13,396.357	24,580.751	74.947	197.939	272.886	
JAN 91	11,111.331	13,770.868	24,882.198	77.362	198.227	275.589	
FEB 91	10,018.093	13,047.878	23,065.971	71.453	183.983	255.435	
MAR 91	11,138.853	14,205.294	25,344.147	75.253	191.914	267.167	
APR 91	11,045.260	14,162.628	25,207.888	69.984	190.538	260.522	
MAY 91	11,052.879	14,240.344	25,293.223	67.886	199.888	267.774	
JUN 91	11,061.718	13,948.724	25,010.442	66.289	181.990	248.278	
JUL 91	11,585.017	14,497.855	26,082.872	60.989	185.542	246.532	
AUG 91	11,207.536	14,346.644	25,554.180	55.492	176.620	232.112	
SEP 91	11,010.689	14,010.103	25,020.791	53.304	154.721	208.025	
OCT 91	11,639.436	15,133.833	26,773.269	60.135	170.394	230.529	
NOV 91	11,050.683	14,230.168	25,280.851	55.653	173.874	229.527	
DEC 91	11,372.233	14,592.210	25,964.443	45.365	185.491	230.857	
JAN 92	11,542.529	14,971.216	26,513.745	49.373	148.156	197.529	
FEB 92	10,737.448	14,341.153	25,078.601	45.261	137.927	183.188	
MAR 92	11,742.035	15,760.638	27,502.673	47.122	139.218	186.340	
APR 92	11,326.026	15,178.449	26,504.475	44.881	134.526	179.407	

TABLE 4.3

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.

SUPPLEMENTAL REPORT OF COMMON LINE POOL RESULTS
REPORTED AS OF JUNE, 1992

HISTORICAL CARRIER COMMON LINE MINUTES OF USE

NON-TIER 1

(MOU REPORTED IN MILLIONS)

PERIOD	PREMIUM CCL MOUS		NON PREMIUM CCL MOUS		TOTAL
	ORIGINATING	TERMINATING	ORIGINATING	TERMINATING	
JAN 90	750.093	666.805	50.197	106.237	156.434
FEB 90	710.120	639.903	50.245	112.571	162.816
MAR 90	728.368	657.765	51.701	120.711	172.411
APR 90	739.358	674.421	54.111	117.911	172.022
MAY 90	743.723	682.231	50.197	115.764	165.962
JUN 90	749.679	683.966	60.661	134.230	194.891
JUL 90	739.087	773.931	56.647	149.049	205.697
AUG 90	750.429	788.791	68.550	159.744	228.295
SEP 90	713.752	758.795	66.159	168.307	234.466
OCT 90	714.336	762.015	67.509	167.023	234.532
NOV 90	706.237	760.314	66.532	165.998	232.530
DEC 90	724.987	756.173	67.080	163.584	230.665
JAN 91	723.782	803.973	64.237	164.828	229.065
FEB 91	677.776	780.825	66.307	164.003	230.310
MAR 91	686.738	776.444	69.997	168.016	238.013
APR 91	712.747	812.053	66.871	172.621	239.492
MAY 91	724.454	821.628	63.064	173.321	236.385
JUN 91	717.170	804.488	66.119	175.590	241.710
JUL 91	771.282	865.769	85.948	163.510	249.458
AUG 91	760.877	871.278	85.620	158.150	243.770
SEP 91	751.227	857.156	88.946	161.640	250.586
OCT 91	750.982	863.486	82.323	156.979	239.302
NOV 91	760.204	862.319	77.897	149.858	227.754
DEC 91	765.304	870.926	80.288	150.223	230.510
JAN 92	753.245	876.884	75.684	139.473	215.157
FEB 92	741.959	867.132	74.842	139.663	214.506
MAR 92	754.700	881.819	73.287	136.201	209.488
APR 92	764.473	897.545	72.290	138.977	211.268

TABLE 4.4

**INTERSTATE SWITCHED ACCESS MINUTES
(FIGURES SHOWN IN BILLIONS)**

	PREMIUM MINUTES	NON-PREMIUM MINUTES	TOTAL MINUTES
1984 THIRD QUARTER	32.0	5.5	37.5
FOURTH QUARTER	33.6	6.0	39.6
1985 FIRST QUARTER	32.9	6.6	39.6
SECOND QUARTER	34.9	6.6	41.5
THIRD QUARTER	36.6	6.2	42.8
FOURTH QUARTER	38.0	5.3	43.3
1986 FIRST QUARTER	38.8	4.3	43.0
SECOND QUARTER	41.0	3.8	44.8
THIRD QUARTER	43.2	3.5	46.7
FOURTH QUARTER	45.5	3.0	48.5
1987 FIRST QUARTER	48.0	3.2	51.2
SECOND QUARTER	49.3	3.1	52.5
THIRD QUARTER	52.1	2.9	55.0
FOURTH QUARTER	54.4	2.6	57.0
1988 FIRST QUARTER	56.6	2.4	59.0
SECOND QUARTER	57.3	2.3	59.6
THIRD QUARTER	59.8	2.3	62.1
FOURTH QUARTER	61.8	2.2	64.0
1989 FIRST QUARTER	64.1	2.1	66.2
SECOND QUARTER	66.5	2.0	68.5
THIRD QUARTER	67.7	2.0	69.7
FOURTH QUARTER	70.7	1.9	72.6
1990 FIRST QUARTER	72.8	1.8	74.7
SECOND QUARTER	73.9	1.8	75.7
THIRD QUARTER	76.0	1.8	77.8
FOURTH QUARTER	77.6	1.6	79.2
1991 FIRST QUARTER	77.7	1.5	79.2
SECOND QUARTER	80.1	1.5	81.6
THIRD QUARTER	81.5	1.4	82.9
FOURTH QUARTER	82.8	1.4	84.2
1992 FIRST QUARTER	84.0	1.2	85.2
INCREASE OVER PRIOR YEAR:			
1986	18.3%	-41.0%	9.5%
1987	21.0%	-18.8%	17.8%
1988	15.5%	-22.5%	13.4%
1989	14.3%	-13.0%	13.3%
1990	11.6%	-11.8%	11.0%
1991	7.2%	-17.7%	6.7%

Table 4.5

Average Growth Rates for the Total Industry

	<u>1988</u>	<u>1989</u>	<u>1990</u>
Loops	3.7%	2.6%	3.5%
State Toll Messages	8.1%	7.0%	13.5%
Interstate Messages	12.6%	9.9%	11.3%
Local Dial Equipment Minutes	4.8%	1.9%	1.3%
State Dial Equipment Minutes	5.9%	7.0%	4.6%
Interstate Dial Equipment Minutes	8.6%	7.0%	2.4%
Total Dial Equipment Minutes	5.5%	3.2%	2.0%
Local Subscriber Line Usage Minutes	4.8%	1.8%	1.4%
State Subscriber Line Usage Minutes	8.1%	7.2%	5.3%
Interstate Subscriber Line Usage Minutes	12.8%	8.3%	4.3%
Total Subscriber Line Usage Minutes	6.1%	3.2%	2.2%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	111,752	115,439	120,229	122,583	3.30%	4.15%	1.96%
255181	SO CENTRAL BELL-AL	1,343,150	1,420,487	1,456,213	1,510,165	5.76%	2.52%	3.70%
452302	CONTEL CALIF - AZ	4,818	5,033	5,290	5,714	4.46%	5.11%	8.02%
455101	MOUNTAIN BELL - AZ	1,611,957	1,680,537	1,755,743	1,823,175	4.25%	4.48%	3.84%
401730	CONTEL OF ARKANSAS	15,279	64,499	64,842	68,451	322.14%	0.53%	5.57%
402080	GTE SOUTHWEST INC-AR	59,105	61,987	64,552	71,852	4.88%	4.14%	11.31%
405211	SOUTHWESTERN BELL-AR	672,006	677,823	702,622	720,519	0.87%	3.66%	2.55%
542302	CONTEL OF CALIFORNIA	242,769	247,680	273,551	285,816	2.02%	10.45%	4.48%
542319	GTC OF CALIFORNIA	2,883,282	3,032,722	3,185,103	3,393,105	5.18%	5.02%	6.53%
545170	PACIFIC BELL	12,063,536	12,659,151	13,237,830	13,806,525	4.94%	4.57%	4.30%
542344	WEST COAST TEL OF CA	8,841	8,871	10,144	11,115	0.34%	14.35%	9.57%
465102	MOUNTAIN BELL-CO	1,681,840	1,723,118	1,782,198	1,906,658	2.45%	3.43%	6.98%
135200	SOUTHERN NEW ENGLAND	1,736,015	1,800,875	1,808,862	1,847,212	3.74%	0.44%	2.12%
575020	C & P TEL CO OF WASH	776,011	792,735	816,235	832,391	2.16%	2.96%	1.98%
565010	DIAMOND STATE TEL	368,747	379,900	397,689	409,666	3.02%	4.68%	3.01%
210340	CENTEL OF FLORIDA	222,622	239,795	245,726	274,659	7.71%	2.47%	11.77%
210328	GTE FLORIDA INC.	1,495,957	1,576,779	1,645,272	1,701,372	5.40%	4.34%	3.41%
215191	SOUTHERN BELL-FL	3,904,478	4,126,291	4,392,785	4,537,277	5.68%	6.46%	3.29%
210341	UTC OF FLORIDA	851,230	922,832	991,922	1,046,367	8.41%	7.49%	5.49%
220479	GTE SOUTH INC.- GA	181,817	191,453	198,070	204,513	5.30%	3.46%	3.25%
225192	SOUTHERN BELL-GA	2,428,057	2,559,501	2,687,971	2,789,311	5.41%	5.02%	3.77%
623100	GTE HAWAIIAN TEL. CO	503,271	544,748	575,699	599,569	8.24%	5.68%	4.15%
472416	GTE NORTHWEST INC-ID	63,636	66,638	70,252	72,977	4.72%	5.42%	3.88%
475103	MOUNTAIN BELL-ID	312,454	323,016	329,276	342,324	3.38%	1.94%	3.96%
475162	PACIFIC NW BELL-ID	21,756	23,113	23,660	24,169	6.24%	2.37%	2.15%
340985	CENTEL OF ILLINOIS	164,348	169,498	173,883	176,911	3.13%	2.59%	1.74%
341015	GTE NORTH INC. - IL	520,155	542,576	542,481	547,304	4.31%	-0.02%	0.89%
345070	ILLINOIS BELL TEL CO	4,857,013	4,992,857	5,160,421	5,306,250	2.80%	3.36%	2.83%
320772	GTE NORTH INC. - IN	562,939	545,380	566,097	577,836	-3.12%	3.80%	2.07%
325080	INDIANA BELL TEL CO	1,474,992	1,532,276	1,595,497	1,653,055	3.88%	4.13%	3.61%
320832	UTC OF INDIANA	167,095	174,215	183,398	188,589	4.26%	5.27%	2.83%
351207	CONTEL IA DBA GTE IA	128,092	132,134	69,988	71,357	3.16%	-47.03%	1.96%
351186	GTE NORTH INC. - IA	102,739	103,503	109,093	110,534	0.74%	5.40%	1.32%
355141	NORTHWESTERN BELL-IA	849,568	870,462	883,257	900,008	2.46%	1.47%	1.90%
415214	SOUTHWESTERN BELL-KS	988,901	999,442	1,031,761	1,061,176	1.07%	3.23%	2.85%
411842	UTC OF KANSAS	62,991	64,927	66,744	66,722	3.07%	2.80%	-0.03%
265061	CINCINNATI BELL-KY	128,716	134,577	139,965	145,043	4.55%	4.00%	3.63%
260407	GTE SOUTH INC. - KY	291,176	299,861	306,773	318,820	2.98%	2.31%	3.93%
265182	SO CENTRAL BELL-KY	863,026	890,771	911,262	930,937	3.21%	2.30%	2.16%
275183	SO CENTRAL BELL-LA	1,717,589	1,747,249	1,771,711	1,823,457	1.73%	1.40%	2.92%
105111	NEW ENGLAND TEL-ME	502,556	527,225	548,815	561,824	4.91%	4.10%	2.37%
185030	C & P TEL CO OF MD	2,522,006	2,611,062	2,720,871	2,815,958	3.53%	4.21%	3.49%
115112	NEW ENGLAND TEL-MA	3,299,938	3,436,292	3,523,985	3,602,087	4.13%	2.55%	2.22%
310695	GTE NORTH INC. - MI	455,914	464,154	477,473	514,798	1.81%	2.87%	7.82%
315090	MICHIGAN BELL TEL CO	3,842,013	3,987,789	4,097,142	4,152,442	3.79%	2.74%	1.35%
361367	CENTEL OF MN	69,689	74,699	77,907	83,353	7.19%	4.29%	6.99%
361186	GTE NORTH INC. - MN	3,249	3,323	3,587	3,644	2.28%	7.94%	1.59%
365142	NORTHWESTERN BELL-MN	1,627,491	1,670,119	1,721,195	1,786,483	2.62%	3.06%	3.79%
361456	UTC OF MINNESOTA	92,925	96,902	100,558	103,893	4.28%	3.77%	3.32%
285184	SO CENTRAL BELL-MS	1,163,613	1,266,590	936,090	969,243	8.85%	-26.09%	3.54%
421186	GTE NORTH INC. - MO	98,824	90,508	89,892	92,964	-8.41%	-0.68%	3.42%
425213	SOUTHWESTERN BELL-MO	1,882,503	1,894,098	1,954,042	1,998,397	0.62%	3.16%	2.27%
421957	UTC OF MISSOURI	165,988	163,386	176,706	180,067	-1.57%	8.15%	1.90%
482416	GTE NORTHWEST INC-MT	5,959	6,149	6,595	6,245	3.19%	7.25%	-5.31%
485104	MOUNTAIN BELL-MT	289,285	293,419	299,739	312,278	1.43%	2.15%	4.18%
371186	GTE NORTH INC. - NE	41,633	42,385	43,658	44,459	1.81%	3.00%	1.83%
371568	LINCOLN TEL & TEL CO	211,496	224,786	241,564	228,776	6.28%	7.46%	-5.29%
375143	NORTHWESTERN BELL-NE	424,867	434,258	441,564	460,130	2.21%	1.68%	4.20%
371595	UTC OF THE WEST-NE	22,854	23,075	23,399	23,685	0.97%	1.40%	1.22%
552348	CENTEL OF NV	345,611	376,213	415,234	462,585	8.85%	10.37%	11.40%
552302	CONTEL OF CALIF-NV	16,765	17,576	18,664	20,138	4.84%	6.19%	7.90%
555173	NEVADA BELL	189,935	204,035	214,068	226,432	7.42%	4.92%	5.78%
125113	NEW ENGLAND TEL-NH	531,315	558,487	579,475	586,119	5.11%	3.76%	1.15%
165120	NEW JERSEY BELL	4,404,097	4,572,349	4,717,148	4,825,756	3.82%	3.17%	2.30%
160138	UNITED TEL - NJ, INC	127,333	135,362	142,384	143,995	6.31%	5.19%	1.13%
492080	GTE SOUTHWEST INC-NM	36,137	36,636	37,281	38,068	1.38%	1.76%	2.11%
495105	MOUNTAIN BELL-NM	534,300	549,498	570,870	599,776	2.84%	3.89%	5.06%
150096	CONTEL OF NY, INC	204,289	217,345	195,832	202,699	6.39%	-9.90%	3.51%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	9,050,106	9,252,023	9,254,089	9,554,670	2.23%	0.02%	3.25%
150119	RED HOOK TEL CO	10,435	11,407	12,028	12,466	9.31%	5.44%	3.64%
150121	ROCHESTER TEL CORP	423,326	437,892	449,906	461,551	3.44%	2.74%	2.59%
150136	WESTERN COUNTIES TEL	18,088	18,321	19,875	20,968	1.29%	8.48%	5.50%
230470	CAROLINA TEL & TEL	713,635	747,123	774,201	798,713	4.69%	3.62%	3.17%
230471	CENTEL OF NC	179,565	186,735	195,159	200,134	3.99%	4.51%	2.55%
230479	GTE SOUTH INC - NC	125,919	134,155	140,375	148,005	6.54%	4.64%	5.44%
235193	SOUTHERN BELL-NC	1,473,540	1,553,541	1,632,412	1,682,371	5.43%	5.08%	3.06%
385144	NORTHWESTERN BELL-ND	243,785	247,211	252,081	257,140	1.41%	1.97%	2.01%
300630	CENTEL OF OHIO	58,913	59,420	60,946	61,816	0.86%	2.57%	1.43%
305062	CINCINNATI BELL-OH	597,859	618,701	633,042	648,454	3.49%	2.32%	2.43%
300615	GTE NORTH INC. - OH	614,984	621,570	637,149	653,630	1.07%	2.51%	2.59%
305150	OHIO BELL TEL CO	3,012,953	3,136,238	3,217,265	3,284,331	4.09%	2.58%	2.08%
300661	UTC OF OHIO	411,468	429,594	443,201	453,153	4.41%	3.17%	2.25%
432080	GTE SOUTHWEST INC-OK	94,373	99,230	102,474	106,608	5.15%	3.27%	4.03%
435215	SOUTHWESTERN BELL-OK	1,228,977	1,214,589	1,243,230	1,281,387	-1.17%	2.36%	3.07%
532416	GTE NORTHWEST INC-OR	243,558	257,638	273,781	358,710	5.78%	6.27%	31.02%
535163	PACIFIC NW BELL-OR	920,938	962,041	993,770	1,015,970	4.46%	3.30%	2.23%
532400	UTC OF THE NW - OR	43,690	46,235	48,863	51,392	5.83%	5.68%	5.18%
175000	BELL OF PENNSYLVANIA	4,745,879	4,880,264	5,086,644	5,175,050	2.83%	4.23%	1.74%
170169	GTE NORTH INC. - PA	446,384	410,788	404,946	425,215	-7.97%	-1.42%	5.01%
170209	UTC OF PENNSYLVANIA	267,022	278,730	289,942	298,511	4.38%	4.02%	2.96%
633201	PUERTO RICO TEL CO	677,098	741,757	785,215	824,664	9.55%	5.86%	5.02%
585114	NEW ENGLAND TEL - RI	492,045	514,739	529,070	542,666	4.61%	2.78%	2.57%
240479	GTE SOUTH INC. - SC	122,496	129,793	134,344	136,910	5.96%	3.51%	1.91%
245194	SOUTHERN BELL-SC	961,746	1,008,315	1,055,131	1,094,738	4.84%	4.64%	3.75%
240506	UTC OF THE CAROLINAS	61,318	64,711	67,088	69,638	5.53%	3.67%	3.80%
395145	NORTHWESTERN BELL-SD	241,379	246,878	252,688	260,222	2.28%	2.35%	2.98%
290479	GTE SOUTH INC. - TN	46,585	48,457	50,379	52,335	4.02%	3.97%	3.88%
295185	SO. CENTRAL BELL -TN	1,818,572	1,885,165	1,920,035	2,026,066	3.66%	1.85%	5.52%
290567	UNITED INTER-MT-TN	157,662	161,332	171,314	177,428	2.33%	6.19%	3.57%
442114	CENTEL OF TEXAS	119,821	124,559	128,500	129,326	3.95%	3.16%	0.64%
442154	CONTEL OF TEXAS	149,497	148,020	155,216	178,577	-0.99%	4.86%	15.05%
442080	GTE SOUTHWEST INC-TX	1,006,780	1,060,811	1,122,936	1,155,365	5.37%	5.86%	2.89%
445216	SOUTHWESTERN BELL-TX	6,209,116	6,253,586	6,564,780	6,806,786	0.72%	4.98%	3.69%
442084	UTC OF TEXAS INC	95,840	99,259	101,094	105,262	3.57%	1.85%	4.12%
505107	MOUNTAIN BELL-UT	659,335	674,417	697,419	737,253	2.29%	3.41%	5.71%
145115	NEW ENGLAND TEL-VT	236,548	248,014	261,722	267,247	4.85%	5.53%	2.11%
195040	C & P TEL CO OF VA	2,310,651	2,402,558	2,499,167	2,576,771	3.98%	4.02%	3.11%
190254	CENTEL OF VIRGINIA	194,053	203,716	209,930	221,846	4.98%	3.05%	5.68%
190233	CONTEL OF VIRGINIA	305,808	329,814	350,279	359,036	7.85%	6.21%	2.50%
190479	GTE SOUTH INC. - VA	28,218	28,892	29,684	29,938	2.39%	2.74%	0.86%
190567	UNITED INTER-MT-VA	68,806	73,214	79,992	82,398	6.41%	9.26%	3.01%
522416	GTE NORTHWEST INC-WA	455,050	460,264	491,390	533,279	1.15%	6.76%	8.52%
525161	PACIFIC NW BELL-WA	1,694,212	1,739,290	1,820,485	1,904,570	2.66%	4.67%	4.62%
522400	UTC OF THE NW-WA	46,425	49,227	51,518	54,569	6.04%	4.65%	5.92%
205050	C & P TEL CO OF WV	643,843	653,816	661,167	674,760	1.55%	1.12%	2.06%
200479	GTE SOUTH INC. - WV	60,761	62,610	63,497	64,546	3.04%	1.42%	1.65%
330886	GTE NORTH INC. - WI	338,944	334,955	332,861	362,729	-1.18%	-0.63%	8.97%
335220	WISCONSIN BELL	1,566,386	1,617,119	1,666,605	1,728,611	3.24%	3.06%	3.72%
515108	MOUNTAIN BELL-WY	208,675	212,012	212,624	218,744	1.60%	0.29%	2.88%
511595	UTC OF THE WEST-WY	5,633	5,780	5,872	6,013	2.61%	1.59%	2.40%
TIER 1 COST COMPANIES		115,465,011	119,608,997	123,367,186	127,664,316	3.59%	3.14%	3.48%
250302	ALLTEL ALABAMA	N/A	N/A	16,930	17,599	N/A	N/A	3.95%
250284	BUTLER TEL CO	3,147	3,165	3,611	3,584	0.57%	14.09%	-0.75%
250281	CONTEL OF THE SOUTH	72,932	75,632	79,767	84,781	3.70%	5.47%	6.29%
250297	GROVE HILL TEL CORP	1,629	1,653	1,771	1,845	1.47%	7.14%	4.18%
250298	GULF TEL CO - AL	22,107	23,497	25,100	26,815	6.29%	6.82%	6.83%
250300	HOPPER TEL. CO INC	2,593	2,635	2,693	2,740	1.62%	2.20%	1.75%
250304	MILLRY TEL CO	4,646	4,772	4,894	4,958	2.71%	2.56%	1.31%
250306	MONROEVILLE TEL CO	9,240	9,979	10,406	10,256	8.00%	4.28%	-1.44%
250314	PEOPLES TEL CO	9,446	9,908	10,486	10,576	4.89%	5.83%	0.86%
250316	RAGLAND TEL CO	961	988	1,014	1,039	2.81%	2.63%	2.47%
250318	SOUTHLAND TEL CO-AL	8,630	8,820	9,016	9,236	2.20%	2.22%	2.44%
613000	ANCHORAGE TEL UTIL	116,925	118,036	121,847	128,624	0.95%	3.23%	5.56%
613001	ARCTIC SLOPE TEL	1,226	1,262	1,371	1,588	2.94%	8.64%	15.83%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

SA CODE	COMPANY NAME	NUMBER OF LOOPS				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	924	1,045	1,155	1,356	13.10%	10.53%	17.40%
613004	BUSH-TELL INC.	525	511	572	646	-2.67%	11.94%	12.94%
613006	COPPER VALLEY TEL	2,810	2,852	3,490	3,458	1.49%	22.37%	-0.92%
613007	CORDOVA TEL COOP	1,202	1,272	1,444	1,524	5.82%	13.52%	5.54%
613008	FAIRBANKS MUNICIPAL	22,980	25,115	24,666	25,827	9.29%	-1.79%	4.71%
613010	GLACIER STATE TEL CO	27,082	28,690	29,719	32,888	5.94%	3.59%	10.66%
613009	GTE ALASKA INC.	11,214	11,989	12,395	13,158	6.91%	3.39%	6.16%
613011	INTERIOR TEL CO INC	1,992	2,272	2,541	2,850	14.06%	11.84%	12.16%
613012	JUNEAU & DOUGLAS TEL	13,442	14,471	15,589	17,594	7.66%	7.73%	12.86%
613013	KETCHIKAN PUBLIC UT	6,447	6,873	7,353	7,761	6.61%	6.98%	5.55%
613015	MATANUSKA TEL ASSOC	26,445	25,952	27,701	29,515	-1.86%	6.74%	6.55%
613016	MUKLUK TEL CO INC	606	679	671	724	12.05%	-1.18%	7.90%
613018	NUSHAGAK TEL COOP	1,256	1,280	1,405	1,482	1.91%	9.77%	5.48%
613019	UTZ TEL COOPERATIVE	1,601	1,553	1,865	2,009	-3.00%	20.09%	7.72%
613020	SITKA TELEPHONE CO	7,286	7,308	8,243	8,973	0.30%	12.79%	8.86%
613022	TEL UTIL OF ALASKA	2,145	2,339	2,333	2,548	9.04%	-0.26%	9.22%
613023	UNITED UTILITIES INC	2,850	3,163	3,306	3,389	10.98%	4.52%	2.51%
613025	YUKON TEL CO INC	356	322	316	377	-9.55%	-1.86%	19.30%
452171	ARIZONA TELEPHONE CO	1,688	1,746	1,973	2,054	3.44%	13.00%	4.11%
452172	CITIZENS UTILITIES	39,858	39,718	47,617	56,633	-0.35%	19.89%	18.93%
452177	CONTEL OF WEST-AZ	22,282	22,964	23,738	24,136	3.06%	3.37%	1.68%
452275	NAVAJO COMMUN-AZ	6,701	7,057	8,176	8,816	5.31%	15.86%	7.83%
452173	PAPAGO TRIBAL UTIL.	N/A	1,516	1,700	1,699	N/A	12.14%	-0.06%
452175	UNIVERSAL TEL OF SW	1,045	1,101	1,271	1,181	5.36%	15.44%	-7.08%
452176	VALLEY TEL COOP-AZ	1,728	1,820	1,901	1,981	5.32%	4.45%	4.21%
401691	ALLTEL ARKANSAS INC	54,735	56,827	59,100	64,254	3.82%	4.00%	8.72%
401692	ARKANSAS TEL CO	5,399	5,660	5,772	5,925	4.83%	1.98%	2.65%
401697	CENTRAL ARKANSAS TEL	1,951	2,026	2,141	2,200	3.84%	5.68%	2.76%
401705	CENTURY OF ARKANSAS	10,444	10,901	11,444	11,749	4.38%	4.98%	2.67%
401698	CLEVELAND COUNTY TEL	1,415	2,223	2,383	2,423	57.10%	7.20%	1.68%
401699	DECATUR TEL CO INC	674	923	929	942	36.94%	0.65%	1.40%
401709	MADISON COUNTY TEL	1,892	1,958	1,988	2,131	3.49%	1.53%	7.19%
401711	MOUNTAIN HOME TEL	13,268	13,910	14,442	14,855	4.84%	3.82%	2.86%
401713	NORTH ARKANSAS TEL	3,703	3,908	3,827	3,948	5.54%	-2.07%	3.16%
401717	PERCO TELEPHONE CO	N/A	N/A	2,191	3,082	N/A	N/A	40.67%
401720	REDFIELD TEL CO	1,277	1,318	1,321	1,364	3.21%	0.23%	3.26%
401702	SOUTH ARKANSAS TEL	3,140	3,261	3,279	3,366	3.85%	0.55%	2.65%
401726	TRI-COUNTY TEL CO-AR	3,699	4,325	4,656	4,911	16.92%	7.65%	5.48%
401727	UNION TEL CO INC	846	864	872	963	2.13%	0.93%	10.44%
401729	WALNUT HILL TEL CO	4,201	4,324	4,428	4,506	2.93%	2.41%	1.76%
401733	YELCOT TEL CO INC	2,399	2,609	2,545	2,576	8.75%	-2.45%	1.22%
401734	YELL COUNTY TEL CO	4,034	4,058	4,042	4,080	0.59%	-0.39%	0.94%
542304	C P NATIONAL CORP-CA	10,456	11,096	11,508	11,920	6.12%	3.71%	3.58%
542301	CALAVERAS TEL CO	1,509	1,658	1,867	2,103	9.87%	12.61%	12.64%
542311	CALIF-OREGON TEL CO	1,934	2,155	2,164	2,160	11.43%	0.42%	-0.18%
542308	CITIZENS UTIL OF CA	51,442	55,130	61,088	67,523	7.17%	10.81%	10.53%
542313	DUCOR TELEPHONE CO	530	581	591	650	9.62%	1.72%	9.98%
542315	EVANS TEL CO.	7,171	7,643	8,160	8,549	6.58%	6.76%	4.77%
542318	FORESTHILL TEL CO.	1,648	1,806	1,997	2,112	9.59%	10.58%	5.76%
542321	HAPPY VALLEY TEL CO	2,425	2,518	2,553	2,547	3.84%	1.39%	-0.24%
542322	HORNITOS TEL CO	415	407	447	449	-1.93%	9.83%	0.45%
542324	KERMAN TELEPHONE CO	3,860	4,037	4,170	4,367	4.59%	3.29%	4.72%
542346	PINNACLES TEL CO	107	117	134	159	9.35%	14.53%	18.66%
542334	ROSEVILLE TEL CO	60,197	62,604	68,769	74,050	4.00%	9.85%	7.68%
542338	SIERRA TELEPHONE CO	10,642	11,113	12,512	14,465	4.43%	12.59%	15.61%
542332	THE PONDEROSA TEL CO	5,367	5,444	5,823	6,167	1.43%	6.96%	5.91%
542339	THE SISKIYOU TEL CO	3,000	3,129	3,337	3,564	4.30%	6.65%	6.80%
542343	THE VOLCANO TEL CO	7,153	7,496	7,742	8,105	4.80%	3.28%	4.69%
542342	TUOLUMNE TEL CO	4,026	4,137	4,350	4,548	2.76%	5.15%	4.55%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	1,275	1,275	N/A	N/A	0.00%
462192	BIG SANDY TELCOMM	654	643	653	679	-1.68%	1.56%	3.98%
462181	BIJOU TEL COOP ASSOC	951	954	958	980	0.32%	0.42%	2.30%
462182	BLANCA TEL CO	463	464	519	566	0.22%	11.85%	9.06%
462204	COLUMBINE TEL CO	604	626	654	729	3.64%	4.47%	11.47%
462184	DELTA COUNTY TEL CO	5,869	5,930	6,025	6,299	1.04%	1.60%	4.55%
462185	EAGLE TELECOMMUN INC	5,089	5,232	5,758	6,404	2.81%	10.05%	11.22%
462186	EASTERN SLOPE RURAL	3,918	3,777	3,828	3,854	-3.60%	1.35%	0.68%
462187	EL PASO COUNTY TEL	1,699	1,845	1917	1,786	8.59%	3.90%	-6.83%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

SA CODE	COMPANY NAME	NUMBER OF LOOPS				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	269	280	292	291	4.09%	4.29%	-0.34%
462190	HAXTUN TEL CO	1,135	1,211	1,236	1,272	6.70%	2.06%	2.91%
462193	NUCLA-NATURITA TEL	1,020	1,047	1,055	1,064	2.65%	0.76%	0.85%
462194	NUNN TEL CO	256	261	270	279	1.95%	3.45%	3.33%
462196	PEETZ COOP TEL CO	179	182	184	194	1.68%	1.10%	5.43%
462199	PLAINS COOP TEL ASSN	1,454	1,331	1,353	1,338	-8.46%	1.65%	-1.11%
462203	RYE TELEPHONE CO	1,211	1,269	1,267	1,277	4.79%	-0.16%	0.79%
462207	STRASBURG TEL CO	848	869	868	904	2.48%	-0.12%	4.15%
461835	SUNFLOWER TEL - CO	292	292	295	303	0.00%	1.03%	2.71%
462208	UNIVERSAL TEL CO -CO	3,707	3,772	3,927	4,182	1.75%	4.11%	6.49%
462209	WIGGINS TEL ASSOC	1,089	1,096	1,103	1,119	0.64%	0.64%	1.45%
210336	ALLTEL FLORIDA INC.	43,513	46,100	49,044	51,831	5.95%	6.39%	5.68%
210291	FLORALA TEL CO	2,601	2,689	3,153	3,496	3.38%	17.26%	10.88%
210329	GULF TEL CO	6,708	7,040	7,362	7,633	4.95%	4.57%	3.68%
210331	INDIANTOWN SYSTEM	1,802	2,013	2,273	2,389	11.71%	12.92%	5.10%
210335	NORTHEAST FLORIDA	4,581	4,865	5,195	5,604	6.20%	6.78%	7.87%
210338	QUINCY TEL CO-FL DIV	7,627	8,195	8,693	8,933	7.45%	6.08%	2.76%
210318	SOUTHLAND TEL -FL	2,760	2,864	2,934	3,064	3.77%	2.44%	4.43%
210339	ST JOSEPH TEL & TEL	19,472	20,241	21,592	21,958	3.95%	6.67%	1.70%
210330	VISTA-UNITED TELCOM	6,986	9,141	12,257	10,911	30.85%	34.09%	-10.98%
220357	ALLTEL GEORGIA INC.	N/A	N/A	36,195	37,810	N/A	N/A	4.46%
220344	ALMA TEL CO	5,057	5,160	5,268	5,494	2.04%	2.09%	4.29%
220347	BRANTLEY TEL CO	2,754	2,980	3,187	3,291	8.21%	6.95%	3.26%
220351	CAMDEN TEL & TEL CO	8,918	9,862	10,942	11,977	10.59%	10.95%	9.46%
220355	CITIZENS TEL CO - GA	3,624	3,781	3,796	4,013	4.33%	0.40%	5.72%
220356	COASTAL UTILITIES	18,942	19,776	20,784	19,972	4.40%	5.10%	-3.91%
220281	CONTEL OF SOUTH - GA	57,262	59,216	60,297	62,186	3.41%	1.83%	3.13%
220358	DARIEN TEL CO	3,324	3,458	3,563	3,749	4.03%	3.04%	5.22%
220360	ELLIJAY TEL CO	6,081	6,454	6,767	7,199	6.13%	4.85%	6.38%
220371	INTERSTATE TEL CO	9,180	9,373	9,398	9,840	2.10%	0.27%	4.70%
220377	PINELAND TEL COOP	8,294	8,536	8,664	8,857	2.92%	1.50%	2.23%
220379	PLANT TEL. CO.	6,801	7,161	7,301	7,497	5.29%	1.96%	2.68%
220381	PUBLIC SERVICE TEL	7,072	7,511	7,605	8,096	6.21%	1.25%	6.46%
220338	QUINCY TEL CO-GA DIV	533	566	569	574	6.19%	0.53%	0.88%
220386	STANDARD TEL CO	30,551	33,139	38,312	40,774	8.47%	15.61%	6.43%
220392	WAVERLY HALL TEL CO	854	930	971	978	8.90%	4.41%	0.72%
220394	WILKES TEL & ELC CO	8,451	8,727	8,898	9,085	3.27%	1.96%	2.10%
472213	ALBION TEL CO INC	898	896	879	860	-0.22%	-1.90%	-2.16%
472215	CAMBRIDGE TEL CO	811	815	768	794	0.49%	-5.77%	3.39%
472225	CENTURY TEL OF IDAHO	2,303	2,407	2,522	2,611	4.52%	4.78%	3.53%
472177	CONTEL OF WEST-ID	12,075	12,774	12,996	13,655	5.79%	1.74%	5.07%
472218	CUSTER TEL COOP	1,283	1,403	1,417	1,456	9.35%	1.00%	2.75%
472223	GEM STATE UTIL-ID	816	869	901	995	6.50%	3.68%	10.43%
472423	INLAND TEL-ID	194	251	243	248	29.38%	-3.19%	2.06%
472226	MIDVALE TEL EXCH INC	268	253	259	302	-5.60%	2.37%	16.60%
472231	PROJECT MUTUAL TEL	5,833	6,089	6,206	6,589	4.39%	1.92%	6.17%
472232	ROCKLAND TEL CO INC	349	328	339	313	-6.02%	3.35%	-7.67%
472233	RURAL TEL CO - ID	223	257	222	274	15.25%	-13.62%	23.42%
472295	SILVER STAR TEL- ID	313	310	295	340	-0.96%	-4.84%	15.25%
472234	TROY TELEPHONE CO	643	633	672	661	-1.56%	6.16%	-1.64%
341000	ALLTEL ILLINOIS INC.	37,783	39,144	39,245	38,650	3.60%	0.26%	-1.52%
341036	CONTEL OF ILLINOIS	152,278	156,767	155,341	156,742	2.95%	-0.91%	0.90%
341004	EL PASO TEL CO	1,526	1,505	1,505	1,586	-1.38%	0.00%	5.38%
341023	GRIDLEY TEL CO	1,074	1,077	1,089	1,142	0.28%	1.11%	4.87%
341037	IL CONSOLIDATED TEL	71,408	71,662	72,772	73,625	0.36%	1.55%	1.17%
341038	INLAND TEL CO	3,994	4,085	4,205	4,270	2.28%	2.94%	1.55%
341045	LEAF RIVER VLY TEL	559	542	531	566	-3.04%	-2.03%	6.59%
341055	MIDLAND TEL CO	4,026	3,944	3,898	4,112	-2.04%	-1.17%	5.49%
341060	MOULTRIE INDEPENDENT	672	660	652	644	-1.79%	-1.21%	-1.23%
320753	CLAY CTY RURAL COOP	7,685	7,887	8,167	8,374	2.63%	3.55%	2.53%
320776	COMM CORP OF INDIANA	N/A	7,313	7,578	7,398	N/A	3.62%	-2.38%
320779	CONTEL OF INDIANA	129,843	133,555	138,409	142,854	2.86%	3.63%	3.21%
320797	NEW PARIS TEL INC	1,491	1,506	1,555	1,589	1.01%	3.25%	2.19%
320800	NORTHWESTERN INDIANA	7,225	7,700	8,348	8,878	6.57%	8.42%	6.35%
351346	ACE TEL ASSN-IA	3,724	3,662	3,837	3,878	-1.66%	4.78%	1.07%
351105	AYRSHIRE FARMERS MUT	388	388	349	370	0.00%	-10.05%	6.02%
351110	BERNARD TEL CO INC	467	454	460	465	-2.78%	1.32%	1.09%
351127	CENTEL OF IOWA	N/A	N/A	46,979	48,547	N/A	N/A	3.34%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	5,404	5,524	5,631	5,660	2.22%	1.94%	0.52%
351229	LOST NATION-ELWOOD	595	594	608	635	-0.17%	2.36%	4.44%
351316	UNITED FARMERS TEL	512	528	536	567	3.13%	1.52%	5.78%
351327	WEBB-DICKENS TEL	438	452	459	451	3.20%	1.55%	-1.74%
411741	ASSARIA TEL EXCHANGE	422	444	460	453	5.21%	3.60%	-1.52%
411746	BLUE VALLEY TEL CO	2,637	2,718	2,686	2,702	3.07%	-1.18%	0.60%
411818	CRAW-KAN TEL COOP	11,386	11,385	11,425	11,808	-0.01%	0.35%	3.35%
411761	CUNNINGHAM TEL CO	1,515	1,538	1,516	1,444	1.52%	-1.43%	-4.75%
411764	ELKHART TEL CO INC	1,407	1,409	1,414	1,434	0.14%	0.35%	1.41%
411781	H & B COMMUNICATIONS	950	950	936	910	0.00%	-1.47%	-2.78%
411782	HOME TEL CO	1,194	1,259	1,300	1,308	5.44%	3.26%	0.62%
411785	J. B. N. TEL CO INC	2,105	2,296	2,421	2,461	9.07%	5.44%	1.65%
411788	KANOKLA TEL ASSN-KS	2,270	2,212	2,092	2,131	-2.56%	-5.42%	1.86%
411801	MADISON TEL CO INC	747	726	727	762	-2.81%	0.14%	4.81%
411807	MOKAN DIAL INC-KS	1,883	1,942	2,025	2,110	3.13%	4.27%	4.20%
411808	MOUNDRIDGE TEL CO	2,120	2,112	2,097	2,285	-0.38%	-0.71%	8.97%
411814	PEOPLES MUTUAL TEL	996	1,012	1,089	1,094	1.61%	7.61%	0.46%
411817	PIONEER TEL ASSN INC	N/A	11,009	11,009	12,100	N/A	0.00%	9.91%
411826	RURAL TEL SERVICE CO	6,554	6,545	6,513	6,524	-0.14%	-0.49%	0.17%
411827	S & T TEL COOP ASSN	1,598	1,619	1,595	1,606	1.31%	-1.48%	0.69%
411831	S. CENTRAL TEL - KS	1,065	1,058	1,039	1,041	-0.66%	-1.80%	0.19%
411835	SUNFLOWER TEL CO	3,841	3,806	3,842	3,924	-0.91%	0.95%	2.13%
412030	TOTAH TELEPHONE CO	1,296	1,296	1,322	1,347	0.00%	2.01%	1.89%
411840	TWIN VALLEY TEL INC	2,119	2,176	2,179	2,181	2.69%	0.14%	0.09%
411841	UNITED TEL ASSN	4,492	4,545	4,781	4,772	1.18%	5.19%	-0.19%
411847	WHEAT STATE TEL, INC	1,931	1,947	1,933	1,933	0.83%	-0.72%	0.00%
411849	WILSON TEL CO INC	2,051	2,192	2,228	2,192	6.87%	1.64%	-1.62%
411852	ZENDA TEL COMPANY	228	218	220	230	-4.39%	0.92%	4.55%
260410	CONTEL OF KENTUCKY	54,017	58,942	62,146	65,190	9.12%	5.44%	4.90%
270431	CADDOAN TEL CO	7,649	7,776	7,869	7,962	1.66%	1.20%	1.18%
270425	CAMERON TEL CO - LA	5,501	5,665	5,585	5,947	2.98%	-1.41%	6.48%
270423	CENTRAL LOUISIANA	12,230	12,555	13,015	13,196	2.66%	3.66%	1.39%
270436	CENTURY NORTH LA	423,298	442,934	5,313	5,439	4.64%	-98.80%	2.37%
270440	CENTURY TEL CO	1,371	1,450	1,555	1,614	5.76%	7.24%	3.79%
270424	COASTAL TEL & ELEC	9,141	9,299	9,571	9,718	1.73%	2.93%	1.54%
270429	EAST ASCENSION TEL	19,877	20,675	21,388	22,185	4.01%	3.45%	3.73%
270430	ELIZABETH TEL CO	2,266	2,250	2,248	2,292	-0.71%	-0.09%	1.96%
270434	EVANGELINE TEL CO	24,736	25,194	26,025	26,449	1.85%	3.30%	1.63%
270433	LAFOURCHE TEL CO	10,886	11,139	11,349	11,714	2.32%	1.89%	3.22%
270442	LOUISIANA WESTERN	2,909	2,963	3,109	3,252	1.86%	4.93%	4.60%
270435	NORTHEAST LOUISIANA	814	791	790	816	-2.83%	-0.13%	3.29%
270438	RESERVE TEL CO	N/A	N/A	4,208	4,142	N/A	N/A	-1.57%
100004	CHINA TEL CORP	2,265	2,336	2,511	2,613	3.13%	7.49%	4.06%
100014	CONTEL OF MAINE	34,360	36,958	38,755	42,550	7.56%	4.86%	9.79%
100010	HAMPDEN TEL CO	2,047	2,194	2,261	2,272	7.18%	3.05%	0.49%
100011	HARTLAND & ST ALBANS	1,720	2,682	2,681	2,702	55.93%	-0.04%	0.78%
100003	LINCOLNVILLE TEL CO	1,116	1,173	1,271	1,300	5.11%	8.35%	2.28%
100024	SOMERSET TEL CO	7,790	8,747	8,811	9,373	12.28%	0.73%	6.38%
100025	STANDISH TEL CO	4,489	4,993	5,360	5,548	11.23%	7.35%	3.51%
100027	UNION RIVER TEL CO	721	939	954	1,067	30.24%	1.60%	11.84%
100029	UNITY TEL CO., INC.	2,948	3,154	3,399	3,522	6.99%	7.77%	3.62%
100031	WARREN TEL CO	1,024	1,259	1,279	1,341	22.95%	1.59%	4.85%
100034	WEST PENOBSCOT TEL	1,500	1,627	1,773	1,751	8.47%	8.97%	-1.24%
310704	ACE TEL OF MICHIGAN	3,146	3,363	3,613	3,770	6.90%	7.43%	4.35%
310681	ALLTEL MICHIGAN INC.	35,992	37,912	39,297	40,671	5.33%	3.65%	3.50%
310679	BLOOMINGDALE TEL CO	1,431	1,460	1,533	1,589	2.03%	5.00%	3.65%
310682	C, C & S TELCO - MI	17,019	17,457	17,891	18,465	2.57%	2.49%	3.21%
310683	CARR TEL CO	1,201	1,348	1,375	1,531	12.24%	2.00%	11.35%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	20,682	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	37,914	39,567	41,408	42,783	4.36%	4.65%	3.32%
310685	CHATHAM TEL CO - MI	2,115	2,230	2,151	2,191	5.44%	-3.54%	1.86%
310680	CHIPPEWA COUNTY TEL	767	817	852	907	6.52%	4.28%	6.46%
310713	HIAWATHA TEL CO	3,251	3,395	3,978	4,590	4.43%	17.17%	15.38%
310711	MIDWAY TEL CO	719	740	773	781	2.92%	4.46%	1.03%
310714	OGDEN TEL CO	N/A	407	406	412	N/A	-0.25%	1.48%
310717	ONTONAGON COUNTY TEL	3,662	3,716	3,803	3,939	1.47%	2.34%	3.58%
310721	PIGEON TEL CO	2,479	2,545	2,590	2,722	2.66%	1.77%	5.10%
310728	SPRINGPORT TEL CO	1,538	1,600	1,585	1,662	4.03%	-0.94%	4.86%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

SA CODE	COMPANY NAME	NUMBER OF LOOPS				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	2,956	3,187	3,737	3,985	7.81%	17.26%	6.64%
310737	WINN TEL CO	N/A	543	541	557	N/A	-0.37%	2.96%
310738	WOLVERINE TEL CO	6,935	7,140	7,358	7,358	2.96%	3.05%	0.00%
361346	ACE TEL ASSN-MN	8,639	8,623	9,006	9,140	-0.19%	4.44%	1.49%
361374	ARROWHEAD COMM CORP	551	583	613	629	5.81%	5.15%	2.61%
361350	ARVIG TEL CO	8,598	8,128	9,091	9,606	-5.47%	11.85%	5.66%
361370	CLARA CITY TEL EXCH	1,491	1,442	1,443	1,439	-3.29%	0.07%	-0.28%
361140	CONTEL MN DBA GTE MN	93,037	94,311	95,008	97,033	1.37%	0.74%	2.13%
361385	EAST OTTER TAIL TEL	12,550	12,893	13,245	13,363	2.73%	2.73%	0.89%
361395	GARDEN VALLEY TEL CO	12,621	12,720	13,178	12,965	0.78%	3.60%	-1.62%
361410	JOHNSON TEL CO	1,316	1,346	1,398	1,455	2.28%	3.86%	4.08%
361414	LAKEDALE TEL CO	9,109	9,377	9,562	9,804	2.94%	1.97%	2.53%
361433	MID STATE TEL CO	5,256	5,548	5,576	5,522	5.56%	0.50%	-0.97%
361442	NEW ULM TELECOM, INC	8,013	8,012	8,333	8,580	-0.01%	4.01%	2.96%
361451	PAUL BUNYAN RURAL	4,966	4,953	5,219	5,327	-0.26%	5.37%	2.07%
361483	SLEEPY EYE TEL CO	5,137	5,112	5,248	5,326	-0.49%	2.66%	1.49%
361491	TWIN VALLEY-ULEN TEL	2,719	2,718	2,789	2,873	-0.04%	2.61%	3.01%
280453	ALLTEL MISSISSIPPI	N/A	N/A	7,938	8,199	N/A	N/A	3.29%
280446	BAY SPRINGS TEL CO	8,062	8,078	8,648	8,878	0.20%	7.06%	2.66%
280452	DELTA TEL CO	2,886	3,142	3,546	3,571	8.87%	12.86%	0.71%
280454	FRANKLIN TEL CO - MS	5,941	6,017	6,148	6,211	1.28%	2.18%	1.02%
280458	HOME TEL CO-OLIVE BR	6,913	7,408	8,152	9,157	7.16%	10.04%	12.33%
280461	SOUTHEAST MS TEL CO	1,782	N/A	3,568	3,698	N/A	N/A	3.64%
421885	ALLTEL MISSOURI	19,765	20,233	20,795	21,923	2.37%	2.78%	5.42%
421865	CITIZENS TEL CO - MO	3,368	3,209	3,230	3,334	-4.72%	0.65%	3.22%
421922	CONTEL OF MISSOURI	127,167	140,673	146,262	156,477	10.62%	3.97%	6.98%
421846	CONTINENTAL SYS. -MO	34,242	36,957	37,992	39,951	7.93%	2.80%	5.16%
421873	EASTERN MISSOURI TEL	2,476	2,511	2,537	2,572	1.41%	1.04%	1.38%
421882	FIDELITY TEL CO	9,754	9,731	10,210	10,208	-0.24%	4.92%	-0.02%
421886	GOODMAN TEL CO	1,355	1,410	1,450	1,465	4.06%	2.84%	1.03%
421888	GRAND RIVER MUT-MO	12,248	12,504	12,566	12,682	2.09%	0.50%	0.92%
421929	HOLWAY TEL CO	613	550	561	564	-10.28%	2.00%	0.53%
421901	KINGDOM TELEPHONE	2,445	2,462	2,612	3,002	0.70%	6.09%	14.93%
421908	LE-RU TELEPHONE CO	932	961	989	1,010	3.11%	2.91%	2.12%
421904	MISSOURI TEL CO	15,285	15,420	15,733	16,345	0.88%	2.03%	3.89%
421807	MOKAN DIAL INC-MO	567	591	607	628	4.23%	2.71%	3.46%
421931	NE MISSOURI RURAL	3,316	3,360	3,408	3,423	1.33%	1.43%	0.44%
421934	ORCHARD FARM TEL CO	641	662	711	711	3.28%	7.40%	0.00%
421951	STOUTLAND TEL CO	870	892	914	920	2.53%	2.47%	0.66%
482235	BLACKFOOT TEL COOP	4,584	4,692	4,802	5,069	2.36%	2.34%	5.56%
482241	HOT SPRINGS TEL CO	N/A	N/A	400	426	N/A	N/A	6.50%
482242	INTERBEL TEL COOP	811	856	938	994	5.55%	9.58%	5.97%
482244	LINCOLN TEL CO INC	719	710	722	730	-1.25%	1.69%	1.11%
482246	MID-RIVERS TEL COOP	6,022	5,685	5,753	5,741	-5.60%	1.20%	-0.21%
482247	NEMONT TEL COOP-MT	2,399	2,271	2,271	2,244	-5.34%	0.00%	-1.19%
482248	NORTHERN TEL COOP	1,324	1,208	1,254	1,271	-8.76%	3.81%	1.36%
482249	NW TEL SYSTEMS, INC.	27,548	28,996	29,760	34,369	5.26%	2.63%	15.49%
482250	PROJECT TEL CO	2,507	2,556	2,588	2,696	1.95%	1.25%	4.17%
482251	RANGE TEL COOP-MT	2,666	2,657	2,712	2,760	-0.34%	2.07%	1.77%
482254	SOUTHERN MONTANA TEL	648	604	658	689	-6.79%	8.94%	4.71%
482257	TRIANGLE TEL COOP	8,079	8,094	8,110	8,229	0.19%	0.20%	1.47%
482258	VALLEY RURAL TEL	730	724	754	784	-0.82%	4.14%	3.98%
482255	3-RIVERS TEL COOP	8,296	8,382	7,898	8,041	1.04%	-5.77%	1.81%
371516	ARAPAHOE TEL CO	1,013	1,004	1,001	1,027	-0.89%	-0.30%	2.60%
371517	ARLINGTON TEL CO	888	899	926	948	1.24%	3.00%	2.38%
372455	BENKELMAN TEL CO	1,123	1,185	1,173	1,180	5.52%	-1.01%	0.60%
371524	BLAIR TEL CO	4,982	5,178	5,320	5,421	3.93%	2.74%	1.90%
371526	CAMBRIDGE TEL CO -NE	N/A	N/A	1,150	1,157	N/A	N/A	0.61%
371531	CLARKS TEL CO	970	N/A	956	966	N/A	N/A	1.05%
371534	COZAD TEL CO	2,363	2,548	2,638	2,659	7.83%	3.53%	0.80%
371536	CURTIS TEL CO	729	731	725	733	0.27%	-0.82%	1.10%
371537	DALTON TEL CO, INC	1,246	1,254	1,250	1,255	0.64%	-0.32%	0.40%
371540	DILLER TEL CO	916	889	873	887	-2.95%	-1.80%	1.60%
371542	EASTERN NEBRASKA TEL	2,334	2,358	2,376	2,402	1.03%	0.76%	1.09%
371577	GREAT PLAINS COMMUN	24,622	24,746	24,965	25,229	0.50%	0.88%	1.06%
371557	HARTMAN TEL EXCH INC	446	437	442	438	-2.02%	1.14%	-0.90%
371558	HEMINGFORD COOP TEL	838	834	845	855	-0.48%	1.32%	1.18%
371567	KEYSTONE-ARTHUR TEL	565	554	574	589	-1.95%	3.61%	2.61%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	169,969	5,796	5,924	5,962	-96.59%	2.21%	0.64%
371580	PETERSBURG TEL CO	434	446	422	438	2.76%	-5.38%	3.79%
371586	ROCK COUNTY TEL CO	972	980	1,002	1,013	0.82%	2.24%	1.10%
371591	SE NEBRASKA TEL CO	3,778	3,828	3,713	3,925	1.32%	-3.00%	5.71%
371592	STANTON TEL CO, INC	993	1,004	1,038	1,060	1.11%	3.39%	2.12%
371525	THREE RIVER TELCO	1,191	1,207	1,221	1,234	1.34%	1.16%	1.06%
371597	WAUNETA TEL CO	637	621	621	651	-2.51%	0.00%	4.83%
552284	BEEHIVE TEL CO - NV	N/A	31	31	32	N/A	0.00%	3.23%
552349	CHURCHILL COUNTY TEL	7,632	7,993	8,471	8,710	4.73%	5.98%	2.82%
552304	CP NATIONAL-NV	9,479	10,781	12,708	13,728	13.74%	17.87%	8.03%
552223	GEM STATE UTIL-NV	300	333	332	376	11.00%	-0.30%	13.25%
552351	LINCOLN CTY TEL SYS	1,459	1,501	1,652	1,657	2.88%	10.06%	0.30%
552353	MOAPA VALLEY TEL CO.	1,908	2,038	2,187	2,241	6.81%	7.31%	2.47%
552354	NEVADA TEL-TELEGRAPH	2,290	2,475	2,556	2,455	8.08%	3.27%	-3.95%
552356	RIO VIRGIN TEL CO	853	1,056	1,199	1,506	23.80%	13.54%	25.60%
552233	RURAL TEL CO - NV	293	349	338	363	19.11%	-3.15%	7.40%
120038	BRETTON WOODS TEL CO	136	300	355	268	120.59%	18.33%	-24.51%
120040	CHICHESTER TEL CO	N/A	1,090	1,150	997	N/A	5.50%	-13.30%
120041	CONTEL OF NH	8,832	9,161	9,554	9,650	3.73%	4.29%	1.00%
120039	GRANITE STATE TEL	6,147	6,653	6,930	7,061	8.23%	4.16%	1.89%
120045	KEARSARGE TEL CO	4,779	5,153	5,408	5,436	7.83%	4.95%	0.52%
120046	MERIDEN TEL CO	391	415	481	495	6.14%	15.90%	2.91%
120047	MERRIMAK COUNTY TEL	5,370	5,805	5,311	5,463	8.10%	-8.51%	2.86%
120049	UNION TEL CO	4,824	5,187	5,479	5,534	7.52%	5.63%	1.00%
120050	WILTON TEL CO - NH	2,133	2,177	2,283	2,288	2.06%	4.87%	0.22%
160135	WARWICK VALLEY-NJ	6,384	6,785	7,035	7,212	6.28%	3.68%	2.52%
492259	BACA VALLEY TEL CO	540	556	587	590	2.96%	5.58%	0.51%
492177	CONTEL OF WEST - NM	25,578	26,482	27,535	28,937	3.53%	3.98%	5.09%
492066	DELL TEL CO-OP - NM	264	250	285	264	-5.30%	14.00%	-7.37%
492262	ENMR TEL COOP INC-NM	8,693	8,981	9,214	9,412	3.31%	2.59%	2.15%
492263	LA JICARITA RURAL	1,417	1,391	1,357	1,385	-1.83%	-2.44%	2.06%
492264	LEACO RURAL TEL COOP	784	756	760	858	-3.57%	0.53%	12.89%
492275	NAVAJO COMMUN - NM	2,772	3,025	3,155	3,057	9.13%	4.30%	-3.11%
492270	PENASCO VALLEY TEL	1,967	1,949	1,967	2,208	-0.92%	0.92%	12.25%
492272	ROOSEVELT CNTY RURAL	1,431	1,413	1,463	1,516	-1.26%	3.54%	3.62%
492274	UNIVERSAL TEL OF SW	3,121	3,354	3,585	3,525	7.47%	6.89%	-1.67%
492176	VALLEY TEL COOP - NM	1,063	1,132	1,253	1,288	6.49%	10.69%	2.79%
492268	WESTERN NEW MEXICO	3,930	3,998	4,159	4,204	1.73%	4.03%	1.08%
150106	ALLTEL NY-FULTON	34,760	37,693	38,406	39,681	8.44%	1.89%	3.32%
150109	ALLTEL NY-JAMESTOWN	92,424	278,095	41,085	42,718	200.89%	-85.23%	3.97%
150113	ALLTEL NY-RED JACKET	2,287	2,380	2,375	2,415	4.07%	-0.21%	1.68%
150072	AU SABLE VALLEY TEL	5,183	5,410	5,511	5,621	4.38%	1.87%	2.00%
150077	CHAMPLAIN TEL CO	3,711	4,319	4,236	4,451	16.38%	-1.92%	5.08%
150078	CHAUTAUQUA & ERIE	8,413	8,656	9,159	9,539	2.89%	5.81%	4.15%
150081	CITIZENS HAMMOND NY	741	780	868	969	5.26%	11.28%	11.64%
150085	CROWN POINT TEL CORP	613	648	692	706	5.71%	6.79%	2.02%
150091	DUNKIRK & FREDONIA	7,720	8,297	8,421	8,710	7.47%	1.49%	3.43%
150092	EDWARDS TEL CO	1,421	1,538	1,632	1,688	8.23%	6.11%	3.43%
150093	EMPIRE TEL CORP	5,534	5,907	6,175	6,366	6.74%	4.54%	3.09%
150097	GERMANTOWN TEL CO	1,523	1,806	1,938	2,024	18.58%	7.31%	4.44%
150099	HANCOCK TEL CO	1,242	1,275	1,337	1,495	2.66%	4.86%	11.82%
150100	HIGHLAND TEL CO	44,704	47,387	47,974	48,703	6.00%	1.24%	1.52%
150105	MIDDLEBURGH TEL CO	3,599	4,307	5,061	5,354	19.67%	17.51%	5.79%
150108	NICHOLVILLE TEL CO	1,287	1,385	1,411	1,556	7.61%	1.88%	10.28%
150110	OGDEN TEL CO	15,912	16,899	17,760	18,190	6.20%	5.09%	2.42%
150116	PATTERSONVILLE TEL	N/A	1,080	1,157	1,174	ERR	7.13%	1.47%
150122	SENECA-GORHAM TEL	7,148	7,431	8,080	7,922	3.96%	8.73%	-1.96%
150128	SYLVAN LAKE TEL CO	12,376	13,117	13,062	13,138	5.99%	-0.42%	0.58%
150084	TACONIC TEL CORP	16,837	17,739	19,165	20,798	5.36%	8.04%	8.52%
150133	VERNON TEL CO	2,031	2,136	2,232	2,609	5.17%	4.49%	16.89%
150135	WARWICK VALLEY-NY	9,827	10,472	11,011	11,332	6.56%	5.15%	2.92%
230476	ALLTEL CAROLINA-NO	84,175	89,562	94,122	99,196	6.40%	5.09%	5.39%
230468	ATLANTIC MEMBERSHIP	17,947	18,605	19,766	20,933	3.67%	6.24%	5.90%
230469	BARNARDSVILLE TEL CO	816	840	946	959	2.94%	12.62%	1.37%
230473	CITIZENS TEL CO	12,873	13,200	13,676	13,992	2.54%	3.61%	2.31%
230474	CONCORD TEL CO	71,240	72,465	74,716	76,945	1.72%	3.11%	2.98%
230509	CONTEL OF NC	73,956	78,589	84,736	87,050	6.26%	7.82%	2.73%
230481	HEINS TEL CO	21,834	22,635	23,492	24,313	3.67%	3.79%	3.49%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

SA CODE	COMPANY NAME	NUMBER OF LOOPS				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	11,643	11,795	12,196	12,424	1.31%	3.40%	1.87%
230510	WILKES MEMBERSHIP	7,010	7,224	7,460	7,737	3.05%	3.27%	3.71%
381607	CONSOLIDATED COOP	4,115	4,055	4,000	3,866	-1.46%	-1.36%	-3.35%
381447	CONTEL ND DBA GTE ND	9,779	9,725	9,745	9,747	-0.55%	0.21%	0.02%
381616	INTER-COMMUNITY TEL	1,228	1,226	1,222	1,218	-0.16%	-0.33%	-0.33%
381617	MIDSTATE TEL CO	1,415	1,366	1,412	1,432	-3.46%	3.37%	1.42%
381630	POLAR COMM MUT AID	8,454	8,167	8,379	8,567	-3.39%	2.60%	2.24%
381632	RESERVATION TEL COOP	4,247	4,194	4,097	4,209	-1.25%	-2.31%	2.73%
381634	SOURIS RIVER TELECOM	11,608	11,481	11,436	11,065	-1.09%	-0.39%	-3.24%
381637	W. RIVER TELECOM.	8,751	8,661	8,716	8,680	-1.03%	0.64%	-0.41%
300665	ALLTEL OHIO-WEST OH	16,545	16,955	17,413	17,691	2.48%	2.70%	1.60%
300682	C, C & S TELCO -OHIO	428	465	468	483	8.64%	0.65%	3.21%
300607	CONTINENTAL OF OHIO	1,963	2,003	2,016	2,025	2.04%	0.65%	0.45%
300613	LITTLE MIAMI COMM.	1,139	53,859	1,914	1,953	4628.62%	-96.45%	2.04%
300597	THE CHILLICOTHE TEL	23,807	25,017	26,415	26,770	5.08%	5.59%	1.34%
431965	ALLTEL OKLAHOMA INC	10,481	10,618	10,868	11,355	1.31%	2.35%	4.48%
431966	ATLAS TEL CO	N/A	1,409	1,465	1,523	N/A	3.97%	3.96%
431974	CANADIAN VALLEY TEL	818	811	867	881	-0.86%	6.91%	1.61%
431976	CARNEGIE TEL CO INC	1,497	1,530	1,484	1,460	2.20%	-3.01%	-1.62%
431979	CHEROKEE TEL CO	4,156	4,144	4,268	4,353	-0.29%	2.99%	1.99%
431980	CHICKASAW TEL CO	6,928	6,924	6,800	7,506	-0.06%	-1.79%	10.38%
431981	CHOUTEAU TEL CO	2,642	2,696	2,732	2,823	2.04%	1.34%	3.33%
431985	CROSS TEL CO	7,024	7,225	7,425	7,640	2.86%	2.77%	2.90%
431988	DOBSON TEL CO	4,096	4,098	4,014	4,063	0.05%	-2.05%	1.22%
431994	GRAND TEL CO INC	2,124	2,163	2,312	2,413	1.84%	6.89%	4.37%
431995	HINTON TEL CO	3,149	3,139	3,157	3,209	-0.32%	0.57%	1.65%
431788	KANOKLA TEL ASSN-OK	1,281	1,254	1,207	1,221	-2.11%	-3.75%	1.16%
432006	MCLLOUD TEL CO	5,752	5,764	5,803	5,874	0.21%	0.68%	1.22%
432011	OKLAHOMA ALLTEL, INC	9,524	9,891	10,287	10,623	3.85%	4.00%	3.27%
431984	OKLAHOMA COMM SYSTEM	12,389	12,479	12,763	12,980	0.73%	2.28%	1.70%
432013	OKLAHOMA TEL & TEL	1,752	1,735	1,746	1,777	-0.97%	0.63%	1.78%
432014	OKLAHOMA WESTERN TEL	2,523	2,475	2,521	2,605	-1.90%	1.86%	3.33%
432016	PANHANDLE TEL COOP	4,218	4,213	4,256	4,331	-0.12%	1.02%	1.76%
432018	PIONEER TEL COOP INC	35,139	34,812	34,892	34,769	-0.93%	0.23%	-0.35%
432020	POTTAWATOMIE TEL CO	1,743	1,724	1,724	1,783	-1.09%	0.00%	3.42%
431831	S. CENTRAL TEL - OK	397	396	382	375	-0.25%	-3.54%	-1.83%
432030	TOTAH TELEPHONE CO	1,663	1,660	1,673	1,718	-0.18%	0.78%	2.69%
432032	VALLIANT TEL CO	1,727	1,734	1,773	1,806	0.41%	2.25%	1.86%
432034	WYANDOTTE TEL CO	353	359	373	393	1.70%	3.90%	5.36%
532404	ASOTIN TEL - OR	88	88	112	106	0.00%	27.27%	-5.36%
532359	BEAVER CREEK COOP	3,057	3,118	3,191	3,312	2.00%	3.34%	3.79%
532304	C P NATIONAL CORP-OR	9,248	9,364	9,740	10,383	1.25%	4.02%	6.60%
532362	CANBY TEL ASSN	7,130	7,218	7,448	7,784	1.23%	3.19%	4.51%
532371	CASCADE UTIL INC	6,722	6,956	7,182	7,493	3.48%	3.25%	4.33%
532363	CLEAR CREEK MUTUAL	2,545	2,700	2,760	2,871	6.09%	2.22%	4.02%
532364	COLTON TEL CO	885	951	971	972	7.46%	2.10%	0.10%
532449	CONTEL OF THE NW- OR	20,210	20,968	21,901	23,097	3.75%	4.45%	5.46%
532376	HELIX TEL CO.	247	235	241	249	-4.86%	2.55%	3.32%
532377	HOME TELEPHONE CO	539	535	637	626	-0.74%	19.07%	-1.73%
532456	MALHEUR HOME TEL CO	9,648	10,011	10,394	11,121	3.76%	3.83%	6.99%
532226	MIDVALE TEL EXCH -OR	213	171	196	209	-19.72%	14.62%	6.63%
532383	MOLALLA TEL CO.	4,382	4,257	4,295	4,716	-2.85%	0.89%	9.80%
532385	MONROE TELEPHONE CO.	678	671	702	662	-1.03%	4.62%	-5.70%
532387	NEHALEM TEL & TEL	1,666	1,833	1,900	2,028	10.02%	3.66%	6.74%
532388	NORTH STATE TEL CO.	362	375	369	378	3.59%	-1.60%	2.44%
532389	OREGON TEL CORP	1,313	1,285	1,316	1,426	-2.13%	2.41%	8.36%
532392	PINE TEL SYSTEM INC.	608	636	647	673	4.61%	1.73%	4.02%
532393	PIONEER TEL COOP	9,440	9,955	10,023	10,596	5.46%	0.68%	5.72%
532375	RTI/HALSEY TEL CO	561	566	583	615	0.89%	3.00%	5.49%
532397	SCIO MUTUAL TEL ASSN	1,283	1,298	1,327	1,352	1.17%	2.23%	1.88%
532361	TEL UTIL OF OREGON	33,991	34,788	35,899	40,917	2.34%	3.19%	13.98%
532378	TRANS-CASCADES TEL	94	88	85	114	-6.38%	-3.41%	34.12%
170170	CONTEL OF PA	43,668	47,577	49,953	51,164	8.95%	4.99%	2.42%
170177	LACKAWAXEN TEL CO	2,007	2,375	2,613	2,667	18.34%	10.02%	2.07%
170183	MAHANOVY & MAHANTONGO	N/A	3,456	3,503	3,663	N/A	1.36%	4.57%
170192	NORTH PENN TEL CO	3,652	3,919	4,037	4,069	7.31%	3.01%	0.79%
170194	OSWAYO RIVER TEL CO	1,477	1,600	1,700	1,739	8.33%	6.25%	2.29%
170201	QUAKER STATE TEL CO	26,952	30,580	30,912	33,537	13.46%	1.09%	8.49%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	831	853	878	887	2.65%	2.93%	1.03%
633200	PUERTO RICO COMM	87,881	97,930	110,103	113,034	11.43%	12.43%	2.66%
240512	BLUFFTON TEL. CO.	2,424	2,553	2,984	3,664	5.32%	16.88%	22.79%
240526	CONTEL OF SC	12,796	13,458	14,163	14,930	5.17%	5.24%	5.42%
240520	FARMERS TEL COOP	33,676	36,345	35,797	38,775	7.93%	-1.51%	8.32%
240523	HARGRAY TEL CO	29,435	30,116	30,172	32,999	2.31%	0.19%	9.37%
240528	HORRY TEL COOP	37,127	39,157	40,924	42,292	5.47%	4.51%	3.34%
240533	MCLELLANVILLE TEL	1,124	1,126	1,095	1,095	0.18%	-2.75%	0.00%
240539	POND BRANCH TEL CO	7,184	7,303	7,932	8,338	1.66%	8.61%	5.12%
240551	WILLISTON TEL CO	3,363	3,437	3,708	3,289	2.20%	7.88%	-11.30%
391647	CHEYENNE RIVER SIOUX	1,743	1,813	1,856	1,835	4.02%	2.37%	-1.13%
391643	CONTEL SD DBA GTE SD	7,273	7,709	7,804	8,070	5.99%	1.23%	3.41%
391659	GOLDEN WEST TELECOMM	11,199	11,699	11,014	11,238	4.46%	-5.86%	2.03%
391666	JEFFERSON TEL CO -SD	468	466	476	490	-0.43%	2.15%	2.94%
391667	KADOKA TELEPHONE CO	498	513	511	533	3.01%	-0.39%	4.31%
391668	KENNEBEC TEL CO	265	265	258	259	0.00%	-2.64%	0.39%
391689	WEST RIVER COOP	1,487	1,506	1,533	1,504	1.28%	1.79%	-1.89%
290552	ADAMSVILLE TEL CO	5,376	5,585	5,819	6,122	3.89%	4.19%	5.21%
290571	MILLINGTON TEL CO	15,869	16,769	18,210	18,568	5.67%	8.59%	1.97%
290575	TENNESSEE TEL CO	31,532	34,802	36,266	36,945	10.37%	4.21%	1.87%
290579	TWIN LAKES TEL COOP	22,631	23,423	24,279	25,652	3.50%	3.65%	5.66%
442121	ALLTEL TEXAS INC	2,659	2,627	2,705	2,770	-1.20%	2.97%	2.40%
442039	BIG BEND TEL CO INC	2,434	2,651	2,641	2,732	8.92%	-0.38%	3.45%
442040	BRAZORIA TEL CO	5,094	5,255	5,039	5,053	3.16%	-4.11%	0.28%
442041	BRAZOS TEL COOP INC	1,134	1,133	1,105	1,096	-0.09%	-2.47%	-0.81%
440425	CAMERON TEL CO TEXAS	970	984	969	1,007	1.44%	-1.52%	3.92%
442046	CAP ROCK TEL CO INC	2,285	2,217	2,324	2,311	-2.98%	4.83%	-0.56%
442052	CENTRAL TEXAS CO-OP	3,465	3,516	3,613	3,652	1.47%	2.76%	1.08%
442059	COLORADO VALLEY TEL	4,829	4,841	4,953	4,998	0.25%	2.31%	0.91%
442066	DELL TEL. CO-OP - TX	468	456	537	562	-2.56%	17.76%	4.66%
442068	EASTEX TEL COOP INC	20,078	20,161	20,570	20,906	0.41%	2.03%	1.63%
442262	ENMR TEL COOP-TX	734	749	761	765	2.04%	1.60%	0.53%
442070	ETEX TEL COOP INC	9,020	9,061	9,118	9,477	0.45%	0.63%	3.94%
442071	FIVE AREA TEL CO-OP	1,465	1,498	1,454	1,411	2.25%	-2.94%	-2.96%
442072	FORT BEND TEL CO	16,546	17,142	17,741	18,626	3.60%	3.49%	4.99%
442076	GANADO TELEPHONE CO	1,246	1,275	1,270	1,309	2.33%	-0.39%	3.07%
442083	GUADALUPE VALLEY TEL	14,649	15,208	15,660	16,425	3.82%	2.97%	4.89%
442086	HILL COUNTRY CO-OP	8,904	9,034	9,152	9,474	1.46%	1.31%	3.52%
442093	INDUSTRY TEL CO	1,558	1,541	1,534	1,542	-1.09%	-0.45%	0.52%
442097	KERRVILLE TEL CO	13,892	14,352	14,856	15,662	3.31%	3.51%	5.43%
442103	LA WARD TEL EXCHANGE	846	871	879	885	2.96%	0.92%	0.68%
442101	LAKE DALLAS TEL CO	4,239	4,185	4,435	4,688	-1.27%	5.97%	5.70%
442104	LAKE LIVINGSTON TEL	922	944	946	951	2.39%	0.21%	0.53%
442105	LIPAN TEL CO	N/A	N/A	886	889	N/A	N/A	0.34%
442109	LUFKIN-CONROE TEL EX	58,266	59,737	62,656	65,609	2.52%	4.89%	4.71%
442112	MID-PLAINS RURAL TEL	2,021	2,026	2,080	2,084	0.25%	2.67%	0.19%
442116	MUENSTER TEL CORP-TX	1,640	2,539	2,551	2,601	54.82%	0.47%	1.96%
442117	MUSTANG TEL CO	2,224	2,340	2,471	2,587	5.22%	5.60%	4.69%
442130	PEOPLES TEL COOP -TX	6,826	6,821	7,037	7,236	-0.07%	3.17%	2.83%
442131	POKA-LAMBRO TEL COOP	3,246	3,237	3,146	3,144	-0.28%	-2.81%	-0.06%
442134	RIVIERA TEL CO INC	815	819	831	833	0.49%	1.47%	0.24%
442147	SUGAR LAND TEL CO	64,145	78,842	31,689	34,344	22.91%	-59.81%	8.38%
442150	TATUM TEL CO	N/A	N/A	679	711	N/A	N/A	4.71%
442151	TAYLOR TEL CO-OP INC	5,244	5,218	5,275	5,363	-0.50%	1.09%	1.67%
442159	VALLEY TEL CO-OP -TX	4,156	4,363	4,370	4,833	4.98%	0.16%	10.59%
442168	WES-TEX TEL CO-OP	3,073	3,044	3,029	3,015	-0.94%	-0.49%	-0.46%
442166	WEST TEXAS RURAL TEL	1,703	1,749	1,756	1,770	2.70%	0.40%	0.80%
442170	XIT RURAL TEL CO-OP	986	1,015	1,048	1,041	2.94%	3.25%	-0.67%
502284	BEEHIVE TEL CO - UT	N/A	489	470	486	N/A	-3.89%	3.40%
502277	CENTRAL UTAH TEL INC	737	735	767	787	-0.27%	4.35%	2.61%
502177	CONTEL THE WEST - UT	13,593	13,799	14,095	14,548	1.52%	2.15%	3.21%
502278	EMERY COUNTY FARMERS	2,441	2,413	2,469	2,508	-1.15%	2.32%	1.58%
502280	KAMAS-WOODLAND TEL	1,498	1,550	1,609	1,771	3.47%	3.81%	10.07%
502275	NAVAJO COMMUN - UT	272	297	301	304	9.19%	1.35%	1.00%
502286	SOUTH CENTRAL UTAH	2,544	2,701	2,466	2,717	6.17%	-8.70%	10.18%
502287	UINTAH BASIN TEL	2,507	2,166	2,183	2,292	-13.60%	0.78%	4.99%
502288	UT-WY TELECOM	431	429	438	447	-0.46%	2.10%	2.05%
140070	CONTEL OF VERMONT	29,614	31,928	33,120	34,369	7.81%	3.73%	3.77%

TABLE 4.6
NUMBER OF LOOPS
BY STUDY AREA

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	3,314	3,648	3,857	3,784	10.08%	5.73%	-1.89%
140061	NORTHFIELD TEL CO	2,438	2,525	2,665	2,625	3.57%	5.54%	-1.50%
140062	PERKINSVILLE TEL CO	683	734	755	737	7.47%	2.86%	-2.38%
140068	TOPSHAM TEL CO	934	1,008	1,090	1,123	7.92%	8.13%	3.03%
643300	VIRGIN ISLANDS TEL	41,038	44,087	31,537	46,304	7.43%	-28.47%	46.82%
140069	WAITSFIELD/FAYSTON	4,166	4,285	4,389	4,306	2.86%	2.43%	-1.89%
190217	AMELIA TEL CORP	2,080	2,986	3,222	3,172	43.56%	7.90%	-1.55%
190249	ROANOKE & BOTETOURT	5,851	6,152	6,414	6,638	5.14%	4.26%	3.49%
522404	ASOTIN TEL - WA	796	813	900	938	2.14%	10.70%	4.22%
522449	CONTEL OF THE NW-WA	44,715	47,509	51,092	56,256	6.25%	7.54%	10.11%
522410	CONICHE TELEPHONE CO	1,389	1,422	1,431	1,490	2.38%	0.63%	4.12%
522412	ELLENSBURG TEL CO	13,523	14,043	14,210	15,234	3.85%	1.19%	7.21%
522417	HAT ISLAND	47	51	57	64	8.51%	11.76%	12.28%
522419	HOOD CANAL TEL CO	674	709	769	821	5.19%	8.46%	6.76%
522423	INLAND TEL CO -WA	1,379	1,440	1,531	1,635	4.42%	6.32%	6.79%
522426	KALAMA TEL CO	1,483	1,546	1,606	1,743	4.25%	3.88%	8.53%
522427	LEWIS RIVER TEL CO	2,143	2,298	2,423	2,699	7.23%	5.44%	11.39%
522431	MASHELL TEL CO INC	1,732	1,830	1,926	2,008	5.66%	5.25%	4.26%
522436	PENINSULA TELECOMM	3,991	4,124	4,181	4,365	3.33%	1.38%	4.40%
522437	PIONEER TEL CO	706	727	731	743	2.97%	0.55%	1.64%
522442	ST JOHN TEL CO	551	537	537	543	-2.54%	0.00%	1.12%
522408	TEL UTIL OF WA INC	68,039	73,305	78,038	84,231	7.74%	6.46%	7.94%
522446	TENINO TELEPHONE CO	1,961	2,054	2,106	2,252	4.74%	2.53%	6.93%
522447	TOLEDO TELEPHONE CO	1,278	1,323	1,345	1,387	3.52%	1.66%	3.12%
522451	WESTERN WAHAKIUM	836	774	843	806	-7.42%	8.91%	-4.39%
522452	WHIDBEY TEL CO	5,663	6,905	7,342	7,831	21.93%	6.33%	6.66%
522453	YELM TELEPHONE CO	4,630	4,968	5,544	6,307	7.30%	11.59%	13.76%
200278	CONTEL OF WV	21,727	23,677	23,137	24,929	8.98%	-2.28%	7.75%
200259	HARDY TEL CO	1,786	1,879	1,993	2,120	5.21%	6.07%	6.37%
200270	MOUNTAIN STATE TEL	14,719	15,303	15,688	16,026	3.97%	2.52%	2.15%
330841	CENCOM OF WISCONSIN	20,556	21,879	22,932	22,322	6.44%	4.81%	-2.66%
330859	CENTRAL STATE TEL CO	6,801	6,984	7,212	6,599	2.69%	3.26%	-8.50%
330895	CENTURY OF WISCONSIN	40,703	41,737	44,188	42,905	2.54%	5.87%	-2.90%
330860	CHEQUAMEGON TEL COOP	5,444	5,623	6,226	6,537	3.29%	10.72%	5.00%
330870	CRANDON TEL CO	2,189	2,279	2,346	2,419	4.11%	2.94%	3.11%
330891	HEADWATERS TEL CO	3,320	3,528	3,643	3,765	6.27%	3.26%	3.35%
330936	INDIANHEAD TEL CO	1,590	1,614	1,650	1,705	1.51%	2.23%	3.33%
330908	MARQUETTE-ADAMS COOP	2,510	2,528	2,643	2,797	0.72%	4.55%	5.83%
330909	MIDWAY TEL CO	5,823	6,120	6,105	6,132	5.10%	-0.25%	0.44%
330913	MONROE COUNTY TEL CO	8,368	8,588	8,760	8,791	2.63%	2.00%	0.35%
330916	MOUNT HOREB TEL CO	2,631	2,871	2,978	3,060	9.12%	3.73%	2.75%
330917	MT VERNON TEL CO	4,865	5,367	5,328	5,394	10.32%	-0.73%	1.24%
330922	NORTH-WEST TEL CO	50,816	53,065	54,242	56,422	4.43%	2.22%	4.02%
330931	PEOPLES TEL CO	5,256	5,513	5,494	5,605	4.89%	-0.34%	2.02%
330934	PLATTEVILLE TEL CO	7,264	7,306	7,415	7,858	0.58%	1.49%	5.97%
330937	PRICE COUNTY TEL CO	3,218	3,376	3,451	3,573	4.91%	2.22%	3.54%
330940	RHINELANDER TEL CO	8,612	8,944	9,607	9,857	3.86%	7.41%	2.60%
330952	SE TEL OF WISCONSIN	5,353	5,616	5,910	6,158	4.91%	5.24%	4.20%
330950	SOLOM SPRINGS TEL CO	13,375	13,864	14,368	14,594	3.66%	3.64%	1.57%
330956	UNIVERSAL OF N WISC	9,734	10,039	9,818	11,505	3.13%	-2.20%	17.18%
330964	URBAN TEL CORP	16,325	16,115	16,664	17,380	-1.29%	3.41%	4.30%
330963	UTELCO, INC	12,137	12,316	12,658	13,130	1.47%	2.78%	3.73%
330974	WOOD COUNTY TEL CO	19,842	20,337	21,022	21,103	2.49%	3.37%	0.39%
512291	DUBOIS TEL EXCHANGE	1,537	1,519	1,525	1,595	-1.17%	0.39%	4.59%
512251	RANGE TEL COOP - WY	1,333	1,322	1,346	1,389	-0.83%	1.82%	3.19%
512295	SILVER STAR TEL-WY	958	1,003	1,037	1,219	4.70%	3.39%	17.55%
512299	TEL. UTIL. OF WY.	2,604	2,844	3,016	3,280	9.22%	6.05%	8.75%
512297	UNION TELEPHONE CO	2,748	2,782	2,750	2,952	1.24%	-1.15%	7.35%
512290	UTAH-WYOMING TELECOM	289	293	302	301	1.38%	3.07%	-0.33%
NON-TIER 1 COST COMPANIES		5,300,194	5,636,284	5,166,736	5,422,129	6.34%	-8.33%	4.94%
TOTAL COST COMPANIES		120,765,205	125,245,281	128,533,922	133,086,445	3.71%	2.63%	3.54%
AVERAGE SCHEDULE ESTIMATE		2,800,000	2,915,000	2,922,000	2,932,000	4.11%	0.24%	0.34%
TOTAL INDUSTRY		123,565,205	128,160,281	131,455,922	136,018,445	3.72%	2.57%	3.47%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	23,107	25,230	30,966	34,201	9.19%	22.73%	10.45%
255181	SO CENTRAL BELL-AL	173,205	175,322	194,597	234,294	1.22%	10.99%	20.40%
452302	CONTEL CALIF - AZ	898	669	710	624	-25.50%	6.11%	-12.11%
455101	MOUNTAIN BELL - AZ	181,071	147,399	145,488	168,373	-18.60%	-1.30%	15.73%
401730	CONTEL OF ARKANSAS	4,025	20,579	21,445	22,230	411.30%	4.21%	3.66%
402080	GTE SOUTHWEST INC-AR	14,675	16,124	18,052	19,905	9.87%	11.96%	10.26%
405211	SOUTHWESTERN BELL-AR	141,325	134,357	149,743	165,307	-4.93%	11.45%	10.39%
542302	CONTEL OF CALIFORNIA	80,639	89,784	102,581	114,669	11.34%	14.25%	11.78%
542319	GTC OF CALIFORNIA	1,169,103	1,264,587	1,170,114	1,272,585	8.17%	-7.47%	8.76%
545170	PACIFIC BELL	4,275,951	4,588,887	4,900,509	5,166,118	7.32%	6.79%	5.42%
542344	WEST COAST TEL OF CA	2,064	2,501	2,197	2,502	21.17%	-12.16%	13.88%
465102	MOUNTAIN BELL-CO	264,492	204,398	212,224	203,435	-22.72%	3.83%	-4.14%
135200	SOUTHERN NEW ENGLAND	470,457	518,659	548,602	555,968	10.25%	5.77%	1.34%
575020	C & P TEL CO OF WASH	0	0	0	0	0.00%	0.00%	0.00%
565010	DIAMOND STATE TEL	21,660	25,149	28,403	28,116	16.11%	12.94%	-1.01%
210340	CENTEL OF FLORIDA	30,213	38,635	43,572	47,727	27.88%	12.78%	9.54%
210328	GTE FLORIDA INC.	237,950	302,360	247,448	250,486	27.07%	-18.16%	1.23%
215191	SOUTHERN BELL-FL	606,635	634,429	706,937	852,297	4.58%	11.43%	20.56%
210341	UTC OF FLORIDA	147,942	168,440	192,701	225,096	13.86%	14.40%	16.81%
220479	GTE SOUTH INC.- GA	46,856	51,669	59,430	68,865	10.27%	15.02%	15.88%
225192	SOUTHERN BELL-GA	312,505	339,172	351,832	383,760	8.53%	3.73%	9.07%
623100	GTE HAWAIIAN TEL. CO	24,473	27,982	29,693	33,538	14.34%	6.11%	12.95%
472416	GTE NORTHWEST INC-ID	10,598	10,578	10,133	10,931	-0.19%	-4.21%	7.88%
475103	MOUNTAIN BELL-ID	57,336	53,223	54,508	60,248	-7.17%	2.41%	10.53%
475162	PACIFIC NW BELL-ID	3,350	3,581	3,715	5,324	6.90%	3.74%	43.31%
340985	CENTEL OF ILLINOIS	25,133	29,495	30,032	32,862	17.36%	1.82%	9.42%
341015	GTE NORTH INC. - IL	143,161	169,152	208,045	221,452	18.16%	22.99%	6.44%
345070	ILLINOIS BELL TEL CO	344,511	338,891	380,918	454,377	-1.63%	12.40%	19.28%
320772	GTE NORTH INC. - IN	93,220	105,146	129,050	144,998	12.79%	22.73%	12.36%
325080	INDIANA BELL TEL CO	215,481	236,799	252,061	265,209	9.89%	6.45%	5.22%
320832	UTC OF INDIANA	41,279	46,721	52,133	54,937	13.18%	11.58%	5.38%
351207	CONTEL IA DBA GTE IA	33,963	36,143	21,081	23,119	6.42%	-41.67%	9.67%
351186	GTE NORTH INC. - IA	29,026	31,846	32,867	35,344	9.72%	3.21%	7.54%
355141	NORTHWESTERN BELL-IA	147,656	149,223	149,692	174,950	1.06%	0.31%	16.87%
415214	SOUTHWESTERN BELL-KS	168,590	145,846	162,470	1,777,067	-13.49%	11.40%	993.78%
411842	UTC OF KANSAS	16,387	17,469	18,493	21,013	6.61%	5.86%	13.62%
265061	CINCINNATI BELL-KY	7,915	9,326	11,408	13,029	17.83%	22.33%	14.21%
260407	GTE SOUTH INC. - KY	49,622	52,011	71,068	77,834	4.81%	36.64%	9.52%
265182	SO CENTRAL BELL-KY	107,054	108,332	121,171	135,922	1.19%	11.85%	12.17%
275183	SO CENTRAL BELL-LA	265,706	264,126	288,227	334,914	-0.59%	9.12%	16.20%
105111	NEW ENGLAND TEL-ME	122,527	162,853	174,279	202,498	32.91%	7.02%	16.19%
185030	C & P TEL CO OF MD	210,487	231,980	243,401	265,006	10.21%	4.92%	8.88%
115112	NEW ENGLAND TEL-MA	915,167	1,214,629	1,248,200	1,342,495	32.72%	2.76%	7.55%
310695	GTE NORTH INC. - MI	145,779	159,919	193,237	219,503	9.70%	20.83%	13.59%
315090	MICHIGAN BELL TEL CO	919,802	1,004,470	1,116,662	1,185,558	9.20%	11.17%	6.17%
361367	CENTEL OF MN	12,481	12,967	13,352	13,552	3.89%	2.97%	1.50%
361186	GTE NORTH INC. - MN	896	980	1,071	1,121	9.38%	9.29%	4.67%
365142	NORTHWESTERN BELL-MN	178,595	183,643	182,208	207,481	2.83%	-0.78%	13.87%
361456	UTC OF MINNESOTA	17,430	19,276	20,642	22,381	10.59%	7.08%	8.42%
285184	SO CENTRAL BELL-MS	151,840	152,949	164,310	177,828	0.73%	7.43%	8.23%
421186	GTE NORTH INC. - MO	20,645	22,109	23,885	26,403	7.09%	8.03%	10.54%
425213	SOUTHWESTERN BELL-MO	244,911	214,571	240,732	257,244	-12.39%	12.19%	6.86%
421957	UTC OF MISSOURI	42,227	46,952	48,344	50,670	11.19%	2.97%	4.81%
482416	GTE NORTHWEST INC-MT	883	912	1,045	1,077	3.28%	14.58%	3.06%
485104	MOUNTAIN BELL-MT	57,095	59,146	58,656	61,519	3.59%	-0.83%	4.88%
371186	GTE NORTH INC. - NE	9,701	10,169	10,422	10,130	4.82%	2.49%	-2.80%
371568	LINCOLN TEL & TEL CO	39,291	41,220	42,956	45,197	4.91%	4.21%	5.22%
375143	NORTHWESTERN BELL-NE	51,318	50,877	53,524	64,159	-0.86%	5.20%	19.87%
371595	UTC OF THE WEST-NE	2,328	2,466	2,427	2,648	5.91%	-1.59%	9.13%
552348	CENTEL OF NV	6,411	9,636	11,283	13,808	50.31%	17.09%	22.38%
552302	CONTEL OF CALIF-NV	3,476	3,411	3,827	4,415	-1.87%	12.18%	15.36%
555173	NEVADA BELL	14,354	17,783	26,900	32,607	23.89%	51.27%	21.22%
125113	NEW ENGLAND TEL-NH	125,362	147,163	154,882	164,195	17.39%	5.24%	6.01%
165120	NEW JERSEY BELL	1,995,265	2,134,756	2,275,577	2,357,986	6.99%	6.60%	3.62%
160138	UNITED TEL - NJ, INC	73,356	79,980	86,897	92,494	9.03%	8.65%	6.44%
492080	GTE SOUTHWEST INC-NM	4,673	4,929	7,660	8,288	5.48%	55.40%	8.20%
495105	MOUNTAIN BELL-NM	66,514	63,004	64,762	72,601	-5.28%	2.79%	12.10%
150096	CONTEL OF NY, INC	66,197	63,789	68,727	71,814	-3.64%	7.74%	4.49%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE TOLL MESSAGES BY STUDY AREA DATA (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	744,324	746,466	806,541	836,340	0.29%	8.05%	3.69%
150119	RED HOOK TEL CO	3,460	3,467	3,987	4,223	0.20%	15.01%	5.92%
150121	ROCHESTER TEL CORP	51,832	54,672	55,981	53,179	5.48%	2.39%	-5.01%
150136	WESTERN COUNTIES TEL	5,927	6,318	6,632	6,887	6.60%	4.98%	3.84%
230470	CAROLINA TEL & TEL	157,414	175,569	194,173	196,541	11.53%	10.60%	1.22%
230471	CENTEL OF NC	35,980	41,469	44,846	49,955	15.25%	8.15%	11.39%
230479	GTE SOUTH INC - NC	30,777	35,328	39,161	41,154	14.79%	10.85%	5.09%
235193	SOUTHERN BELL-NC	273,986	319,058	348,354	352,791	16.45%	9.18%	1.27%
385144	NORTHWESTERN BELL-ND	37,018	38,308	37,214	44,363	3.48%	-2.86%	19.21%
300630	CENTEL OF OHIO	12,412	14,525	14,250	15,541	17.03%	-1.90%	9.06%
305062	CINCINNATI BELL-OH	58,405	62,304	67,567	72,550	6.68%	8.45%	7.37%
300615	GTE NORTH INC. - OH	147,031	163,177	161,121	194,223	10.98%	-1.26%	20.54%
305150	OHIO BELL TEL CO	473,399	492,176	643,440	661,516	3.97%	30.73%	2.81%
300661	UTC OF OHIO	101,217	112,660	117,157	118,039	11.31%	3.99%	0.75%
432080	GTE SOUTHWEST INC-OK	23,882	25,080	28,291	30,780	5.02%	12.80%	8.80%
435215	SOUTHWESTERN BELL-OK	227,950	211,852	219,089	234,294	-7.06%	3.42%	6.94%
532416	GTE NORTHWEST INC-OR	46,609	51,451	51,135	57,204	10.39%	-0.61%	11.87%
535163	PACIFIC NW BELL-OR	175,478	180,266	188,375	230,946	2.73%	4.50%	22.60%
532400	UTC OF THE NW - OR	12,739	14,858	16,241	15,881	16.63%	9.30%	-2.22%
175000	BELL OF PENNSYLVANIA	840,905	924,522	975,553	1,023,275	9.94%	5.52%	4.89%
170169	GTE NORTH INC. - PA	74,709	74,651	80,354	97,119	-0.08%	7.64%	20.86%
170209	UTC OF PENNSYLVANIA	72,888	78,831	86,387	92,505	8.15%	9.58%	7.08%
633201	PUERTO RICO TEL CO	130,545	178,878	168,135	188,739	37.02%	-6.01%	12.25%
585114	NEW ENGLAND TEL - RI	56,152	61,421	65,847	70,903	9.38%	7.21%	7.68%
240479	GTE SOUTH INC. - SC	24,581	27,824	33,379	37,026	13.19%	19.96%	10.93%
245194	SOUTHERN BELL-SC	118,258	133,879	158,160	177,944	13.21%	18.14%	12.51%
240506	UTC OF THE CAROLINAS	10,664	12,278	13,869	14,598	15.13%	12.96%	5.26%
395145	NORTHWESTERN BELL-SD	38,627	40,386	40,643	46,138	4.55%	0.64%	13.52%
290479	GTE SOUTH INC. - TN	9,594	10,851	16,543	19,272	13.10%	52.46%	16.50%
295185	SO. CENTRAL BELL -TN	235,364	260,158	286,349	290,399	10.53%	10.07%	1.41%
290567	UNITED INTER-MT-TN	28,306	31,845	33,775	35,359	12.50%	6.06%	4.69%
442114	CENTEL OF TEXAS	26,157	26,889	29,380	32,255	2.80%	9.26%	9.78%
442154	CENTEL OF TEXAS	56,402	58,773	60,573	61,134	4.20%	3.06%	0.93%
442080	GTE SOUTHWEST INC-TX	239,089	254,341	258,922	292,275	6.38%	1.80%	12.88%
445216	SOUTHWESTERN BELL-TX	1,100,636	1,027,107	1,160,626	1,278,152	-6.68%	13.00%	10.13%
442084	UTC OF TEXAS INC	35,610	37,430	40,278	41,920	5.11%	7.61%	4.07%
505107	MOUNTAIN BELL-UT	99,631	90,659	96,047	102,902	-9.01%	5.94%	7.14%
145115	NEW ENGLAND TEL-VT	47,973	60,938	64,354	65,751	27.03%	5.60%	2.17%
195040	C & P TEL CO OF VA	248,708	268,367	305,093	321,843	7.90%	13.68%	5.49%
190254	CENTEL OF VIRGINIA	34,649	40,656	45,733	50,128	17.34%	12.49%	9.61%
190233	CENTEL OF VIRGINIA	72,522	73,628	75,872	84,619	1.53%	3.05%	11.53%
190479	GTE SOUTH INC. - VA	5,083	5,478	8,305	9,362	7.77%	51.61%	12.73%
190567	UNITED INTER-MT-VA	10,823	12,112	13,934	13,647	11.92%	15.04%	-2.06%
522416	GTE NORTHWEST INC-WA	95,969	112,594	104,555	118,197	17.32%	-7.14%	13.05%
525161	PACIFIC NW BELL-WA	305,516	314,763	327,006	403,297	3.03%	3.89%	23.33%
522400	UTC OF THE NW-WA	16,525	19,136	20,467	19,864	15.80%	6.96%	-2.95%
205050	C & P TEL CO OF WV	94,413	91,229	89,980	77,196	-3.37%	-1.37%	-14.21%
200479	GTE SOUTH INC. - WV	10,200	10,707	17,140	19,443	4.97%	60.08%	13.44%
330886	GTE NORTH INC. - WI	79,839	90,760	106,474	117,127	13.68%	17.31%	10.01%
335220	WISCONSIN BELL	234,240	286,980	310,193	332,792	22.52%	8.09%	7.29%
515108	MOUNTAIN BELL-WY	31,664	29,414	30,236	33,132	-7.11%	2.79%	9.58%
511595	UTC OF THE WEST-WY	702	702	715	768	0.05%	1.89%	7.35%
TIER 1 COST COMPANIES		22,595,029	24,197,974	25,862,616	29,453,789	7.09%	6.88%	13.89%
250302	ALLTEL ALABAMA	N/A	N/A	4,457	5,008	N/A	N/A	12.37%
250284	BUTLER TEL CO	571	589	692	782	3.18%	17.50%	13.10%
250281	CENTEL OF THE SOUTH	15,009	19,073	19,792	22,166	27.07%	3.77%	12.00%
250297	GROVE HILL TEL CORP	557	702	686	774	26.09%	-2.24%	12.81%
250298	GULF TEL CO - AL	3,280	4,073	4,646	5,394	24.16%	14.09%	16.09%
250300	HOPPER TEL. CO INC	807	895	992	1,059	10.90%	10.87%	6.67%
250304	MILLRY TEL CO	959	1,100	1,219	1,327	14.68%	10.78%	8.89%
250306	MONROEVILLE TEL CO	1,581	1,959	1,968	2,182	23.93%	0.45%	10.84%
250314	PEOPLES TEL CO	1,726	1,788	2,057	2,201	3.60%	15.04%	6.97%
250316	RAGLAND TEL CO	273	312	354	387	14.30%	13.28%	9.36%
250318	SOUTHLAND TEL CO-AL	531	2,020	2,087	2,523	280.46%	3.32%	20.90%
613000	ANCHORAGE TEL UTIL	11,594	12,314	14,148	15,367	6.21%	14.89%	8.61%
613001	ARCTIC SLOPE TEL	796	823	1,135	1,373	3.45%	37.85%	20.98%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	307	213	342	467	-30.56%	60.74%	36.56%
613004	BUSH-TELL INC.	237	264	333	340	11.25%	26.35%	2.26%
613006	COPPER VALLEY TEL	670	744	1,734	1,108	11.00%	132.99%	-36.09%
613007	CORDOVA TEL COOP	231	270	421	344	17.00%	55.94%	-18.47%
613008	FAIRBANKS MUNICIPAL	N/A	2,909	3,227	3,546	N/A	10.93%	9.90%
613010	GLACIER STATE TEL CO	4,707	5,123	6,157	6,526	8.84%	20.18%	6.00%
613009	GTE ALASKA INC.	2,670	3,015	3,765	3,911	12.92%	24.87%	3.87%
613011	INTERIOR TEL CO INC	643	794	915	1,104	23.49%	15.16%	20.69%
613012	JUNEAU & DOUGLAS TEL	1,815	1,907	2,192	2,440	5.05%	14.97%	11.30%
613013	KETCHIKAN PUBLIC UT	N/A	855	994	1,121	N/A	16.25%	12.80%
613015	MATANUSKA TEL ASSOC	5,742	5,715	5,944	6,524	-0.47%	4.01%	9.75%
613016	MUKLUK TEL CO INC	253	284	307	350	11.97%	8.08%	14.23%
613018	NUSHAGAK TEL COOP	363	418	475	525	15.02%	13.69%	10.54%
613019	OTZ TEL COOPERATIVE	614	780	991	1,026	27.10%	26.95%	3.60%
613020	SITKA TELEPHONE CO	2,026	2,315	2,690	2,875	14.25%	16.23%	6.86%
613022	TEL UTIL OF ALASKA	166	213	236	241	27.96%	11.06%	2.12%
613023	UNITED UTILITIES INC	N/A	1,570	1,793	1,962	N/A	14.17%	9.44%
613025	YUKON TEL CO INC	147	159	188	199	7.90%	18.06%	5.99%
452171	ARIZONA TELEPHONE CO	536	544	673	690	1.49%	23.69%	2.51%
452172	CITIZENS UTILITIES	6,446	4,954	4,796	5,357	-23.16%	-3.17%	11.69%
452177	CONTEL OF WEST-AZ	5,453	5,158	5,938	6,350	-5.41%	15.12%	6.94%
452275	NAVAJO COMMUN-AZ	2,370	2,668	2,986	3,064	12.57%	11.93%	2.58%
452173	PAPAGO TRIBAL UTIL.	N/A	161	386	424	N/A	139.58%	9.73%
452175	UNIVERSAL TEL OF SW	254	277	289	308	9.23%	4.12%	6.64%
452176	VALLEY TEL COOP-AZ	588	590	665	640	0.26%	12.68%	-3.75%
401691	ALLTEL ARKANSAS INC	16,277	17,959	19,306	20,650	10.33%	7.50%	6.96%
401692	ARKANSAS TEL CO	949	1,047	1,135	1,210	10.36%	8.42%	6.64%
401697	CENTRAL ARKANSAS TEL	565	602	667	832	6.69%	10.69%	24.79%
401705	CENTURY OF ARKANSAS	1,983	2,247	2,494	2,721	13.33%	10.99%	9.09%
401698	CLEVELAND COUNTY TEL	663	743	847	1,013	12.01%	14.09%	19.58%
401699	DECATUR TEL CO INC	315	301	308	331	-4.25%	2.05%	7.78%
401709	MADISON COUNTY TEL	597	683	735	780	14.34%	7.66%	6.10%
401711	MOUNTAIN HOME TEL	1,288	1,746	1,906	1,978	35.58%	9.16%	3.80%
401713	NORTH ARKANSAS TEL	1,211	1,321	1,255	1,382	9.10%	-5.02%	10.18%
401717	PERCO TELEPHONE CO	N/A	N/A	976	1,011	N/A	N/A	3.57%
401720	REDFIELD TEL CO	440	563	618	688	27.82%	9.84%	11.28%
401702	SOUTH ARKANSAS TEL	776	873	944	954	12.55%	8.03%	1.09%
401726	TRI-COUNTY TEL CO-AR	708	978	1,055	1,095	38.11%	7.85%	3.87%
401727	UNION TEL CO INC	93	219	240	263	134.37%	9.86%	9.40%
401729	WALNUT HILL TEL CO	950	1,030	1,077	1,164	8.43%	4.49%	8.15%
401733	YELCOT TEL CO INC	566	628	643	642	11.02%	2.37%	-0.18%
401734	YELL COUNTY TEL CO	1,117	1,185	1,220	1,228	6.02%	2.97%	0.66%
542304	C P NATIONAL CORP-CA	4,323	4,720	4,425	5,640	9.20%	-6.25%	27.44%
542301	CALAVERAS TEL CO	665	786	1,005	1,145	18.16%	27.88%	13.91%
542311	CALIF-OREGON TEL CO	393	479	479	471	21.89%	-0.03%	-1.53%
542308	CITIZENS UTIL OF CA	14,515	16,394	20,126	24,130	12.95%	22.77%	19.89%
542313	DUCCOR TELEPHONE CO	273	297	317	379	8.65%	6.77%	19.38%
542315	EVANS TEL CO.	3,476	4,998	5,073	5,798	43.80%	1.51%	14.30%
542318	FORESTHILL TEL CO.	N/A	885	1,199	1,212	N/A	35.47%	1.10%
542321	HAPPY VALLEY TEL CO	N/A	541	623	640	N/A	15.15%	2.69%
542322	HORNITOS TEL CO	N/A	255	266	288	N/A	4.14%	8.38%
542324	KERMAN TELEPHONE CO	955	1,066	1,187	1,407	11.55%	11.36%	18.57%
542346	PINNACLES TEL CO	220	203	256	322	-7.75%	26.21%	25.82%
542334	ROSEVILLE TEL CO	17,391	20,591	23,920	30,657	18.40%	16.17%	28.16%
542338	SIERRA TELEPHONE CO	N/A	4,297	5,073	5,236	N/A	18.06%	3.22%
542332	THE PONDEROSA TEL CO	2,305	2,473	2,647	2,951	7.30%	7.06%	11.46%
542339	THE SISKIYOU TEL CO	1,236	1,344	1,490	1,683	8.74%	10.88%	12.94%
542343	THE VOLCANO TEL CO	2,040	2,727	3,015	3,255	33.67%	10.57%	7.97%
542342	TUOLUMNE TEL CO	2,022	2,230	2,193	2,993	10.28%	-1.67%	36.50%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	163	179	N/A	N/A	9.74%
462192	BIG SANDY TELCOMM	229	233	241	250	2.03%	3.22%	3.74%
462181	BIJOU TEL COOP ASSOC	380	384	405	443	1.13%	5.59%	9.40%
462182	BLANCA TEL CO	139	158	169	186	14.12%	6.86%	9.99%
462204	COLUMBINE TEL CO	185	189	206	216	1.98%	8.83%	4.85%
462184	DELTA COUNTY TEL CO	769	833	822	851	8.25%	-1.32%	3.54%
462185	EAGLE TELECOMMUN INC	1,571	2,084	2,271	2,149	32.65%	9.00%	-5.39%
462186	EASTERN SLOPE RURAL	1,366	1,388	1,434	1,359	1.62%	3.34%	-5.26%
462187	EL PASO COUNTY TEL	820	887	889	792	8.17%	0.23%	-10.91%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	103	104	131	125	1.17%	26.23%	-4.64%
462190	HAXTUN TEL CO	412	410	422	442	-0.47%	2.94%	4.72%
462193	NUCLA-NATURITA TEL	247	224	228	204	-9.33%	2.02%	-10.61%
462194	NUNN TEL CO	88	96	102	115	9.03%	6.93%	11.84%
462196	PEETZ COOP TEL CO	42	47	51	50	12.63%	8.64%	-2.32%
462199	PLAINS COOP TEL ASSN	489	510	526	557	4.21%	3.12%	5.94%
462203	RYE TELEPHONE CO	368	388	420	489	5.31%	8.31%	16.46%
462207	STRASBURG TEL CO	369	359	363	383	-2.62%	1.15%	5.33%
461835	SUNFLOWER TEL - CO	110	122	112	111	11.00%	-7.65%	-1.46%
462208	UNIVERSAL TEL CO -CO	554	559	619	661	0.89%	10.64%	6.80%
462209	WIGGINS TEL ASSOC	449	452	497	527	0.63%	9.94%	6.06%
210336	ALLTEL FLORIDA INC.	11,144	11,712	12,977	13,754	5.10%	10.80%	5.99%
210291	FLORALA TEL CO	184	204	226	234	10.91%	10.97%	3.23%
210329	GULF TEL CO	1,304	1,570	1,706	1,875	20.41%	8.62%	9.91%
210331	INDIANTOWN SYSTEM	959	1,223	1,143	1,223	27.55%	-6.51%	7.00%
210335	NORTHEAST FLORIDA	1,203	1,405	1,821	2,095	16.80%	29.58%	15.07%
210338	QUINCY TEL CO-FL DIV	1,940	2,225	2,558	2,752	14.70%	14.98%	7.59%
210318	SOUTHLAND TEL-FL	205	293	372	597	42.81%	27.03%	60.49%
210339	ST JOSEPH TEL & TEL	4,129	4,362	5,226	5,872	5.64%	19.81%	12.34%
210330	VISTA-UNITED TELCOM	1,091	1,860	2,108	3,895	70.55%	13.31%	84.82%
220357	ALLTEL GEORGIA INC.	N/A	N/A	9,368	10,305	N/A	N/A	10.00%
220344	ALMA TEL CO	1,158	1,355	1,354	1,354	17.01%	-0.05%	0.00%
220347	BRANTLEY TEL CO	776	876	999	1,113	12.88%	14.06%	11.41%
220351	CAMDEN TEL & TEL CO	1,167	1,438	1,604	1,890	23.23%	11.51%	17.83%
220355	CITIZENS TEL CO - GA	991	1,045	1,174	1,303	5.51%	12.34%	10.91%
220356	COASTAL UTILITIES	4,077	4,590	5,275	5,608	12.58%	14.91%	6.32%
220281	CONTEL OF SOUTH - GA	9,853	13,782	17,019	18,768	39.88%	23.49%	10.27%
220358	DARIEN TEL CO	812	918	1,004	1,126	13.03%	9.35%	12.12%
220360	ELLIJAY TEL CO	1,366	1,586	1,815	2,058	16.05%	14.46%	13.36%
220371	INTERSTATE TEL CO	1,077	1,233	1,426	1,645	14.48%	15.63%	15.36%
220377	PINELAND TEL COOP	1,863	2,055	2,238	2,485	10.33%	8.89%	11.03%
220379	PLANT TEL. CO.	1,890	2,067	2,329	2,363	9.36%	12.64%	1.48%
220381	PUBLIC SERVICE TEL	1,952	2,233	2,456	2,630	14.42%	10.00%	7.09%
220338	QUINCY TEL CO-GA DIV	71	59	74	114	-17.39%	24.84%	55.06%
220386	STANDARD TEL CO	10,005	10,388	12,543	13,387	3.83%	20.74%	6.73%
220392	WAVERLY HALL TEL CO	262	302	328	369	15.34%	8.73%	12.57%
220394	WILKES TEL & ELC CO	1,493	1,601	1,913	1,931	7.27%	19.51%	0.91%
472213	ALBION TEL CO INC	255	271	286	304	6.59%	5.21%	6.58%
472215	CAMBRIDGE TEL CO	179	190	214	215	5.75%	12.93%	0.58%
472225	CENTURY TEL OF IDAHO	299	354	364	431	18.27%	2.85%	18.50%
472177	CONTEL OF WEST-ID	3,045	3,291	3,732	3,991	8.08%	13.38%	6.94%
472218	CUSTER TEL COOP	235	267	264	257	13.40%	-1.06%	-2.49%
472223	GEM STATE UTIL-ID	297	374	382	410	25.87%	2.34%	7.35%
472423	INLAND TEL-ID	87	83	84	85	-4.53%	0.42%	0.90%
472226	MIDVALE TEL EXCH INC	21	86	118	102	320.20%	36.66%	-13.29%
472231	PROJECT MUTUAL TEL	830	867	962	1,001	4.40%	10.97%	4.09%
472232	ROCKLAND TEL CO INC	107	110	126	129	3.27%	13.90%	2.35%
472233	RURAL TEL CO - ID	47	63	68	84	34.04%	7.94%	23.53%
472295	SILVER STAR TEL- ID	76	87	88	94	14.47%	1.08%	7.32%
472234	TROY TELEPHONE CO	202	224	236	267	10.98%	5.75%	13.08%
341000	ALLTEL ILLINOIS INC.	9,749	10,412	11,128	12,507	6.80%	6.88%	12.39%
341036	CONTEL OF ILLINOIS	47,105	52,774	57,348	64,134	12.04%	8.67%	11.83%
341004	EL PASO TEL CO	596	633	692	756	6.12%	9.38%	9.22%
341023	GRIDLEY TEL CO	546	552	576	615	1.00%	4.34%	6.88%
341037	IL CONSOLIDATED TEL	34,153	24,871	26,713	25,706	-27.18%	7.41%	-3.77%
341038	INLAND TEL CO	1,860	1,899	2,104	2,220	2.10%	10.79%	5.52%
341045	LEAF RIVER VLY TEL	229	245	249	262	7.00%	1.91%	4.98%
341055	MIDLAND TEL CO	1,562	1,670	1,739	1,829	6.91%	4.12%	5.19%
341060	MOULTRIE INDEPENDENT	238	246	266	271	3.39%	8.49%	1.63%
320753	CLAY CTY RURAL COOP	1,989	2,275	2,656	2,837	14.37%	16.76%	6.82%
320776	COMM CORP OF INDIANA	N/A	1,530	1,367	1,536	N/A	-10.61%	12.32%
320779	CONTEL OF INDIANA	26,681	29,289	32,050	38,418	9.77%	9.43%	19.87%
320797	NEW PARIS TEL INC	368	420	424	431	14.16%	1.05%	1.51%
320800	NORTHWESTERN INDIANA	2,666	2,963	3,192	3,699	11.12%	7.74%	15.88%
351346	ACE TEL ASSN-IA	573	806	949	1,322	40.53%	17.79%	39.26%
351105	AYRSHIRE FARMERS MUT	155	175	188	253	12.55%	7.42%	34.57%
351110	BERNARD TEL CO INC	179	187	222	312	4.50%	18.45%	40.64%
351127	CENTEL OF IOWA	N/A	12,433	12,349	12,638	N/A	-0.68%	2.34%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	1,141	1,258	1,523	2,150	10.21%	21.11%	41.16%
351229	LOST NATION-ELWOOD	193	201	255	372	4.29%	26.94%	45.66%
351316	UNITED FARMERS TEL	N/A	229	249	346	N/A	8.59%	38.96%
351327	WEBB-DICKENS TEL	196	225	235	311	14.33%	4.64%	32.34%
411741	ASSARIA TEL EXCHANGE	38	270	281	302	618.24%	4.03%	7.46%
411746	BLUE VALLEY TEL CO	994	1,045	1,025	21,149	5.22%	-1.97%	1963.54%
411818	CRAW-KAN TEL COOP	3,631	3,897	4,132	4,377	7.30%	6.03%	5.94%
411761	CUNNINGHAM TEL CO	445	477	487	508	7.24%	2.01%	4.41%
411764	ELKHART TEL CO INC	237	271	257	278	14.37%	-5.07%	8.40%
411781	H & B COMMUNICATIONS	358	366	378	381	2.11%	3.27%	0.85%
411782	HOME TEL CO	550	571	625	630	3.76%	9.38%	0.92%
411785	J. B. N. TEL CO INC	746	755	818	881	1.30%	8.34%	7.65%
411788	KANOKLA TEL ASSN-KS	590	603	607	613	2.08%	0.74%	0.96%
411801	MADISON TEL CO INC	200	208	206	230	4.08%	-0.75%	11.53%
411807	MOKAN DIAL INC-KS	711	793	886	963	11.49%	11.73%	8.66%
411808	MOUNDRIDGE TEL CO	757	799	801	883	5.46%	0.29%	10.25%
411814	PEOPLES MUTUAL TEL	296	310	317	318	4.78%	2.13%	0.49%
411817	PIONEER TEL ASSN INC	N/A	3,041	2,899	3,585	N/A	-4.67%	23.68%
411826	RURAL TEL SERVICE CO	2,236	2,224	2,256	2,379	-0.54%	1.45%	5.45%
411827	S & T TEL COOP ASSN	582	613	609	645	5.27%	-0.65%	6.04%
411831	S. CENTRAL TEL - KS	408	417	426	434	2.16%	2.14%	1.90%
411835	SUNFLOWER TEL CO	948	969	998	1,010	2.14%	3.04%	1.15%
412030	TOTAH TELEPHONE CO	447	464	485	501	3.74%	4.54%	3.27%
411840	TWIN VALLEY TEL INC	706	737	765	844	4.32%	3.93%	10.30%
411841	UNITED TEL ASSN	1,799	1,909	1,983	1,940	6.07%	3.91%	-2.20%
411847	WHEAT STATE TEL, INC	794	815	911	1,036	2.65%	11.84%	13.75%
411849	WILSON TEL CO INC	623	653	711	730	4.79%	8.92%	2.69%
411852	ZENDA TEL COMPANY	104	106	104	108	2.09%	-1.81%	3.58%
260410	CONTEL OF KENTUCKY	9,914	12,305	13,730	15,221	24.11%	11.58%	10.86%
270431	CADDOAN TEL CO	1,623	1,806	1,860	2,016	11.23%	3.03%	8.38%
270425	CAMERON TEL CO - LA	1,500	1,637	1,872	2,482	9.13%	14.34%	32.58%
270423	CENTRAL LOUISIANA	3,284	3,509	3,757	4,126	6.85%	7.07%	9.83%
270436	CENTURY NORTH LA	373	353	1,821	1,954	-5.40%	416.43%	7.35%
270440	CENTURY TEL CO	635	675	690	789	6.35%	2.14%	14.37%
270424	COASTAL TEL & ELEC	3,123	3,185	3,277	3,424	1.99%	2.89%	4.49%
270429	EAST ASCENSION TEL	7,198	7,276	7,603	10,588	1.08%	4.50%	39.26%
270430	ELIZABETH TEL CO	455	461	484	524	1.43%	4.87%	8.30%
270434	EVANGELINE TEL CO	7,189	7,616	7,638	8,318	5.93%	0.29%	8.91%
270433	LAFOURCHE TEL CO	2,737	2,887	3,332	4,441	5.48%	15.42%	33.28%
270442	LOUISIANA WESTERN	954	1,049	1,061	1,192	9.93%	1.22%	12.31%
270435	NORTHEAST LOUISIANA	306	331	346	360	8.26%	4.37%	4.21%
270438	RESERVE TEL CO	N/A	N/A	1,136	1,758	N/A	N/A	54.79%
100004	CHINA TEL CORP	N/A	1,076	1,188	1,308	N/A	10.40%	10.16%
100014	CONTEL OF MAINE	10,223	11,486	12,868	13,757	12.36%	12.03%	6.91%
100010	HAMPDEN TEL CO	N/A	592	676	808	N/A	14.18%	19.39%
100011	HARTLAND & ST ALBANS	723	840	956	1,056	16.24%	13.82%	10.42%
100003	LINCOLNVILLE TEL CO	279	318	332	379	14.06%	4.17%	14.35%
100024	SOMERSET TEL CO	2,235	2,571	2,969	3,226	15.05%	15.46%	8.68%
100025	STANDISH TEL CO	N/A	2,187	2,459	2,746	N/A	12.42%	11.68%
100027	UNION RIVER TEL CO	185	296	246	400	60.43%	-16.87%	62.60%
100029	UNITY TEL CO., INC.	N/A	1,242	1,421	1,477	N/A	14.39%	3.93%
100031	WARREN TEL CO	560	666	787	878	18.93%	18.25%	11.51%
100034	WEST PENOBSCOT TEL	618	694	808	892	12.34%	16.40%	10.40%
310704	ACE TEL OF MICHIGAN	1,101	1,287	1,524	1,710	16.95%	18.38%	12.18%
310681	ALLTEL MICHIGAN INC.	13,552	14,762	16,191	17,866	8.93%	9.68%	10.34%
310679	BLOOMINGDALE TEL CO	689	775	855	920	12.53%	10.26%	7.61%
310682	C, C & S TELCO - MI	4,242	4,806	5,392	5,712	13.30%	12.18%	5.95%
310683	CARR TEL CO	239	336	370	403	40.83%	10.09%	9.01%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	12,570	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	12,308	14,427	15,797	17,740	17.22%	9.50%	12.30%
310685	CHATHAM TEL CO - MI	525	585	621	676	11.56%	5.99%	8.89%
310680	CHIPPEWA COUNTY TEL	243	289	325	363	19.16%	12.28%	11.83%
310713	HIAWATHA TEL CO	223	886	1,046	1,171	297.87%	18.14%	11.91%
310711	MIDWAY TEL CO	168	180	193	205	7.31%	6.91%	6.38%
310714	OGDEN TEL CO	N/A	87	103	113	N/A	18.52%	9.36%
310717	ONTONAGON COUNTY TEL	549	640	686	751	16.64%	7.24%	9.44%
310721	PIGEON TEL CO	1,116	1,205	1,288	1,307	8.02%	6.84%	1.49%
310728	SPRINGPORT TEL CO	651	739	815	830	13.59%	10.27%	1.82%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	1,083	1,278	1,403	1,476	17.98%	9.81%	5.17%
310737	WINN TEL CO	N/A	387	427	420	N/A	10.21%	-1.59%
310738	WOLVERINE TEL CO	2,575	2,905	3,232	3,427	12.82%	11.25%	6.04%
361346	ACE TEL ASSN-MN	1,560	1,682	1,843	2,013	7.81%	9.59%	9.18%
361374	ARROWHEAD COMM CORP	61	193	213	221	214.11%	10.29%	3.85%
361350	ARVIG TEL CO	1,268	1,382	1,515	1,616	8.96%	9.65%	6.66%
361370	CLARA CITY TEL EXCH	423	442	440	432	4.53%	-0.55%	-1.80%
361140	CONTEL MN DBA GTE MN	23,041	22,192	24,589	28,818	-3.68%	10.80%	17.20%
361385	EAST OTTER TAIL TEL	1,861	2,251	2,592	2,523	20.98%	15.13%	-2.65%
361395	GARDEN VALLEY TEL CO	3,303	3,594	3,788	3,772	8.79%	5.41%	-0.42%
361410	JOHNSON TEL CO	241	256	269	300	6.02%	5.11%	11.66%
361414	LAKEDALE TEL CO	3,048	3,544	3,895	4,335	16.26%	9.89%	11.31%
361433	MID STATE TEL CO	1,096	1,196	1,292	1,463	9.16%	7.99%	13.24%
361442	NEW ULM TELECOM, INC	1,990	2,087	2,325	2,373	4.84%	11.43%	2.07%
361451	PAUL BUNYAN RURAL	916	1,041	1,131	1,257	13.68%	8.59%	11.22%
361483	SLEEPY EYE TEL CO	1,460	1,553	1,662	1,758	6.31%	7.03%	5.78%
361491	TWIN VALLEY-ULEN TEL	601	651	729	702	8.36%	11.93%	-3.69%
280453	ALLTEL MISSISSIPPI	N/A	N/A	1,529	1,701	N/A	N/A	11.27%
280446	BAY SPRINGS TEL CO	1,740	2,020	2,094	1,939	16.10%	3.67%	-7.43%
280452	DELTA TEL CO	507	628	777	777	23.95%	23.67%	0.00%
280454	FRANKLIN TEL CO - MS	1,122	1,478	1,704	1,872	31.67%	15.30%	9.90%
280458	HOME TEL CO-OLIVE BR	N/A	818	894	970	N/A	9.32%	8.51%
280461	SOUTHEAST MS TEL CO	392	774	841	1,119	97.52%	8.72%	33.03%
421885	ALLTEL MISSOURI	6,497	7,016	7,362	7,814	7.99%	4.94%	6.13%
421865	CITIZENS TEL CO - MO	1,051	1,102	1,153	1,186	4.88%	4.65%	2.83%
421922	CONTEL OF MISSOURI	54,168	58,488	64,981	70,755	7.98%	11.10%	8.89%
421846	CONTINENTAL SYS. -MO	10,641	11,113	11,539	12,095	4.44%	3.83%	4.82%
421873	EASTERN MISSOURI TEL	934	1,015	1,038	1,135	8.65%	2.29%	9.31%
421882	FIDELITY TEL CO	2,704	3,062	3,406	3,591	13.24%	11.25%	5.43%
421886	GOODMAN TEL CO	506	537	571	593	6.01%	6.34%	3.81%
421888	GRAND RIVER MUT-MO	2,657	2,868	3,110	3,281	7.93%	8.43%	5.53%
421929	HOLWAY TEL CO	185	196	196	218	5.46%	0.00%	11.28%
421901	KINGDOM TELEPHONE	1,294	1,253	1,327	1,345	-3.17%	5.91%	1.36%
421908	LE-RU TELEPHONE CO	269	280	297	315	4.20%	6.07%	5.86%
421904	MISSOURI TEL CO	3,422	3,588	3,778	4,196	4.86%	5.28%	11.06%
421807	MOKAN DIAL INC-MO	238	268	286	317	12.65%	6.63%	10.94%
421931	NE MISSOURI RURAL	807	859	927	966	6.43%	8.03%	4.15%
421934	ORCHARD FARM TEL CO	490	506	541	567	3.30%	7.03%	4.74%
421951	STOUTLAND TEL CO	281	309	345	371	10.14%	11.68%	7.61%
482235	BLACKFOOT TEL COOP	1,735	1,916	2,084	2,119	10.48%	8.77%	1.63%
482241	HOT SPRINGS TEL CO	N/A	120	125	122	N/A	3.91%	-2.33%
482242	INTERBEL TEL COOP	130	142	167	176	9.23%	17.71%	5.68%
482244	LINCOLN TEL CO INC	165	187	200	214	13.57%	6.80%	6.94%
482246	MID-RIVERS TEL COOP	232	1,622	1,738	1,688	599.09%	7.18%	-2.87%
482247	NEMONT TEL COOP-MT	734	768	801	810	4.75%	4.26%	1.04%
482248	NORTHERN TEL COOP	517	561	586	639	8.56%	4.49%	9.08%
482249	NW TEL SYSTEMS, INC.	8,231	9,706	10,003	9,789	17.91%	3.06%	-2.13%
482250	PROJECT TEL CO	757	803	886	933	6.01%	10.38%	5.27%
482251	RANGE TEL COOP-MT	736	828	896	1,020	12.46%	8.27%	13.82%
482254	SOUTHERN MONTANA TEL	190	213	238	264	12.19%	11.89%	10.68%
482257	TRIANGLE TEL COOP	2,356	2,512	2,679	2,847	6.60%	6.64%	6.30%
482258	VALLEY RURAL TEL	187	215	226	227	14.96%	5.06%	0.65%
482255	3-RIVERS TEL COOP	2,168	2,199	2,708	2,836	1.46%	23.13%	4.74%
371516	ARAPAHOE TEL CO	250	264	277	294	5.51%	4.73%	6.39%
371517	ARLINGTON TEL CO	368	386	381	448	4.86%	-1.12%	17.37%
372455	BENKELMAN TEL CO	N/A	178	177	174	N/A	-0.02%	-1.86%
371524	BLAIR TEL CO	1,637	1,736	1,687	1,574	6.04%	-2.79%	-6.71%
371526	CAMBRIDGE TEL CO -NE	N/A	211	286	298	N/A	35.74%	3.99%
371531	CLARKS TEL CO	118	139	340	336	18.62%	143.49%	-1.11%
371534	COZAD TEL CO	774	661	710	744	-14.63%	7.48%	4.78%
371536	CURTIS TEL CO	184	185	189	203	0.56%	2.20%	7.50%
371537	DALTON TEL CO, INC	371	392	396	407	5.76%	1.03%	2.76%
371540	DILLER TEL CO	289	302	305	321	4.76%	1.04%	4.99%
371542	EASTERN NEBRASKA TEL	747	782	756	751	4.61%	-3.32%	-0.63%
371577	GREAT PLAINS COMMUN	6,809	6,954	7,105	7,388	2.13%	2.17%	3.99%
371557	HARTMAN TEL EXCH INC	89	92	96	100	3.33%	4.42%	3.80%
371558	HEMINGFORD COOP TEL	102	113	120	115	11.09%	6.01%	-4.48%
371567	KEYSTONE-ARTHUR TEL	114	116	119	129	1.05%	2.79%	8.21%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	832	879	1,488	1,521	5.69%	69.34%	2.23%
371580	PETERSBURG TEL CO	151	160	164	169	5.39%	2.82%	3.02%
371586	ROCK COUNTY TEL CO	259	259	239	231	0.17%	-7.80%	-3.34%
371591	SE NEBRASKA TEL CO	N/A	452	483	472	N/A	6.75%	-2.17%
371592	STANTON TEL CO, INC	313	331	340	339	5.67%	2.70%	-0.32%
371525	THREE RIVER TELCO	291	305	301	317	4.98%	-1.49%	5.28%
371597	WAUNETA TEL CO	173	184	182	187	6.09%	-0.88%	2.39%
552284	BEEHIVE TEL CO - NV	N/A	40	60	23	N/A	49.08%	-62.26%
552349	CHURCHILL COUNTY TEL	1,137	1,362	1,499	1,590	19.88%	10.02%	6.06%
552304	CP NATIONAL-NV	1,896	2,676	2,326	2,719	41.11%	-13.07%	16.92%
552223	GEM STATE UTIL-NV	42	60	68	64	43.24%	13.25%	-5.50%
552351	LINCOLN CTY TEL SYS	369	403	439	473	9.01%	8.90%	7.79%
552353	MOAPA VALLEY TEL CO.	374	413	463	614	10.53%	12.04%	32.76%
552354	NEVADA TEL-TELEGRAPH	594	640	610	682	7.72%	-4.63%	11.83%
552356	RIO VIRGIN TEL CO	135	186	236	377	37.20%	27.43%	59.44%
552233	RURAL TEL CO - NV	40	141	212	232	253.01%	50.48%	9.61%
120038	BRETTON WOODS TEL CO	49	75	91	82	53.70%	20.75%	-9.40%
120040	CHICHESTER TEL CO	N/A	304	367	503	N/A	20.68%	37.21%
120041	CONTEL OF NH	2,423	2,642	2,847	2,980	9.02%	7.78%	4.66%
120039	GRANITE STATE TEL	1,574	1,712	1,896	2,031	8.83%	10.73%	7.12%
120045	KEARSARGE TEL CO	1,873	2,054	2,242	2,362	9.67%	9.17%	5.34%
120046	MERIDEN TEL CO	94	108	119	129	14.36%	9.78%	8.41%
120047	MERRIMAK COUNTY TEL	1,643	1,823	1,995	2,087	10.98%	9.45%	4.62%
120049	UNION TEL CO	1,104	1,312	1,456	1,670	18.85%	10.93%	14.70%
120050	WILTON TEL CO - NH	666	705	774	839	5.88%	9.79%	8.41%
160135	WARWICK VALLEY-NJ	3,622	3,925	4,316	4,628	8.38%	9.97%	7.23%
492259	BACA VALLEY TEL CO	126	135	137	144	7.01%	1.96%	4.47%
492177	CONTEL OF WEST - NM	6,335	6,541	7,346	8,057	3.24%	12.31%	9.67%
492066	DELL TEL CO-OP - NM	40	39	47	45	-3.04%	20.94%	-4.72%
492262	ENMR TEL COOP INC-NM	1,406	1,473	1,928	1,883	4.74%	30.92%	-2.36%
492263	LA JICARITA RURAL	314	315	340	360	0.21%	8.00%	5.90%
492264	LEACO RURAL TEL COOP	314	329	320	347	4.74%	-2.74%	8.55%
492275	NAVAJO COMMUN - NM	1,021	1,153	1,171	1,213	12.97%	1.56%	3.62%
492270	PENASCO VALLEY TEL	553	555	552	598	0.37%	-0.45%	8.26%
492272	ROOSEVELT CNTY RURAL	320	326	317	341	2.09%	-2.79%	7.43%
492274	UNIVERSAL TEL OF SW	913	983	1,036	1,119	7.71%	5.31%	8.04%
492176	VALLEY TEL COOP - NM	220	242	270	272	10.06%	11.44%	1.02%
492268	WESTERN NEW MEXICO	1,007	1,067	1,132	1,059	5.93%	6.08%	-6.43%
150106	ALLTEL NY-FULTON	1,439	6,040	6,835	7,584	319.62%	13.16%	10.95%
150109	ALLTEL NY-JAMESTOWN	1,488	6,765	7,282	7,650	354.52%	7.64%	5.06%
150113	ALLTEL NY-RED JACKET	664	806	881	895	21.46%	9.25%	1.54%
150072	AU SABLE VALLEY TEL	269	1,821	2,001	2,048	577.71%	9.89%	2.32%
150077	CHAMPLAIN TEL CO	1,278	1,334	1,424	1,548	4.42%	6.72%	8.74%
150078	CHAUTAUQUA & ERIE	1,928	2,086	2,427	2,632	8.17%	16.36%	8.45%
150081	CITIZENS HAMMOND NY	327	356	373	389	8.58%	4.86%	4.44%
150085	CROWN POINT TEL CORP	242	251	292	310	3.49%	16.19%	6.37%
150091	DUNKIRK & FREDONIA	1,205	1,364	1,469	1,534	13.15%	7.71%	4.45%
150092	EDWARDS TEL CO	629	703	746	795	11.74%	6.16%	6.56%
150093	EMPIRE TEL CORP	2,166	2,270	2,486	2,626	4.82%	9.50%	5.64%
150097	GERMANTOWN TEL CO	726	827	924	969	13.83%	11.74%	4.91%
150099	HANCOCK TEL CO	379	415	454	458	9.65%	9.29%	0.87%
150100	HIGHLAND TEL CO	21,272	22,398	24,145	23,653	5.29%	7.80%	-2.04%
150105	MIDDLEBURGH TEL CO	107	1,672	1,958	2,143	1465.16%	17.11%	9.45%
150108	NICHOLVILLE TEL CO	595	548	481	529	-8.03%	-12.25%	10.10%
150110	OGDEN TEL CO	1,657	1,812	2,065	2,138	9.36%	13.98%	3.50%
150116	PATTERSONVILLE TEL	N/A	264	378	399	N/A	42.77%	5.58%
150122	SENECA-GORHAM TEL	3,061	3,367	3,532	4,180	10.00%	4.91%	18.34%
150128	SYLVAN LAKE TEL CO	2,901	3,561	4,055	3,835	22.74%	13.87%	-5.42%
150084	TACONIC TEL CORP	4,546	4,953	5,426	5,860	8.95%	9.55%	8.00%
150133	VERNON TEL CO	541	597	620	659	10.27%	3.91%	6.29%
150135	WARWICK VALLEY-NY	2,540	4,410	4,755	4,978	73.61%	7.83%	4.70%
230476	ALLTEL CAROLINA-NO	16,465	17,648	17,828	19,342	7.19%	1.02%	8.50%
230468	ATLANTIC MEMBERSHIP	2,569	2,920	3,287	3,178	13.65%	12.57%	-3.32%
230469	BARNARDSVILLE TEL CO	246	118	78	84	-52.16%	-34.09%	8.61%
230473	CITIZENS TEL CO	1,784	1,953	2,210	2,243	9.47%	13.17%	1.50%
230474	CONCORD TEL CO	12,246	13,714	15,390	14,944	11.99%	12.22%	-2.89%
230509	CONTEL OF NC	11,064	14,116	15,905	16,343	27.58%	12.67%	2.76%
230481	HEINS TEL CO	4,391	4,417	5,374	5,573	0.60%	21.64%	3.72%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE TOLL MESSAGES BY STUDY AREA DATA (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	2,648	3,084	3,434	3,563	16.47%	11.35%	3.74%
230510	WILKES MEMBERSHIP	807	865	942	951	7.13%	8.90%	0.96%
381607	CONSOLIDATED COOP	754	743	782	827	-1.48%	5.27%	5.70%
381447	CONTEL ND DBA GTE ND	1,547	1,747	1,829	1,847	12.91%	4.72%	1.01%
381616	INTER-COMMUNITY TEL	408	431	439	452	5.57%	1.98%	3.06%
381617	MIDSTATE TEL CO	342	366	377	387	7.07%	3.01%	2.45%
381630	POLAR COMM MUT AID	1,661	1,763	1,846	1,705	6.12%	4.70%	-7.62%
381632	RESERVATION TEL COOP	1,061	1,184	1,193	1,210	11.61%	0.76%	1.36%
381634	SOURIS RIVER TELECOM	2,334	2,459	2,621	2,720	5.35%	6.60%	3.78%
381637	W. RIVER TELECOM.	1,704	2,015	2,086	1,993	18.24%	3.55%	-4.48%
300665	ALLTEL OHIO-WEST OH	5,099	5,482	5,564	6,232	7.50%	1.49%	12.02%
300682	C, C & S TELCO -OHIO	117	126	126	126	7.51%	-0.28%	0.24%
300607	CONTINENTAL OF OHIO	430	525	562	592	22.10%	6.92%	5.49%
300613	LITTLE MIAMI COMM.	306	353	651	736	15.37%	84.24%	13.12%
300597	THE CHILLICOTHE TEL	3,474	5,536	6,885	8,325	59.35%	24.37%	20.91%
431965	ALLTEL OKLAHOMA INC	4,703	4,858	4,957	5,135	3.30%	2.04%	3.60%
431966	ATLAS TEL CO	N/A	529	546	551	N/A	3.14%	0.94%
431974	CANADIAN VALLEY TEL	251	265	275	287	5.47%	4.03%	4.08%
431976	CARNEGIE TEL CO INC	502	494	517	477	-1.45%	4.60%	-7.69%
431979	CHEROKEE TEL CO	1,104	1,114	1,182	1,268	0.97%	6.08%	7.29%
431980	CHICKASAW TEL CO	2,833	2,962	2,991	3,396	4.56%	0.96%	13.56%
431981	CHOUTEAU TEL CO	844	881	984	964	4.35%	11.75%	-2.04%
431985	CROSS TEL CO	2,391	2,530	2,783	3,025	5.81%	9.98%	8.71%
431988	DOBSON TEL CO	1,260	1,334	1,268	1,281	5.91%	-4.97%	1.01%
431994	GRAND TEL CO INC	804	818	838	938	1.73%	2.39%	12.02%
431995	HINTON TEL CO	1,124	1,162	1,200	1,314	3.42%	3.24%	9.55%
431788	KANOKLA TEL ASSN-OK	385	389	359	371	1.08%	-7.71%	3.37%
432006	MLOUD TEL CO	1,675	1,759	1,779	1,826	5.04%	1.13%	2.67%
432011	OKLAHOMA ALLTEL, INC	3,186	3,412	3,722	4,067	7.09%	9.09%	9.25%
431984	OKLAHOMA COMM SYSTEM	4,678	4,793	4,966	5,481	2.46%	3.60%	10.38%
432013	OKLAHOMA TEL & TEL	657	713	771	N/A	8.50%	8.13%	N/A
432014	OKLAHOMA WESTERN TEL	714	802	820	896	12.35%	2.35%	9.23%
432016	PANHANDLE TEL COOP	1,223	1,305	1,395	1,146	6.74%	6.91%	-17.85%
432018	PIONEER TEL COOP INC	13,027	13,279	13,411	N/A	1.94%	0.99%	N/A
432020	POTTAWATOMIE TEL CO	675	626	700	699	-7.27%	11.77%	-0.13%
431831	S. CENTRAL TEL - OK	118	114	114	119	-2.96%	-0.28%	4.29%
432030	TOTAH TELEPHONE CO	859	825	859	898	-3.91%	4.03%	4.52%
432032	VALLIANT TEL CO	492	548	618	685	11.25%	12.88%	10.83%
432034	WYANDOTTE TEL CO	N/A	135	139	149	N/A	2.91%	7.44%
532404	ASOTIN TEL - OR	16	20	23	24	25.21%	13.16%	2.51%
532359	BEAVER CREEK COOP	798	862	934	1,030	7.98%	8.31%	10.35%
532304	C P NATIONAL CORP-OR	3,979	4,014	4,054	4,945	0.88%	1.01%	21.96%
532362	CANBY TEL ASSN	2,997	3,277	3,488	3,891	9.34%	6.43%	11.56%
532371	CASCADE UTIL INC	1,908	2,023	2,102	2,400	6.01%	3.90%	14.20%
532363	CLEAR CREEK MUTUAL	689	706	696	790	2.43%	-1.35%	13.51%
532364	COLTON TEL CO	360	386	406	483	7.19%	5.19%	18.84%
532449	CONTEL OF THE NW- OR	7,570	7,358	8,682	9,437	-2.80%	17.99%	8.69%
532376	HELIX TEL CO.	81	90	109	110	10.96%	20.53%	1.62%
532377	HOME TELEPHONE CO	132	145	150	166	10.47%	3.43%	10.11%
532456	MALHEUR HOME TEL CO	594	968	1,002	1,069	62.82%	3.53%	6.70%
532226	MIDVALE TEL EXCH -OR	82	48	62	56	-41.18%	29.30%	-11.02%
532383	MOLALLA TEL CO.	1,762	1,890	2,154	2,062	7.28%	13.97%	-4.30%
532385	MONROE TELEPHONE CO.	292	323	355	371	10.50%	10.03%	4.44%
532387	NEHALEM TEL & TEL	460	516	596	660	12.01%	15.50%	10.77%
532388	NORTH STATE TEL CO.	151	154	165	170	1.93%	7.15%	3.01%
532389	OREGON TEL CORP	555	594	645	656	7.12%	8.62%	1.75%
532392	PINE TEL SYSTEM INC.	127	131	144	148	3.61%	9.96%	2.64%
532393	PIONEER TEL COOP	2,399	2,665	2,979	3,347	11.09%	11.76%	12.36%
532375	RTI/HALSEY TEL CO	463	559	657	645	20.70%	17.41%	-1.81%
532397	SCIO MUTUAL TEL ASSN	505	552	589	586	9.23%	6.76%	-0.50%
532361	TEL UTIL OF OREGON	12,725	13,648	14,851	16,110	7.25%	8.81%	8.48%
532378	TRANS-CASCADES TEL	29	30	33	37	5.68%	8.53%	12.39%
170170	CONTEL OF PA	10,288	12,161	13,107	13,732	18.21%	7.78%	4.77%
170177	LACKAWAXEN TEL CO	N/A	554	633	696	N/A	14.19%	10.00%
170183	MAHANOY & MAHANTONGO	N/A	929	992	1,100	N/A	6.77%	10.95%
170192	NORTH PENN TEL CO	834	845	917	973	1.30%	8.51%	6.12%
170194	OSWAYO RIVER TEL CO	255	284	294	325	11.08%	3.82%	10.35%
170201	QUAKER STATE TEL CO	5,428	6,225	7,140	7,306	14.68%	14.69%	2.33%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	226	262	280	309	15.87%	6.56%	10.56%
633200	PUERTO RICO COMM	N/A	28,376	32,490	38,102	N/A	14.50%	17.27%
240512	BLUFFTON TEL. CO.	842	850	720	1,197	1.03%	-15.27%	66.14%
240526	CONTEL OF SC	1,853	2,620	2,830	3,157	41.39%	8.01%	11.55%
240520	FARMERS TEL COOP	5,850	7,046	8,515	9,877	20.44%	20.85%	15.99%
240523	HARGRAY TEL CO	2,757	3,113	3,100	6,269	12.95%	-0.45%	102.26%
240528	HORRY TEL COOP	5,525	9,035	6,630	6,630	63.52%	-26.62%	0.00%
240533	MCCLELLANVILLE TEL	363	454	528	575	25.06%	16.09%	8.95%
240539	POND BRANCH TEL CO	1,917	2,283	2,430	2,934	19.08%	6.43%	20.74%
240551	WILLISTON TEL CO	855	951	1,108	1,233	11.22%	16.53%	11.25%
391647	CHEYENNE RIVER SIOUX	419	448	410	389	6.83%	-8.48%	-5.09%
391643	CONTEL SD DBA GTE SD	1,295	1,778	2,213	2,381	37.35%	24.44%	7.59%
391659	GOLDEN WEST TELECOMM	2,371	2,735	2,625	2,643	15.35%	-4.01%	0.66%
391666	JEFFERSON TEL CO -SD	77	84	88	104	9.18%	5.39%	17.99%
391667	KADOKA TELEPHONE CO	108	126	138	150	16.62%	9.42%	8.81%
391668	KENNEBEC TEL CO	95	94	95	97	-0.46%	0.81%	1.90%
391689	WEST RIVER COOP	255	283	275	288	11.07%	-2.94%	4.60%
290552	ADAMSVILLE TEL CO	N/A	655	710	803	N/A	8.45%	13.02%
290571	MILLINGTON TEL CO	1,368	1,531	1,829	1,788	11.90%	19.48%	-2.25%
290575	TENNESSEE TEL CO	4,411	5,155	5,561	6,207	16.87%	7.87%	11.62%
290579	TWIN LAKES TEL COOP	3,279	3,671	3,977	4,271	11.98%	8.34%	7.38%
442121	ALLTEL TEXAS INC	755	718	819	828	-4.86%	14.07%	1.04%
442039	BIG BEND TEL CO INC	817	884	888	902	8.18%	0.46%	1.61%
442040	BRAZORIA TEL CO	1,323	1,384	1,472	1,594	4.63%	6.36%	8.33%
442041	BRAZOS TEL COOP INC	457	553	562	582	21.13%	1.52%	3.59%
440425	CAMERON TEL CO TEXAS	338	358	360	371	5.95%	0.54%	3.03%
442046	CAP ROCK TEL CO INC	850	957	929	922	12.58%	-2.93%	-0.75%
442052	CENTRAL TEXAS CO-OP	834	863	966	1,024	3.50%	11.86%	6.07%
442059	COLORADO VALLEY TEL	1,333	1,322	1,348	1,470	-0.85%	1.99%	9.03%
442066	DELL TEL. CO-OP - TX	143	129	163	157	-9.84%	26.63%	-3.72%
442068	EASTEX TEL COOP INC	4,703	6,626	5,810	6,276	40.87%	-12.32%	8.03%
442262	ENMR TEL COOP-TX	127	129	136	137	1.58%	5.85%	0.77%
442070	ETEX TEL COOP INC	3,263	3,478	3,606	3,734	6.59%	3.67%	3.55%
442071	FIVE AREA TEL CO-OP	479	466	450	468	-2.77%	-3.43%	3.99%
442072	FORT BEND TEL CO	3,248	3,592	3,899	4,251	10.61%	8.54%	9.03%
442076	GANADO TELEPHONE CO	462	489	519	525	5.84%	6.29%	1.13%
442083	GUADALUPE VALLEY TEL	6,392	6,983	8,124	9,276	9.24%	16.34%	14.18%
442086	HILL COUNTRY CO-OP	2,306	3,055	2,640	2,895	32.49%	-13.58%	9.67%
442093	INDUSTRY TEL CO	523	540	561	583	3.23%	3.96%	3.83%
442097	KERRVILLE TEL CO	3,571	3,306	3,500	3,741	-7.44%	5.86%	6.91%
442103	LA WARD TEL EXCHANGE	342	359	360	364	5.01%	0.19%	1.23%
442101	LAKE DALLAS TEL CO	2,940	2,952	3,379	3,795	0.41%	14.50%	12.31%
442104	LAKE LIVINGSTON TEL	204	198	213	222	-3.17%	7.85%	3.99%
442105	LIPAN TEL CO	N/A	N/A	355	368	N/A	N/A	3.56%
442109	LUFKIN-CONROE TEL EX	17,340	19,415	21,149	20,791	11.96%	8.93%	-1.69%
442112	MID-PLAINS RURAL TEL	878	880	867	904	0.31%	-1.57%	4.31%
442116	MUENSTER TEL CORP-TX	548	1,032	1,162	1,235	88.54%	12.57%	6.31%
442117	MUSTANG TEL CO	1,008	1,006	1,042	1,175	-0.17%	3.58%	12.79%
442130	PEOPLES TEL COOP -TX	2,188	2,297	2,428	2,674	5.00%	5.70%	10.10%
442131	POKA-LAMBRO TEL COOP	1,306	1,286	1,316	1,330	-1.54%	2.37%	1.02%
442134	RIVIERA TEL CO INC	368	394	390	375	6.96%	-1.05%	-3.62%
442147	SUGAR LAND TEL CO	2,046	3,959	5,628	7,177	93.45%	42.16%	27.52%
442150	TATUM TEL CO	N/A	N/A	358	386	N/A	N/A	7.93%
442151	TAYLOR TEL CO-OP INC	1,574	1,589	1,770	1,750	0.96%	11.41%	-1.11%
442159	VALLEY TEL CO-OP -TX	1,926	2,574	2,169	2,441	33.67%	-15.75%	12.56%
442168	WES-TEX TEL CO-OP	1,001	1,017	1,020	1,072	1.59%	0.28%	5.12%
442166	WEST TEXAS RURAL TEL	722	714	702	620	-1.19%	-1.07%	-11.57%
442170	XIT RURAL TEL CO-OP	296	307	322	331	3.60%	4.94%	2.78%
502284	BEEHIVE TEL CO - UT	N/A	131	200	272	N/A	52.36%	36.08%
502277	CENTRAL UTAH TEL INC	185	198	221	272	6.76%	11.85%	22.87%
502177	CONTEL THE WEST - UT	3,148	3,053	3,630	4,140	-3.01%	18.90%	14.04%
502278	EMERY COUNTY FARMERS	724	686	743	712	-5.21%	8.27%	-4.18%
502280	KAMAS-WOODLAND TEL	444	497	537	617	11.91%	7.90%	15.04%
502275	NAVAJO COMMUN - UT	57	61	65	66	7.35%	6.15%	0.50%
502286	SOUTH CENTRAL UTAH	471	487	624	679	3.40%	28.13%	8.81%
502287	UINTAH BASIN TEL	793	591	660	674	-25.47%	11.68%	2.12%
502288	UT-WY TELECOM	85	83	92	101	-2.28%	10.74%	9.09%
140070	CONTEL OF VERMONT	7,345	8,079	8,520	9,007	10.00%	5.46%	5.71%

TABLE 4.7
STATE TOLL MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
	1987	1988	1989	1990	1988	1989	1990
140058 LUDLOW TEL CO	720	811	814	770	12.60%	0.40%	-5.45%
140061 NORTHFIELD TEL CO	718	733	822	916	2.17%	12.09%	11.42%
140062 PERKINSVILLE TEL CO	225	297	322	345	32.21%	8.23%	7.06%
140068 TOPSHAM TEL CO	193	205	240	274	6.68%	17.02%	14.17%
643300 VIRGIN ISLANDS TEL	0	0	0	0	0.00%	0.00%	0.00%
140069 WAITSFIELD/FAYSTON	758	847	974	1,034	11.70%	14.92%	6.20%
190217 AMELIA TEL CORP	845	1,049	1,219	1,355	24.08%	16.25%	11.15%
190249 ROANOKE & BOTETOURT	N/A	1,384	1,839	1,765	N/A	32.90%	-4.02%
522404 ASOTIN TEL - WA	68	84	88	105	24.19%	4.83%	18.98%
522449 CONTEL OF THE NW-WA	5,639	16,612	19,413	22,121	194.59%	16.86%	13.95%
522410 COWICHE TELEPHONE CO	646	656	692	779	1.48%	5.43%	12.60%
522412 ELLENSBURG TEL CO	2,918	2,979	3,417	4,039	2.09%	14.68%	18.21%
522417 HAT ISLAND	N/A	9	11	N/A	N/A	22.22%	N/A
522419 HOOD CANAL TEL CO	265	280	294	330	5.90%	4.95%	12.25%
522423 INLAND TEL CO -WA	287	350	360	407	21.80%	2.94%	12.97%
522426 KALAMA TEL CO	704	751	815	892	6.63%	8.55%	9.42%
522427 LEWIS RIVER TEL CO	969	1,074	1,174	1,295	10.79%	9.30%	10.35%
522431 MASHELL TEL CO INC	830	909	983	1,117	9.57%	8.19%	13.55%
522436 PENINSULA TELECOMM	1,261	1,352	1,431	1,589	7.25%	5.86%	11.06%
522437 PIONEER TEL CO	222	226	238	265	1.88%	5.61%	11.04%
522442 ST JOHN TEL CO	194	203	206	219	4.64%	1.35%	6.15%
522408 TEL UTIL OF WA INC	27,465	30,119	33,355	36,756	9.67%	10.74%	10.20%
522446 TENINO TELEPHONE CO	993	1,091	1,201	1,353	9.87%	10.02%	12.69%
522447 TOLEDO TELEPHONE CO	506	545	606	657	7.64%	11.30%	8.43%
522451 WESTERN WAHIAKUM	222	217	248	N/A	-2.25%	14.29%	N/A
522452 WHIDBEY TEL CO	1,666	1,924	2,267	N/A	15.49%	17.83%	N/A
522453 YELM TELEPHONE CO	2,304	2,219	2,613	2,970	-3.67%	17.75%	13.64%
200278 CONTEL OF WV	5,445	5,775	6,400	6,530	6.05%	10.82%	2.04%
200259 HARDY TEL CO	127	145	184	174	14.20%	26.40%	-5.42%
200270 MOUNTAIN STATE TEL	3,695	4,031	4,422	4,656	9.09%	9.71%	5.29%
330841 CENCOM OF WISCONSIN	3,699	4,430	4,894	5,890	19.75%	10.48%	20.35%
330859 CENTRAL STATE TEL CO	1,723	1,989	2,093	2,474	15.47%	5.20%	18.21%
330895 CENTURY OF WISCONSIN	4,270	4,978	5,679	6,205	16.58%	14.08%	9.26%
330860 CHEQUAMEGON TEL COOP	956	1,091	1,288	1,399	14.05%	18.11%	8.56%
330870 CRANDON TEL CO	411	461	526	554	12.31%	14.02%	5.25%
330891 HEADWATERS TEL CO	139	628	657	739	350.40%	4.68%	12.49%
330936 INDIANHEAD TEL CO	365	450	475	537	23.43%	5.56%	12.89%
330908 MARQUETTE-ADAMS COOP	639	700	769	858	9.54%	9.75%	11.68%
330909 MIDWAY TEL CO	1,367	1,573	1,688	1,832	15.10%	7.26%	8.54%
330913 MONROE COUNTY TEL CO	1,759	1,859	1,978	2,531	5.68%	6.40%	27.96%
330916 MOUNT HOREB TEL CO	405	458	523	656	12.89%	14.17%	25.64%
330917 MT VERNON TEL CO	884	1,047	1,143	1,315	18.36%	9.25%	15.04%
330922 NORTH-WEST TEL CO	10,278	13,362	15,126	17,489	30.01%	13.20%	15.62%
330931 PEOPLES TEL CO	1,393	1,538	1,648	1,830	10.42%	7.16%	11.06%
330934 PLATTEVILLE TEL CO	1,147	1,291	1,410	1,542	12.56%	9.18%	9.35%
330937 PRICE COUNTY TEL CO	699	745	853	855	6.51%	14.54%	0.20%
330940 RHINELANDER TEL CO	1,703	2,175	2,325	2,569	27.69%	6.93%	10.49%
330952 SE TEL OF WISCONSIN	1,472	1,675	1,846	2,096	13.76%	10.22%	13.57%
330950 SOLON SPRINGS TEL CO	2,313	2,589	2,756	3,208	11.95%	6.47%	16.39%
330956 UNIVERSAL OF N WISC	2,134	2,378	2,502	3,056	11.41%	5.25%	22.10%
330964 URBAN TEL CORP	3,301	3,941	4,419	5,371	19.39%	12.13%	21.54%
330963 UTELCO, INC	2,030	2,283	2,514	2,657	12.46%	10.13%	5.66%
330974 WOOD COUNTY TEL CO	3,085	3,451	4,117	4,265	11.86%	19.30%	3.59%
512291 DUBOIS TEL EXCHANGE	279	284	302	312	1.88%	6.30%	3.27%
512251 RANGE TEL COOP - WY	292	298	333	381	2.08%	11.56%	14.47%
512295 SILVER STAR TEL-WY	176	190	218	250	7.74%	15.04%	14.34%
512299 TEL. UTIL. OF WY.	472	566	672	725	19.77%	18.78%	7.89%
512297 UNION TELEPHONE CO	496	550	544	607	10.87%	-1.12%	11.52%
512290 UTAH-WYOMING TELECOM	34	32	38	51	-6.83%	21.76%	31.61%
NON-TIER 1 COST COMPANIES	1,104,260	1,312,029	1,456,314	1,611,345	18.82%	11.00%	10.65%
TOTAL COST COMPANIES	23,699,288	25,510,003	27,318,930	31,065,133	7.64%	7.09%	13.71%
AVERAGE SCHEDULE ESTIMATE	519,000	678,908	708,943	743,326	30.81%	4.42%	4.85%
TOTAL INDUSTRY	24,218,288	26,188,911	28,027,873	31,808,459	8.14%	7.02%	13.49%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME	ANNUAL PERCENTAGE CHANGES						
		1987	1988	1989	1990			
250293	GTE SOUTH INC. - AL	18,911	18,632	11,340	11,410	-1.48%	-39.14%	0.62%
255181	SO CENTRAL BELL-AL	217,560	245,795	283,302	314,959	12.98%	15.26%	11.17%
452302	CONTEL CALIF - AZ	966	1,251	1,589	1,646	29.51%	27.02%	3.59%
455101	MOUNTAIN BELL - AZ	344,419	372,150	379,084	525,060	8.05%	1.86%	38.51%
401730	CONTEL OF ARKANSAS	2,082	7,793	8,345	9,036	274.28%	7.08%	8.28%
402080	GTE SOUTHWEST INC-AR	7,120	7,912	8,992	11,271	11.12%	13.65%	25.34%
405211	SOUTHWESTERN BELL-AR	139,675	140,601	143,670	165,410	0.66%	2.18%	15.13%
542302	CONTEL OF CALIFORNIA	28,097	33,462	41,480	49,917	19.09%	23.96%	20.34%
542319	GTC OF CALIFORNIA	291,866	343,293	166,852	206,828	17.62%	-51.40%	23.96%
545170	PACIFIC BELL	1,160,075	1,234,332	1,341,229	1,473,419	6.40%	8.66%	9.86%
542344	WEST COAST TEL OF CA	1,097	1,402	1,033	1,236	27.80%	-26.32%	19.65%
465102	MOUNTAIN BELL-CO	379,921	405,786	412,944	504,091	6.81%	1.76%	22.07%
135200	SOUTHERN NEW ENGLAND	415,464	492,331	553,898	597,240	18.50%	12.51%	7.82%
575020	C & P TEL CO OF WASH	185,172	186,647	221,488	196,996	0.80%	18.67%	-11.06%
565010	DIAMOND STATE TEL	107,144	117,732	131,275	142,538	9.88%	11.50%	8.58%
210340	CENTEL OF FLORIDA	31,195	40,233	45,001	50,843	28.97%	11.85%	12.98%
210328	GTE FLORIDA INC.	168,557	249,066	363,511	198,219	47.76%	45.95%	-45.47%
215191	SOUTHERN BELL-FL	656,063	830,322	1,053,444	1,092,413	26.56%	26.87%	3.70%
210341	UTC OF FLORIDA	108,736	122,549	150,783	184,952	12.70%	23.04%	22.66%
220479	GTE SOUTH INC.- GA	23,111	26,151	16,353	18,053	13.15%	-37.47%	10.40%
225192	SOUTHERN BELL-GA	505,856	602,340	720,487	744,548	19.07%	19.61%	3.34%
623100	GTE HAWAIIAN TEL. CO	54,426	68,208	57,393	53,654	25.32%	-15.86%	-6.51%
472416	GTE NORTHWEST INC-ID	15,195	16,003	12,422	12,566	5.32%	-22.38%	1.16%
475103	MOUNTAIN BELL-ID	69,158	71,584	75,191	97,700	3.51%	5.04%	29.94%
475162	PACIFIC NW BELL-ID	5,070	5,703	6,038	6,126	12.49%	5.87%	1.46%
340985	CENTEL OF ILLINOIS	30,548	38,367	44,483	51,138	25.60%	15.94%	14.96%
341015	GTE NORTH INC. - IL	49,375	60,890	86,936	98,340	23.32%	42.78%	13.12%
345070	ILLINOIS BELL TEL CO	1,038,817	1,108,550	1,309,893	1,455,593	6.71%	18.16%	11.12%
320772	GTE NORTH INC. - IN	71,851	86,460	110,635	115,863	20.33%	27.96%	4.73%
325080	INDIANA BELL TEL CO	284,330	314,700	362,156	408,204	10.68%	15.08%	12.71%
320832	UTC OF INDIANA	20,857	24,075	27,921	29,103	15.43%	15.98%	4.23%
351207	CONTEL IA DBA GTE IA	11,774	12,672	8,292	10,573	7.63%	-34.57%	27.51%
351186	GTE NORTH INC. - IA	9,243	10,485	11,298	16,519	13.44%	7.75%	46.21%
355141	NORTHWESTERN BELL-IA	201,922	209,221	201,801	209,784	3.61%	-3.55%	3.96%
415214	SOUTHWESTERN BELL-KS	187,757	200,037	212,309	246,322	6.54%	6.13%	16.02%
411842	UTC OF KANSAS	7,511	8,860	10,554	10,340	17.96%	19.13%	-2.04%
265061	CINCINNATI BELL-KY	17,798	21,400	25,957	31,321	20.24%	21.29%	20.66%
260407	GTE SOUTH INC. - KY	43,422	48,267	30,323	33,190	11.16%	-37.18%	9.45%
265182	SO CENTRAL BELL-KY	134,492	152,964	179,556	187,919	13.73%	17.38%	4.66%
275183	SO CENTRAL BELL-LA	247,724	281,826	333,579	395,847	13.77%	18.36%	18.67%
105111	NEW ENGLAND TEL-ME	70,623	94,169	94,593	117,425	33.34%	0.45%	24.14%
185030	C & P TEL CO OF MD	449,431	499,991	539,088	622,130	11.25%	7.82%	15.40%
115112	NEW ENGLAND TEL-MA	581,353	777,671	818,414	925,482	33.77%	5.24%	13.08%
310695	GTE NORTH INC. - MI	36,596	42,807	65,076	75,936	16.97%	52.02%	16.69%
315090	MICHIGAN BELL TEL CO	513,746	590,673	670,302	761,607	14.97%	13.48%	13.62%
361367	CENTEL OF MN	6,456	9,188	9,563	11,851	42.31%	4.08%	23.93%
361186	GTE NORTH INC. - MN	332	362	415	496	9.04%	14.64%	19.52%
365142	NORTHWESTERN BELL-MN	319,758	341,916	332,947	356,611	6.93%	-2.62%	7.11%
361456	UTC OF MINNESOTA	6,961	8,873	12,017	12,440	27.46%	35.45%	3.52%
285184	SO CENTRAL BELL-MS	153,706	168,814	200,446	207,722	9.83%	18.74%	3.63%
421186	GTE NORTH INC. - MO	9,706	10,579	11,362	13,335	8.99%	7.40%	17.36%
425213	SOUTHWESTERN BELL-MO	331,002	353,633	379,943	447,516	6.84%	7.44%	17.79%
421957	UTC OF MISSOURI	19,249	22,863	27,347	29,784	18.78%	19.61%	8.91%
482416	GTE NORTHWEST INC-MT	916	924	649	675	0.87%	-29.76%	4.01%
485104	MOUNTAIN BELL-MT	53,676	60,776	64,322	74,018	13.23%	5.83%	15.07%
371186	GTE NORTH INC. - NE	4,215	4,608	5,081	7,047	9.32%	10.26%	38.69%
371568	LINCOLN TEL & TEL CO	27,543	33,390	36,014	42,872	21.23%	7.86%	19.04%
375143	NORTHWESTERN BELL-NE	109,823	120,783	103,340	111,147	9.98%	-14.44%	7.55%
371595	UTC OF THE WEST-NE	3,622	3,862	4,497	4,739	6.64%	16.44%	5.38%
552348	CENTEL OF NV	92,912	105,601	107,668	124,259	13.66%	1.96%	15.41%
552302	CONTEL OF CALIF-NV	5,908	4,771	5,751	7,112	-19.24%	20.53%	23.67%
555173	NEVADA BELL	42,408	54,793	71,571	74,785	29.21%	30.62%	4.49%
125113	NEW ENGLAND TEL-NH	139,871	190,312	199,750	225,081	36.06%	4.96%	12.68%
165120	NEW JERSEY BELL	1,213,933	1,406,165	1,456,359	1,548,578	15.84%	3.57%	6.33%
160138	UNITED TEL - NJ, INC	27,276	29,082	34,897	38,952	6.62%	19.99%	11.62%
492080	GTE SOUTHWEST INC-NM	6,654	7,151	5,566	5,791	7.47%	-22.17%	4.04%
495105	MOUNTAIN BELL-NM	118,450	114,054	125,058	158,314	-3.71%	9.65%	26.59%
150096	CONTEL OF NY, INC	19,968	22,325	25,366	26,495	11.80%	13.62%	4.45%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	2,056,133	2,107,727	2,300,390	2,460,848	2.51%	9.14%	6.98%
150119	RED HOOK TEL CO	1,137	1,119	1,386	1,507	-1.63%	23.88%	8.73%
150121	ROCHESTER TEL CORP	38,979	40,564	42,583	46,742	4.07%	4.98%	9.77%
150136	WESTERN COUNTIES TEL	2,051	2,149	2,797	2,851	4.76%	30.17%	1.93%
230470	CAROLINA TEL & TEL	98,975	110,535	121,267	137,046	11.68%	9.71%	13.01%
230471	CENTEL OF NC	15,070	18,559	22,525	26,878	23.15%	21.37%	19.33%
230479	GTE SOUTH INC - NC	22,127	26,519	20,763	22,376	19.85%	-21.71%	7.77%
235193	SOUTHERN BELL-NC	247,017	277,212	382,084	379,223	12.22%	37.83%	-0.75%
385144	NORTHWESTERN BELL-ND	52,080	54,335	56,871	53,836	4.33%	4.67%	-5.34%
300661	CENTEL OF OHIO	4,536	5,596	6,672	8,389	23.36%	19.23%	25.72%
305062	CINCINNATI BELL-OH	117,589	128,747	139,982	151,263	9.49%	8.73%	8.06%
300615	GTE NORTH INC. - OH	56,082	63,954	85,426	94,226	14.04%	33.57%	10.30%
305150	OHIO BELL TEL CO	505,507	518,151	568,758	801,845	2.50%	9.77%	40.98%
300661	UTC OF OHIO	43,134	49,012	62,359	75,761	13.63%	27.23%	21.49%
432080	GTE SOUTHWEST INC-OK	13,079	14,344	13,535	15,135	9.68%	-5.64%	11.82%
435215	SOUTHWESTERN BELL-OK	194,517	198,178	209,632	255,473	1.88%	5.78%	21.87%
532416	GTE NORTHWEST INC-OR	34,112	43,204	20,735	24,079	26.65%	-52.01%	16.13%
535163	PACIFIC NW BELL-OR	188,647	199,798	207,707	236,982	5.91%	3.96%	14.09%
532400	UTC OF THE NW - OR	5,118	6,150	7,271	11,361	20.17%	18.23%	56.25%
175000	BELL OF PENNSYLVANIA	870,623	956,285	1,015,577	1,127,459	9.84%	6.20%	11.02%
170169	GTE NORTH INC. - PA	49,251	49,626	58,628	66,836	0.76%	18.14%	14.00%
170209	UTC OF PENNSYLVANIA	31,171	32,311	39,179	47,026	3.66%	21.25%	20.03%
633201	PUERTO RICO TEL CO	38,847	48,946	48,257	59,177	26.00%	-1.41%	22.63%
585114	NEW ENGLAND TEL - RI	106,747	143,555	150,954	171,567	34.48%	5.15%	13.66%
240479	GTE SOUTH INC. - SC	25,297	29,653	16,072	17,412	17.22%	-45.80%	8.34%
245194	SOUTHERN BELL-SC	166,934	204,346	248,513	257,489	22.41%	21.61%	3.61%
240506	UTC OF THE CAROLINAS	8,735	10,377	13,209	15,895	18.80%	27.29%	20.34%
395145	NORTHWESTERN BELL-SD	53,092	57,474	57,286	61,335	8.25%	-0.33%	7.07%
290479	GTE SOUTH INC. - TN	6,414	7,463	5,055	5,401	16.35%	-32.27%	6.84%
295185	SO. CENTRAL BELL -TN	313,138	357,060	417,471	466,396	14.03%	16.92%	11.72%
290567	UNITED INTER-MT-TN	28,199	31,413	34,760	36,490	11.40%	10.65%	4.98%
442114	CENTEL OF TEXAS	14,516	16,541	18,849	21,234	13.95%	13.96%	12.65%
442154	CONTEL OF TEXAS	9,569	10,780	15,580	21,810	12.66%	44.52%	39.99%
442080	GTE SOUTHWEST INC-TX	108,202	131,909	194,823	78,291	21.91%	47.70%	-59.81%
445216	SOUTHWESTERN BELL-TX	856,595	960,055	1,035,987	1,244,831	12.08%	7.91%	20.16%
442084	UTC OF TEXAS INC	4,872	6,028	10,806	11,262	23.72%	79.27%	4.22%
505107	MOUNTAIN BELL-UT	129,510	145,507	150,128	177,791	12.35%	3.18%	18.43%
145115	NEW ENGLAND BELL-VT	54,961	64,137	65,478	75,965	16.70%	2.09%	16.02%
195040	C & P TEL CO OF VA	448,338	479,125	524,697	642,571	6.87%	9.51%	22.47%
190254	CENTEL OF VIRGINIA	21,496	26,828	31,944	35,826	24.80%	19.07%	12.15%
190233	CONTEL OF VIRGINIA	47,851	63,045	84,364	100,752	31.75%	33.82%	19.43%
190479	GTE SOUTH INC. - VA	4,586	5,169	2,913	3,164	12.71%	-43.64%	8.62%
190567	UNITED INTER-MT-VA	12,162	14,516	17,513	18,696	19.35%	20.65%	6.75%
522416	GTE NORTHWEST INC-WA	48,065	62,867	33,358	38,412	30.80%	-46.94%	15.15%
525161	PACIFIC NW BELL-WA	286,172	307,391	317,153	398,934	7.41%	3.18%	25.79%
522400	UTC OF THE NW-WA	5,386	5,969	6,942	10,756	10.82%	16.29%	54.94%
205050	C & P TEL CO OF WV	109,459	112,756	118,222	136,820	3.01%	4.85%	15.73%
200479	GTE SOUTH INC. - WV	12,082	14,109	8,519	9,131	16.78%	-39.62%	7.18%
330886	GTE NORTH INC. - WI	30,315	36,811	54,989	63,680	21.43%	49.38%	15.80%
335220	WISCONSIN BELL	256,533	346,588	374,298	410,416	35.10%	8.00%	9.65%
515108	MOUNTAIN BELL-WY	55,538	58,651	60,710	64,631	5.61%	3.51%	6.46%
511595	UTC OF THE WEST-WY	1,146	1,236	1,351	1,546	7.89%	9.30%	14.45%
TIER 1 COST COMPANIES		19,572,141	21,964,570	24,076,567	26,707,209	12.22%	9.62%	10.93%
250302	ALLTEL ALABAMA	N/A	N/A	1,642	2,115	N/A	N/A	28.80%
250284	BUTLER TEL CO	522	597	681	767	14.25%	14.08%	12.71%
250281	CONTEL OF THE SOUTH	5,414	9,308	10,163	14,761	71.92%	9.20%	45.24%
250297	GROVE HILL TEL CORP	117	127	161	207	8.57%	27.26%	28.51%
250298	GULF TEL CO - AL	3,449	4,547	5,586	6,846	31.84%	22.85%	22.56%
250300	HOPPER TEL. CO INC	121	138	150	192	14.45%	8.38%	28.52%
250304	MILLRY TEL CO	473	592	682	748	24.97%	15.34%	9.54%
250306	MONROEVILLE TEL CO	909	1,139	1,250	1,448	25.32%	9.74%	15.81%
250314	PEOPLES TEL CO	907	1,174	1,384	1,513	29.41%	17.85%	9.33%
250316	RAGLAND TEL CO	46	54	62	68	15.72%	14.62%	10.58%
250318	SOUTHLAND TEL CO-AL	898	1,074	1,091	2,256	19.62%	1.54%	106.82%
613000	ANCHORAGE TEL UTIL	12,065	14,085	15,368	16,976	16.75%	9.11%	10.46%
613001	ARCTIC SLOPE TEL	527	423	679	830	-19.73%	60.37%	22.29%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	139	181	235	257	29.86%	30.14%	9.27%
613004	BUSH-TELL INC.	24	29	35	39	21.18%	22.17%	9.61%
613006	COPPER VALLEY TEL	365	452	1,037	675	23.88%	129.31%	-34.87%
613007	CORDOVA TEL COOP	200	248	344	393	23.87%	38.88%	14.27%
613008	FAIRBANKS MUNICIPAL	N/A	3,165	3,420	3,691	N/A	8.06%	7.91%
613010	GLACIER STATE TEL CO	2,993	3,800	5,641	6,442	26.98%	48.45%	14.20%
613009	GTE ALASKA INC.	1,435	1,750	2,138	2,304	21.96%	22.21%	7.75%
613011	INTERIOR TEL CO INC	508	762	996	1,255	49.84%	30.76%	26.01%
613012	JUNEAU & DOUGLAS TEL	2,468	2,014	3,236	3,792	-18.42%	60.69%	17.18%
613013	KETCHIKAN PUBLIC UT	N/A	1,546	1,962	2,439	N/A	26.94%	24.32%
613015	MATANUSKA TEL ASSOC	1,733	1,903	3,993	4,688	9.77%	109.83%	17.43%
613016	MUKLUK TEL CO INC	34	40	50	53	18.93%	22.96%	6.17%
613018	NUSHAGAK TEL COOP	145	183	194	200	26.00%	5.96%	2.92%
613019	OTZ TEL COOPERATIVE	118	179	258	229	51.85%	44.66%	-11.29%
613020	SITKA TELEPHONE CO	1,213	1,567	1,870	2,039	29.14%	19.32%	9.08%
613022	TEL UTIL OF ALASKA	343	453	672	754	31.90%	48.57%	12.15%
613023	UNITED UTILITIES INC	N/A	181	230	278	N/A	27.41%	20.84%
613025	YUKON TEL CO INC	28	33	43	53	17.14%	31.72%	21.57%
452171	ARIZONA TELEPHONE CO	154	162	216	280	5.39%	32.83%	29.94%
452172	CITIZENS UTILITIES	8,241	10,248	13,364	14,358	24.34%	30.41%	7.44%
452177	CONTEL OF WEST-AZ	2,569	2,769	3,350	3,664	7.79%	20.97%	9.39%
452275	NAVAJO COMMUN-AZ	1,947	2,195	2,445	2,655	12.73%	11.36%	8.61%
452173	PAPAGO TRIBAL UTIL.	N/A	28	64	83	N/A	129.61%	28.28%
452175	UNIVERSAL TEL OF SW	98	110	117	132	12.46%	6.28%	13.15%
452176	VALLEY TEL COOP-AZ	290	323	379	601	11.39%	17.25%	58.47%
401691	ALLTEL ARKANSAS INC	7,045	7,830	7,143	7,964	11.14%	-8.78%	11.50%
401692	ARKANSAS TEL CO	506	547	622	645	8.20%	13.70%	3.72%
401697	CENTRAL ARKANSAS TEL	113	120	148	124	5.54%	23.83%	-16.63%
401705	CENTURY OF ARKANSAS	1,098	1,285	1,525	1,837	16.98%	18.72%	20.46%
401698	CLEVELAND COUNTY TEL	96	111	138	175	15.96%	24.35%	26.64%
401699	DECATUR TEL CO INC	132	115	115	130	-13.40%	0.17%	13.03%
401709	MADISON COUNTY TEL	212	253	264	279	19.42%	4.46%	5.58%
401711	MOUNTAIN HOME TEL	1,599	1,961	2,022	2,319	22.64%	3.11%	14.68%
401713	NORTH ARKANSAS TEL	483	566	579	685	17.14%	2.28%	18.43%
401717	PERCO TELEPHONE CO	N/A	N/A	199	255	N/A	N/A	28.00%
401720	REDFIELD TEL CO	55	75	106	106	37.63%	40.51%	0.26%
401702	SOUTH ARKANSAS TEL	168	190	209	218	12.91%	10.22%	3.99%
401726	TRI-COUNTY TEL CO-AR	276	332	379	420	20.35%	14.08%	10.79%
401727	UNION TEL CO INC	66	160	178	191	143.20%	11.32%	7.61%
401729	WALNUT HILL TEL CO	553	605	635	656	9.49%	4.86%	3.31%
401733	YELCOT TEL CO INC	262	287	289	320	9.57%	0.83%	10.79%
401734	YELL COUNTY TEL CO	231	242	259	260	4.91%	6.72%	0.48%
542304	C P NATIONAL CORP-CA	1,069	1,229	1,205	1,611	15.03%	-1.97%	33.72%
542301	CALAVERAS TEL CO	59	78	128	132	31.23%	63.84%	2.81%
542311	CALIF-OREGON TEL CO	483	654	657	692	35.44%	0.40%	5.34%
542308	CITIZENS UTIL OF CA	3,596	4,594	5,612	7,754	27.75%	22.15%	38.17%
542313	DUCOR TELEPHONE CO	17	19	21	42	17.21%	6.43%	104.43%
542315	EVANS TEL CO.	383	665	877	1,082	73.78%	31.82%	23.31%
542318	FORESTHILL TEL CO.	N/A	65	119	167	N/A	82.11%	40.68%
542321	HAPPY VALLEY TEL CO	N/A	113	129	174	N/A	14.31%	34.79%
542322	HORNITOS TEL CO	N/A	28	22	29	N/A	-19.16%	31.77%
542324	KERMAN TELEPHONE CO	145	188	209	216	29.53%	11.32%	3.21%
542346	PINNACLES TEL CO	33	28	42	53	-16.46%	52.84%	25.56%
542334	ROSEVILLE TEL CO	4,472	5,322	6,132	10,798	19.02%	15.22%	76.09%
542338	SIERRA TELEPHONE CO	N/A	547	760	781	N/A	39.00%	2.76%
542332	THE PONDEROSA TEL CO	191	199	322	353	4.07%	61.87%	9.55%
542339	THE SISKIYOU TEL CO	280	382	475	515	36.34%	24.40%	8.39%
542343	THE VOLCANO TEL CO	185	442	435	469	138.89%	-1.72%	7.97%
542342	TUOLUMNE TEL CO	162	188	206	370	16.39%	9.37%	79.48%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	762	865	N/A	N/A	13.57%
462192	BIG SANDY TELCOMM	41	36	40	48	-10.42%	9.26%	20.23%
462181	BIJOU TEL COOP ASSOC	71	73	88	106	3.17%	20.74%	20.21%
462182	BLANCA TEL CO	50	88	100	94	75.54%	13.67%	-6.20%
462204	COLUMBINE TEL CO	66	71	89	97	7.96%	24.68%	9.20%
462184	DELTA COUNTY TEL CO	433	484	591	792	11.90%	22.05%	34.11%
462185	EAGLE TELECOMMUN INC	580	852	1,172	1,467	46.84%	37.60%	25.17%
462186	EASTERN SLOPE RURAL	371	315	391	453	-15.04%	23.86%	15.98%
462187	EL PASO COUNTY TEL	148	159	190	235	7.43%	19.50%	23.68%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
462188	FARMERS TEL CO - CO	45	36	40	44	-20.30%	11.89%	9.66%	
462190	HAXTUN TEL CO	113	115	118	98	1.98%	2.61%	-16.70%	
462193	NUCLA-NATURITA TEL	119	98	99	112	-17.43%	1.25%	12.44%	
462194	NUNN TEL CO	31	28	34	39	-10.19%	23.98%	14.16%	
462196	PEETZ COOP TEL CO	31	31	34	37	-1.25%	12.70%	8.26%	
462199	PLAINS COOP TEL ASSN	113	124	159	175	9.53%	28.66%	6.11%	
462203	RYE TELEPHONE CO	144	123	129	161	-14.22%	4.22%	24.96%	
462207	STRASBURG TEL CO	65	64	77	97	-2.45%	21.55%	24.93%	
461835	SUNFLOWER TEL - CO	48	50	46	49	3.52%	-7.88%	7.27%	
462208	UNIVERSAL TEL CO -CO	602	623	829	879	3.40%	33.08%	6.11%	
462209	WIGGINS TEL ASSOC	82	74	93	110	-10.11%	24.99%	19.15%	
210336	ALLTEL FLORIDA INC.	3,957	4,772	6,069	9,026	20.59%	27.20%	48.71%	
210291	FLORALA TEL CO	128	129	130	179	0.98%	1.02%	37.10%	
210329	GULF TEL CO	649	810	922	1,047	24.89%	13.80%	13.55%	
210331	INDIANTOWN SYSTEM	201	288	242	259	43.51%	-15.77%	7.00%	
210335	NORTHEAST FLORIDA	372	510	473	572	36.96%	-7.23%	20.96%	
210338	QUINCY TEL CO-FL DIV	852	979	1,168	1,377	14.83%	19.33%	17.87%	
210318	SOUTHLAND TEL-FL	214	272	401	709	26.77%	47.48%	76.69%	
210339	ST JOSEPH TEL & TEL	1,997	2,073	2,560	3,061	3.83%	23.46%	19.58%	
210330	VISTA-UNITED TELCOM	2,433	3,961	3,373	8,062	62.77%	-14.83%	139.01%	
220357	ALLTEL GEORGIA INC.	N/A	N/A	4,414	6,477	N/A	N/A	46.73%	
220344	ALMA TEL CO	336	388	401	401	15.55%	3.53%	0.00%	
220347	BRANTLEY TEL CO	198	226	275	338	14.01%	21.94%	22.80%	
220351	CAMDEN TEL & TEL CO	2,339	2,914	3,276	4,075	24.61%	12.43%	24.36%	
220355	CITIZENS TEL CO - GA	241	246	285	300	2.07%	15.63%	5.27%	
220356	COASTAL UTILITIES	3,694	4,293	5,112	6,242	16.23%	19.07%	22.10%	
220281	CONTEL OF SOUTH - GA	2,986	4,853	6,536	9,529	62.48%	34.69%	45.80%	
220358	DARIEN TEL CO	304	333	354	392	9.54%	6.28%	10.91%	
220360	ELLIJAY TEL CO	377	484	588	673	28.59%	21.39%	14.53%	
220371	INTERSTATE TEL CO	1,145	1,340	1,634	1,854	16.99%	21.92%	13.51%	
220377	PINELAND TEL COOP	414	469	517	589	13.40%	10.15%	13.97%	
220379	PLANT TEL. CO.	467	520	604	864	11.56%	15.97%	43.12%	
220381	PUBLIC SERVICE TEL	371	447	508	567	20.37%	13.52%	11.76%	
220338	QUINCY TEL CO-GA DIV	119	135	149	199	12.86%	10.52%	33.79%	
220386	STANDARD TEL CO	3,269	3,514	4,893	5,660	7.49%	39.23%	15.67%	
220392	WAVERLY HALL TEL CO	55	71	81	99	28.91%	12.95%	22.13%	
220394	WILKES TEL & ELC CO	639	723	948	961	13.14%	31.07%	1.41%	
472213	ALBION TEL CO INC	140	149	143	169	6.94%	-4.13%	17.97%	
472215	CAMBRIDGE TEL CO	64	66	94	106	3.64%	40.86%	13.14%	
472225	CENTURY TEL OF IDAHO	347	481	588	714	38.63%	22.22%	21.30%	
472177	CONTEL OF WEST-ID	1,289	1,437	1,548	1,625	11.52%	7.68%	5.00%	
472218	CUSTER TEL COOP	149	171	186	222	14.74%	8.42%	19.62%	
472223	GEM STATE UTIL-ID	95	125	145	178	32.35%	15.58%	22.85%	
472423	INLAND TEL-ID	30	31	32	34	4.53%	4.31%	4.60%	
472226	MIDVALE TEL EXCH INC	46	32	34	49	-31.00%	8.48%	42.56%	
472231	PROJECT MUTUAL TEL	650	750	849	1,411	15.29%	13.20%	66.23%	
472232	ROCKLAND TEL CO INC	24	33	40	44	33.89%	21.14%	11.06%	
472233	RURAL TEL CO - ID	16	17	21	21	6.25%	23.53%	0.00%	
472295	SILVER STAR TEL- ID	37	42	45	56	14.10%	7.98%	22.32%	
472234	TROY TELEPHONE CO	90	105	108	183	16.16%	2.59%	69.69%	
341000	ALLTEL ILLINOIS INC.	4,602	4,854	5,036	6,018	5.49%	3.75%	19.49%	
341036	CONTEL OF ILLINOIS	14,199	16,972	19,713	25,034	19.53%	16.15%	26.99%	
341004	EL PASO TEL CO	129	161	184	223	24.84%	14.17%	21.41%	
341023	GRIDLEY TEL CO	141	133	125	146	-5.28%	-5.88%	16.55%	
341037	IL CONSOLIDATED TEL	8,024	8,318	8,927	10,170	3.65%	7.33%	13.92%	
341038	INLAND TEL CO	195	213	239	386	8.77%	12.46%	61.57%	
341045	LEAF RIVER VLY TEL	24	29	50	42	22.45%	71.26%	-15.12%	
341055	MIDLAND TEL CO	220	239	254	333	8.57%	6.00%	31.22%	
341060	MOULTRIE INDEPENDENT	22	23	27	36	3.79%	18.32%	31.24%	
320753	CLAY CTY RURAL COOP	455	526	681	937	15.65%	29.42%	37.64%	
320776	COMM CORP OF INDIANA	N/A	625	1,524	1,683	N/A	143.89%	10.44%	
320779	CONTEL OF INDIANA	15,906	17,889	19,534	23,136	12.47%	9.19%	18.44%	
320797	NEW PARIS TEL INC	155	195	178	210	25.64%	-8.59%	18.05%	
320800	NORTHWESTERN INDIANA	967	1,135	1,343	1,606	17.32%	18.35%	19.59%	
351346	ACE TEL ASSN-IA	232	340	454	714	46.27%	33.42%	57.31%	
351105	AYRSHIRE FARMERS MUT	18	22	33	59	23.96%	47.56%	77.80%	
351110	BERNARD TEL CO INC	29	32	38	56	11.60%	19.37%	47.44%	
351127	CENTEL OF IOWA	N/A	6,646	6,661	6,937	N/A	0.23%	4.14%	

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
351888	GRAND RIVER MUT-IA	585	913	1,115	1,585	56.22%	22.13%	42.09%	
351229	LOST NATION-ELWOOD	30	33	42	331	8.69%	28.31%	682.87%	
351316	UNITED FARMERS TEL	N/A	474	489	1,074	N/A	3.16%	119.63%	
351327	WEBB-DICKENS TEL	27	38	43	92	41.52%	13.75%	113.95%	
411741	ASSARIA TEL EXCHANGE	245	44	49	74	-82.14%	11.60%	50.56%	
411746	BLUE VALLEY TEL CO	203	220	220	253	8.73%	-0.13%	15.11%	
411818	CRAW-KAN TEL COOP	1,136	1,247	1,259	1,524	9.74%	1.02%	20.99%	
411761	CUNNINGHAM TEL CO	62	88	94	103	41.92%	7.28%	8.78%	
411764	ELKHART TEL CO INC	259	292	317	359	12.72%	8.63%	13.03%	
411781	H & B COMMUNICATIONS	70	73	83	86	4.24%	14.64%	2.74%	
411782	HOME TEL CO	81	86	93	114	6.92%	7.19%	22.90%	
411785	J. B. N. TEL CO INC	143	149	150	174	3.81%	0.77%	15.72%	
411788	KANOKLA TEL ASSN-KS	215	220	213	217	2.36%	-3.16%	1.79%	
411801	MADISON TEL CO INC	35	43	45	48	22.58%	4.97%	7.22%	
411807	MOKAN DIAL INC-KS	255	290	304	340	13.70%	4.69%	11.93%	
411808	MOUNDRIDGE TEL CO	190	259	182	161	36.81%	-29.88%	-11.63%	
411814	PEOPLES MUTUAL TEL	172	187	167	163	8.70%	-10.50%	-2.20%	
411817	PIONEER TEL ASSN INC	N/A	1,556	1,592	2,051	N/A	2.32%	28.78%	
411826	RURAL TEL SERVICE CO	409	416	432	652	1.84%	3.65%	51.02%	
411827	S & T TEL COOP ASSN	144	145	158	167	0.42%	9.49%	5.85%	
411831	S. CENTRAL TEL - KS	80	77	77	80	-3.36%	0.45%	4.09%	
411835	SUNFLOWER TEL CO	408	448	464	487	9.93%	3.46%	5.10%	
412030	TOTAH TELEPHONE CO	146	147	162	173	0.09%	10.53%	6.95%	
411840	TWIN VALLEY TEL INC	103	109	124	126	5.01%	14.19%	1.54%	
411841	UNITED TEL ASSN	459	478	501	588	4.31%	4.75%	17.30%	
411847	WHEAT STATE TEL, INC	143	166	168	208	16.42%	1.04%	24.27%	
411849	WILSON TEL CO INC	104	106	131	123	2.85%	22.79%	-6.20%	
411852	ZENDA TEL COMPANY	12	11	10	13	-5.12%	-8.78%	24.30%	
260410	CONTEL OF KENTUCKY	3,643	6,394	7,733	9,934	75.50%	20.96%	28.46%	
270431	CADDOAN TEL CO	934	1,228	1,367	1,713	31.45%	11.30%	25.32%	
270425	CAMERON TEL CO - LA	590	658	837	922	11.55%	27.12%	10.26%	
270423	CENTRAL LOUISIANA	853	1,084	1,300	1,185	27.20%	19.87%	-8.82%	
270436	CENTURY NORTH LA	1,389	1,427	655	695	2.75%	-54.10%	6.03%	
270440	CENTURY TEL CO	129	138	163	199	6.85%	18.22%	22.23%	
270424	COASTAL TEL & ELEC	590	622	696	795	5.42%	11.90%	14.22%	
270429	EAST ASCENSION TEL	2,119	2,855	2,847	1,399	34.74%	-0.27%	-50.85%	
270430	ELIZABETH TEL CO	108	117	132	145	8.63%	12.52%	9.92%	
270434	EVANGELINE TEL CO	1,485	1,862	2,134	2,317	25.40%	14.59%	8.56%	
270433	LAFOURCHE TEL CO	1,099	1,334	1,300	1,880	21.39%	-2.50%	44.57%	
270442	LOUISIANA WESTERN	245	316	385	413	28.68%	21.76%	7.31%	
270435	NORTHEAST LOUISIANA	68	73	83	91	7.94%	13.43%	9.71%	
270438	RESERVE TEL CO	N/A	N/A	217	447	N/A	N/A	105.82%	
100004	CHINA TEL CORP	N/A	190	207	239	N/A	9.41%	15.44%	
100014	CONTEL OF MAINE	3,783	4,419	4,945	5,588	16.81%	11.91%	13.00%	
100010	HAMPDEN TEL CO	N/A	174	208	265	N/A	19.24%	27.61%	
100011	HARTLAND & ST ALBANS	154	186	218	247	21.12%	16.77%	13.62%	
100003	LINCOLNVILLE TEL CO	99	116	135	174	16.54%	16.16%	29.47%	
100024	SOMERSET TEL CO	622	745	869	940	19.67%	16.68%	8.22%	
100025	STANDISH TEL CO	N/A	524	607	717	N/A	15.70%	18.22%	
100027	UNION RIVER TEL CO	37	62	44	64	68.45%	-29.18%	44.40%	
100029	UNITY TEL CO., INC.	N/A	261	328	379	N/A	25.93%	15.40%	
100031	WARREN TEL CO	96	121	154	198	25.21%	27.78%	28.31%	
100034	WEST PENOBSCOT TEL	95	106	128	143	12.05%	20.63%	12.10%	
310704	ACE TEL OF MICHIGAN	99	117	131	156	19.01%	11.74%	19.17%	
310681	ALLTEL MICHIGAN INC.	3,980	4,511	4,926	5,670	13.35%	9.19%	15.11%	
310679	BLOOMINGDALE TEL CO	83	95	115	128	14.53%	20.80%	12.06%	
310682	C, C & S TELCO - MI	1,252	1,343	1,513	1,702	7.26%	12.65%	12.54%	
310683	CARR TEL CO	22	37	47	55	66.83%	29.34%	15.77%	
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	1,870	N/A	N/A	N/A	
310702	CENTURY OF MICHIGAN	1,637	2,324	2,894	3,788	41.97%	24.53%	30.89%	
310685	CHATHAM TEL CO - MI	110	127	142	163	15.39%	11.18%	15.24%	
310680	CHIPPEWA COUNTY TEL	37	44	51	57	18.78%	15.37%	13.24%	
310713	HIAWATHA TEL CO	709	262	321	395	-62.97%	22.19%	23.04%	
310711	MIDWAY TEL CO	44	46	49	57	4.84%	4.54%	17.26%	
310714	OGDEN TEL CO	N/A	36	68	74	N/A	91.39%	9.06%	
310717	ONTONAGON COUNTY TEL	294	345	377	413	17.42%	9.07%	9.60%	
310721	PIGEON TEL CO	129	158	170	170	22.30%	7.79%	0.21%	
310728	SPRINGPORT TEL CO	47	54	62	139	15.75%	14.10%	124.13%	

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE	COMPANY NAME	DATA (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	298	363	411	439	21.83%	13.37%	6.87%
310737	WINN TEL CO	N/A	28	36	38	N/A	29.31%	7.23%
310738	WOLVERINE TEL CO	249	295	351	487	18.75%	18.73%	38.81%
361346	ACE TEL ASSN-MN	912	1,939	1,356	1,496	112.56%	-30.06%	10.34%
361374	ARROWHEAD COMM CORP	10	37	47	69	266.74%	26.32%	47.46%
361350	ARVIG TEL CO	373	385	441	473	3.11%	14.54%	7.30%
361370	CLARA CITY TEL EXCH	77	78	113	130	1.77%	44.11%	15.31%
361140	CONTEL MN DBA GTE MN	6,477	5,022	5,786	12,492	-22.47%	15.21%	115.92%
361385	EAST OTTER TAIL TEL	691	875	1,094	1,920	26.59%	25.10%	75.44%
361395	GARDEN VALLEY TEL CO	807	880	926	958	9.01%	5.26%	3.42%
361410	JOHNSON TEL CO	52	56	61	70	7.45%	9.03%	14.37%
361414	LAKEDALE TEL CO	418	474	530	920	13.45%	11.72%	73.56%
361433	MID STATE TEL CO	249	280	343	398	12.10%	22.84%	15.96%
361442	NEW ULM TELECOM, INC	632	714	826	1,125	13.02%	15.58%	36.31%
361451	PAUL BUNYAN RURAL	230	263	326	370	14.55%	24.04%	13.30%
361483	SLEEPY EYE TEL CO	247	296	345	448	19.77%	16.54%	29.86%
361491	TWIN VALLEY-ULEN TEL	192	224	287	442	16.89%	28.04%	53.95%
280453	ALLTEL MISSISSIPPI	N/A	N/A	680	810	N/A	N/A	19.16%
280446	BAY SPRINGS TEL CO	507	530	586	552	4.44%	10.54%	-5.73%
280452	DELTA TEL CO	203	213	296	296	4.98%	38.73%	0.00%
280454	FRANKLIN TEL CO - MS	410	425	476	472	3.78%	11.83%	-0.80%
280458	HOME TEL CO-OLIVE BR	N/A	1,999	2,476	3,438	N/A	23.85%	38.83%
280461	SOUTHEAST MS TEL CO	190	338	460	550	78.21%	35.91%	19.56%
421885	ALLTEL MISSOURI	1,696	1,860	1,964	2,193	9.64%	5.58%	11.67%
421865	CITIZENS TEL CO - MO	254	253	262	269	-0.43%	3.54%	2.54%
421922	CONTEL OF MISSOURI	13,905	14,822	17,102	18,945	6.59%	15.38%	10.78%
421846	CONTINENTAL SYS. -MO	3,999	4,122	4,493	4,765	3.06%	9.01%	6.06%
421873	EASTERN MISSOURI TEL	112	140	171	224	25.28%	21.79%	31.42%
421882	FIDELITY TEL CO	630	769	793	1,054	22.13%	3.15%	32.89%
421886	GOODMAN TEL CO	159	168	181	202	5.95%	7.42%	11.48%
421888	GRAND RIVER MUT-MO	932	1,003	1,251	1,487	7.69%	24.67%	18.92%
421929	HOLWAY TEL CO	41	34	34	56	-16.86%	0.00%	61.32%
	ERR KINGDOM TELEPHONE	218	224	333	385	2.75%	48.66%	15.62%
421908	LE-RU TELEPHONE CO	140	154	168	200	10.27%	8.77%	19.46%
421904	MISSOURI TEL CO	1,119	1,161	1,456	1,888	3.68%	25.44%	29.68%
421807	MOKAN DIAL INC-MO	51	70	79	89	37.71%	12.29%	13.20%
421931	NE MISSOURI RURAL	247	281	294	289	14.18%	4.35%	-1.69%
421934	ORCHARD FARM TEL CO	36	42	47	52	15.89%	13.69%	9.98%
421951	STOUTLAND TEL CO	40	43	51	61	7.87%	18.48%	18.72%
482235	BLACKFOOT TEL COOP	464	532	549	831	14.76%	3.18%	51.41%
482241	HOT SPRINGS TEL CO	N/A	49	31	36	N/A	-37.43%	19.06%
482242	INTERBEL TEL COOP	91	94	117	128	3.69%	23.78%	9.62%
482244	LINCOLN TEL CO INC	50	61	70	72	22.04%	15.01%	2.20%
482246	MID-RIVERS TEL COOP	504	538	552	660	6.76%	2.62%	19.53%
482247	NEMONT TEL COOP-MT	294	298	279	308	1.45%	-6.32%	10.32%
482248	NORTHERN TEL COOP	162	195	210	247	20.28%	7.51%	17.78%
482249	NW TEL SYSTEMS, INC.	4,863	5,714	6,398	7,029	17.48%	11.99%	9.85%
482250	PROJECT TEL CO	212	240	294	362	13.24%	22.25%	23.30%
482251	RANGE TEL COOP-MT	360	387	425	565	7.40%	9.98%	32.95%
482254	SOUTHERN MONTANA TEL	65	70	72	85	8.35%	2.45%	18.45%
482257	TRIANGLE TEL COOP	638	666	723	1,011	4.25%	8.63%	39.81%
482258	VALLEY RURAL TEL	42	49	57	78	16.59%	16.54%	36.57%
482255	3-RIVERS TEL COOP	726	803	917	1,124	10.62%	14.24%	22.54%
371516	ARAPAHOE TEL CO	61	70	84	106	15.09%	19.27%	26.37%
371517	ARLINGTON TEL CO	89	114	108	113	28.58%	-5.04%	3.87%
372455	BENKELMAN TEL CO	N/A	135	136	170	N/A	1.02%	25.24%
371524	BLAIR TEL CO	712	880	981	1,035	23.54%	11.47%	5.52%
371526	CAMBRIDGE TEL CO -NE	N/A	86	111	119	N/A	29.04%	6.61%
371531	CLARKS TEL CO	51	57	67	72	10.70%	17.22%	7.29%
371534	COZAD TEL CO	246	252	301	360	2.38%	19.30%	19.70%
371536	CURTIS TEL CO	50	54	56	65	7.72%	3.54%	16.54%
371537	DALTON TEL CO, INC	145	147	156	167	1.71%	5.85%	6.83%
371540	DILLER TEL CO	66	69	76	87	4.31%	10.29%	14.45%
371542	EASTERN NEBRASKA TEL	308	341	320	373	10.61%	-6.03%	16.62%
371577	GREAT PLAINS COMMUN	2,350	2,490	2,564	3,851	5.93%	2.97%	50.20%
371557	HARTMAN TEL EXCH INC	77	83	92	99	7.43%	10.55%	7.59%
371558	HEMINGFORD COOP TEL	64	76	82	94	19.29%	8.22%	14.18%
371567	KEYSTONE-ARTHUR TEL	37	38	40	45	1.89%	5.98%	13.01%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	520	348	407	391	-33.04%	16.69%	-3.76%
371580	PETERSBURG TEL CO	16	18	22	27	16.53%	21.42%	20.35%
371586	ROCK COUNTY TEL CO	96	91	80	97	-5.22%	-12.66%	21.79%
371591	SE NEBRASKA TEL CO	N/A	548	646	1,395	N/A	17.86%	115.98%
371592	STANTON TEL CO, INC	126	610	702	1,077	385.67%	15.03%	53.35%
371525	THREE RIVER TELCO	107	118	140	162	9.87%	19.39%	15.26%
371597	WAUNETA TEL CO	62	68	70	77	10.38%	2.77%	10.56%
552284	BEEHIVE TEL CO - NV	N/A	32	37	39	N/A	13.73%	5.84%
552349	CHURCHILL COUNTY TEL	1,343	1,667	1,894	2,206	24.12%	13.63%	16.47%
552304	CP NATIONAL-NV	2,991	4,189	4,648	6,615	40.03%	10.96%	42.31%
552223	GEM STATE UTIL-NV	58	89	103	104	52.24%	16.36%	0.43%
552351	LINCOLN CTY TEL SYS	212	234	271	311	10.67%	15.74%	14.85%
552353	MOAPA VALLEY TEL CO.	311	360	398	591	15.84%	10.71%	48.47%
552354	NEVADA TEL-TELEGRAPH	558	701	725	993	25.71%	3.42%	36.96%
552356	RIO VIRGIN TEL CO	456	579	668	784	26.88%	15.39%	17.27%
552233	RURAL TEL CO - NV	16	95	150	142	473.68%	58.67%	-5.07%
120038	BRETTON WOODS TEL CO	60	84	116	90	39.68%	36.95%	-21.83%
120040	CHICHESTER TEL CO	N/A	124	136	187	N/A	9.22%	38.15%
120041	CONTEL OF NH	1,808	2,051	2,286	2,691	13.45%	11.46%	17.70%
120039	GRANITE STATE TEL	1,054	1,204	1,378	1,512	14.23%	14.48%	9.75%
120045	KEARSARGE TEL CO	1,003	1,134	1,301	1,472	13.08%	14.69%	13.16%
120046	MERIDEN TEL CO	111	136	147	154	22.64%	8.14%	4.41%
120047	MERRIMAK COUNTY TEL	794	964	1,111	1,196	21.41%	15.24%	7.60%
120049	UNION TEL CO	567	684	800	838	20.68%	16.93%	4.77%
120050	WILTON TEL CO - NH	436	1,083	847	623	148.37%	-21.78%	-26.50%
160135	WARWICK VALLEY-NJ	880	981	1,127	1,260	11.42%	14.95%	11.75%
492259	BACA VALLEY TEL CO	75	79	90	101	4.41%	14.14%	13.06%
492177	CONTEL OF WEST - NM	3,137	3,023	3,700	4,200	-3.64%	22.39%	13.51%
492066	DELL TEL CO-OP - NM	32	34	43	39	3.65%	27.04%	-9.49%
492262	ENMR TEL COOP INC-NM	1,357	1,100	2,769	2,707	-18.95%	151.73%	-2.24%
492263	LA JICARITA RURAL	85	86	104	110	1.64%	21.16%	4.90%
492264	LEACO RURAL TEL COOP	171	171	183	203	0.20%	6.91%	10.66%
492275	NAVAJO COMMUN - NM	604	774	805	847	28.06%	4.04%	5.19%
492270	PENASCO VALLEY TEL	200	209	213	244	4.40%	1.96%	14.50%
492272	ROOSEVELT CNTY RURAL	177	176	201	223	-0.31%	13.81%	11.03%
492274	UNIVERSAL TEL OF SW	307	343	375	424	11.69%	9.39%	13.21%
492176	VALLEY TEL COOP - NM	201	234	273	332	16.02%	16.79%	21.54%
492268	WESTERN NEW MEXICO	843	680	939	1,076	-19.37%	38.11%	14.59%
150106	ALLTEL NY-FULTON	725	3,159	4,259	4,903	335.91%	34.80%	15.14%
150109	ALLTEL NY-JAMESTOWN	1,502	6,789	7,723	8,634	352.04%	13.76%	11.80%
150113	ALLTEL NY-RED JACKET	117	150	147	167	28.16%	-1.74%	13.59%
150072	AU SABLE VALLEY TEL	347	461	535	558	33.15%	15.92%	4.27%
150077	CHAMPLAIN TEL CO	1,248	1,243	1,485	1,609	-0.41%	19.47%	8.40%
150078	CHAUTAUQUA & ERIE	1,272	1,377	1,761	1,863	8.27%	27.91%	5.80%
150081	CITIZENS HAMMOND NY	54	54	68	78	0.04%	25.15%	15.17%
150085	CROWN POINT TEL CORP	65	71	94	111	9.17%	31.68%	18.02%
150091	DUNKIRK & FREDONIA	503	598	659	697	18.92%	10.27%	5.79%
150092	EDWARDS TEL CO	73	73	83	96	1.16%	12.55%	16.45%
150093	EMPIRE TEL CORP	514	559	674	768	8.78%	20.69%	13.85%
150097	GERMANTOWN TEL CO	156	183	217	258	17.63%	18.61%	18.76%
150099	HANCOCK TEL CO	187	213	234	247	13.53%	9.76%	5.62%
150100	HIGHLAND TEL CO	8,619	10,063	11,559	11,898	16.75%	14.87%	2.93%
150105	MIDDLEBURGH TEL CO	33	312	319	361	855.09%	2.42%	13.19%
150108	NICHOLVILLE TEL CO	92	101	113	130	10.36%	12.18%	14.91%
150110	OGDEN TEL CO	913	1,084	1,318	1,518	18.64%	21.61%	15.18%
150116	PATTERSONVILLE TEL	N/A	108	245	301	N/A	126.90%	22.81%
150122	SENECA-GORHAM TEL	413	487	527	623	17.94%	8.27%	18.31%
150128	SYLVAN LAKE TEL CO	1,501	1,849	2,135	2,225	23.21%	15.45%	4.20%
150084	TACONIC TEL CORP	2,486	3,009	3,374	3,755	21.04%	12.12%	11.28%
150133	VERNON TEL CO	127	151	199	244	18.57%	31.45%	22.87%
150135	WARWICK VALLEY-NY	2,025	2,404	2,780	3,089	18.73%	15.63%	11.14%
230476	ALLTEL CAROLINA-NO	8,721	10,893	16,525	20,600	24.91%	51.69%	24.66%
230468	ATLANTIC MEMBERSHIP	1,572	1,840	2,173	2,681	16.99%	18.14%	23.38%
230469	BARNARDSVILLE TEL CO	45	54	55	69	19.92%	0.09%	26.21%
230473	CITIZENS TEL CO	1,364	1,493	1,714	1,760	9.41%	14.83%	2.68%
230474	CONCORD TEL CO	4,636	5,340	6,088	6,576	15.18%	14.01%	8.02%
230509	CONTEL OF NC	6,417	10,751	11,905	15,120	67.53%	10.74%	27.00%
230481	HEINS TEL CO	1,906	2,591	3,210	4,056	35.95%	23.91%	26.35%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	450	561	765	965	24.50%	36.48%	26.18%
230510	WILKES MEMBERSHIP	230	260	300	327	12.98%	15.35%	9.08%
381607	CONSOLIDATED COOP	344	348	368	428	1.18%	5.67%	16.22%
381447	CONTEL ND DBA GTE ND	535	681	712	713	27.20%	4.51%	0.21%
381616	INTER-COMMUNITY TEL	87	94	99	106	7.32%	5.22%	7.18%
381617	MIDSTATE TEL CO	149	165	183	236	10.83%	11.06%	28.94%
381630	POLAR COMM MUT AID	769	810	899	1,171	5.36%	11.05%	30.17%
381632	RESERVATION TEL COOP	337	384	379	413	14.06%	-1.35%	9.05%
381634	SOURIS RIVER TELECOM	1,228	1,311	1,504	1,625	6.76%	14.73%	8.06%
381637	W. RIVER TELECOM	602	832	883	1,113	38.08%	6.25%	26.00%
300665	ALLTEL OHIO-WEST OH	1,231	1,436	1,534	1,803	16.71%	6.83%	17.47%
300682	C, C & S TELCO -OHIO	51	63	63	64	21.95%	0.34%	1.74%
300607	CONTINENTAL OF OHIO	93	126	147	172	34.52%	17.30%	16.87%
300613	LITTLE MIAMI COMM.	58	296	132	168	412.63%	-55.36%	27.07%
300597	THE CHILLICOTHE TEL	1,058	2,131	2,794	3,469	101.46%	31.07%	24.17%
431965	ALLTEL OKLAHOMA INC	929	956	1,033	1,149	2.87%	8.05%	11.21%
431966	ATLAS TEL CO	N/A	305	326	403	N/A	6.97%	23.71%
431974	CANADIAN VALLEY TEL	40	40	43	47	0.06%	8.40%	9.53%
431976	CARNEGIE TEL CO INC	94	93	96	98	-0.54%	2.97%	1.90%
431979	CHEROKEE TEL CO	769	828	920	954	7.70%	11.09%	3.71%
431980	CHICKASAW TEL CO	397	431	535	600	8.48%	24.16%	12.16%
431981	CHOUTEAU TEL CO	225	238	351	294	5.92%	47.66%	-16.33%
431985	CROSS TEL CO	492	545	627	740	10.88%	15.11%	17.96%
431988	DOBSON TEL CO	356	383	393	475	7.54%	2.55%	20.84%
431994	GRAND TEL CO INC	247	252	264	310	2.17%	4.92%	17.27%
431995	HINTON TEL CO	182	203	215	252	11.39%	6.23%	17.04%
431788	KANOKLA TEL ASSN-OK	159	161	160	171	1.33%	-0.50%	6.77%
432006	MCLLOUD TEL CO	378	371	395	474	-1.87%	6.50%	20.08%
432011	OKLAHOMA ALLTEL, INC	1,719	1,857	2,026	2,368	8.03%	9.12%	16.87%
431984	OKLAHOMA COMM SYSTEM	772	868	936	1,082	12.46%	7.85%	15.56%
432013	OKLAHOMA TEL & TEL	121	142	152	N/A	16.92%	7.61%	N/A
432014	OKLAHOMA WESTERN TEL	161	183	204	219	13.11%	11.90%	7.39%
432016	PANHANDLE TEL COOP	1,089	1,157	1,291	1,567	6.19%	11.57%	21.40%
432018	PIONEER TEL COOP INC	2,451	2,561	2,787	N/A	4.50%	8.81%	N/A
432020	POTTAWATOMIE TEL CO	83	85	104	124	2.34%	22.83%	19.29%
431831	S. CENTRAL TEL - OK	56	56	59	57	-0.23%	5.49%	-2.84%
432030	TOTAH TELEPHONE CO	163	176	183	194	7.80%	4.05%	5.87%
432032	VALLIANT TEL CO	183	207	234	249	12.99%	13.41%	6.38%
432034	WYANDOTTE TEL CO	N/A	84	92	98	N/A	9.53%	6.04%
532404	ASOTIN TEL - OR	12	15	18	20	23.76%	14.02%	12.75%
532359	BEAVER CREEK COOP	231	221	295	343	-4.61%	33.68%	16.20%
532304	C P NATIONAL CORP-OR	1,044	1,003	1,086	1,376	-3.99%	8.28%	26.72%
532362	CANBY TEL ASSN	647	722	1,016	1,283	11.63%	40.67%	26.25%
532371	CASCADE UTIL INC	264	666	806	1,013	151.94%	20.96%	25.72%
532363	CLEAR CREEK MUTUAL	214	234	308	319	9.70%	31.54%	3.46%
532364	COLTON TEL CO	64	86	89	102	34.13%	3.53%	14.98%
532449	CONTEL OF THE NW- OR	1,933	1,950	2,379	2,526	0.87%	22.01%	6.19%
532376	HELIX TEL CO.	19	22	34	40	12.55%	57.91%	16.09%
532377	HOME TELEPHONE CO	35	36	36	62	5.00%	0.12%	69.86%
532456	MALHEUR HOME TEL CO	1,700	2,592	2,692	3,962	52.45%	3.85%	47.17%
532226	MIDVALE TEL EXCH -OR	30	22	33	28	-28.72%	52.28%	-15.24%
532383	MOLALLA TEL CO.	318	339	478	691	6.59%	41.03%	44.53%
532385	MONROE TELEPHONE CO.	38	46	64	79	20.48%	38.47%	23.89%
532387	NEHALEM TEL & TEL	106	124	174	250	16.96%	39.79%	43.65%
532388	NORTH STATE TEL CO.	27	38	43	65	38.84%	13.93%	52.61%
532389	OREGON TEL CORP	113	147	171	231	29.83%	16.67%	34.70%
532392	PINE TEL SYSTEM INC.	66	75	89	96	13.05%	18.63%	7.89%
532393	PIONEER TEL COOP	654	759	879	1,245	15.95%	15.78%	41.67%
532375	RTI/HALSEY TEL CO	111	194	204	204	75.11%	5.25%	-0.13%
532397	SCIO MUTUAL TEL ASSN	83	107	124	155	28.59%	16.03%	25.22%
532361	TEL UTIL OF OREGON	3,926	4,782	6,084	7,686	21.79%	27.23%	26.34%
532378	TRANS-CASCADES TEL	11	8	9	12	-23.77%	16.43%	31.22%
170170	CONTEL OF PA	4,438	4,976	5,838	6,492	12.11%	17.33%	11.21%
170177	LACKAWAXEN TEL CO	N/A	385	452	498	N/A	17.49%	10.00%
170183	MAHANAY & MAHANTONGO	N/A	119	134	149	N/A	12.18%	11.57%
170192	NORTH PENN TEL CO	736	769	880	961	4.50%	14.44%	9.25%
170194	OSWAYO RIVER TEL CO	301	335	398	410	11.12%	18.81%	3.21%
170201	QUAKER STATE TEL CO	3,839	4,799	5,410	6,269	25.02%	12.72%	15.88%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	107	125	137	132	17.39%	9.25%	-3.28%
633200	PUERTO RICO COMM	N/A	3,636	5,200	5,598	N/A	43.00%	7.66%
240512	BLUFFTON TEL. CO.	498	589	905	1,427	18.30%	53.72%	57.65%
240526	CONTEL OF SC	1,082	2,141	2,814	4,817	97.81%	31.41%	71.20%
240520	FARMERS TEL COOP	3,353	4,173	5,756	7,708	24.46%	37.92%	33.92%
240523	HARGRAY TEL CO	8,431	10,001	11,451	18,069	18.62%	14.50%	57.79%
240528	HORRY TEL COOP	4,040	7,228	8,311	8,311	78.92%	14.98%	0.00%
240533	MCCLELLANVILLE TEL	85	97	117	136	14.91%	19.99%	16.29%
240539	POND BRANCH TEL CO	388	479	530	634	23.48%	10.61%	19.69%
240551	WILLISTON TEL CO	281	298	367	465	6.19%	23.14%	26.61%
391647	CHEYENNE RIVER SIOUX	159	166	213	217	4.46%	28.15%	1.59%
391643	CONTEL SD DBA GTE SD	534	974	1,168	1,253	82.41%	19.86%	7.28%
391659	GOLDEN WEST TELECOMM	1,377	1,616	1,768	1,938	17.38%	9.41%	9.59%
391666	JEFFERSON TEL CO -SD	146	164	183	249	12.25%	12.03%	35.89%
391667	KADOKA TELEPHONE CO	99	102	106	123	2.89%	3.30%	16.53%
391668	KENNEBEC TEL CO	28	30	36	44	7.78%	18.74%	22.54%
391689	WEST RIVER COOP	181	215	208	219	18.77%	-3.20%	5.54%
290552	ADAMSVILLE TEL CO	N/A	574	664	662	N/A	15.77%	-0.36%
290571	MILLINGTON TEL CO	2,586	2,798	2,645	2,708	8.21%	-5.47%	2.36%
290575	TENNESSEE TEL CO	3,614	4,453	5,872	6,589	23.21%	31.87%	12.22%
290579	TWIN LAKES TEL COOP	1,466	1,603	1,872	2,116	9.35%	16.78%	13.01%
442121	ALLTEL TEXAS INC	153	151	163	185	-1.47%	8.22%	13.39%
442039	BIG BEND TEL CO INC	223	269	304	319	20.81%	12.88%	4.76%
442040	BRAZORIA TEL CO	167	190	233	266	14.05%	22.79%	13.89%
442041	BRAZOS TEL COOP INC	29	39	40	46	35.87%	3.38%	14.38%
440425	CAMERON TEL CO TEXAS	47	70	68	73	47.77%	-1.68%	7.22%
442046	CAP ROCK TEL CO INC	82	85	83	83	4.05%	-2.44%	0.01%
442052	CENTRAL TEXAS CO-OP	86	100	122	140	15.68%	22.24%	14.79%
442059	COLORADO VALLEY TEL	154	162	178	216	5.49%	9.76%	20.90%
442066	DELL TEL. CO-OP - TX	78	82	104	101	4.04%	27.60%	-2.98%
442068	EASTEX TEL COOP INC	1,098	1,647	1,545	1,764	49.98%	-6.21%	14.19%
442262	ENMR TEL COOP-TX	55	60	61	64	8.47%	1.56%	4.08%
442070	ETEX TEL COOP INC	359	455	500	475	26.65%	9.86%	-4.96%
442071	FIVE AREA TEL CO-OP	129	132	134	144	1.88%	1.69%	7.09%
442072	FORT BEND TEL CO	1,096	1,526	1,822	2,216	39.26%	19.35%	21.64%
442076	GANADO TELEPHONE CO	31	39	45	52	25.79%	16.94%	14.09%
442083	GUADALUPE VALLEY TEL	663	859	1,197	1,853	29.61%	39.37%	54.82%
442086	HILL COUNTRY CO-OP	318	492	476	552	54.59%	-3.29%	16.12%
442093	INDUSTRY TEL CO	36	42	47	51	16.65%	13.12%	7.31%
442097	KERRVILLE TEL CO	980	938	1,165	1,543	-4.28%	24.15%	32.49%
442103	LA WARD TEL EXCHANGE	20	22	26	27	11.74%	16.26%	2.35%
442101	LAKE DALLAS TEL CO	457	476	598	703	4.17%	25.69%	17.67%
442104	LAKE LIVINGSTON TEL	29	31	33	36	6.90%	5.43%	8.45%
442105	LIPAN TEL CO	N/A	N/A	36	41	N/A	N/A	11.95%
442109	LUFKIN-CONROE TEL EX	4,263	5,219	6,309	5,630	22.41%	20.89%	-10.76%
442112	MID-PLAINS RURAL TEL	108	107	125	128	-1.16%	17.30%	1.93%
442116	MUENSTER TEL CORP-TX	85	155	170	194	80.93%	9.93%	13.96%
442117	MUSTANG TEL CO	230	330	437	501	43.46%	32.32%	14.63%
442130	PEOPLES TEL COOP -TX	260	275	326	413	5.63%	18.70%	26.60%
442131	POKA-LAMBRO TEL COOP	121	127	144	197	4.88%	13.30%	37.03%
442134	RIVIERA TEL CO INC	32	38	43	43	18.41%	15.18%	-0.87%
442147	SUGAR LAND TEL CO	3,314	4,050	6,315	9,009	22.22%	55.93%	42.67%
442150	TATUM TEL CO	N/A	N/A	36	46	N/A	N/A	27.30%
442151	TAYLOR TEL CO-OP INC	142	153	195	272	7.23%	27.85%	39.32%
442159	VALLEY TEL CO-OP -TX	138	202	171	220	46.46%	-15.28%	28.59%
442168	WES-TEX TEL CO-OP	110	113	120	127	2.62%	5.94%	5.91%
442166	WEST TEXAS RURAL TEL	217	209	220	239	-3.94%	5.19%	8.90%
442170	XIT RURAL TEL CO-OP	186	196	226	256	5.68%	15.02%	13.40%
502284	BEEHIVE TEL CO - UT	N/A	48	63	61	N/A	31.84%	-4.34%
502277	CENTRAL UTAH TEL INC	46	44	59	83	-3.78%	33.15%	42.27%
502177	CONTEL THE WEST - UT	2,497	2,281	2,706	3,110	-8.67%	18.65%	14.91%
502278	EMERY COUNTY FARMERS	239	203	205	243	-15.12%	0.96%	18.76%
502280	KAMAS-WOODLAND TEL	71	87	100	125	22.18%	15.63%	25.00%
502275	NAVAJO COMMUN - UT	135	150	170	162	11.54%	13.60%	-4.93%
502286	SOUTH CENTRAL UTAH	295	296	408	571	0.34%	37.84%	39.95%
502287	UINTAH BASIN TEL	171	171	174	177	0.00%	1.75%	1.72%
502288	UT-WY TELECOM	77	78	86	94	1.96%	9.48%	9.88%
140070	CONTEL OF VERMONT	5,545	6,208	6,476	6,998	11.96%	4.32%	8.06%

TABLE 4.8
INTERSTATE MESSAGES BY STUDY AREA
DATA (IN THOUSANDS)

SA CODE COMPANY NAME	DATA (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
	1987	1988	1989	1990	1988	1989	1990
140058 LUDLOW TEL CO	559	673	738	802	20.31%	9.67%	8.77%
140061 NORTHFIELD TEL CO	501	526	597	704	5.02%	13.42%	18.02%
140062 PERKINSVILLE TEL CO	119	153	165	184	28.67%	7.40%	11.86%
140068 TOPSHAM TEL CO	125	144	176	201	15.22%	22.31%	14.49%
643300 VIRGIN ISLANDS TEL	9,109	12,288	12,288	17,787	34.89%	0.00%	44.76%
140069 WAITSFIELD/FAYSTON	734	899	1,034	1,099	22.39%	14.99%	6.34%
190217 AMELIA TEL CORP	179	251	294	355	40.63%	16.82%	20.95%
190249 ROANOKE & BOTETOURT	N/A	1,012	1,489	1,723	N/A	47.05%	15.72%
522404 ASOTIN TEL - WA	74	87	98	137	17.29%	11.88%	39.83%
522449 CONTEL OF THE NW-WA	15,372	5,401	6,763	8,555	-64.86%	25.21%	26.49%
522410 CONICHE TELEPHONE CO	92	101	117	155	10.79%	14.95%	33.25%
522412 ELLENSBURG TEL CO	1,501	1,901	2,360	2,841	26.60%	24.14%	20.39%
522417 HAT ISLAND	N/A	1	2	2	N/A	100.00%	0.00%
522419 HOOD CANAL TEL CO	50	66	76	83	31.91%	15.59%	8.49%
522423 INLAND TEL CO -WA	121	155	175	183	27.95%	12.42%	4.46%
522426 KALAMA TEL CO	320	269	299	346	-15.76%	10.90%	15.82%
522427 LEWIS RIVER TEL CO	392	460	520	570	17.33%	13.05%	9.64%
522431 MASHELL TEL CO INC	123	141	168	203	14.94%	19.16%	20.77%
522436 PENINSULA TELECOMM	411	494	592	781	20.10%	19.83%	31.87%
522437 PIONEER TEL CO	59	65	71	72	10.59%	8.59%	2.24%
522442 ST JOHN TEL CO	56	51	61	72	-8.78%	20.07%	17.44%
522408 TEL UTIL OF WA INC	7,476	9,914	12,742	15,790	32.60%	28.52%	23.93%
522446 TENINO TELEPHONE CO	156	204	227	283	30.93%	10.81%	24.78%
522447 TOLEDO TELEPHONE CO	138	167	197	224	20.61%	17.82%	14.04%
522451 WESTERN WAHAKIAKUM	91	109	130	148	19.78%	19.27%	13.85%
522452 WHIDBEY TEL CO	499	887	1,303	2,335	77.76%	46.90%	79.20%
522453 YELM TELEPHONE CO	349	500	650	950	43.22%	29.94%	46.17%
200278 CONTEL OF WV	2,942	3,342	3,853	4,177	13.60%	15.27%	8.40%
200259 HARDY TEL CO	209	238	292	377	13.92%	22.74%	29.23%
200270 MOUNTAIN STATE TEL	1,741	2,037	2,315	2,359	16.98%	13.67%	1.90%
330841 CENCOM OF WISCONSIN	1,290	1,502	1,783	2,404	16.44%	18.68%	34.87%
330859 CENTRAL STATE TEL CO	359	431	553	866	20.02%	28.53%	56.49%
330895 CENTURY OF WISCONSIN	4,404	6,141	7,866	8,315	39.44%	28.09%	5.71%
330860 CHEQUAMEGON TEL COOP	439	549	696	760	25.08%	26.74%	9.22%
330870 CRANDON TEL CO	90	102	124	155	13.04%	22.03%	24.82%
330891 HEADWATERS TEL CO	149	189	212	289	26.29%	12.20%	36.67%
330936 INDIANHEAD TEL CO	89	119	132	172	33.46%	10.99%	30.16%
330908 MARQUETTE-ADAMS COOP	299	333	354	417	11.50%	6.21%	17.93%
330909 MIDWAY TEL CO	617	689	835	807	11.72%	21.14%	-3.34%
330913 MONROE COUNTY TEL CO	898	1,000	993	1,350	11.45%	-0.70%	35.88%
330916 MOUNT HOREB TEL CO	176	194	226	363	10.28%	16.19%	60.82%
330917 MT VERNON TEL CO	397	472	573	709	18.77%	21.55%	23.66%
330922 NORTH-WEST TEL CO	3,645	4,928	5,576	6,382	35.19%	13.16%	14.46%
330931 PEOPLES TEL CO	291	371	418	506	27.47%	12.48%	21.17%
330934 PLATTEVILLE TEL CO	666	754	835	924	13.15%	10.74%	10.75%
330937 PRICE COUNTY TEL CO	305	349	400	499	14.50%	14.55%	24.58%
330940 RHINELANDER TEL CO	662	885	1,046	1,184	33.68%	18.23%	13.18%
330952 SE TEL OF WISCONSIN	380	435	539	546	14.38%	23.98%	1.18%
330950 SOLON SPRINGS TEL CO	1,522	1,828	1,919	2,413	20.14%	4.95%	25.75%
330956 UNIVERSAL OF N WISC	695	801	815	1,191	15.33%	1.64%	46.23%
330964 URBAN TEL CORP	793	987	1,190	1,379	24.56%	20.53%	15.88%
330963 UTELCO, INC	1,067	1,149	1,648	2,126	7.75%	43.41%	28.98%
330974 WOOD COUNTY TEL CO	1,332	1,514	1,883	1,914	13.65%	24.37%	1.62%
512291 DUBOIS TEL EXCHANGE	257	267	312	388	3.85%	16.81%	24.64%
512251 RANGE TEL COOP - WY	261	280	316	445	7.50%	12.62%	40.97%
512295 SILVER STAR TEL-WY	213	227	288	308	6.53%	26.93%	6.68%
512299 TEL. UTIL. OF WY.	444	593	738	806	33.67%	24.57%	9.18%
512297 UNION TELEPHONE CO	687	796	902	1,001	15.93%	13.22%	11.00%
512290 UTAH-WYOMING TELECOM	77	71	91	136	-7.93%	28.28%	50.27%
NON-TIER 1 COST COMPANIES	462,191	575,636	681,350	828,369	24.55%	18.36%	21.58%
TOTAL COST COMPANIES	20,034,332	22,540,206	24,757,917	27,535,578	12.51%	9.84%	11.22%
AVERAGE SCHEDULE ESTIMATE	227,200	277,354	321,677	387,315	22.07%	15.98%	20.40%
TOTAL INDUSTRY	20,261,532	22,817,560	25,079,594	27,922,893	12.62%	9.91%	11.34%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	1,439.8	1,446.6	1,460.0	1,494.9	0.47%	0.93%	2.39%
255181	SO CENTRAL BELL-AL	26,752.7	28,186.1	28,415.4	29,614.0	5.36%	0.81%	4.22%
452302	CONTEL CALIF - AZ	27.3	29.8	33.6	32.0	9.19%	12.88%	-4.68%
455101	MOUNTAIN BELL - AZ	22,823.2	25,503.4	25,573.9	25,244.1	11.74%	0.28%	-1.29%
401730	CONTEL OF ARKANSAS	124.1	783.7	746.0	728.5	531.23%	-4.81%	-2.35%
402080	GTE SOUTHWEST INC-AR	690.0	690.5	720.0	761.3	0.08%	4.27%	5.73%
405211	SOUTHWESTERN BELL-AR	9,810.6	9,856.0	9,893.6	9,894.3	0.46%	0.38%	0.01%
542302	CONTEL OF CALIFORNIA	1,749.5	2,066.0	2,259.2	2,492.8	18.09%	9.35%	10.34%
542319	GTC OF CALIFORNIA	33,864.0	32,124.9	32,127.0	32,736.8	-5.14%	0.01%	1.90%
545170	PACIFIC BELL	148,611.3	151,072.0	153,733.6	155,821.0	1.66%	1.76%	1.36%
542344	WEST COAST TEL OF CA	72.5	73.1	73.0	72.3	0.79%	-0.08%	-1.00%
465102	MOUNTAIN BELL-CO	23,120.1	25,497.0	25,269.0	26,927.5	10.28%	-0.89%	6.56%
135200	SOUTHERN NEW ENGLAND	23,299.0	23,578.0	21,962.3	22,802.0	1.20%	-6.85%	3.82%
575020	C & P TEL CO OF WASH	13,580.9	13,318.6	13,841.3	13,419.5	-1.93%	3.92%	-3.05%
565010	DIAMOND STATE TEL	5,088.7	5,405.0	5,626.0	5,660.7	6.22%	4.09%	0.62%
210340	CENTEL OF FLORIDA	2,640.6	2,893.8	3,230.5	3,313.5	9.59%	11.64%	2.57%
210328	GTE FLORIDA INC.	17,173.0	17,572.5	17,640.0	17,212.7	2.33%	0.38%	-2.42%
215191	SOUTHERN BELL-FL	55,212.2	59,871.9	63,080.8	64,818.3	8.44%	5.36%	2.75%
210341	UTC OF FLORIDA	8,121.5	8,306.7	9,001.6	9,638.2	2.28%	8.37%	7.07%
220479	GTE SOUTH INC.- GA	2,373.5	2,491.0	2,561.0	2,574.6	4.95%	2.81%	0.53%
225192	SOUTHERN BELL-GA	45,029.7	48,657.5	51,648.8	51,168.9	8.06%	6.15%	-0.93%
623100	GTE HAWAIIAN TEL. CO	7,764.0	8,174.9	8,165.0	8,116.3	5.29%	-0.12%	-0.60%
472416	GTE NORTHWEST INC-ID	638.5	675.5	627.0	631.8	5.79%	-7.18%	0.76%
475103	MOUNTAIN BELL-ID	3,406.6	3,695.7	3,819.9	3,883.1	8.49%	3.36%	1.65%
475162	PACIFIC NW BELL-ID	276.2	302.4	309.7	319.1	9.48%	2.41%	3.02%
340985	CENTEL OF ILLINOIS	1,992.4	2,044.0	2,043.1	2,138.1	2.59%	-0.04%	4.65%
341015	GTE NORTH INC. - IL	5,153.6	5,081.1	5,086.0	5,070.3	-1.41%	0.10%	-0.31%
345070	ILLINOIS BELL TEL CO	77,673.2	79,701.5	81,606.0	84,759.5	2.61%	2.39%	3.86%
320772	GTE NORTH INC. - IN	7,109.6	6,748.1	6,640.0	6,712.4	-5.08%	-1.60%	1.09%
325080	INDIANA BELL TEL CO	23,476.4	24,521.4	25,197.3	24,600.8	4.45%	2.76%	-2.37%
320832	UTC OF INDIANA	1,510.3	1,530.1	1,599.2	1,568.3	1.31%	4.52%	-1.94%
351207	CONTEL IA DBA GTE IA	1,050.1	1,035.3	538.5	554.3	-1.40%	-47.99%	2.93%
351186	GTE NORTH INC. - IA	778.7	809.8	800.0	779.8	4.00%	-1.21%	-2.53%
355141	NORTHWESTERN BELL-IA	10,603.8	11,107.4	11,257.0	11,789.1	4.75%	1.35%	4.73%
415214	SOUTHWESTERN BELL-KS	12,743.8	13,247.6	13,340.1	13,323.6	3.95%	0.70%	-0.12%
411842	UTC OF KANSAS	454.3	465.1	499.8	510.5	2.38%	7.45%	2.15%
265061	CINCINNATI BELL-KY	2,391.8	2,489.5	2,443.4	2,477.8	4.08%	-1.85%	1.41%
260407	GTE SOUTH INC. - KY	4,182.3	4,527.5	4,711.0	4,774.5	8.25%	4.05%	1.35%
265182	SO CENTRAL BELL-KY	15,496.4	15,989.3	15,880.6	15,871.5	3.18%	-0.68%	-0.06%
275183	SO CENTRAL BELL-LA	31,389.5	32,079.4	32,881.5	33,650.0	2.20%	2.50%	2.34%
105111	NEW ENGLAND TEL-ME	5,180.2	5,181.2	5,330.2	4,867.8	0.02%	2.88%	-8.68%
185030	C & P TEL CO OF MD	42,774.8	45,467.9	48,841.0	47,493.1	6.30%	7.42%	-2.76%
115112	NEW ENGLAND TEL-MA	43,737.0	46,065.0	42,885.2	39,257.3	5.32%	-6.90%	-8.46%
310695	GTE NORTH INC. - MI	4,776.4	4,881.7	4,844.0	4,925.6	2.20%	-0.77%	1.68%
315090	MICHIGAN BELL TEL CO	59,175.4	64,042.8	66,305.8	62,266.7	8.23%	3.53%	-6.09%
361367	CENTEL OF MN	808.2	875.0	895.6	941.2	8.26%	2.35%	5.09%
361186	GTE NORTH INC. - MN	20.5	20.5	20.0	20.2	0.12%	-2.56%	1.23%
365142	NORTHWESTERN BELL-MN	24,019.2	25,903.2	25,873.3	26,176.9	7.84%	-0.12%	1.17%
361456	UTC OF MINNESOTA	1,008.4	1,085.2	1,129.0	1,173.5	7.62%	4.03%	3.95%
285184	SO CENTRAL BELL-MS	15,261.7	16,052.5	16,183.8	16,678.5	5.18%	0.82%	3.06%
421186	GTE NORTH INC. - MO	923.0	918.6	915.0	909.5	-0.47%	-0.40%	-0.60%
425213	SOUTHWESTERN BELL-MO	32,999.8	33,544.2	32,902.7	34,235.7	1.65%	-1.91%	4.05%
421957	UTC OF MISSOURI	1,362.7	1,377.9	1,467.5	1,647.5	1.12%	6.51%	12.27%
482416	GTE NORTHWEST INC-MT	58.4	54.0	54.0	61.8	-7.56%	0.02%	14.53%
485104	MOUNTAIN BELL-MT	2,902.2	3,206.6	3,315.8	3,240.0	10.49%	3.40%	-2.28%
371186	GTE NORTH INC. - NE	359.1	356.6	354.0	348.4	-0.70%	-0.73%	-1.57%
371568	LINCOLN TEL & TEL CO	2,309.3	2,306.8	2,346.3	2,358.6	-0.11%	1.71%	0.52%
375143	NORTHWESTERN BELL-NE	6,062.1	6,331.7	6,139.7	6,361.9	4.45%	-3.03%	3.62%
371595	UTC OF THE WEST-NE	235.0	243.0	248.9	253.4	3.41%	2.44%	1.78%
552348	CENTEL OF NV	4,307.1	5,311.6	5,829.6	6,175.3	23.32%	9.75%	5.93%
552302	CONTEL OF CALIF-NV	102.7	107.0	117.4	121.6	4.17%	9.71%	3.57%
555173	NEVADA BELL	2,103.4	2,124.3	2,232.5	2,294.1	0.99%	5.09%	2.76%
125113	NEW ENGLAND TEL-NH	5,175.4	5,742.8	5,344.9	5,299.2	10.96%	-6.93%	-0.85%
165120	NEW JERSEY BELL	45,717.8	48,240.3	48,752.6	47,716.2	5.52%	1.06%	-2.13%
160138	UNITED TEL - NJ, INC	742.3	797.2	758.5	821.4	7.40%	-4.85%	8.29%
492080	GTE SOUTHWEST INC-NM	407.0	381.4	385.0	398.0	-6.30%	0.95%	3.38%
495105	MOUNTAIN BELL-NM	7,569.2	8,155.6	8,537.3	9,069.6	7.75%	4.68%	6.24%
150096	CONTEL OF NY, INC	1,882.0	1,713.4	1,773.0	1,919.2	-8.96%	3.48%	8.24%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	145,764.7	151,437.8	151,753.7	154,495.3	3.89%	0.21%	1.81%
150119	RED HOOK TEL CO	95.3	98.7	102.4	97.1	3.49%	3.78%	-5.11%
150121	ROCHESTER TEL CORP	6,133.4	6,508.1	6,936.1	7,244.8	6.11%	6.58%	4.45%
150136	WESTERN COUNTIES TEL	144.8	143.0	156.8	165.8	-1.24%	9.64%	5.72%
230470	CAROLINA TEL & TEL	9,237.7	9,407.2	9,633.0	9,422.8	1.83%	2.40%	-2.18%
230471	CENTEL OF NC	2,445.7	2,491.2	2,493.7	2,635.9	1.86%	0.10%	5.70%
230479	GTE SOUTH INC - NC	1,655.4	1,857.6	2,017.0	2,036.9	12.21%	8.58%	0.99%
235193	SOUTHERN BELL-NC	22,618.7	23,703.8	25,266.9	24,899.6	4.80%	6.59%	-1.45%
385144	NORTHWESTERN BELL-ND	2,730.6	2,912.4	2,706.1	2,644.8	6.66%	-7.09%	-2.26%
300630	CENTEL OF OHIO	682.9	719.9	897.5	932.2	5.42%	24.66%	3.87%
305062	CINCINNATI BELL-OH	11,775.7	12,806.9	12,622.6	12,907.5	8.76%	-1.44%	2.26%
300615	GTE NORTH INC. - OH	7,502.6	7,504.8	7,566.0	7,462.1	0.03%	0.81%	-1.37%
305150	OHIO BELL TEL CO	50,686.8	53,050.4	52,318.6	54,628.5	4.66%	-1.38%	4.41%
300661	UTC OF OHIO	4,694.5	4,433.5	4,614.6	5,192.5	-5.56%	4.09%	12.52%
432080	GTE SOUTHWEST INC-OK	948.2	952.6	999.0	1,127.3	0.47%	4.87%	12.84%
435215	SOUTHWESTERN BELL-OK	16,483.3	16,608.9	16,579.8	17,142.1	0.76%	-0.17%	3.39%
532416	GTE NORTHWEST INC-OR	2,952.7	2,924.8	2,861.0	2,906.0	-0.95%	-2.18%	1.57%
535163	PACIFIC NW BELL-OR	10,694.9	11,690.0	11,765.5	12,404.1	9.31%	0.65%	5.43%
532400	UTC OF THE NW - OR	330.8	341.9	356.9	363.6	3.33%	4.41%	1.87%
175000	BELL OF PENNSYLVANIA	71,045.7	73,442.0	76,943.5	78,650.8	3.37%	4.77%	2.22%
170169	GTE NORTH INC. - PA	5,621.6	5,787.6	5,702.0	5,674.6	2.95%	-1.48%	-0.48%
170209	UTC OF PENNSYLVANIA	2,604.3	2,657.9	2,601.9	2,739.3	2.06%	-2.11%	5.28%
633201	PUERTO RICO TEL CO	7,574.3	8,475.5	9,029.6	9,237.6	11.90%	6.54%	2.30%
585114	NEW ENGLAND TEL - RI	6,604.6	6,652.0	6,637.8	6,808.1	0.72%	-0.21%	2.57%
240479	GTE SOUTH INC. - SC	1,570.9	1,610.6	1,627.0	1,685.3	2.53%	1.02%	3.58%
245194	SOUTHERN BELL-SC	17,206.0	18,058.5	19,183.3	18,911.7	4.95%	6.23%	-1.42%
240506	UTC OF THE CAROLINAS	862.0	931.4	812.3	890.6	8.06%	-12.79%	9.63%
395145	NORTHWESTERN BELL-SD	2,480.7	2,596.9	2,553.3	2,660.8	4.68%	-1.68%	4.21%
290479	GTE SOUTH INC. - TN	607.3	625.3	624.0	650.9	2.96%	-0.21%	4.31%
295185	SO. CENTRAL BELL -TN	34,701.5	35,771.7	34,328.1	36,769.2	3.08%	-4.04%	7.11%
290567	UNITED INTER-MT-TN	2,575.8	2,717.0	2,436.1	2,757.6	5.48%	-10.34%	13.20%
442114	CENTEL OF TEXAS	1,322.4	1,593.9	1,651.3	1,732.3	20.53%	3.60%	4.91%
442154	CONTEL OF TEXAS	1,228.0	1,217.0	1,290.4	1,326.2	-0.90%	6.03%	2.77%
442080	GTE SOUTHWEST INC-TX	11,850.1	12,190.1	12,691.0	13,497.4	2.87%	4.11%	6.35%
445216	SOUTHWESTERN BELL-TX	101,625.4	104,584.0	108,607.1	112,338.8	2.91%	3.85%	3.44%
442084	UTC OF TEXAS INC	820.5	858.5	875.3	883.3	4.64%	1.95%	0.92%
505107	MOUNTAIN BELL-UT	10,123.2	10,953.4	11,257.1	11,511.8	8.20%	2.77%	2.26%
145115	NEW ENGLAND TEL-VT	2,241.9	2,338.5	2,648.3	1,996.9	4.31%	13.25%	-24.60%
195040	C & P TEL CO OF VA	36,940.3	39,451.7	40,900.1	41,010.8	6.80%	3.67%	0.27%
190254	CENTEL OF VIRGINIA	2,376.0	2,445.9	2,551.4	2,614.5	2.94%	4.31%	2.47%
190233	CONTEL OF VIRGINIA	3,463.6	3,842.8	4,203.9	4,558.9	10.95%	9.40%	8.44%
190479	GTE SOUTH INC. - VA	438.2	449.1	447.0	453.1	2.50%	-0.47%	1.36%
190567	UNITED INTER-MT-VA	988.2	1,057.0	1,099.5	1,140.9	6.96%	4.01%	3.77%
522416	GTE NORTHWEST INC-WA	5,549.9	6,136.0	6,123.0	6,066.4	10.56%	-0.21%	-0.93%
525161	PACIFIC NW BELL-WA	21,452.7	22,772.1	23,480.9	25,367.5	6.15%	3.11%	8.03%
522400	UTC OF THE NW-WA	330.0	317.0	327.1	380.7	-3.93%	3.16%	16.40%
205050	C & P TEL CO OF WV	10,590.1	10,672.0	10,775.2	11,233.5	0.77%	0.97%	4.25%
200479	GTE SOUTH INC. - WV	766.4	788.0	787.0	793.0	2.81%	-0.12%	0.77%
330886	GTE NORTH INC. - WI	2,926.3	2,919.2	2,921.0	2,939.6	-0.24%	0.06%	0.64%
335220	WISCONSIN BELL	21,117.0	22,930.7	23,069.5	23,287.5	8.59%	0.61%	0.94%
515108	MOUNTAIN BELL-WY	1,894.4	2,084.1	2,032.7	2,104.9	10.01%	-2.46%	3.55%
511595	UTC OF THE WEST-WY	44.2	47.7	48.1	46.4	7.86%	0.85%	-3.55%
TIER 1 COST COMPANIES		1,650,798.1	1,722,706.3	1,752,037.8	1,776,420.7	4.36%	1.70%	1.39%
250302	ALLTEL ALABAMA	N/A	N/A	209.0	193.2	N/A	N/A	-7.57%
250284	BUTLER TEL CO	45.7	49.3	60.0	64.7	7.92%	21.74%	7.76%
250281	CONTEL OF THE SOUTH	1,046.7	1,115.7	1,121.9	1,247.9	6.59%	0.55%	11.23%
250297	GROVE HILL TEL CORP	17.6	17.0	19.1	18.9	-3.46%	12.39%	-1.30%
250298	GULF TEL CO - AL	185.8	220.5	193.8	233.3	18.67%	-12.09%	20.38%
250300	HOPPER TEL. CO INC	24.8	24.8	25.5	28.1	-0.16%	2.74%	10.41%
250304	MILLRY TEL CO	50.1	52.4	55.0	58.9	4.44%	5.05%	7.01%
250306	MONROEVILLE TEL CO	122.1	163.7	149.6	170.4	34.15%	-8.64%	13.91%
250314	PEOPLES TEL CO	116.2	126.6	137.1	147.0	8.96%	8.25%	7.24%
250316	RAGLAND TEL CO	9.1	9.7	9.9	10.1	6.95%	2.09%	2.23%
250318	SOUTHLAND TEL CO-AL	136.2	152.4	158.8	85.5	11.93%	4.17%	-46.16%
613000	ANCHORAGE TEL UTIL	1,809.2	1,822.4	1,837.0	1,911.6	0.73%	0.80%	4.06%
613001	ARCTIC SLOPE TEL	8.0	8.3	8.6	10.7	2.82%	4.23%	24.32%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	5.4	6.0	6.3	6.6	10.68%	4.52%	5.24%
613004	BUSH-TELL INC.	3.1	3.2	3.4	3.8	3.45%	7.57%	10.11%
613006	COPPER VALLEY TEL	20.4	24.5	41.4	26.4	19.82%	68.93%	-36.10%
613007	CORDOVA TEL COOP	10.0	10.3	12.6	10.4	2.48%	22.43%	-17.38%
613008	FAIRBANKS MUNICIPAL	N/A	336.6	353.2	374.0	N/A	4.95%	5.87%
613010	GLACIER STATE TEL CO	290.2	298.3	313.7	370.2	2.80%	5.16%	18.04%
613009	GTE ALASKA INC.	93.3	89.6	91.1	91.4	-4.02%	1.76%	0.27%
613011	INTERIOR TEL CO INC	10.8	12.5	12.8	15.4	16.00%	2.20%	20.44%
613012	JUNEAU & DOUGLAS TEL	162.7	151.4	172.6	219.5	-6.98%	14.03%	27.16%
613013	KETCHIKAN PUBLIC UT	N/A	71.5	78.0	81.7	N/A	8.96%	4.76%
613015	MATANUSKA TEL ASSOC	294.4	253.5	274.7	294.1	-13.90%	8.39%	7.05%
613016	MUKLUK TEL CO INC	2.5	2.7	3.0	3.4	5.98%	10.86%	13.83%
613018	NUSHAGAK TEL COOP	10.3	11.9	12.6	12.4	15.97%	5.63%	-1.76%
613019	OTZ TEL COOPERATIVE	13.2	11.6	13.5	14.5	-11.82%	16.54%	6.75%
613020	SITKA TELEPHONE CO	49.6	52.5	54.9	59.7	5.86%	4.39%	8.89%
613022	TEL UTIL OF ALASKA	17.4	21.3	24.8	32.9	22.43%	16.68%	32.70%
613023	UNITED UTILITIES INC	N/A	20.9	22.4	23.0	N/A	7.14%	3.01%
613025	YUKON TEL CO INC	1.5	1.6	1.5	1.7	10.67%	-4.22%	12.27%
452171	ARIZONA TELEPHONE CO	3.1	3.2	3.6	4.7	3.77%	13.56%	29.38%
452172	CITIZENS UTILITIES	246.1	290.2	292.8	303.4	17.91%	0.92%	3.59%
452177	CONTEL OF WEST-AZ	151.2	150.1	154.1	145.1	-0.72%	2.62%	-5.81%
452275	NAVAJO COMMUN-AZ	36.0	42.4	47.5	53.8	17.60%	12.21%	13.24%
452173	PAPAGO TRIBAL UTIL.	N/A	3.4	7.2	9.4	N/A	113.71%	31.46%
452175	UNIVERSAL TEL OF SW	6.6	7.1	7.4	6.9	8.01%	3.46%	-6.07%
452176	VALLEY TEL COOP-AZ	8.8	9.6	9.9	10.4	8.69%	3.58%	5.36%
401691	ALLTEL ARKANSAS INC	621.2	617.2	631.2	678.4	-0.65%	2.27%	7.48%
401692	ARKANSAS TEL CO	48.8	54.1	56.6	61.1	10.80%	4.61%	8.07%
401697	CENTRAL ARKANSAS TEL	18.4	20.0	21.3	21.4	8.98%	6.43%	0.15%
401705	CENTURY OF ARKANSAS	103.5	106.5	108.3	114.8	2.91%	1.66%	6.02%
401698	CLEVELAND COUNTY TEL	15.0	16.4	18.9	22.1	9.13%	15.25%	17.18%
401699	DECATUR TEL CO INC	3.5	3.7	4.2	4.6	6.22%	13.68%	8.38%
401709	MADISON COUNTY TEL	22.2	21.1	20.6	23.0	-5.09%	-2.03%	11.58%
401711	MOUNTAIN HOME TEL	95.9	87.6	85.0	91.5	-8.63%	-2.92%	7.62%
401713	NORTH ARKANSAS TEL	23.0	24.9	26.0	27.5	8.51%	4.30%	5.49%
401717	PERCO TELEPHONE CO	N/A	N/A	18.0	21.4	N/A	N/A	18.79%
401720	REDFIELD TEL CO	9.3	10.0	8.1	8.5	7.87%	-18.33%	4.02%
401702	SOUTH ARKANSAS TEL	27.7	29.0	32.3	32.3	4.74%	11.25%	-0.03%
401726	TRI-COUNTY TEL CO-AR	42.4	47.3	48.0	47.8	11.54%	1.50%	-0.26%
401727	UNION TEL CO INC	3.2	6.8	7.3	7.6	114.62%	7.88%	3.27%
401729	WALNUT HILL TEL CO	30.6	32.5	36.2	37.8	6.11%	11.56%	4.41%
401733	YELCOT TEL CO INC	22.5	25.0	25.0	24.4	11.48%	-0.31%	-2.41%
401734	YELL COUNTY TEL CO	33.9	36.0	35.6	34.6	6.31%	-1.11%	-2.79%
542304	C P NATIONAL CORP-CA	62.3	64.8	69.8	72.1	4.03%	7.67%	3.35%
542301	CALAVERAS TEL CO	5.5	5.8	7.2	8.5	6.18%	23.30%	18.93%
542311	CALIF-OREGON TEL CO	9.7	10.3	10.8	11.9	6.04%	4.91%	10.34%
542308	CITIZENS UTIL OF CA	485.2	578.5	626.1	688.5	19.22%	8.23%	9.97%
542313	DUCOR TELEPHONE CO	2.1	2.3	2.3	2.1	7.26%	2.59%	-7.77%
542315	EVANS TEL CO.	44.2	50.9	52.8	59.7	15.20%	3.78%	13.01%
542318	FORESTHILL TEL CO.	N/A	7.0	8.9	9.2	N/A	28.33%	3.62%
542321	HAPPY VALLEY TEL CO	N/A	23.9	26.6	28.3	N/A	11.31%	6.28%
542322	HORNITOS TEL CO	N/A	1.0	0.6	0.6	N/A	-44.08%	5.60%
542324	KERMAN TELEPHONE CO	40.5	48.1	49.1	52.2	18.59%	2.12%	6.46%
542346	PINNACLES TEL CO	0.3	0.2	0.2	0.3	-23.06%	10.41%	19.01%
542334	ROSEVILLE TEL CO	605.8	754.7	806.9	855.6	24.58%	6.92%	6.04%
542338	SIERRA TELEPHONE CO	N/A	80.4	88.4	92.0	N/A	10.00%	4.04%
542332	THE PONDEROSA TEL CO	27.6	25.5	29.3	30.6	-7.67%	15.09%	4.20%
542339	THE SISKIYOU TEL CO	13.7	15.3	16.9	17.7	11.68%	10.40%	5.15%
542343	THE VOLCANO TEL CO	26.0	30.4	21.1	24.7	16.88%	-30.52%	16.71%
542342	TUOLUMNE TEL CO	18.7	19.6	20.9	22.2	5.28%	6.46%	6.07%
542323	WINTERHAVEN TELL. CO.	N/A	0.0	3.8	3.9	N/A	N/A	3.07%
462192	BIG SANDY TELCOMM	3.5	3.5	3.5	3.7	-1.18%	1.70%	3.61%
462181	BIJOU TEL COOP ASSOC	3.0	4.7	4.6	5.0	59.70%	-3.20%	9.95%
462182	BLANCA TEL CO	1.9	1.0	1.1	2.6	-45.71%	7.38%	141.45%
462204	COLUMBINE TEL CO	2.9	2.4	1.9	2.1	-17.07%	-21.34%	10.13%
462184	DELTA COUNTY TEL CO	53.4	56.3	56.5	55.9	5.45%	0.20%	-0.98%
462185	EAGLE TELECOMMUN INC	23.3	27.0	28.8	32.0	16.18%	6.35%	11.23%
462186	EASTERN SLOPE RURAL	25.0	22.2	19.6	21.2	-11.18%	-11.56%	7.82%
462187	EL PASO COUNTY TEL	10.6	12.2	12.4	14.4	15.72%	1.34%	16.18%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	1.3	1.3	1.3	1.2	-3.07%	2.81%	-5.85%
462190	HAXTUN TEL CO	7.9	7.5	6.5	6.3	-5.61%	-13.61%	-2.26%
462193	NUCLA-NATURITA TEL	5.5	5.9	6.0	6.3	7.37%	2.22%	5.19%
462194	NUNN TEL CO	1.0	1.3	0.7	0.8	29.16%	-44.48%	8.41%
462196	PEETZ COOP TEL CO	1.2	1.3	1.4	1.1	7.19%	1.90%	-18.94%
462199	PLAINS COOP TEL ASSN	8.2	8.2	8.5	8.9	0.40%	3.83%	5.08%
462203	RYE TELEPHONE CO	7.4	8.0	8.1	8.4	7.21%	1.62%	3.33%
462207	STRASBURG TEL CO	3.9	3.9	3.7	3.9	0.00%	-4.97%	3.94%
461835	SUNFLOWER TEL - CO	1.4	1.4	1.3	1.4	3.47%	-7.15%	2.67%
462208	UNIVERSAL TEL CO -CO	32.4	34.3	28.7	28.8	5.99%	-16.43%	0.37%
462209	WIGGINS TEL ASSOC	5.5	5.5	5.5	6.3	0.06%	1.50%	13.76%
210336	ALLTEL FLORIDA INC.	428.8	487.9	564.7	614.5	13.77%	15.74%	8.83%
210291	FLORALA TEL CO	13.9	17.4	18.0	18.7	25.23%	3.39%	3.50%
210329	GULF TEL CO	83.4	84.2	90.3	102.0	0.91%	7.25%	12.91%
210331	INDIANTOWN SYSTEM	10.3	11.1	12.4	13.6	7.83%	12.17%	9.56%
210335	NORTHEAST FLORIDA	44.2	44.6	53.6	59.0	0.79%	20.24%	9.99%
210338	QUINCY TEL CO-FL DIV	112.9	116.9	121.7	129.1	3.59%	4.07%	6.04%
210318	SOUTHLAND TEL-FL	35.2	42.7	47.0	54.2	21.12%	10.05%	15.43%
210339	ST JOSEPH TEL & TEL	166.5	172.2	178.2	187.5	3.40%	3.45%	5.27%
210330	VISTA-UNITED TELCOM	48.4	92.2	113.5	129.5	90.44%	23.15%	14.03%
220357	ALLTEL GEORGIA INC.	N/A	N/A	621.4	744.0	N/A	N/A	19.74%
220344	ALMA TEL CO	57.0	57.0	63.2	63.2	-0.05%	10.93%	0.00%
220347	BRANTLEY TEL CO	28.7	30.1	33.3	35.9	4.80%	10.74%	7.58%
220351	CAMDEN TEL & TEL CO	91.6	103.1	114.4	126.7	12.50%	10.98%	10.71%
220355	CITIZENS TEL CO - GA	44.7	45.7	46.4	52.8	2.26%	1.60%	13.73%
220356	COASTAL UTILITIES	173.6	182.6	191.8	202.5	5.15%	5.03%	5.61%
220281	CONTEL OF SOUTH - GA	504.6	613.0	676.7	761.6	21.49%	10.40%	12.54%
220358	DARIEN TEL CO	30.0	31.4	33.5	34.3	4.73%	6.58%	2.48%
220360	ELLIJAY TEL CO	64.9	61.2	68.7	68.9	-5.69%	12.33%	0.32%
220371	INTERSTATE TEL CO	158.1	151.3	153.4	166.8	-4.30%	1.33%	8.79%
220377	PINELAND TEL COOP	92.6	94.3	94.9	94.2	1.92%	0.62%	-0.75%
220379	PLANT TEL. CO.	71.0	73.4	76.0	79.6	3.27%	3.53%	4.80%
220381	PUBLIC SERVICE TEL	86.9	90.2	91.1	100.1	3.71%	1.01%	9.90%
220338	QUINCY TEL CO-GA DIV	9.8	10.2	10.4	10.6	4.67%	1.22%	2.69%
220386	STANDARD TEL CO	362.1	386.4	348.8	418.4	6.72%	-9.74%	19.94%
220392	WAVERLY HALL TEL CO	6.5	5.4	5.9	6.1	-16.87%	10.19%	3.70%
220394	WILKES TEL & ELC CO	97.6	102.0	104.2	99.7	4.56%	2.15%	-4.36%
472213	ALBION TEL CO INC	6.7	6.4	7.4	8.5	-4.69%	16.90%	14.93%
472215	CAMBRIDGE TEL CO	4.0	4.1	4.9	4.6	2.78%	20.66%	-7.17%
472225	CENTURY TEL OF IDAHO	22.0	23.9	24.1	24.0	8.80%	0.80%	-0.39%
472177	CONTEL OF WEST-ID	69.3	71.5	71.9	80.7	3.20%	0.51%	12.22%
472218	CUSTER TEL COOP	10.2	10.3	10.9	12.8	0.70%	6.27%	17.51%
472223	GEM STATE UTIL-ID	6.8	6.5	7.3	6.1	-3.38%	11.34%	-16.70%
472423	INLAND TEL-ID	0.9	1.1	0.8	0.8	17.58%	-28.31%	3.23%
472226	MIDVALE TEL EXCH INC	0.7	0.3	1.7	1.7	-58.26%	434.55%	2.92%
472231	PROJECT MUTUAL TEL	84.9	78.3	84.7	89.0	-7.80%	8.15%	5.10%
472232	ROCKLAND TEL CO INC	2.2	2.4	2.4	2.7	5.36%	2.76%	9.81%
472233	RURAL TEL CO - ID	0.4	0.4	0.4	0.4	-7.91%	-5.47%	7.71%
472295	SILVER STAR TEL- ID	1.5	1.5	1.6	1.7	0.86%	6.08%	10.79%
472234	TROY TELEPHONE CO	2.9	3.1	3.2	3.5	7.59%	4.72%	8.67%
341000	ALLTEL ILLINOIS INC.	331.8	304.8	292.6	307.5	-8.15%	-3.99%	5.09%
341036	CONTEL OF ILLINOIS	1,166.0	1,199.2	1,184.7	1,188.3	2.85%	-1.21%	0.30%
341004	EL PASO TEL CO	9.9	10.3	10.3	10.8	4.35%	-0.13%	5.63%
341023	GRIDLEY TEL CO	5.2	5.1	5.1	5.3	-1.43%	-1.34%	5.25%
341037	IL CONSOLIDATED TEL	648.4	693.9	679.3	677.9	7.03%	-2.10%	-0.21%
341038	INLAND TEL CO	21.1	20.3	19.7	20.6	-3.76%	-2.94%	4.68%
341045	LEAF RIVER VLY TEL	2.3	2.5	2.4	2.6	8.74%	-2.53%	6.62%
341055	MIDLAND TEL CO	22.9	23.3	21.9	21.6	1.94%	-6.30%	-1.16%
341060	MOULTRIE INDEPENDENT	4.3	4.3	4.6	3.6	1.14%	5.38%	-21.80%
320753	CLAY CTY RURAL COOP	78.8	79.8	83.1	91.7	1.27%	4.07%	10.37%
320776	COMM CORP OF INDIANA	N/A	56.7	90.3	101.5	N/A	59.32%	12.33%
320779	CONTEL OF INDIANA	1,337.8	1,501.2	1,626.9	1,679.5	12.21%	8.37%	3.23%
320797	NEW PARIS TEL INC	13.6	15.9	14.7	16.8	16.50%	-7.57%	14.22%
320800	NORTHWESTERN INDIANA	69.7	69.1	70.0	77.1	-0.89%	1.27%	10.25%
351346	ACE TEL ASSN-IA	22.6	27.7	29.3	31.0	22.50%	5.88%	5.77%
351105	AYRSHIRE FARMERS MUT	1.4	1.5	1.4	1.3	0.87%	-3.53%	-9.96%
351110	BERNARD TEL CO INC	3.8	3.7	3.3	3.3	-2.65%	-11.39%	-1.16%
351127	CENDEL OF IOWA	N/A	391.3	393.8	411.9	N/A	0.62%	4.62%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	45.6	46.2	48.5	40.2	1.25%	4.91%	-17.00%
351229	LOST NATION-ELWOOD	5.5	3.8	3.4	3.3	-29.80%	-11.12%	-2.22%
351316	UNITED FARMERS TEL	N/A	3.0	3.1	2.5	N/A	2.18%	-17.80%
351327	WEBB-DICKENS TEL	1.6	1.4	1.5	1.5	-9.99%	6.92%	-0.24%
411741	ASSARIA TEL EXCHANGE	2.1	2.1	2.3	2.4	-0.38%	11.03%	4.74%
411746	BLUE VALLEY TEL CO	13.3	12.9	13.0	14.5	-3.50%	1.36%	11.60%
411818	CRAW-KAN TEL COOP	73.9	75.0	73.4	73.6	1.58%	-2.23%	0.34%
411761	CUNNINGHAM TEL CO	7.9	6.9	7.0	6.6	-12.67%	0.82%	-5.80%
411764	ELKHART TEL CO INC	9.2	8.1	8.2	8.8	-11.95%	1.61%	7.61%
411781	H & B COMMUNICATIONS	4.0	3.9	4.0	4.1	-2.55%	3.39%	1.51%
411782	HOME TEL CO	6.3	6.3	6.9	5.2	0.59%	10.19%	-24.97%
411785	J. B. N. TEL CO INC	12.1	12.4	11.8	11.5	3.13%	-5.40%	-2.12%
411788	KANOKLA TEL ASSN-KS	11.4	12.2	12.0	9.5	6.24%	-1.24%	-20.49%
411801	MADISON TEL CO INC	4.3	4.4	4.4	4.6	0.66%	1.88%	2.80%
411807	MOKAN DIAL INC-KS	10.1	11.8	12.7	11.4	17.08%	7.51%	-10.04%
411808	MOUNDRIDGE TEL CO	13.8	13.9	14.2	15.2	0.80%	2.40%	7.03%
411814	PEOPLES MUTUAL TEL	6.1	6.2	6.1	5.9	0.78%	-0.74%	-4.58%
411817	PIONEER TEL ASSN INC	N/A	88.5	87.8	92.1	N/A	-0.80%	4.85%
411826	RURAL TEL SERVICE CO	40.6	39.4	38.9	37.2	-3.07%	-1.14%	-4.45%
411827	S & T TEL COOP ASSN	8.4	7.1	7.1	7.7	-14.76%	-0.37%	8.41%
411831	S. CENTRAL TEL - KS	4.6	3.5	3.8	4.1	-22.27%	8.47%	6.28%
411835	SUNFLOWER TEL CO	26.8	30.3	29.5	26.4	13.05%	-2.52%	-10.59%
412030	TOTAH TELEPHONE CO	4.9	4.9	4.9	5.3	1.28%	0.01%	7.20%
411840	TWIN VALLEY TEL INC	10.8	11.1	12.7	9.7	2.42%	15.16%	-23.75%
411841	UNITED TEL ASSN	23.4	25.3	26.1	26.0	8.14%	3.01%	-0.43%
411847	WHEAT STATE TEL, INC	9.8	10.2	10.7	9.9	4.49%	4.26%	-6.76%
411849	WILSON TEL CO INC	10.8	12.0	11.5	11.7	11.47%	-4.51%	2.07%
411852	ZENDA TEL COMPANY	1.0	1.0	0.9	0.9	-6.47%	-11.03%	5.15%
260410	CONTEL OF KENTUCKY	791.3	830.1	823.0	878.0	4.90%	-0.85%	6.68%
270431	CADDOAN TEL CO	80.1	95.1	73.7	81.5	18.79%	-22.47%	10.46%
270425	CAMERON TEL CO - LA	53.2	49.1	56.3	53.2	-7.67%	14.72%	-5.56%
270423	CENTRAL LOUISIANA	155.7	160.1	152.4	165.0	2.85%	-4.79%	8.25%
270436	CENTURY NORTH LA	8.4	8.1	54.0	56.1	-3.57%	563.75%	4.00%
270440	CENTURY TEL CO	20.9	23.2	21.9	25.2	11.21%	-5.92%	15.04%
270424	COASTAL TEL & ELEC	98.2	100.1	96.7	106.7	1.93%	-3.47%	10.41%
270429	EAST ASCENSION TEL	282.4	295.6	316.2	296.0	4.69%	6.97%	-6.39%
270430	ELIZABETH TEL CO	25.2	26.2	25.6	26.7	4.12%	-2.39%	4.13%
270434	EVANGELINE TEL CO	585.1	301.3	308.7	328.3	-48.50%	2.45%	6.36%
270433	LAFOURCHE TEL CO	113.6	116.3	119.5	124.8	2.34%	2.76%	4.42%
270442	LOUISIANA WESTERN	33.2	33.9	32.9	32.3	2.02%	-3.04%	-1.73%
270435	NORTHEAST LOUISIANA	7.6	9.5	10.3	10.8	25.18%	8.41%	5.68%
270438	RESERVE TEL CO	N/A	N/A	17.9	41.9	N/A	N/A	134.32%
100004	CHINA TEL CORP	N/A	9.1	9.6	10.1	N/A	5.69%	5.19%
100014	CONTEL OF MAINE	216.9	201.6	212.3	217.5	-7.04%	5.28%	2.45%
100010	HAMPDEN TEL CO	N/A	20.9	22.2	23.0	N/A	6.11%	3.75%
100011	HARTLAND & ST ALBANS	12.3	14.4	15.6	14.1	16.66%	8.53%	-9.32%
100003	LINCOLNVILLE TEL CO	5.9	6.9	7.3	7.7	17.51%	5.88%	4.18%
100024	SOMERSET TEL CO	38.0	38.1	40.3	42.1	0.21%	5.87%	4.35%
100025	STANDISH TEL CO	N/A	22.0	22.3	26.6	N/A	1.57%	19.23%
100027	UNION RIVER TEL CO	2.6	3.2	3.3	3.5	21.86%	1.33%	8.72%
100029	UNITY TEL CO., INC.	N/A	17.4	19.0	20.9	N/A	9.36%	9.95%
100031	WARREN TEL CO	4.1	4.5	5.1	4.9	8.53%	13.34%	-4.42%
100034	WEST PENOBSCOT TEL	7.9	7.8	8.0	8.3	-1.66%	3.00%	3.50%
310704	ACE TEL OF MICHIGAN	9.2	11.7	14.1	16.1	26.82%	21.23%	13.65%
310681	ALLTEL MICHIGAN INC.	294.3	299.1	263.9	259.3	1.62%	-11.78%	-1.73%
310679	BLOOMINGDALE TEL CO	5.4	5.6	5.7	6.6	2.19%	2.51%	15.13%
310682	C, C & S TELCO - MI	120.8	127.2	121.0	130.0	5.27%	-4.85%	7.37%
310683	CARR TEL CO	3.2	3.5	4.0	4.4	9.40%	16.56%	9.86%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	126.4	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	225.0	232.4	233.5	248.7	3.29%	0.50%	6.52%
310685	CHATHAM TEL CO - MI	15.6	16.4	17.7	16.4	4.78%	8.53%	-7.34%
310680	CHIPPEWA COUNTY TEL	2.8	3.0	3.3	3.9	8.06%	10.28%	17.13%
310713	HIAWATHA TEL CO	19.2	21.5	22.1	22.8	12.02%	2.80%	2.81%
310711	MIDWAY TEL CO	3.8	3.9	2.8	2.8	1.56%	-28.00%	-0.07%
310714	OGDEN TEL CO	N/A	3.2	3.0	3.2	N/A	-6.18%	6.20%
310717	ONTONAGON COUNTY TEL	29.6	30.5	30.2	29.4	3.02%	-1.07%	-2.72%
310721	PIGEON TEL CO	12.2	12.3	10.5	10.2	1.24%	-14.93%	-2.61%
310728	SPRINGPORT TEL CO	6.9	7.8	7.0	7.0	13.51%	-10.99%	1.20%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	16.5	17.6	19.0	18.3	7.09%	7.47%	-3.33%
310737	WINN TEL CO	N/A	1.7	1.8	1.4	N/A	7.72%	-22.25%
310738	WOLVERINE TEL CO	60.7	65.6	66.4	63.6	8.08%	1.27%	-4.20%
361346	ACE TEL ASSN-MN	75.6	69.5	67.5	79.2	-8.08%	-2.83%	17.31%
361374	ARROWHEAD COMM CORP	1.8	2.0	2.0	1.5	10.56%	-0.44%	-24.77%
361350	ARVIG TEL CO	38.0	43.0	43.6	47.0	13.37%	1.35%	7.85%
361370	CLARA CITY TEL EXCH	8.4	8.4	8.6	8.8	-0.84%	2.61%	2.30%
361140	CONTEL MN DBA GTE MN	745.3	770.4	761.8	784.4	3.36%	-1.12%	2.97%
361385	EAST OTTER TAIL TEL	84.6	93.2	104.1	108.0	10.26%	11.60%	3.79%
361395	GARDEN VALLEY TEL CO	93.3	94.4	96.4	100.4	1.26%	2.07%	4.19%
361410	JOHNSON TEL CO	5.4	5.9	5.8	5.8	8.59%	-0.62%	-0.94%
361414	LAKEDALE TEL CO	45.6	57.9	57.2	56.2	26.95%	-1.13%	-1.71%
361433	MID STATE TEL CO	41.4	39.9	40.7	46.6	-3.69%	2.06%	14.50%
361442	NEW ULM TELECOM, INC	63.2	69.7	72.8	63.3	10.21%	4.50%	-13.13%
361451	PAUL BUNYAN RURAL	39.5	44.0	43.6	44.7	11.51%	-0.83%	2.49%
361483	SLEEPY EYE TEL CO	35.9	35.3	36.5	34.7	-1.70%	3.37%	-5.10%
361491	TWIN VALLEY-ULEN TEL	25.8	19.6	20.6	20.7	-24.09%	5.25%	0.39%
280453	ALLTEL MISSISSIPPI	N/A	N/A	140.0	136.7	N/A	N/A	-2.39%
280446	BAY SPRINGS TEL CO	107.2	112.8	122.6	127.9	5.29%	8.68%	4.31%
280452	DELTA TEL CO	30.5	35.4	43.4	43.4	15.96%	22.52%	0.00%
280454	FRANKLIN TEL CO - MS	70.2	64.4	66.1	65.6	-8.30%	2.72%	-0.81%
280458	HOME TEL CO-OLIVE BR	N/A	92.4	101.8	113.4	N/A	10.24%	11.37%
280461	SOUTHEAST MS TEL CO	9.7	33.5	36.8	39.4	243.70%	9.99%	7.05%
421885	ALLTEL MISSOURI	187.5	199.6	191.0	204.1	6.45%	-4.34%	6.87%
421865	CITIZENS TEL CO - MO	15.3	14.7	21.5	22.7	-3.83%	46.49%	5.67%
421922	CONTEL OF MISSOURI	896.7	1,040.4	1,199.3	1,330.8	16.02%	15.28%	10.96%
421846	CONTINENTAL SYS. -MO	335.6	347.0	327.8	348.1	3.37%	-5.51%	6.19%
421873	EASTERN MISSOURI TEL	13.6	14.0	14.8	15.5	2.92%	5.21%	5.35%
421882	FIDELITY TEL CO	72.4	77.3	69.1	81.2	6.81%	-10.59%	17.40%
421886	GOODMAN TEL CO	6.8	6.5	6.0	6.6	-3.60%	-8.96%	11.58%
421888	GRAND RIVER MUT-MO	103.8	105.7	103.7	99.1	1.86%	-1.95%	-4.42%
421929	HOLWAY TEL CO	4.5	5.2	5.2	3.3	14.96%	0.00%	-36.12%
421901	KINGDOM TELEPHONE	14.8	15.7	18.8	19.1	6.34%	19.85%	1.68%
421908	LE-RU TELEPHONE CO	5.0	5.3	5.3	5.0	5.58%	-0.48%	-5.06%
421904	MISSOURI TEL CO	126.3	132.1	131.0	142.3	4.56%	-0.77%	8.56%
421807	MOKAN DIAL INC-MO	4.1	4.7	3.4	3.7	14.22%	-26.79%	7.62%
421931	NE MISSOURI RURAL	25.5	26.5	26.2	26.3	3.70%	-0.99%	0.46%
421934	ORCHARD FARM TEL CO	1.9	1.9	2.0	2.2	0.73%	3.14%	8.23%
421951	STOUTLAND TEL CO	6.5	7.0	6.8	7.0	8.27%	-3.32%	3.61%
482235	BLACKFOOT TEL COOP	22.9	25.1	24.3	20.8	9.52%	-3.39%	-14.32%
482241	HOT SPRINGS TEL CO	N/A	4.4	2.3	2.3	N/A	-47.48%	-2.65%
482242	INTERBEL TEL COOP	6.0	6.3	7.1	8.0	5.52%	13.50%	12.73%
482244	LINCOLN TEL CO INC	2.8	2.8	3.0	3.1	-0.05%	5.31%	4.48%
482246	MID-RIVERS TEL COOP	47.2	48.3	47.8	46.4	2.21%	-1.03%	-2.89%
482247	NEMONT TEL COOP-MT	8.6	9.6	9.5	9.0	11.67%	-0.56%	-4.97%
482248	NORTHERN TEL COOP	7.1	6.8	7.4	7.1	-4.83%	9.82%	-4.92%
482249	NW TEL SYSTEMS, INC.	199.8	137.4	271.6	281.0	-31.21%	97.69%	3.45%
482250	PROJECT TEL CO	12.4	11.0	13.2	14.3	-11.38%	20.20%	8.41%
482251	RANGE TEL COOP-MT	19.2	18.9	18.9	18.4	-1.86%	0.17%	-2.67%
482254	SOUTHERN MONTANA TEL	2.2	2.6	2.7	3.0	21.92%	3.38%	8.12%
482257	TRIANGLE TEL COOP	58.4	57.9	58.6	58.2	-0.84%	1.19%	-0.73%
482258	VALLEY RURAL TEL	3.6	3.6	3.7	3.6	0.74%	4.07%	-2.31%
482255	3-RIVERS TEL COOP	45.1	48.3	50.6	51.2	7.14%	4.67%	1.15%
371516	ARAPAHOE TEL CO	7.0	6.7	6.1	6.4	-3.93%	-9.66%	5.72%
371517	ARLINGTON TEL CO	6.0	6.2	6.1	5.6	2.06%	-1.39%	-7.17%
372455	BENKELMAN TEL CO	N/A	7.9	7.9	7.9	N/A	0.11%	-0.11%
371524	BLAIR TEL CO	43.9	46.1	48.3	50.8	4.98%	4.81%	5.22%
371526	CAMBRIDGE TEL CO -NE	N/A	7.8	6.8	7.1	N/A	-12.61%	4.53%
371531	CLARKS TEL CO	4.4	5.2	5.1	5.2	16.45%	-0.88%	2.09%
371534	COZAD TEL CO	15.9	16.0	15.6	16.3	1.22%	-2.72%	4.31%
371536	CURTIS TEL CO	5.2	5.0	5.0	5.4	-4.45%	-0.91%	8.24%
371537	DALTON TEL CO, INC	6.9	7.7	7.4	7.3	12.76%	-5.09%	-1.28%
371540	DILLER TEL CO	5.2	5.0	4.3	4.4	-2.91%	-14.66%	1.56%
371542	EASTERN NEBRASKA TEL	16.2	16.6	15.7	15.4	2.45%	-5.85%	-1.58%
371577	GREAT PLAINS COMMUN	164.5	168.0	169.0	168.6	2.11%	0.60%	-0.24%
371557	HARTMAN TEL EXCH INC	2.8	2.5	2.3	2.1	-9.47%	-7.83%	-11.61%
371558	HEMINGFORD COOP TEL	8.6	9.2	9.6	9.5	6.70%	4.01%	-1.05%
371567	KEYSTONE-ARTHUR TEL	1.0	1.0	0.9	0.9	2.53%	-9.73%	-1.20%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	22.6	23.0	43.9	46.9	1.81%	91.17%	6.79%
371580	PETERSBURG TEL CO	2.4	2.5	2.5	2.7	7.20%	0.48%	7.41%
371586	ROCK COUNTY TEL CO	7.4	8.0	8.3	7.0	8.34%	3.22%	-15.07%
371591	SE NEBRASKA TEL CO	N/A	33.6	33.7	34.7	N/A	0.44%	2.97%
371592	STANTON TEL CO, INC	8.0	7.3	7.2	7.6	-7.85%	-2.04%	6.45%
371525	THREE RIVER TELCO	7.5	7.3	7.2	7.1	-2.64%	-1.33%	-1.14%
371597	WAUNETA TEL CO	3.6	4.4	4.2	3.8	22.28%	-3.95%	-8.94%
552284	BEEHIVE TEL CO - NV	N/A	0.4	0.7	0.7	N/A	67.25%	0.00%
552349	CHURCHILL COUNTY TEL	61.6	66.9	71.2	76.2	8.73%	6.40%	7.03%
552304	CP NATIONAL-NV	56.0	82.6	99.1	77.4	47.65%	19.94%	-21.83%
552223	GEM STATE UTIL-NV	1.5	1.6	2.1	2.4	8.53%	25.78%	17.99%
552351	LINCOLN CTY TEL SYS	7.2	7.6	7.6	7.9	5.44%	0.56%	3.50%
552353	MOAPA VALLEY TEL CO.	12.7	15.3	19.2	21.5	20.31%	25.19%	12.29%
552354	NEVADA TEL-TELEGRAPH	12.9	13.8	15.6	14.7	7.23%	13.11%	-5.71%
552356	RIO VIRGIN TEL CO	5.4	6.7	6.4	8.0	23.68%	-4.82%	26.20%
552233	RURAL TEL CO - NV	0.2	0.7	0.9	0.8	231.88%	19.76%	-10.10%
120038	BRETTON WOODS TEL CO	0.1	0.4	0.6	0.6	177.58%	42.68%	7.11%
120040	CHICHESTER TEL CO	N/A	11.3	6.4	8.0	N/A	-43.37%	24.79%
120041	CONTEL OF NH	48.8	54.1	53.2	53.5	10.76%	-1.70%	0.57%
120039	GRANITE STATE TEL	32.2	35.0	36.0	38.4	8.89%	2.86%	6.47%
120045	KEARSARGE TEL CO	19.9	21.8	23.1	24.3	9.22%	6.20%	5.18%
120046	MERIDEN TEL CO	1.6	1.7	1.7	1.8	5.89%	-1.09%	5.77%
120047	MERRIMAK COUNTY TEL	45.7	48.1	52.4	32.8	5.22%	9.07%	-37.45%
120049	UNION TEL CO	11.7	17.9	22.1	23.0	52.78%	23.55%	4.04%
120050	WILTON TEL CO - NH	13.3	16.3	14.9	14.2	22.58%	-8.81%	-4.62%
160135	WARWICK VALLEY-NJ	32.3	34.2	36.3	38.5	5.84%	6.01%	6.08%
492259	BACA VALLEY TEL CO	3.3	3.3	3.1	3.5	1.70%	-6.93%	11.26%
492177	CONTEL OF WEST - NM	167.9	161.4	177.6	167.9	-3.91%	10.04%	-5.43%
492066	DELL TEL CO-OP - NM	1.1	1.4	1.0	1.1	29.04%	-28.14%	13.31%
492262	ENMR TEL COOP INC-NM	66.6	65.1	67.5	67.9	-2.20%	3.63%	0.65%
492263	LA JICARITA RURAL	15.8	16.6	16.8	15.3	4.68%	1.30%	-9.22%
492264	LEACO RURAL TEL COOP	4.2	4.7	4.6	4.3	13.97%	-3.15%	-5.33%
492275	NAVAJO COMMUN - NM	13.5	13.7	10.3	11.7	1.09%	-25.08%	14.18%
492270	PENASCO VALLEY TEL	11.6	9.7	10.0	10.4	-16.79%	3.74%	4.04%
492272	ROOSEVELT CNTY RURAL	13.2	13.7	13.5	13.8	3.84%	-1.94%	2.13%
492274	UNIVERSAL TEL OF SW	17.7	19.2	20.6	20.9	8.55%	7.44%	1.01%
492176	VALLEY TEL COOP - NM	6.7	7.2	7.5	7.9	6.07%	4.62%	5.26%
492268	WESTERN NEW MEXICO	24.7	25.4	27.2	28.8	3.04%	7.06%	5.65%
150106	ALLTEL NY-FULTON	125.7	523.6	546.6	537.8	316.43%	4.39%	-1.60%
150109	ALLTEL NY-JAMESTOWN	111.2	455.9	518.2	514.6	310.13%	13.67%	-0.69%
150113	ALLTEL NY-RED JACKET	4.7	19.0	20.0	20.1	302.69%	4.96%	0.93%
150072	AU SABLE VALLEY TEL	25.3	27.1	28.1	28.6	7.41%	3.56%	1.85%
150077	CHAMPLAIN TEL CO	29.4	31.4	34.4	18.7	6.69%	9.79%	-45.58%
150078	CHAUTAQUA & ERIE	62.3	69.0	70.1	70.6	10.76%	1.65%	0.60%
150081	CITIZENS HAMMOND NY	4.3	4.4	4.5	4.6	1.39%	3.11%	2.92%
150085	CROWN POINT TEL CORP	4.1	5.7	5.9	6.0	38.88%	3.25%	1.89%
150091	DUNKIRK & FREDONIA	80.3	82.6	91.5	98.4	2.78%	10.82%	7.50%
150092	EDWARDS TEL CO	9.4	9.4	9.8	8.6	-0.42%	4.99%	-12.20%
150093	EMPIRE TEL CORP	26.8	26.9	32.6	35.4	0.59%	21.19%	8.58%
150097	GERMANTOWN TEL CO	11.0	11.5	10.9	10.9	4.84%	-5.19%	-0.69%
150099	HANCOCK TEL CO	7.8	8.0	8.2	8.2	1.72%	2.23%	1.10%
150100	HIGHLAND TEL CO	434.7	472.2	504.6	542.8	8.65%	6.85%	7.57%
150105	MIDDLEBURGH TEL CO	25.0	25.8	25.5	26.3	3.11%	-1.10%	3.11%
150108	NICHOLVILLE TEL CO	11.1	11.7	12.4	12.7	5.55%	6.05%	2.36%
150110	OGDEN TEL CO	218.4	230.2	241.7	252.6	5.40%	4.97%	4.52%
150116	PATTERSONVILLE TEL	0.0	9.8	13.6	14.7	N/A	38.56%	8.01%
150122	SENECA-GORHAM TEL	41.2	42.9	43.3	43.1	4.05%	0.90%	-0.43%
150128	SYLVAN LAKE TEL CO	156.3	182.6	183.5	194.9	16.83%	0.48%	6.19%
150084	TACONIC TEL CORP	106.4	130.0	127.6	119.2	22.25%	-1.85%	-6.61%
150133	VERNON TEL CO	16.7	16.7	19.6	20.2	0.39%	17.24%	3.10%
150135	WARWICK VALLEY-NY	69.3	71.1	75.8	79.9	2.60%	6.72%	5.38%
230476	ALLTEL CAROLINA-NO	1,066.0	1,140.4	1,233.1	1,314.7	6.98%	8.12%	6.62%
230468	ATLANTIC MEMBERSHIP	145.9	157.6	162.0	167.9	7.97%	2.80%	3.65%
230469	BARNARDSVILLE TEL CO	7.2	11.1	13.2	15.6	53.42%	19.80%	17.78%
230473	CITIZENS TEL CO	145.1	144.9	152.5	158.6	-0.17%	5.27%	4.00%
230474	CONCORD TEL CO	858.6	870.8	873.5	914.2	1.43%	0.30%	4.67%
230509	CONTEL OF NC	920.0	981.6	1,025.3	1,069.4	6.69%	4.45%	4.30%
230481	HEINS TEL CO	280.6	300.6	152.6	157.8	7.09%	-49.24%	3.41%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	141.0	148.6	147.3	158.9	5.37%	-0.91%	7.93%
230510	WILKES MEMBERSHIP	107.3	112.7	125.7	131.7	5.06%	11.54%	4.79%
381607	CONSOLIDATED COOP	38.3	37.9	39.6	40.1	-0.94%	4.44%	1.33%
381447	CONTEL ND DBA GTE ND	59.3	95.1	92.4	92.1	60.24%	-2.85%	-0.25%
381616	INTER-COMMUNITY TEL	9.1	9.4	9.5	8.1	3.55%	0.72%	-15.17%
381617	MIDSTATE TEL CO	7.9	8.7	8.9	8.9	10.82%	1.53%	0.65%
381630	POLAR COMM MUT AID	82.1	83.0	83.9	79.4	1.12%	1.12%	-5.35%
381632	RESERVATION TEL COOP	35.9	36.8	31.4	34.4	2.52%	-14.57%	9.59%
381634	SOURIS RIVER TELECOM	88.6	96.3	96.4	94.1	8.62%	0.07%	-2.29%
381637	W. RIVER TELECOM.	80.2	82.6	79.1	82.2	2.99%	-4.16%	3.84%
300665	ALLTEL OHIO-WEST OH	143.9	145.0	161.9	152.1	0.75%	11.64%	-6.05%
300682	C, C & S TELCO -OHIO	2.1	2.4	2.3	1.9	12.35%	-3.60%	-16.96%
300607	CONTINENTAL OF OHIO	15.9	19.4	19.1	18.1	22.41%	-1.60%	-5.49%
300613	LITTLE MIAMI COMM.	9.6	11.2	19.2	18.1	16.37%	72.22%	-9.92%
300597	THE CHILLICOTHE TEL	344.7	366.4	412.1	416.4	6.31%	12.48%	1.04%
431965	ALLTEL OKLAHOMA INC	77.1	76.2	74.5	75.3	-1.22%	-2.24%	1.12%
431966	ATLAS TEL CO	N/A	7.9	8.7	9.2	N/A	9.29%	5.65%
431974	CANADIAN VALLEY TEL	3.6	2.8	2.8	3.3	-21.63%	-1.77%	19.80%
431976	CARNEGIE TEL CO INC	11.1	11.2	10.9	10.8	1.05%	-2.68%	-1.01%
431979	CHEROKEE TEL CO	32.0	30.0	33.3	34.4	-6.24%	10.93%	3.17%
431980	CHICKASAW TEL CO	50.5	47.1	43.2	43.3	-6.59%	-8.32%	0.32%
431981	CHOUTEAU TEL CO	15.4	16.6	16.7	17.3	7.72%	0.77%	3.09%
431985	CROSS TEL CO	51.0	51.3	51.3	55.0	0.54%	0.06%	7.14%
431988	DOBSON TEL CO	34.5	34.4	33.4	41.9	-0.40%	-2.68%	25.37%
431994	GRAND TEL CO INC	16.5	13.8	13.9	15.3	-16.33%	0.33%	10.25%
431995	HINTON TEL CO	21.1	23.5	20.8	19.4	11.28%	-11.61%	-6.81%
431788	KANOKLA TEL ASSN-OK	7.3	6.3	6.3	5.8	-13.26%	-0.53%	-7.20%
432006	MCLLOUD TEL CO	117.4	69.9	98.9	76.8	-40.43%	41.47%	-22.40%
432011	OKLAHOMA ALLTEL, INC	94.6	101.0	104.2	113.4	6.73%	3.21%	8.84%
431984	OKLAHOMA COMM SYSTEM	113.3	110.1	111.1	127.5	-2.78%	0.87%	14.80%
432013	OKLAHOMA TEL & TEL	10.3	10.6	11.2	11.2	2.98%	5.52%	-0.58%
432014	OKLAHOMA WESTERN TEL	14.0	13.6	16.3	16.8	-2.78%	19.33%	3.61%
432016	PANHANDLE TEL COOP	23.8	21.9	23.2	25.0	-8.08%	6.14%	7.40%
432018	PIONEER TEL COOP INC	282.7	289.1	288.0	280.0	2.29%	-0.40%	-2.75%
432020	POTTAWATOMIE TEL CO	10.4	10.1	11.0	11.7	-2.63%	8.22%	6.46%
431831	S. CENTRAL TEL - OK	2.0	1.3	1.6	1.3	-37.19%	25.26%	-17.28%
432030	TOTAH TELEPHONE CO	6.6	6.8	7.2	6.2	3.39%	4.69%	-13.66%
432032	VALLIANT TEL CO	15.8	18.5	18.7	20.1	16.92%	0.91%	7.75%
432034	WYANDOTTE TEL CO	N/A	1.7	1.4	1.5	N/A	-17.00%	2.55%
532404	ASOTIN TEL - OR	0.2	0.3	0.3	0.3	84.81%	6.86%	9.75%
532359	BEAVER CREEK COOP	37.3	38.5	37.3	38.9	3.19%	-3.17%	4.28%
532304	C P NATIONAL CORP-OR	50.9	52.0	57.0	55.9	2.18%	9.62%	-1.85%
532362	CANBY TEL ASSN	56.0	61.0	58.8	63.0	8.90%	-3.56%	7.15%
532371	CASCADE UTIL INC	62.1	64.6	70.1	73.7	4.02%	8.48%	5.13%
532363	CLEAR CREEK MUTUAL	31.9	33.1	35.2	32.3	3.86%	6.23%	-8.34%
532364	COLTON TEL CO	7.3	7.0	7.3	7.7	-3.33%	3.11%	5.55%
532449	CONTEL OF THE NW- OR	166.0	168.6	181.7	204.9	1.59%	7.75%	12.78%
532376	HELIX TEL CO.	0.7	0.4	0.4	0.4	-33.78%	-0.74%	-2.47%
532377	HOME TELEPHONE CO	2.8	2.3	2.4	2.5	-19.02%	3.84%	5.70%
532456	MALHEUR HOME TEL CO	107.6	108.6	114.2	110.9	0.99%	5.14%	-2.93%
532226	MIDVALE TEL EXCH -OR	2.0	0.8	0.8	0.6	-60.78%	-2.58%	-26.51%
532383	MOLALLA TEL CO.	34.8	37.2	40.5	32.0	7.08%	8.71%	-20.92%
532385	MONROE TELEPHONE CO.	3.1	3.0	3.2	3.1	-5.33%	9.88%	-3.01%
532387	NEHALEM TEL & TEL	5.5	5.7	7.1	8.0	2.28%	25.14%	13.25%
532388	NORTH STATE TEL CO.	1.5	1.5	1.6	1.6	3.03%	6.47%	-0.66%
532389	OREGON TEL CORP	6.0	6.5	6.0	6.1	7.51%	-6.90%	0.31%
532392	PINE TEL SYSTEM INC.	4.0	3.3	3.4	3.2	-18.05%	4.03%	-4.94%
532393	PIONEER TEL COOP	57.0	59.3	62.2	68.6	4.12%	4.90%	10.32%
532375	RTI/HALSEY TEL CO	2.1	1.9	1.6	1.8	-7.59%	-13.63%	9.75%
532397	SCIO MUTUAL TEL ASSN	7.9	8.4	8.7	8.2	5.49%	4.01%	-5.76%
532361	TEL UTIL OF OREGON	239.4	215.2	247.7	244.3	-10.13%	15.10%	-1.37%
532378	TRANS-CASCADES TEL	0.6	0.4	0.4	0.5	-27.32%	6.53%	12.86%
170170	CONTEL OF PA	453.5	464.1	498.3	513.9	2.34%	7.37%	3.14%
170177	LACKAWAXEN TEL CO	N/A	6.4	7.0	7.4	N/A	9.05%	6.84%
170183	MAHANAY & MAHANTONGO	N/A	21.9	22.1	22.0	N/A	0.98%	-0.83%
170192	NORTH PENN TEL CO	23.4	24.4	26.2	27.3	4.53%	7.43%	4.06%
170194	OSWAYO RIVER TEL CO	11.2	11.5	11.7	11.9	2.59%	1.89%	1.78%
170201	QUAKER STATE TEL CO	224.7	226.7	266.6	274.3	0.86%	17.61%	2.89%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	4.9	5.2	5.4	4.4	6.38%	3.63%	-18.51%
633200	PUERTO RICO COMM	N/A	1,154.2	987.6	1,053.3	N/A	-14.43%	6.66%
240512	BLUFFTON TEL. CO.	9.1	9.6	11.5	16.7	6.30%	18.94%	45.19%
240526	CONTEL OF SC	188.1	181.7	218.5	258.9	-3.42%	20.27%	18.47%
240520	FARMERS TEL COOP	519.0	548.8	581.6	646.4	5.75%	5.98%	11.13%
240523	HARGRAY TEL CO	179.1	202.8	235.9	229.7	13.23%	16.37%	-2.66%
240528	HORRY TEL COOP	319.0	453.3	400.4	402.0	42.09%	-11.65%	0.38%
240533	MCCLELLANVILLE TEL	8.2	9.2	10.3	10.4	11.86%	11.64%	1.65%
240539	POND BRANCH TEL CO	70.9	77.6	76.2	80.9	9.46%	-1.78%	6.13%
240551	WILLISTON TEL CO	34.4	38.3	40.5	40.0	11.18%	5.78%	-1.13%
391647	CHEYENNE RIVER SIOUX	20.7	20.5	24.3	21.6	-0.66%	18.36%	-11.33%
391643	CONTEL SD DBA GTE SD	53.8	58.1	61.3	64.1	7.99%	5.43%	4.56%
391659	GOLDEN WEST TELECOMM	94.2	94.7	99.4	98.3	0.61%	4.91%	-1.15%
391666	JEFFERSON TEL CO -SD	1.9	2.2	1.5	1.8	17.74%	-29.38%	15.77%
391667	KADOKA TELEPHONE CO	2.7	2.5	2.8	2.9	-6.08%	10.93%	3.24%
391668	KENNEBEC TEL CO	1.3	1.3	1.2	1.2	-2.70%	-6.44%	1.35%
391689	WEST RIVER COOP	16.2	15.0	16.2	14.9	-7.34%	7.98%	-8.04%
290552	ADAMSVILLE TEL CO	N/A	82.4	72.7	77.5	N/A	-11.84%	6.62%
290571	MILLINGTON TEL CO	259.0	269.1	274.6	283.2	3.90%	2.05%	3.12%
290575	TENNESSEE TEL CO	519.0	544.1	589.0	605.3	4.84%	8.25%	2.78%
290579	TWIN LAKES TEL COOP	290.5	279.3	299.2	319.2	-3.85%	7.11%	6.71%
442121	ALLTEL TEXAS INC	20.4	20.1	19.2	20.8	-1.67%	-4.08%	8.33%
442039	BIG BEND TEL CO INC	11.6	12.9	11.7	13.8	11.56%	-9.07%	17.89%
442040	BRAZORIA TEL CO	50.1	53.6	55.6	60.5	6.87%	3.85%	8.72%
442041	BRAZOS TEL COOP INC	3.0	1.4	1.2	1.6	-52.75%	-15.06%	33.10%
440425	CAMERON TEL CO TEXAS	4.4	4.0	3.2	3.2	-8.35%	-19.50%	-0.51%
442046	CAP ROCK TEL CO INC	13.7	13.2	12.4	13.9	-4.28%	-5.39%	11.79%
442052	CENTRAL TEXAS CO-OP	22.2	22.3	21.5	21.8	0.50%	-3.56%	1.18%
442059	COLORADO VALLEY TEL	29.2	27.9	24.4	30.3	-4.16%	-12.64%	24.13%
442066	DELL TEL. CO-OP - TX	2.1	3.2	2.9	2.9	57.30%	-11.51%	0.68%
442068	EASTEX TEL COOP INC	151.8	178.2	149.5	160.0	17.44%	-16.11%	7.01%
442262	ENMR TEL COOP-TX	6.7	6.2	6.3	6.6	-7.44%	1.58%	5.55%
442070	ETEX TEL COOP INC	47.2	76.2	75.1	83.6	61.47%	-1.37%	11.30%
442071	FIVE AREA TEL CO-OP	12.1	12.1	11.3	17.4	0.64%	-6.67%	53.81%
442072	FORT BEND TEL CO	208.6	216.7	223.5	256.2	3.89%	3.13%	14.66%
442076	GANADO TELEPHONE CO	8.0	7.4	9.1	9.2	-7.44%	23.19%	0.77%
442083	GUADALUPE VALLEY TEL	74.0	70.4	71.5	78.1	-4.89%	1.52%	9.24%
442086	HILL COUNTRY CO-OP	50.7	57.6	44.3	54.5	13.51%	-23.13%	23.11%
442093	INDUSTRY TEL CO	6.4	6.4	5.8	7.3	-0.30%	-9.09%	24.74%
442097	KERRVILLE TEL CO	114.6	114.6	116.6	123.6	0.00%	1.67%	6.08%
442103	LA WARD TEL EXCHANGE	2.4	2.5	2.1	2.4	5.51%	-18.27%	18.40%
442101	LAKE DALLAS TEL CO	17.5	13.5	11.5	14.8	-22.83%	-15.18%	28.48%
442104	LAKE LIVINGSTON TEL	2.3	2.2	2.2	2.4	-3.91%	-0.75%	12.49%
442105	LIPAN TEL CO	N/A	N/A	5.9	4.3	N/A	N/A	-27.50%
442109	LUFKIN-CONROE TEL EX	655.1	690.4	697.0	769.3	5.38%	0.96%	10.38%
442112	MID-PLAINS RURAL TEL	14.2	13.2	10.7	13.1	-6.77%	-19.23%	23.27%
442116	MUENSTER TEL CORP-TX	11.6	13.8	14.0	14.7	18.58%	1.76%	4.44%
442117	MUSTANG TEL CO	6.2	5.9	5.5	6.9	-5.36%	-7.27%	26.74%
442130	PEOPLES TEL COOP -TX	44.9	44.9	45.3	45.5	-0.07%	0.87%	0.36%
442131	POKA-LAMBRO TEL COOP	22.9	22.3	15.0	19.6	-2.90%	-32.71%	30.91%
442134	RIVIERA TEL CO INC	3.6	3.7	3.7	4.1	1.97%	0.54%	10.35%
442147	SUGAR LAND TEL CO	362.3	459.9	506.5	533.9	26.96%	10.12%	5.41%
442150	TATUM TEL CO	N/A	N/A	4.3	4.3	N/A	N/A	1.65%
442151	TAYLOR TEL CO-OP INC	41.0	38.6	38.9	36.5	-5.78%	0.62%	-6.19%
442159	VALLEY TEL CO-OP -TX	27.3	31.6	26.3	30.8	15.82%	-16.93%	17.10%
442168	WES-TEX TEL CO-OP	28.2	23.9	26.6	23.3	-15.29%	11.18%	-12.54%
442166	WEST TEXAS RURAL TEL	14.2	15.0	11.5	15.1	5.82%	-23.33%	31.54%
442170	XIT RURAL TEL CO-OP	5.4	3.8	0.3	5.9	-28.35%	-91.01%	1596.51%
502284	BEEHIVE TEL CO - UT	N/A	8.6	8.4	8.6	N/A	-2.23%	2.00%
502277	CENTRAL UTAH TEL INC	7.2	7.1	7.7	8.4	-1.00%	8.24%	9.03%
502177	CONTEL THE WEST - UT	125.5	130.8	128.9	150.6	4.17%	-1.40%	16.77%
502278	EMERY COUNTY FARMERS	26.6	28.3	29.1	33.1	6.13%	2.90%	13.70%
502280	KAMAS-WOODLAND TEL	7.6	7.6	9.2	9.3	0.25%	21.78%	0.03%
502275	NAVAJO COMMUN - UT	0.7	0.8	0.8	0.8	17.46%	3.21%	-3.37%
502286	SOUTH CENTRAL UTAH	16.5	18.9	21.3	18.4	14.81%	12.80%	-13.53%
502287	UINTAH BASIN TEL	18.3	17.6	18.1	15.3	-4.02%	2.99%	-15.54%
502288	UT-WY TELECOM	9.1	3.6	3.6	3.6	-60.50%	-0.49%	0.05%
140070	CONTEL OF VERMONT	179.7	186.5	188.7	199.5	3.78%	1.19%	5.72%

TABLE 4.9
LOCAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
140058 LUDLOW TEL CO	11.2	11.8	12.7	13.3	5.76%	7.12%	4.59%
140061 NORTHFIELD TEL CO	14.3	14.5	14.7	18.2	1.21%	1.58%	23.46%
140062 PERKINSVILLE TEL CO	2.3	2.1	1.5	2.2	-8.76%	-30.76%	48.50%
140068 TOPSHAM TEL CO	5.9	7.7	8.4	7.3	30.36%	8.88%	-12.64%
643300 VIRGIN ISLANDS TEL	1,005.9	903.0	903.0	877.9	-10.23%	0.00%	-2.78%
140069 WAITSFIELD/FAYSTON	19.3	16.2	16.0	17.4	-15.63%	-1.60%	8.77%
190217 AMELIA TEL CORP	27.1	28.5	31.0	32.6	5.14%	8.70%	5.31%
190249 ROANOKE & BOTETOURT	N/A	77.1	77.4	85.4	N/A	0.32%	10.41%
522404 ASOTIN TEL - WA	8.2	8.6	8.7	9.1	5.42%	0.43%	4.96%
522449 CONTEL OF THE NW-WA	374.6	393.5	412.6	399.7	5.07%	4.83%	-3.11%
522410 COMICHE TELEPHONE CO	6.7	6.8	7.2	7.4	1.37%	6.03%	2.96%
522412 ELLENSBURG TEL CO	109.2	116.0	137.2	143.1	6.20%	18.31%	4.27%
522417 HAT ISLAND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
522419 HOOD CANAL TEL CO	1.4	1.5	1.6	1.7	4.23%	5.35%	7.38%
522423 INLAND TEL CO -WA	8.0	8.8	7.3	8.1	9.68%	-17.10%	10.72%
522426 KALAMA TEL CO	7.6	8.5	9.0	10.0	11.45%	6.18%	11.60%
522427 LEWIS RIVER TEL CO	10.8	11.1	12.8	6.5	2.31%	15.46%	-49.07%
522431 MASHELL TEL CO INC	7.2	7.7	8.2	9.0	6.56%	8.83%	9.34%
522436 PENINSULA TELECOMM	29.1	30.0	32.5	35.9	3.34%	8.31%	10.45%
522437 PIONEER TEL CO	4.0	4.0	4.0	4.5	-0.48%	0.49%	11.68%
522442 ST JOHN TEL CO	2.1	2.1	2.7	2.9	3.03%	28.07%	7.47%
522408 TEL UTIL OF WA INC	463.1	520.6	511.3	566.2	12.42%	-1.78%	10.74%
522446 TENINO TELEPHONE CO	10.7	11.2	12.0	13.6	5.35%	6.53%	13.29%
522447 TOLEDO TELEPHONE CO	9.3	8.1	8.8	9.6	-12.70%	8.42%	8.49%
522451 WESTERN WAHIAKUM	5.4	5.8	5.6	N/A	7.93%	-3.87%	N/A
522452 WHIDBEY TEL CO	42.1	31.2	36.0	N/A	-25.98%	15.38%	N/A
522453 YELM TELEPHONE CO	35.9	38.4	42.9	42.5	6.72%	11.74%	-0.90%
200278 CONTEL OF WV	275.8	303.2	346.1	343.7	9.95%	14.15%	-0.70%
200259 HARDY TEL CO	18.8	22.9	24.7	25.1	22.13%	7.86%	1.46%
200270 MOUNTAIN STATE TEL	230.2	235.2	234.7	225.8	2.18%	-0.22%	-3.80%
330841 CENCOM OF WISCONSIN	142.4	146.8	153.0	152.8	3.06%	4.24%	-0.11%
330859 CENTRAL STATE TEL CO	48.2	51.3	51.8	48.3	6.29%	0.98%	-6.67%
330895 CENTURY OF WISCONSIN	425.4	486.0	477.6	501.5	14.22%	-1.72%	5.00%
330860 CHEQUAMEGON TEL COOP	21.9	23.4	26.6	27.8	6.87%	13.54%	4.58%
330870 CRANDON TEL CO	14.3	15.1	16.8	17.4	5.54%	11.33%	3.80%
330891 HEADWATERS TEL CO	13.0	13.5	15.8	16.3	3.70%	16.84%	3.63%
330936 INDIANHEAD TEL CO	7.5	7.7	7.6	7.1	2.03%	-1.43%	-6.06%
330908 MARQUETTE-ADAMS COOP	12.0	10.2	10.5	11.4	-14.67%	3.18%	7.98%
330909 MIDWAY TEL CO	52.2	56.6	54.0	56.5	8.56%	-4.72%	4.76%
330913 MONROE COUNTY TEL CO	67.8	71.9	72.2	76.9	6.14%	0.40%	6.51%
330916 MOUNT HOREB TEL CO	27.0	28.1	29.2	30.2	4.06%	3.90%	3.54%
330917 MT VERNON TEL CO	51.7	53.2	65.6	62.7	2.82%	23.47%	-4.44%
330922 NORTH-WEST TEL CO	450.4	475.4	485.1	495.3	5.55%	2.03%	2.11%
330931 PEOPLES TEL CO	38.3	39.1	33.3	35.7	2.14%	-14.85%	7.17%
330934 PLATTEVILLE TEL CO	46.8	51.3	52.5	54.5	9.56%	2.26%	3.83%
330937 PRICE COUNTY TEL CO	25.2	3.6	3.7	23.3	-85.54%	0.77%	535.49%
330940 RHINELANDER TEL CO	84.9	89.1	95.2	98.5	4.98%	6.85%	3.48%
330952 SE TEL OF WISCONSIN	45.4	48.1	54.5	61.5	6.02%	13.18%	12.85%
330950 SOLON SPRINGS TEL CO	77.2	81.9	69.3	66.1	6.10%	-15.33%	-4.72%
330956 UNIVERSAL OF N WISC	59.9	60.9	61.1	60.5	1.72%	0.25%	-1.00%
330964 URBAN TEL CORP	148.9	135.7	142.6	152.0	-8.85%	5.11%	6.58%
330963 UTELCO, INC	88.2	95.3	99.4	103.9	8.09%	4.27%	4.56%
330974 WOOD COUNTY TEL CO	193.7	191.3	202.9	212.0	-1.22%	6.05%	4.49%
512291 DUBOIS TEL EXCHANGE	6.8	6.6	7.4	8.3	-3.57%	12.67%	12.12%
512251 RANGE TEL COOP - WY	10.3	11.8	12.1	10.5	13.83%	2.80%	-13.14%
512295 SILVER STAR TEL-WY	4.6	5.3	5.6	6.1	14.55%	6.04%	7.79%
512299 TEL. UTIL. OF WY.	14.8	14.8	14.1	16.8	-0.02%	-4.85%	19.64%
512297 UNION TELEPHONE CO	23.2	24.8	25.4	27.6	7.09%	2.13%	8.86%
512290 UTAH-WYOMING TELECOM	1.5	1.4	1.7	1.7	-6.18%	15.34%	3.00%
NON-TIER 1 COST COMPANIES	41,817.2	47,241.6	49,803.7	52,289.7	12.97%	5.42%	4.99%
TOTAL COST COMPANIES	1,692,615.4	1,769,947.9	1,801,841.5	1,828,710.3	4.57%	1.80%	1.49%
AVERAGE SCHEDULE ESTIMATE	19,596.0	25,168.0	26,663.0	24,407.0	28.43%	5.94%	-8.46%
TOTAL INDUSTRY	1,712,211.4	1,795,115.9	1,828,504.5	1,853,117.3	4.84%	1.86%	1.35%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	218,395	237,824	244,000	247,910	8.90%	2.60%	1.60%
255181	SO CENTRAL BELL-AL	1,936,041	2,006,773	2,062,557	2,258,566	3.65%	2.78%	9.50%
452302	CONTEL CALIF - AZ	8,940	9,267	11,317	12,132	3.65%	22.13%	7.20%
455101	MOUNTAIN BELL - AZ	1,965,380	1,599,902	1,579,161	1,601,631	-18.60%	-1.30%	1.42%
401730	CONTEL OF ARKANSAS	33,515	198,239	208,017	219,066	491.49%	4.93%	5.31%
402080	GTE SOUTHWEST INC-AR	151,775	168,249	158,000	153,304	10.85%	-6.09%	-2.97%
405211	SOUTHWESTERN BELL-AR	1,340,548	1,630,000	1,704,709	1,828,705	21.59%	4.58%	7.27%
542302	CONTEL OF CALIFORNIA	823,819	1,039,027	1,251,398	1,418,103	26.12%	20.44%	13.32%
542319	GTC OF CALIFORNIA	11,209,651	12,855,801	12,749,000	12,710,731	14.69%	-0.83%	-0.30%
545170	PACIFIC BELL	42,655,764	46,005,196	48,595,298	52,296,293	7.85%	5.63%	7.62%
542344	WEST COAST TEL OF CA	21,410	27,187	27,000	28,815	26.98%	-0.69%	6.72%
465102	MOUNTAIN BELL-CO	2,601,892	2,010,726	2,087,717	2,076,552	-22.72%	3.83%	-0.53%
135200	SOUTHERN NEW ENGLAND	4,069,445	4,431,848	4,599,482	4,606,000	8.91%	3.78%	0.14%
575020	C & P TEL CO OF WASH	0	0	0	0	0.00%	0.00%	0.00%
565010	DIAMOND STATE TEL	225,821	260,627	298,021	326,791	15.41%	14.35%	9.65%
210340	CENTEL OF FLORIDA	489,825	535,046	580,409	622,612	9.23%	8.48%	7.27%
210328	GTE FLORIDA INC.	3,145,000	2,836,995	2,865,000	2,825,161	-9.79%	0.99%	-1.39%
215191	SOUTHERN BELL-FL	7,776,320	8,308,346	9,196,186	9,620,424	6.84%	10.69%	4.61%
210341	UTC OF FLORIDA	1,487,379	1,469,857	1,621,479	1,757,125	-1.18%	10.32%	8.37%
220479	GTE SOUTH INC.- GA	482,237	532,106	540,000	558,371	10.34%	1.48%	3.40%
225192	SOUTHERN BELL-GA	3,437,608	3,735,342	4,035,185	4,496,604	8.66%	8.03%	11.43%
623100	GTE HAWAIIAN TEL. CO	336,851	368,099	370,000	374,767	9.28%	0.52%	1.29%
472416	GTE NORTHWEST INC-ID	114,062	116,412	123,000	120,630	2.06%	5.66%	-1.93%
475103	MOUNTAIN BELL-ID	566,591	525,897	538,589	562,355	-7.18%	2.41%	4.41%
475162	PACIFIC NW BELL-ID	38,534	41,193	42,740	46,011	6.90%	3.76%	7.65%
340985	CENTEL OF ILLINOIS	284,171	332,189	322,867	350,738	16.90%	-2.81%	8.63%
341015	GTE NORTH INC. - IL	1,686,375	1,938,746	1,972,000	1,987,286	14.97%	1.72%	0.78%
345070	ILLINOIS BELL TEL CO	3,734,893	3,920,619	4,247,000	4,396,479	4.97%	8.32%	3.52%
320772	GTE NORTH INC. - IN	978,171	1,223,797	1,285,000	1,260,562	25.11%	5.00%	-1.90%
325080	INDIANA BELL TEL CO	2,176,351	2,334,536	2,486,952	2,320,703	7.27%	6.53%	-6.68%
320832	UTC OF INDIANA	399,142	456,130	507,085	545,175	14.28%	11.17%	7.51%
351207	CONTEL IA DBA GTE IA	340,224	343,821	216,995	236,704	1.06%	-36.89%	9.08%
351186	GTE NORTH INC. - IA	292,910	320,625	329,000	337,544	9.46%	2.61%	2.60%
355141	NORTHWESTERN BELL-IA	1,598,836	1,615,811	1,620,890	1,720,136	1.06%	0.31%	6.12%
415214	SOUTHWESTERN BELL-KS	1,632,602	1,691,000	1,857,200	1,973,656	3.58%	9.83%	6.27%
411842	UTC OF KANSAS	153,469	164,309	187,472	186,018	7.06%	14.10%	-0.78%
265061	CINCINNATI BELL-KY	82,980	95,914	106,668	126,728	15.59%	11.21%	18.81%
260407	GTE SOUTH INC. - KY	551,147	581,072	573,000	576,372	5.43%	-1.39%	0.59%
265182	SO CENTRAL BELL-KY	1,245,239	1,289,644	1,271,721	1,556,912	3.57%	-1.39%	22.43%
275183	SO CENTRAL BELL-LA	2,751,916	2,932,809	3,010,545	3,350,525	6.57%	2.65%	11.29%
105111	NEW ENGLAND TEL-ME	1,061,955	1,172,730	1,197,132	1,016,161	10.43%	2.08%	-15.12%
185030	C & P TEL CO OF MD	2,367,555	2,465,447	2,626,511	2,991,636	4.13%	6.53%	13.90%
115112	NEW ENGLAND TEL-MA	7,992,170	7,526,235	11,863,400	11,798,486	-5.83%	57.63%	-0.55%
310695	GTE NORTH INC. - MI	1,425,768	1,685,092	1,685,000	1,729,679	18.19%	-0.01%	2.65%
315090	MICHIGAN BELL TEL CO	9,755,775	9,998,066	10,897,304	11,734,306	2.48%	8.99%	7.68%
361367	CENTEL OF MN	140,215	134,336	144,425	141,097	-4.19%	7.51%	-2.30%
361186	GTE NORTH INC. - MN	8,798	9,505	10,000	10,772	8.04%	5.21%	7.72%
365142	NORTHWESTERN BELL-MN	1,993,295	2,049,642	2,033,625	2,191,664	2.83%	-0.78%	7.77%
361456	UTC OF MINNESOTA	183,728	202,320	210,881	214,154	10.12%	4.23%	1.55%
285184	SO CENTRAL BELL-MS	1,760,710	1,790,717	1,699,073	1,938,043	1.70%	-5.12%	14.06%
421186	GTE NORTH INC. - MO	261,193	289,441	292,000	294,803	10.81%	0.88%	0.96%
425213	SOUTHWESTERN BELL-MO	2,239,300	2,367,000	2,564,690	2,664,705	5.70%	8.35%	3.90%
421957	UTC OF MISSOURI	432,745	570,834	498,326	437,320	31.91%	-12.70%	-12.24%
482416	GTE NORTHWEST INC-MT	9,671	9,762	10,000	11,322	0.94%	2.44%	13.22%
485104	MOUNTAIN BELL-MT	643,321	666,435	660,908	717,553	3.59%	-0.83%	8.57%
371186	GTE NOTRH INC. - NE	112,947	115,778	117,000	119,559	2.51%	1.06%	2.19%
371568	LINCOLN TEL & TEL CO	420,001	441,263	440,038	456,954	5.06%	-0.28%	3.84%
375143	NORTHWESTERN BELL-NE	554,575	549,802	578,405	594,021	-0.86%	5.20%	2.70%
371595	UTC OF THE WEST-NE	25,482	27,955	28,469	30,688	9.70%	1.84%	7.79%
552348	CENTEL OF NV	76,155	125,232	143,074	165,258	64.44%	14.25%	15.51%
552302	CONTEL OF CALIF-NV	31,712	37,231	36,435	41,717	17.40%	-2.14%	14.50%
555173	NEVADA BELL	164,440	263,747	235,575	234,882	60.39%	-10.68%	-0.29%
125113	NEW ENGLAND TEL-NH	1,077,700	1,093,544	1,244,963	1,037,835	1.47%	13.85%	-16.64%
165120	NEW JERSEY BELL	18,813,429	20,072,705	21,243,957	21,591,101	6.69%	5.84%	1.63%
160138	UNITED TEL - NJ, INC	734,198	788,225	751,543	854,378	7.36%	-4.65%	13.68%
492080	GTE SOUTHWEST INC-NM	51,964	53,425	54,000	52,821	2.81%	1.08%	-2.18%
495105	MOUNTAIN BELL-NM	723,934	685,728	683,716	714,165	-5.28%	-0.29%	4.45%
150096	CONTEL OF NY, INC	774,000	719,980	792,621	775,593	-6.98%	10.09%	-2.15%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	8,697,681	8,434,233	8,589,669	9,042,484	-3.03%	1.84%	5.27%
150119	RED HOOK TEL CO	44,703	48,990	51,365	51,987	9.59%	4.85%	1.21%
150121	ROCHESTER TEL CORP	682,623	713,346	767,553	765,294	4.50%	7.60%	-0.29%
150136	WESTERN COUNTIES TEL	65,677	68,590	72,425	73,335	4.44%	5.59%	1.26%
230470	CAROLINA TEL & TEL	1,504,349	1,682,982	1,953,288	1,863,942	11.87%	16.06%	-4.57%
230471	CENTEL OF NC	413,781	475,904	537,295	586,892	15.01%	12.90%	9.23%
230479	GTE SOUTH INC - NC	295,437	341,334	256,000	240,444	15.54%	-25.00%	-6.08%
235193	SOUTHERN BELL-NC	3,110,609	3,374,615	3,799,677	3,915,656	8.49%	12.60%	3.05%
385144	NORTHWESTERN BELL-ND	394,960	408,728	397,060	421,657	3.49%	-2.85%	6.19%
300630	CENTEL OF OHIO	192,054	200,121	184,408	196,599	4.20%	-7.85%	6.61%
305062	CINCINNATI BELL-OH	583,430	524,896	656,512	735,229	-10.03%	25.07%	11.99%
300615	GTE NORTH INC. - OH	1,507,340	1,724,492	1,799,000	1,839,026	14.41%	4.32%	2.22%
305150	OHIO BELL TEL CO	4,912,200	4,940,987	5,277,101	5,704,589	0.59%	6.80%	8.10%
300661	UTC OF OHIO	1,081,316	1,546,362	1,163,685	1,228,111	43.01%	-24.75%	5.54%
432080	GTE SOUTHWEST INC-OK	266,210	273,991	268,000	271,235	2.92%	-2.19%	1.21%
435215	SOUTHWESTERN BELL-OK	2,289,076	2,322,000	2,472,354	2,534,503	1.44%	6.48%	2.51%
532416	GTE NORTHWEST INC-OR	480,303	510,407	516,000	520,284	6.27%	1.10%	0.83%
535163	PACIFIC NW BELL-OR	1,768,698	1,816,963	1,898,698	2,067,708	2.73%	4.50%	8.90%
532400	UTC OF THE NW - OR	123,686	138,288	152,356	160,529	11.81%	10.17%	5.36%
175000	BELL OF PENNSYLVANIA	8,217,258	8,817,006	9,755,843	10,466,737	7.30%	10.65%	7.29%
170169	GTE NORTH INC. - PA	771,232	936,900	967,000	966,139	21.48%	3.21%	-0.09%
170209	UTC OF PENNSYLVANIA	764,709	838,378	855,110	954,729	9.63%	2.00%	11.65%
633201	PUERTO RICO TEL CO	1,305,727	1,776,331	1,655,108	1,805,363	36.04%	-6.82%	9.08%
585114	NEW ENGLAND TEL - RI	484,153	534,982	719,408	743,979	10.50%	34.47%	3.42%
240479	GTE SOUTH INC. - SC	248,115	279,934	270,000	238,995	12.82%	-3.55%	-11.48%
245194	SOUTHERN BELL-SC	1,465,134	1,642,023	1,798,436	1,933,867	12.07%	9.53%	7.53%
240506	UTC OF THE CAROLINAS	215,807	137,961	120,343	124,902	-36.07%	-12.77%	3.79%
395145	NORTHWESTERN BELL-SD	433,452	453,191	456,071	468,069	4.55%	0.64%	2.63%
290479	GTE SOUTH INC. - TN	96,308	107,562	109,000	111,174	11.69%	1.34%	1.99%
295185	SO. CENTRAL BELL -TN	2,739,602	3,062,656	3,344,131	3,208,759	11.79%	9.19%	-4.05%
290567	UNITED INTER-MT-TN	337,508	368,136	343,335	341,572	9.07%	-6.74%	-0.51%
442114	CENTEL OF TEXAS	308,779	305,669	324,651	324,316	-1.01%	6.21%	-0.10%
442154	CONTEL OF TEXAS	564,000	590,000	594,138	640,099	4.61%	0.70%	7.74%
442080	GTE SOUTHWEST INC-TX	2,986,785	2,898,438	2,786,000	2,799,645	-2.96%	-3.88%	0.49%
445216	SOUTHWESTERN BELL-TX	13,247,392	12,731,000	14,318,187	14,724,488	-3.90%	12.47%	2.84%
442084	UTC OF TEXAS INC	351,163	379,224	406,832	345,831	7.99%	7.28%	-14.99%
505107	MOUNTAIN BELL-UT	985,369	896,641	949,924	994,073	-9.00%	5.94%	4.65%
145115	NEW ENGLAND TEL-VT	433,534	475,858	489,277	358,127	9.76%	2.82%	-26.80%
195040	C & P TEL CO OF VA	2,883,602	3,091,226	3,441,065	3,631,913	7.20%	11.32%	5.55%
190254	CENTEL OF VIRGINIA	419,886	513,391	562,554	627,156	22.27%	9.58%	11.48%
190233	CONTEL OF VIRGINIA	1,002,930	769,226	721,950	805,349	-23.30%	-6.15%	11.55%
190479	GTE SOUTH INC. - VA	54,835	59,764	60,000	60,497	8.99%	0.39%	0.83%
190567	UNITED INTER-MT-VA	133,000	138,648	157,747	158,333	4.25%	13.78%	0.37%
522416	GTE NORTHWEST INC-WA	1,046,039	1,226,662	1,247,000	1,263,161	17.27%	1.66%	1.30%
525161	PACIFIC NW BELL-WA	3,153,277	3,248,722	3,375,084	3,619,947	3.03%	3.89%	7.26%
522400	UTC OF THE NW-WA	153,238	157,084	179,187	198,371	2.51%	14.07%	10.71%
205050	C & P TEL CO OF WV	970,752	933,640	896,688	908,478	-3.82%	-3.96%	1.31%
200479	GTE SOUTH INC. - WV	110,495	115,101	114,000	114,875	4.17%	-0.96%	0.77%
330886	GTE NORTH INC. - WI	765,643	969,498	1,018,000	1,014,203	26.63%	5.00%	-0.37%
335220	WISCONSIN BELL	2,301,000	2,583,932	2,830,395	3,171,279	12.30%	9.54%	12.04%
515108	MOUNTAIN BELL-WY	347,691	322,988	325,379	340,690	-7.10%	0.74%	4.71%
511595	UTC OF THE WEST-WY	7,395	7,932	8,491	8,808	7.26%	7.05%	3.73%
TIER 1 COST COMPANIES		234,601,911	247,020,090	264,238,510	275,948,297	5.29%	6.97%	4.43%
250302	ALLTEL ALABAMA	N/A	N/A	46,200	49,511	N/A	N/A	7.17%
250284	BUTLER TEL CO	6,779	6,921	7,386	8,703	2.10%	6.71%	17.83%
250281	CONTEL OF THE SOUTH	193,566	184,904	194,708	206,305	-4.48%	5.30%	5.96%
250297	GROVE HILL TEL CORP	5,642	6,656	7,520	7,832	17.98%	12.98%	4.15%
250298	GULF TEL CO - AL	33,659	32,006	33,570	42,427	-4.91%	4.88%	26.38%
250300	HOPPER TEL. CO INC	7,271	8,073	9,678	10,278	11.03%	19.88%	6.20%
250304	MILLRY TEL CO	70,740	10,685	12,027	13,012	-84.90%	12.56%	8.19%
250306	MONROEVILLE TEL CO	19,644	24,678	25,536	28,776	25.63%	3.48%	12.69%
250314	PEOPLES TEL CO	17,133	17,404	20,395	21,720	1.58%	17.19%	6.50%
250316	RAGLAND TEL CO	2,796	3,197	3,496	3,795	14.34%	9.35%	8.57%
250318	SOUTHLAND TEL CO-AL	18,980	24,897	23,758	32,512	31.17%	-4.58%	36.85%
613000	ANCHORAGE TEL UTIL	134,842	160,491	165,759	179,108	19.02%	3.28%	8.05%
613001	ARCTIC SLOPE TEL	9,302	11,048	13,079	15,901	18.77%	18.38%	21.58%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE DIAL EQUIPMENT MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	2,647	3,200	3,765	4,244	20.87%	17.65%	12.73%
613004	BUSH-TELL INC.	2,095	2,330	2,830	3,038	11.20%	21.45%	7.37%
613006	COPPER VALLEY TEL	7,240	8,287	18,241	11,242	14.46%	120.13%	-38.37%
613007	CORDOVA TEL COOP	2,459	2,876	4,486	4,105	17.00%	55.94%	-8.48%
613008	FAIRBANKS MUNICIPAL	N/A	36,681	40,627	44,669	N/A	10.76%	9.95%
613010	GLACIER STATE TEL CO	46,945	54,594	63,012	65,968	16.29%	15.42%	4.69%
613009	GTE ALASKA INC.	33,023	37,478	38,279	38,438	13.49%	2.14%	0.41%
613011	INTERIOR TEL CO INC	6,834	8,101	9,281	11,000	18.54%	14.57%	18.52%
613012	JUNEAU & DOUGLAS TEL	23,282	25,648	27,818	30,305	10.16%	8.46%	8.94%
613013	KATCHIKAN PUBLIC UT	N/A	9,320	10,834	11,094	N/A	16.25%	2.40%
613015	MATANUSKA TEL ASSOC	62,645	62,355	64,712	70,894	-0.46%	3.78%	9.55%
613016	MUKLUK TEL CO INC	2,463	2,798	3,000	3,122	13.60%	7.23%	4.07%
613018	NUSHAGAK TEL COOP	3,913	4,500	4,947	5,469	15.02%	9.94%	10.55%
613019	OTZ TEL COOPERATIVE	6,526	8,403	10,433	10,617	28.77%	24.16%	1.77%
613020	SITKA TELEPHONE CO	20,182	21,438	26,753	28,331	6.23%	24.79%	5.90%
613022	TEL UTIL OF ALASKA	1,537	1,967	2,191	2,203	27.96%	11.37%	0.56%
613023	UNITED UTILITIES INC	N/A	15,495	17,329	18,954	N/A	11.84%	9.38%
613025	YUKON TEL CO INC	1,427	1,598	1,892	2,004	11.94%	18.44%	5.89%
452171	ARIZONA TELEPHONE CO	5,241	5,350	5,937	6,236	2.08%	10.98%	5.04%
452172	CITIZENS UTILITIES	62,053	43,904	42,400	49,921	-29.25%	-3.43%	17.74%
452177	CONTEL OF WEST-AZ	105,100	53,914	62,328	70,762	-48.70%	15.61%	13.53%
452275	NAVAJO COMMUN-AZ	23,838	26,388	32,694	33,243	10.70%	23.90%	1.68%
452173	PAPAGO TRIBAL UTIL.	N/A	1,446	3,831	4,178	N/A	164.85%	9.06%
452175	UNIVERSAL TEL OF SW	2,435	2,678	2,802	2,863	9.99%	4.62%	2.19%
452176	VALLEY TEL COOP-AZ	6,029	5,856	7,461	7,215	-2.88%	27.41%	-3.29%
401691	ALL TEL ARKANSAS INC	154,419	172,140	186,657	182,884	11.48%	8.43%	-2.02%
401692	ARKANSAS TEL CO	7,892	8,787	9,232	9,357	11.35%	5.07%	1.35%
401697	CENTRAL ARKANSAS TEL	5,089	5,523	6,206	12,098	8.53%	12.38%	94.94%
401705	CENTURY OF ARKANSAS	18,129	20,927	24,225	25,869	15.43%	15.76%	6.78%
401698	CLEVELAND COUNTY TEL	6,652	7,440	8,274	9,909	11.84%	11.21%	19.77%
401699	DECATUR TEL CO INC	2,214	2,413	2,925	3,201	8.98%	21.22%	9.42%
401709	MADISON COUNTY TEL	5,454	5,757	6,157	6,438	5.56%	6.94%	4.57%
401711	MOUNTAIN HOME TEL	12,293	18,931	22,646	21,872	54.00%	19.62%	-3.42%
401713	NORTH ARKANSAS TEL	10,086	10,826	10,069	11,457	7.33%	-6.99%	13.78%
401717	PERCO TELEPHONE CO	N/A	N/A	7,089	7,350	N/A	N/A	3.69%
401720	REDFIELD TEL CO	3,783	4,941	5,527	5,971	30.62%	11.85%	8.04%
401702	SOUTH ARKANSAS TEL	6,913	8,076	8,714	8,789	16.82%	7.90%	0.86%
401726	TRI-COUNTY TEL CO-AR	6,902	9,124	9,822	10,535	32.20%	7.65%	7.25%
401727	UNION TEL CO INC	886	2,204	2,400	2,680	148.70%	8.88%	11.68%
401729	WALNUT HILL TEL CO	10,543	10,932	10,207	9,965	3.69%	-6.63%	-2.37%
401733	YELCOT TEL CO INC	5,292	5,735	5,787	5,807	8.38%	0.89%	0.35%
401734	YELLOW COUNTY TEL CO	10,272	10,582	10,590	11,060	3.01%	0.08%	4.44%
542304	C P NATIONAL CORP-CA	41,415	44,971	41,196	51,727	8.59%	-8.39%	25.56%
542301	CALAVERAS TEL CO	5,382	7,323	9,881	11,092	36.07%	34.93%	12.26%
542311	CALIF-OREGON TEL CO	4,839	6,161	5,331	5,264	27.32%	-13.48%	-1.24%
542308	CITIZENS UTIL OF CA	156,572	186,009	224,291	265,701	18.80%	20.58%	18.46%
542313	DUCOR TELEPHONE CO	2,755	2,941	3,119	3,257	6.76%	6.06%	4.42%
542315	EVANS TEL CO.	29,395	40,596	44,198	48,945	38.10%	8.87%	10.74%
542318	FORESTHILL TEL CO.	N/A	9,076	10,396	11,151	N/A	14.54%	7.26%
542321	HAPPY VALLEY TEL CO	N/A	8,500	9,652	9,673	N/A	13.55%	0.22%
542322	HORNITOS TEL CO	N/A	2,560	2,453	2,661	N/A	-4.20%	8.49%
542324	KERMAN TELEPHONE CO	14,443	14,293	16,859	18,499	-1.03%	17.95%	9.72%
542346	PINNACLES TEL CO	1,723	1,685	2,131	2,679	-2.23%	26.45%	25.72%
542334	ROSEVILLE TEL CO	143,049	177,582	208,710	274,749	24.14%	17.53%	31.64%
542338	SIERRA TELEPHONE CO	N/A	43,244	51,936	52,500	N/A	20.10%	1.09%
542332	THE PONDEROSA TEL CO	19,986	23,680	25,296	27,743	18.49%	6.82%	9.67%
542339	THE SISKIYOU TEL CO	25,536	14,860	16,412	18,436	-41.81%	10.44%	12.33%
542343	THE VOLCANO TEL CO	32,450	30,618	31,744	35,224	-5.65%	3.68%	10.97%
542342	TUOLUMNE TEL CO	18,828	21,714	20,557	27,815	15.33%	-5.33%	35.31%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	1,491	1,632	N/A	N/A	9.45%
462192	BIG SANDY TELCOMM	2,504	2,522	2,415	2,485	0.73%	-4.25%	2.90%
462181	BIJOU TEL COOP ASSOC	2,944	3,799	3,798	4,149	29.04%	-0.04%	9.26%
462182	BLANCA TEL CO	1,247	749	758	1,646	-39.95%	1.15%	117.27%
462204	COLUMBINE TEL CO	2,227	1,516	1,546	1,566	-31.94%	2.01%	1.29%
462184	DELTA COUNTY TEL CO	9,674	10,474	10,262	10,601	8.27%	-2.02%	3.30%
462185	EAGLE TELECOMMUN INC	13,788	18,536	18,103	16,790	34.43%	-2.34%	-7.25%
462186	EASTERN SLOPE RURAL	13,293	14,284	13,724	13,052	7.46%	-3.92%	-4.90%
462187	EL PASO COUNTY TEL	7,123	9,140	9,050	7,669	28.32%	-0.98%	-15.26%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE DIAL EQUIPMENT MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	838	846	1,005	1,079	0.95%	18.77%	7.41%
462190	HAXTUN TEL CO	4,369	4,499	4,619	4,250	2.96%	2.67%	-8.00%
462193	NUCLA-NATURITA TEL	2,735	2,347	2,377	2,097	-14.16%	1.24%	-11.76%
462194	NUNN TEL CO	803	853	840	920	6.24%	-1.60%	9.59%
462196	PEETZ COOP TEL CO	501	587	633	598	17.03%	7.97%	-5.52%
462199	PLAINS COOP TEL ASSN	4,831	4,976	5,221	5,600	3.02%	4.92%	7.25%
462203	RYE TELEPHONE CO	3,344	3,684	4,120	4,591	10.16%	11.85%	11.43%
462207	STRASBURG TEL CO	3,481	3,332	3,503	3,728	-4.28%	5.13%	6.42%
461835	SUNFLOWER TEL - CO	1,036	1,150	948	958	10.96%	-17.56%	1.07%
462208	UNIVERSAL TEL CO -CO	5,984	5,924	6,608	7,469	-0.99%	11.53%	13.03%
462209	WIGGINS TEL ASSOC	4,465	4,475	4,655	5,181	0.22%	4.02%	11.32%
210336	ALLTEL FLORIDA INC.	123,270	123,842	144,428	145,773	0.46%	16.62%	0.93%
210291	FLORALA TEL CO	5,154	2,757	3,017	3,005	-46.52%	9.46%	-0.43%
210329	GULF TEL CO	26,485	21,142	22,156	18,218	-20.17%	4.80%	-17.78%
210331	INDIANTOWN SYSTEM	10,031	12,633	11,550	13,572	25.94%	-8.57%	17.51%
210335	NORTHEAST FLORIDA	12,725	15,433	19,232	15,204	21.28%	24.61%	-20.94%
210338	QUINCY TEL CO-FL DIV	24,734	24,796	28,480	30,213	0.25%	14.86%	6.08%
210318	SOUTHLAND TEL-FL	3,138	3,554	4,736	7,037	13.25%	33.26%	48.58%
210339	ST JOSEPH TEL & TEL	81,202	46,811	51,916	55,322	-42.35%	10.91%	6.56%
210330	VISTA-UNITED TELCOM	26,962	27,187	28,887	33,574	0.83%	6.25%	16.23%
220357	ALLTEL GEORGIA INC.	N/A	N/A	123,470	111,776	N/A	N/A	-9.47%
220344	ALMA TEL CO	11,782	13,507	12,852	12,852	14.64%	-4.85%	0.00%
220347	BRANTLEY TEL CO	7,607	8,233	9,249	10,595	8.23%	12.34%	14.56%
220351	CAMDEN TEL & TEL CO	12,796	17,494	17,887	20,771	36.72%	2.25%	16.12%
220355	CITIZENS TEL CO - GA	9,320	10,016	11,040	12,955	7.46%	10.23%	17.35%
220356	COASTAL UTILITIES	46,122	52,301	58,075	64,595	13.40%	11.04%	11.23%
220281	CONTEL OF SOUTH - GA	134,572	157,677	175,523	186,287	17.17%	11.32%	6.13%
220358	DARIEN TEL CO	8,326	9,609	10,294	11,741	15.41%	7.13%	14.06%
220360	ELLIJAY TEL CO	12,549	16,813	17,465	20,683	33.98%	3.88%	18.43%
220371	INTERSTATE TEL CO	14,011	18,930	20,512	20,778	35.11%	8.36%	1.29%
220377	PINELAND TEL COOP	19,336	22,481	23,515	26,276	16.27%	4.60%	11.74%
220379	PLANT TEL. CO.	18,402	20,457	21,808	21,777	11.17%	6.61%	-0.14%
220381	PUBLIC SERVICE TEL	19,964	22,776	24,866	26,737	14.09%	9.18%	7.52%
220338	QUINCY TEL CO-GA DIV	949	784	980	1,352	-17.40%	25.03%	37.95%
220386	STANDARD TEL CO	100,881	114,230	126,332	123,699	13.23%	10.59%	-2.08%
220392	WAVERLY HALL TEL CO	2,709	3,328	3,583	4,046	22.87%	7.66%	12.91%
220394	WILKES TEL & ELC CO	18,837	19,440	22,700	23,042	3.20%	16.77%	1.51%
472213	ALBION TEL CO INC	2,451	2,496	2,540	2,640	1.84%	1.75%	3.96%
472215	CAMBRIDGE TEL CO	2,043	2,161	2,548	2,568	5.82%	17.89%	0.79%
472225	CENTURY TEL OF IDAHO	3,820	4,204	4,121	4,813	10.05%	-1.97%	16.78%
472177	CONTEL OF WEST-ID	68,523	33,338	37,787	39,201	-51.35%	13.35%	3.74%
472218	CUSTER TEL COOP	2,643	2,998	3,033	2,979	13.41%	1.18%	-1.78%
472223	GEM STATE UTIL-ID	2,826	3,623	3,687	3,833	28.22%	1.75%	3.96%
472423	INLAND TEL-ID	990	948	804	807	-4.26%	-15.13%	0.39%
472226	MIDVALE TEL EXCH INC	429	790	1,095	1,118	84.22%	38.59%	2.09%
472231	PROJECT MUTUAL TEL	8,219	9,124	9,921	10,769	11.01%	8.74%	8.54%
472232	ROCKLAND TEL CO INC	928	959	1,092	1,160	3.27%	13.93%	6.18%
472233	RURAL TEL CO - ID	928	959	721	758	3.34%	-24.82%	5.13%
472295	SILVER STAR TEL- ID	916	1,007	1,003	1,098	9.90%	-0.40%	9.48%
472234	TROY TELEPHONE CO	1,900	2,029	2,150	2,419	6.80%	5.92%	12.54%
341000	ALLTEL ILLINOIS INC.	102,255	110,121	120,832	134,750	7.69%	9.73%	11.52%
341036	CONTEL OF ILLINOIS	526,852	559,877	642,483	690,733	6.27%	14.75%	7.51%
341004	EL PASO TEL CO	5,440	6,254	6,857	7,358	14.96%	9.64%	7.31%
341023	GRIDLEY TEL CO	5,165	5,209	5,449	5,824	0.86%	4.61%	6.88%
341037	IL CONSOLIDATED TEL	228,888	247,195	263,492	272,458	8.00%	6.59%	3.40%
341038	INLAND TEL CO	18,886	19,659	21,484	22,713	4.09%	9.28%	5.72%
341045	LEAF RIVER VLY TEL	2,170	2,323	2,367	2,481	7.02%	1.88%	4.84%
341055	MIDLAND TEL CO	16,520	17,562	18,479	19,670	6.31%	5.22%	6.44%
341060	MOULTRIE INDEPENDENT	2,333	2,408	2,569	3,501	3.20%	6.68%	36.28%
320753	CLAY CTY RURAL COOP	19,027	23,225	27,064	28,956	22.07%	16.53%	6.99%
320776	COMM CORP OF INDIANA	N/A	15,687	17,504	19,336	N/A	11.58%	10.47%
320779	CONTEL OF INDIANA	283,306	314,848	321,133	382,163	11.13%	2.00%	19.00%
320797	NEW PARIS TEL INC	3,249	3,650	4,858	4,644	12.37%	33.09%	-4.42%
320800	NORTHWESTERN INDIANA	26,300	29,182	30,337	32,722	10.96%	3.96%	7.86%
351346	ACE TEL ASSN-IA	5,969	8,440	9,818	13,511	41.41%	16.32%	37.62%
351105	AYRSHIRE FARMERS MUT	1,309	1,387	1,470	1,495	5.91%	6.01%	1.69%
351110	BERNARD TEL CO INC	1,560	1,654	2,003	3,001	6.02%	21.12%	49.84%
351127	CENDEL OF IOWA	N/A	118,678	119,820	128,464	N/A	0.96%	7.21%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	12,078	13,494	13,986	14,655	11.72%	3.65%	4.78%
351229	LOST NATION-ELWOOD	1,701	1,750	2,148	2,894	2.87%	22.79%	34.71%
351316	UNITED FARMERS TEL	N/A	1,778	1,933	1,870	N/A	8.71%	-3.28%
351327	WEBB-DICKENS TEL	1,854	2,065	2,129	2,118	11.38%	3.12%	-0.52%
411741	ASSARIA TEL EXCHANGE	2,181	2,401	2,489	2,667	10.10%	3.67%	7.12%
411746	BLUE VALLEY TEL CO	8,933	9,377	9,192	9,178	4.97%	-1.98%	-0.15%
411818	CRAW-KAN TEL COOP	33,876	36,022	37,631	39,476	6.33%	4.47%	4.90%
411761	CUNNINGHAM TEL CO	4,859	4,418	4,512	5,782	-9.07%	2.13%	28.15%
411764	ELKHART TEL CO INC	2,385	2,552	2,407	2,607	7.01%	-5.69%	8.32%
411781	H & B COMMUNICATIONS	3,329	3,116	2,722	3,554	-6.38%	-12.65%	30.55%
411782	HOME TEL CO	4,922	5,157	5,593	5,600	4.78%	4.45%	0.13%
411785	J. B. N. TEL CO INC	7,398	12,724	8,714	9,440	71.98%	-31.51%	8.33%
411788	KANOKLA TEL ASSN-KS	5,894	5,843	5,328	5,308	-0.87%	-8.80%	-0.39%
411801	MADISON TEL CO INC	1,738	1,791	1,758	2,005	3.08%	-1.86%	14.05%
411807	MOKAN DIAL INC-KS	6,813	7,263	8,056	8,237	6.61%	10.91%	2.25%
411808	MOUNDRIDGE TEL CO	6,426	6,550	6,463	7,978	1.93%	-1.33%	23.44%
411814	PEOPLES MUTUAL TEL	2,675	2,680	2,714	2,964	0.19%	1.24%	9.22%
411817	PIONEER TEL ASSN INC	N/A	28,082	26,196	33,043	N/A	-6.72%	26.14%
411826	RURAL TEL SERVICE CO	21,199	21,117	22,533	23,582	-0.38%	6.70%	4.65%
411827	S & T TEL COOP ASSN	5,889	6,069	5,899	6,084	3.05%	-2.79%	3.12%
411831	S. CENTRAL TEL - KS	3,830	3,904	3,937	3,981	1.93%	0.85%	1.14%
411835	SUNFLOWER TEL CO	9,413	10,009	10,073	9,772	6.33%	0.64%	-2.98%
412030	TOTAH TELEPHONE CO	4,251	4,134	4,278	5,192	-2.76%	3.48%	21.37%
411840	TWIN VALLEY TEL INC	6,494	6,292	5,140	8,075	-3.11%	-18.31%	57.10%
411841	UNITED TEL ASSN	16,468	16,684	17,183	17,000	1.31%	2.99%	-1.06%
411847	WHEAT STATE TEL, INC	7,189	7,355	8,166	9,423	2.32%	11.02%	15.39%
411849	WILSON TEL CO INC	6,063	6,251	7,096	8,584	3.10%	13.52%	20.96%
411852	ZENDA TEL COMPANY	1,082	1,097	1,067	1,104	1.32%	-2.73%	3.51%
260410	CONTEL OF KENTUCKY	102,466	125,744	141,001	155,219	22.72%	12.13%	10.08%
270431	CADDOAN TEL CO	15,547	18,907	19,962	21,415	21.62%	5.58%	7.28%
270425	CAMERON TEL CO - LA	15,172	18,489	22,340	29,550	21.86%	20.83%	32.27%
270423	CENTRAL LOUISIANA	28,641	35,434	38,832	44,097	23.72%	9.59%	13.56%
270436	CENTURY NORTH LA	50,585	50,029	18,042	20,098	-1.10%	-63.94%	11.39%
270440	CENTURY TEL CO	6,205	7,483	7,459	8,639	20.60%	-0.31%	15.82%
270424	COASTAL TEL & ELEC	24,831	28,147	30,640	31,725	13.35%	8.86%	3.54%
270429	EAST ASCENSION TEL	51,596	59,114	62,650	96,254	14.57%	5.98%	53.64%
270430	ELIZABETH TEL CO	5,441	4,827	5,188	6,090	-11.29%	7.48%	17.38%
270434	EVANGELINE TEL CO	62,889	72,571	74,872	86,536	15.40%	3.17%	15.58%
270433	LAFOURCHE TEL CO	20,216	21,254	25,307	33,963	5.13%	19.07%	34.21%
270442	LOUISIANA WESTERN	8,501	10,515	10,973	11,690	23.69%	4.36%	6.54%
270435	NORTHEAST LOUISIANA	3,120	3,942	4,015	4,140	26.34%	1.85%	3.12%
270438	RESERVE TEL CO	N/A	N/A	10,615	14,300	N/A	N/A	34.71%
100004	CHINA TEL CORP	N/A	8,740	9,577	10,494	N/A	9.57%	9.57%
100014	CONTEL OF MAINE	90,633	100,912	112,450	118,146	11.34%	11.43%	5.06%
100010	HAMPDEN TEL CO	N/A	10,392	9,939	10,000	N/A	-4.36%	0.62%
100011	HARTLAND & ST ALBANS	6,234	7,423	8,428	8,920	19.07%	13.55%	5.84%
100003	LINCOLNVILLE TEL CO	2,461	2,755	2,837	3,254	11.96%	2.96%	14.69%
100024	SOMERSET TEL CO	20,871	23,235	26,345	29,350	11.32%	13.39%	11.41%
100025	STANDISH TEL CO	N/A	19,595	21,347	23,930	N/A	8.94%	12.10%
100027	UNION RIVER TEL CO	1,409	2,711	2,191	3,521	92.47%	-19.16%	60.66%
100029	UNITY TEL CO., INC.	N/A	9,683	10,981	11,660	N/A	13.41%	6.19%
100031	WARREN TEL CO	5,147	5,742	6,790	7,149	11.56%	18.26%	5.28%
100034	WEST PENOBSCOT TEL	5,628	6,112	7,122	7,958	8.60%	16.53%	11.74%
310704	ACE TEL OF MICHIGAN	9,925	11,903	14,142	15,017	19.93%	18.81%	6.19%
310681	ALLTEL MICHIGAN INC.	134,720	153,546	169,328	179,632	13.97%	10.28%	6.09%
310679	BLOOMINGDALE TEL CO	6,116	7,196	7,893	8,212	17.66%	9.68%	4.05%
310682	C, C & S TELCO - MI	46,671	52,170	57,026	56,899	11.78%	9.31%	-0.22%
310683	CARR TEL CO	2,347	3,563	3,921	4,294	51.82%	10.05%	9.51%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	122,340	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	121,760	150,154	163,462	186,905	23.32%	8.86%	14.34%
310685	CHATHAM TEL CO - MI	4,733	5,268	6,075	6,964	11.30%	15.31%	14.63%
310680	CHIPPEWA COUNTY TEL	2,094	2,496	2,797	3,004	19.19%	12.06%	7.39%
310713	HIAWATHA TEL CO	7,583	10,047	11,805	12,084	32.50%	17.50%	2.36%
310711	MIDWAY TEL CO	1,740	1,846	1,808	1,915	6.13%	-2.05%	5.90%
310714	ODGEN TEL CO	N/A	895	1,155	1,246	N/A	29.06%	7.92%
310717	ONTONAGON COUNTY TEL	5,729	6,686	7,938	8,046	16.71%	18.72%	1.36%
310721	PIGEON TEL CO	10,427	11,417	11,166	11,000	9.50%	-2.20%	-1.47%
310728	SPRINGPORT TEL CO	5,818	6,614	7,508	7,546	13.68%	13.53%	0.51%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	10,330	12,381	13,854	14,641	19.85%	11.90%	5.68%
310737	WINN TEL CO	N/A	3,433	3,791	4,151	N/A	10.42%	9.50%
310738	WOLVERINE TEL CO	28,011	31,231	32,482	36,657	11.50%	4.01%	12.86%
361346	ACE TEL ASSN-MN	16,574	17,934	20,524	21,928	8.21%	14.44%	6.84%
361374	ARROWHEAD COMM CORP	1,423	1,784	1,905	1,880	25.39%	6.74%	-1.26%
361350	ARVIG TEL CO	14,175	16,500	18,139	18,997	16.40%	9.93%	4.73%
361370	CLARA CITY TEL EXCH	4,545	4,354	4,362	4,235	-4.20%	0.19%	-2.92%
361140	CONTEL MN DBA GTE MN	268,265	294,844	304,176	308,495	9.91%	3.17%	1.42%
361385	EAST OTTER TAIL TEL	20,509	35,152	44,648	41,118	71.40%	27.02%	-7.91%
361395	GARDEN VALLEY TEL CO	34,396	37,421	40,121	41,685	8.79%	7.22%	3.90%
361410	JOHNSON TEL CO	2,370	2,550	2,697	3,011	7.58%	5.75%	11.67%
361414	LAKEDALE TEL CO	28,792	35,199	39,420	42,513	22.25%	11.99%	7.85%
361433	MID STATE TEL CO	12,985	12,836	13,281	17,218	-1.15%	3.47%	29.64%
361442	NEW ULM TELECOM, INC	20,963	21,646	22,558	25,092	3.26%	4.21%	11.24%
361451	PAUL BUNYAN RURAL	10,755	11,694	12,701	14,197	8.73%	8.61%	11.78%
361483	SLEEPY EYE TEL CO	15,330	15,595	16,682	17,720	1.73%	6.97%	6.23%
361491	TWIN VALLEY-ULEN TEL	6,542	6,235	6,922	6,302	-4.69%	11.02%	-8.96%
280453	ALLTEL MISSISSIPPI	N/A	N/A	16,677	18,908	N/A	N/A	13.37%
280446	BAY SPRINGS TEL CO	16,781	19,415	20,518	19,866	15.70%	5.68%	-3.18%
280452	DELTA TEL CO	4,591	5,349	6,555	6,555	16.50%	22.54%	0.00%
280454	FRANKLIN TEL CO - MS	10,639	13,580	15,325	17,115	27.64%	12.85%	11.68%
280458	HOME TEL CO-OLIVE BR	N/A	10,971	11,763	12,748	N/A	7.23%	8.38%
280461	SOUTHEAST MS TEL CO	3,511	6,971	7,440	9,636	98.54%	6.73%	29.52%
421885	ALLTEL MISSOURI	62,367	67,736	72,529	66,601	8.61%	7.08%	-8.17%
421865	CITIZENS TEL CO - MO	10,967	11,211	11,046	11,403	2.23%	-1.47%	3.23%
421922	CONTEL OF MISSOURI	492,697	474,737	546,010	650,958	-3.65%	15.01%	19.22%
421846	CONTINENTAL SYS. -MO	97,079	102,447	105,888	121,229	5.53%	3.36%	14.49%
421873	EASTERN MISSOURI TEL	8,621	9,619	10,102	10,171	11.57%	5.02%	0.69%
421882	FIDELITY TEL CO	27,295	27,171	33,225	35,299	-0.45%	22.28%	6.24%
421886	GOODMAN TEL CO	4,392	4,626	4,593	4,986	5.32%	-0.71%	8.55%
421888	GRAND RIVER MUT-MO	26,844	29,558	30,067	31,755	10.11%	1.72%	5.62%
421929	HOLWAY TEL CO	1,656	1,709	1,709	2,115	3.18%	0.00%	23.74%
421901	KINGDOM TELEPHONE	11,498	11,268	12,809	13,849	-2.00%	13.68%	8.12%
421908	LE-RU TELEPHONE CO	2,367	2,458	2,640	2,748	3.85%	7.42%	4.07%
421904	MISSOURI TEL CO	32,968	33,386	35,531	39,482	1.27%	6.43%	11.12%
421807	MOKAN DIAL INC-MO	2,178	2,416	2,922	3,177	10.92%	20.94%	8.75%
421931	NE MISSOURI RURAL	7,936	8,549	9,624	10,116	7.73%	12.58%	5.11%
421934	ORCHARD FARM TEL CO	4,384	4,521	4,612	4,819	3.12%	2.03%	4.48%
421951	STOUTLAND TEL CO	2,611	2,876	3,102	3,315	10.14%	7.87%	6.85%
482235	BLACKFOOT TEL COOP	16,546	18,303	20,130	20,690	10.62%	9.98%	2.78%
482241	HOT SPRINGS TEL CO	N/A	1,230	1,389	1,206	N/A	12.90%	-13.13%
482242	INTERBEL TEL COOP	1,192	1,275	1,812	1,832	6.96%	42.10%	1.15%
482244	LINCOLN TEL CO INC	1,670	1,966	2,112	2,222	17.71%	7.42%	5.23%
482246	MID-RIVERS TEL COOP	18,253	18,896	20,212	18,351	3.52%	6.96%	-9.21%
482247	NEMONT TEL COOP-MT	7,198	8,224	8,640	9,060	14.25%	5.06%	4.86%
482248	NORTHERN TEL COOP	4,964	5,681	5,910	5,813	14.44%	4.03%	-1.64%
482249	NW TEL SYSTEMS, INC.	82,012	80,493	83,118	82,932	-1.85%	3.26%	-0.22%
482250	PROJECT TEL CO	7,215	10,295	9,737	10,912	42.68%	-5.42%	12.07%
482251	RANGE TEL COOP-MT	7,570	8,684	9,306	11,103	14.72%	7.15%	19.32%
482254	SOUTHERN MONTANA TEL	2,037	2,292	2,558	2,827	12.54%	11.56%	10.55%
482257	TRIANGLE TEL COOP	25,697	27,808	30,454	32,245	8.22%	9.51%	5.88%
482258	VALLEY RURAL TEL	2,039	2,329	2,445	2,462	14.20%	4.99%	0.69%
482255	3-RIVERS TEL COOP	22,564	25,028	26,966	26,454	10.92%	7.74%	-1.90%
371516	ARAPAHOE TEL CO	2,453	2,467	2,748	3,101	0.55%	11.41%	12.84%
371517	ARLINGTON TEL CO	3,558	3,691	3,695	4,232	3.74%	0.11%	14.54%
372455	BENKELMAN TEL CO	N/A	1,829	1,726	1,756	N/A	-5.64%	1.76%
371524	BLAIR TEL CO	14,248	15,339	15,030	17,982	7.66%	-2.01%	19.64%
371526	CAMBRIDGE TEL CO -NE	N/A	2,163	2,867	2,940	N/A	32.54%	2.55%
371531	CLARKS TEL CO	1,316	1,431	2,905	2,854	8.70%	103.06%	-1.75%
371534	COZAD TEL CO	6,336	6,411	6,990	7,360	1.19%	9.03%	5.29%
371536	CURTIS TEL CO	2,267	2,108	2,170	2,125	-7.00%	2.95%	-2.12%
371537	DALTON TEL CO, INC	3,796	4,073	3,942	3,921	7.29%	-3.23%	-0.52%
371540	DILLER TEL CO	2,477	2,526	2,598	2,751	1.97%	2.85%	5.90%
371542	EASTERN NEBRASKA TEL	6,482	6,876	7,040	7,387	6.08%	2.38%	4.93%
371577	GREAT PLAINS COMMUN	66,205	67,821	67,306	68,312	2.44%	-0.76%	1.49%
371557	HARTMAN TEL EXCH INC	951	1,045	999	1,098	9.91%	-4.40%	9.87%
371558	HEMINGFORD COOP TEL	1,097	1,346	1,325	1,252	22.75%	-1.56%	-5.52%
371567	KEYSTONE-ARTHUR TEL	1,011	946	925	996	-6.45%	-2.18%	7.61%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	22,751	9,022	16,220	15,904	-60.35%	79.79%	-1.95%
371580	PETERSBURG TEL CO	1,439	1,573	1,481	1,496	9.28%	-5.81%	0.99%
371586	ROCK COUNTY TEL CO	2,887	3,181	3,241	3,486	10.17%	1.89%	7.56%
371591	SE NEBRASKA TEL CO	N/A	5,099	5,707	6,505	N/A	11.92%	14.00%
371592	STANTON TEL CO, INC	2,777	2,876	3,081	3,574	3.57%	7.12%	15.98%
371525	THREE RIVER TELCO	3,010	3,108	3,110	3,556	3.25%	0.08%	14.35%
371597	WAUNETA TEL CO	1,610	1,553	1,842	1,823	-3.53%	18.60%	-0.99%
552284	BEEHIVE TEL CO - NV	N/A	107	363	137	N/A	240.60%	-62.27%
552349	CHURCHILL COUNTY TEL	9,419	11,328	12,476	15,633	20.27%	10.13%	25.30%
552304	CP NATIONAL-NV	18,774	26,872	19,694	26,222	43.13%	-26.71%	33.14%
552223	GEN STATE UTIL-NV	437	622	704	513	42.44%	13.19%	-27.12%
552351	LINCOLN CTY TEL SYS	3,926	4,268	4,655	5,030	8.70%	9.08%	8.04%
552353	MOAPA VALLEY TEL CO.	3,721	5,118	4,320	5,774	37.53%	-15.58%	33.64%
552354	NEVADA TEL-TELEGRAPH	5,089	5,613	5,001	6,179	10.30%	-10.91%	23.57%
552356	RIO VIRGIN TEL CO	1,029	1,410	1,770	2,855	37.07%	25.56%	61.28%
552233	RURAL TEL CO - NV	368	1,202	1,738	1,847	226.96%	44.56%	6.30%
120038	BRETTON WOODS TEL CO	376	615	524	545	63.68%	-14.81%	3.96%
120040	CHICHESTER TEL CO	N/A	3,118	3,487	5,568	N/A	11.83%	59.70%
120041	CONTEL OF NH	20,173	22,607	23,617	22,498	12.07%	4.47%	-4.74%
120039	GRANITE STATE TEL	15,258	16,364	17,781	19,109	7.24%	8.66%	7.47%
120045	KEARSARGE TEL CO	15,937	17,388	18,937	19,804	9.10%	8.91%	4.58%
120046	MERIDEN TEL CO	829	948	1,028	1,191	14.36%	8.48%	15.86%
120047	MERRIMAK COUNTY TEL	19,215	21,275	22,352	17,755	10.72%	5.06%	-20.57%
120049	UNION TEL CO	9,168	11,666	12,881	14,614	27.26%	10.41%	13.46%
120050	WILTON TEL CO - NH	6,355	5,556	7,308	7,763	-12.56%	31.53%	6.23%
160135	WARWICK VALLEY-NJ	43,068	46,587	51,178	54,727	8.17%	9.85%	6.93%
492259	BACA VALLEY TEL CO	1,358	1,425	1,282	1,469	4.96%	-10.07%	14.62%
492177	CONTEL OF WEST - NM	101,139	63,843	71,514	80,090	-36.88%	12.02%	11.99%
492066	DELL TEL CO-OP - NM	476	451	609	589	-5.08%	34.84%	-3.23%
492262	ENMR TEL COOP INC-NM	14,491	15,360	19,410	18,343	6.00%	26.36%	-5.50%
492263	LA JICARITA RURAL	3,356	3,281	3,540	3,539	-2.23%	7.88%	-0.02%
492264	LEACO RURAL TEL COOP	3,220	2,760	2,621	3,478	-14.28%	-5.05%	32.70%
492275	NAVAJO COMMUN - NM	8,028	8,655	9,079	9,540	7.81%	4.90%	5.08%
492270	PENASCO VALLEY TEL	5,495	5,462	5,324	5,373	-0.59%	-2.52%	0.92%
492272	ROOSEVELT CNTY RURAL	3,708	3,732	3,370	3,653	0.64%	-9.68%	8.39%
492274	UNIVERSAL TEL OF SW	7,754	8,687	8,943	9,324	12.04%	2.95%	4.25%
492176	VALLEY TEL COOP - NM	2,050	2,347	2,551	2,633	14.52%	8.70%	3.20%
492268	WESTERN NEW MEXICO	9,919	10,435	10,459	9,822	5.20%	0.23%	-6.09%
150106	ALLTEL NY-FULTON	16,955	73,085	85,517	91,201	331.05%	17.01%	6.65%
150109	ALLTEL NY-JAMESTOWN	16,534	77,050	77,425	72,167	366.02%	0.49%	-6.79%
150113	ALLTEL NY-RED JACKET	1,865	8,042	8,811	9,490	331.21%	9.56%	7.71%
150072	AU SABLE VALLEY TEL	4,175	17,433	19,339	19,602	317.53%	10.93%	1.36%
150077	CHAMPLAIN TEL CO	9,947	9,672	9,986	13,371	-2.77%	3.25%	33.90%
150078	CHAUTAUQUA & ERIE	19,680	21,664	25,057	26,173	10.08%	15.66%	4.46%
150081	CITIZENS HAMMOND NY	3,025	3,609	3,773	4,010	19.31%	4.52%	6.30%
150085	CROWN POINT TEL CORP	2,225	2,545	2,964	3,169	14.36%	16.50%	6.91%
150091	DUNKIRK & FREDONIA	18,989	21,102	22,759	23,101	11.13%	7.85%	1.50%
150092	EDWARDS TEL CO	6,290	6,799	7,242	7,722	8.10%	6.51%	6.62%
150093	EMPIRE TEL CORP	20,129	20,978	23,115	24,538	4.22%	10.19%	6.16%
150097	GERMANTOWN TEL CO	7,191	8,553	9,290	9,524	18.94%	8.61%	2.53%
150099	HANCOCK TEL CO	3,118	3,726	4,411	4,491	19.50%	18.37%	1.83%
150100	HIGHLAND TEL CO	227,982	241,814	267,352	284,999	6.07%	10.56%	6.60%
150105	MIDDLEBURGH TEL CO	16,676	18,456	21,191	22,777	10.68%	14.82%	7.49%
150108	NICHOLVILLE TEL CO	5,299	5,090	4,311	4,768	-3.96%	-15.29%	10.58%
150110	OGDEN TEL CO	23,881	24,659	27,806	29,496	3.26%	12.76%	6.08%
150116	PATTERSONVILLE TEL	N/A	2,712	4,090	4,303	N/A	50.80%	5.19%
150122	SENECA-GORHAM TEL	30,924	33,894	38,099	41,077	9.60%	12.41%	7.82%
150128	SYLVAN LAKE TEL CO	53,274	65,409	74,446	73,377	22.78%	13.82%	-1.44%
150084	TACONIC TEL CORP	52,559	56,834	59,420	57,891	8.13%	4.55%	-2.57%
150133	VERNON TEL CO	5,937	6,813	7,547	8,393	14.74%	10.78%	11.21%
150135	WARWICK VALLEY-NY	40,269	44,473	47,472	50,520	10.44%	6.74%	6.42%
230476	ALLTEL CAROLINA-NO	192,683	199,586	214,021	224,799	3.58%	7.23%	5.04%
230468	ATLANTIC MEMBERSHIP	27,941	31,755	35,380	34,817	13.65%	11.41%	-1.59%
230469	BARNARDSVILLE TEL CO	2,384	1,342	1,114	1,025	-43.71%	-16.99%	-8.02%
230473	CITIZENS TEL CO	20,041	20,699	24,688	22,433	3.28%	19.27%	-9.13%
230474	CONCORD TEL CO	113,626	130,457	148,809	143,968	14.81%	14.07%	-3.25%
230509	CONTEL OF NC	150,692	153,065	178,350	177,947	1.57%	16.52%	-0.23%
230481	HEINS TEL CO	53,739	52,324	57,005	65,541	-2.63%	8.95%	14.97%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE DIAL EQUIPMENT MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	27,593	32,636	36,262	37,339	18.27%	11.11%	2.97%
230510	WILKES MEMBERSHIP	9,723	10,286	11,079	11,369	5.79%	7.71%	2.61%
381607	CONSOLIDATED COOP	8,018	7,550	10,178	8,797	-5.83%	34.80%	-13.56%
381447	CONTEL ND DBA GTE ND	22,701	22,167	22,737	23,065	-2.35%	2.57%	1.44%
381616	INTER-COMMUNITY TEL	3,710	4,117	4,188	4,364	10.97%	1.74%	4.20%
381617	MIDSTATE TEL CO	3,368	3,796	3,877	3,980	12.71%	2.12%	2.67%
381630	POLAR COMM MUT AID	17,427	18,428	19,383	18,003	5.74%	5.19%	-7.12%
381632	RESERVATION TEL COOP	10,170	11,043	11,251	11,856	8.59%	1.88%	5.38%
381634	SOURIS RIVER TELECOM	25,695	28,063	27,462	28,315	9.22%	-2.14%	3.10%
381637	W. RIVER TELECOM.	20,232	19,361	20,059	19,019	-4.30%	3.60%	-5.19%
300665	ALLTEL OHIO-WEST OH	50,235	55,981	52,394	62,675	11.44%	-6.41%	19.62%
300682	C, C & S TELCO -OHIO	3,249	1,290	1,289	1,301	-60.29%	-0.12%	0.97%
300607	CONTINENTAL OF OHIO	3,994	4,982	4,889	5,230	24.74%	-1.85%	6.96%
300613	LITTLE MIAMI COMM.	2,997	10,311	6,088	6,712	243.99%	-40.95%	10.25%
300597	THE CHILLICOTHE TEL	47,255	58,774	56,676	57,659	24.38%	-3.57%	1.74%
431965	ALLTEL OKLAHOMA INC	45,763	47,651	49,494	47,793	4.13%	3.87%	-3.44%
431966	ATLAS TEL CO	N/A	5,362	5,171	5,259	N/A	-3.58%	1.70%
431974	CANADIAN VALLEY TEL	2,580	2,694	2,842	2,742	4.42%	5.49%	-3.52%
431976	CARNEGIE TEL CO INC	4,931	4,921	4,885	4,316	-0.19%	-0.75%	-11.63%
431979	CHEROKEE TEL CO	10,478	10,712	10,653	11,237	2.23%	-0.55%	5.48%
431980	CHICKASAW TEL CO	28,436	29,719	30,732	33,241	4.51%	3.41%	8.17%
431981	CHOUTEAU TEL CO	8,338	8,774	9,792	9,013	5.23%	11.61%	-7.95%
431985	CROSS TEL CO	23,940	25,007	27,716	28,130	4.46%	10.83%	1.49%
431988	DOBSON TEL CO	12,165	12,731	12,213	11,558	4.65%	-4.07%	-5.36%
431994	GRAND TEL CO INC	7,787	7,582	7,419	8,126	-2.63%	-2.15%	9.53%
431995	HINTON TEL CO	10,726	10,662	10,463	11,398	-0.60%	-1.87%	8.94%
431788	KANOKLA TEL ASSN-OK	3,844	3,782	3,264	3,398	-1.63%	-13.68%	4.11%
432006	MCLLOUD TEL CO	16,998	16,226	17,502	16,060	-4.54%	7.86%	-8.24%
432011	OKLAHOMA ALLTEL, INC	33,764	34,780	37,862	38,156	3.01%	8.86%	0.78%
431984	OKLAHOMA COMM SYSTEM	46,332	47,211	49,148	52,823	1.90%	4.10%	7.48%
432013	OKLAHOMA TEL & TEL	6,418	6,460	6,996	6,627	0.66%	8.29%	-5.28%
432014	OKLAHOMA WESTERN TEL	7,657	8,517	7,850	8,601	11.22%	-7.83%	9.57%
432016	PANHANDLE TEL COOP	12,755	15,542	15,771	15,423	21.85%	1.47%	-2.21%
432018	PIONEER TEL COOP INC	122,264	124,042	124,558	122,742	1.45%	0.42%	-1.46%
432020	POTTAWATOMIE TEL CO	7,402	6,875	7,170	7,114	-7.12%	4.30%	-0.79%
431831	S. CENTRAL TEL - OK	1,139	1,120	1,111	1,146	-1.67%	-0.88%	3.22%
432030	TOTAH TELEPHONE CO	9,132	8,592	8,984	9,217	-5.91%	4.56%	2.60%
432032	VALLIANT TEL CO	4,649	5,216	6,001	6,146	12.19%	15.04%	2.43%
432034	WYANDOTTE TEL CO	N/A	1,313	1,322	1,429	N/A	0.69%	8.06%
532404	ASOTIN TEL - OR	160	262	297	304	63.72%	13.16%	2.51%
532359	BEAVER CREEK COOP	9,277	10,214	10,498	11,549	10.10%	2.79%	10.01%
532304	C P NATIONAL CORP-OR	32,778	33,980	34,454	41,350	3.67%	1.39%	20.02%
532362	CANBY TEL ASSN	26,972	29,485	29,992	33,449	9.32%	1.72%	11.53%
532371	CASCADE UTIL INC	18,764	20,067	20,470	23,016	6.94%	2.01%	12.44%
532363	CLEAR CREEK MUTUAL	7,366	7,477	7,428	8,876	1.50%	-0.65%	19.48%
532364	COLTON TEL CO	3,453	4,034	4,144	4,905	16.81%	2.75%	18.35%
532449	CONTEL OF THE NW- OR	138,518	77,373	83,473	89,726	-44.14%	7.88%	7.49%
532376	HELIX TEL CO.	847	892	1,102	1,123	5.33%	23.53%	1.87%
532377	HOME TELEPHONE CO	1,572	1,721	1,782	1,989	9.47%	3.59%	11.61%
532456	MALHEUR HOME TEL CO	13,359	13,777	13,806	12,942	3.13%	0.21%	-6.26%
532226	MIDVALE TEL EXCH -OR	753	450	584	659	-40.15%	29.57%	12.92%
532383	MOLALLA TEL CO.	15,819	16,935	19,312	18,841	7.06%	14.03%	-2.44%
532385	MONROE TELEPHONE CO.	2,745	3,037	3,333	2,948	10.65%	9.75%	-11.55%
532387	NEHALEM TEL & TEL	4,351	4,882	5,558	6,176	12.19%	13.86%	11.11%
532388	NORTH STATE TEL CO.	1,455	1,489	1,597	1,655	2.32%	7.26%	3.65%
532389	OREGON TEL CORP	5,544	5,921	6,792	6,926	6.81%	14.71%	1.96%
532392	PINE TEL SYSTEM INC.	1,405	1,468	1,623	1,540	4.50%	10.55%	-5.07%
532393	PIONEER TEL COOP	23,878	26,924	30,122	32,410	12.76%	11.88%	7.60%
532375	RTI/HALSEY TEL CO	4,612	4,676	4,314	4,667	1.39%	-7.74%	8.19%
532397	SCIO MUTUAL TEL ASSN	4,906	5,382	5,749	4,242	9.71%	6.82%	-26.22%
532361	TEL UTIL OF OREGON	125,963	137,534	151,787	148,148	9.19%	10.36%	-2.40%
532378	TRANS-CASCADES TEL	352	420	457	525	19.55%	6.53%	14.91%
170170	CONTEL OF PA	126,899	150,694	157,647	163,432	18.75%	4.61%	3.67%
170177	LACKAWAXEN TEL CO	N/A	4,333	4,803	5,381	N/A	10.86%	12.04%
170183	MAHANAY & MAHANTONGO	N/A	10,193	10,967	12,085	N/A	7.59%	10.20%
170192	NORTH PENN TEL CO	8,346	8,369	9,021	9,481	0.27%	7.79%	5.10%
170194	OSWAYO RIVER TEL CO	2,670	2,971	3,068	3,389	11.27%	3.26%	10.50%
170201	QUAKER STATE TEL CO	56,887	63,813	70,733	72,284	12.18%	10.84%	2.19%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	2,252	2,611	2,745	3,433	15.93%	5.15%	25.03%
633200	PUERTO RICO COMM	N/A	289,746	332,965	401,746	N/A	14.92%	20.66%
240512	BLUFFTON TEL. CO.	7,223	7,763	6,396	11,095	7.48%	-17.62%	73.48%
240526	CONTEL OF SC	22,312	24,822	27,021	32,433	11.25%	8.86%	20.03%
240520	FARMERS TEL COOP	61,239	76,094	84,287	96,682	24.26%	10.77%	14.70%
240523	HARGRAY TEL CO	38,706	40,156	45,558	62,767	3.75%	13.45%	37.78%
240528	HORRY TEL COOP	52,368	87,073	66,146	66,146	66.27%	-24.03%	0.00%
240533	MCCLELLANVILLE TEL	3,617	4,209	4,737	5,202	16.37%	12.54%	9.81%
240539	POND BRANCH TEL CO	17,286	19,777	21,394	26,091	14.41%	8.18%	21.96%
240551	WILLISTON TEL CO	8,757	9,974	10,787	11,403	13.90%	8.16%	5.71%
391647	CHEYENNE RIVER SIOUX	4,180	4,052	4,426	4,107	-3.07%	9.22%	-7.20%
391643	CONTEL SD DBA GTE SD	15,691	19,582	23,849	25,581	24.80%	21.79%	7.26%
391659	GOLDEN WEST TELECOMM	23,142	25,921	24,134	24,917	12.01%	-6.89%	3.24%
391666	JEFFERSON TEL CO -SD	628	596	712	846	-5.23%	19.58%	18.83%
391667	KADOKA TELEPHONE CO	1,014	1,012	1,346	1,429	-0.13%	33.00%	6.15%
391668	KENNEBEC TEL CO	916	902	977	984	-1.50%	8.32%	0.66%
391689	WEST RIVER COOP	3,121	3,225	3,125	3,447	3.33%	-3.11%	10.32%
290552	ADAMSVILLE TEL CO	N/A	7,863	8,421	9,688	N/A	7.10%	15.04%
290571	MILLINGTON TEL CO	23,028	24,225	27,349	23,894	5.19%	12.90%	-12.63%
290575	TENNESSEE TEL CO	48,875	56,309	59,864	66,852	15.21%	6.31%	11.67%
290579	TWIN LAKES TEL COOP	32,296	37,067	41,009	45,802	14.77%	10.64%	11.69%
442121	ALLTEL TEXAS INC	8,605	8,359	9,898	8,844	-2.86%	18.42%	-10.65%
442039	BIG BEND TEL CO INC	8,879	9,256	9,709	8,916	4.24%	4.90%	-8.17%
442040	BRAZORIA TEL CO	16,198	17,151	18,215	18,932	5.89%	6.20%	3.94%
442041	BRAZOS TEL COOP INC	4,829	5,172	5,235	5,026	7.10%	1.21%	-3.98%
440425	CAMERON TEL CO TEXAS	3,009	3,413	3,667	3,791	13.42%	7.44%	3.40%
442046	CAP ROCK TEL CO INC	9,144	9,881	9,992	9,212	8.06%	1.12%	-7.81%
442052	CENTRAL TEXAS CO-OP	10,197	10,659	12,135	12,402	4.53%	13.84%	2.20%
442059	COLORADO VALLEY TEL	14,798	15,678	16,081	14,983	5.95%	2.57%	-6.83%
442066	DELL TEL. CO-OP - TX	1,434	1,353	1,679	1,684	-5.68%	24.14%	0.24%
442068	EASTEX TEL COOP INC	52,168	77,513	68,980	71,028	48.58%	-11.01%	2.97%
442262	ENMR TEL COOP-TX	1,375	1,386	1,525	1,952	0.78%	10.01%	27.98%
442070	ETEX TEL COOP INC	35,115	40,386	41,411	40,516	15.01%	2.54%	-2.16%
442071	FIVE AREA TEL CO-OP	5,368	5,532	5,418	5,291	3.06%	-2.06%	-2.36%
442072	FORT BEND TEL CO	38,864	43,208	45,211	50,880	11.18%	4.64%	12.54%
442076	GANADO TELEPHONE CO	4,933	5,175	5,938	5,314	4.92%	14.74%	-10.51%
442083	GUADALUPE VALLEY TEL	62,337	73,160	85,128	97,689	17.36%	16.36%	14.76%
442086	HILL COUNTRY CO-OP	25,545	38,324	34,311	31,294	50.02%	-10.47%	-8.79%
442093	INDUSTRY TEL CO	5,636	5,698	5,896	5,855	1.11%	3.48%	-0.70%
442097	KERRVILLE TEL CO	49,344	49,342	48,393	43,686	-0.00%	-1.92%	-9.73%
442103	LA WARD TEL EXCHANGE	3,675	3,886	4,222	3,813	5.74%	8.64%	-9.69%
442101	LAKE DALLAS TEL CO	25,194	25,277	29,936	31,531	0.33%	18.43%	5.33%
442104	LAKE LIVINGSTON TEL	2,255	2,211	2,386	2,257	-1.95%	7.90%	-5.40%
442105	LIPAN TEL CO	N/A	N/A	4,156	4,228	N/A	N/A	1.75%
442109	LUFKIN-CONROE TEL EX	354,821	240,429	248,665	256,747	-32.24%	3.43%	3.25%
442112	MID-PLAINS RURAL TEL	9,323	9,698	9,844	9,076	4.02%	1.51%	-7.81%
442116	MUENSTER TEL CORP-TX	5,639	10,250	11,608	11,720	81.76%	13.25%	0.97%
442117	MUSTANG TEL CO	9,125	8,180	8,635	8,274	-10.35%	5.56%	-4.19%
442130	PEOPLES TEL COOP -TX	23,735	24,149	25,869	26,796	1.75%	7.12%	3.58%
442131	POKA-LAMBRO TEL COOP	13,004	12,812	14,869	12,878	-1.48%	16.06%	-13.39%
442134	RIVIERA TEL CO INC	3,345	3,512	3,432	2,860	4.99%	-2.28%	-16.66%
442147	SUGAR LAND TEL CO	46,866	50,592	57,605	60,308	7.95%	13.86%	4.69%
442150	TATUM TEL CO	N/A	N/A	3,700	3,833	N/A	N/A	3.59%
442151	TAYLOR TEL CO-OP INC	18,506	19,676	20,909	19,585	6.33%	6.27%	-6.34%
442159	VALLEY TEL CO-OP -TX	18,039	25,294	22,521	23,985	40.22%	-10.96%	6.50%
442168	WES-TEX TEL CO-OP	11,519	11,885	11,949	11,244	3.17%	0.54%	-5.90%
442166	WEST TEXAS RURAL TEL	7,271	7,399	7,745	6,301	1.75%	4.68%	-18.64%
442170	XIT RURAL TEL CO-OP	3,687	3,966	4,627	2,297	7.55%	16.68%	-50.35%
502284	BEEHIVE TEL CO - UT	N/A	1,254	1,706	2,175	N/A	36.01%	27.48%
502277	CENTRAL UTAH TEL INC	2,014	2,152	2,388	3,094	6.86%	10.98%	29.54%
502177	CONTEL THE WEST - UT	59,177	30,672	36,391	40,860	-48.17%	18.65%	12.28%
502278	EMERY COUNTY FARMERS	6,587	7,086	7,691	7,045	7.58%	8.54%	-8.40%
502280	KAMAS-WOODLAND TEL	4,291	4,802	4,710	5,363	11.91%	-1.92%	13.87%
502275	NAVAJO COMMUN - UT	539	571	567	560	6.02%	-0.66%	-1.34%
502286	SOUTH CENTRAL UTAH	4,614	4,714	6,161	6,585	2.17%	30.70%	6.88%
502287	UINTAH BASIN TEL	8,729	6,498	12,831	11,467	-25.56%	97.46%	-10.63%
502288	UT-WY TELECOM	956	934	1,029	1,109	-2.28%	10.21%	7.76%
140070	CONTEL OF VERMONT	66,487	71,885	74,600	78,920	8.12%	3.78%	5.79%

TABLE 4.10
STATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	5,661	6,374	6,567	5,522	12.60%	3.04%	-15.91%
140061	NORTHFIELD TEL CO	6,493	6,750	6,909	7,099	3.97%	2.35%	2.75%
140062	PERKINSVILLE TEL CO	2,199	2,698	2,792	3,214	22.69%	3.48%	15.14%
140068	TOPSHAM TEL CO	2,133	1,976	2,321	2,472	-7.32%	17.43%	6.52%
643300	VIRGIN ISLANDS TEL	0	0	0	0	0.00%	0.00%	0.00%
140069	WAITSFIELD/FAYSTON	6,281	7,327	7,522	7,763	16.65%	2.66%	3.20%
190217	AMELIA TEL CORP	8,880	11,352	12,025	14,254	27.84%	5.93%	18.53%
190249	ROANOKE & BOTETOURT	N/A	24,697	24,566	22,291	N/A	-0.53%	-9.26%
522404	ASOTIN TEL - WA	934	1,252	1,314	1,579	34.07%	4.95%	20.19%
522449	CONTEL OF THE NW-WA	235,182	152,409	177,935	207,882	-35.20%	16.75%	16.83%
522410	CONICHE TELEPHONE CO	5,843	5,938	6,301	7,426	1.62%	6.12%	17.85%
522412	ELLENSBURG TEL CO	34,514	35,842	37,443	44,536	3.85%	4.47%	18.94%
522417	HAT ISLAND	N/A	94	120	N/A	N/A	27.66%	N/A
522419	HOOD CANAL TEL CO	2,388	2,643	2,774	3,123	10.69%	4.98%	12.56%
522423	INLAND TEL CO -WA	3,171	3,836	3,730	4,208	20.97%	-2.78%	12.84%
522426	KALAMA TEL CO	5,866	6,344	6,853	7,482	8.15%	8.01%	9.17%
522427	LEWIS RIVER TEL CO	9,093	10,018	11,104	13,932	10.18%	10.84%	25.47%
522431	MASHELL TEL CO INC	8,188	8,857	9,085	10,429	8.16%	2.58%	14.78%
522436	PENINSULA TELECOMM	14,804	15,717	15,442	17,378	6.17%	-1.75%	12.54%
522437	PIONEER TEL CO	2,276	2,318	2,447	2,912	1.86%	5.55%	19.03%
522442	ST JOHN TEL CO	2,167	2,273	2,247	2,383	4.88%	-1.14%	6.06%
522408	TEL UTIL OF WA INC	281,879	299,583	327,195	357,056	6.28%	9.22%	9.13%
522446	TENINO TELEPHONE CO	8,871	9,802	10,776	11,515	10.50%	9.93%	6.85%
522447	TOLEDO TELEPHONE CO	5,068	4,704	4,931	5,596	-7.19%	4.83%	13.48%
522451	WESTERN WAHIAKUM	2,567	2,568	2,958	N/A	0.04%	15.19%	N/A
522452	WHIDBEY TEL CO	17,074	20,121	23,665	N/A	17.85%	17.61%	N/A
522453	YELM TELEPHONE CO	21,572	20,724	24,412	25,796	-3.93%	17.80%	5.67%
200278	CONTEL OF WV	56,131	58,913	55,982	68,002	4.96%	-4.97%	21.47%
200259	HARDY TEL CO	1,440	1,451	1,819	1,736	0.76%	25.37%	-4.56%
200270	MOUNTAIN STATE TEL	40,463	41,955	46,993	46,754	3.69%	12.01%	-0.51%
330841	CENCOM OF WISCONSIN	40,605	44,618	48,683	58,312	9.88%	9.11%	19.78%
330859	CENTRAL STATE TEL CO	16,436	18,705	20,906	21,825	13.81%	11.77%	4.39%
330895	CENTURY OF WISCONSIN	62,850	76,081	79,650	80,557	21.05%	4.69%	1.14%
330860	CHEQUAMEGON TEL COOP	8,591	9,994	11,788	13,887	16.32%	17.95%	17.81%
330870	CRANDON TEL CO	4,446	5,022	5,808	6,390	12.95%	15.64%	10.03%
330891	HEADWATERS TEL CO	5,528	6,438	6,706	7,920	16.47%	4.15%	18.11%
330936	INDIANHEAD TEL CO	3,465	4,127	4,413	5,459	19.10%	6.93%	23.69%
330908	MARQUETTE-ADAMS COOP	5,927	5,687	6,057	6,780	-4.05%	6.50%	11.93%
330909	MIDWAY TEL CO	13,505	17,003	19,574	18,245	25.90%	15.12%	-6.79%
330913	MONROE COUNTY TEL CO	18,394	18,995	20,902	25,888	3.27%	10.04%	23.86%
330916	MOUNT HOREB TEL CO	4,571	5,041	5,827	7,332	10.28%	15.59%	25.84%
330917	MT VERNON TEL CO	10,554	11,227	13,637	14,062	6.38%	21.47%	3.11%
330922	NORTH-WEST TEL CO	114,113	142,007	159,388	184,979	24.44%	12.24%	16.06%
330931	PEOPLES TEL CO	13,427	14,719	15,202	16,815	9.63%	3.28%	10.61%
330934	PLATTEVILLE TEL CO	14,980	17,420	19,507	21,206	16.29%	11.98%	8.71%
330937	PRICE COUNTY TEL CO	7,343	7,548	8,574	9,170	2.79%	13.60%	6.95%
330940	RHINELANDER TEL CO	19,900	25,916	27,088	31,021	30.23%	4.52%	14.52%
330952	SE TEL OF WISCONSIN	14,865	17,654	19,303	21,802	18.76%	9.34%	12.94%
330950	SOLOM SPRINGS TEL CO	23,099	25,705	26,766	32,321	11.28%	4.13%	20.75%
330956	UNIVERSAL OF N WISC	21,720	24,135	26,428	31,927	11.12%	9.50%	20.81%
330964	URBAN TEL CORP	37,175	48,324	52,295	59,497	29.99%	8.22%	13.77%
330963	UTELCO, INC	22,962	24,563	23,175	28,544	6.97%	-5.65%	23.17%
330974	WOOD COUNTY TEL CO	35,440	37,235	45,656	42,555	5.06%	22.61%	-6.79%
512291	DUBOIS TEL EXCHANGE	2,643	2,728	3,062	3,161	3.21%	12.25%	3.23%
512251	RANGE TEL COOP - WY	3,411	3,404	3,757	4,316	-0.21%	10.38%	14.87%
512295	SILVER STAR TEL-WY	1,273	1,336	1,538	1,764	4.91%	15.16%	14.68%
512299	TEL. UTIL. OF WY.	5,130	6,095	6,611	7,020	18.83%	8.46%	6.18%
512297	UNION TELEPHONE CO	5,142	5,681	5,607	6,235	10.48%	-1.30%	11.19%
512290	UTAH-WYOMING TELECOM	329	307	373	487	-6.87%	21.59%	30.58%
NON-TIER 1 COST COMPANIES		12,211,991	13,612,962	14,934,662	16,229,097	11.47%	9.71%	8.67%
TOTAL COST COMPANIES		246,813,902	260,633,052	279,173,172	292,177,395	5.60%	7.11%	4.66%
AVERAGE SCHEDULE ESTIMATE		5,808,000	6,963,000	7,220,000	7,458,078	19.89%	3.69%	3.30%
TOTAL INDUSTRY		252,621,902	267,596,052	286,393,172	299,635,473	5.93%	7.02%	4.62%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	271,883	275,000	273,000	290,072	1.15%	-0.73%	6.25%
255181	SO CENTRAL BELL-AL	3,220,343	3,476,566	4,019,125	3,609,887	7.96%	15.61%	-10.18%
452302	CONTEL CALIF - AZ	13,002	14,312	18,424	20,072	10.07%	28.73%	8.94%
455101	MOUNTAIN BELL - AZ	5,054,728	5,461,703	5,563,481	5,852,095	8.05%	1.86%	5.19%
401730	CONTEL OF ARKANSAS	32,285	143,493	151,835	166,343	344.45%	5.81%	9.56%
402080	GTE SOUTHWEST INC-AR	144,617	154,000	146,000	146,105	6.49%	-5.19%	0.07%
405211	SOUTHWESTERN BELL-AR	1,831,989	1,876,000	1,973,450	1,978,070	2.40%	5.19%	0.23%
542302	CONTEL OF CALIFORNIA	301,866	388,168	491,915	531,610	28.59%	26.73%	8.07%
542319	GTC OF CALIFORNIA	4,604,510	5,506,000	5,430,000	5,378,651	19.58%	-1.38%	-0.95%
545170	PACIFIC BELL	20,694,757	21,447,693	23,601,854	23,939,533	3.64%	10.04%	1.43%
542344	WEST COAST TEL OF CA	12,709	15,561	18,000	17,848	22.45%	15.67%	-0.84%
465102	MOUNTAIN BELL-CO	5,308,743	5,670,171	5,770,182	6,066,152	6.81%	1.76%	5.13%
135200	NEW ENGLAND	6,000,325	6,393,644	6,390,403	6,789,000	6.55%	-0.05%	6.24%
575020	C & P TEL CO OF WASH	2,870,833	2,418,920	2,704,078	2,538,500	-15.74%	11.79%	-6.12%
565010	DIAMOND STATE TEL	1,302,487	1,444,954	1,615,400	1,643,645	10.94%	11.80%	1.75%
210340	CENTEL OF FLORIDA	613,618	662,911	670,260	759,847	8.03%	1.11%	13.37%
210328	GTE FLORIDA INC.	4,062,000	4,073,000	3,990,000	3,877,343	0.27%	-2.04%	-2.82%
215191	SOUTHERN BELL-FL	11,601,631	13,643,242	15,067,442	14,664,179	17.60%	10.44%	-2.68%
210341	UTC OF FLORIDA	1,947,329	2,095,683	2,352,536	2,569,819	7.62%	12.26%	9.24%
220479	GTE SOUTH INC.- GA	324,870	344,133	349,000	355,009	5.93%	1.41%	1.72%
225192	SOUTHERN BELL-GA	7,463,353	8,219,215	8,939,080	9,199,588	10.13%	8.76%	2.91%
623100	GTE HAWAIIAN TEL. CO	1,416,724	1,498,000	1,455,000	1,414,332	5.74%	-2.87%	-2.80%
472416	GTE NORTHWEST INC-ID	214,349	243,779	288,000	298,319	13.73%	18.14%	3.58%
475103	MOUNTAIN BELL-ID	867,322	897,754	942,981	1,030,282	3.51%	5.04%	9.26%
475162	PACIFIC NW BELL-ID	63,971	71,955	76,190	85,423	12.48%	5.89%	12.12%
340985	CENTEL OF ILLINOIS	509,716	769,385	776,455	880,724	50.94%	0.92%	13.43%
341015	GTE NORTH INC. - IL	841,590	1,006,311	1,050,000	1,107,069	19.57%	4.34%	5.44%
345070	ILLINOIS BELL TEL CO	12,453,936	13,901,630	15,118,000	14,813,384	11.62%	8.75%	-2.01%
320772	GTE NORTH INC. - IN	1,176,347	1,472,000	1,603,000	1,581,107	25.13%	8.90%	-1.37%
325080	INDIANA BELL TEL CO	3,641,181	3,921,526	4,111,520	4,229,406	7.70%	4.84%	2.87%
320832	UTC OF INDIANA	258,786	304,130	366,623	408,100	17.52%	20.55%	11.31%
351207	CONTEL IA DBA GTE IA	180,379	200,678	129,632	158,779	11.25%	-35.40%	22.48%
351186	GTE NORTH INC. - IA	150,684	165,690	168,000	179,357	9.96%	1.39%	6.76%
355141	NORTHWESTERN BELL-IA	2,581,390	2,674,704	2,579,838	2,571,000	3.61%	-3.55%	-0.34%
415214	NORTHWESTERN BELL-KS	2,591,845	2,848,000	3,046,165	3,083,279	9.88%	6.96%	1.22%
411842	UTC OF KANSAS	141,626	163,297	197,058	191,481	15.30%	20.67%	-2.83%
265061	CINCINNATI BELL-KY	254,409	280,928	285,374	288,702	10.42%	1.58%	1.17%
260407	GTE SOUTH INC. - KY	714,956	712,000	690,000	694,744	-0.41%	-3.09%	0.69%
265182	SO CENTRAL BELL-KY	2,016,297	2,194,984	2,576,585	2,531,011	8.86%	17.39%	-1.77%
275183	SO CENTRAL BELL-LA	3,534,726	3,916,221	4,801,225	4,541,761	10.79%	22.60%	-5.40%
105111	NEW ENGLAND TEL-ME	1,065,457	1,150,867	1,132,865	1,058,430	8.02%	-1.56%	-6.57%
185030	C & P TEL CO OF MD	6,262,652	6,876,598	7,125,879	7,539,965	9.80%	3.63%	5.81%
115112	NEW ENGLAND TEL-MA	8,886,005	9,645,230	9,949,015	10,375,989	8.54%	3.15%	4.29%
310695	GTE NORTH INC. - MI	592,560	735,000	769,000	791,604	24.04%	4.63%	2.94%
315090	MICHIGAN BELL TEL CO	7,367,335	7,780,060	8,752,639	8,243,598	5.60%	12.50%	-5.82%
361367	CENTEL OF MN	104,388	145,600	161,829	178,692	39.48%	11.15%	10.42%
361186	GTE NORTH INC. - MN	4,445	4,695	5,000	5,577	5.61%	6.51%	11.54%
365142	NORTHWESTERN BELL-MN	4,077,297	4,359,844	4,245,481	4,376,765	6.93%	-2.62%	3.09%
361456	UTC OF MINNESOTA	108,930	135,359	167,545	170,438	24.26%	23.78%	1.73%
285184	SO CENTRAL BELL-MS	2,301,482	2,465,523	2,932,875	2,907,367	7.13%	18.96%	-0.87%
421186	GTE NORTH INC. - MO	211,482	254,248	259,000	253,826	20.22%	1.87%	-2.00%
425213	SOUTHWESTERN BELL-MO	5,172,300	5,532,000	5,846,294	5,701,593	6.95%	5.68%	-2.48%
421957	UTC OF MISSOURI	319,768	361,993	416,125	407,402	13.20%	14.95%	-2.10%
482416	GTE NORTHWEST INC-MT	14,490	15,000	15,000	17,122	3.52%	0.00%	14.15%
485104	MOUNTAIN BELL-MT	717,032	811,873	859,238	959,866	13.23%	5.83%	11.71%
371186	GTE NORTH INC. - NE	78,106	86,885	87,000	90,332	11.24%	0.13%	3.83%
371568	LINCOLN TEL & TEL CO	430,323	497,899	509,755	582,228	15.70%	2.38%	14.22%
375143	NORTHWESTERN BELL-NE	1,547,053	1,701,445	1,455,729	1,343,390	9.98%	-14.44%	-7.72%
371595	UTC OF THE WEST-NE	46,193	61,219	66,942	63,829	32.53%	9.35%	-4.65%
552348	CENTEL OF NV	1,246,217	1,678,475	1,545,616	1,694,409	34.69%	-7.92%	9.63%
552302	CONTEL OF CALIF-NV	70,869	84,295	105,729	103,914	18.95%	25.43%	-1.72%
555173	NEVADA BELL	586,770	795,376	745,413	812,086	35.55%	-6.28%	8.94%
125113	NEW ENGLAND TEL-NH	1,983,773	1,963,367	2,192,872	1,950,506	-1.03%	11.69%	-11.05%
165120	NEW JERSEY BELL	14,823,791	16,440,538	17,451,839	17,704,975	10.91%	6.15%	1.45%
160138	UNITED TEL - NJ, INC	345,930	389,239	406,083	385,468	12.52%	4.33%	-5.08%
492080	GTE SOUTHWEST INC-NM	99,742	99,826	100,000	101,931	0.08%	0.17%	1.93%
495105	MOUNTAIN BELL-NM	1,640,856	1,579,956	1,732,388	1,876,184	-3.71%	9.65%	8.30%
150096	CONTEL OF NY, INC	338,000	340,644	381,603	382,815	0.78%	12.02%	0.32%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	25,544,060	27,427,941	29,117,237	30,492,065	7.38%	6.16%	4.72%
150119	RED HOOK TEL CO	21,691	25,275	27,733	26,817	16.53%	9.72%	-3.30%
150121	ROCHESTER TEL CORP	661,405	748,497	825,122	883,343	13.17%	10.24%	7.06%
150136	WESTERN COUNTIES TEL	31,349	38,212	46,480	45,881	21.89%	21.64%	-1.29%
230470	CAROLINA TEL & TEL	1,668,799	1,881,314	2,110,024	1,901,242	12.73%	12.16%	-9.89%
230471	CENTEL OF NC	288,353	344,996	364,839	429,518	19.64%	5.75%	17.73%
230479	GTE SOUTH INC - NC	372,567	398,000	394,000	420,894	6.83%	-1.01%	6.83%
235193	SOUTHERN BELL-NC	3,999,832	4,292,968	4,868,178	4,854,284	7.33%	13.40%	-0.29%
385144	NORTHWESTERN BELL-ND	623,182	650,170	680,511	728,049	4.33%	4.67%	6.99%
300630	CENTEL OF OHIO	111,711	116,759	99,550	123,948	4.52%	-14.74%	24.51%
305062	CINCINNATI BELL-OH	1,646,406	1,599,174	1,673,766	1,667,114	-2.87%	4.66%	-0.40%
300615	GTE NORTH INC. - OH	942,490	1,077,000	1,225,000	1,261,411	14.27%	13.74%	2.97%
305150	OHIO BELL TEL CO	7,121,220	7,217,808	7,653,510	8,481,172	1.36%	6.04%	10.81%
300661	UTC OF OHIO	675,871	1,077,508	915,671	981,066	59.43%	-15.02%	7.14%
432080	GTE SOUTHWEST INC-OK	247,021	231,162	233,000	250,358	-6.42%	0.80%	7.45%
435215	SOUTHWESTERN BELL-OK	2,921,445	3,072,000	3,327,859	3,432,316	5.15%	8.33%	3.14%
532416	GTE NORTHWEST INC-OR	563,422	683,653	716,000	720,580	21.34%	4.73%	0.64%
535163	PACIFIC NW BELL-OR	2,468,691	2,614,618	2,718,128	2,906,165	5.91%	3.96%	6.92%
532400	UTC OF THE NW - OR	76,421	95,019	104,574	111,439	24.34%	10.06%	6.57%
175000	BELL OF PENNSYLVANIA	10,901,863	12,042,663	13,179,274	14,165,122	10.46%	9.44%	7.48%
170169	GTE NORTH INC. - PA	684,063	827,485	897,000	935,987	20.97%	8.40%	4.35%
170209	UTC OF PENNSYLVANIA	412,186	472,790	519,610	519,310	14.70%	9.90%	-0.06%
633201	PUERTO RICO TEL CO	866,331	1,169,031	1,115,735	1,276,347	34.94%	-4.56%	14.40%
585114	NEW ENGLAND TEL - RI	1,529,569	1,589,651	1,848,834	1,927,125	3.93%	16.30%	4.23%
240479	GTE SOUTH INC. - SC	373,343	402,000	407,000	416,458	7.68%	1.24%	2.32%
245194	SOUTHERN BELL-SC	2,684,474	2,922,659	3,234,640	3,313,677	8.87%	10.67%	2.44%
240506	UTC OF THE CAROLINAS	230,604	161,109	148,303	191,283	-30.14%	-7.95%	28.98%
395145	NORTHWESTERN BELL-SD	692,265	749,401	746,951	794,367	8.25%	-0.33%	6.35%
290479	GTE SOUTH INC. - TN	85,259	101,000	103,000	100,139	18.46%	1.98%	-2.78%
295185	SO. CENTRAL BELL -TN	5,010,568	5,230,806	5,974,375	5,336,243	4.40%	14.22%	-10.68%
290567	UNITED INTER-MT-TN	390,593	402,956	343,904	436,520	3.17%	-14.65%	26.93%
442114	CENTEL OF TEXAS	297,196	325,838	330,905	345,656	9.64%	1.56%	4.46%
442154	CONTEL OF TEXAS	164,000	200,000	255,081	313,133	21.95%	27.54%	22.76%
442080	GTE SOUTHWEST INC-TX	2,183,101	2,007,848	1,968,000	2,130,029	-8.03%	-1.98%	8.23%
445216	SOUTHWESTERN BELL-TX	13,112,488	13,867,000	14,648,489	15,477,081	5.75%	5.64%	5.66%
442084	UTC OF TEXAS INC	92,894	109,398	151,037	142,887	17.77%	38.06%	-5.40%
505107	MOUNTAIN BELL-UT	1,739,118	1,953,924	2,015,982	2,099,448	12.35%	3.18%	4.14%
145115	NEW ENGLAND TEL-VT	804,307	883,987	812,407	680,965	9.91%	-8.10%	-16.18%
195040	C & P TEL CO OF VA	5,986,577	6,477,902	7,359,272	7,970,639	8.21%	13.61%	8.31%
190254	CENTEL OF VIRGINIA	452,836	536,060	615,924	699,604	18.38%	14.90%	13.59%
190233	CONTEL OF VIRGINIA	932,523	1,069,212	1,188,196	1,440,694	14.66%	11.13%	21.25%
190479	GTE SOUTH INC. - VA	55,338	70,000	69,000	66,439	26.50%	-1.43%	-3.71%
190567	UNITED INTER-MT-VA	147,000	175,524	217,592	259,333	19.40%	23.97%	19.18%
522416	GTE NORTHWEST INC-WA	855,235	1,108,000	1,241,000	1,239,564	29.56%	12.00%	-0.12%
525161	PACIFIC NW BELL-WA	4,023,872	4,322,228	4,459,493	4,831,913	7.41%	3.18%	8.35%
522400	UTC OF THE NW-WA	79,263	77,456	89,928	116,887	-2.28%	16.10%	29.98%
205050	C & P TEL CO OF WV	1,394,003	1,401,979	1,529,545	1,605,961	0.57%	9.10%	5.00%
200479	GTE SOUTH INC. - WV	161,584	190,337	187,000	187,188	17.79%	-1.75%	0.10%
330886	GTE NORTH INC. - WI	475,069	608,000	697,000	704,837	27.98%	14.64%	1.12%
335220	WISCONSIN BELL	3,403,980	3,681,895	4,084,366	4,175,520	8.16%	10.93%	2.23%
515108	MOUNTAIN BELL-WY	673,240	710,985	735,941	776,402	5.61%	3.51%	5.50%
511595	UTC OF THE WEST-WY	15,505	17,759	18,279	19,657	14.54%	2.93%	7.54%
TIER 1 COST COMPANIES		282,627,540	306,419,356	327,510,110	334,976,005	8.42%	6.88%	2.28%
250302	ALLTEL ALABAMA	N/A	N/A	26,921	34,141	N/A	N/A	26.82%
250284	BUTLER TEL CO	6,477	7,461	9,720	11,114	15.21%	30.27%	14.35%
250281	CONTEL OF THE SOUTH	127,971	119,518	131,429	196,292	-6.61%	9.97%	49.35%
250297	GROVE HILL TEL CORP	2,183	2,279	2,908	3,799	4.37%	27.61%	30.65%
250298	GULF TEL CO - AL	46,993	51,887	55,747	74,181	10.41%	7.44%	33.07%
250300	HOPPER TEL. CO INC	2,182	2,469	2,865	3,667	13.16%	16.04%	27.98%
250304	MILLRY TEL CO	12,167	7,342	9,329	10,369	-39.66%	27.07%	11.14%
250306	MONROEVILLE TEL CO	21,051	26,216	27,558	35,395	24.53%	5.12%	28.44%
250314	PEOPLES TEL CO	12,658	16,443	18,720	19,942	29.91%	13.85%	6.53%
250316	RAGLAND TEL CO	857	991	1,253	1,399	15.72%	26.42%	11.60%
250318	SOUTHLAND TEL CO-AL	17,245	18,978	21,565	38,009	10.05%	13.63%	76.26%
613000	ANCHORAGE TEL UTIL	297,498	332,942	360,892	395,031	11.91%	8.39%	9.46%
613001	ARCTIC SLOPE TEL	8,272	8,795	10,338	13,843	6.33%	17.54%	33.91%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	2,172	2,795	3,458	3,713	28.69%	23.70%	7.37%
613004	BUSH-TELL INC.	419	509	593	680	21.23%	16.54%	14.80%
613006	COPPER VALLEY TEL	7,379	8,368	18,445	11,195	13.41%	120.42%	-39.31%
613007	CORDOVA TEL COOP	3,634	4,501	6,251	5,559	23.87%	38.88%	-11.07%
613008	FAIRBANKS MUNICIPAL	N/A	68,451	75,895	85,435	N/A	10.88%	12.57%
613010	GLACIER STATE TEL CO	61,395	81,970	93,937	105,017	33.51%	14.60%	11.80%
613009	GTE ALASKA INC.	27,498	31,662	31,230	31,303	15.15%	-1.37%	0.23%
613011	INTERIOR TEL CO INC	8,248	11,315	14,930	18,341	37.17%	31.96%	22.84%
613012	JUNEAU & DOUGLAS TEL	41,887	42,514	49,425	55,233	1.50%	16.26%	11.75%
613013	KETCHIKAN PUBLIC UT	N/A	21,855	27,742	31,604	N/A	26.94%	13.92%
613015	MATANUSKA TEL ASSOC	54,539	59,614	88,983	102,725	9.31%	49.27%	15.44%
613016	MUKLUK TEL CO INC	617	756	909	838	22.53%	20.18%	-7.85%
613018	NUSHAGAK TEL COOP	2,683	3,381	3,605	3,714	26.00%	6.63%	3.03%
613019	OTZ TEL COOPERATIVE	2,013	2,995	4,269	3,669	48.76%	42.53%	-14.04%
613020	SITKA TELEPHONE CO	20,294	24,437	29,263	31,475	20.41%	19.75%	7.56%
613022	TEL UTIL OF ALASKA	8,197	12,167	14,448	14,383	48.43%	18.74%	-0.45%
613023	UNITED UTILITIES INC	N/A	3,776	4,580	5,197	N/A	21.31%	13.46%
613025	YUKON TEL CO INC	687	664	887	1,103	-3.40%	33.75%	24.34%
452171	ARIZONA TELEPHONE CO	2,722	2,893	3,685	4,648	6.30%	27.38%	26.13%
452172	CITIZENS UTILITIES	125,845	137,666	178,989	206,905	9.39%	30.02%	15.60%
452177	CONTEL OF WEST-AZ	75,433	50,286	57,804	63,877	-33.34%	14.95%	10.51%
452275	NAVAJO COMMUN-AZ	23,526	27,136	33,564	35,039	15.35%	23.69%	4.39%
452173	PAPAGO TRIBAL UTIL.	N/A	654	1,479	1,799	N/A	126.08%	21.65%
452175	UNIVERSAL TEL OF SW	1,586	1,764	1,857	2,233	11.24%	5.30%	20.23%
452176	VALLEY TEL COOP-AZ	2,213	6,035	7,073	10,464	172.64%	17.21%	47.94%
401691	ALLTEL ARKANSAS INC	107,130	127,751	141,466	141,819	19.25%	10.74%	0.25%
401692	ARKANSAS TEL CO	9,768	11,040	11,906	11,430	13.02%	7.85%	-4.00%
401697	CENTRAL ARKANSAS TEL	2,419	2,470	3,123	2,610	2.09%	26.44%	-16.42%
401705	CENTURY OF ARKANSAS	18,139	24,129	28,016	33,977	33.02%	16.11%	21.27%
401698	CLEVELAND COUNTY TEL	2,061	2,365	3,074	3,854	14.79%	29.96%	25.38%
401699	DECATUR TEL CO INC	1,773	1,623	1,886	2,086	-8.43%	16.19%	10.58%
401709	MADISON COUNTY TEL	4,342	4,564	4,949	5,380	5.13%	8.43%	8.71%
401711	MOUNTAIN HOME TEL	28,238	37,001	39,009	45,570	31.03%	5.43%	16.82%
401713	NORTH ARKANSAS TEL	9,497	11,455	11,813	13,844	20.62%	3.13%	17.19%
401717	PERCO TELEPHONE CO	N/A	N/A	3,734	4,705	N/A	N/A	26.01%
401720	REDFIELD TEL CO	1,292	1,963	2,011	2,190	51.92%	2.41%	8.90%
401702	SOUTH ARKANSAS TEL	3,480	4,152	4,688	4,895	19.30%	12.91%	4.43%
401726	TRI-COUNTY TEL CO-AR	6,533	7,899	8,980	9,472	20.91%	13.68%	5.48%
401727	UNION TEL CO INC	897	2,267	2,580	2,890	152.66%	13.82%	12.02%
401729	WALNUT HILL TEL CO	8,673	9,847	8,930	10,295	13.54%	-9.31%	15.28%
401733	YELCOT TEL CO INC	4,937	5,459	5,587	6,233	10.57%	2.36%	11.56%
401734	YELL COUNTY TEL CO	4,824	5,145	5,132	4,851	6.66%	-0.25%	-5.48%
542304	C P NATIONAL CORP-CA	12,469	14,726	14,142	17,430	18.10%	-3.97%	23.25%
542301	CALAVERAS TEL CO	975	1,713	2,332	2,350	75.62%	36.13%	0.77%
542311	CALIF-OREGON TEL CO	4,695	6,190	5,955	6,101	31.85%	-3.80%	2.46%
542308	CITIZENS UTIL OF CA	55,254	69,919	84,730	104,077	26.54%	21.18%	22.83%
542313	DUCOR TELEPHONE CO	357	465	535	796	30.21%	15.04%	48.68%
542315	EVANS TEL CO.	4,598	6,274	9,526	10,681	36.47%	51.82%	12.12%
542318	FORESTHILL TEL CO.	N/A	1,611	2,217	2,518	N/A	37.61%	13.59%
542321	HAPPY VALLEY TEL CO	N/A	2,286	2,592	2,890	N/A	13.37%	11.49%
542322	HORNITOS TEL CO	N/A	508	359	359	N/A	-29.42%	0.07%
542324	KERMAN TELEPHONE CO	3,095	2,860	3,218	3,250	-7.60%	12.53%	0.99%
542346	PINNACLES TEL CO	482	333	434	442	-30.92%	30.22%	1.94%
542334	ROSEVILLE TEL CO	53,814	67,600	78,951	143,185	25.62%	16.79%	81.36%
542338	SIERRA TELEPHONE CO	N/A	9,910	13,776	14,507	N/A	39.02%	5.31%
542332	THE PONDEROSA TEL CO	2,877	3,881	6,520	7,389	34.90%	67.98%	13.33%
542339	THE SISKIYOU TEL CO	7,230	4,530	5,773	5,636	-37.34%	27.42%	-2.36%
542343	THE VOLCANO TEL CO	4,162	6,137	8,026	7,715	47.45%	30.78%	-3.88%
542342	TUOLUMNE TEL CO	3,403	4,082	4,202	5,881	19.95%	2.93%	39.95%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	5,054	5,703	N/A	N/A	12.83%
462192	BIG SANDY TELCOMM	1,198	922	1,188	1,412	-23.05%	28.84%	18.87%
462181	BIJOU TEL COOP ASSOC	1,083	1,670	1,884	2,261	54.28%	12.82%	19.96%
462182	BLANCA TEL CO	926	595	637	1,454	-35.76%	7.07%	128.25%
462204	COLUMBINE TEL CO	1,891	1,622	1,272	1,410	-14.22%	-21.57%	10.88%
462184	DELTA COUNTY TEL CO	9,805	11,673	13,926	18,448	19.05%	19.30%	32.47%
462185	EAGLE TELECOMM INC	9,789	15,708	19,980	26,685	60.46%	27.19%	33.56%
462186	EASTERN SLOPE RURAL	7,271	5,590	8,227	9,481	-23.11%	47.17%	15.24%
462187	EL PASO COUNTY TEL	3,809	3,742	4,610	5,530	-1.76%	23.20%	19.96%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	INTERSTATE DIAL EQUIPMENT MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	509	406	518	944	-20.30%	27.55%	82.35%
462190	HAXTUN TEL CO	1,931	2,093	2,283	1,760	8.38%	9.05%	-22.89%
462193	NUCLA-NATURITA TEL	2,435	1,921	1,995	2,221	-21.10%	3.84%	11.36%
462194	NUNN TEL CO	584	552	565	664	-5.44%	2.32%	17.44%
462196	PEETZ COOP TEL CO	514	507	571	642	-1.40%	12.60%	12.51%
462199	PLAINS COOP TEL ASSN	1,828	2,043	2,735	2,905	11.74%	33.86%	6.22%
462203	RYE TELEPHONE CO	2,267	2,634	2,764	3,632	16.23%	4.92%	31.42%
462207	STRASBURG TEL CO	1,348	1,375	1,860	2,265	1.99%	35.27%	21.77%
461835	SUNFLOWER TEL - CO	838	866	923	954	3.38%	6.57%	3.36%
462208	UNIVERSAL TEL-CO	10,549	10,839	14,490	16,741	2.74%	33.69%	15.53%
462209	WIGGINS TEL ASSOC	1,513	1,352	1,979	2,681	-10.64%	46.42%	35.45%
210336	ALLTEL FLORIDA INC.	66,731	75,944	96,260	143,791	13.81%	26.75%	49.38%
210291	FLORALA TEL CO	4,427	2,175	2,231	3,124	-50.87%	2.58%	40.04%
210329	GULF TEL CO	22,070	14,813	17,448	15,376	-32.88%	17.79%	-11.88%
210331	INDIANTOWN SYSTEM	3,854	5,710	4,838	5,004	48.15%	-15.27%	3.43%
210335	NORTHEAST FLORIDA	6,633	10,427	8,923	6,589	57.21%	-14.42%	-26.16%
210338	QUINCY TEL CO-FL DIV	12,139	17,307	19,524	21,271	42.58%	12.81%	8.94%
210318	SOUTHLAND TEL-FL	4,044	4,602	6,746	12,299	13.80%	46.59%	82.32%
210339	ST JOSEPH TEL & TEL	56,045	31,796	39,898	44,967	-43.27%	25.48%	12.71%
210330	VISTA-UNITED TELCOM	70,910	66,916	73,418	82,485	-5.63%	9.72%	12.35%
220357	ALLTEL GEORGIA INC.	N/A	N/A	73,235	81,694	N/A	N/A	11.55%
220344	ALMA TEL CO	5,306	5,889	6,792	6,792	10.99%	15.34%	0.00%
220347	BRANTLEY TEL CO	3,461	3,520	4,424	5,496	1.70%	25.70%	24.22%
220351	CAMDEN TEL & TEL CO	31,497	37,639	48,213	58,062	19.50%	28.10%	20.43%
220355	CITIZENS TEL CO - GA	4,307	4,473	4,750	4,962	3.86%	6.20%	4.46%
220356	COASTAL UTILITIES	73,018	83,375	98,806	116,920	14.18%	18.51%	18.33%
220281	CONTEL OF SOUTH - GA	75,035	89,384	98,021	146,259	19.12%	9.66%	49.21%
220358	DARIEN TEL CO	5,030	5,076	4,912	5,517	0.91%	-3.23%	12.32%
220360	ELLIJAY TEL CO	5,702	6,448	9,462	9,638	13.08%	46.74%	1.86%
220371	INTERSTATE TEL CO	19,675	22,287	26,625	30,179	13.28%	19.46%	13.35%
220377	PINELAND TEL COOP	8,033	9,224	10,232	11,343	14.83%	10.93%	10.86%
220379	PLANT TEL. CO.	7,577	8,061	10,316	12,776	6.39%	27.97%	23.84%
220381	PUBLIC SERVICE TEL	7,590	9,440	10,588	11,221	24.37%	12.16%	5.97%
220338	QUINCY TEL CO-GA DIV	1,698	1,917	2,119	2,663	12.86%	10.53%	25.68%
220386	STANDARD TEL CO	47,533	60,211	73,954	61,234	26.67%	22.82%	-17.20%
220392	WAVERLY HALL TEL CO	977	1,248	1,467	1,881	27.73%	17.53%	28.22%
220394	WILKES TEL & ELC CO	11,640	13,122	17,471	17,635	12.73%	33.14%	0.94%
472213	ALBION TEL CO INC	1,902	2,024	2,092	2,600	6.41%	3.37%	24.32%
472215	CAMBRIDGE TEL CO	1,155	1,195	1,804	2,081	3.47%	50.96%	15.35%
472225	CENTURY TEL OF IDAHO	4,345	8,458	9,497	11,436	94.63%	12.29%	20.41%
472177	CONTEL OF WEST-ID	50,617	25,616	29,073	30,045	-49.39%	13.49%	3.34%
472218	CUSTER TEL COOP	2,841	3,233	3,530	4,358	13.77%	9.21%	23.44%
472223	GEM STATE UTIL-ID	1,741	2,084	2,500	2,919	19.68%	19.95%	16.75%
472423	INLAND TEL-ID	456	492	561	579	7.76%	14.08%	3.28%
472226	MIDVALE TEL EXCH INC	318	401	469	622	26.13%	16.82%	32.70%
472231	PROJECT MUTUAL TEL	9,244	11,183	11,815	16,903	20.97%	5.65%	43.07%
472232	ROCKLAND TEL CO INC	390	522	632	645	33.91%	21.17%	2.07%
472233	RURAL TEL CO - ID	292	290	368	351	-0.68%	26.90%	-4.62%
472295	SILVER STAR TEL- ID	644	786	856	1,020	21.95%	8.87%	19.19%
472234	TROY TELEPHONE CO	1,415	1,644	1,687	2,881	16.23%	2.61%	70.75%
341000	ALLTEL ILLINOIS INC.	82,032	80,247	86,759	99,039	-2.18%	8.11%	14.15%
341036	CONTEL OF ILLINOIS	258,011	262,442	301,288	357,238	1.72%	14.80%	18.57%
341004	EL PASO TEL CO	1,733	2,142	2,445	3,079	23.59%	14.17%	25.90%
341023	GRIDLEY TEL CO	1,546	1,464	1,378	1,607	-5.28%	-5.88%	16.55%
341037	IL CONSOLIDATED TEL	107,990	118,603	130,318	182,073	9.83%	9.88%	39.71%
341038	INLAND TEL CO	4,005	4,359	5,006	6,571	8.84%	14.84%	31.26%
341045	LEAF RIVER VLY TEL	467	571	978	830	22.45%	71.26%	-15.12%
341055	MIDLAND TEL CO	3,646	3,810	4,119	5,495	4.49%	8.12%	33.40%
341060	MOULTRIE INDEPENDENT	532	562	716	771	5.57%	27.34%	7.76%
320753	CLAY CTY RURAL COOP	6,522	9,231	9,426	12,849	41.54%	2.11%	36.32%
320776	COMM CORP OF INDIANA	N/A	10,755	20,937	23,002	N/A	94.68%	9.86%
320779	CONTEL OF INDIANA	220,385	273,282	326,963	439,366	24.00%	19.64%	34.38%
320797	NEW PARIS TEL INC	2,373	3,055	3,640	4,497	28.72%	19.18%	23.53%
320800	NORTHWESTERN INDIANA	14,524	17,103	21,426	20,578	17.76%	25.28%	-3.96%
351346	ACE TEL ASSN-IA	3,222	4,785	6,502	10,316	48.51%	35.88%	58.65%
351105	AYRSHIRE FARMERS MUT	317	389	586	503	22.83%	50.67%	-14.16%
351110	BERNARD TEL CO INC	402	602	731	890	49.85%	21.41%	21.81%
351127	CENTEL OF IOWA	N/A	99,291	104,310	110,677	N/A	5.05%	6.10%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	8,817	10,747	11,994	12,343	21.88%	11.60%	2.91%
351229	LOST NATION-ELWOOD	493	738	850	2,165	49.73%	15.11%	154.77%
351316	UNITED FARMERS TEL	N/A	1,730	1,831	2,168	N/A	5.81%	18.40%
351327	WEBB-DICKENS TEL	579	705	829	730	21.72%	17.63%	-11.92%
411741	ASSARIA TEL EXCHANGE	796	925	1,033	1,555	16.22%	11.60%	50.56%
411746	BLUE VALLEY TEL CO	3,016	3,295	3,295	2,617	9.27%	-0.02%	-20.57%
411818	CRAW-KAN TEL COOP	17,470	19,569	21,368	24,487	12.01%	9.20%	14.60%
411761	CUNNINGHAM TEL CO	1,723	1,700	1,904	2,305	-1.33%	12.05%	21.05%
411764	ELKHART TEL CO INC	3,715	3,971	4,300	4,859	6.89%	8.30%	12.99%
411781	H & B COMMUNICATIONS	1,194	1,267	1,264	1,504	6.07%	-0.22%	19.01%
411782	HOME TEL CO	1,480	1,600	1,721	1,318	8.08%	7.56%	-23.40%
411785	J. B. N. TEL CO INC	2,961	3,526	2,694	3,090	19.09%	-23.60%	14.68%
411788	KANOKLA TEL ASSN-KS	3,149	3,528	3,322	2,929	12.02%	-5.83%	-11.84%
411801	MADISON TEL CO INC	753	971	992	1,031	29.05%	2.14%	3.89%
411807	MOKAN DIAL INC-KS	3,669	4,121	4,367	4,369	12.34%	5.97%	0.04%
411808	MOUNDRIDGE TEL CO	3,978	4,824	3,496	3,815	21.28%	-27.54%	9.15%
411814	PEOPLES MUTUAL TEL	1,834	2,124	1,940	2,386	15.82%	-8.69%	22.98%
411817	PIONEER TEL ASSN INC	N/A	24,406	25,189	31,921	N/A	3.21%	26.73%
411826	RURAL TEL SERVICE CO	7,882	8,160	9,151	10,239	3.52%	12.15%	11.90%
411827	S & T TEL COOP ASSN	2,738	2,610	2,944	3,107	-4.67%	12.78%	5.55%
411831	S. CENTRAL TEL - KS	1,545	1,406	1,455	1,539	-9.01%	3.52%	5.72%
411835	SUNFLOWER TEL CO	7,360	8,096	8,579	9,170	10.01%	5.95%	6.89%
412030	TOTAH TELEPHONE CO	2,433	2,444	2,668	3,342	0.47%	9.15%	25.24%
411840	TWIN VALLEY TEL INC	2,341	2,403	2,136	2,995	2.64%	-11.09%	40.23%
411841	UNITED TEL ASSN	7,962	8,184	8,551	10,768	2.78%	4.48%	25.94%
411847	WHEAT STATE TEL, INC	2,379	2,648	2,998	3,571	11.34%	13.19%	19.12%
411849	WILSON TEL CO INC	2,268	2,340	3,055	3,325	3.18%	30.54%	8.84%
411852	ZENDA TEL COMPANY	218	214	205	251	-1.56%	-4.27%	22.43%
260410	CONTEL OF KENTUCKY	103,401	110,509	133,104	160,074	6.87%	20.45%	20.26%
270431	CADDOAN TEL CO	14,517	19,414	24,737	29,215	33.74%	27.42%	18.10%
270425	CAMERON TEL CO - LA	8,381	13,857	18,366	21,020	65.34%	32.55%	14.45%
270423	CENTRAL LOUISIANA	17,086	22,595	32,076	32,172	32.24%	41.96%	0.30%
270436	CENTURY NORTH LA	13,060	14,960	14,182	15,216	14.55%	-5.20%	7.29%
270440	CENTURY TEL CO	2,579	3,307	4,551	5,439	28.23%	37.63%	19.51%
270424	COASTAL TEL & ELEC	9,943	12,046	18,101	19,964	21.15%	50.27%	10.29%
270429	EAST ASCENSION TEL	28,517	39,242	40,850	39,670	37.61%	4.10%	-2.89%
270430	ELIZABETH TEL CO	2,645	3,249	3,938	4,265	22.82%	21.21%	8.31%
270434	EVANGELINE TEL CO	24,657	36,935	49,987	58,527	49.80%	35.34%	17.09%
270433	LAFOURCHE TEL CO	9,829	10,964	11,508	16,571	11.55%	4.97%	43.99%
270442	LOUISIANA WESTERN	4,515	6,389	8,330	9,435	41.51%	30.38%	13.26%
270435	NORTHEAST LOUISIANA	1,357	1,604	1,985	2,209	18.25%	23.74%	11.25%
270438	RESERVE TEL CO	N/A	N/A	5,336	9,865	N/A	N/A	84.87%
100004	CHINA TEL CORP	N/A	3,759	4,198	4,836	N/A	11.67%	15.19%
100014	CONTEL OF MAINE	59,159	68,635	73,731	77,578	16.02%	7.42%	5.22%
100010	HAMPDEN TEL CO	N/A	3,066	3,662	4,475	N/A	19.44%	22.18%
100011	HARTLAND & ST ALBANS	2,607	3,458	4,056	4,426	32.66%	17.29%	9.10%
100003	LINCOLNVILLE TEL CO	2,074	2,472	2,880	3,691	19.21%	16.47%	28.17%
100024	SOMERSET TEL CO	11,265	12,171	13,245	14,957	8.04%	8.83%	12.93%
100025	STANDISH TEL CO	N/A	9,959	12,480	13,986	N/A	25.31%	12.07%
100027	UNION RIVER TEL CO	770	1,369	1,065	1,493	77.76%	-22.19%	40.15%
100029	UNITY TEL CO., INC.	N/A	4,479	5,682	7,093	N/A	26.87%	24.82%
100031	WARREN TEL CO	1,691	1,683	2,128	2,572	-0.52%	26.48%	20.87%
100034	WEST PENOBSCOT TEL	1,582	1,792	2,209	2,406	13.26%	23.29%	8.91%
310704	ACE TEL OF MICHIGAN	1,774	2,171	2,391	2,789	22.40%	10.12%	16.65%
310681	ALLTEL MICHIGAN INC.	56,281	62,881	72,922	79,234	11.73%	15.97%	8.65%
310679	BLOOMINGDALE TEL CO	1,526	1,839	2,176	2,548	20.49%	18.34%	17.11%
310682	C, C & S TELCO - MI	21,500	23,025	23,127	27,021	7.09%	0.44%	16.84%
310683	CARR TEL CO	466	873	1,129	1,307	87.24%	29.34%	15.77%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	29,841	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	28,083	40,285	47,582	61,046	43.45%	18.11%	28.30%
310685	CHATHAM TEL CO - MI	2,118	2,457	2,723	3,036	16.03%	10.79%	11.50%
310680	CHIPPEWA COUNTY TEL	781	934	1,070	1,151	19.56%	14.61%	7.54%
310713	HIAAWATHA TEL CO	3,842	4,831	6,063	7,500	25.73%	25.50%	23.71%
310711	MIDWAY TEL CO	811	840	913	1,054	3.50%	8.70%	15.45%
310714	OGDEN TEL CO	N/A	613	849	961	N/A	38.38%	13.24%
310717	ONTONAGON COUNTY TEL	4,866	5,629	6,237	7,083	15.68%	10.79%	13.56%
310721	PIGEON TEL CO	2,019	2,458	2,126	2,464	21.75%	-13.52%	15.91%
310728	SPRINGPORT TEL CO	1,016	1,176	1,201	2,708	15.75%	2.12%	125.38%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
	1987	1988	1989	1990	1988	1989	1990
310732 UPPER PENINSULA TEL	4,992	6,125	6,948	7,512	22.69%	13.43%	8.13%
310737 WINN TEL CO	N/A	1,074	1,323	1,066	N/A	23.27%	-19.46%
310738 WOLVERINE TEL CO	5,570	6,539	6,665	8,305	17.41%	1.92%	24.60%
361346 ACE TEL ASSN-MN	12,375	29,346	30,686	30,056	137.15%	4.56%	-2.05%
361374 ARROWHEAD COMM CORP	379	623	682	1,076	64.48%	9.46%	57.91%
361350 ARVIG TEL CO	7,013	13,208	14,148	9,223	88.34%	7.11%	-34.81%
361370 CLARA CITY TEL EXCH	1,368	1,248	1,955	2,281	-8.81%	56.70%	16.66%
361140 CONTEL MN DBA GTE MN	104,578	137,184	152,929	179,289	31.18%	11.48%	17.24%
361385 EAST OTTER TAIL TEL	11,606	21,422	27,397	45,219	84.58%	27.89%	65.05%
361395 GARDEN VALLEY TEL CO	13,263	15,260	16,283	17,871	15.06%	6.70%	9.75%
361410 JOHNSON TEL CO	1,056	1,363	1,549	1,850	29.15%	13.65%	19.39%
361414 LAKEDALE TEL CO	7,022	7,811	8,304	12,441	11.24%	6.31%	49.81%
361433 MID STATE TEL CO	4,713	5,055	5,253	8,315	7.27%	3.91%	58.27%
361442 NEW ULM TELECOM, INC	12,188	13,704	13,608	18,868	12.44%	-0.70%	38.65%
361451 PAUL BUNYAN RURAL	5,754	5,861	7,523	9,578	1.86%	28.36%	27.31%
361483 SLEEPY EYE TEL CO	4,511	5,726	6,215	6,543	26.93%	8.54%	5.27%
361491 TWIN VALLEY-ULEN TEL	2,983	3,388	4,502	7,215	13.56%	32.89%	60.27%
280453 ALLTEL MISSISSIPPI	N/A	N/A	12,078	13,451	N/A	N/A	11.37%
280446 BAY SPRINGS TEL CO	9,714	10,218	11,346	10,994	5.19%	11.04%	-3.10%
280452 DELTA TEL CO	3,429	3,912	5,854	5,854	14.09%	49.66%	0.00%
280454 FRANKLIN TEL CO - MS	8,490	8,565	9,755	10,489	0.88%	13.90%	7.52%
280458 HOME TEL CO-OLIVE BR	N/A	31,224	43,451	67,352	N/A	39.16%	55.00%
280461 SOUTHEAST MS TEL CO	2,631	5,133	6,931	7,804	95.09%	35.04%	12.59%
421885 ALLTEL MISSOURI	34,034	36,998	43,120	51,075	8.71%	16.55%	18.45%
421865 CITIZENS TEL CO - MO	4,678	4,697	4,207	4,285	0.40%	-10.42%	1.85%
421922 CONTEL OF MISSOURI	237,152	332,610	363,370	380,311	40.25%	9.25%	4.66%
421846 CONTINENTAL SYS. -MO	57,201	60,482	72,382	81,881	5.74%	19.68%	13.12%
421873 EASTERN MISSOURI TEL	2,346	2,800	3,574	5,837	19.32%	27.66%	63.34%
421882 FIDELITY TEL CO	12,044	12,092	13,089	14,930	0.39%	8.24%	14.07%
421886 GOODMAN TEL CO	2,771	2,964	3,110	3,682	6.97%	4.93%	18.39%
421888 GRAND RIVER MUT-MO	14,057	14,922	18,583	21,007	6.16%	24.53%	13.05%
421929 HOLWAY TEL CO	612	539	539	901	-11.89%	0.00%	67.09%
421901 KINGDOM TELEPHONE	3,359	3,609	5,782	5,446	7.44%	60.21%	-5.81%
421908 LE-RU TELEPHONE CO	2,276	2,506	2,611	3,006	10.09%	4.20%	15.12%
421904 MISSOURI TEL CO	19,825	21,870	27,351	34,545	10.32%	25.06%	26.30%
421807 MOKAN DIAL INC-MO	758	1,235	1,107	1,320	62.93%	-10.34%	19.30%
421931 NE MISSOURI RURAL	4,758	5,641	6,070	6,340	18.56%	7.61%	4.45%
421934 ORCHARD FARM TEL CO	557	656	983	1,082	17.75%	49.81%	10.02%
421951 STOUTLAND TEL CO	914	988	1,283	1,536	8.03%	29.88%	19.71%
482235 BLACKFOOT TEL COOP	8,602	9,847	10,109	14,892	14.47%	2.67%	47.31%
482241 HOT SPRINGS TEL CO	N/A	843	704	841	N/A	-16.47%	19.40%
482242 INTERBEL TEL COOP	1,715	1,843	2,652	2,907	7.42%	43.91%	9.62%
482244 LINCOLN TEL CO INC	805	978	1,176	1,202	21.44%	20.28%	2.20%
482246 MID-RIVERS TEL COOP	8,776	9,349	9,676	12,021	6.53%	3.50%	24.23%
482247 NEMONT TEL COOP-MT	4,163	5,063	4,964	5,730	21.62%	-1.96%	15.45%
482248 NORTHERN TEL COOP	2,760	3,342	3,593	2,785	21.05%	7.51%	-22.48%
482249 NW TEL SYSTEMS, INC.	81,996	83,376	101,558	111,333	1.68%	21.81%	9.63%
482250 PROJECT TEL CO	3,931	5,151	6,390	8,411	31.04%	24.05%	31.63%
482251 RANGE TEL COOP-MT	5,433	5,950	6,471	9,303	9.51%	8.76%	43.76%
482254 SOUTHERN MONTANA TEL	1,413	1,534	1,578	1,868	8.57%	2.90%	18.36%
482257 TRIANGLE TEL COOP	11,455	11,787	12,762	17,830	2.90%	8.28%	39.71%
482258 VALLEY RURAL TEL	782	915	1,026	1,460	17.08%	12.09%	42.30%
482255 3-RIVERS TEL COOP	12,397	13,774	17,525	21,669	11.10%	27.24%	23.65%
371516 ARAPAHOE TEL CO	1,008	1,283	1,452	1,904	27.31%	13.13%	31.14%
371517 ARLINGTON TEL CO	1,221	1,537	1,440	1,765	25.88%	-6.35%	22.62%
372455 BENKELMAN TEL CO	N/A	2,001	2,065	2,536	N/A	3.17%	22.81%
371524 BLAIR TEL CO	9,018	11,500	12,550	16,382	27.52%	9.12%	30.53%
371526 CAMBRIDGE TEL CO -NE	N/A	1,483	1,793	1,950	N/A	20.92%	8.74%
371531 CLARKS TEL CO	912	981	1,281	1,377	7.53%	30.58%	7.51%
371534 COZAD TEL CO	2,844	3,922	4,399	5,239	37.90%	12.15%	19.09%
371536 CURTIS TEL CO	915	1,028	1,091	1,254	12.36%	6.09%	14.90%
371537 DALTON TEL CO, INC	2,564	2,588	2,622	2,966	0.95%	1.32%	13.13%
371540 DILLER TEL CO	906	1,007	1,080	1,235	11.18%	7.27%	14.32%
371542 EASTERN NEBRASKA TEL	3,811	4,264	4,730	5,690	11.89%	10.93%	20.30%
371577 GREAT PLAINS COMMUN	37,472	41,012	40,287	45,897	9.45%	-1.77%	13.93%
371557 HARTMAN TEL EXCH INC	1,023	1,220	1,283	1,472	19.28%	5.09%	14.73%
371558 HEMINGFORD COOP TEL	1,018	1,444	1,668	1,888	41.90%	15.52%	13.18%
371567 KEYSTONE-ARTHUR TEL	567	658	770	869	15.92%	17.05%	12.88%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	6,978	7,412	8,984	9,255	6.23%	21.20%	3.02%
371580	PETERSBURG TEL CO	268	348	415	513	29.74%	19.38%	23.62%
371586	ROCK COUNTY TEL CO	1,367	1,764	1,620	1,861	29.06%	-8.18%	14.89%
371591	SE NEBRASKA TEL CO	N/A	8,191	11,912	20,972	N/A	45.44%	76.05%
371592	STANTON TEL CO, INC	995	2,129	2,385	2,757	114.00%	12.00%	15.61%
371525	THREE RIVER TELCO	1,642	1,873	2,321	2,521	14.09%	23.91%	8.61%
371597	WAUNETA TEL CO	920	1,109	1,167	1,398	20.47%	5.25%	19.85%
552284	BEEHIVE TEL CO - NV	N/A	264	441	467	N/A	67.52%	5.85%
552349	CHURCHILL COUNTY TEL	20,956	26,006	29,608	33,135	24.10%	13.85%	11.91%
552304	CP NATIONAL-NV	33,600	48,514	57,334	67,905	44.39%	18.18%	18.44%
552223	GEM STATE UTIL-NV	661	1,019	1,309	1,383	54.07%	28.47%	5.67%
552351	LINCOLN CTY TEL SYS	3,320	3,659	4,236	4,862	10.21%	15.76%	14.78%
552353	MOAPA VALLEY TEL CO.	4,307	5,632	5,717	8,075	30.77%	1.50%	41.26%
552354	NEVADA TEL-TELEGRAPH	7,800	9,012	10,819	11,285	15.54%	20.05%	4.30%
552356	RIO VIRGIN TEL CO	4,126	5,262	5,886	6,902	27.55%	11.84%	17.27%
552233	RURAL TEL CO - NV	341	1,416	1,998	1,880	315.36%	41.12%	-5.90%
120038	BRETTON WOODS TEL CO	624	701	949	975	12.39%	35.28%	2.74%
120040	CHICHESTER TEL CO	N/A	2,137	2,004	3,118	N/A	-6.23%	55.55%
120041	CONTEL OF NH	25,008	29,071	31,231	33,049	16.25%	7.43%	5.82%
120039	GRANITE STATE TEL	16,043	17,584	21,271	23,384	9.61%	20.97%	9.94%
120045	KEARSARGE TEL CO	13,321	15,135	17,566	20,176	13.61%	16.06%	14.86%
120046	MERIDEN TEL CO	1,514	1,857	1,969	2,129	22.64%	6.04%	8.13%
120047	MERRIMAK COUNTY TEL	14,920	17,849	21,749	17,556	19.63%	21.85%	-19.28%
120049	UNION TEL CO	8,330	11,734	13,393	13,209	40.86%	14.14%	-1.38%
120050	WILTON TEL CO - NH	6,619	12,280	9,800	8,739	85.53%	-20.19%	-10.83%
160135	WARWICK VALLEY-NJ	16,045	17,925	20,572	22,970	11.71%	14.77%	11.66%
492259	BACA VALLEY TEL CO	1,166	1,270	1,455	1,715	8.93%	14.50%	17.93%
492177	CONTEL OF WEST - NM	73,794	50,576	61,254	73,914	-31.46%	21.11%	20.67%
492066	DELL TEL CO-OP - NM	540	550	763	699	1.85%	38.71%	-8.37%
492262	ENMR TEL COOP INC-NM	18,768	16,143	35,197	33,263	-13.99%	118.04%	-5.50%
492263	LA JICARITA RURAL	1,687	1,797	2,162	2,128	6.48%	20.34%	-1.59%
492264	LEACO RURAL TEL COOP	2,297	2,227	2,375	2,684	-3.03%	6.63%	13.03%
492275	NAVAJO COMMUN - NM	8,713	9,246	11,227	11,074	6.12%	21.42%	-1.36%
492270	NAVASCO VALLEY TEL	3,437	4,031	4,184	3,736	17.28%	3.80%	-10.71%
492272	ROOSEVELT CNTY RURAL	3,187	3,226	3,789	4,167	1.22%	17.46%	9.98%
492274	UNIVERSAL TEL OF SW	5,487	6,390	7,474	8,376	16.47%	16.95%	12.07%
492176	VALLEY TEL COOP - NM	3,177	3,797	4,462	5,364	19.50%	17.52%	20.21%
492268	WESTERN NEW MEXICO	9,584	8,682	12,177	14,417	-9.41%	40.25%	18.40%
150106	ALLTEL NY-FULTON	13,547	59,715	81,557	89,177	340.80%	36.58%	9.34%
150109	ALLTEL NY-JAMESTOWN	21,843	97,274	110,457	113,043	345.34%	13.55%	2.34%
150113	ALLTEL NY-RED JACKET	578	2,259	2,971	4,825	290.98%	31.53%	62.40%
150072	AU SABLE VALLEY TEL	6,109	8,457	9,839	11,908	38.44%	16.33%	21.04%
150077	CHAMPLAIN TEL CO	8,997	11,591	12,992	14,766	28.82%	12.09%	13.65%
150078	CHAUTAUQUA & ERIE	17,410	18,453	22,766	23,149	5.99%	23.37%	1.68%
150081	CITIZENS HAMMOND NY	1,123	805	1,007	1,160	-28.32%	25.06%	15.20%
150085	CROWN POINT TEL CORP	1,062	1,040	1,360	1,602	-2.06%	30.83%	17.80%
150091	DUNKIRK & FREDONIA	8,377	9,857	10,695	12,418	17.66%	8.51%	16.11%
150092	EDWARDS TEL CO	1,345	1,580	1,495	1,825	17.47%	-5.42%	22.12%
150093	EMPIRE TEL CORP	8,300	9,063	11,163	13,266	9.19%	23.17%	18.83%
150097	GERMANTOWN TEL CO	2,913	3,046	3,240	3,838	4.56%	6.37%	18.47%
150099	HANCOCK TEL CO	2,436	2,669	2,840	2,999	9.57%	6.39%	5.61%
150100	HIGHLAND TEL CO	150,113	168,590	193,648	232,808	12.31%	14.86%	20.22%
150105	MIDDLEBURGH TEL CO	4,858	6,023	6,697	7,300	23.98%	11.19%	9.00%
150108	NICHOLVILLE TEL CO	2,273	2,016	2,146	2,472	-11.32%	6.47%	15.21%
150110	OGDEN TEL CO	18,224	23,390	29,131	32,751	28.35%	24.54%	12.43%
150116	PATTERSONVILLE TEL	N/A	1,860	3,003	3,682	N/A	61.46%	22.64%
150122	SENECA-GORHAM TEL	8,642	10,132	13,425	14,688	17.24%	32.50%	9.41%
150128	SYLVAN LAKE TEL CO	33,461	40,775	47,607	54,836	21.86%	16.75%	15.18%
150084	TACONIC TEL CORP	31,842	38,335	38,144	41,831	20.39%	-0.50%	9.67%
150133	VERNON TEL CO	2,580	3,000	3,963	4,858	16.28%	32.11%	22.60%
150135	WARWICK VALLEY-NY	27,516	30,491	34,244	36,324	10.81%	12.31%	6.07%
230476	ALLTEL CAROLINA-NO	152,775	191,382	221,105	299,908	25.27%	15.53%	35.64%
230468	ATLANTIC MEMBERSHIP	22,585	25,596	29,518	36,153	13.34%	15.32%	22.48%
230469	BARNARDSVILLE TEL CO	681	1,218	1,305	1,353	78.86%	7.15%	3.64%
230473	CITIZENS TEL CO	23,838	29,488	35,690	34,357	23.70%	21.03%	-3.73%
230474	CONCORD TEL CO	95,793	98,528	128,104	132,652	2.85%	30.02%	3.55%
230509	CONTEL OF NC	162,368	177,587	196,357	252,058	9.37%	10.57%	28.37%
230481	HEINS TEL CO	35,215	46,798	39,576	51,889	32.89%	-15.43%	31.11%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	12,276	13,618	17,723	21,676	10.93%	30.14%	22.31%
230510	WILKES MEMBERSHIP	4,825	5,549	6,147	6,362	15.01%	10.76%	3.51%
381607	CONSOLIDATED COOP	6,039	5,894	7,020	7,978	-2.41%	19.12%	13.64%
381447	CONTEL ND DBA GTE ND	15,136	14,669	16,159	17,746	-3.08%	10.16%	9.82%
381616	INTER-COMMUNITY TEL	1,716	1,799	1,916	2,220	4.87%	6.48%	15.85%
381617	MIDSTATE TEL CO	2,468	2,771	3,259	4,237	12.31%	17.59%	30.03%
381630	POLAR COMM MUT AID	12,559	14,541	16,446	21,914	15.79%	13.10%	33.25%
381632	RESERVATION TEL COOP	6,079	7,192	7,352	8,082	18.31%	2.22%	9.92%
381634	SOURIS RIVER TELECOM	27,816	30,086	34,741	38,005	8.16%	15.47%	9.39%
381637	W. RIVER TELECOM.	14,747	15,228	15,626	19,049	3.26%	2.62%	21.91%
300665	ALLTEL OHIO-WEST OH	20,223	27,646	30,004	36,614	36.71%	8.53%	22.03%
300682	C, C & S TELCO -OHIO	768	936	939	891	21.89%	0.34%	-5.12%
300607	CONTINENTAL OF OHIO	143	2,077	2,526	2,991	1347.93%	21.62%	18.42%
300613	LITTLE MIAMI COMM.	1,048	3,881	3,011	3,569	270.50%	-22.42%	18.53%
300597	THE CHILLICOTHE TEL	31,312	29,491	30,757	32,194	-5.82%	4.29%	4.67%
431965	ALLTEL OKLAHOMA INC	17,197	18,980	21,548	23,090	10.37%	13.53%	7.16%
431966	ATLAS TEL CO	N/A	3,703	3,608	4,210	N/A	-2.57%	16.69%
431974	CANADIAN VALLEY TEL	973	1,020	1,213	1,277	4.82%	18.97%	5.30%
431976	CARNEGIE TEL CO INC	2,006	2,052	2,066	2,272	2.28%	0.66%	9.99%
431979	CHEROKEE TEL CO	10,711	11,713	12,207	12,784	9.36%	4.21%	4.73%
431980	CHICKASAW TEL CO	8,986	9,576	13,545	14,779	6.57%	41.44%	9.11%
431981	CHOUTEAU TEL CO	3,338	3,545	4,784	4,518	6.22%	34.93%	-5.56%
431985	CROSS TEL CO	8,558	10,329	11,880	13,313	20.70%	15.01%	12.07%
431988	DOBSON TEL CO	6,052	6,445	6,917	7,692	6.49%	7.32%	11.21%
431994	GRAND TEL CO INC	3,895	4,065	4,153	4,917	4.37%	2.17%	18.39%
431995	HINTON TEL CO	3,442	3,742	3,948	4,557	8.73%	5.50%	15.43%
431788	KANOKLA TEL ASSN-OK	2,252	2,560	2,463	2,576	13.66%	-3.78%	4.61%
432006	MCLLOUD TEL CO	6,778	10,092	10,053	12,180	48.89%	-0.39%	21.15%
432011	OKLAHOMA ALLTEL, INC	21,743	23,567	27,029	30,022	8.39%	14.69%	11.07%
431984	OKLAHOMA COMM SYSTEM	17,835	20,838	22,907	24,601	16.84%	9.93%	7.40%
432013	OKLAHOMA TEL & TEL	2,299	2,140	2,333	2,768	-6.92%	9.04%	18.63%
432014	OKLAHOMA WESTERN TEL	3,563	3,963	4,192	4,632	11.24%	5.77%	10.49%
432016	PANHANDLE TEL COOP	12,732	14,271	14,976	15,922	12.09%	4.94%	6.32%
432018	PIONEER TEL COOP INC	41,735	43,309	45,590	59,155	3.77%	5.27%	29.75%
432020	POTTAWATOMIE TEL CO	2,097	2,220	2,535	3,035	5.90%	14.18%	19.71%
431831	S. CENTRAL TEL - OK	813	919	976	964	13.10%	6.18%	-1.22%
432030	TOTAH TELEPHONE CO	2,736	3,158	3,365	4,102	15.42%	6.56%	21.88%
432032	VALLIANT TEL CO	2,993	3,140	4,123	4,006	4.92%	31.29%	-2.82%
432034	WYANDOTTE TEL CO	N/A	1,143	1,472	1,580	N/A	28.79%	7.33%
532404	ASOTIN TEL - OR	185	221	252	294	19.06%	14.26%	16.75%
532359	BEAVER CREEK COOP	5,117	5,148	5,788	6,697	0.61%	12.43%	15.71%
532304	C P NATIONAL CORP-OR	19,970	17,854	17,824	22,759	-10.59%	-0.17%	27.69%
532362	CANBY TEL ASSN	9,108	10,180	17,489	22,059	11.77%	71.79%	26.13%
532371	CASCADE UTIL INC	9,325	11,113	12,987	16,064	19.18%	16.86%	23.70%
532363	CLEAR CREEK MUTUAL	4,269	5,028	6,437	6,623	17.78%	28.03%	2.90%
532364	COLTON TEL CO	1,337	1,659	1,929	2,223	24.15%	16.27%	15.23%
532449	CONTEL OF THE NW- OR	66,278	36,882	41,455	50,231	-44.35%	12.40%	21.17%
532376	HELIX TEL CO.	368	319	539	623	-13.40%	68.99%	15.51%
532377	HOME TELEPHONE CO	545	597	599	1,030	9.55%	0.22%	72.05%
532456	MALHEUR HOME TEL CO	31,788	34,830	36,250	37,776	9.57%	4.08%	4.21%
532226	MIDVALE TEL EXCH -OR	382	334	497	424	-12.59%	48.75%	-14.61%
532383	MOLALLA TEL CO.	5,097	5,422	7,693	10,537	6.37%	41.89%	36.98%
532385	MONROE TELEPHONE CO.	747	900	1,246	1,411	20.48%	38.47%	13.26%
532387	NEHALEM TEL & TEL	1,695	1,982	2,796	4,050	16.93%	41.04%	44.86%
532388	NORTH STATE TEL CO.	506	714	813	1,306	41.10%	13.89%	60.63%
532389	OREGON TEL CORP	2,053	2,598	3,092	4,185	26.53%	19.02%	35.35%
532392	PINE TEL SYSTEM INC.	1,253	1,411	1,684	1,525	12.62%	19.39%	-9.45%
532393	PIONEER TEL COOP	13,098	15,124	17,523	23,616	15.47%	15.86%	34.77%
532375	RTI/HALSEY TEL CO	2,825	2,821	2,285	2,265	-0.14%	-18.99%	-0.90%
532397	SCIO MUTUAL TEL ASSN	1,615	2,086	2,426	2,568	29.15%	16.30%	5.88%
532361	TEL UTIL OF OREGON	68,994	79,203	97,331	102,464	14.80%	22.89%	5.27%
532378	TRANS-CASCADES TEL	212	163	188	220	-23.14%	15.66%	17.08%
170170	CONTEL OF PA	79,735	94,147	104,176	115,287	18.08%	10.65%	10.66%
170177	LACKAWAXEN TEL CO	N/A	5,669	6,822	7,389	N/A	20.33%	8.32%
170183	MAHANOV & MAHANTONGO	N/A	2,116	2,374	2,649	N/A	12.18%	11.57%
170192	NORTH PENN TEL CO	8,772	9,260	10,638	11,688	5.57%	14.88%	9.87%
170194	OSWAYO RIVER TEL CO	4,021	4,600	5,543	5,868	14.38%	20.51%	5.87%
170201	QUAKER STATE TEL CO	55,970	64,513	71,537	81,012	15.26%	10.89%	13.25%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	1,175	1,359	1,515	1,522	15.62%	11.49%	0.44%
633200	PUERTO RICO COMM	N/A	88,069	125,812	139,305	N/A	42.86%	10.72%
240512	BLUFFTON TEL. CO.	5,994	7,091	13,174	17,443	18.30%	85.78%	32.40%
240526	CONTEL OF SC	27,917	32,837	42,198	67,736	17.62%	28.51%	60.52%
240520	FARMERS TEL COOP	67,252	80,684	108,743	135,037	19.97%	34.78%	24.18%
240523	HARGRAY TEL CO	116,160	127,862	158,608	215,158	10.07%	24.05%	35.65%
240528	HORRY TEL COOP	66,927	125,287	139,537	141,682	87.20%	11.37%	1.54%
240533	MCCLELLANVILLE TEL	1,775	2,153	2,569	3,129	21.32%	19.30%	21.79%
240539	POND BRANCH TEL CO	8,177	9,699	10,333	12,086	18.62%	6.54%	16.96%
240551	WILLISTON TEL CO	4,504	5,054	5,498	7,404	12.20%	8.78%	34.67%
391647	CHEYENNE RIVER SIOUX	3,236	3,376	4,653	4,541	4.33%	37.83%	-2.41%
391643	CONTEL SD DBA GTE SD	13,906	17,643	21,839	24,367	26.87%	23.78%	11.58%
391659	GOLDEN WEST TELECOMM	22,314	28,167	27,904	31,699	26.23%	-0.93%	13.60%
391666	JEFFERSON TEL CO -SD	1,741	1,798	2,179	2,943	3.27%	21.19%	35.05%
391667	KADOKA TELEPHONE CO	943	1,021	1,181	1,412	8.30%	15.64%	19.54%
391668	KENNEBEC TEL CO	363	426	527	669	17.24%	23.75%	26.93%
391689	WEST RIVER COOP	2,678	3,402	3,607	3,681	27.05%	6.01%	2.07%
290552	ADAMSVILLE TEL CO	N/A	9,429	12,204	13,759	N/A	29.43%	12.74%
290571	MILLINGTON TEL CO	47,148	51,571	50,843	53,602	9.38%	-1.41%	5.43%
290575	TENNESSEE TEL CO	54,922	65,992	81,695	90,203	20.15%	23.80%	10.42%
290579	TWIN LAKES TEL COOP	25,908	30,047	36,422	41,978	15.98%	21.22%	15.25%
442121	ALLTEL TEXAS INC	2,769	3,022	3,916	4,072	9.15%	29.55%	3.99%
442039	BIG BEND TEL CO INC	3,734	3,906	5,530	5,395	4.59%	41.59%	-2.45%
442040	BRAZORIA TEL CO	4,104	4,648	5,275	6,039	13.24%	13.50%	14.47%
442041	BRAZOS TEL COOP INC	659	852	931	1,106	29.20%	9.29%	18.80%
440425	CAMERON TEL CO TEXAS	515	1,012	1,179	1,355	96.54%	16.52%	14.92%
442046	CAP ROCK TEL CO INC	1,697	1,537	2,316	2,195	-9.43%	50.71%	-5.21%
442052	CENTRAL TEXAS CO-OP	1,733	2,046	2,765	3,125	18.03%	35.15%	13.02%
442059	COLORADO VALLEY TEL	3,383	3,677	4,176	4,051	8.69%	13.57%	-2.98%
442066	DELL TEL. CO-OP - TX	1,143	1,208	1,447	1,347	5.67%	19.78%	-6.89%
442068	EASTEX TEL COOP INC	16,319	28,864	26,663	29,069	76.88%	-7.63%	9.02%
442262	ENMR TEL COOP-TX	821	829	1,066	1,205	1.06%	28.57%	12.99%
442070	ETEX TEL COOP INC	7,587	12,083	13,537	13,185	59.26%	12.03%	-2.60%
442071	FIVE AREA TEL CO-OP	2,211	2,411	2,649	2,771	9.01%	9.89%	4.61%
442072	FORT BEND TEL CO	20,224	28,017	32,119	38,805	38.54%	14.64%	20.81%
442076	GANADO TELEPHONE CO	715	934	831	1,037	30.58%	-11.03%	24.75%
442083	GUADALUPE VALLEY TEL	15,405	21,872	25,697	37,085	41.98%	17.49%	44.32%
442086	HILL COUNTRY CO-OP	6,623	12,709	12,367	12,575	91.90%	-2.69%	1.68%
442093	INDUSTRY TEL CO	731	935	1,043	1,073	27.92%	11.57%	2.94%
442097	KERRVILLE TEL CO	19,643	19,644	24,425	25,077	0.01%	24.33%	2.67%
442103	LA WARD TEL EXCHANGE	563	688	841	882	22.28%	22.12%	4.87%
442101	LAKE DALLAS TEL CO	9,517	7,628	11,589	12,851	-19.84%	51.92%	10.89%
442104	LAKE LIVINGSTON TEL	611	684	729	836	12.02%	6.58%	14.56%
442105	LIPAN TEL CO	N/A	N/A	773	791	N/A	N/A	2.31%
442109	LUFKIN-CONROE TEL EX	133,238	110,126	121,771	115,947	-17.35%	10.57%	-4.78%
442112	MID-PLAINS RURAL TEL	2,073	2,052	3,317	3,234	-0.97%	61.60%	-2.49%
442116	MUENSTER TEL CORP-TX	1,636	2,239	2,911	3,205	36.88%	30.02%	10.08%
442117	MUSTANG TEL CO	3,402	3,616	4,930	5,026	6.28%	36.35%	1.95%
442130	PEOPLES TEL COOP -TX	5,955	5,474	8,686	10,236	-8.08%	58.70%	17.84%
442131	POKA-LAMBRO TEL COOP	2,154	2,361	5,362	4,872	9.61%	127.07%	-9.14%
442134	RIVIERA TEL CO INC	716	1,000	1,230	1,196	39.59%	23.04%	-2.74%
442147	SUGAR LAND TEL CO	70,105	66,344	68,004	80,771	-5.36%	2.50%	18.77%
442150	TATUM TEL CO	N/A	N/A	903	1,239	N/A	N/A	37.28%
442151	TAYLOR TEL CO-OP INC	4,557	6,919	7,672	9,889	51.84%	10.88%	28.90%
442159	VALLEY TEL CO-OP -TX	2,577	4,864	4,893	6,270	88.72%	0.60%	28.16%
442168	WES-TEX TEL CO-OP	2,360	2,735	3,155	3,229	15.90%	15.37%	2.32%
442166	WEST TEXAS RURAL TEL	3,085	3,152	4,088	4,034	2.15%	29.71%	-1.33%
442170	XIT RURAL TEL CO-OP	2,895	3,635	6,145	4,072	25.55%	69.06%	-33.74%
502284	BEEHIVE TEL CO - UT	N/A	688	938	871	N/A	36.21%	-7.08%
502277	CENTRAL UTAH TEL INC	894	882	1,233	1,376	-1.40%	39.83%	11.60%
502177	CONTEL THE WEST - UT	68,837	33,175	38,918	44,361	-51.81%	17.31%	13.99%
502278	EMERY COUNTY FARMERS	2,686	3,238	3,279	4,244	20.54%	1.25%	29.44%
502280	KAMAS-WOODLAND TEL	1,473	1,801	2,073	2,639	22.28%	15.14%	27.29%
502275	NAVAJO COMMUN - UT	1,431	1,431	1,600	1,447	-0.05%	11.81%	-9.53%
502286	SOUTH CENTRAL UTAH	4,385	4,332	6,331	7,052	-1.21%	46.14%	11.39%
502287	UINTAH BASIN TEL	3,719	3,759	3,735	3,070	1.08%	-0.64%	-17.80%
502288	UT-WY TELECOM	855	871	959	1,069	1.96%	10.08%	11.45%
140070	CONTEL OF VERMONT	81,767	86,479	82,220	89,981	5.76%	-4.92%	9.44%

TABLE 4.11
INTERSTATE DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
	1987	1988	1989	1990	1988	1989	1990
140058 LUDLOW TEL CO	6,350	7,772	10,077	11,553	22.39%	29.65%	14.65%
140061 NORTHFIELD TEL CO	8,229	8,957	11,132	10,825	8.84%	24.29%	-2.76%
140062 PERKINSVILLE TEL CO	1,724	1,853	1,852	2,903	7.52%	-0.07%	56.76%
140068 TOPSHAM TEL CO	2,150	2,164	2,634	3,112	0.67%	21.72%	18.15%
643300 VIRGIN ISLANDS TEL	277,075	173,158	173,158	197,007	-37.51%	0.00%	13.77%
140069 WAITSFIELD/FAYSTON	10,446	13,585	15,409	16,240	30.05%	13.42%	5.39%
190217 AMELIA TEL CORP	3,382	4,706	5,040	5,689	39.15%	7.10%	12.87%
190249 ROANOKE & BOTETOURT	N/A	11,960	17,535	19,905	N/A	46.61%	13.52%
522404 ASOTIN TEL - WA	1,274	1,500	1,683	2,412	17.74%	12.24%	43.27%
522449 CONTEL OF THE NW-WA	134,900	82,942	103,121	148,209	-38.52%	24.33%	43.72%
522410 COMICHE TELEPHONE CO	1,481	1,658	1,995	2,251	11.96%	20.32%	12.82%
522412 ELLENSBURG TEL CO	20,605	27,215	32,485	38,762	32.08%	19.37%	19.32%
522417 HAT ISLAND	N/A	13	19	25	N/A	46.15%	31.58%
522419 HOOD CANAL TEL CO	926	949	1,097	1,190	2.52%	15.59%	8.49%
522423 INLAND TEL CO -WA	1,863	2,405	2,245	2,347	29.10%	-6.65%	4.55%
522426 KALAMA TEL CO	3,051	3,354	3,721	4,105	9.92%	10.95%	10.32%
522427 LEWIS RIVER TEL CO	5,540	6,505	8,262	11,790	17.42%	27.02%	42.70%
522431 MASHELL TEL CO INC	2,241	2,574	3,484	4,133	14.85%	35.36%	18.65%
522436 PENINSULA TELECOMM	8,169	10,529	8,474	11,868	28.89%	-19.52%	40.05%
522437 PIONEER TEL CO	866	960	1,043	911	10.93%	8.59%	-12.61%
522442 ST JOHN TEL CO	771	703	806	946	-8.76%	14.57%	17.45%
522408 TEL UTIL OF WA INC	131,715	166,460	188,010	220,560	26.38%	12.95%	17.31%
522446 TENINO TELEPHONE CO	2,990	4,102	4,484	3,999	37.16%	9.33%	-10.83%
522447 TOLEDO TELEPHONE CO	2,386	2,640	3,410	3,623	10.67%	29.15%	6.25%
522451 WESTERN WAHIAKUM	1,205	1,476	1,831	1,998	22.49%	24.05%	9.12%
522452 WHIDBEY TEL CO	6,020	10,270	14,262	24,643	70.60%	38.87%	72.79%
522453 YELM TELEPHONE CO	6,928	9,687	12,585	15,485	39.81%	29.92%	23.04%
200278 CONTEL OF WV	46,271	50,065	47,259	64,089	8.20%	-5.61%	35.61%
200259 HARDY TEL CO	2,975	3,450	4,235	5,473	15.99%	22.74%	29.23%
200270 MOUNTAIN STATE TEL	29,780	34,618	40,197	37,972	16.25%	16.12%	-5.54%
330841 CENCOM OF WISCONSIN	20,297	21,100	24,502	33,058	3.96%	16.12%	34.92%
330859 CENTRAL STATE TEL CO	6,488	7,658	9,727	12,334	18.02%	27.03%	26.80%
330895 CENTURY OF WISCONSIN	73,086	129,339	159,273	146,117	76.97%	23.14%	-8.26%
330860 CHEQUAMEGON TEL COOP	7,113	8,616	11,067	12,247	21.12%	28.46%	10.66%
330870 CRANDON TEL CO	1,886	2,126	2,556	3,007	12.73%	20.24%	17.63%
330891 HEADWATERS TEL CO	2,949	4,266	4,314	5,684	44.67%	1.10%	31.77%
330936 INDIANHEAD TEL CO	1,727	2,139	2,377	2,916	23.89%	11.14%	22.65%
330908 MARQUETTE-ADAMS COOP	6,672	6,491	6,829	8,041	-2.71%	5.21%	17.74%
330909 MIDWAY TEL CO	8,822	11,144	11,137	12,457	26.31%	-0.06%	11.85%
330913 MONROE COUNTY TEL CO	16,240	18,280	18,534	24,600	12.56%	1.39%	32.73%
330916 MOUNT HOREB TEL CO	3,068	3,798	4,480	6,742	23.79%	17.95%	50.50%
330917 MT VERNON TEL CO	7,166	7,982	11,009	13,046	11.39%	37.92%	18.50%
330922 NORTH-WEST TEL CO	67,196	91,865	99,912	107,352	36.71%	8.76%	7.45%
330931 PEOPLES TEL CO	4,782	6,131	6,443	8,280	28.21%	5.09%	28.51%
330934 PLATTEVILLE TEL CO	9,841	13,042	14,404	16,411	32.53%	10.44%	13.93%
330937 PRICE COUNTY TEL CO	4,664	5,654	6,423	7,020	21.22%	13.60%	9.30%
330940 RHINELANDER TEL CO	13,302	18,185	21,316	23,835	36.71%	17.22%	11.82%
330952 SE TEL OF WISCONSIN	7,984	8,258	10,015	11,358	3.43%	21.28%	13.41%
330950 SOLON SPRINGS TEL CO	21,989	26,256	27,810	34,459	19.41%	5.92%	23.91%
330956 UNIVERSAL OF N WISC	12,749	14,712	15,807	20,282	15.40%	7.45%	28.31%
330964 URBAN TEL CORP	13,520	16,803	21,638	27,971	24.28%	28.77%	29.27%
330963 UTELCO, INC	23,125	20,358	21,583	23,163	-11.97%	6.01%	7.32%
330974 WOOD COUNTY TEL CO	27,798	29,987	37,825	34,566	7.87%	26.14%	-8.62%
512291 DUBOIS TEL EXCHANGE	3,893	4,024	4,493	5,607	3.34%	11.67%	24.78%
512251 RANGE TEL COOP - WY	3,916	3,946	4,413	6,231	0.77%	11.84%	41.20%
512295 SILVER STAR TEL-WY	2,616	2,842	3,582	3,812	8.64%	26.01%	6.42%
512299 TEL. UTIL. OF WY.	7,522	10,090	10,430	10,000	34.14%	3.38%	-4.12%
512297 UNION TELEPHONE CO	8,631	10,030	11,426	12,725	16.21%	13.92%	11.37%
512290 UTAH-WYOMING TELECOM	917	844	1,083	1,630	-7.94%	28.31%	50.53%
NON-TIER 1 COST COMPANIES	8,189,315	9,662,978	11,285,680	13,223,564	17.99%	16.79%	17.17%
TOTAL COST COMPANIES	282,627,540	306,419,356	327,510,110	334,976,005	8.42%	6.88%	2.28%
AVERAGE SCHEDULE ESTIMATE	4,025,000	4,774,000	5,510,000	6,168,722	18.61%	15.42%	11.96%
TOTAL INDUSTRY	286,652,540	311,193,356	333,020,110	341,144,727	8.56%	7.01%	2.44%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
250293 GTE SOUTH INC. - AL	1,930.1	1,959.4	1,977.0	2,032.8	1.52%	0.90%	2.82%
255181 SO CENTRAL BELL-AL	31,909.1	33,669.4	34,497.1	35,482.5	5.52%	2.46%	2.86%
452302 CONTEL CALIF - AZ	49.2	53.3	63.3	64.2	8.42%	18.74%	1.41%
455101 MOUNTAIN BELL - AZ	29,843.3	32,565.0	32,716.6	32,697.9	9.12%	0.47%	-0.06%
401730 CONTEL OF ARKANSAS	190.0	1,125.4	1,105.8	1,113.9	492.47%	-1.74%	0.73%
402080 GTE SOUTHWEST INC-AR	986.3	1,012.7	1,024.0	1,060.7	2.68%	1.11%	3.58%
405211 SOUTHWESTERN BELL-AR	12,983.1	13,362.0	13,571.8	13,701.1	2.92%	1.57%	0.95%
542302 CONTEL OF CALIFORNIA	2,875.2	3,493.2	4,002.5	4,442.5	21.49%	14.58%	10.99%
542319 GTC OF CALIFORNIA	49,678.2	50,486.7	50,306.0	50,826.2	1.63%	-0.36%	1.03%
545170 PACIFIC BELL	211,961.8	218,524.9	225,930.8	232,056.8	3.10%	3.39%	2.71%
542344 WEST COAST TEL OF CA	106.6	115.8	118.0	118.9	8.63%	1.89%	0.79%
465102 MOUNTAIN BELL-CO	31,030.7	33,177.9	33,126.9	35,070.2	6.92%	-0.15%	5.87%
135200 SOUTHERN NEW ENGLAND	33,368.8	34,403.5	32,952.2	34,197.0	3.10%	-4.22%	3.78%
575020 C & P TEL CO OF WASH	16,451.8	15,737.5	16,545.3	15,958.0	-4.34%	5.13%	-3.55%
565010 DIAMOND STATE TEL	6,617.0	7,110.6	7,539.4	7,631.1	7.46%	6.03%	1.22%
210340 CONTEL OF FLORIDA	3,744.0	4,091.8	4,481.2	4,695.9	9.29%	9.52%	4.79%
210328 GTE FLORIDA INC.	24,380.0	24,482.5	24,495.0	23,915.2	0.42%	0.05%	-2.37%
215191 SOUTHERN BELL-FL	74,590.1	81,823.5	87,344.4	89,102.9	9.70%	6.75%	2.01%
210341 UTC OF FLORIDA	11,556.2	11,872.2	12,975.6	13,965.2	2.73%	9.29%	7.63%
220479 GTE SOUTH INC.- GA	3,180.6	3,367.2	3,450.0	3,488.0	5.87%	2.46%	1.10%
225192 SOUTHERN BELL-GA	55,930.7	60,612.0	64,623.0	64,865.1	8.37%	6.62%	0.37%
623100 GTE HAWAIIAN TEL. CO	9,517.6	10,041.0	9,990.0	9,905.4	5.50%	-0.51%	-0.85%
472416 GTE NORTHWEST INC-ID	966.9	1,035.7	1,038.0	1,050.7	7.11%	0.23%	1.23%
475103 MOUNTAIN BELL-ID	4,840.5	5,119.4	5,301.5	5,475.8	5.76%	3.56%	3.29%
475162 PACIFIC NW BELL-ID	378.7	415.6	428.7	450.5	9.73%	3.15%	5.10%
340985 CONTEL OF ILLINOIS	2,786.2	3,145.6	3,142.4	3,369.6	12.90%	-0.10%	7.23%
341015 GTE NORTH INC. - IL	7,681.5	8,026.1	8,108.0	8,164.7	4.49%	1.02%	0.70%
345070 ILLINOIS BELL TEL CO	93,862.0	97,523.8	100,971.0	103,969.4	3.90%	3.53%	2.97%
320772 GTE NORTH INC. - IN	9,264.1	9,443.9	9,528.0	9,554.1	1.94%	0.89%	0.27%
325080 INDIANA BELL TEL CO	29,293.9	30,777.5	31,795.7	31,150.9	5.06%	3.31%	-2.03%
320832 UTC OF INDIANA	2,168.2	2,290.4	2,472.9	2,521.5	5.63%	7.97%	1.96%
351207 CONTEL IA DBA GTE IA	1,570.7	1,579.8	885.1	949.8	0.58%	-43.98%	7.31%
351186 GTE NORTH INC. - IA	1,222.2	1,296.1	1,297.0	1,296.7	6.04%	0.07%	-0.02%
355141 NORTHWESTERN BELL-IA	14,784.0	15,397.9	15,457.7	16,080.3	4.15%	0.39%	4.03%
415214 SOUTHWESTERN BELL-KS	16,968.3	17,786.6	18,243.5	18,380.5	4.82%	2.57%	0.75%
411842 UTC OF KANSAS	749.4	792.8	884.3	888.0	5.78%	11.55%	0.42%
265061 CINCINNATI BELL-KY	2,729.2	2,866.3	2,835.4	2,893.2	5.02%	-1.08%	2.04%
260407 GTE SOUTH INC. - KY	5,448.4	5,820.6	5,974.0	6,045.6	6.83%	2.64%	1.20%
265182 SO CENTRAL BELL-KY	18,757.9	19,474.0	19,728.9	19,959.4	3.82%	1.31%	1.17%
275183 SO CENTRAL BELL-LA	37,676.1	38,928.4	40,693.2	41,542.3	3.32%	4.53%	2.09%
105111 NEW ENGLAND TEL-ME	7,307.6	7,504.8	7,660.2	6,942.4	2.70%	2.07%	-9.37%
185030 C & P TEL CO OF MD	51,405.0	54,809.9	58,593.4	58,024.7	6.62%	6.90%	-0.97%
115112 NEW ENGLAND TEL-MA	60,615.2	63,236.5	64,697.6	61,431.7	4.32%	2.31%	-5.05%
310695 GTE NORTH INC. - MI	6,794.7	7,301.8	7,298.0	7,446.9	7.46%	-0.05%	2.04%
315090 MICHIGAN BELL TEL CO	76,298.5	81,820.9	85,955.8	82,244.6	7.24%	5.05%	-4.32%
361367 CONTEL OF MN	1,052.8	1,155.0	1,201.9	1,261.0	9.70%	4.06%	4.92%
361186 GTE NORTH INC. - MN	33.7	34.7	35.0	36.6	2.91%	0.79%	4.55%
365142 NORTHWESTERN BELL-MN	30,089.8	32,312.7	32,152.4	32,745.3	7.39%	-0.50%	1.84%
361456 UTC OF MINNESOTA	1,301.0	1,422.9	1,507.4	1,558.1	9.37%	5.94%	3.36%
285184 SO CENTRAL BELL-MS	19,255.4	20,233.5	20,815.8	21,523.9	5.08%	2.88%	3.40%
421186 GTE NORTH INC. - MO	1,395.7	1,462.3	1,466.0	1,458.1	4.78%	0.25%	-0.54%
425213 SOUTHWESTERN BELL-MO	40,411.4	41,443.2	41,313.7	42,602.0	2.55%	-0.31%	3.12%
421957 UTC OF MISSOURI	2,115.2	2,310.7	2,382.0	2,492.3	9.24%	3.09%	4.63%
482416 GTE NORTHWEST INC-MT	82.6	78.8	79.0	90.3	-4.62%	0.32%	14.29%
485104 MOUNTAIN BELL-MT	4,262.6	4,684.9	4,835.9	4,917.4	9.91%	3.22%	1.69%
371186 GTE NORTH INC. - NE	550.2	559.3	558.0	558.3	1.65%	-0.23%	0.06%
371568 LINCOLN TEL & TEL CO	3,159.6	3,246.0	3,296.1	3,397.8	2.73%	1.54%	3.09%
375143 NORTHWESTERN BELL-NE	8,163.7	8,582.9	8,173.8	8,299.3	5.13%	-4.77%	1.54%
371595 UTC OF THE WEST-NE	306.7	332.2	344.3	347.9	8.32%	3.66%	1.03%
552348 CONTEL OF NV	5,629.5	7,115.3	7,518.3	8,034.9	26.39%	5.66%	6.87%
552302 CONTEL OF CALIF-NV	205.3	228.5	259.6	267.2	11.32%	13.58%	2.95%
555173 NEVADA BELL	2,854.6	3,183.4	3,213.5	3,341.1	11.52%	0.94%	3.97%
125113 NEW ENGLAND TEL-NH	8,236.9	8,799.7	8,782.7	8,287.6	6.83%	-0.19%	-5.64%
165120 NEW JERSEY BELL	79,355.0	84,753.6	87,448.4	87,012.3	6.80%	3.18%	-0.50%
160138 UNITED TEL - NJ, INC	1,822.4	1,974.6	1,916.1	2,061.2	8.35%	-2.96%	7.57%
492080 GTE SOUTHWEST INC-NM	558.7	534.6	539.0	552.8	-4.31%	0.82%	2.55%
495105 MOUNTAIN BELL-NM	9,934.0	10,421.3	10,953.4	11,659.9	4.91%	5.11%	6.45%
150096 CONTEL OF NY, INC	2,994.0	2,774.0	2,947.2	3,077.6	-7.35%	6.25%	4.42%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	180,006.5	187,299.9	189,460.6	194,029.9	4.05%	1.15%	2.41%
150119	RED HOOK TEL CO	161.7	172.9	181.5	176.0	6.92%	4.95%	-3.04%
150121	ROCHESTER TEL CORP	7,477.4	7,969.9	8,528.8	8,893.5	6.59%	7.01%	4.28%
150136	WESTERN COUNTIES TEL	241.8	249.8	275.7	285.0	3.30%	10.37%	3.36%
230470	CAROLINA TEL & TEL	12,410.9	12,971.5	13,696.3	13,188.0	4.52%	5.59%	-3.71%
230471	CENTEL OF NC	3,147.8	3,312.1	3,395.9	3,652.3	5.22%	2.53%	7.55%
230479	GTE SOUTH INC - NC	2,323.4	2,596.9	2,667.0	2,698.3	11.77%	2.70%	1.17%
235193	SOUTHERN BELL-NC	29,729.1	31,371.4	33,934.8	33,669.5	5.52%	8.17%	-0.78%
385144	NORTHWESTERN BELL-ND	3,748.8	3,971.3	3,783.7	3,794.5	5.94%	-4.73%	0.29%
300630	CENTEL OF OHIO	986.7	1,036.8	1,181.4	1,252.8	5.08%	13.95%	6.04%
305062	CINCINNATI BELL-OH	14,005.5	14,931.0	14,952.9	15,309.8	6.61%	0.15%	2.39%
300615	GTE NORTH INC. - OH	9,952.4	10,306.3	10,590.0	10,562.5	3.56%	2.75%	-0.26%
305150	OHIO BELL TEL CO	62,720.2	65,209.2	65,249.2	68,814.2	3.97%	0.06%	5.46%
300661	UTC OF OHIO	6,451.7	7,057.3	6,694.0	7,401.7	9.39%	-5.15%	10.57%
432080	GTE SOUTHWEST INC-OK	1,461.4	1,457.8	1,500.0	1,648.9	-0.25%	2.90%	9.93%
435215	SOUTHWESTERN BELL-OK	21,693.8	22,002.9	22,380.1	23,108.9	1.42%	1.71%	3.26%
532416	GTE NORTHWEST INC-OR	3,996.4	4,118.8	4,093.0	4,146.8	3.06%	-0.63%	1.32%
535163	PACIFIC NW BELL-OR	14,932.3	16,121.6	16,382.3	17,377.9	7.97%	1.62%	6.08%
532400	UTC OF THE NW - OR	530.9	575.2	613.9	635.6	8.33%	6.73%	3.54%
175000	BELL OF PENNSYLVANIA	90,164.8	94,301.7	99,878.7	103,282.7	4.59%	5.91%	3.41%
170169	GTE NORTH INC. - PA	7,076.9	7,551.9	7,566.0	7,576.7	6.71%	0.19%	0.14%
170209	UTC OF PENNSYLVANIA	3,781.2	3,969.0	3,976.6	4,213.4	4.97%	0.19%	5.95%
633201	PUERTO RICO TEL CO	9,746.4	11,420.9	11,800.4	12,319.3	17.18%	3.32%	4.40%
585114	NEW ENGLAND TEL - RI	8,618.3	8,776.6	9,206.1	9,479.2	1.84%	4.89%	2.97%
240479	GTE SOUTH INC. - SC	2,192.3	2,292.5	2,304.0	2,340.8	4.57%	0.50%	1.60%
245194	SOUTHERN BELL-SC	21,355.6	22,623.2	24,216.4	24,159.2	5.94%	7.04%	-0.24%
240506	UTC OF THE CAROLINAS	1,308.4	1,230.5	1,081.0	1,206.7	-5.95%	-12.15%	11.63%
395145	NORTHWESTERN BELL-SD	3,606.5	3,799.5	3,756.3	3,923.2	5.35%	-1.14%	4.44%
290479	GTE SOUTH INC. - TN	788.9	833.9	836.0	862.2	5.70%	0.25%	3.14%
295185	SO. CENTRAL BELL -TN	42,451.7	44,065.1	43,646.6	45,314.2	3.80%	-0.95%	3.82%
290567	UNITED INTER-MT-TN	3,303.9	3,488.1	3,123.4	3,535.7	5.58%	-10.46%	13.20%
442114	CENTEL OF TEXAS	1,928.4	2,225.4	2,306.8	2,402.3	15.40%	3.66%	4.14%
442154	CENTEL OF TEXAS	1,956.0	2,007.0	2,139.7	2,279.5	2.61%	6.61%	6.53%
442080	GTE SOUTHWEST INC-TX	17,020.0	17,096.4	17,445.0	18,427.1	0.45%	2.04%	5.63%
445216	SOUTHWESTERN BELL-TX	127,985.3	131,182.0	137,573.8	142,540.4	2.50%	4.87%	3.61%
442084	UTC OF TEXAS INC	1,264.5	1,347.1	1,433.2	1,372.1	6.53%	6.39%	-4.26%
505107	MOUNTAIN BELL-UT	12,847.6	13,803.9	14,223.0	14,605.3	7.44%	3.04%	2.69%
145115	NEW ENGLAND TEL-VT	3,479.7	3,698.3	3,950.0	3,036.0	6.28%	6.81%	-23.14%
195040	C & P TEL CO OF VA	45,810.5	49,020.9	51,700.5	52,613.4	7.01%	5.47%	1.77%
190254	CENTEL OF VIRGINIA	3,248.7	3,495.4	3,729.9	3,941.2	7.59%	6.71%	5.67%
190233	CENTEL OF VIRGINIA	5,399.0	5,681.2	6,114.1	6,804.9	5.23%	7.62%	11.30%
190479	GTE SOUTH INC. - VA	548.3	578.9	576.0	580.0	5.57%	-0.50%	0.70%
190567	UNITED INTER-MT-VA	1,268.2	1,371.2	1,474.8	1,558.6	8.12%	7.56%	5.68%
522416	GTE NORTHWEST INC-WA	7,451.2	8,470.6	8,611.0	8,569.1	13.68%	1.66%	-0.49%
525161	PACIFIC NW BELL-WA	28,629.9	30,343.0	31,315.5	33,819.3	5.98%	3.20%	8.00%
522400	UTC OF THE NW-WA	562.5	551.6	596.2	696.0	-1.94%	8.08%	16.74%
205050	C & P TEL CO OF WV	12,954.9	13,007.6	13,201.4	13,747.9	0.41%	1.49%	4.14%
200479	GTE SOUTH INC. - WV	1,038.5	1,093.4	1,088.0	1,095.1	5.29%	-0.50%	0.65%
330886	GTE NORTH INC. - WI	4,167.0	4,496.7	4,636.0	4,658.7	7.91%	3.10%	0.49%
335220	WISCONSIN BELL	26,822.0	29,196.5	29,984.3	30,634.3	8.85%	2.70%	2.17%
515108	MOUNTAIN BELL-WY	2,915.3	3,118.0	3,094.1	3,221.9	6.95%	-0.77%	4.13%
511595	UTC OF THE WEST-WY	67.1	73.4	74.8	74.8	9.33%	2.02%	-0.02%
TIER 1 COST COMPANIES		2,167,959.1	2,276,070.5	2,343,786.4	2,387,345.0	4.99%	2.98%	1.86%
250302	ALLTEL ALABAMA	N/A	N/A	282.1	276.8	N/A	N/A	-1.87%
250284	BUTLER TEL CO	58.9	63.7	77.1	84.5	8.05%	21.11%	9.55%
250281	CENTEL OF THE SOUTH	1,368.3	1,420.2	1,448.0	1,650.5	3.79%	1.96%	13.98%
250297	GROVE HILL TEL CORP	25.4	25.9	29.6	30.5	1.96%	13.88%	3.23%
250298	GULF TEL CO - AL	266.4	304.4	283.2	350.0	14.24%	-6.97%	23.59%
250300	HOPPER TEL. CO INC	34.3	35.3	38.0	42.1	3.06%	7.58%	10.66%
250304	MILLRY TEL CO	133.0	70.4	76.4	82.2	-47.10%	8.49%	7.70%
250306	MONROEVILLE TEL CO	162.8	214.6	202.7	234.6	31.88%	-5.56%	15.73%
250314	PEOPLES TEL CO	146.0	160.5	176.2	188.7	9.91%	9.79%	7.07%
250316	RAGLAND TEL CO	12.7	13.9	14.6	15.3	9.17%	5.50%	4.54%
250318	SOUTHLAND TEL CO-AL	172.4	196.3	204.1	156.0	13.86%	3.98%	-23.57%
613000	ANCHORAGE TEL UTIL	2,241.5	2,315.8	2,363.7	2,485.7	3.31%	2.07%	5.16%
613001	ARCTIC SLOPE TEL	25.6	28.1	32.0	40.4	9.75%	13.96%	26.29%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	10.3	12.0	13.5	14.6	17.12%	12.48%	7.87%
613004	BUSH-TELL INC.	5.6	6.0	6.9	7.5	7.68%	13.69%	9.39%
613006	COPPER VALLEY TEL	35.0	41.1	78.0	48.9	17.36%	89.72%	-37.39%
613007	CORDOVA TEL COOP	16.1	17.7	23.3	20.1	9.51%	32.08%	-13.98%
613008	FAIRBANKS MUNICIPAL	N/A	441.7	469.8	504.1	N/A	6.35%	7.30%
613010	GLACIER STATE TEL CO	398.5	434.9	470.6	541.2	9.12%	8.22%	15.01%
613009	GTE ALASKA INC.	153.8	158.7	160.6	161.1	3.17%	1.22%	0.29%
613011	INTERIOR TEL CO INC	25.9	31.9	37.0	44.8	23.42%	15.88%	20.93%
613012	JUNEAU & DOUGLAS TEL	227.9	219.5	249.9	305.0	-3.67%	13.81%	22.09%
613013	KETCHIKAN PUBLIC UT	N/A	102.7	116.5	124.4	N/A	13.45%	6.72%
613015	MATANUSKA TEL ASSOC	411.6	375.4	428.4	467.7	-8.78%	14.12%	9.17%
613016	MUKLUK TEL CO INC	5.6	6.2	6.9	7.4	11.14%	10.36%	6.72%
613018	NUSHAGAK TEL COOP	16.9	19.8	21.1	21.5	17.35%	6.78%	1.94%
613019	OTZ TEL COOPERATIVE	21.7	23.0	28.2	28.7	5.99%	22.70%	1.77%
613020	SITKA TELEPHONE CO	90.1	98.4	110.9	119.5	9.22%	12.65%	7.82%
613022	TEL UTIL OF ALASKA	27.1	35.4	41.4	49.5	30.61%	17.10%	19.44%
613023	UNITED UTILITIES INC	N/A	40.1	44.3	47.2	N/A	10.28%	6.58%
613025	YUKON TEL CO INC	3.6	3.9	4.3	4.8	8.47%	11.64%	11.95%
452171	ARIZONA TELEPHONE CO	11.0	11.4	13.3	15.6	3.59%	15.85%	17.58%
452172	CITIZENS UTILITIES	434.0	471.7	514.2	560.2	8.70%	9.01%	8.94%
452177	CONTEL OF WEST-AZ	331.8	254.3	274.2	279.8	-23.34%	7.81%	2.03%
452275	NAVAJO COMMUN-AZ	83.4	95.9	113.8	122.1	14.99%	18.67%	7.31%
452173	PAPAGO TRIBAL UTIL.	N/A	5.5	12.5	15.4	N/A	128.74%	23.43%
452175	UNIVERSAL TEL OF SW	10.6	11.6	12.0	12.0	8.95%	4.01%	-0.08%
452176	VALLEY TEL COOP-AZ	17.0	21.5	24.4	28.1	25.90%	13.92%	15.04%
401691	ALLTEL ARKANSAS INC	882.8	917.1	959.3	1,003.1	3.89%	4.61%	4.57%
401692	ARKANSAS TEL CO	66.5	73.9	77.7	81.9	11.19%	5.14%	5.42%
401697	CENTRAL ARKANSAS TEL	25.9	28.0	30.7	36.1	8.25%	9.36%	17.65%
401705	CENTURY OF ARKANSAS	139.8	151.5	160.5	174.6	8.44%	5.91%	8.80%
401698	CLEVELAND COUNTY TEL	23.7	26.2	30.2	35.9	10.38%	15.43%	18.72%
401699	DECATUR TEL CO INC	7.5	7.8	9.0	9.9	3.57%	16.55%	9.17%
401709	MADISON COUNTY TEL	32.0	31.4	31.8	34.9	-1.89%	1.14%	9.78%
401711	MOUNTAIN HOME TEL	136.4	143.5	146.7	159.0	5.23%	2.20%	8.36%
401713	NORTH ARKANSAS TEL	42.6	47.2	47.9	52.8	10.93%	1.43%	10.12%
401717	PERCO TELEPHONE CO	N/A	N/A	28.8	33.4	N/A	N/A	16.01%
401720	REDFIELD TEL CO	14.3	16.9	15.7	16.6	17.85%	-7.08%	6.06%
401702	SOUTH ARKANSAS TEL	38.1	41.2	45.7	45.9	8.26%	10.76%	0.60%
401726	TRI-COUNTY TEL CO-AR	55.8	64.3	66.8	67.8	15.19%	3.87%	1.62%
401727	UNION TEL CO INC	4.9	11.3	12.3	13.1	127.62%	9.27%	6.75%
401729	WALNUT HILL TEL CO	49.8	53.3	55.4	58.1	6.89%	3.97%	4.91%
401733	YELCOT TEL CO INC	32.7	36.2	36.3	36.4	10.84%	0.28%	0.18%
401734	YELL COUNTY TEL CO	49.0	51.8	51.4	50.5	5.65%	-0.78%	-1.56%
542304	C P NATIONAL CORP-CA	116.2	124.5	125.1	141.3	7.16%	0.49%	12.91%
542301	CALAVERAS TEL CO	11.8	14.9	19.4	22.0	25.49%	30.51%	13.34%
542311	CALIF-OREGON TEL CO	19.2	22.6	22.1	23.3	17.70%	-2.48%	5.41%
542308	CITIZENS UTIL OF CA	697.0	834.4	935.1	1,058.3	19.71%	12.07%	13.17%
542313	DUCOR TELEPHONE CO	5.2	5.7	6.0	6.2	8.57%	5.42%	3.66%
542315	EVANS TEL CO.	78.2	97.8	106.5	119.3	25.07%	8.98%	11.99%
542318	FORESTHILL TEL CO.	N/A	17.6	21.5	22.9	N/A	22.08%	6.40%
542321	HAPPY VALLEY TEL CO	N/A	34.7	38.9	40.9	N/A	12.00%	5.12%
542322	HORNITOS TEL CO	N/A	4.1	3.4	3.6	N/A	-17.30%	7.11%
542324	KERMAN TELEPHONE CO	58.1	65.2	69.2	74.0	12.31%	6.05%	7.00%
542346	PINNACLES TEL CO	2.5	2.2	2.8	3.4	-10.13%	25.48%	21.47%
542334	ROSEVILLE TEL CO	802.7	999.9	1,094.6	1,273.6	24.57%	9.47%	16.35%
542338	SIERRA TELEPHONE CO	N/A	133.5	160.5	159.0	N/A	20.25%	-0.98%
542332	THE PONDEROSA TEL CO	50.5	53.1	61.2	65.7	5.11%	15.27%	7.44%
542339	THE SISKIYOU TEL CO	46.4	34.7	39.1	41.8	-25.36%	12.64%	7.06%
542343	THE VOLCANO TEL CO	62.6	67.2	60.9	67.6	7.24%	-9.33%	11.00%
542342	TUOLUMNE TEL CO	40.9	45.4	45.7	55.9	11.13%	0.51%	22.35%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	10.4	11.3	N/A	N/A	8.75%
462192	BIG SANDY TELCOMM	7.2	6.9	7.1	7.6	-4.14%	3.15%	5.91%
462181	BIJOU TEL COOP ASSOC	7.0	10.2	10.3	11.4	45.95%	0.60%	11.53%
462182	BLANCA TEL CO	4.0	2.4	2.5	5.7	-41.65%	5.32%	130.69%
462204	COLUMBINE TEL CO	7.0	5.6	4.7	5.1	-21.00%	-15.05%	7.44%
462184	DELTA COUNTY TEL CO	72.9	78.5	80.6	84.9	7.65%	2.74%	5.34%
462185	EAGLE TELECOMMUN INC	46.9	61.3	66.8	75.5	30.81%	9.07%	12.90%
462186	EASTERN SLOPE RURAL	45.6	42.1	41.6	43.7	-7.65%	-1.16%	5.09%
462187	EL PASO COUNTY TEL	21.5	25.1	26.1	27.6	16.80%	3.75%	5.93%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	2.7	2.5	2.8	3.3	-5.11%	12.15%	15.02%
462190	HAXTUN TEL CO	14.2	14.1	13.4	12.3	-1.08%	-5.04%	-7.76%
462193	NUCLA-NATURITA TEL	10.6	10.1	10.4	10.6	-4.67%	2.30%	2.49%
462194	NUNN TEL CO	2.4	2.7	2.1	2.4	12.93%	-21.24%	11.29%
462196	PEETZ COOP TEL CO	2.3	2.4	2.6	2.3	7.42%	5.60%	-8.64%
462199	PLAINS COOP TEL ASSN	14.8	15.2	16.5	17.4	2.65%	8.22%	5.96%
462203	RYE TELEPHONE CO	13.1	14.3	15.0	16.6	9.53%	4.87%	10.73%
462207	STRASBURG TEL CO	8.8	8.7	9.1	9.9	-1.39%	5.31%	8.53%
461835	SUNFLOWER TEL - CO	3.2	3.4	3.2	3.3	5.84%	-7.17%	2.40%
462208	UNIVERSAL TEL CO -CO	48.9	51.1	49.8	53.0	4.44%	-2.55%	6.47%
462209	WIGGINS TEL ASSOC	11.4	11.3	12.2	14.2	-1.30%	7.88%	16.35%
210336	ALLTEL FLORIDA INC.	618.8	687.7	805.4	904.1	11.12%	17.11%	12.26%
210291	FLORALA TEL CO	23.5	22.4	23.3	24.8	-4.83%	4.06%	6.50%
210329	GULF TEL CO	132.0	120.2	129.9	135.6	-8.97%	8.11%	4.35%
210331	INDIANTOWN SYSTEM	24.2	29.4	28.8	32.2	21.78%	-2.06%	11.71%
210335	NORTHEAST FLORIDA	63.6	70.4	81.8	80.7	10.78%	16.07%	-1.23%
210338	QUINCY TEL CO-FL DIV	149.8	159.0	169.7	180.5	6.20%	6.70%	6.38%
210318	SOUTHLAND TEL-FL	42.4	50.8	58.5	73.6	19.84%	14.98%	25.83%
210339	ST JOSEPH TEL & TEL	303.8	250.8	270.0	287.8	-17.44%	7.63%	6.62%
210330	VISTA-UNITED TELCOM	146.3	186.3	215.8	245.5	27.35%	15.86%	13.75%
220357	ALLTEL GEORGIA INC.	N/A	N/A	818.1	937.5	N/A	N/A	14.60%
220344	ALMA TEL CO	74.1	76.4	82.9	82.9	3.08%	8.48%	0.00%
220347	BRANTLEY TEL CO	39.8	41.9	47.0	52.0	5.19%	12.31%	10.52%
220351	CAMDEN TEL & TEL CO	135.9	158.2	180.5	205.5	16.40%	14.09%	13.84%
220355	CITIZENS TEL CO - GA	58.3	60.2	62.2	70.7	3.21%	3.38%	13.67%
220356	COASTAL UTILITIES	292.8	318.3	348.6	384.0	8.70%	9.55%	10.15%
220281	CONTEL OF SOUTH - GA	714.2	860.0	950.3	1,094.1	20.43%	10.49%	15.14%
220358	DARIEN TEL CO	43.4	46.1	48.7	51.6	6.34%	5.61%	5.92%
220360	ELLIJAY TEL CO	83.1	84.4	95.6	99.3	1.59%	13.27%	3.78%
220371	INTERSTATE TEL CO	191.8	192.5	200.5	217.8	0.38%	4.12%	8.63%
220377	PINELAND TEL COOP	119.9	126.0	128.7	131.8	5.10%	2.08%	2.46%
220379	PLANT TEL. CO.	97.0	101.9	108.1	114.1	5.01%	6.08%	5.62%
220381	PUBLIC SERVICE TEL	114.5	122.4	126.5	138.1	6.89%	3.39%	9.10%
220338	QUINCY TEL CO-GA DIV	12.4	12.9	13.5	14.6	4.10%	4.04%	8.88%
220386	STANDARD TEL CO	510.5	560.9	549.1	603.3	9.86%	-2.10%	9.87%
220392	WAVERLY HALL TEL CO	10.1	9.9	11.0	12.1	-1.96%	10.27%	9.99%
220394	WILKES TEL & ELC CO	128.0	134.6	144.4	140.4	5.10%	7.29%	-2.79%
472213	ALBION TEL CO INC	11.0	10.9	12.1	13.8	-1.32%	10.91%	14.24%
472215	CAMBRIDGE TEL CO	7.2	7.4	9.3	9.2	3.76%	24.73%	-0.60%
472225	CENTURY TEL OF IDAHO	30.1	36.6	37.7	40.3	21.34%	3.14%	6.73%
472177	CONTEL OF WEST-ID	188.5	130.5	138.8	149.9	-30.76%	6.34%	8.05%
472218	CUSTER TEL COOP	15.7	16.5	17.5	20.2	5.21%	5.92%	15.36%
472223	GEM STATE UTIL-ID	11.3	12.3	13.5	12.8	8.04%	9.97%	-4.84%
472423	INLAND TEL-ID	2.4	2.5	2.1	2.2	6.53%	-15.07%	2.17%
472226	MIDVALE TEL EXCH INC	1.5	1.5	3.2	3.4	0.74%	114.62%	6.97%
472231	PROJECT MUTUAL TEL	102.4	98.6	106.4	116.7	-3.70%	7.92%	9.64%
472232	ROCKLAND TEL CO INC	3.6	3.8	4.1	4.5	7.94%	8.05%	7.68%
472233	RURAL TEL CO - ID	1.6	1.6	1.5	1.5	-0.24%	-11.08%	3.31%
472295	SILVER STAR TEL- ID	3.0	3.3	3.4	3.9	8.08%	4.76%	12.50%
472234	TROY TELEPHONE CO	6.2	6.8	7.1	8.8	9.32%	4.57%	24.65%
341000	ALLTEL ILLINOIS INC.	516.1	495.1	500.2	541.3	-4.06%	1.02%	8.22%
341036	CONTEL OF ILLINOIS	1,950.8	2,021.5	2,128.4	2,236.2	3.62%	5.29%	5.06%
341004	EL PASO TEL CO	17.0	18.7	19.6	21.3	9.70%	4.78%	8.75%
341023	GRIDLEY TEL CO	11.9	11.8	11.9	12.8	-0.94%	0.72%	7.31%
341037	IL CONSOLIDATED TEL	985.3	1,059.7	1,073.1	1,132.4	7.56%	1.26%	5.52%
341038	INLAND TEL CO	44.0	44.3	46.2	49.9	0.76%	4.24%	8.05%
341045	LEAF RIVER VLY TEL	4.9	5.4	5.7	5.9	9.28%	7.26%	2.18%
341055	MIDLAND TEL CO	43.1	44.7	44.5	46.8	3.83%	-0.54%	5.20%
341060	MOULTRIE INDEPENDENT	7.1	7.3	7.8	7.8	2.14%	7.50%	-0.10%
320753	CLAY CTY RURAL COOP	104.4	112.3	119.6	133.5	7.58%	6.48%	11.65%
320776	COMM CORP OF INDIANA	0.0	83.1	128.8	143.8	N/A	54.89%	11.68%
320779	CONTEL OF INDIANA	1,841.5	2,089.3	2,275.0	2,501.0	13.46%	8.89%	9.93%
320797	NEW PARIS TEL INC	19.3	22.6	23.2	25.9	17.31%	2.62%	11.78%
320800	NORTHWESTERN INDIANA	110.5	115.4	121.7	130.4	4.38%	5.51%	7.15%
351346	ACE TEL ASSN-IA	31.8	40.9	45.6	54.8	28.69%	11.55%	20.17%
351105	AYRSHIRE FARMERS MUT	3.1	3.2	3.5	3.3	5.29%	6.98%	-5.63%
351110	BERNARD TEL CO INC	5.8	6.0	6.0	7.2	3.33%	0.90%	18.54%
351127	CENDEL OF IOWA	N/A	609.3	617.9	651.1	N/A	1.41%	5.37%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	66.5	70.4	74.5	67.2	5.88%	5.69%	-9.70%
351229	LOST NATION-ELWOOD	7.7	6.3	6.4	8.4	-17.43%	1.32%	30.97%
351316	UNITED FARMERS TEL	N/A	6.5	6.8	6.6	N/A	4.93%	-3.97%
351327	WEBB-DICKENS TEL	4.0	4.2	4.5	4.3	4.53%	6.85%	-2.54%
411741	ASSARIA TEL EXCHANGE	5.1	5.4	5.8	6.7	6.72%	7.87%	13.85%
411746	BLUE VALLEY TEL CO	25.3	25.5	25.5	26.3	1.02%	-0.05%	3.21%
411818	CRAW-KAN TEL COOP	125.2	130.6	132.4	137.6	4.32%	1.33%	3.94%
411761	CUNNINGHAM TEL CO	14.5	13.0	13.4	14.7	-10.12%	2.73%	9.46%
411764	ELKHART TEL CO INC	15.3	14.6	14.9	16.3	-4.41%	2.15%	9.27%
411781	H & B COMMUNICATIONS	8.5	8.3	8.0	9.1	-2.84%	-3.22%	14.17%
411782	HOME TEL CO	12.7	13.1	14.3	12.1	3.09%	9.18%	-14.93%
411785	J. B. N. TEL CO INC	22.4	28.7	23.2	24.1	27.95%	-19.22%	3.76%
411788	KANOKLA TEL ASSN-KS	20.5	21.5	20.7	17.8	5.09%	-4.04%	-13.91%
411801	MADISON TEL CO INC	6.8	7.1	7.2	7.6	4.41%	0.97%	5.70%
411807	MOKAN DIAL INC-KS	20.6	23.2	25.1	24.1	12.77%	8.30%	-4.35%
411808	MOUNDRIDGE TEL CO	24.2	25.3	24.2	27.0	4.47%	-4.29%	11.72%
411814	PEOPLES MUTUAL TEL	10.6	11.0	10.8	11.2	3.22%	-1.80%	3.85%
411817	PIONEER TEL ASSN INC	N/A	141.0	139.2	157.1	N/A	-1.28%	12.82%
411826	RURAL TEL SERVICE CO	69.7	68.6	70.6	71.0	-1.51%	2.85%	0.58%
411827	S & T TEL COOP ASSN	17.0	15.8	15.9	16.9	-6.96%	0.87%	5.92%
411831	S. CENTRAL TEL - KS	9.9	8.8	9.2	9.6	-10.87%	4.32%	4.00%
411835	SUNFLOWER TEL CO	43.6	48.4	48.2	45.3	11.08%	-0.45%	-5.88%
412030	TOTAH TELEPHONE CO	11.5	11.5	11.9	13.8	-0.38%	3.20%	16.37%
411840	TWIN VALLEY TEL INC	19.6	19.8	20.0	20.8	0.61%	1.30%	3.85%
411841	UNITED TEL ASSN	47.9	50.2	51.8	53.8	4.90%	3.25%	3.71%
411847	WHEAT STATE TEL, INC	19.4	20.2	21.8	22.9	4.52%	7.89%	5.08%
411849	WILSON TEL CO INC	19.1	20.6	21.6	23.6	7.84%	4.93%	9.22%
411852	ZENDA TEL COMPANY	2.3	2.3	2.1	2.3	-2.43%	-6.42%	5.99%
260410	CONTEL OF KENTUCKY	997.2	1,066.3	1,097.1	1,193.3	6.94%	2.89%	8.77%
270431	CADDOAN TEL CO	110.1	133.4	118.4	132.1	21.16%	-11.24%	11.52%
270425	CAMERON TEL CO - LA	76.7	81.5	97.0	103.8	6.14%	19.14%	6.93%
270423	CENTRAL LOUISIANA	201.4	218.1	223.3	241.3	8.31%	2.38%	8.03%
270436	CENTURY NORTH LA	19.6	21.3	86.2	91.4	8.22%	305.47%	6.09%
270440	CENTURY TEL CO	29.7	34.0	33.9	39.2	14.65%	-0.45%	15.81%
270424	COASTAL TEL & ELEC	133.0	140.3	145.4	158.4	5.50%	3.62%	8.94%
270429	EAST ASCENSION TEL	362.5	394.0	419.7	431.9	8.69%	6.54%	2.91%
270430	ELIZABETH TEL CO	33.3	34.3	34.7	37.0	3.09%	1.23%	6.58%
270434	EVANGELINE TEL CO	672.7	410.8	433.6	473.4	-38.92%	5.53%	9.19%
270433	LAFOURCHE TEL CO	143.7	148.5	156.3	175.3	3.36%	5.25%	12.16%
270442	LOUISIANA WESTERN	46.2	50.8	52.2	53.4	9.86%	2.70%	2.40%
270435	NORTHEAST LOUISIANA	12.0	15.0	16.3	17.2	24.70%	8.33%	5.73%
270438	RESERVE TEL CO	N/A	N/A	33.8	66.1	N/A	N/A	95.29%
100004	CHINA TEL CORP	N/A	21.6	23.4	25.4	N/A	8.31%	8.79%
100014	CONTEL OF MAINE	366.7	371.2	398.4	413.2	1.22%	7.35%	3.70%
100010	HAMPDEN TEL CO	N/A	34.4	35.8	37.5	N/A	4.13%	4.77%
100011	HARTLAND & ST ALBANS	21.2	25.2	28.1	27.5	19.34%	11.21%	-2.11%
100003	LINCOLNVILLE TEL CO	10.4	12.2	13.1	14.6	16.54%	7.37%	11.75%
100024	SOMERSET TEL CO	70.1	73.5	79.9	86.4	4.78%	8.73%	8.10%
100025	STANDISH TEL CO	0.0	51.5	56.1	64.5	N/A	8.96%	14.92%
100027	UNION RIVER TEL CO	4.8	7.3	6.5	8.6	51.44%	-10.69%	31.32%
100029	UNITY TEL CO., INC.	N/A	31.5	35.6	39.6	N/A	13.09%	11.16%
100031	WARREN TEL CO	11.0	11.9	14.0	14.6	8.55%	17.57%	4.13%
100034	WEST PENOBSCOT TEL	15.1	15.7	17.4	18.7	3.71%	10.58%	7.56%
310704	ACE TEL OF MICHIGAN	20.9	25.7	30.7	33.9	23.17%	19.18%	10.44%
310681	ALLTEL MICHIGAN INC.	485.3	515.5	506.1	518.2	6.22%	-1.83%	2.38%
310679	BLOOMINGDALE TEL CO	13.1	14.6	15.8	17.3	11.55%	8.04%	9.86%
310682	C, C & S TELCO - MI	189.0	202.4	201.2	213.9	7.08%	-0.60%	6.31%
310683	CARR TEL CO	6.0	7.9	9.1	10.0	32.11%	15.04%	10.44%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	278.6	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	374.8	422.8	444.6	496.7	12.80%	5.15%	11.73%
310685	CHATHAM TEL CO - MI	22.5	24.1	26.5	26.4	7.21%	10.25%	-0.38%
310680	CHIPPEWA COUNTY TEL	5.7	6.5	7.2	8.1	13.75%	11.59%	11.92%
310713	HIAWATHA TEL CO	30.6	36.4	40.0	42.3	18.81%	9.87%	5.84%
310711	MIDWAY TEL CO	6.4	6.6	5.5	5.8	3.05%	-16.03%	4.45%
310714	OGDEN TEL CO	N/A	4.7	5.0	5.4	N/A	6.23%	7.78%
310717	ONTONAGON COUNTY TEL	40.2	42.9	44.4	44.5	6.50%	3.58%	0.30%
310721	PIGEON TEL CO	24.6	26.2	23.8	23.7	6.42%	-9.24%	-0.41%
310728	SPRINGPORT TEL CO	13.7	15.6	15.7	17.3	13.75%	0.38%	10.39%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	31.8	36.2	39.8	40.5	13.69%	9.99%	1.81%
310737	WINN TEL CO	N/A	6.2	6.9	6.6	N/A	11.90%	-4.39%
310738	WOLVERINE TEL CO	94.3	103.4	105.6	108.6	9.65%	2.14%	2.87%
361346	ACE TEL ASSN-MN	104.6	116.8	118.8	131.2	11.69%	1.68%	10.50%
361374	ARROWHEAD COMM CORP	3.6	4.4	4.6	4.5	21.95%	3.83%	-2.86%
361350	ARVIG TEL CO	59.2	72.7	75.9	75.3	22.99%	4.34%	-0.85%
361370	CLARA CITY TEL EXCH	14.3	14.0	14.9	15.3	-2.67%	6.69%	2.46%
361140	CONTEL MN DBA GTE MN	1,118.2	1,202.4	1,218.9	1,272.2	7.53%	1.37%	4.37%
361385	EAST OTTER TAIL TEL	116.7	149.8	176.1	194.3	28.40%	17.55%	10.36%
361395	GARDEN VALLEY TEL CO	140.9	147.1	152.8	160.0	4.40%	3.86%	4.71%
361410	JOHNSON TEL CO	8.8	9.8	10.1	10.7	10.77%	3.02%	5.55%
361414	LAKEDALE TEL CO	81.4	100.9	104.9	111.2	23.93%	4.02%	5.96%
361433	MID STATE TEL CO	59.1	57.8	59.3	72.2	-2.25%	2.54%	21.78%
361442	NEW ULM TELECOM, INC	96.4	105.0	109.0	107.2	8.98%	3.76%	-1.62%
361451	PAUL BUNYAN RURAL	56.0	61.5	63.9	68.5	9.98%	3.75%	7.26%
361483	SLEEPY EYE TEL CO	55.8	56.7	59.4	58.9	1.56%	4.88%	-0.83%
361491	TWIN VALLEY-ULEN TEL	35.4	29.2	32.1	34.2	-17.32%	9.68%	6.78%
280453	ALLTEL MISSISSIPPI	N/A	N/A	168.8	169.0	N/A	N/A	0.15%
280446	BAY SPRINGS TEL CO	133.7	142.5	154.5	158.8	6.59%	8.44%	2.77%
280452	DELTA TEL CO	38.5	44.6	55.8	55.8	15.86%	24.90%	0.00%
280454	FRANKLIN TEL CO - MS	89.3	86.5	91.2	93.2	-3.15%	5.42%	2.18%
280458	HOME TEL CO-OLIVE BR	N/A	134.5	157.0	193.5	N/A	16.71%	23.22%
280461	SOUTHEAST MS TEL CO	15.9	45.6	51.2	56.8	186.98%	12.32%	11.07%
421885	ALLTEL MISSOURI	283.9	304.4	306.6	321.8	7.19%	0.74%	4.94%
421865	CITIZENS TEL CO - MO	30.9	30.6	36.8	38.4	-1.04%	20.17%	4.50%
421922	CONTEL OF MISSOURI	1,626.5	1,847.7	2,108.7	2,362.0	13.60%	14.12%	12.01%
421846	CONTINENTAL SYS. -MO	489.9	509.9	506.1	551.2	4.08%	-0.74%	8.92%
421873	EASTERN MISSOURI TEL	24.6	26.4	28.4	31.6	7.52%	7.52%	10.99%
421882	FIDELITY TEL CO	111.7	116.6	115.4	131.4	4.35%	-0.98%	13.81%
421886	GOODMAN TEL CO	13.9	14.1	13.7	15.3	1.31%	-3.35%	12.12%
421888	GRAND RIVER MUT-MO	144.7	150.2	152.3	151.8	3.80%	1.41%	-0.31%
421929	HOLWAY TEL CO	6.8	7.5	7.5	6.3	9.67%	0.00%	-14.93%
421901	KINGDOM TELEPHONE	29.6	30.6	37.4	38.4	3.23%	22.34%	2.73%
421908	LE-RU TELEPHONE CO	9.7	10.3	10.5	10.8	6.22%	2.56%	2.24%
421904	MISSOURI TEL CO	179.1	187.3	193.9	216.3	4.59%	3.53%	11.53%
421807	MOKAN DIAL INC-MO	7.0	8.3	7.5	8.2	18.44%	-10.54%	9.79%
421931	NE MISSOURI RURAL	38.2	40.6	41.9	42.8	6.39%	3.06%	2.11%
421934	ORCHARD FARM TEL CO	6.9	7.1	7.6	8.1	3.64%	6.73%	6.19%
421951	STOUTLAND TEL CO	10.0	10.9	11.2	11.9	8.74%	2.66%	6.36%
482235	BLACKFOOT TEL COOP	48.1	53.3	54.5	56.4	10.78%	2.32%	3.42%
482241	HOT SPRINGS TEL CO	N/A	6.5	4.4	4.3	N/A	-32.08%	-2.43%
482242	INTERBEL TEL COOP	8.9	9.4	11.6	12.8	6.08%	23.33%	10.21%
482244	LINCOLN TEL CO INC	5.3	5.8	6.3	6.5	8.83%	8.57%	4.31%
482246	MID-RIVERS TEL COOP	74.3	76.5	77.7	76.8	3.04%	1.50%	-1.15%
482247	NEMONT TEL COOP-MT	19.9	22.9	23.1	23.8	14.68%	1.15%	3.09%
482248	NORTHERN TEL COOP	14.8	15.8	16.9	15.7	6.44%	7.25%	-7.50%
482249	NW TEL SYSTEMS, INC.	363.8	301.3	456.3	475.3	-17.18%	51.46%	4.16%
482250	PROJECT TEL CO	23.6	26.5	29.4	33.7	12.25%	10.98%	14.68%
482251	RANGE TEL COOP-MT	32.2	33.5	34.7	38.8	3.95%	3.50%	11.89%
482254	SOUTHERN MONTANA TEL	5.6	6.5	6.9	7.7	15.17%	6.16%	11.38%
482257	TRIANGLE TEL COOP	95.5	97.5	101.8	108.2	2.05%	4.42%	6.32%
482258	VALLEY RURAL TEL	6.4	6.8	7.2	7.6	7.04%	5.46%	5.06%
482255	3-RIVERS TEL COOP	80.1	87.1	95.1	99.3	8.82%	9.12%	4.43%
371516	ARAPAHOE TEL CO	10.5	10.5	10.3	11.4	0.14%	-1.90%	11.22%
371517	ARLINGTON TEL CO	10.8	11.4	11.2	11.6	5.30%	-1.57%	3.82%
372455	BENKELMAN TEL CO	N/A	11.8	11.7	12.2	N/A	-0.27%	4.20%
371524	BLAIR TEL CO	67.2	72.9	75.9	85.2	8.58%	4.06%	12.26%
371526	CAMBRIDGE TEL CO -NE	N/A	11.5	11.5	12.0	N/A	0.24%	4.69%
371531	CLARKS TEL CO	6.7	7.6	9.3	9.5	13.70%	22.80%	1.64%
371534	COZAD TEL CO	25.0	26.4	27.0	28.9	5.38%	2.35%	6.97%
371536	CURTIS TEL CO	8.4	8.1	8.2	8.7	-3.31%	0.98%	6.39%
371537	DALTON TEL CO, INC	13.2	14.4	13.9	14.1	8.90%	-3.41%	1.65%
371540	DILLER TEL CO	8.6	8.6	8.0	8.3	-0.00%	-6.91%	4.70%
371542	EASTERN NEBRASKA TEL	26.5	27.8	27.4	28.5	4.70%	-1.24%	3.86%
371577	GREAT PLAINS COMMUN	268.2	276.8	276.6	282.8	3.22%	-0.08%	2.25%
371557	HARTMAN TEL EXCH INC	4.8	4.8	4.6	4.6	0.54%	-3.80%	0.34%
371558	HEMINGFORD COOP TEL	10.7	12.0	12.5	12.6	11.68%	4.77%	0.37%
371567	KEYSTONE-ARTHUR TEL	2.5	2.6	2.6	2.8	1.95%	-0.21%	6.12%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
371574 NEBRASKA CENTRAL TEL	36.6	39.4	69.1	72.1	7.61%	75.41%	4.25%
371580 PETERSBURG TEL CO	4.1	4.4	4.4	4.7	9.43%	-0.27%	6.78%
371586 ROCK COUNTY TEL CO	11.6	12.9	13.1	12.4	11.23%	1.34%	-5.78%
371591 SE NEBRASKA TEL CO	N/A	46.8	51.3	62.2	N/A	9.55%	21.16%
371592 STANTON TEL CO, INC	11.7	12.3	12.7	14.0	5.19%	2.52%	10.50%
371525 THREE RIVER TELCO	12.2	12.3	12.7	13.2	1.07%	2.86%	4.45%
371597 WAUNETA TEL CO	6.1	7.0	7.2	7.1	15.22%	2.47%	-2.26%
552284 BEEHIVE TEL CO - NV	N/A	0.8	1.5	1.3	N/A	90.75%	-13.30%
552349 CHURCHILL COUNTY TEL	91.9	104.3	113.3	125.0	13.42%	8.66%	10.32%
552304 CP NATIONAL-NV	108.3	158.0	176.1	171.6	45.85%	11.46%	-2.57%
552223 GEM STATE UTIL-NV	2.6	3.3	4.1	4.3	25.76%	24.22%	6.23%
552351 LINCOLN CTY TEL SYS	14.4	15.5	16.5	17.8	7.42%	6.49%	7.67%
552353 MOAPA VALLEY TEL CO.	20.8	26.1	29.2	35.4	25.57%	12.07%	21.12%
552354 NEVADA TEL-TELEGRAPH	25.8	28.5	31.5	32.2	10.35%	10.56%	2.40%
552356 RIO VIRGIN TEL CO	10.6	13.4	14.0	17.8	26.50%	4.95%	26.88%
552233 RURAL TEL CO - NV	0.9	3.3	4.6	4.5	260.57%	37.69%	-2.10%
120038 BRETTON WOODS TEL CO	1.1	1.7	2.0	2.1	49.72%	18.94%	4.25%
120040 CHICHESTER TEL CO	N/A	16.5	11.9	16.6	N/A	-28.15%	40.23%
120041 CONTEL OF NH	94.0	105.8	108.0	109.0	12.50%	2.13%	0.93%
120039 GRANITE STATE TEL	63.5	69.0	75.1	80.9	8.68%	8.85%	7.69%
120045 KEARSARGE TEL CO	49.2	54.3	59.6	64.3	10.37%	9.82%	7.84%
120046 MERIDEN TEL CO	4.0	4.5	4.7	5.1	14.06%	3.84%	8.97%
120047 MERRIMAK COUNTY TEL	79.8	87.2	96.5	68.1	9.24%	10.71%	-29.45%
120049 UNION TEL CO	29.2	41.3	48.4	50.9	41.38%	17.17%	5.05%
120050 WILTON TEL CO - NH	26.3	34.2	32.0	30.7	29.93%	-6.34%	-4.04%
160135 WARWICK VALLEY-NJ	91.4	98.7	108.0	116.2	7.97%	9.41%	7.55%
492259 BACA VALLEY TEL CO	5.8	6.0	5.8	6.6	3.91%	-3.16%	13.66%
492177 CONTEL OF WEST - NM	342.9	275.8	310.4	321.9	-19.56%	12.53%	3.73%
492066 DELL TEL CO-OP - NM	2.1	2.4	2.4	2.4	14.17%	-0.65%	2.02%
492262 ENMR TEL COOP INC-NM	99.8	96.6	122.1	119.5	-3.23%	26.37%	-2.10%
492263 LA JICARITA RURAL	20.9	21.7	22.5	20.9	3.72%	3.87%	-7.04%
492264 LEACO RURAL TEL COOP	9.7	9.7	9.6	10.5	0.53%	-1.45%	9.61%
492275 NAVAJO COMMUN - NM	30.3	31.6	30.6	32.3	4.32%	-3.25%	5.77%
492270 PENASCO VALLEY TEL	20.6	19.2	19.5	19.6	-6.77%	1.97%	0.04%
492272 ROOSEVELT CNTY RURAL	20.1	20.7	20.6	21.6	2.84%	-0.31%	4.60%
492274 UNIVERSAL TEL OF SW	30.9	34.3	37.1	38.6	10.83%	8.08%	4.02%
492176 VALLEY TEL COOP - NM	12.0	13.3	14.5	15.9	11.08%	9.02%	9.50%
492268 WESTERN NEW MEXICO	44.2	44.6	49.9	53.0	0.83%	11.93%	6.30%
150106 ALLTEL NY-FULTON	156.2	656.4	713.6	718.2	320.13%	8.72%	0.64%
150109 ALLTEL NY-JAMESTOWN	148.2	624.6	706.1	699.8	321.46%	13.06%	-0.89%
150113 ALLTEL NY-RED JACKET	7.2	29.3	31.7	34.5	309.17%	8.27%	8.57%
150072 AU SABLE VALLEY TEL	35.5	53.0	57.3	60.1	49.17%	8.02%	4.98%
150077 CHAMPLAIN TEL CO	48.3	52.6	57.4	46.9	8.86%	9.09%	-18.35%
150078 CHAUTAUQUA & ERIE	99.4	109.1	118.0	119.9	9.79%	8.11%	1.63%
150081 CITIZENS HAMMOND NY	8.4	8.8	9.3	9.8	3.86%	5.71%	5.63%
150085 CROWN POINT TEL CORP	7.4	9.3	10.2	10.8	25.62%	9.97%	5.46%
150091 DUNKIRK & FREDONIA	107.7	113.5	125.0	133.9	5.41%	10.06%	7.15%
150092 EDWARDS TEL CO	17.0	17.8	18.6	18.2	4.14%	4.64%	-2.10%
150093 EMPIRE TEL CORP	55.2	57.0	66.9	73.2	3.21%	17.45%	9.45%
150097 GERMANTOWN TEL CO	21.1	23.1	23.5	24.2	9.60%	1.43%	3.23%
150099 HANCOCK TEL CO	13.4	14.4	15.4	15.7	7.28%	7.19%	2.14%
150100 HIGHLAND TEL CO	812.7	882.6	965.6	1,060.6	8.60%	9.40%	9.84%
150105 MIDDLEBURGH TEL CO	46.6	50.3	53.4	56.4	8.00%	6.21%	5.58%
150108 NICHOLVILLE TEL CO	18.7	18.8	18.9	19.9	0.79%	0.32%	5.70%
150110 OGDEN TEL CO	260.5	278.3	298.6	314.8	6.81%	7.31%	5.43%
150116 PATTERSONVILLE TEL	N/A	14.4	20.7	22.7	N/A	43.83%	9.58%
150122 SENECA-GORHAM TEL	80.8	86.9	94.8	98.9	7.59%	9.07%	4.28%
150128 SYLVAN LAKE TEL CO	243.1	288.8	305.5	323.1	18.82%	5.80%	5.74%
150084 TACONIC TEL CORP	190.8	225.2	225.2	218.9	18.05%	-0.01%	-2.79%
150133 VERNON TEL CO	25.2	26.6	31.1	33.5	5.40%	17.26%	7.55%
150135 WARWICK VALLEY-NY	137.0	146.0	157.5	166.8	6.55%	7.89%	5.84%
230476 ALLTEL CAROLINA-NO	1,411.5	1,531.4	1,668.2	1,839.4	8.50%	8.93%	10.26%
230468 ATLANTIC MEMBERSHIP	196.5	214.9	226.9	238.9	9.40%	5.56%	5.28%
230469 BARNARDSVILLE TEL CO	10.3	13.6	15.7	18.0	32.56%	15.04%	14.76%
230473 CITIZENS TEL CO	189.0	195.1	212.9	215.4	3.21%	9.14%	1.18%
230474 CONCORD TEL CO	1,068.0	1,099.8	1,150.4	1,190.9	2.98%	4.60%	3.52%
230509 CONTEL OF NC	1,233.1	1,312.3	1,400.0	1,499.4	6.42%	6.69%	7.10%
230481 HEINS TEL CO	369.6	399.7	249.1	275.2	8.14%	-37.67%	10.46%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL DIAL EQUIPMENT MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	180.9	194.9	201.2	218.0	7.72%	3.27%	8.30%
230510	WILKES MEMBERSHIP	121.8	128.5	142.9	149.4	5.52%	11.20%	4.56%
381607	CONSOLIDATED COOP	52.3	51.3	56.8	56.9	-1.86%	10.59%	0.18%
381447	CONTEL ND DBA GTE ND	97.2	131.9	131.2	132.9	35.75%	-0.49%	1.28%
381616	INTER-COMMUNITY TEL	14.5	15.4	15.6	14.7	5.59%	1.66%	-6.17%
381617	MIDSTATE TEL CO	13.7	15.3	16.0	17.1	11.55%	4.59%	7.12%
381630	POLAR COMM MUT AID	112.0	115.9	119.7	119.3	3.48%	3.27%	-0.33%
381632	RESERVATION TEL COOP	52.1	55.0	50.0	54.4	5.54%	-9.07%	8.69%
381634	SOURIS RIVER TELECOM	142.1	154.4	158.6	160.5	8.64%	2.67%	1.21%
381637	W. RIVER TELECOM.	115.2	117.2	114.8	120.3	1.74%	-1.99%	4.72%
300665	ALLTEL OHIO-WEST OH	214.4	228.6	244.3	251.4	6.64%	6.85%	2.91%
300682	C, C & S TELCO -OHIO	6.2	4.6	4.6	4.1	-24.75%	-1.84%	-9.44%
300607	CONTINENTAL OF OHIO	20.0	26.5	26.5	26.3	32.38%	0.17%	-0.92%
300613	LITTLE MIAMI COMM.	13.6	25.4	28.3	28.4	85.86%	11.74%	0.15%
300597	THE CHILLICOTHE TEL	423.2	454.7	499.5	506.3	7.43%	9.87%	1.34%
431965	ALLTEL OKLAHOMA INC	140.1	142.8	145.5	146.2	1.95%	1.89%	0.47%
431966	ATLAS TEL CO	N/A	17.0	17.5	18.6	N/A	2.65%	6.76%
431974	CANADIAN VALLEY TEL	7.1	6.5	6.8	7.3	-8.61%	4.47%	7.50%
431976	CARNEGIE TEL CO INC	18.0	18.1	17.8	17.3	0.85%	-1.78%	-2.65%
431979	CHEROKEE TEL CO	53.2	52.5	56.2	58.4	-1.44%	7.08%	3.95%
431980	CHICKASAW TEL CO	87.9	86.4	87.5	91.4	-1.65%	1.23%	4.43%
431981	CHOUTEAU TEL CO	27.1	28.9	31.3	30.8	6.77%	8.24%	-1.68%
431985	CROSS TEL CO	83.5	86.6	90.9	96.5	3.73%	4.95%	6.06%
431988	DOBSON TEL CO	52.7	53.5	52.6	61.2	1.56%	-1.81%	16.37%
431994	GRAND TEL CO INC	28.2	25.5	25.4	28.3	-9.69%	-0.12%	11.37%
431995	HINTON TEL CO	35.3	37.9	35.2	35.3	7.42%	-7.18%	0.36%
431788	KANOKLA TEL ASSN-OK	13.4	12.7	12.0	11.8	-5.39%	-5.11%	-1.71%
432006	M-CLOUD TEL CO	141.1	96.2	126.5	105.0	-31.82%	31.41%	-16.98%
432011	OKLAHOMA ALLTEL, INC	150.1	159.3	169.1	181.6	6.13%	6.14%	7.39%
431984	OKLAHOMA COMM SYSTEM	177.5	178.2	183.2	205.0	0.41%	2.79%	11.91%
432013	OKLAHOMA TEL & TEL	19.1	19.2	20.6	20.6	1.01%	6.84%	0.00%
432014	OKLAHOMA WESTERN TEL	25.2	26.1	28.3	30.1	3.45%	8.41%	6.28%
432016	PANHANDLE TEL COOP	49.3	51.7	54.0	56.3	4.87%	4.41%	4.29%
432018	PIONEER TEL COOP INC	446.7	456.5	458.1	461.9	2.20%	0.36%	0.83%
432020	POTTAWATOMIE TEL CO	19.9	19.2	20.7	21.8	-3.40%	7.51%	5.57%
431831	S. CENTRAL TEL - OK	4.0	3.3	3.7	3.4	-16.74%	11.12%	-6.83%
432030	TOTAH TELEPHONE CO	18.5	18.6	19.5	19.5	0.58%	4.94%	-0.04%
432032	VALLIANT TEL CO	23.5	26.9	28.8	30.3	14.45%	7.20%	5.13%
432034	WYANDOTTE TEL CO	N/A	4.2	4.2	4.5	N/A	1.13%	5.95%
532404	ASOTIN TEL - OR	0.5	0.8	0.8	0.9	53.47%	11.17%	9.29%
532359	BEAVER CREEK COOP	51.7	53.9	53.6	57.1	4.17%	-0.55%	6.64%
532304	C P NATIONAL CORP-OR	103.6	103.8	109.3	120.0	0.19%	5.24%	9.86%
532362	CANBY TEL ASSN	92.1	100.7	106.3	118.5	9.31%	5.61%	11.51%
532371	CASCADE UTIL INC	90.2	95.8	103.5	112.7	6.20%	8.10%	8.90%
532363	CLEAR CREEK MUTUAL	43.5	45.6	49.1	47.8	4.82%	7.50%	-2.66%
532364	COLTON TEL CO	12.1	12.7	13.3	14.8	5.47%	4.71%	10.93%
532449	CONTEL OF THE NW- OR	370.8	282.9	306.7	344.9	-23.71%	8.40%	12.47%
532376	HELIX TEL CO.	1.9	1.7	2.1	2.2	-12.17%	25.84%	4.50%
532377	HOME TELEPHONE CO	5.0	4.6	4.8	5.6	-6.87%	3.28%	16.22%
532456	MALHEUR HOME TEL CO	152.7	157.2	164.3	161.6	2.96%	4.47%	-1.63%
532226	MIDVALE TEL EXCH -OR	3.1	1.6	1.8	1.6	-49.92%	17.63%	-10.80%
532383	MOLALLA TEL CO.	55.7	59.6	67.5	61.4	7.01%	13.24%	-9.03%
532385	MONROE TELEPHONE CO.	6.6	6.9	7.8	7.5	4.23%	13.56%	-4.06%
532387	NEHALEM TEL & TEL	11.6	12.5	15.4	18.2	8.15%	23.26%	18.20%
532388	NORTH STATE TEL CO.	3.5	3.7	4.1	4.6	8.30%	8.20%	13.33%
532389	OREGON TEL CORP	13.6	15.0	15.9	17.2	10.09%	6.12%	7.82%
532392	PINE TEL SYSTEM INC.	6.7	6.2	6.7	6.3	-7.53%	9.10%	-6.11%
532393	PIONEER TEL COOP	93.9	101.4	109.9	124.7	7.90%	8.39%	13.47%
532375	RTI/HALSEY TEL CO	9.5	9.4	8.2	8.7	-1.01%	-12.31%	5.98%
532397	SCIO MUTUAL TEL ASSN	14.5	15.8	16.9	15.0	9.57%	6.58%	-11.05%
532361	TEL UTIL OF OREGON	434.4	431.9	496.8	494.9	-0.57%	15.02%	-0.38%
532378	TRANS-CASCADES TEL	1.1	1.0	1.1	1.2	-12.10%	8.89%	14.45%
170170	CONTEL OF PA	660.1	708.9	760.1	792.6	7.39%	7.22%	4.28%
170177	LACKAWAXEN TEL CO	N/A	16.4	18.6	20.2	N/A	13.43%	8.73%
170183	MAHANAY & MAHANTONGO	N/A	34.2	35.5	36.7	N/A	3.64%	3.41%
170192	NORTH PENN TEL CO	40.5	42.1	45.9	48.5	3.88%	9.14%	5.61%
170194	OSWAYO RIVER TEL CO	17.9	19.1	20.3	21.2	6.53%	6.60%	4.21%
170201	QUAKER STATE TEL CO	337.6	355.0	408.9	427.6	5.16%	15.17%	4.58%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	8.3	9.2	9.7	9.4	10.27%	5.22%	-3.17%
633200	PUERTO RICO COMM	N/A	1,532.0	1,446.4	1,594.4	N/A	-5.59%	10.23%
240512	BLUFFTON TEL. CO.	22.3	24.5	31.0	45.2	9.91%	26.70%	45.59%
240526	CONTEL OF SC	238.4	239.4	287.8	359.1	0.42%	20.22%	24.78%
240520	FARMERS TEL COOP	647.4	705.6	774.7	878.1	8.98%	9.79%	13.35%
240523	HARGRAY TEL CO	333.9	370.8	440.1	507.6	11.03%	18.70%	15.33%
240528	HORRY TEL COOP	438.3	665.6	606.1	609.8	51.87%	-8.94%	0.61%
240533	MCCLELLANVILLE TEL	13.6	15.6	17.6	18.8	14.29%	12.94%	6.79%
240539	POND BRANCH TEL CO	96.4	107.1	108.0	119.1	11.12%	0.81%	10.30%
240551	WELLISTON TEL CO	47.7	53.3	56.8	58.8	11.77%	6.51%	3.64%
391647	CHEYENNE RIVER SIOUX	28.1	28.0	33.4	30.2	-0.45%	19.39%	-9.54%
391643	CONTEL SD DBA GTE SD	83.4	95.4	107.0	114.0	14.30%	12.19%	6.59%
391659	GOLDEN WEST TELECOMM	139.6	148.8	151.4	154.9	6.59%	1.75%	2.27%
391666	JEFFERSON TEL CO -SD	4.2	4.6	4.4	5.6	8.37%	-3.18%	25.73%
391667	KADOKA TELEPHONE CO	4.7	4.6	5.3	5.7	-1.88%	16.88%	7.58%
391668	KENNEBEC TEL CO	2.6	2.6	2.7	2.9	0.54%	3.66%	6.12%
391689	WEST RIVER COOP	22.0	21.6	22.9	22.0	-1.63%	6.01%	-3.94%
290552	ADAMSVILLE TEL CO	N/A	99.7	93.3	100.9	N/A	-6.45%	8.18%
290571	MILLINGTON TEL CO	329.2	344.9	352.8	360.7	4.78%	2.30%	2.23%
290575	TENNESSEE TEL CO	622.8	666.4	730.5	762.4	7.00%	9.63%	4.36%
290579	TWIN LAKES TEL COOP	348.7	346.4	376.6	407.0	-0.65%	8.71%	8.08%
442121	ALLTEL TEXAS INC	31.8	31.4	33.1	33.8	-1.05%	5.13%	2.13%
442039	BIG BEND TEL CO INC	24.2	26.0	27.0	28.1	7.79%	3.49%	4.33%
442040	BRAZORIA TEL CO	70.4	75.4	79.1	85.4	7.01%	4.98%	8.00%
442041	BRAZOS TEL COOP INC	8.5	7.4	7.4	7.7	-12.39%	-0.97%	4.97%
440425	CAMERON TEL CO TEXAS	7.9	8.4	8.1	8.4	6.77%	-4.28%	3.52%
442046	CAP ROCK TEL CO INC	24.6	24.6	24.8	25.3	-0.05%	0.74%	2.29%
442052	CENTRAL TEXAS CO-OP	34.2	35.0	36.4	37.3	2.60%	3.99%	2.42%
442059	COLORADO VALLEY TEL	47.3	47.3	44.7	49.3	-0.08%	-5.56%	10.45%
442066	DELL TEL. CO-OP - TX	4.6	5.8	6.0	5.9	25.09%	3.32%	-1.27%
442068	EASTEX TEL COOP INC	220.3	284.6	245.2	260.1	29.22%	-13.86%	6.09%
442262	ENMR TEL COOP-TX	8.9	8.4	8.9	9.8	-5.38%	5.64%	10.30%
442070	ETEX TEL COOP INC	89.9	128.6	130.1	137.3	43.13%	1.12%	5.57%
442071	FIVE AREA TEL CO-OP	19.7	20.1	19.4	25.5	2.24%	-3.42%	31.41%
442072	FORT BEND TEL CO	267.7	287.9	300.8	345.9	7.57%	4.47%	15.00%
442076	GANADO TELEPHONE CO	13.6	13.5	15.9	15.5	-0.97%	17.58%	-2.20%
442083	GUADALUPE VALLEY TEL	151.8	165.4	182.3	212.8	9.01%	10.19%	16.76%
442086	HILL COUNTRY CO-OP	82.9	108.6	90.9	98.3	31.02%	-16.27%	8.16%
442093	INDUSTRY TEL CO	12.8	13.1	12.8	14.2	1.93%	-2.13%	11.23%
442097	KERRVILLE TEL CO	183.6	183.6	189.4	192.4	-0.00%	3.13%	1.60%
442103	LA WARD TEL EXCHANGE	6.6	7.1	7.1	7.1	7.06%	0.36%	0.17%
442101	LAKE DALLAS TEL CO	52.3	46.4	53.0	59.1	-11.12%	14.13%	11.56%
442104	LAKE LIVINGSTON TEL	5.1	5.1	5.3	5.5	-1.16%	4.00%	4.70%
442105	LIPAN TEL CO	N/A	N/A	10.8	9.3	N/A	N/A	-14.17%
442109	LUFKIN-CONROE TEL EX	1,143.2	1,040.9	1,067.4	1,142.0	-8.94%	2.54%	6.99%
442112	MID-PLAINS RURAL TEL	25.5	24.9	23.8	25.4	-2.36%	-4.52%	6.84%
442116	MUNSTER TEL CORP-TX	18.9	26.3	28.6	29.6	39.00%	8.65%	3.61%
442117	MUSTANG TEL CO	18.8	17.7	19.0	20.2	-5.68%	7.57%	6.30%
442130	PEOPLES TEL COOP -TX	74.6	74.5	79.9	82.5	-0.13%	7.14%	3.30%
442131	POKA-LAMBRO TEL COOP	38.1	37.4	35.2	37.4	-1.71%	-5.95%	6.11%
442134	RIVIERA TEL CO INC	7.7	8.2	8.4	8.1	6.80%	2.08%	-2.67%
442147	SUGAR LAND TEL CO	471.0	567.7	632.1	675.0	20.51%	11.35%	6.79%
442150	TATUM TEL CO	N/A	N/A	8.9	9.4	N/A	N/A	6.08%
442151	TAYLOR TEL CO-OP INC	64.1	65.2	67.5	65.9	1.81%	3.41%	-2.24%
442159	VALLEY TEL CO-OP -TX	47.9	61.8	53.7	61.0	28.92%	-13.11%	13.66%
442168	WES-TEX TEL CO-OP	42.1	38.5	41.7	37.7	-8.49%	8.20%	-9.51%
442166	WEST TEXAS RURAL TEL	24.5	25.6	23.3	25.5	4.15%	-8.68%	9.12%
442170	XIT RURAL TEL CO-OP	11.9	11.4	11.1	12.2	-4.21%	-2.85%	9.98%
502284	BEEHIVE TEL CO - UT	N/A	10.6	11.1	11.6	N/A	4.82%	5.16%
502277	CENTRAL UTAH TEL INC	10.1	10.1	11.3	12.8	0.54%	11.58%	13.65%
502177	CONTEL THE WEST - UT	253.5	194.6	204.2	235.8	-23.24%	4.95%	15.44%
502278	EMERY COUNTY FARMERS	35.9	38.6	40.1	44.4	7.48%	3.80%	10.75%
502280	KAMAS-WOODLAND TEL	13.3	14.2	16.0	17.3	6.43%	12.92%	7.62%
502275	NAVAJO COMMUN - UT	2.7	2.8	3.0	2.8	5.76%	6.78%	-6.26%
502286	SOUTH CENTRAL UTAH	25.5	28.0	33.8	32.1	9.76%	20.99%	-5.15%
502287	UINTAH BASIN TEL	30.8	27.8	34.7	29.8	-9.52%	24.55%	-13.97%
502288	UT-WY TELECOM	10.9	5.4	5.6	5.7	-50.48%	3.07%	3.45%
140070	CONTEL OF VERMONT	328.0	344.9	345.6	368.4	5.16%	0.20%	6.62%

TABLE 4.12
TOTAL DIAL EQUIPMENT MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
	1987	1988	1989	1990	1988	1989	1990
140058 LUDLOW TEL CO	23.2	26.0	29.3	30.3	11.98%	12.86%	3.46%
140061 NORTHFIELD TEL CO	29.1	30.2	32.8	36.1	3.99%	8.48%	10.19%
140062 PERKINSVILLE TEL CO	6.2	6.7	6.1	8.3	6.86%	-8.33%	35.73%
140068 TOPSHAM TEL CO	10.2	11.9	13.4	12.9	16.22%	12.65%	-3.24%
643300 VIRGIN ISLANDS TEL	1,283.0	1,076.1	1,076.1	1,074.9	-16.12%	0.00%	-0.11%
140069 WAITSFIELD/FAYSTON	36.0	37.2	38.9	41.4	3.26%	4.73%	6.36%
190217 AMELIA TEL CORP	39.4	44.6	48.0	52.6	13.18%	7.83%	9.42%
190249 ROANOKE & BOTETOURT	N/A	113.8	119.5	127.6	N/A	5.00%	6.82%
522404 ASOTIN TEL - WA	10.4	11.4	11.7	13.1	9.50%	2.48%	12.21%
522449 CONTEL OF THE NW-WA	744.6	628.9	693.6	755.8	-15.54%	10.29%	8.97%
522410 CECHE TELEPHONE CO	14.0	14.4	15.5	17.1	2.59%	7.71%	10.27%
522412 ELLENSBURG TEL CO	164.3	179.0	207.1	226.4	8.95%	15.70%	9.28%
522417 HAT ISLAND	N/A	N/A	0.1	0.2	N/A	N/A	29.29%
522419 HOOD CANAL TEL CO	4.8	5.1	5.5	6.0	7.14%	7.06%	10.24%
522423 INLAND TEL CO -WA	13.0	15.0	13.2	14.6	15.20%	-11.77%	10.27%
522426 KALAMA TEL CO	16.5	18.2	19.6	21.6	10.00%	7.70%	10.51%
522427 LEWIS RIVER TEL CO	25.4	27.6	32.1	32.2	8.42%	16.51%	0.29%
522431 MASHELL TEL CO INC	17.6	19.1	20.8	23.5	8.35%	8.70%	13.28%
522436 PENINSULA TELECOMM	52.0	56.3	56.4	65.2	8.15%	0.30%	15.46%
522437 PIONEER TEL CO	7.1	7.3	7.5	8.3	1.65%	3.18%	10.70%
522442 ST JOHN TEL CO	5.0	5.1	5.8	6.3	2.02%	13.22%	8.31%
522408 TEL UTIL OF WA INC	876.7	986.6	1,026.5	1,143.9	12.54%	4.04%	11.43%
522446 TENINO TELEPHONE CO	22.5	25.1	27.2	29.1	11.60%	8.32%	6.77%
522447 TOLEDO TELEPHONE CO	16.8	15.5	17.1	18.8	-7.71%	10.87%	9.48%
522451 WESTERN WAHIAKUM	9.1	9.8	10.3	10.3	7.63%	5.30%	-0.15%
522452 WHIDBEY TEL CO	65.2	61.6	73.9	89.4	-5.59%	20.03%	21.03%
522453 YELM TELEPHONE CO	64.4	68.8	79.9	83.8	6.71%	16.13%	4.88%
200278 CONTEL OF WV	378.2	412.2	449.3	475.7	8.99%	9.02%	5.88%
200259 HARDY TEL CO	23.2	27.8	30.8	32.3	20.02%	10.62%	4.93%
200270 MOUNTAIN STATE TEL	300.4	311.8	321.9	310.5	3.78%	3.24%	-3.54%
330841 CENCOM OF WISCONSIN	203.3	212.5	226.2	244.2	4.51%	6.44%	7.97%
330859 CENTRAL STATE TEL CO	71.2	77.6	82.4	82.5	9.10%	6.15%	0.09%
330895 CENTURY OF WISCONSIN	561.4	691.4	716.5	728.2	23.16%	3.64%	1.62%
330860 CHEQUAMEGON TEL COOP	37.6	42.0	49.4	53.9	11.72%	17.65%	9.09%
330870 CRANDON TEL CO	20.6	22.2	25.1	26.8	7.80%	13.16%	6.65%
330891 HEADWATERS TEL CO	21.5	24.2	26.8	29.9	12.61%	10.69%	11.79%
330936 INDIANHEAD TEL CO	12.7	13.9	14.3	15.5	9.66%	2.98%	7.85%
330908 MARQUETTE-ADAMS COOP	24.6	22.4	23.4	26.2	-8.86%	4.61%	11.85%
330909 MIDWAY TEL CO	74.5	84.8	84.7	87.2	13.81%	-0.13%	3.02%
330913 MONROE COUNTY TEL CO	102.4	109.2	111.7	127.4	6.64%	2.25%	14.11%
330916 MOUNT HOREB TEL CO	34.6	36.9	39.5	44.3	6.63%	6.94%	12.15%
330917 MT VERNON TEL CO	69.4	72.4	90.3	89.8	4.25%	24.75%	-0.50%
330922 NORTH-WEST TEL CO	631.7	709.3	744.4	787.6	12.28%	4.95%	5.81%
330931 PEOPLES TEL CO	56.5	60.0	55.0	60.8	6.12%	-8.36%	10.62%
330934 PLATTEVILLE TEL CO	71.7	81.8	86.4	92.1	14.12%	5.64%	6.62%
330937 PRICE COUNTY TEL CO	37.2	16.8	18.7	39.5	-54.70%	10.83%	111.64%
330940 RHINELANDER TEL CO	118.1	133.2	143.6	153.4	12.81%	7.81%	6.80%
330952 SE TEL OF WISCONSIN	68.3	74.1	83.8	94.7	8.49%	13.17%	12.94%
330950 SOLON SPRINGS TEL CO	122.3	133.8	123.9	132.8	9.47%	-7.42%	7.21%
330956 UNIVERSAL OF N WISC	94.4	99.8	103.3	112.7	5.73%	3.55%	9.06%
330964 URBAN TEL CORP	199.6	200.8	216.6	239.5	0.63%	7.84%	10.58%
330963 UTELCO, INC	134.3	140.2	144.2	155.6	4.44%	2.78%	7.97%
330974 WOOD COUNTY TEL CO	256.9	258.5	286.4	289.1	0.63%	10.77%	0.96%
512291 DUBOIS TEL EXCHANGE	13.4	13.4	15.0	17.1	-0.22%	12.28%	14.10%
512251 RAN. TEL COOP - WY	17.7	19.1	20.3	21.0	8.22%	6.02%	3.90%
512295 SILVER STAR TEL-WY	8.5	9.5	10.7	11.6	11.29%	13.31%	8.32%
512299 TEL. UTIL. OF WY.	27.4	31.0	31.1	33.9	12.86%	0.45%	8.81%
512297 UNION TELEPHONE CO	37.0	40.5	42.4	46.6	9.69%	4.57%	9.85%
512290 UTAH-WYOMING TELECOM	2.8	2.6	3.1	3.8	-6.84%	20.30%	22.79%
NON-TIER 1 COST COMPANIES	62,140.9	70,450.6	76,030.5	81,818.8	13.37%	7.92%	7.61%
TOTAL COST COMPANIES	2,230,099.9	2,346,521.2	2,419,816.9	2,469,163.8	5.22%	3.12%	2.04%
AVERAGE SCHEDULE ESTIMATE	29,429.0	36,905.0	39,393.0	38,034.0	25.40%	6.74%	-3.45%
TOTAL INDUSTRY	2,259,528.9	2,383,426.2	2,459,209.9	2,507,197.8	5.48%	3.18%	1.95%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	1,439.8	1,446.6	1,460.0	1,494.9	0.47%	0.93%	2.39%
255181	SO CENTRAL BELL-AL	26,771.0	28,186.1	28,415.4	29,614.0	5.29%	0.81%	4.22%
452302	CONTEL CALIF - AZ	27.3	29.8	33.6	32.0	9.19%	12.88%	-4.68%
455101	MOUNTAIN BELL - AZ	22,823.2	25,503.4	25,582.9	25,244.1	11.74%	0.31%	-1.32%
401730	CONTEL OF ARKANSAS	124.1	783.7	746.0	728.4	531.23%	-4.81%	-2.35%
402080	GTE SOUTHWEST INC-AR	690.0	690.5	720.0	761.3	0.08%	4.27%	5.73%
405211	SOUTHWESTERN BELL-AR	9,810.6	9,856.0	9,893.6	9,894.3	0.46%	0.38%	0.01%
542302	CONTEL OF CALIFORNIA	1,874.7	2,066.0	2,259.2	2,492.8	10.20%	9.35%	10.34%
542319	GTC OF CALIFORNIA	33,864.0	32,124.9	32,127.0	32,736.8	-5.14%	0.01%	1.90%
545170	PACIFIC BELL	148,611.3	151,072.0	153,733.6	155,821.0	1.66%	1.76%	1.36%
542344	WEST COAST TEL OF CA	71.5	73.1	73.0	72.3	2.11%	-0.08%	-1.00%
465102	MOUNTAIN BELL-CO	23,120.1	25,497.0	25,186.6	26,927.5	10.28%	-1.22%	6.91%
135200	SOUTHERN NEW ENGLAND	23,299.0	23,578.0	21,962.3	22,802.0	1.20%	-6.85%	3.82%
575020	C & P TEL CO OF WASH	13,646.8	13,550.0	13,841.3	13,419.5	-0.71%	2.15%	-3.05%
565010	DIAMOND STATE TEL	5,089.0	5,405.0	5,626.0	5,660.7	6.21%	4.09%	0.62%
210340	CENTEL OF FLORIDA	2,671.0	2,893.8	3,230.5	3,313.5	8.34%	11.64%	2.57%
210328	GTE FLORIDA INC.	17,173.0	17,502.0	17,640.0	17,212.7	1.92%	0.79%	-2.42%
215191	SOUTHERN BELL-FL	55,212.2	59,871.9	63,080.8	64,818.3	8.44%	5.36%	2.75%
210341	UTC OF FLORIDA	8,121.5	8,306.7	9,001.6	9,638.2	2.28%	8.37%	7.07%
220479	GTE SOUTH INC.- GA	2,373.5	2,491.0	2,561.0	2,574.6	4.95%	2.81%	0.53%
225192	SOUTHERN BELL-GA	45,029.7	48,657.5	51,648.8	51,168.9	8.06%	6.15%	-0.93%
623100	GTE HAWAIIAN TEL. CO	7,764.0	8,174.9	8,165.0	8,116.3	5.29%	-0.12%	-0.60%
472416	GTE NORTHWEST INC-ID	638.5	675.5	627.0	631.8	5.79%	-7.18%	0.76%
475103	MOUNTAIN BELL-ID	3,406.6	3,690.0	3,819.9	3,883.1	8.32%	3.52%	1.65%
475162	PACIFIC NW BELL-ID	276.2	302.4	310.7	319.1	9.48%	2.72%	2.72%
340985	CENTEL OF ILLINOIS	2,008.9	2,169.4	2,058.3	2,147.0	7.99%	-5.12%	4.31%
341015	GTE NORTH INC. - IL	5,153.6	5,081.1	5,086.0	5,070.3	-1.41%	0.10%	-0.31%
345070	ILLINOIS BELL TEL CO	77,673.2	79,701.5	81,606.0	84,759.5	2.61%	2.39%	3.86%
320772	GTE NORTH INC. - IN	7,109.6	6,748.1	6,640.0	6,712.4	-5.08%	-1.60%	1.09%
325080	INDIANA BELL TEL CO	23,476.4	24,521.4	25,197.3	24,458.5	4.45%	2.76%	-2.93%
320832	UTC OF INDIANA	1,510.3	1,530.1	1,606.5	1,568.3	1.31%	4.99%	-2.38%
351207	CONTEL IA DBA GTE IA	1,050.1	1,035.3	538.5	554.3	-1.40%	-47.99%	2.93%
351186	GTE NORTH INC. - IA	778.7	809.8	800.0	779.8	4.00%	-1.21%	-2.53%
355141	NORTHWESTERN BELL-IA	10,603.8	11,107.4	11,310.7	11,789.1	4.75%	1.83%	4.23%
415214	SOUTHWESTERN BELL-KS	12,743.8	13,248.0	13,340.1	13,323.6	3.96%	0.70%	-0.12%
411842	UTC OF KANSAS	454.3	465.1	499.8	510.5	2.38%	7.45%	2.15%
265061	CINCINNATI BELL-KY	2,391.8	2,489.5	2,443.4	2,477.8	4.08%	-1.85%	1.41%
260407	GTE SOUTH INC. - KY	4,182.3	4,527.5	4,711.0	4,774.5	8.25%	4.05%	1.35%
265182	SO CENTRAL BELL-KY	15,496.4	15,989.3	15,880.6	15,871.5	3.18%	-0.68%	-0.06%
275183	SO CENTRAL BELL-LA	31,389.5	32,079.4	32,881.5	33,650.0	2.20%	2.50%	2.34%
105111	NEW ENGLAND TEL-ME	5,180.2	5,181.2	5,359.5	4,867.8	0.02%	3.44%	-9.18%
185030	C & P TEL CO OF MD	42,774.0	45,467.0	48,841.0	47,493.1	6.30%	7.42%	-2.76%
115112	NEW ENGLAND TEL-MA	43,737.0	46,065.0	41,902.6	39,257.3	5.32%	-9.04%	-6.31%
310695	GTE NORTH INC. - MI	4,776.4	4,881.7	4,844.0	4,925.6	2.20%	-0.77%	1.68%
315090	MICHIGAN BELL TEL CO	59,175.4	64,042.8	66,305.8	62,266.7	8.23%	3.53%	-6.09%
361367	CENTEL OF MN	808.2	875.0	895.6	941.2	8.26%	2.35%	5.09%
361186	GTE NORTH INC. - MN	20.5	20.5	20.0	20.2	0.12%	-2.56%	1.23%
365142	NORTHWESTERN BELL-MN	24,019.2	25,903.2	25,734.0	26,176.9	7.84%	-0.65%	1.72%
361456	UTC OF MINNESOTA	1,008.4	1,085.2	1,129.0	1,173.5	7.62%	4.03%	3.95%
285184	SO CENTRAL BELL-MS	15,261.7	16,052.5	16,183.8	16,678.5	5.18%	0.82%	3.06%
421186	GTE NORTH INC. - MO	923.0	919.0	915.0	909.5	-0.43%	-0.44%	-0.60%
425213	SOUTHWESTERN BELL-MO	32,999.8	33,544.2	32,902.7	34,235.7	1.65%	-1.91%	4.05%
421957	UTC OF MISSOURI	1,362.7	1,377.9	1,467.5	1,647.5	1.12%	6.51%	12.27%
482416	GTE NORTHWEST INC-MT	58.4	54.0	54.0	61.8	-7.54%	0.00%	14.53%
485104	MOUNTAIN BELL-MT	2,902.2	3,199.0	3,399.7	3,240.0	10.23%	6.27%	-4.70%
371186	GTE NORTH INC. - NE	359.1	356.6	354.0	348.4	-0.70%	-0.73%	-1.57%
371568	LINCOLN TEL & TEL CO	2,309.3	2,306.8	2,346.3	2,358.6	-0.11%	1.71%	0.52%
375143	NORTHWESTERN BELL-NE	6,062.1	6,331.7	6,123.8	6,361.9	4.45%	-3.28%	3.89%
371595	UTC OF THE WEST-NE	235.0	243.0	248.9	253.4	3.41%	2.44%	1.78%
552348	CENTEL OF NV	4,198.9	5,311.6	5,829.6	6,175.3	26.50%	9.75%	5.93%
552302	CONTEL OF CALIF-NV	102.7	107.0	117.4	121.6	4.17%	9.71%	3.57%
555173	NEVADA BELL	2,103.4	2,124.3	2,232.5	2,294.1	0.99%	5.09%	2.76%
125113	NEW ENGLAND TEL-NH	5,175.4	5,742.8	5,310.3	5,299.2	10.96%	-7.53%	-0.21%
165120	NEW JERSEY BELL	45,718.0	48,240.0	48,752.6	47,716.2	5.52%	1.06%	-2.13%
160138	UNITED TEL - NJ, INC	742.3	797.2	758.5	821.4	7.40%	-4.85%	8.29%
492080	GTE SOUTHWEST INC-NM	407.0	381.4	385.0	398.0	-6.30%	0.95%	3.38%
495105	MOUNTAIN BELL-NM	7,569.2	8,155.6	8,932.3	9,069.6	7.75%	9.52%	1.54%
150096	CONTEL OF NY, INC	1,882.0	1,713.4	1,773.0	1,919.2	-8.96%	3.48%	8.24%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	145,764.7	151,437.8	151,753.7	154,495.3	3.89%	0.21%	1.81%
150119	RED HOOK TEL CO	95.3	98.7	102.4	97.1	3.49%	3.78%	-5.11%
150121	ROCHESTER TEL CORP	6,133.4	6,508.1	6,936.1	7,244.8	6.11%	6.58%	4.45%
150136	WESTERN COUNTIES TEL	144.8	143.0	156.8	165.8	-1.24%	9.64%	5.72%
230470	CAROLINA TEL & TEL	9,237.7	9,407.2	9,633.0	9,422.8	1.83%	2.40%	-2.18%
230471	CENTEL OF NC	2,445.7	2,491.2	2,493.7	2,636.5	1.86%	0.10%	5.72%
230479	GTE SOUTH INC - NC	1,655.4	1,857.6	2,017.0	2,036.9	12.21%	8.58%	0.99%
235193	SOUTHERN BELL-NC	22,618.7	23,656.0	25,266.9	24,899.6	4.59%	6.81%	-1.45%
385144	NORTHWESTERN BELL-ND	2,730.6	2,912.4	2,713.7	2,644.8	6.66%	-6.82%	-2.54%
300630	CENTEL OF OHIO	721.6	747.9	922.5	955.8	3.65%	23.33%	3.61%
305062	CINCINNATI BELL-OH	11,775.7	12,806.9	12,622.6	12,907.5	8.76%	-1.44%	2.26%
300615	GTE NORTH INC. - OH	7,502.6	7,504.8	7,566.0	7,462.1	0.03%	0.81%	-1.37%
305150	OHIO BELL TEL CO	50,686.8	53,050.4	52,318.6	54,628.5	4.66%	-1.38%	4.41%
300661	UTC OF OHIO	4,694.5	4,353.1	4,614.6	5,192.5	-7.27%	6.01%	12.52%
432080	GTE SOUTHWEST INC-OK	948.2	952.6	999.0	1,127.3	0.47%	4.87%	12.84%
435215	SOUTHWESTERN BELL-OK	16,483.3	16,609.0	16,579.8	17,142.1	0.76%	-0.18%	3.39%
532416	GTE NORTHWEST INC-OR	2,952.7	2,924.8	2,861.0	2,906.0	-0.95%	-2.18%	1.57%
535163	PACIFIC NW BELL-OR	10,694.9	11,690.0	11,765.3	12,404.1	9.31%	0.64%	5.43%
532400	UTC OF THE NW - OR	330.8	341.9	356.9	363.6	3.33%	4.41%	1.87%
175000	BELL OF PENNSYLVANIA	71,046.0	73,442.0	76,943.5	78,650.8	3.37%	4.77%	2.22%
170169	GTE NORTH INC. - PA	5,621.6	5,788.9	5,702.0	5,674.6	2.98%	-1.50%	-0.48%
170209	UTC OF PENNSYLVANIA	2,604.3	2,657.9	2,601.9	2,739.3	2.06%	-2.11%	5.28%
633201	PUERTO RICO TEL CO	7,574.3	8,475.5	9,029.6	9,237.6	11.90%	6.54%	2.30%
585114	NEW ENGLAND TEL - RI	6,604.6	6,651.0	6,891.7	6,808.1	0.70%	3.62%	-1.21%
240479	GTE SOUTH INC. - SC	1,570.9	1,610.3	1,627.0	1,685.3	2.51%	1.04%	3.58%
245194	SOUTHERN BELL-SC	17,206.0	18,058.5	19,183.3	18,911.7	4.95%	6.23%	-1.42%
240506	UTC OF THE CAROLINAS	862.0	931.4	812.3	890.6	8.06%	-12.79%	9.63%
395145	NORTHWESTERN BELL-SD	2,480.7	2,596.9	2,511.8	2,660.8	4.68%	-3.28%	5.93%
290479	GTE SOUTH INC. - TN	607.3	625.3	624.0	650.9	2.96%	-0.21%	4.31%
295185	SO. CENTRAL BELL -TN	34,701.5	35,771.7	34,328.1	36,769.2	3.08%	-4.04%	7.11%
290567	UNITED INTER-MT-TN	2,575.8	2,717.0	2,436.1	2,757.6	5.48%	-10.34%	13.20%
442114	CENTEL OF TEXAS	1,322.4	1,595.2	1,651.3	1,732.3	20.63%	3.52%	4.91%
442154	CENTEL OF TEXAS	1,228.0	1,217.0	1,290.4	1,342.4	-0.90%	6.03%	4.03%
442080	GTE SOUTHWEST INC-TX	11,850.1	12,190.1	12,691.0	13,497.4	2.87%	4.11%	6.35%
445216	SOUTHWESTERN BELL-TX	101,625.4	104,584.0	108,607.1	112,338.8	2.91%	3.85%	3.44%
442084	UTC OF TEXAS INC	820.5	858.5	875.3	883.3	4.64%	1.95%	0.92%
505107	MOUNTAIN BELL-UT	10,123.1	10,953.4	11,401.3	11,511.8	8.20%	4.09%	0.97%
145115	NEW ENGLAND TEL-VT	2,241.9	2,338.5	2,356.1	1,996.9	4.31%	13.58%	-24.82%
195040	C & P TEL CO OF VA	37,210.0	39,495.0	40,900.1	41,010.8	6.14%	3.56%	0.27%
190254	CENTEL OF VIRGINIA	2,376.0	2,445.9	2,549.0	2,614.6	2.94%	4.21%	2.57%
190233	CENTEL OF VIRGINIA	3,463.6	3,842.8	4,203.9	4,558.9	10.95%	9.40%	8.44%
190479	GTE SOUTH INC. - VA	438.2	449.1	447.0	453.1	2.50%	-0.47%	1.36%
190567	UNITED INTER-MT-VA	988.0	1,057.0	1,099.5	1,140.9	6.99%	4.01%	3.77%
522416	GTE NORTHWEST INC-WA	5,549.9	6,136.0	6,123.0	6,066.4	10.56%	-0.21%	-0.93%
525161	PACIFIC NW BELL-WA	21,452.7	22,772.1	23,495.8	25,367.5	6.15%	3.18%	7.97%
522400	UTC OF THE NW-WA	330.0	317.0	327.1	380.7	-3.93%	3.16%	16.40%
205050	C & P TEL CO OF WV	10,590.0	10,672.0	10,775.2	11,233.5	0.77%	0.97%	4.25%
200479	GTE SOUTH INC. - WV	766.4	788.3	787.0	793.0	2.85%	-0.16%	0.77%
330886	GTE NORTH INC. - WI	2,926.3	2,919.2	2,921.0	2,939.6	-0.24%	0.06%	0.64%
335220	WISCONSIN BELL	21,117.0	22,930.7	23,069.5	23,287.5	8.59%	0.61%	0.94%
515108	MOUNTAIN BELL-WY	1,894.4	2,084.1	2,015.1	2,104.9	10.01%	-3.31%	4.45%
511595	UTC OF THE WEST-WY	44.2	47.7	48.1	47.0	7.86%	0.85%	-2.21%
TIER 1 COST COMPANIES		1,651,253.2	1,722,923.5	1,751,768.7	1,776,328.3	4.34%	1.67%	1.40%
250302	ALLTEL ALABAMA	N/A	N/A	209.0	193.2	N/A	N/A	-7.57%
250284	BUTLER TEL CO	45.7	49.3	60.0	64.7	7.92%	21.74%	7.76%
250281	CENTEL OF THE SOUTH	1,046.7	1,115.7	1,121.9	1,247.9	6.59%	0.55%	11.23%
250297	GROVE HILL TEL CORP	17.6	17.0	19.1	18.9	-3.46%	12.39%	-1.30%
250298	GULF TEL CO - AL	185.8	220.5	193.8	233.3	18.67%	-12.09%	20.38%
250300	HOPPER TEL. CO INC	24.8	24.8	25.5	28.1	-0.16%	2.74%	10.41%
250304	MILLRY TEL CO	50.1	52.4	55.0	58.9	4.44%	5.05%	7.01%
250306	MONROEVILLE TEL CO	122.1	163.7	149.6	170.4	34.15%	-8.64%	13.91%
250314	PEOPLES TEL CO	116.2	126.6	137.1	147.0	8.96%	8.25%	7.24%
250316	RAGLAND TEL CO	9.1	9.7	9.9	10.1	6.95%	2.09%	2.23%
250318	SOUTHLAND TEL CO-AL	136.2	152.4	158.8	85.5	11.93%	4.17%	-46.16%
613000	ANCHORAGE TEL UTIL	1,809.2	1,822.4	1,837.0	1,911.6	0.73%	0.80%	4.06%
613001	ARCTIC SLOPE TEL	8.0	8.3	8.6	10.7	2.82%	4.23%	24.32%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	5.4	6.0	6.3	6.6	10.68%	4.52%	5.24%
613004	BUSH-TELL INC.	3.1	3.2	3.4	3.8	3.45%	7.54%	10.14%
613006	COPPER VALLEY TEL	20.4	24.5	41.4	26.4	19.82%	68.93%	-36.10%
613007	CORDOVA TEL COOP	10.0	10.3	12.6	10.4	2.48%	22.43%	-17.38%
613008	FAIRBANKS MUNICIPAL	N/A	336.6	353.2	374.0	N/A	4.95%	5.87%
613010	GLACIER STATE TEL CO	290.2	298.3	313.7	370.2	2.80%	5.16%	18.04%
613009	GTE ALASKA INC.	93.3	89.6	91.1	91.4	-4.02%	1.76%	0.27%
613011	INTERIOR TEL CO INC	10.8	12.5	12.8	15.4	16.00%	2.20%	20.44%
613012	JUNEAU & DOUGLAS TEL	162.7	151.4	172.6	219.5	-6.98%	14.03%	27.16%
613013	KETCHIKAN PUBLIC UT	N/A	71.5	78.0	81.7	N/A	8.96%	4.76%
613015	MATANUSKA TEL ASSOC	294.4	253.5	274.7	294.1	-13.90%	8.39%	7.05%
613016	MUKLUK TEL CO INC	2.5	2.7	3.0	3.4	5.98%	10.86%	13.83%
613018	NUSHAGAK TEL COOP	10.3	11.9	12.6	12.4	15.97%	5.63%	-1.76%
613019	OTZ TEL COOPERATIVE	13.2	11.6	13.5	14.5	-11.82%	16.54%	6.75%
613020	SITKA TELEPHONE CO	49.6	52.5	54.9	59.7	5.86%	4.39%	8.89%
613022	TEL UTIL OF ALASKA	17.4	21.3	24.8	32.9	22.43%	16.68%	32.70%
613023	UNITED UTILITIES INC	N/A	20.9	22.4	23.0	N/A	7.14%	3.01%
613025	YUKON TEL CO INC	1.5	1.6	1.5	1.7	10.67%	-4.22%	12.27%
452171	ARIZONA TELEPHONE CO	3.1	3.2	3.6	4.7	3.77%	13.56%	29.38%
452172	CITIZENS UTILITIES	246.1	290.2	292.8	303.4	17.91%	0.92%	3.59%
452177	CONTEL OF WEST-AZ	151.2	150.1	154.1	145.1	-0.72%	2.62%	-5.81%
452275	NAVAJO COMMUN-AZ	36.0	42.4	47.5	53.8	17.60%	12.21%	13.24%
452173	PAPAGO TRIBAL UTIL.	N/A	3.4	7.2	9.4	N/A	113.71%	31.46%
452175	UNIVERSAL TEL OF SW	6.6	7.1	7.4	6.9	8.01%	3.46%	-6.07%
452176	VALLEY TEL COOP-AZ	8.8	9.6	9.9	10.4	8.69%	3.58%	5.36%
401691	ALLTEL ARKANSAS INC	621.2	617.2	631.2	678.4	-0.65%	2.27%	7.48%
401692	ARKANSAS TEL CO	48.8	54.1	56.6	61.1	10.80%	4.61%	8.07%
401697	CENTRAL ARKANSAS TEL	18.4	20.0	21.3	21.4	8.98%	6.43%	0.15%
401705	CENTURY OF ARKANSAS	103.5	106.5	108.3	114.3	2.91%	1.66%	5.53%
401698	CLEVELAND COUNTY TEL	15.0	16.4	18.9	22.1	9.13%	15.25%	17.18%
401699	DECATUR TEL CO INC	3.5	3.7	4.2	4.6	6.22%	13.68%	8.38%
401709	MADISON COUNTY TEL	22.2	21.1	20.6	23.0	-5.09%	-2.03%	11.58%
401711	MOUNTAIN HOME TEL	95.9	87.6	85.0	89.0	-8.63%	-2.92%	4.67%
401713	NORTH ARKANSAS TEL	23.0	24.9	26.0	27.5	8.51%	4.30%	5.49%
401717	PERCO TELEPHONE CO	N/A	N/A	18.0	21.4	N/A	N/A	18.79%
401720	REDFIELD TEL CO	9.3	10.0	8.1	8.4	7.87%	-18.33%	3.00%
401702	SOUTH ARKANSAS TEL	27.7	29.0	32.3	32.3	4.74%	11.25%	-0.03%
401726	TRI-COUNTY TEL CO-AR	42.4	47.3	48.0	47.8	11.54%	1.50%	-0.26%
401727	UNION TEL CO INC	3.2	6.8	7.3	7.6	114.62%	7.88%	3.27%
401729	WALNUT HILL TEL CO	30.6	32.5	36.2	37.8	6.11%	11.56%	4.41%
401733	YELCOT TEL CO INC	22.5	25.0	25.0	24.4	11.48%	-0.31%	-2.41%
401734	YELL COUNTY TEL CO	33.9	36.0	35.6	34.6	6.31%	-1.11%	-2.79%
542304	C P NATIONAL CORP-CA	62.3	64.8	69.8	72.1	4.03%	7.67%	3.35%
542301	CALAVERAS TEL CO	5.5	5.8	7.2	8.5	6.18%	23.30%	18.93%
542311	CALIF-OREGON TEL CO	9.7	10.3	10.8	11.9	6.04%	4.91%	10.34%
542308	CITIZENS UTIL OF CA	485.2	578.5	626.1	688.5	19.22%	8.23%	9.97%
542313	DUCOR TELEPHONE CO	2.1	2.3	2.3	2.1	7.26%	2.59%	-7.77%
542315	EVANS TEL CO.	44.2	50.9	52.8	59.7	15.20%	3.78%	13.01%
542318	FORESTHILL TEL CO.	N/A	7.0	8.9	9.2	N/A	28.33%	3.62%
542321	HAPPY VALLEY TEL CO	N/A	23.9	26.6	28.3	N/A	11.31%	6.28%
542322	HORNITOS TEL CO	N/A	1.0	0.6	0.6	N/A	-44.08%	5.60%
542324	KERMAN TELEPHONE CO	40.5	48.1	49.1	52.2	18.59%	2.12%	6.46%
542346	PINNACLES TEL CO	0.3	0.2	0.2	0.3	-23.06%	10.41%	19.01%
542334	ROSEVILLE TEL CO	605.8	754.7	806.9	855.6	24.58%	6.92%	6.04%
542338	SIERRA TELEPHONE CO	N/A	80.4	88.4	92.0	N/A	10.00%	4.04%
542332	THE PONDEROSA TEL CO	27.6	25.5	29.3	30.6	-7.67%	15.09%	4.20%
542339	THE SISKIYOU TEL CO	13.7	15.3	16.9	17.7	11.68%	10.40%	5.15%
542343	THE VOLCANO TEL CO	26.0	30.4	21.1	24.7	16.88%	-30.52%	16.71%
542342	TUOLUMNE TEL CO	18.7	19.6	20.9	22.2	5.28%	6.46%	6.07%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	3.8	3.9	N/A	N/A	3.07%
462192	BIG SANDY TELCOMM	3.5	3.5	3.5	3.7	-1.18%	1.70%	3.61%
462181	BIJOU TEL COOP ASSOC	4.5	4.7	4.6	5.0	6.23%	-3.20%	9.95%
462182	BLANCA TEL CO	1.9	1.0	1.1	2.6	-45.71%	7.38%	141.45%
462204	COLUMBINE TEL CO	2.9	2.4	1.9	2.1	-17.07%	-21.34%	10.13%
462184	DELTA COUNTY TEL CO	53.8	56.3	56.5	55.9	4.76%	0.20%	-0.98%
462185	EAGLE TELECOMMUN INC	23.3	27.0	28.8	32.0	16.18%	6.35%	11.23%
462186	EASTERN SLOPE RURAL	25.0	22.2	19.6	21.2	-11.18%	-11.56%	7.82%
462187	EL PASO COUNTY TEL	10.6	12.2	12.4	14.4	15.72%	1.34%	16.18%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	1.3	1.3	1.3	1.2	-3.07%	2.81%	-5.85%
462190	HAXTUN TEL CO	7.9	7.5	6.5	6.3	-5.61%	-13.61%	-2.26%
462193	NUCLA-NATURITA TEL	5.5	5.9	6.0	6.3	7.37%	2.22%	5.19%
462194	NUNN TEL CO	1.0	1.3	0.7	0.8	29.16%	-44.48%	8.41%
462196	PEETZ COOP TEL CO	1.2	1.3	1.4	1.1	7.19%	1.90%	-18.94%
462199	PLAINS COOP TEL ASSN	8.2	8.2	8.5	8.9	0.40%	3.83%	5.08%
462203	RYE TELEPHONE CO	7.4	8.0	8.1	8.4	7.21%	1.62%	3.33%
462207	STRASBURG TEL CO	3.9	3.9	3.7	3.9	0.00%	-4.97%	3.94%
461835	SUNFLOWER TEL - CO	1.4	1.4	1.3	1.4	3.47%	-7.15%	2.67%
462208	UNIVERSAL TEL CO -CO	32.4	34.3	28.7	28.8	5.99%	-16.43%	0.37%
462209	WIGGINS TEL ASSOC	5.5	5.5	5.5	6.3	0.06%	1.50%	13.76%
210336	ALLTEL FLORIDA INC.	428.8	487.9	564.7	614.5	13.77%	15.74%	8.83%
210291	FLORALA TEL CO	13.9	17.4	18.0	18.7	25.23%	3.39%	3.50%
210329	GULF TEL CO	83.4	84.2	90.3	102.0	0.91%	7.25%	12.91%
210331	INDIANTOWN SYSTEM	10.3	11.1	12.4	13.6	7.83%	12.17%	9.56%
210335	NORTHEAST FLORIDA	44.2	44.6	53.6	59.0	0.79%	20.24%	9.99%
210338	QUINCY TEL CO-FL DIV	112.9	116.9	121.7	129.1	3.59%	4.07%	6.04%
210318	SOUTHLAND TEL-FL	35.2	42.7	47.0	54.2	21.12%	10.05%	15.43%
210339	ST JOSEPH TEL & TEL	166.5	172.2	178.2	187.5	3.40%	3.45%	5.27%
210330	VISTA-UNITED TELCOM	48.4	92.2	113.5	129.5	90.44%	23.15%	14.03%
220357	ALLTEL GEORGIA INC.	N/A	N/A	621.4	744.0	N/A	N/A	19.74%
220344	ALMA TEL CO	57.0	57.0	63.2	63.2	-0.05%	10.93%	0.00%
220347	BRANTLEY TEL CO	28.7	30.1	33.3	35.9	4.80%	10.74%	7.58%
220351	CAMDEN TEL & TEL CO	91.6	103.1	114.4	126.7	12.50%	10.98%	10.71%
220355	CITIZENS TEL CO - GA	44.7	45.7	46.4	52.8	2.26%	1.60%	13.73%
220356	COASTAL UTILITIES	173.6	182.6	191.8	202.5	5.15%	5.03%	5.61%
220281	CONTEL OF SOUTH - GA	504.6	613.0	676.7	761.6	21.49%	10.40%	12.54%
220358	DARIEN TEL CO	30.0	31.4	33.5	34.3	4.73%	6.58%	2.48%
220360	ELLIJAY TEL CO	64.9	61.2	68.7	68.9	-5.69%	12.33%	0.32%
220371	INTERSTATE TEL CO	158.1	151.3	153.4	166.8	-4.30%	1.33%	8.79%
220377	PINELAND TEL COOP	92.5	94.3	94.9	94.2	2.03%	0.62%	-0.75%
220379	PLANT TEL. CO.	71.0	74.1	76.0	79.6	4.27%	2.54%	4.80%
220381	PUBLIC SERVICE TEL	86.9	90.2	91.1	100.1	3.71%	1.01%	9.90%
220338	QUINCY TEL CO-GA DIV	9.8	10.2	10.4	10.6	4.67%	1.22%	2.69%
220386	STANDARD TEL CO	362.1	386.4	348.8	418.4	6.72%	-9.74%	19.94%
220392	WAVERLY HALL TEL CO	6.5	5.4	5.9	6.1	-16.87%	10.19%	3.70%
220394	WILKES TEL & ELC CO	97.6	102.0	104.2	99.7	4.56%	2.15%	-4.36%
472213	ALBION TEL CO INC	6.7	6.4	7.4	8.5	-4.69%	16.90%	14.93%
472215	CAMBRIDGE TEL CO	4.0	4.1	4.9	4.6	2.78%	20.66%	-7.17%
472225	CENTURY TEL OF IDAHO	22.0	23.9	24.1	24.0	8.80%	0.80%	-0.39%
472177	CONTEL OF WEST-ID	69.3	71.5	71.9	80.7	3.20%	0.51%	12.22%
472218	CUSTER TEL COOP	10.2	10.3	10.9	12.8	0.70%	6.27%	17.51%
472223	GEM STATE UTIL-ID	6.8	6.5	7.3	6.1	-3.38%	11.34%	-16.70%
472423	INLAND TEL-ID	0.9	1.1	0.8	0.8	17.58%	-28.31%	3.23%
472226	MIDVALE TEL EXCH INC	0.7	0.3	1.7	1.7	-58.26%	434.55%	2.92%
472231	PROJECT MUTUAL TEL	84.9	78.3	84.7	89.0	-7.80%	8.15%	5.10%
472232	ROCKLAND TEL CO INC	2.2	2.4	2.4	2.7	5.36%	2.76%	9.81%
472233	RURAL TEL CO - ID	0.4	0.4	0.4	0.4	-7.91%	-5.47%	7.71%
472295	SILVER STAR TEL-ID	1.5	1.5	1.6	1.7	0.86%	6.08%	10.79%
472234	TROY TELEPHONE CO	2.9	3.1	3.2	3.5	7.59%	4.72%	8.67%
341000	ALLTEL ILLINOIS INC.	331.8	304.8	292.6	307.5	-8.15%	-3.99%	5.09%
341036	CONTEL OF ILLINOIS	1,166.0	1,199.2	1,184.7	1,188.3	2.85%	-1.21%	0.30%
341004	EL PASO TEL CO	9.9	10.3	10.3	10.8	4.35%	-0.13%	5.63%
341023	GRIDLEY TEL CO	5.2	5.1	5.1	5.3	-1.43%	-1.34%	5.25%
341037	IL CONSOLIDATED TEL	648.4	693.9	679.3	677.9	7.03%	-2.10%	-0.21%
341038	INLAND TEL CO	21.1	20.3	19.7	20.6	-3.76%	-2.94%	4.68%
341045	LEAF RIVER VLY TEL	2.3	2.5	2.4	2.6	8.74%	-2.53%	6.62%
341055	MIDLAND TEL CO	22.9	23.3	21.9	21.6	1.94%	-6.30%	-1.16%
341060	MOULTRIE INDEPENDENT	4.3	4.3	4.6	3.6	1.14%	5.38%	-21.80%
320753	CLAY CTY RURAL COOP	78.8	79.8	83.1	91.7	1.27%	4.07%	10.37%
320776	COMM CORP OF INDIANA	N/A	56.8	90.3	101.5	N/A	59.11%	12.33%
320779	CONTEL OF INDIANA	1,337.8	1,501.2	1,626.9	1,679.5	12.21%	8.37%	3.23%
320797	NEW PARIS TEL INC	13.6	15.9	14.7	16.8	16.50%	-7.57%	14.22%
320800	NORTHWESTERN INDIANA	69.7	69.1	70.0	77.1	-0.89%	1.27%	10.25%
351346	ACE TEL ASSN-IA	22.6	27.7	29.3	31.0	22.50%	5.88%	5.77%
351105	AYRSHIRE FARMERS MUT	1.4	1.5	1.4	1.3	0.87%	-3.53%	-9.96%
351110	BERNARD TEL CO INC	3.8	3.7	3.3	3.3	-2.65%	-11.39%	-1.16%
351127	CENTEL OF IOWA	N/A	391.3	393.8	411.9	N/A	0.62%	4.62%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	45.6	46.2	48.5	40.2	1.25%	4.91%	-17.00%
351229	LOST NATION-ELWOOD	5.5	3.8	3.4	3.3	-29.80%	-11.12%	-2.22%
351316	UNITED FARMERS TEL	N/A	3.0	3.1	2.5	N/A	2.18%	-17.80%
351327	WEBB-DICKENS TEL	1.6	1.4	1.5	1.5	-8.87%	5.60%	-0.31%
411741	ASSARIA TEL EXCHANGE	2.1	2.1	2.3	2.4	-0.38%	11.03%	4.74%
411746	BLUE VALLEY TEL CO	13.3	12.9	13.0	14.5	-3.50%	1.36%	11.60%
411818	CRAW-KAN TEL COOP	73.9	75.0	73.4	73.6	1.58%	-2.23%	0.34%
411761	CUNNINGHAM TEL CO	7.9	6.9	7.0	6.6	-12.67%	0.82%	-5.80%
411764	ELKHART TEL CO INC	9.2	8.1	8.2	8.8	-11.95%	1.61%	7.61%
411781	H & B COMMUNICATIONS	4.0	3.9	4.0	4.1	-2.55%	3.39%	1.51%
411782	HOME TEL CO	6.3	6.3	6.9	5.2	0.59%	10.19%	-24.97%
411785	J. B. N. TEL CO INC	12.1	12.4	11.8	11.5	3.13%	-5.40%	-2.12%
411788	KANOKLA TEL ASSN-KS	11.4	12.2	12.0	9.5	6.24%	-1.24%	-20.49%
411801	MADISON TEL CO INC	4.3	4.4	4.4	4.6	0.66%	1.88%	2.80%
411807	MOKAN DIAL INC-KS	10.1	11.8	12.7	11.4	17.08%	7.51%	-10.04%
411808	MOUNDRIDGE TEL CO	13.8	13.9	14.2	15.2	0.80%	2.40%	7.03%
411814	PEOPLES MUTUAL TEL	6.1	6.2	6.1	5.9	0.78%	-0.74%	-4.58%
411817	PIONEER TEL ASSN INC	N/A	88.5	87.8	92.1	N/A	-0.80%	4.85%
411826	RURAL TEL SERVICE CO	40.6	39.4	38.9	37.2	-3.07%	-1.14%	-4.45%
411827	S & T TEL COOP ASSN	8.4	7.1	7.1	7.7	-14.76%	-0.37%	8.41%
411831	S. CENTRAL TEL - KS	4.6	3.5	3.8	4.1	-22.27%	8.47%	6.28%
411835	SUNFLOWER TEL CO	26.8	30.3	29.5	26.4	13.05%	-2.52%	-10.59%
412030	TOTAH TELEPHONE CO	4.9	4.9	4.9	5.3	1.28%	0.01%	7.20%
411840	TWIN VALLEY TEL INC	10.8	11.1	12.7	9.7	2.42%	15.16%	-23.75%
411841	UNITED TEL ASSN	23.4	25.3	26.1	26.0	8.14%	3.01%	-0.43%
411847	WHEAT STATE TEL, INC	9.8	10.2	10.7	9.9	4.49%	4.26%	-6.76%
411849	WILSON TEL CO INC	10.8	12.0	11.5	11.7	11.47%	-4.51%	2.07%
411852	ZENDA TEL COMPANY	1.0	1.0	0.9	0.9	-6.47%	-11.03%	5.15%
260410	CONTEL OF KENTUCKY	791.3	830.1	823.0	878.0	4.90%	-0.85%	6.68%
270431	CADDOAN TEL CO	80.1	95.1	73.7	81.5	18.79%	-22.47%	10.46%
270425	CAMERON TEL CO - LA	53.2	49.1	56.3	53.2	-7.67%	14.72%	-5.56%
270423	CENTRAL LOUISIANA	155.5	160.1	152.4	164.9	2.99%	-4.79%	8.19%
270436	CENTURY NORTH LA	8.4	8.1	54.0	56.1	-3.57%	563.41%	4.00%
270440	CENTURY TEL CO	20.9	23.2	21.9	25.2	11.21%	-5.92%	15.04%
270424	COASTAL TEL & ELEC	98.2	100.1	96.7	106.7	1.93%	-3.47%	10.41%
270429	EAST ASCENSION TEL	282.4	295.6	316.2	296.0	4.69%	6.97%	-6.39%
270430	ELIZABETH TEL CO	25.2	26.2	25.6	26.7	4.12%	-2.39%	4.13%
270434	EVANGELINE TEL CO	303.1	300.6	308.7	328.3	-0.83%	2.70%	6.36%
270433	LAFORCHE TEL CO	113.6	116.3	119.5	124.8	2.34%	2.76%	4.42%
270442	LOUISIANA WESTERN	33.2	33.9	32.9	32.3	2.02%	-3.04%	-1.73%
270435	NORTHEAST LOUISIANA	7.6	9.5	10.3	10.8	25.18%	8.41%	5.68%
270438	RESERVE TEL CO	N/A	N/A	17.9	41.9	N/A	N/A	134.32%
100004	CHINA TEL CORP	N/A	9.1	9.6	10.1	N/A	5.69%	5.19%
100014	CONTEL OF MAINE	216.9	214.5	223.0	228.7	-1.08%	3.95%	2.54%
100010	HAMPDEN TEL CO	N/A	20.9	22.2	23.0	N/A	6.11%	3.75%
100011	HARTLAND & ST ALBANS	12.3	14.4	15.6	14.1	16.66%	8.53%	-9.32%
100003	LINCOLNVILLE TEL CO	5.9	6.9	7.3	7.7	17.51%	5.88%	4.18%
100024	SOMERSET TEL CO	38.0	38.1	40.3	42.1	0.21%	5.87%	4.35%
100025	STANDISH TEL CO	N/A	22.0	22.3	26.6	N/A	1.57%	19.23%
100027	UNION RIVER TEL CO	2.6	3.2	3.3	3.5	21.86%	1.33%	8.72%
100029	UNITY TEL CO., INC.	N/A	17.4	19.0	20.9	N/A	9.36%	9.95%
100031	WARREN TEL CO	4.1	4.5	5.1	4.9	8.53%	13.34%	-4.42%
100034	WEST PENOBSCOT TEL	7.9	7.8	8.0	8.3	-1.66%	3.00%	3.50%
310704	ACE TEL OF MICHIGAN	9.2	11.7	14.1	16.1	26.82%	21.23%	13.65%
310681	ALLTEL MICHIGAN INC.	294.3	299.1	263.9	259.3	1.62%	-11.78%	-1.73%
310679	BLOOMINGDALE TEL CO	5.4	5.6	5.7	6.6	2.19%	2.51%	15.13%
310682	C, C & S TELCO - MI	120.8	127.8	121.0	130.0	5.77%	-5.30%	7.37%
310683	CARR TEL CO	3.2	3.5	4.0	4.4	9.40%	16.56%	9.86%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	126.4	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	225.0	232.4	233.5	248.7	3.29%	0.50%	6.52%
310685	CHATHAM TEL CO - MI	15.6	16.4	17.7	16.4	4.78%	8.53%	-7.34%
310680	CHIPPEWA COUNTY TEL	2.8	3.0	3.3	3.9	8.06%	10.28%	17.13%
310713	HIAWATHA TEL CO	19.2	21.5	22.1	22.8	12.02%	2.80%	2.81%
310711	MIDWAY TEL CO	3.8	3.9	2.8	2.8	1.56%	-28.00%	-0.07%
310714	OGDEN TEL CO	N/A	3.2	3.0	3.2	N/A	-6.31%	6.20%
310717	ONTONAGON COUNTY TEL	29.6	30.5	30.2	29.4	3.02%	-1.07%	-2.72%
310721	PIGEON TEL CO	12.2	12.3	10.5	10.2	1.24%	-14.93%	-2.61%
310728	SPRINGPORT TEL CO	6.9	7.8	7.0	7.0	13.51%	-10.99%	1.20%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	16.5	17.6	19.0	18.3	7.09%	7.47%	-3.33%
310737	WINN TEL CO	N/A	1.7	1.8	1.4	N/A	7.72%	-22.25%
310738	WOLVERINE TEL CO	60.7	65.6	66.4	63.6	8.08%	1.27%	-4.20%
361346	ACE TEL ASSN-MN	75.6	69.5	67.5	79.2	-8.08%	-2.83%	17.31%
361374	ARROWHEAD COMM CORP	1.8	2.0	2.0	1.5	10.56%	-0.44%	-24.77%
361350	ARVIG TEL CO	38.0	43.0	43.6	47.0	13.37%	1.35%	7.85%
361370	CLARA CITY TEL EXCH	8.4	8.4	8.6	8.8	-0.84%	2.61%	2.30%
361140	CONTEL MN DBA GTE MN	745.3	770.4	761.8	784.4	3.36%	-1.12%	2.97%
361385	EAST OTTER TAIL TEL	84.6	93.2	104.1	108.0	10.26%	11.60%	3.79%
361395	GARDEN VALLEY TEL CO	93.3	94.4	96.4	100.4	1.26%	2.07%	4.19%
361410	JOHNSON TEL CO	5.4	5.9	5.8	5.8	8.59%	-0.62%	-0.94%
361414	LAKEDALE TEL CO	45.6	57.9	57.2	56.2	26.95%	-1.13%	-1.71%
361433	MID STATE TEL CO	41.4	39.9	40.7	46.6	-3.69%	2.06%	14.50%
361442	NEW ULM TELECOM, INC	63.2	69.7	72.8	63.3	10.21%	4.50%	-13.13%
361451	PAUL BUNYAN RURAL	39.5	44.0	43.6	44.7	11.51%	-0.83%	2.49%
361483	SLEEPY EYE TEL CO	35.9	35.3	36.5	34.7	-1.70%	3.37%	-5.10%
361491	TWIN VALLEY-ULEN TEL	25.8	19.6	20.6	20.7	-24.09%	5.25%	0.39%
280453	ALLTEL MISSISSIPPI	N/A	N/A	140.0	136.7	N/A	N/A	-2.39%
280446	BAY SPRINGS TEL CO	107.2	112.8	122.6	127.9	5.29%	8.68%	4.31%
280452	DELTA TEL CO	30.5	35.4	43.4	43.4	15.96%	22.52%	0.00%
280454	FRANKLIN TEL CO - MS	70.2	64.4	66.1	65.6	-8.30%	2.72%	-0.81%
280458	HOME TEL CO-OLIVE BR	N/A	92.4	101.8	113.4	N/A	10.24%	11.37%
280461	SOUTHEAST MS TEL CO	9.7	33.5	36.8	39.4	243.70%	9.99%	7.05%
421885	ALLTEL MISSOURI	187.5	199.6	191.0	204.1	6.45%	-4.34%	6.87%
421865	CITIZENS TEL CO - MO	15.3	14.7	21.5	22.7	-3.83%	46.49%	5.67%
421922	CONTEL OF MISSOURI	896.7	1,040.4	1,199.3	1,304.9	16.02%	15.28%	8.81%
421846	CONTINENTAL SYS. -MO	335.6	347.0	327.8	348.1	3.37%	-5.51%	6.19%
421873	EASTERN MISSOURI TEL	13.6	14.0	14.8	15.5	2.92%	5.21%	5.35%
421882	FIDELITY TEL CO	72.4	77.3	69.1	81.2	6.81%	-10.59%	17.40%
421886	GOODMAN TEL CO	6.8	6.5	6.0	6.6	-3.60%	-8.96%	11.58%
421888	GRAND RIVER MUT-MO	103.8	105.7	103.7	99.1	1.86%	-1.95%	-4.42%
421929	HOLWAY TEL CO	4.5	5.2	5.2	3.3	14.96%	0.00%	-36.12%
421901	KINGDOM TELEPHONE	14.8	15.7	18.8	19.1	6.34%	19.85%	1.68%
421908	LE-RU TELEPHONE CO	5.0	5.3	5.3	5.0	5.58%	-0.48%	-5.06%
421904	MISSOURI TEL CO	126.3	132.1	131.0	142.3	4.56%	-0.77%	8.56%
421807	MOKAN DIAL INC-MO	4.1	4.7	3.4	3.7	14.22%	-26.79%	7.62%
421931	NE MISSOURI RURAL	25.5	26.5	26.2	26.3	3.70%	-0.99%	0.46%
421934	ORCHARD FARM TEL CO	1.9	1.9	2.0	2.2	0.73%	3.14%	8.23%
421951	STOUTLAND TEL CO	6.5	7.0	6.8	7.0	8.27%	-3.32%	3.61%
482235	BLACKFOOT TEL COOP	22.9	25.1	24.3	20.8	9.52%	-3.39%	-14.32%
482241	HOT SPRINGS TEL CO	N/A	4.5	2.3	2.3	N/A	-47.55%	-2.65%
482242	INTERBEL TEL COOP	6.0	6.3	7.1	8.0	5.52%	13.50%	12.73%
482244	LINCOLN TEL CO INC	2.8	2.8	3.0	3.1	-0.05%	5.31%	4.48%
482246	MID-RIVERS TEL COOP	47.2	48.3	47.8	46.4	2.21%	-1.03%	-2.89%
482247	NEMONT TEL COOP-MT	8.6	9.6	9.5	9.0	11.67%	-0.56%	-4.97%
482248	NORTHERN TEL COOP	7.1	6.8	7.4	7.1	-4.83%	9.82%	-4.92%
482249	NW TEL SYSTEMS, INC.	199.8	137.4	271.6	281.0	-31.21%	97.69%	3.45%
482250	PROJECT TEL CO	12.4	11.0	13.2	14.3	-11.38%	20.20%	8.41%
482251	RANGE TEL COOP-MT	19.2	18.9	18.9	18.4	-1.86%	0.17%	-2.67%
482254	SOUTHERN MONTANA TEL	2.2	2.6	2.7	3.0	21.92%	3.38%	8.12%
482257	TRIANGLE TEL COOP	58.4	57.9	58.6	58.2	-0.84%	1.19%	-0.73%
482258	VALLEY RURAL TEL	3.6	3.6	3.7	3.6	0.74%	4.07%	-2.31%
482255	3-RIVERS TEL COOP	45.1	48.3	50.6	51.2	7.14%	4.67%	1.15%
371516	ARAPAHOE TEL CO	7.0	6.7	6.1	6.4	-3.93%	-9.66%	5.72%
371517	ARLINGTON TEL CO	6.0	6.2	6.1	5.6	2.06%	-1.39%	-7.17%
372455	BENKELMAN TEL CO	N/A	7.9	7.9	7.9	N/A	0.11%	-0.11%
371524	BLAIR TEL CO	43.9	46.1	48.3	50.8	4.98%	4.81%	5.22%
371526	CAMBRIDGE TEL CO -NE	N/A	7.8	6.8	7.1	N/A	-12.73%	4.53%
371531	CLARKS TEL CO	4.4	5.2	5.1	5.2	16.62%	-1.02%	2.09%
371534	COZAD TEL CO	15.9	16.0	15.6	16.3	1.22%	-2.72%	4.31%
371536	CURTIS TEL CO	5.2	5.0	5.0	5.4	-4.45%	-0.91%	8.24%
371537	DALTON TEL CO, INC	6.9	7.7	7.4	7.3	12.76%	-5.09%	-1.28%
371540	DILLER TEL CO	5.2	5.0	4.3	4.4	-2.91%	-14.66%	1.56%
371542	EASTERN NEBRASKA TEL	16.2	16.6	15.7	15.4	2.45%	-5.85%	-1.58%
371577	GREAT PLAINS COMMUN	164.5	168.0	169.0	168.6	2.11%	0.60%	-0.24%
371557	HARTMAN TEL EXCH INC	2.8	2.5	2.3	2.1	-9.47%	-7.83%	-11.61%
371558	HEMINGFORD COOP TEL	8.6	9.2	9.6	9.5	6.70%	4.01%	-1.05%
371567	KEYSTONE-ARTHUR TEL	1.0	1.0	0.9	0.9	2.53%	-9.73%	-1.20%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	22.6	23.0	43.9	46.9	1.80%	91.17%	6.79%
371580	PETERSBURG TEL CO	2.4	2.5	2.5	2.7	7.20%	0.48%	7.41%
371586	ROCK COUNTY TEL CO	7.4	8.0	8.3	7.0	8.34%	3.22%	-15.07%
371591	SE NEBRASKA TEL CO	N/A	33.6	33.7	34.7	N/A	0.44%	2.97%
371592	STANTON TEL CO, INC	8.0	7.3	7.2	7.6	-7.85%	-2.04%	6.45%
371525	THREE RIVER TELCO	7.5	7.3	7.2	7.1	-2.64%	-1.33%	-1.14%
371597	WAUNETA TEL CO	3.6	4.4	4.2	3.8	22.28%	-3.95%	-8.94%
552284	BEEHIVE TEL CO - NV	N/A	0.4	0.7	0.7	N/A	67.25%	0.00%
552349	CHURCHILL COUNTY TEL	61.6	66.9	71.2	76.2	8.73%	6.40%	7.03%
552304	CP NATIONAL-NV	56.0	82.6	99.1	77.4	47.65%	19.94%	-21.83%
552223	GEM STATE UTIL-NV	1.5	1.6	2.1	2.4	8.53%	25.78%	17.99%
552351	LINCOLN CTY TEL SYS	7.2	7.6	7.6	7.9	5.44%	0.56%	3.50%
552353	MOAPA VALLEY TEL CO.	12.7	15.3	19.2	21.5	20.31%	25.19%	12.29%
552354	NEVADA TEL-TELEGRAPH	12.9	13.8	15.6	14.7	7.23%	13.11%	-5.71%
552356	RIO VIRGIN TEL	5.4	6.7	6.4	8.0	23.68%	-4.82%	26.20%
552233	RURAL TEL CO - NV	0.2	0.7	0.9	0.8	231.88%	19.76%	-10.10%
120038	BRETTON WOODS TEL CO	0.1	0.4	0.6	0.6	177.58%	42.68%	7.11%
120040	CHICHESTER TEL CO	N/A	11.3	6.4	8.0	N/A	-43.45%	24.79%
120041	CONTEL OF NH	48.8	54.1	53.2	53.5	10.76%	-1.70%	0.57%
120039	GRANITE STATE TEL	32.2	35.0	36.0	38.4	8.89%	2.86%	6.47%
120045	KEARSARGE TEL CO	19.9	21.8	23.1	24.3	9.22%	6.20%	5.18%
120046	MERIDEN TEL CO	1.6	1.7	1.7	1.8	5.89%	-1.09%	5.77%
120047	MERRIMAK COUNTY TEL	45.7	48.1	52.4	32.8	5.22%	9.07%	-37.45%
120049	UNION TEL CO	11.7	17.9	22.1	23.0	52.78%	23.55%	4.04%
120050	WILTON TEL CO - NH	13.3	16.3	14.9	14.2	22.58%	-8.81%	-4.62%
160135	WARWICK VALLEY-NJ	32.3	34.2	36.3	38.5	5.84%	6.01%	6.08%
492259	BACA VALLEY TEL CO	3.3	3.3	3.1	3.5	1.70%	-6.93%	11.26%
492177	CONTEL OF WEST - NM	167.9	161.4	177.6	167.9	-3.91%	10.04%	-5.43%
492066	DELL TEL CO-OP - NM	1.1	1.4	1.0	1.1	29.04%	-28.14%	13.31%
492262	ENMR TEL COOP INC-NM	66.6	65.1	67.5	67.9	-2.20%	3.63%	0.65%
492263	LA JICARITA RURAL	15.8	16.6	16.8	15.3	4.68%	1.30%	-9.22%
492264	LEACO RURAL TEL COOP	4.2	4.7	4.6	4.3	13.97%	-3.15%	-5.33%
492275	NAVAJO COMMUN - NM	13.5	13.7	10.3	11.7	1.09%	-25.08%	14.18%
492270	PENASCO VALLEY TEL	11.6	9.7	10.0	10.4	-16.79%	3.74%	4.04%
492272	ROOSEVELT CNTY RURAL	13.2	13.7	13.5	13.8	3.84%	-1.94%	2.13%
492274	UNIVERSAL TEL OF SW	17.7	19.2	20.6	20.9	8.55%	7.44%	1.01%
492176	VALLEY TEL COOP - NM	6.7	7.2	7.5	7.9	6.07%	4.62%	5.26%
492268	WESTERN NEW MEXICO	24.7	25.4	27.2	28.8	3.04%	7.06%	5.65%
150106	ALLTEL NY-FULTON	125.7	523.6	546.6	537.8	316.43%	4.39%	-1.60%
150109	ALLTEL NY-JAMESTOWN	111.2	455.9	518.2	514.6	310.13%	13.67%	-0.69%
150113	ALLTEL NY-RED JACKET	4.7	19.0	20.0	20.1	302.69%	4.96%	0.93%
150072	AU SABLE VALLEY TEL	26.3	27.1	28.1	28.6	3.22%	3.56%	1.85%
150077	CHAMPLAIN TEL CO	29.4	31.4	34.4	18.7	6.69%	9.79%	-45.58%
150078	CHAUTAUQUA & ERIE	62.3	69.0	70.1	70.6	10.76%	1.65%	0.60%
150081	CITIZENS HAMMOND NY	4.3	4.4	4.5	4.6	1.39%	3.11%	2.92%
150085	CROWN POINT TEL CORP	4.1	5.7	5.9	6.0	38.88%	3.25%	1.89%
150091	DUNKIRK & FREDONIA	80.3	82.6	91.5	98.4	2.78%	10.82%	7.50%
150092	EDWARDS TEL CO	9.4	9.4	9.8	8.6	-0.42%	4.99%	-12.20%
150093	EMPIRE TEL CORP	26.8	26.9	32.6	35.4	0.59%	21.19%	8.58%
150097	GERMANTOWN TEL CO	11.0	11.5	10.9	10.9	4.84%	-5.19%	-0.69%
150099	HANCOCK TEL CO	7.8	8.0	8.2	8.2	1.72%	2.23%	1.10%
150100	HIGHLAND TEL CO	439.7	472.2	504.6	542.8	7.41%	6.85%	7.57%
150105	MIDDLEBURGH TEL CO	25.0	25.8	25.5	26.3	3.11%	-1.10%	3.11%
150108	NICHOLVILLE TEL CO	11.1	11.7	12.4	12.7	5.55%	6.05%	2.36%
150110	OGDEN TEL CO	218.4	230.2	241.7	252.6	5.40%	4.97%	4.52%
150116	PATTERSONVILLE TEL	N/A	9.8	13.6	14.7	N/A	38.37%	8.01%
150122	SENECA-GORHAM TEL	41.2	42.9	43.3	43.1	4.05%	0.90%	-0.43%
150128	SYLVAN LAKE TEL CO	156.3	182.6	183.5	194.9	16.83%	0.48%	6.19%
150084	TACONIC TEL CORP	106.4	130.0	127.6	119.2	22.25%	-1.85%	-6.61%
150133	VERNON TEL CO	16.7	16.7	19.6	20.2	0.39%	17.24%	3.10%
150135	WARWICK VALLEY-NY	69.3	71.1	75.8	79.9	2.60%	6.72%	5.38%
230476	ALLTEL CAROLINA-NO	1,066.0	1,140.4	1,233.1	1,314.7	6.98%	8.12%	6.62%
230468	ATLANTIC MEMBERSHIP	145.9	157.6	162.0	167.9	7.97%	2.80%	3.65%
230469	BARNARDSVILLE TEL CO	7.2	11.1	13.2	15.6	53.42%	19.80%	17.78%
230473	CITIZENS TEL CO	145.1	144.9	152.5	158.6	-0.17%	5.27%	4.00%
230474	CONCORD TEL CO	858.6	870.8	873.5	914.2	1.43%	0.30%	4.67%
230509	CONTEL OF NC	920.0	981.6	1,025.3	1,069.4	6.69%	4.45%	4.30%
230481	HEINS TEL CO	280.6	300.6	152.6	157.8	7.09%	-49.24%	3.41%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	141.0	148.6	147.3	158.9	5.37%	-0.91%	7.93%
230510	WILKES MEMBERSHIP	107.3	112.7	125.7	131.7	5.06%	11.54%	4.79%
381607	CONSOLIDATED COOP	38.3	37.9	39.6	40.1	-0.94%	4.44%	1.33%
381447	CONTEL ND DBA GTE ND	76.7	95.1	92.4	92.1	23.88%	-2.85%	-0.25%
381616	INTER-COMMUNITY TEL	9.1	9.4	9.5	8.1	3.55%	0.72%	-15.17%
381617	MIDSTATE TEL CO	7.9	8.7	8.9	8.9	10.82%	1.53%	0.65%
381630	POLAR COMM MUT AID	82.1	83.0	83.9	79.4	1.12%	1.12%	-5.35%
381632	RESERVATION TEL COOP	35.9	36.8	31.4	34.4	2.52%	-14.57%	9.59%
381634	SOURIS RIVER TELECOM	88.6	96.3	96.4	94.1	8.62%	0.07%	-2.29%
381637	W. RIVER TELECOM.	80.2	82.6	79.1	82.2	2.99%	-4.16%	3.84%
300665	ALLTEL OHIO-WEST OH	143.9	145.0	161.9	152.1	0.75%	11.64%	-6.05%
300682	C, C & S TELCO -OHIO	2.1	2.4	2.3	1.9	12.35%	-3.60%	-16.96%
300607	CONTINENTAL OF OHIO	15.9	19.4	19.1	18.1	22.41%	-1.60%	-5.49%
300613	LITTLE MIAMI COMM.	9.6	11.2	19.2	18.1	16.37%	72.21%	-5.92%
300597	THE CHILLICOTHE TEL	344.7	366.4	412.1	416.4	6.31%	12.48%	1.04%
431965	ALLTEL OKLAHOMA INC	77.2	76.2	74.5	75.3	-1.35%	-2.24%	1.12%
431966	ATLAS TEL CO	N/A	7.9	8.7	9.2	N/A	9.29%	5.65%
431974	CANADIAN VALLEY TEL	3.6	2.8	2.8	3.3	-21.63%	-1.77%	19.80%
431976	CARNEGIE TEL CO INC	11.1	11.2	10.9	10.8	1.05%	-2.68%	-1.01%
431979	CHEROKEE TEL CO	32.0	30.0	33.3	34.4	-6.24%	10.93%	3.17%
431980	CHICKASAW TEL CO	50.5	47.1	43.2	43.6	-6.59%	-8.32%	0.83%
431981	CHOUTEAU TEL CO	15.4	16.6	16.7	17.3	7.72%	0.77%	3.09%
431985	CROSS TEL CO	51.0	51.3	51.3	55.0	0.54%	0.06%	7.14%
431988	DOBSON TEL CO	34.5	34.4	33.4	37.6	-0.40%	-2.68%	12.55%
431994	GRAND TEL CO INC	16.5	13.8	13.9	15.3	-16.33%	0.33%	10.25%
431995	HINTON TEL CO	21.1	23.5	20.8	19.4	11.28%	-11.61%	-6.81%
431788	KANOKLA TEL ASSN-OK	7.3	6.3	6.3	5.8	-13.26%	-0.53%	-7.20%
432006	M-CLOUD TEL CO	117.4	69.9	98.9	76.8	-40.43%	41.47%	-22.40%
432011	OKLAHOMA ALLTEL, INC	95.1	101.0	104.2	113.4	6.21%	3.21%	8.84%
431984	OKLAHOMA COMM SYSTEM	113.3	110.1	111.1	127.5	-2.78%	0.87%	14.80%
432013	OKLAHOMA TEL & TEL	10.3	10.6	11.2	11.2	2.98%	5.52%	-0.58%
432014	OKLAHOMA WESTERN TEL	14.0	13.6	16.3	16.8	-2.78%	19.33%	3.61%
432016	PANHANDLE TEL COOP	23.8	21.9	23.2	25.0	-8.08%	6.14%	7.40%
432018	PIONEER TEL COOP INC	282.7	289.1	288.0	280.0	2.29%	-0.40%	-2.75%
432020	POTTAWATOMIE TEL CO	10.4	10.1	11.0	11.7	-2.63%	8.22%	6.46%
431831	S. CENTRAL TEL - OK	2.0	1.3	1.6	1.3	-37.19%	25.26%	-17.28%
432030	TOTAH TELEPHONE CO	6.6	6.8	7.2	6.2	3.39%	4.69%	-13.66%
432032	VALLIANT TEL CO	15.8	18.5	18.7	20.1	16.90%	0.91%	7.75%
432034	WYANDOTTE TEL CO	N/A	1.7	1.4	1.5	N/A	-17.00%	2.55%
532404	ASOTIN TEL - OR	0.2	0.3	0.3	0.3	84.81%	6.86%	9.75%
532359	BEAVER CREEK COOP	37.3	39.4	37.3	38.9	5.56%	-5.35%	4.28%
532304	C P NATIONAL CORP-OR	50.9	52.0	57.0	55.9	2.18%	9.62%	-1.85%
532362	CANBY TEL ASSN	56.0	61.0	58.8	63.0	8.90%	-3.56%	7.15%
532371	CASCADE UTIL INC	62.1	64.6	70.1	73.7	4.02%	8.48%	5.13%
532363	CLEAR CREEK MUTUAL	31.9	33.9	35.9	33.3	6.16%	6.05%	-7.37%
532364	COLTON TEL CO	7.3	7.0	7.3	7.7	-3.33%	3.11%	5.55%
532449	CONTEL OF THE NW- OR	166.0	168.6	181.7	204.9	1.59%	7.75%	12.78%
532376	HELIX TEL CO.	0.7	0.4	0.4	0.4	-33.78%	-0.74%	-2.47%
532377	HOME TELEPHONE CO	2.8	2.3	2.4	2.5	-19.02%	3.84%	5.70%
532456	MALHEUR HOME TEL CO	107.6	108.6	111.6	110.9	0.99%	2.71%	-0.64%
532226	MIDVALE TEL EXCH -OR	2.0	0.8	0.8	0.6	-60.78%	-2.58%	-26.51%
532383	MOLALLA TEL CO.	34.8	37.2	40.5	32.0	7.08%	8.71%	-20.92%
532385	MONROE TELEPHONE CO.	3.1	3.0	3.2	3.1	-5.33%	9.88%	-3.01%
532387	NEHALEM TEL & TEL	5.5	5.7	7.1	8.0	2.28%	25.14%	13.25%
532388	NORTH STATE TEL CO.	1.5	1.5	1.6	1.6	3.03%	6.47%	-0.66%
532389	OREGON TEL CORP	6.0	6.5	6.0	6.1	7.51%	-6.90%	0.31%
532392	PINE TEL SYSTEM INC.	4.0	3.3	3.4	3.2	-18.05%	4.03%	-4.95%
532393	PIONEER TEL COOP	57.0	59.3	62.2	68.6	4.12%	4.90%	10.32%
532375	RTI/HALSEY TEL CO	2.1	1.9	1.6	1.8	-7.59%	-13.63%	9.75%
532397	SCIO MUTUAL TEL ASSN	7.9	8.4	8.7	8.2	5.49%	4.01%	-5.76%
532361	TEL UTIL OF OREGON	239.4	215.2	247.7	244.3	-10.13%	15.10%	-1.37%
532378	TRANS-CASCADES TEL	0.6	0.4	0.4	0.5	-27.32%	6.53%	12.86%
170170	CONTEL OF PA	453.5	464.1	498.3	513.9	2.34%	7.37%	3.14%
170177	LACKAWAXEN TEL CO	N/A	6.4	7.0	7.4	N/A	9.05%	6.84%
170183	MAHANNOY & MAHANTONGO	N/A	21.9	22.1	22.0	N/A	0.98%	-0.83%
170192	NORTH PENN TEL CO	23.4	24.4	26.2	27.3	4.53%	7.43%	4.06%
170194	OSWAYO RIVER TEL CO	11.2	11.5	11.7	11.9	2.59%	1.89%	1.78%
170201	QUAKER STATE TEL CO	224.7	226.7	266.6	274.3	0.86%	17.61%	2.89%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	4.9	5.2	5.4	4.4	6.38%	3.63%	-18.51%
633200	PUERTO RICO COMM	N/A	1,154.2	987.6	1,053.3	N/A	-14.43%	6.66%
240512	BLUFFTON TEL. CO.	9.1	9.6	11.5	16.7	6.30%	18.94%	45.19%
240526	CONTEL OF SC	188.1	181.7	218.5	258.9	-3.42%	20.27%	18.47%
240520	FARMERS TEL COOP	519.0	548.8	581.6	646.4	5.75%	5.98%	11.13%
240523	HARGRAY TEL CO	179.1	215.3	235.9	229.7	20.24%	9.59%	-2.66%
240528	HORRY TEL COOP	319.0	453.3	400.4	402.0	42.09%	-11.65%	0.38%
240533	MCCLELLANVILLE TEL	8.2	9.2	10.3	10.4	11.86%	11.64%	1.65%
240539	POND BRANCH TEL CO	70.9	77.6	76.2	80.9	9.46%	-1.78%	6.13%
240551	WILLISTON TEL CO	34.4	38.3	40.5	40.0	11.18%	5.78%	-1.13%
391647	CHEYENNE RIVER SIOUX	20.7	20.5	24.3	21.6	-0.66%	18.36%	-11.33%
391643	CONTEL SD DBA GTE SD	53.8	58.1	61.3	64.1	7.99%	5.43%	4.56%
391659	GOLDEN WEST TELECOMM	94.2	94.7	99.4	98.3	0.61%	4.91%	-1.15%
391666	JEFFERSON TEL CO -SD	1.9	2.2	1.5	1.8	17.74%	-29.38%	15.77%
391667	KADOKA TELEPHONE CO	2.7	2.5	2.8	2.9	-6.08%	10.93%	3.24%
391668	KENNEBEC TEL CO	1.3	1.3	1.2	1.2	-2.70%	-6.44%	1.35%
391689	WEST RIVER COOP	16.2	15.0	16.2	14.9	-7.34%	7.98%	-8.04%
290552	ADAMSVILLE TEL CO	N/A	82.4	72.7	77.5	N/A	-11.84%	6.62%
290571	MILLINGTON TEL CO	259.0	269.1	274.6	283.2	3.90%	2.05%	3.12%
290575	TENNESSEE TEL CO	519.0	544.1	589.0	605.3	4.84%	8.25%	2.78%
290579	TWIN LAKES TEL COOP	290.5	279.3	299.2	319.2	-3.85%	7.11%	6.71%
442121	ALLTEL TEXAS INC	20.4	20.1	19.2	20.8	-1.86%	-4.08%	8.33%
442039	BIG BEND TEL CO INC	11.6	12.9	11.7	13.8	11.56%	-9.07%	17.89%
442040	BRAZORIA TEL CO	50.1	53.6	55.6	60.5	6.87%	3.85%	8.72%
442041	BRAZOS TEL COOP INC	3.0	1.4	1.2	1.6	-52.75%	-15.06%	33.10%
440425	CAMERON TEL CO TEXAS	4.4	4.0	3.2	3.2	-8.35%	-19.50%	-0.51%
442046	CAP ROCK TEL CO INC	13.7	13.2	12.4	13.9	-4.28%	-5.39%	11.79%
442052	CENTRAL TEXAS CO-OP	22.2	22.3	21.5	21.8	0.50%	-3.56%	1.18%
442059	COLORADO VALLEY TEL	29.2	27.9	24.4	30.3	-4.16%	-12.64%	24.13%
442066	DELL TEL. CO-OP - TX	2.1	3.2	2.9	2.9	57.30%	-11.51%	0.68%
442068	EASTEX TEL COOP INC	151.8	178.2	149.5	160.0	17.44%	-16.11%	7.01%
442262	ENMR TEL COOP-TX	6.7	6.2	6.3	6.6	-7.44%	1.58%	5.55%
442070	ETEX TEL COOP INC	47.2	76.2	75.1	83.6	61.47%	-1.37%	11.30%
442071	FIVE AREA TEL CO-OP	12.1	12.1	11.3	11.3	0.64%	-6.67%	-0.35%
442072	FORT BEND TEL CO	208.6	216.7	223.5	256.2	3.89%	3.13%	14.66%
442076	GANADO TELEPHONE CO	8.0	7.4	9.1	9.2	-7.44%	23.19%	0.77%
442083	GUADALUPE VALLEY TEL	74.0	70.4	71.5	78.1	-4.89%	1.52%	9.24%
442086	HILL COUNTRY CO-OP	50.7	57.6	44.3	54.5	13.51%	-23.13%	23.11%
442093	INDUSTRY TEL CO	6.4	6.4	5.8	7.3	-0.30%	-9.09%	24.74%
442097	KERRVILLE TEL CO	114.6	114.6	116.6	123.6	0.00%	1.67%	6.08%
442103	LA WARD TEL EXCHANGE	2.4	2.5	2.1	2.4	5.51%	-18.27%	18.40%
442101	LAKE DALLAS TEL CO	17.5	13.5	11.5	14.8	-22.83%	-15.18%	28.48%
442104	LAKE LIVINGSTON TEL	2.3	2.2	2.2	2.4	-3.91%	-0.75%	12.49%
442105	LIPAN TEL CO	N/A	N/A	5.9	4.3	N/A	N/A	-27.50%
442109	LUFKIN-CONROE TEL EX	653.2	690.4	697.0	769.3	5.69%	0.96%	10.38%
442112	MID-PLAINS RURAL TEL	14.2	13.2	10.7	13.1	-6.77%	-19.23%	23.27%
442116	MUENSTER TEL CORP-TX	11.6	13.8	14.0	14.7	18.58%	1.76%	4.44%
442117	MUSTANG TEL CO	6.2	5.9	5.5	6.9	-5.36%	-7.27%	26.74%
442130	PEOPLES TEL COOP -TX	44.9	44.9	45.3	45.5	-0.07%	0.87%	0.36%
442131	POKA-LAMBRO TEL COOP	22.9	22.3	15.0	19.6	-2.90%	-32.71%	30.91%
442134	RIVIERA TEL CO INC	3.6	3.7	3.7	4.1	1.97%	0.54%	10.35%
442147	SUGAR LAND TEL CO	362.3	459.9	506.5	533.9	26.96%	10.12%	5.41%
442150	TATUM TEL CO	N/A	N/A	4.3	4.3	N/A	N/A	1.65%
442151	TAYLOR TEL CO-OP INC	41.0	38.6	38.9	36.5	-5.78%	0.62%	-6.19%
442159	VALLEY TEL CO-OP -TX	27.3	31.6	26.3	30.8	15.82%	-16.93%	17.10%
442168	WES-TEX TEL CO-OP	28.2	23.9	26.6	23.3	-15.29%	11.18%	-12.54%
442166	WEST TEXAS RURAL TEL	14.2	15.0	11.5	15.1	5.82%	-23.33%	31.54%
442170	XIT RURAL TEL CO-OP	5.4	3.8	0.3	5.9	-28.35%	-91.01%	1596.51%
502284	BEEHIVE TEL CO - UT	N/A	8.6	8.4	8.6	N/A	-2.23%	2.00%
502277	CENTRAL UTAH TEL INC	7.2	7.1	7.7	8.4	-1.00%	8.24%	9.03%
502177	CONTEL THE WEST - UT	125.5	130.8	128.9	150.6	4.17%	-1.40%	16.77%
502278	EMERY COUNTY FARMERS	26.6	28.3	29.1	33.1	6.13%	2.90%	13.70%
502280	KAMAS-WOODLAND TEL	7.6	7.6	9.2	9.3	0.25%	21.78%	0.03%
502275	NAVAJO COMMUN - UT	0.7	0.8	0.8	0.8	17.46%	3.21%	-3.37%
502286	SOUTH CENTRAL UTAH	16.5	18.9	21.3	18.4	14.81%	12.80%	-13.53%
502287	UJINTAH BASIN TEL	18.3	17.6	18.1	15.3	-4.02%	2.99%	-15.54%
502288	UT-WY TELECOM	9.1	3.6	3.6	3.6	-60.50%	-0.49%	0.05%
140070	CONTEL OF VERMONT	179.7	186.5	188.7	199.5	3.79%	1.19%	5.72%

TABLE 4.13
LOCAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	LOCAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	11.2	11.8	12.7	13.3	5.76%	7.12%	4.59%
140061	NORTHFIELD TEL CO	14.3	14.5	14.7	18.2	1.21%	1.58%	23.46%
140062	PERKINSVILLE TEL CO	2.3	2.1	1.5	2.2	-8.76%	-30.76%	48.50%
140068	TOPSHAM TEL CO	5.9	7.7	8.4	7.3	30.36%	8.88%	-12.64%
643300	VIRGIN ISLANDS TEL	1,005.9	903.0	903.0	877.9	-10.23%	0.00%	-2.78%
140069	WAITSFIELD/FAYSTON	19.3	16.2	16.0	17.4	-15.63%	-1.60%	8.77%
190217	AMELIA TEL CORP	27.1	28.5	31.0	32.6	5.14%	8.70%	5.31%
190249	ROANOKE & BOTETOURT	N/A	77.1	77.4	85.4	N/A	0.32%	10.41%
522404	ASOTIN TEL - WA	8.2	8.6	8.7	9.1	5.42%	0.43%	4.96%
522449	CONTEL OF THE NW-WA	374.6	393.5	412.6	399.7	5.07%	4.83%	-3.11%
522410	COWICHE TELEPHONE CO	6.7	6.8	7.2	7.4	1.37%	6.03%	2.96%
522412	ELLENSBURG TEL CO	109.2	116.0	137.2	143.1	6.20%	18.31%	4.27%
522417	HAT ISLAND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
522419	HOOD CANAL TEL CO	1.4	1.5	1.6	1.7	4.23%	5.35%	7.38%
522423	INLAND TEL CO -WA	8.0	8.8	7.3	8.1	9.68%	-17.10%	10.72%
522426	KALAMA TEL CO	7.6	8.5	9.0	10.0	11.45%	6.18%	11.60%
522427	LEWIS RIVER TEL CO	10.8	11.1	12.8	6.5	2.31%	15.46%	-49.07%
522431	MASHELL TEL CO INC	7.2	7.7	8.2	9.0	6.56%	9.83%	9.34%
522436	PENINSULA TELECOMM	29.1	30.0	32.5	35.9	3.34%	8.31%	10.45%
522437	PIONEER TEL CO	4.0	4.0	4.0	4.5	-0.48%	0.49%	11.68%
522442	ST JOHN TEL CO	2.1	2.1	2.7	2.9	3.03%	28.07%	7.47%
522408	TEL UTIL OF WA INC	463.1	520.6	511.3	566.2	12.42%	-1.78%	10.74%
522446	TENINO TELEPHONE CO	10.7	11.2	12.0	13.6	5.35%	6.53%	13.29%
522447	TOLEDO TELEPHONE CO	9.3	8.1	8.8	9.6	-12.70%	8.42%	8.49%
522451	WESTERN WAHIAKUM	5.4	5.8	5.6	N/A	7.93%	-3.87%	N/A
522452	WHIDBEY TEL CO	42.1	31.2	36.0	N/A	-25.98%	15.38%	N/A
522453	YELM TELEPHONE CO	35.9	38.4	42.9	42.5	6.72%	11.74%	-0.90%
200278	CONTEL OF WV	275.8	303.2	346.1	343.7	9.95%	14.15%	-0.70%
200259	HARDY TEL CO	18.8	22.9	24.7	25.1	22.13%	7.86%	1.46%
200270	MOUNTAIN STATE TEL	230.2	235.2	234.7	225.8	2.18%	-0.22%	-3.80%
330841	CENCOM OF WISCONSIN	142.4	146.8	153.0	152.8	3.06%	4.24%	-0.11%
330859	CENTRAL STATE TEL CO	48.2	51.3	51.8	48.3	6.29%	0.98%	-6.67%
330895	CENTURY OF WISCONSIN	425.4	486.0	477.6	501.5	14.22%	-1.72%	5.00%
330860	CHEQUAMEGON TEL COOP	21.9	23.4	26.6	27.8	6.87%	13.54%	4.58%
330870	CRANDON TEL CO	14.3	15.1	16.8	17.4	5.54%	11.33%	3.80%
330891	HEADWATERS TEL CO	13.0	13.5	15.8	16.3	3.70%	16.84%	3.63%
330936	INDIANHEAD TEL CO	7.5	7.7	7.6	7.1	2.03%	-1.43%	-6.06%
330908	MARQUETTE-ADAMS COOP	12.0	10.2	10.5	11.4	-14.67%	3.18%	7.98%
330909	MIDWAY TEL CO	52.2	56.6	54.0	56.5	8.56%	-4.72%	4.76%
330913	MONROE COUNTY TEL CO	67.8	71.9	72.2	76.9	6.14%	0.40%	6.51%
330916	MOUNT HOREB TEL CO	27.0	28.1	29.2	30.2	4.06%	3.90%	3.54%
330917	MT VERNON TEL CO	51.7	53.2	65.6	62.7	2.82%	23.47%	-4.44%
330922	NORTH-WEST TEL CO	450.4	475.4	485.1	495.3	5.55%	2.03%	2.11%
330931	PEOPLES TEL CO	38.3	39.1	33.3	35.7	2.14%	-14.85%	7.17%
330934	PLATTEVILLE TEL CO	46.8	51.3	52.5	54.5	9.56%	2.26%	3.83%
330937	PRICE COUNTY TEL CO	25.2	3.6	3.7	23.3	-85.54%	0.77%	535.49%
330940	RHINELANDER TEL CO	84.9	89.1	95.2	98.5	4.98%	6.85%	3.48%
330952	SE TEL OF WISCONSIN	45.4	48.1	54.5	61.5	6.02%	13.18%	12.85%
330950	SOLOM SPRINGS TEL CO	77.2	81.9	69.3	66.1	6.10%	-15.33%	-4.72%
330956	UNIVERSAL OF N WISC	59.9	60.9	61.1	60.5	1.72%	0.25%	-1.00%
330964	URBAN TEL CORP	148.9	135.7	142.6	152.0	-8.85%	5.11%	6.58%
330963	UTELCO, INC	88.2	95.3	99.4	103.9	8.09%	4.27%	4.56%
330974	WOOD COUNTY TEL CO	193.7	191.3	202.9	212.0	-1.22%	6.05%	4.49%
512291	DUBOIS TEL EXCHANGE	6.8	6.6	7.4	8.3	-3.57%	12.67%	12.12%
512251	RANGE TEL COOP - WY	10.3	11.8	12.1	10.5	13.83%	2.80%	-13.14%
512295	SILVER STAR TEL-WY	4.6	5.3	5.6	6.1	14.55%	6.04%	7.79%
512299	TEL. UTIL. OF WY.	14.8	14.8	14.1	16.8	-0.02%	-4.85%	19.64%
512297	UNION TELEPHONE CO	23.2	24.8	25.4	27.6	7.09%	2.13%	8.86%
512290	UTAH-WYOMING TELECOM	1.5	1.4	1.7	1.7	-6.18%	15.34%	3.00%
NON-TIER 1 COST COMPANIES		41,559.0	47,269.4	49,812.5	52,265.9	13.74%	5.38%	4.93%
TOTAL COST COMPANIES		1,692,812.2	1,770,192.9	1,801,581.2	1,828,594.2	4.57%	1.77%	1.50%
AVERAGE SCHEDULE ESTIMATE		19,595.0	25,203.0	26,663.0	24,394.0	28.62%	5.79%	-8.51%
TOTAL INDUSTRY		1,712,407.2	1,795,395.9	1,828,244.2	1,852,988.2	4.85%	1.83%	1.35%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
250293	GTE SOUTH INC. - AL	206,939	226,324	234,000	237,856	9.37%	3.39%	1.65%	
255181	SO CENTRAL BELL-AL	1,674,209	1,797,116	1,852,520	2,115,342	7.34%	3.08%	14.19%	
452302	CONTEL CALIF - AZ	8,078	9,149	11,213	12,116	13.25%	22.56%	8.05%	
455101	MOUNTAIN BELL - AZ	1,676,565	1,576,251	1,537,376	1,587,804	-5.98%	-2.47%	3.28%	
401730	CONTEL OF ARKANSAS	33,515	198,239	208,017	203,554	491.49%	4.93%	-2.15%	
402080	GTE SOUTHWEST INC-AR	145,351	158,717	150,000	147,438	9.20%	-5.49%	-1.71%	
405211	SOUTHWESTERN BELL-AR	1,166,353	1,325,000	1,437,219	1,601,706	13.60%	8.47%	11.44%	
542302	CONTEL OF CALIFORNIA	889,442	1,021,023	1,232,114	1,413,245	14.79%	20.67%	14.70%	
542319	GTC OF CALIFORNIA	10,702,000	12,298,500	12,197,000	12,164,417	14.92%	-0.83%	-0.27%	
545170	PACIFIC BELL	39,175,039	42,541,206	45,372,789	49,301,811	8.59%	6.66%	8.66%	
542344	WEST COAST TEL OF CA	20,984	26,803	27,000	28,431	27.73%	0.73%	5.30%	
465102	MOUNTAIN BELL-CO	2,237,527	1,989,000	2,066,583	2,066,563	-11.11%	3.90%	-0.00%	
135200	SOUTHERN NEW ENGLAND	4,069,445	4,431,848	4,599,482	4,606,000	8.91%	3.78%	0.14%	
575020	C & P TEL CO OF WASH	0	0	0	0	0.00%	0.00%	0.00%	
565010	DIAMOND STATE TEL	226,000	261,000	298,021	326,791	15.49%	14.18%	9.65%	
210340	CENTEL OF FLORIDA	447,995	503,231	537,860	589,162	12.33%	6.88%	9.54%	
210328	GTE FLORIDA INC.	2,710,000	2,760,000	2,764,000	2,710,781	1.85%	0.14%	-1.93%	
215191	SOUTHERN BELL-FL	6,174,895	6,912,770	7,725,521	8,390,948	11.95%	11.76%	8.61%	
210341	UTC OF FLORIDA	1,365,265	1,426,170	1,505,134	1,650,237	4.46%	5.54%	9.64%	
220479	GTE SOUTH INC.- GA	452,317	497,021	505,000	524,337	9.88%	1.61%	3.83%	
225192	SOUTHERN BELL-GA	2,931,166	3,301,475	3,639,168	4,167,650	12.63%	10.23%	14.52%	
623100	GTE HAWAIIAN-TEL. CO	336,851	368,099	370,000	374,767	9.28%	0.52%	1.29%	
472416	GTE NORTHWEST INC-ID	112,867	114,464	121,000	118,264	1.42%	5.71%	-2.26%	
475103	MOUNTAIN BELL-ID	525,805	526,000	525,820	560,898	0.04%	-0.03%	6.67%	
475162	PACIFIC NW BELL-ID	38,114	40,956	43,166	45,941	7.46%	5.40%	6.43%	
340985	CENTEL OF ILLINOIS	269,118	295,199	296,540	330,593	9.69%	0.45%	11.48%	
341015	GTE NORTH INC. - IL	1,671,372	1,889,266	1,923,000	1,942,503	13.04%	1.79%	1.01%	
345070	ILLINOIS BELL TEL CO	3,669,374	3,873,973	4,213,000	4,374,508	5.58%	8.75%	3.83%	
320772	GTE NORTH INC. - IN	944,309	1,172,265	1,240,000	1,222,906	24.14%	5.78%	-1.38%	
325080	INDIANA BELL TEL CO	2,019,472	2,125,857	2,378,533	2,371,037	5.27%	11.89%	-0.32%	
320832	UTC OF INDIANA	389,749	443,791	475,210	533,216	13.87%	7.08%	12.21%	
351207	CONTEL IA DBA GTE IA	334,888	336,626	214,610	234,986	0.52%	-36.25%	9.49%	
351186	GTE NORTH INC. - IA	287,717	312,867	320,000	329,681	8.74%	2.28%	3.03%	
355141	NORTHWESTERN BELL-IA	1,541,659	1,569,653	1,550,230	1,684,499	1.82%	-1.24%	8.66%	
415214	SOUTHWESTERN BELL-KS	1,496,752	1,582,000	1,739,634	1,891,870	5.70%	9.96%	8.75%	
411842	UTC OF KANSAS	152,780	163,470	185,761	184,468	7.00%	13.64%	-0.70%	
265061	CINCINNATI BELL-KY	82,531	94,233	105,346	124,505	14.18%	11.79%	18.19%	
260407	GTE SOUTH INC. - KY	520,113	553,704	550,000	552,906	6.46%	-0.67%	0.53%	
265182	SO CENTRAL BELL-KY	1,097,230	1,171,536	1,147,544	1,461,014	6.77%	-2.05%	27.32%	
275183	SO CENTRAL BELL-LA	2,438,045	2,607,408	2,667,697	3,106,680	6.95%	2.31%	16.46%	
105111	NEW ENGLAND TEL-ME	1,061,955	1,172,731	1,215,448	1,016,127	10.43%	3.64%	-16.40%	
185030	C & P TEL CO OF MD	2,276,000	2,371,000	2,594,702	2,972,925	4.17%	9.43%	14.58%	
115112	NEW ENGLAND TEL-MA	7,959,700	8,814,578	12,163,883	11,796,876	10.74%	38.00%	-3.02%	
310695	GTE NORTH INC. - MI	1,466,529	1,644,123	1,647,000	1,693,619	12.11%	0.17%	2.83%	
315090	MICHIGAN BELL TEL CO	9,589,484	9,897,157	10,819,484	11,677,724	3.21%	9.32%	7.93%	
361367	CENTEL OF MN	143,784	132,935	142,948	137,962	-7.55%	7.53%	-3.49%	
361186	GTE NORTH INC. - MN	8,760	9,505	10,000	10,772	8.50%	5.21%	7.72%	
365142	NORTHWESTERN BELL-MN	1,911,187	1,997,473	1,979,420	2,179,185	4.51%	-0.90%	10.09%	
361456	UTC OF MINNESOTA	180,101	196,401	205,932	206,558	9.05%	4.85%	0.30%	
285184	SO CENTRAL BELL-MS	1,555,044	1,616,685	1,550,895	1,811,267	3.96%	-4.07%	16.79%	
421186	GTE NORTH INC. - MO	253,398	276,213	280,000	282,906	9.00%	1.37%	1.04%	
425213	SOUTHWESTERN BELL-MO	2,072,977	2,231,000	2,396,479	2,578,885	7.62%	7.42%	7.61%	
421957	UTC OF MISSOURI	421,696	506,564	470,545	421,958	20.13%	-7.11%	-10.33%	
482416	GTE NORTHWEST INC-MT	9,583	9,762	10,000	11,322	1.86%	2.44%	13.22%	
485104	MOUNTAIN BELL-MT	629,598	661,000	655,774	711,755	4.99%	-0.79%	8.54%	
371186	GTE NORTH INC. - NE	105,135	109,325	110,000	113,843	3.99%	0.62%	3.49%	
371568	LINCOLN TEL & TEL CO	420,001	441,263	440,038	456,954	5.06%	-0.28%	3.84%	
375143	NORTHWESTERN BELL-NE	540,636	544,096	560,341	590,578	0.64%	2.99%	5.40%	
371595	UTC OF THE WEST-NE	26,511	26,890	27,512	29,134	1.43%	2.31%	5.90%	
552348	CENTEL OF NV	80,089	126,250	139,485	161,212	57.64%	10.48%	15.58%	
552302	CONTEL OF CALIF-NV	30,491	37,095	36,243	41,697	21.66%	-2.30%	15.05%	
555173	NEVADA BELL	163,152	250,549	223,008	221,076	53.57%	-10.99%	-0.87%	
125113	NEW ENGLAND TEL-NH	1,077,700	1,114,973	1,251,908	1,037,835	3.46%	12.28%	-17.10%	
165120	NEW JERSEY BELL	18,752,000	20,062,000	21,236,946	21,584,454	6.99%	5.86%	1.64%	
160138	UNITED TEL - NJ, INC	719,261	788,130	735,705	839,813	9.58%	-6.65%	14.15%	
492080	GTE SOUTHWEST INC-NM	51,000	52,436	53,000	51,768	2.82%	1.07%	-2.32%	
495105	MOUNTAIN BELL-NM	690,618	685,324	668,041	714,107	-0.77%	-2.52%	6.90%	
150096	CONTEL OF NY, INC	764,000	709,709	791,511	772,463	-7.11%	11.53%	-2.41%	

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE SUBSCRIBER LINE USAGE MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	8,493,230	8,347,413	8,529,857	8,989,744	-1.72%	2.19%	5.39%
150119	RED HOOK TEL CO	44,544	48,772	51,365	51,987	9.49%	5.32%	1.21%
150121	ROCHESTER TEL CORP	653,684	713,346	767,553	765,294	9.13%	7.60%	-0.29%
150136	WESTERN COUNTIES TEL	65,556	68,173	72,002	73,327	3.99%	5.62%	1.84%
230470	CAROLINA TEL & TEL	1,376,834	1,540,360	1,814,493	1,695,081	11.88%	17.80%	-6.58%
230471	CENTEL OF NC	414,600	445,255	501,050	560,768	7.39%	12.53%	11.92%
230479	GTE SOUTH INC - NC	268,984	310,000	232,000	216,440	15.25%	-25.16%	-6.71%
235193	SOUTHERN BELL-NC	2,624,635	2,943,415	3,336,516	3,549,977	12.15%	13.36%	6.40%
385144	NORTHWESTERN BELL-ND	390,112	402,863	389,330	416,288	3.27%	-3.36%	6.92%
300630	CENTEL OF OHIO	162,202	171,669	157,378	170,184	5.84%	-8.32%	8.14%
305062	CINCINNATI BELL-OH	542,425	498,470	638,616	694,714	-8.10%	28.12%	8.78%
300615	GTE NORTH INC. - OH	1,505,610	1,690,002	1,766,000	1,806,025	12.25%	4.50%	2.27%
305150	OHIO BELL TEL CO	4,677,773	4,843,797	5,219,308	5,672,490	3.55%	7.75%	8.68%
300661	UTC OF OHIO	989,704	909,831	1,106,309	1,185,161	-8.07%	21.60%	7.13%
432080	GTE SOUTHWEST INC-OK	261,093	268,454	263,000	266,613	2.82%	-2.03%	1.37%
435215	SOUTHWESTERN BELL-OK	2,163,617	2,206,000	2,338,590	2,431,487	1.96%	6.01%	3.97%
532416	GTE NORTHWEST INC-OR	462,103	499,413	505,000	509,111	8.07%	1.12%	0.81%
535163	PACIFIC NW BELL-OR	1,698,853	1,757,000	1,841,260	2,006,127	3.42%	4.80%	8.95%
532400	UTC OF THE NW - OR	123,209	135,012	150,490	158,985	9.58%	11.46%	5.64%
175000	BELL OF PENNSYLVANIA	8,140,000	8,758,000	9,701,565	10,418,570	7.59%	10.77%	7.39%
170169	GTE NORTH INC. - PA	718,724	853,014	883,000	886,170	18.68%	3.52%	0.36%
170209	UTC OF PENNSYLVANIA	729,037	781,068	822,300	930,268	7.14%	5.28%	13.13%
633201	PUERTO RICO TEL CO	1,277,915	1,741,816	1,634,855	1,765,246	36.30%	-6.14%	7.98%
585114	NEW ENGLAND TEL - RI	484,153	536,975	725,547	743,979	10.91%	35.12%	2.54%
240479	GTE SOUTH INC. - SC	244,073	272,854	264,000	232,925	11.79%	-3.25%	-11.77%
245194	SOUTHERN BELL-SC	1,267,218	1,433,286	1,600,496	1,764,452	13.10%	11.67%	10.24%
240506	UTC OF THE CAROLINAS	115,142	129,349	110,224	121,566	12.34%	-14.79%	10.29%
395145	NORTHWESTERN BELL-SD	403,040	424,176	415,583	445,473	5.24%	-2.03%	7.19%
290479	GTE SOUTH INC. - TN	90,888	101,863	103,000	107,224	12.08%	1.12%	4.10%
295185	SO. CENTRAL BELL -TN	2,336,867	2,680,606	2,981,523	2,943,847	14.71%	11.23%	-1.26%
290567	UNITED INTER-MT-TN	295,728	324,243	278,000	335,081	9.64%	-14.26%	20.53%
442114	CENTEL OF TEXAS	293,014	295,857	314,290	317,923	0.97%	6.23%	1.16%
442154	CONTEL OF TEXAS	606,292	585,000	584,929	615,727	-3.51%	-0.01%	5.27%
442080	GTE SOUTHWEST INC-TX	2,904,585	2,784,455	2,693,000	2,736,380	-4.14%	-3.28%	1.61%
445216	SOUTHWESTERN BELL-TX	11,351,257	11,563,000	12,817,498	13,261,277	1.87%	10.85%	3.46%
442084	UTC OF TEXAS INC	350,491	374,217	404,181	344,354	6.77%	8.01%	-14.80%
505107	MOUNTAIN BELL-UT	894,382	879,267	942,002	984,615	-1.69%	7.13%	4.52%
145115	NEW ENGLAND TEL-VT	433,115	459,261	503,139	357,689	6.04%	9.55%	-28.91%
195040	C & P TEL CO OF VA	2,853,000	3,063,000	3,404,883	3,585,715	7.36%	11.16%	5.31%
190254	CENTEL OF VIRGINIA	420,301	498,727	545,766	617,501	18.66%	9.43%	13.14%
190233	CONTEL OF VIRGINIA	990,685	761,197	715,795	801,697	-23.16%	-5.96%	12.00%
190479	GTE SOUTH INC. - VA	54,610	59,351	59,000	60,459	8.68%	-0.59%	2.47%
190567	UNITED INTER-MT-VA	120,000	134,691	149,897	154,773	12.24%	11.29%	3.25%
522416	GTE NORTHWEST INC-WA	1,036,346	1,202,264	1,217,000	1,233,708	16.01%	1.23%	1.37%
525161	PACIFIC NW BELL-WA	3,054,319	3,206,000	3,314,556	3,583,777	4.97%	3.39%	8.12%
522400	UTC OF THE NW-WA	152,194	156,722	177,482	196,594	2.97%	13.25%	10.77%
205050	C & P TEL CO OF WV	959,000	931,000	895,415	908,077	-2.92%	-3.82%	1.41%
200479	GTE SOUTH INC. - WV	109,032	113,089	113,000	112,957	3.72%	-0.08%	-0.04%
330886	GTE NORTH INC. - WI	769,166	924,349	962,000	963,522	20.18%	4.07%	0.16%
335220	WISCONSIN BELL	2,240,594	2,513,236	2,771,339	3,127,850	12.17%	10.27%	12.86%
515108	MOUNTAIN BELL-WY	324,791	320,000	321,982	339,849	-1.48%	0.62%	5.55%
511595	UTC OF THE WEST-WY	7,374	7,883	8,453	8,849	6.91%	7.24%	4.68%
TIER 1 COST COMPANIES		220,148,316	235,656,436	252,499,174	265,644,102	7.04%	7.15%	5.21%
250302	ALLTEL ALABAMA	N/A	N/A	46,113	49,155	N/A	N/A	6.60%
250284	BUTLER TEL CO	6,725	7,263	7,332	8,649	8.01%	0.94%	17.97%
250281	CONTEL OF THE SOUTH	189,268	180,281	192,084	202,556	-4.75%	6.55%	5.45%
250297	GROVE HILL TEL CORP	5,426	6,638	7,305	7,617	22.34%	10.03%	4.28%
250298	GULF TEL CO - AL	33,119	30,947	33,019	41,808	-6.56%	6.70%	26.62%
250300	HOPPER TEL. CO INC	7,271	8,073	9,678	10,278	11.03%	19.88%	6.20%
250304	MILLRY TEL CO	9,275	10,685	11,831	12,814	15.20%	10.72%	8.31%
250306	MONROEVILLE TEL CO	18,000	22,389	23,562	28,013	24.38%	5.24%	18.89%
250314	PEOPLES TEL CO	16,450	16,865	19,856	21,182	2.52%	17.74%	6.67%
250316	RAGLAND TEL CO	2,796	3,197	3,496	3,795	14.34%	9.35%	8.57%
250318	SOUTHLAND TEL CO-AL	18,765	24,874	23,736	32,492	32.56%	-4.58%	36.89%
613000	ANCHORAGE TEL UTIL	134,842	160,491	165,759	179,108	19.02%	3.28%	8.05%
613001	ARCTIC SLOPE TEL	9,302	11,048	13,079	15,901	18.77%	18.38%	21.58%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	2,647	3,200	3,765	4,244	20.87%	17.65%	12.73%
613004	BUSH-TELL INC.	2,095	2,330	2,830	3,038	11.20%	21.45%	7.37%
613006	COPPER VALLEY TEL	7,240	8,287	18,241	11,242	14.46%	120.13%	-38.37%
613007	CORDOVA TEL COOP	2,459	2,876	4,486	4,105	17.00%	55.94%	-8.48%
613008	FAIRBANKS MUNICIPAL	N/A	36,681	40,627	44,669	N/A	10.76%	9.95%
613010	GLACIER STATE TEL CO	46,945	54,594	63,012	65,968	16.29%	15.42%	4.69%
613009	GTE ALASKA INC.	33,023	37,478	38,279	38,438	13.49%	2.14%	0.41%
613011	INTERIOR TEL CO INC	6,834	8,101	9,281	11,000	18.54%	14.57%	18.52%
613012	JUNEAU & DOUGLAS TEL	23,282	25,648	27,818	30,305	10.16%	8.46%	8.94%
613013	KETCHIKAN PUBLIC UT	N/A	9,320	10,834	11,094	N/A	16.25%	2.40%
613015	MATANUSKA TEL ASSOC	62,645	62,355	64,712	70,894	-0.46%	3.78%	9.55%
613016	MUKLUK TEL CO INC	2,463	2,798	3,000	3,122	13.60%	7.23%	4.07%
613018	NUSHAGAK TEL COOP	3,913	4,500	4,947	5,469	15.02%	9.94%	10.55%
613019	OTZ TEL COOPERATIVE	6,526	8,403	10,433	10,617	28.77%	24.16%	1.77%
613020	SITKA TELEPHONE CO	20,182	21,438	26,753	28,331	6.23%	24.79%	5.90%
613022	TEL UTIL OF ALASKA	1,537	1,967	2,191	2,203	27.96%	11.37%	0.56%
613023	UNITED UTILITIES INC	N/A	15,495	17,329	18,954	N/A	11.84%	9.38%
613025	YUKON TEL CO INC	1,427	1,598	1,892	2,004	11.94%	18.44%	5.89%
452171	ARIZONA TELEPHONE CO	5,241	5,350	5,937	6,236	2.08%	10.98%	5.04%
452172	CITIZENS UTILITIES	62,053	43,904	42,400	49,921	-29.25%	-3.43%	17.74%
452177	CONTEL OF WEST-AZ	54,478	53,914	62,328	70,762	-1.04%	15.61%	13.53%
452275	NAVAJO COMMUN-AZ	23,838	26,388	29,459	28,776	10.70%	11.64%	-2.32%
452173	PAPAGO TRIBAL UTIL.	N/A	1,446	3,669	4,017	N/A	153.68%	9.46%
452175	UNIVERSAL TEL OF SW	2,423	2,678	2,802	2,863	10.53%	4.62%	2.19%
452176	VALLEY TEL COOP-AZ	6,029	5,856	7,461	7,215	-2.88%	27.41%	-3.29%
401691	ALLTEL ARKANSAS INC	152,340	169,866	184,833	181,710	11.50%	8.81%	-1.69%
401692	ARKANSAS TEL CO	7,565	8,298	8,770	9,357	9.69%	5.70%	6.69%
401697	CENTRAL ARKANSAS TEL	5,089	5,523	6,206	12,098	8.53%	12.38%	94.94%
401705	CENTURY OF ARKANSAS	18,129	20,927	24,225	26,397	15.43%	15.76%	8.96%
401698	CLEVELAND COUNTY TEL	6,652	7,477	8,274	9,894	12.40%	10.66%	19.58%
401699	DECATUR TEL CO INC	2,214	2,214	2,925	3,201	8.98%	21.22%	9.42%
401709	MADISON COUNTY TEL	5,400	5,744	6,157	6,438	6.37%	7.19%	4.57%
401711	MOUNTAIN HOME TEL	12,303	18,398	22,425	24,206	49.54%	21.89%	7.94%
401713	NORTH ARKANSAS TEL	10,086	10,826	10,007	11,372	7.33%	-7.57%	13.64%
401717	PERCO TELEPHONE CO	N/A	N/A	7,089	7,350	N/A	N/A	3.69%
401720	REDFIELD TEL CO	3,783	4,941	5,527	6,054	30.62%	11.85%	9.55%
401702	SOUTH ARKANSAS TEL	6,913	8,076	8,714	8,789	16.82%	7.90%	0.86%
401726	TRI-COUNTY TEL CO-AR	6,794	9,010	9,739	10,444	32.62%	8.09%	7.23%
401727	UNION TEL CO INC	886	2,169	2,400	2,648	144.75%	10.64%	10.34%
401729	WALNUT HILL TEL CO	10,543	10,932	10,207	9,965	3.69%	-6.63%	-2.37%
401733	YELCOT TEL CO INC	5,292	5,735	5,787	5,771	8.38%	0.89%	-0.26%
401734	YELL COUNTY TEL CO	10,272	10,580	10,587	11,060	3.00%	0.06%	4.47%
542304	C P NATIONAL CORP-CA	41,330	44,913	41,130	51,651	8.67%	-8.42%	25.58%
542301	CALAVERAS TEL CO	5,382	7,323	9,881	11,092	36.07%	34.93%	12.26%
542311	CALIF-OREGON TEL CO	4,839	6,161	5,331	5,209	27.32%	-13.48%	-2.27%
542308	CITIZENS UTIL OF CA	156,572	186,009	224,291	265,701	18.80%	20.58%	18.46%
542313	DUCOR TELEPHONE CO	2,755	2,941	3,119	3,257	6.76%	6.06%	4.42%
542315	EVANS TEL CO.	29,395	40,596	44,198	48,945	38.10%	8.87%	10.74%
542318	FORESTHILL TEL CO.	N/A	8,846	10,396	11,151	N/A	17.52%	7.26%
542321	HAPPY VALLEY TEL CO	N/A	8,500	9,652	9,673	N/A	13.55%	0.22%
542322	HORNITOS TEL CO	N/A	2,560	2,453	2,661	N/A	-4.20%	8.49%
542324	KERMAN TELEPHONE CO	14,105	14,092	16,697	18,360	-0.09%	18.49%	9.96%
542346	PINNACLES TEL CO	1,723	1,685	2,131	2,679	-2.23%	26.45%	25.72%
542334	ROSEVILLE TEL CO	137,835	171,264	202,599	267,964	24.25%	18.30%	32.26%
542338	SIERRA TELEPHONE CO	N/A	42,988	51,585	53,025	N/A	20.00%	2.79%
542332	THE PONDEROSA TEL CO	19,986	23,680	25,296	27,743	18.49%	6.82%	9.67%
542339	THE SISKIYOU TEL CO	15,119	14,860	16,412	18,318	-1.71%	10.44%	11.61%
542343	THE VOLCANO TEL CO	31,697	30,618	31,744	35,224	-3.41%	3.68%	10.97%
542342	TUOLUMNE TEL CO	18,781	21,677	20,515	27,758	15.42%	-5.36%	35.31%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	1,491	1,632	N/A	N/A	9.45%
462192	BIG SANDY TELCOMM	2,485	2,522	2,415	2,485	1.50%	-4.25%	2.90%
462181	BIJOU TEL COOP ASSOC	3,906	3,799	3,798	4,149	-2.73%	-0.04%	9.26%
462182	BLANCA TEL CO	1,247	749	758	1,646	-39.95%	1.15%	117.27%
462204	COLUMBINE TEL CO	2,227	1,516	1,546	1,566	-31.94%	2.01%	1.29%
462184	DELTA COUNTY TEL CO	10,197	10,474	10,262	10,601	2.71%	-2.02%	3.30%
462185	EAGLE TELECOMMUN INC	13,621	18,536	18,103	16,790	36.09%	-2.34%	-7.25%
462186	EASTERN SLOPE RURAL	13,199	14,284	13,724	13,052	8.22%	-3.92%	-4.90%
462187	EL PASO COUNTY TEL	7,123	9,104	9,050	7,669	27.81%	-0.59%	-15.26%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	838	846	1,005	1,079	0.95%	18.77%	7.41%
462190	HAXTUN TEL CO	4,369	4,388	4,508	4,250	0.42%	2.74%	-5.73%
462193	NUCLA-NATURITA TEL	2,735	2,347	2,377	2,097	-14.16%	1.24%	-11.76%
462194	NUNN TEL CO	803	853	840	920	6.24%	-1.60%	9.59%
462196	PEETZ COOP TEL CO	501	587	633	598	17.03%	7.97%	-5.52%
462199	PLAINS COOP TEL ASSN	4,831	4,976	5,221	5,600	3.02%	4.92%	7.25%
462203	RYE TELEPHONE CO	3,344	3,684	4,120	4,591	10.16%	11.85%	11.43%
462207	STRASBURG TEL CO	3,481	3,332	3,503	3,728	-4.28%	5.13%	6.42%
461835	SUNFLOWER TEL - CO	1,036	1,150	948	958	10.96%	-17.56%	1.07%
462208	UNIVERSAL TEL CO -CO	5,984	5,924	6,568	7,469	-0.99%	10.87%	13.71%
462209	WIGGINS TEL ASSOC	4,454	4,475	4,655	5,181	0.46%	4.02%	11.32%
210336	ALLTEL FLORIDA INC.	117,822	122,989	141,374	142,134	4.39%	14.95%	0.54%
210291	FLORALA TEL CO	2,248	2,757	3,017	3,005	22.64%	9.46%	-0.43%
210329	GULF TEL CO	13,157	20,709	21,819	17,987	57.40%	5.36%	-17.56%
210331	INDIANTOWN SYSTEM	9,319	11,786	10,764	12,825	26.47%	-8.67%	19.15%
210335	NORTHEAST FLORIDA	12,535	15,433	19,232	15,204	23.12%	24.61%	-20.94%
210338	QUINCY TEL CO-FL DIV	22,726	24,000	27,785	30,062	5.60%	15.77%	8.20%
210318	SOUTHLAND TEL-FL	3,138	3,554	4,736	7,037	13.25%	33.26%	48.58%
210339	ST JOSEPH TEL & TEL	40,821	46,028	51,373	54,613	12.76%	11.61%	6.31%
210330	VISTA-UNITED TELCOM	18,247	25,783	26,831	32,104	41.30%	4.06%	19.65%
220357	ALLTEL GEORGIA INC.	N/A	N/A	100,247	109,660	N/A	N/A	9.39%
220344	ALMA TEL CO	11,287	13,173	12,663	12,663	16.71%	-3.87%	0.00%
220347	BRANTLEY TEL CO	7,520	8,110	9,116	10,595	7.85%	12.40%	16.22%
220351	CAMDEN TEL & TEL CO	12,707	17,105	17,041	19,925	34.62%	-0.37%	16.92%
220355	CITIZENS TEL CO - GA	9,320	9,945	10,889	12,806	6.70%	9.49%	17.61%
220356	COASTAL UTILITIES	44,284	50,212	56,372	63,351	13.39%	12.27%	12.38%
220281	CONTEL OF SOUTH - GA	129,836	153,022	173,142	183,546	17.86%	13.15%	6.01%
220358	DARIEN TEL CO	7,787	9,339	10,186	11,499	19.94%	9.06%	12.89%
220360	ELLIJAY TEL CO	12,123	16,651	16,702	19,820	37.35%	0.30%	18.67%
220371	INTERSTATE TEL CO	12,523	16,536	18,497	19,494	32.04%	11.86%	5.39%
220377	PINELAND TEL COOP	19,197	21,661	23,103	25,862	12.84%	6.66%	11.95%
220379	PLANT TEL. CO.	18,080	20,041	21,497	21,508	10.85%	7.26%	0.05%
220381	PUBLIC SERVICE TEL	19,910	22,656	24,577	26,737	13.79%	8.48%	8.79%
220338	QUINCY TEL CO-GA DIV	949	868	980	1,352	-8.57%	12.95%	37.95%
220386	STANDARD TEL CO	97,886	114,230	126,332	123,699	16.70%	10.59%	-2.08%
220392	WAVERLY HALL TEL CO	2,709	3,328	3,583	4,046	22.87%	7.66%	12.91%
220394	WILKES TEL & ELC CO	18,210	19,111	22,372	22,827	4.95%	17.07%	2.03%
472213	ALBION TEL CO INC	2,451	2,496	2,540	2,640	1.84%	1.75%	3.96%
472215	CAMBRIDGE TEL CO	2,043	2,161	2,548	2,568	5.82%	17.89%	0.79%
472225	CENTURY TEL OF IDAHO	3,820	4,179	4,083	4,782	9.40%	-2.31%	17.14%
472177	CONTEL OF WEST-ID	31,050	33,338	37,787	39,201	7.37%	13.35%	3.74%
472218	CUSTER TEL COOP	2,643	2,998	3,033	2,979	13.41%	1.18%	-1.78%
472223	GEM STATE UTIL-ID	2,826	3,623	3,687	3,833	28.22%	1.75%	3.96%
472423	INLAND TEL-ID	990	948	804	807	-4.26%	-15.13%	0.39%
472226	MIDVALE TEL EXCH INC	429	790	1,095	1,118	84.22%	38.59%	2.09%
472231	PROJECT MUTUAL TEL	7,978	8,873	9,623	10,492	11.22%	8.45%	9.03%
472232	ROCKLAND TEL CO INC	928	959	1,092	1,160	3.27%	13.93%	6.18%
472233	RURAL TEL CO - ID	526	680	721	758	29.28%	6.03%	5.13%
472295	SILVER STAR TEL- ID	916	1,007	1,003	1,098	9.90%	-0.40%	9.48%
472234	TROY TELEPHONE CO	1,900	2,029	2,150	2,419	6.80%	5.92%	12.54%
341000	ALLTEL ILLINOIS INC.	102,255	110,121	120,832	134,750	7.69%	9.73%	11.52%
341036	CONTEL OF ILLINOIS	526,852	569,825	630,175	694,375	8.16%	10.59%	10.19%
341004	EL PASO TEL CO	5,440	6,254	6,857	7,358	14.96%	9.64%	7.31%
341023	GRIDLEY TEL CO	5,165	5,209	5,449	5,824	0.86%	4.61%	6.88%
341037	IL CONSOLIDATED TEL	224,051	237,785	254,348	267,704	6.13%	6.97%	5.25%
341038	INLAND TEL CO	18,886	19,659	21,484	22,713	4.09%	9.28%	5.72%
341045	LEAF RIVER VLY TEL	2,170	2,323	2,367	2,481	7.02%	1.88%	4.84%
341055	MIDLAND TEL CO	16,520	17,562	18,479	19,670	6.31%	5.22%	6.44%
341060	MOULTRIE INDEPENDENT	2,333	2,408	2,569	3,501	3.20%	6.68%	36.28%
320753	CLAY CTY RURAL COOP	19,027	23,225	27,064	28,956	22.07%	16.53%	6.99%
320776	COMM CORP OF INDIANA	N/A	15,507	16,785	18,596	N/A	8.24%	10.79%
320779	CONTEL OF INDIANA	282,716	313,086	317,000	377,224	10.74%	1.25%	19.00%
320797	NEW PARIS TEL INC	3,249	3,562	4,728	4,493	9.65%	32.71%	-4.96%
320800	NORTHWESTERN INDIANA	26,385	29,182	30,337	32,722	10.60%	3.96%	7.86%
351346	ACE TEL ASSN-IA	5,987	8,371	9,818	13,511	39.83%	17.28%	37.62%
351105	AYRSHIRE FARMERS MUT	1,309	1,387	1,470	1,495	5.91%	6.01%	1.69%
351110	BERNARD TEL CO INC	1,572	1,654	2,003	3,001	5.20%	21.12%	49.84%
351127	CENDEL OF IOWA	N/A	116,252	116,814	123,944	N/A	0.48%	6.10%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
351888	GRAND RIVER MUT-IA	12,078	13,494	13,986	14,655	11.72%	3.65%	4.78%	
351229	LOST NATION-ELWOOD	1,711	1,750	2,148	2,894	2.24%	22.79%	34.71%	
351316	UNITED FARMERS TEL	N/A	1,778	1,933	1,870	N/A	8.71%	-3.28%	
351327	WEBB-DICKENS TEL	1,854	2,079	2,129	2,118	12.17%	2.39%	-0.52%	
411741	ASSARIA TEL EXCHANGE	2,181	2,401	2,489	2,667	10.10%	3.67%	7.12%	
411746	BLUE VALLEY TEL CO	8,933	9,377	9,192	9,178	4.97%	-1.98%	-0.15%	
411818	CRAW-KAN TEL COOP	33,876	36,022	37,631	39,476	6.33%	4.47%	4.90%	
411761	CUNNINGHAM TEL CO	4,859	4,857	4,996	5,782	-0.05%	2.88%	15.73%	
411764	ELKHART TEL CO INC	2,335	2,552	2,407	2,607	9.30%	-5.69%	8.32%	
411781	H & B COMMUNICATIONS	3,319	3,303	3,110	3,519	-0.47%	-5.85%	13.13%	
411782	HOME TEL CO	4,922	5,157	5,593	5,600	4.78%	8.45%	0.13%	
411785	J. B. N. TEL CO INC	7,389	12,724	8,714	9,187	72.20%	-31.51%	5.43%	
411788	KANOKLA TEL ASSN-KS	5,894	5,843	5,780	5,308	-0.87%	-1.08%	-8.16%	
411801	MADISON TEL CO INC	1,738	1,791	1,758	2,005	3.08%	-1.86%	14.05%	
411807	MOKAN DIAL INC-KS	6,756	7,263	8,056	8,237	7.52%	10.91%	2.25%	
411808	MOUNDRIDGE TEL CO	6,388	6,713	6,695	7,970	5.10%	-0.28%	19.06%	
411814	PEOPLES MUTUAL TEL	2,675	2,680	2,714	2,964	0.19%	1.24%	9.22%	
411817	PIONEER TEL ASSN INC	N/A	28,082	26,196	33,043	N/A	-6.72%	26.14%	
411826	RURAL TEL SERVICE CO	21,199	21,117	22,533	23,582	-0.38%	6.70%	4.65%	
411827	S & T TEL COOP ASSN	5,836	6,069	5,899	6,084	3.99%	-2.79%	3.12%	
411831	S. CENTRAL TEL - KS	3,830	3,904	3,937	3,981	1.93%	0.85%	1.14%	
411835	SUNFLOWER TEL CO	9,256	10,009	10,073	9,772	8.14%	0.64%	-2.98%	
412030	TOTAH TELEPHONE CO	4,251	4,357	4,542	5,192	2.48%	4.25%	14.31%	
411840	TWIN VALLEY TEL INC	6,494	6,715	5,798	8,075	3.40%	-13.67%	39.29%	
411841	UNITED TEL ASSN	16,300	16,684	17,183	17,000	2.36%	2.99%	-1.06%	
411847	WHEAT STATE TEL, INC	7,189	7,355	8,166	9,423	2.32%	11.02%	15.39%	
411849	WILSON TEL CO INC	6,063	6,734	7,803	8,584	11.06%	15.89%	10.00%	
411852	ZENDA TEL COMPANY	1,082	1,097	1,067	1,104	1.32%	-2.73%	3.51%	
260410	CONTEL OF KENTUCKY	100,413	122,898	139,044	153,649	22.39%	13.14%	10.50%	
270431	CADDOAN TEL CO	15,531	18,907	19,962	21,415	21.74%	5.58%	7.28%	
270425	CAMERON TEL CO - LA	15,172	18,489	22,340	29,550	21.86%	20.83%	32.27%	
270423	CENTRAL LOUISIANA	28,729	35,434	38,832	44,097	23.34%	9.59%	13.56%	
270436	CENTURY NORTH LA	50,586	50,029	18,042	20,098	-1.10%	-63.94%	11.39%	
270440	CENTURY TEL CO	6,204	7,384	7,459	8,639	19.01%	1.02%	15.82%	
270424	COASTAL TEL & ELEC	24,834	28,147	30,640	31,725	13.34%	8.86%	3.54%	
270429	EAST ASCENSION TEL	51,596	59,114	62,650	97,738	14.57%	5.98%	56.01%	
270430	ELIZABETH TEL CO	5,441	4,827	5,188	6,090	-11.29%	7.48%	17.38%	
270434	EVANGELINE TEL CO	63,229	72,336	74,638	86,505	14.40%	3.18%	15.90%	
270433	LAFOURCHE TEL CO	19,411	21,254	25,307	33,963	9.50%	19.07%	34.21%	
270442	LOUISIANA WESTERN	8,508	10,416	10,899	11,690	22.43%	4.64%	7.26%	
270435	NORTHEAST LOUISIANA	3,120	3,942	4,015	4,140	26.34%	1.85%	3.12%	
270438	RESERVE TEL CO	N/A	N/A	10,293	13,838	N/A	N/A	34.44%	
100004	CHINA TEL CORP	N/A	8,646	9,454	10,396	N/A	9.35%	9.96%	
100014	CONTEL OF MAINE	89,069	98,844	109,955	115,372	10.97%	11.24%	4.93%	
100010	HAMPDEN TEL CO	N/A	6,231	7,052	9,399	N/A	13.17%	33.28%	
100011	HARTLAND & ST ALBANS	6,185	7,423	8,428	8,920	20.00%	13.55%	5.84%	
100003	LINCOLNVILLE TEL CO	2,461	2,755	2,825	3,242	11.97%	2.53%	14.74%	
100024	SOMERSET TEL CO	20,157	24,146	26,711	29,350	19.79%	10.62%	9.88%	
100025	STANDISH TEL CO	N/A	19,595	21,187	23,784	N/A	8.13%	12.25%	
100027	UNION RIVER TEL CO	1,644	2,648	2,120	3,470	61.04%	-19.95%	63.69%	
100029	UNITY TEL CO., INC.	N/A	9,594	10,855	11,515	N/A	13.14%	6.08%	
100031	WARREN TEL CO	5,133	5,765	6,790	7,149	12.33%	17.78%	5.28%	
100034	WEST PENOBSCOT TEL	5,587	6,125	7,122	7,958	9.63%	16.28%	11.74%	
310704	ACE TEL OF MICHIGAN	10,068	11,684	13,906	14,780	16.05%	19.02%	6.28%	
310681	ALLTEL MICHIGAN INC.	134,720	153,546	169,328	179,632	13.97%	10.28%	6.09%	
310679	BLOOMINGDALE TEL CO	6,070	6,961	7,673	8,062	14.67%	10.22%	5.07%	
310682	C, C & S TELCO - MI	45,983	51,520	56,496	56,199	12.04%	9.66%	-0.53%	
310683	CARR TEL CO	2,310	3,542	3,894	4,257	53.31%	9.92%	9.33%	
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	121,079	N/A	N/A	N/A	
310702	CENTURY OF MICHIGAN	121,343	146,890	159,945	182,821	21.05%	8.89%	14.30%	
310685	CHATHAM TEL CO - MI	4,733	5,295	6,075	6,964	11.88%	14.72%	14.63%	
310680	CHIPPEWA COUNTY TEL	2,094	2,496	2,797	3,004	19.19%	12.06%	7.39%	
310713	HIAWATHA TEL CO	7,270	9,602	11,350	11,885	32.07%	18.21%	4.71%	
310711	MIDWAY TEL CO	1,740	1,846	1,808	1,915	6.13%	-2.05%	5.90%	
310714	OGDEN TEL CO	N/A	884	1,155	1,246	N/A	30.55%	7.92%	
310717	ONTONAGON COUNTY TEL	5,729	6,686	7,747	7,873	16.71%	15.86%	1.63%	
310721	PIGEON TEL CO	10,427	11,319	11,036	10,872	8.56%	-2.50%	-1.48%	
310728	SPRINGPORT TEL CO	5,818	6,614	7,508	7,546	13.68%	13.53%	0.51%	

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE SUBSCRIBER LINE USAGE MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	10,330	12,381	13,800	14,587	19.85%	11.47%	5.70%
310737	WINN TEL CO	N/A	3,433	3,791	4,151	N/A	10.42%	9.50%
310738	WOLVERINE TEL CO	27,351	30,750	31,997	36,226	12.43%	4.06%	13.22%
361346	ACE TEL ASSN-MN	16,662	17,828	20,475	21,866	7.00%	14.84%	6.80%
361374	ARROWHEAD COMM CORP	1,423	1,784	1,905	1,880	25.39%	6.74%	-1.26%
361350	ARVIG TEL CO	13,357	15,864	17,514	18,491	18.77%	10.40%	5.58%
361370	CLARA CITY TEL EXCH	4,422	4,244	4,240	4,161	-4.01%	-0.11%	-1.85%
361140	CONTEL MN DBA GTE MN	268,265	294,844	304,176	308,495	9.91%	3.17%	1.42%
361385	EAST OTTER TAIL TEL	20,509	35,152	44,648	41,118	71.40%	27.02%	-7.91%
361395	GARDEN VALLEY TEL CO	34,396	37,421	40,121	41,685	8.79%	7.22%	3.90%
361410	JOHNSON TEL CO	2,325	2,492	2,620	2,937	7.20%	5.11%	12.09%
361414	LAKEDALE TEL CO	29,050	35,008	38,855	41,949	20.51%	10.99%	7.96%
361433	MID STATE TEL CO	12,985	12,836	13,281	17,218	-1.15%	3.47%	29.64%
361442	NEW ULM TELECOM, INC	19,508	19,997	21,188	23,953	2.50%	5.96%	13.05%
361451	PAUL BUNYAN RURAL	10,755	11,694	12,701	14,197	8.73%	8.61%	11.78%
361483	SLEEPY EYE TEL CO	15,189	15,440	16,534	17,602	1.65%	7.09%	6.45%
361491	TWIN VALLEY-ULEN TEL	6,542	6,235	6,922	6,302	-4.69%	11.02%	-8.96%
280453	ALLTEL MISSISSIPPI	N/A	N/A	16,602	18,875	N/A	N/A	13.69%
280446	BAY SPRINGS TEL CO	16,781	19,415	20,518	19,866	15.70%	5.68%	-3.18%
280452	DELTA TEL CO	4,581	5,349	6,555	6,555	16.77%	22.54%	0.00%
280454	FRANKLIN TEL CO - MS	10,565	13,580	15,325	17,115	28.54%	12.85%	11.68%
280458	HOME TEL CO-OLIVE BR	N/A	10,717	11,759	12,645	N/A	9.72%	7.54%
280461	SOUTHEAST MS TEL CO	3,457	7,009	7,386	9,582	102.74%	5.38%	29.73%
421885	ALLTEL MISSOURI	62,357	67,736	72,529	66,601	8.63%	7.08%	-8.17%
421865	CITIZENS TEL CO - MO	10,761	11,211	11,046	11,403	4.19%	-1.47%	3.23%
421922	CONTEL OF MISSOURI	490,882	474,737	546,010	615,390	-3.29%	15.01%	12.71%
421846	CONTINENTAL SYS. -MO	97,079	102,447	105,888	112,714	5.53%	3.36%	6.45%
421873	EASTERN MISSOURI TEL	8,621	9,619	10,102	10,171	11.57%	5.02%	0.69%
421882	FIDELITY TEL CO	27,295	27,171	33,225	35,299	-0.45%	22.28%	6.24%
421886	GOODMAN TEL CO	4,392	4,626	4,593	4,986	5.32%	-0.71%	8.55%
421888	GRAND RIVER MUT-MO	26,844	29,558	30,067	31,755	10.11%	1.72%	5.62%
421929	HOLWAY TEL CO	1,656	1,709	1,709	2,115	3.18%	0.00%	23.74%
421901	KINGDOM TELEPHONE	11,493	11,268	12,809	13,848	-1.96%	13.68%	8.11%
421908	LE-RU TELEPHONE CO	2,367	2,458	2,640	2,748	3.85%	7.42%	4.07%
421904	MISSOURI TEL CO	32,584	33,221	35,316	39,399	1.96%	6.31%	11.56%
421807	MOKAN DIAL INC-MO	2,178	2,416	2,922	3,177	10.92%	20.94%	8.75%
421931	NE MISSOURI RURAL	7,936	8,549	9,624	10,116	7.73%	12.58%	5.11%
421934	ORCHARD FARM TEL CO	4,384	4,521	4,612	4,819	3.12%	2.03%	4.48%
421951	STOUTLAND TEL CO	2,611	2,876	3,102	3,315	10.14%	7.87%	6.85%
482235	BLACKFOOT TEL COOP	16,546	18,303	20,130	20,690	10.62%	9.98%	2.78%
482241	HOT SPRINGS TEL CO	N/A	1,216	1,389	1,206	N/A	14.20%	-13.13%
482242	INTERBEL TEL COOP	1,192	1,275	1,812	1,832	6.96%	42.10%	1.15%
482244	LINCOLN TEL CO INC	1,670	1,966	2,112	2,222	17.71%	7.42%	5.23%
482246	MID-RIVERS TEL COOP	18,253	18,896	20,212	18,351	3.52%	6.96%	-9.21%
482247	NEMONT TEL COOP-MT	7,207	8,224	8,520	9,060	14.12%	3.60%	6.34%
482248	NORTHERN TEL COOP	4,964	5,681	5,910	5,813	14.44%	4.03%	-1.64%
482249	NW TEL SYSTEMS, INC.	77,721	80,493	83,118	82,932	3.57%	3.26%	-0.22%
482250	PROJECT TEL CO	7,215	9,109	9,198	10,912	26.25%	0.98%	18.63%
482251	RANGE TEL COOP-MT	7,570	8,684	9,306	11,103	14.72%	7.15%	19.32%
482254	SOUTHERN MONTANA TEL	2,037	2,292	2,558	2,827	12.54%	11.56%	10.55%
482257	TRIANGLE TEL COOP	25,697	27,808	30,454	32,245	8.22%	9.51%	5.88%
482258	VALLEY RURAL TEL	2,039	2,329	2,445	2,462	14.20%	4.99%	0.69%
482255	3-RIVERS TEL COOP	22,564	25,028	26,966	26,454	10.92%	7.74%	-1.90%
371516	ARAPAHOE TEL CO	2,453	2,467	2,748	3,101	0.55%	11.41%	12.84%
371517	ARLINGTON TEL CO	3,580	3,713	3,717	4,232	3.72%	0.11%	13.86%
372455	BENKELMAN TEL CO	N/A	1,784	1,681	1,726	N/A	-5.76%	2.63%
371524	BLAIR TEL CO	14,248	15,339	15,030	17,982	7.66%	-2.01%	19.64%
371526	CAMBRIDGE TEL CO -NE	N/A	2,138	2,867	2,940	N/A	34.08%	2.55%
371531	CLARKS TEL CO	1,208	1,414	2,905	2,854	17.12%	105.41%	-1.75%
371534	COZAD TEL CO	6,336	6,411	6,990	7,360	1.19%	9.03%	5.29%
371536	CURTIS TEL CO	2,267	2,108	2,170	2,125	-7.00%	2.95%	-2.12%
371537	DALTON TEL CO, INC	3,540	4,073	3,942	3,921	15.07%	-3.23%	-0.52%
371540	DILLER TEL CO	2,477	2,526	2,598	2,751	1.97%	2.85%	5.90%
371542	EASTERN NEBRASKA TEL	6,482	6,876	7,040	7,387	6.08%	2.38%	4.93%
371577	GREAT PLAINS COMMUN	66,205	67,821	67,306	68,312	2.44%	-0.76%	1.49%
371557	HARTMAN TEL EXCH INC	951	1,045	999	1,098	9.91%	-4.40%	9.87%
371558	HEMINGFORD COOP TEL	1,097	1,346	1,325	1,252	22.75%	-1.56%	-5.52%
371567	KEYSTONE-ARTHUR TEL	1,017	946	925	996	-7.02%	-2.18%	7.61%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE SUBSCRIBER LINE USAGE MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	22,751	9,022	16,163	15,904	-60.35%	79.16%	-1.61%
371580	PETERSBURG TEL CO	1,439	1,573	1,481	1,496	9.28%	-5.81%	0.99%
371586	ROCK COUNTY TEL CO	2,957	3,288	3,243	3,486	11.18%	-1.36%	7.51%
371591	SE NEBRASKA TEL CO	N/A	5,099	5,707	6,505	N/A	11.92%	14.00%
371592	STANTON TEL CO, INC	2,777	2,876	3,081	3,574	3.57%	7.12%	15.98%
371525	THREE RIVER TELCO	3,010	3,108	3,110	3,556	3.25%	0.08%	14.35%
371597	WAUNETA TEL CO	1,610	1,553	1,842	1,823	-3.53%	18.60%	-0.99%
552284	BEEHIVE TEL CO - NV	N/A	107	363	137	N/A	240.60%	-62.27%
552349	CHURCHILL COUNTY TEL	9,419	11,328	12,476	15,633	20.27%	10.13%	25.30%
552304	CP NATIONAL-NV	18,378	26,494	19,291	25,699	44.16%	-27.19%	33.21%
552223	GEM STATE UTIL-NV	437	622	704	513	42.44%	13.19%	-27.12%
552351	LINCOLN CTY TEL SYS	3,926	4,268	4,655	5,030	8.70%	9.08%	8.04%
552353	MOAPA VALLEY TEL CO.	3,721	5,118	4,320	5,774	37.53%	-15.58%	33.64%
552354	NEVADA TEL-TELEGRAPH	4,941	5,491	4,814	5,952	11.13%	-12.34%	23.64%
552356	RIO VIRGIN TEL CO	1,029	1,410	1,770	2,855	37.07%	25.56%	61.28%
552233	RURAL TEL CO - NV	368	1,202	1,738	1,847	226.96%	44.56%	6.30%
120038	BRETTON WOODS TEL CO	376	570	488	526	51.82%	-14.40%	7.80%
120040	CHICHESTER TEL CO	N/A	3,082	3,595	5,568	N/A	16.64%	54.88%
120041	CONTEL OF NH	18,417	20,894	21,984	20,848	13.45%	5.22%	-5.17%
120039	GRANITE STATE TEL	15,258	16,364	17,781	19,039	7.24%	8.66%	7.08%
120045	KEARSARGE TEL CO	15,157	17,388	18,937	19,804	14.72%	8.91%	4.58%
120046	MERIDEN TEL CO	829	966	1,028	1,191	16.50%	6.48%	15.86%
120047	MERRIMAK COUNTY TEL	18,962	21,036	22,060	17,462	10.94%	4.87%	-20.84%
120049	UNION TEL CO	9,168	11,441	12,643	14,389	24.79%	10.51%	13.81%
120050	WILTON TEL CO - NH	6,206	5,337	7,067	7,684	-14.00%	32.42%	8.73%
160135	WARWICK VALLEY-NJ	42,865	46,587	51,178	54,727	8.68%	9.85%	6.93%
492259	BACA VALLEY TEL CO	1,358	1,425	1,282	1,469	4.96%	-10.07%	14.62%
492177	CONTEL OF WEST - NM	61,241	63,843	71,514	80,090	4.25%	12.02%	11.99%
492066	DELL TEL CO-OP - NM	476	451	609	589	-5.08%	34.84%	-3.23%
492262	ENMR TEL COOP INC-NM	14,491	15,360	19,410	18,343	6.00%	26.36%	-5.50%
492263	LA JICARITA RURAL	3,356	3,281	3,540	3,539	-2.23%	7.88%	-0.02%
492264	LEACO RURAL TEL COOP	2,903	2,653	2,513	3,022	-8.63%	-5.25%	20.26%
492275	NAVAJO COMMUN - NM	8,028	8,655	9,079	9,540	7.81%	4.90%	5.08%
492270	PENASCO VALLEY TEL	5,638	5,462	5,324	5,373	-3.12%	-2.52%	0.92%
492272	ROOSEVELT CNTY RURAL	3,708	3,732	3,370	3,653	0.64%	-9.68%	8.39%
492274	UNIVERSAL TEL OF SW	7,754	8,687	8,943	9,324	12.04%	2.95%	4.25%
492176	VALLEY TEL COOP - NM	1,996	2,293	2,498	2,579	14.91%	8.91%	3.27%
492268	WESTERN NEW MEXICO	9,919	10,435	10,410	9,794	5.20%	-0.24%	-5.92%
150106	ALLTEL NY-FULTON	16,822	72,821	85,050	90,714	332.90%	16.79%	6.66%
150109	ALLTEL NY-JAMESTOWN	16,330	76,294	76,541	71,259	367.21%	0.32%	-6.90%
150113	ALLTEL NY-RED JACKET	1,865	8,042	8,811	9,490	331.21%	9.56%	7.71%
150072	AU SABLE VALLEY TEL	4,159	17,433	19,339	19,602	319.19%	10.93%	1.36%
150077	CHAMPLAIN TEL CO	9,947	9,672	9,986	13,371	-2.77%	3.25%	33.90%
150078	CHAUTAUQUA & ERIE	18,893	21,612	25,057	26,173	14.39%	15.94%	4.46%
150081	CITIZENS HAMMOND NY	3,025	3,609	3,773	4,010	19.31%	4.52%	6.30%
150085	CROWN POINT TEL CORP	2,225	2,545	2,964	3,169	14.36%	16.50%	6.91%
150091	DUNKIRK & FREDONIA	18,528	21,102	22,759	23,101	13.90%	7.85%	1.50%
150092	EDWARDS TEL CO	6,253	6,799	7,242	7,722	8.74%	6.51%	6.62%
150093	EMPIRE TEL CORP	20,101	20,978	23,115	24,538	4.36%	10.19%	6.16%
150097	GERMANTOWN TEL CO	7,191	8,558	9,295	9,526	19.01%	8.61%	2.49%
150099	HANCOCK TEL CO	3,100	3,756	4,422	4,490	21.15%	17.74%	1.53%
150100	HIGHLAND TEL CO	227,982	241,814	267,352	284,999	6.07%	10.56%	6.60%
150105	MIDDLEBURGH TEL CO	16,676	18,456	21,191	22,787	10.68%	14.82%	7.53%
150108	NICHOLVILLE TEL CO	5,253	5,094	4,315	4,768	-3.03%	-15.29%	10.48%
150110	OGDEN TEL CO	23,874	24,659	27,806	29,496	3.29%	12.76%	6.08%
150116	PATTERSONVILLE TEL	N/A	2,681	4,090	4,303	N/A	52.54%	5.19%
150122	SENECA-GORHAM TEL	30,874	33,894	38,099	41,077	9.78%	12.41%	7.82%
150128	SYLVAN LAKE TEL CO	53,274	65,409	74,446	73,377	22.78%	13.82%	-1.44%
150084	TACONIC TEL CORP	52,559	56,834	59,244	57,672	8.13%	4.24%	-2.65%
150133	VERNON TEL CO	5,937	6,813	7,547	8,393	14.74%	10.78%	11.21%
150135	WARWICK VALLEY-NY	39,774	44,203	47,472	50,520	11.14%	7.40%	6.42%
230476	ALLTEL CAROLINA-NO	187,139	194,527	209,597	208,892	3.95%	7.75%	-0.34%
230468	ATLANTIC MEMBERSHIP	27,159	30,808	34,398	33,558	13.44%	11.65%	-2.44%
230469	BARNARDVILLE TEL CO	2,330	1,342	1,114	1,025	-42.41%	-16.99%	-8.02%
230473	CITIZENS TEL CO	18,846	19,178	23,621	21,461	1.76%	23.17%	-9.15%
230474	CONCORD TEL CO	107,655	123,958	143,144	139,014	15.14%	15.48%	-2.88%
230509	CONTEL OF NC	144,511	152,323	175,480	174,938	5.41%	15.20%	-0.31%
230481	HEINS TEL CO	46,938	52,125	56,963	62,470	11.05%	9.28%	9.67%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	27,649	32,710	36,262	37,339	18.31%	10.86%	2.97%
230510	WILKES MEMBERSHIP	9,421	9,981	10,829	11,141	5.95%	8.50%	2.88%
381607	CONSOLIDATED COOP	8,018	7,550	9,212	8,797	-5.83%	22.01%	-4.50%
381447	CONTEL ND DBA GTE ND	19,322	21,831	22,328	22,657	12.99%	2.27%	1.47%
381616	INTER-COMMUNITY TEL	3,710	4,117	4,188	4,364	10.97%	1.74%	4.20%
381617	MIDSTATE TEL CO	3,368	3,796	3,877	3,980	12.71%	2.12%	2.67%
381630	POLAR COMM MUT AID	17,427	18,428	19,383	18,003	5.74%	5.19%	-7.12%
381632	RESERVATION TEL COOP	10,179	11,043	11,251	11,856	8.49%	1.88%	5.38%
381634	SOURIS RIVER TELECOM	24,555	26,227	26,431	27,231	6.81%	0.78%	3.03%
381637	W. RIVER TELECOM.	20,232	19,361	20,059	19,019	-4.30%	3.60%	-5.19%
300665	ALLTEL OHIO-WEST OH	50,235	55,981	52,394	62,675	11.44%	-6.41%	19.62%
300682	C, C & S TELCO -OHIO	1,119	1,290	1,289	1,301	15.33%	-0.12%	0.97%
300607	CONTINENTAL OF OHIO	3,796	4,982	4,889	5,230	31.23%	-1.85%	6.96%
300613	LITTLE MIAMI COMM.	2,997	10,312	6,088	6,712	244.04%	-40.96%	10.25%
300597	THE CHILLICOTHE TEL	45,573	58,774	55,670	57,014	28.97%	-5.28%	2.42%
431965	ALLTEL OKLAHOMA INC	45,657	47,475	49,257	47,732	3.98%	3.75%	-3.10%
431966	ATLAS TEL CO	N/A	5,362	5,171	5,259	N/A	-3.58%	1.70%
431974	KANADIAN VALLEY TEL	2,580	2,694	2,842	2,742	4.42%	5.49%	-3.52%
431976	CARNEGIE TEL CO INC	4,931	4,921	4,885	4,316	-0.19%	-0.75%	-11.63%
431979	CHEROKEE TEL CO	10,427	10,647	10,587	11,237	2.11%	-0.57%	6.14%
431980	CHICKASAW TEL CO	28,325	29,719	30,473	32,837	4.92%	2.54%	7.76%
431981	CHOUTEAU TEL CO	8,338	8,774	9,792	9,013	5.23%	11.61%	-7.95%
431985	CROSS TEL CO	23,940	25,012	27,716	28,130	4.48%	10.81%	1.49%
431988	DOBSON TEL CO	12,165	12,731	12,213	11,489	4.65%	-4.07%	-5.93%
431994	GRAND TEL CO INC	7,741	7,514	7,311	8,072	-2.92%	-2.71%	10.41%
431995	HINTON TEL CO	10,726	10,662	10,409	11,398	-0.60%	-2.38%	9.50%
431788	KANOKLA TEL ASSN-OK	3,844	3,782	3,264	3,398	-1.63%	-13.68%	4.11%
432006	MICLOUD TEL CO	16,998	16,226	17,467	15,960	-4.54%	7.64%	-8.63%
432011	OKLAHOMA ALLTEL, INC	33,304	34,550	37,611	37,859	3.74%	8.86%	0.66%
431984	OKLAHOMA COMM SYSTEM	46,120	47,011	48,965	52,682	1.93%	4.16%	7.59%
432013	OKLAHOMA TEL & TEL	6,418	6,460	6,996	6,594	0.66%	8.29%	-5.74%
432014	OKLAHOMA WESTERN TEL	7,657	8,517	7,796	8,601	11.22%	-8.46%	10.33%
432016	PANHANDLE TEL COOP	12,755	14,532	14,646	14,298	13.93%	0.78%	-2.38%
432018	PIONEER TEL COOP INC	121,640	123,316	123,858	119,381	1.38%	0.44%	-3.61%
432020	POTTAWATOMIE TEL CO	7,368	6,875	7,170	7,114	-6.69%	4.30%	-0.79%
431831	S. CENTRAL TEL - OK	1,139	1,120	1,111	1,146	-1.67%	-0.88%	3.22%
432030	TOTAH TELEPHONE CO	9,132	8,592	8,984	9,217	-5.91%	4.56%	2.60%
432032	VALLIANT TEL CO	4,652	5,216	6,001	6,146	12.12%	15.04%	2.43%
432034	WYANDOTTE TEL CO	N/A	1,313	1,322	1,429	N/A	0.69%	8.06%
532404	ASOTIN TEL - OR	160	262	297	304	63.72%	13.16%	2.51%
532359	BEAVER CREEK COOP	9,277	10,052	10,160	11,549	8.36%	1.08%	13.66%
532304	C P NATIONAL CORP-OR	32,677	33,980	34,312	41,178	3.99%	0.97%	20.01%
532362	CANBY TEL ASSN	26,972	29,485	29,992	33,449	9.32%	1.72%	11.53%
532371	CASCADE UTIL INC	18,764	20,067	20,470	23,016	6.94%	2.01%	12.44%
532363	CLEAR CREEK MUTUAL	7,366	7,378	7,317	8,654	0.16%	-0.82%	18.27%
532364	COLTON TEL CO	3,453	4,034	4,144	4,905	16.81%	2.75%	18.35%
532449	CONTEL OF THE NW- OR	73,301	77,373	83,473	89,726	5.55%	7.88%	7.49%
532376	HELIX TEL CO.	847	892	1,102	1,123	5.33%	23.53%	1.87%
532377	HOME TELEPHONE CO	1,572	1,721	1,782	1,989	9.47%	3.59%	11.61%
532456	MALHEUR HOME TEL CO	13,359	13,777	13,142	12,942	3.13%	-4.61%	-1.52%
532226	MIDVALE TEL EXCH -OR	753	450	584	659	-40.15%	29.57%	12.92%
532383	MOLALLA TEL CO.	15,819	16,935	19,312	18,841	7.06%	14.03%	-2.44%
532385	MONROE TELEPHONE CO.	2,745	3,037	3,333	2,948	10.65%	9.75%	-11.55%
532387	NEHALEM TEL & TEL	4,351	4,882	5,558	6,176	12.19%	13.86%	11.11%
532388	NORTH STATE TEL CO.	1,455	1,489	1,597	1,655	2.32%	7.26%	3.65%
532389	OREGON TEL CORP	5,544	5,921	6,792	6,926	6.81%	14.71%	1.96%
532392	PINE TEL SYSTEM INC.	1,405	1,468	1,623	1,540	4.50%	10.55%	-5.07%
532393	PIONEER TEL COOP	23,878	26,924	30,122	32,410	12.76%	11.88%	7.60%
532375	RTI/HALSEY TEL CO	4,612	4,676	4,314	4,392	1.39%	-7.74%	1.81%
532397	SCIO MUTUAL TEL ASSN	4,906	5,382	5,749	4,242	9.71%	6.82%	-26.22%
532361	TEL UTIL OF OREGON	122,819	137,534	151,787	148,148	11.98%	10.36%	-2.40%
532378	TRANS-CASCADES TEL	352	420	457	525	19.55%	8.63%	14.91%
170170	CONTEL OF PA	117,888	142,882	150,141	157,508	21.20%	5.08%	4.91%
170177	LACKAWAXEN TEL CO	N/A	4,333	4,803	5,381	N/A	10.86%	12.04%
170183	MAHANNOY & MAHANTONGO	N/A	9,964	10,686	11,842	N/A	7.24%	10.82%
170192	NORTH PENN TEL CO	8,283	8,346	8,999	9,445	0.76%	7.81%	4.96%
170194	OSWAYO RIVER TEL CO	2,670	2,971	3,068	3,389	11.27%	3.26%	10.50%
170201	QUAKER STATE TEL CO	56,200	63,106	69,970	71,414	12.29%	10.88%	2.06%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	STATE SUBSCRIBER LINE USAGE MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	2,198	2,557	2,692	3,379	16.32%	5.26%	25.54%
633200	PUERTO RICO COMM	N/A	288,813	331,466	400,071	N/A	14.77%	20.70%
240512	BLUFFTON TEL. CO.	6,954	7,548	6,170	10,772	8.54%	-18.26%	74.60%
240526	CONTEL OF SC	21,328	24,335	26,840	32,115	14.10%	10.29%	19.65%
240520	FARMERS TEL COOP	58,156	70,892	83,210	96,124	21.90%	17.38%	15.52%
240523	HARGRAY TEL CO	32,335	34,587	40,265	57,770	6.96%	16.42%	43.47%
240528	HORRY TEL COOP	52,154	85,687	65,285	65,285	64.30%	-23.81%	0.00%
240533	MCCLELLANVILLE TEL	3,617	4,209	4,737	5,202	16.37%	12.54%	9.81%
240539	POND BRANCH TEL CO	16,668	19,406	21,176	25,788	16.43%	9.12%	21.78%
240551	WILLISTON TEL CO	8,461	9,714	10,549	11,379	14.80%	8.60%	7.86%
391647	CHEYENNE RIVER SIOUX	4,180	4,052	4,426	4,107	-3.07%	9.22%	-7.20%
391643	CONTEL SD DBA GTE SD	15,691	19,369	23,728	25,475	23.44%	22.50%	7.36%
391659	GOLDEN WEST TELECOMM	23,054	25,818	24,045	24,843	11.99%	-6.87%	3.32%
391666	JEFFERSON TEL CO -SD	628	596	712	846	-5.23%	19.58%	18.83%
391667	KADOKA TELEPHONE CO	1,014	992	1,330	1,418	-2.10%	34.01%	6.60%
391668	KENNEBEC TEL CO	916	902	977	984	-1.50%	8.32%	0.66%
391689	WEST RIVER COOP	3,102	3,206	3,108	3,432	3.35%	-3.05%	10.41%
290552	ADAMSVILLE TEL CO	N/A	7,731	8,421	9,688	N/A	8.93%	15.04%
290571	MILLINGTON TEL CO	19,025	19,785	22,327	19,679	4.00%	12.85%	-11.86%
290575	TENNESSEE TEL CO	44,558	54,990	58,537	65,256	23.41%	6.45%	11.48%
290579	TWIN LAKES TEL COOP	32,296	37,347	41,009	45,802	15.64%	9.81%	11.69%
442121	ALLTEL TEXAS INC	8,566	8,310	9,860	8,807	-2.98%	18.65%	-10.68%
442039	BIG BEND TEL CO INC	8,879	9,256	9,709	8,916	4.24%	4.90%	-8.17%
442040	BRAZORIA TEL CO	15,699	16,607	17,496	18,425	5.78%	5.36%	5.31%
442041	BRAZOS TEL COOP INC	4,829	5,172	5,235	5,026	7.10%	1.21%	-3.98%
440425	CAMERON TEL CO TEXAS	3,009	3,413	3,667	3,791	13.42%	7.44%	3.40%
442046	CAP ROCK TEL CO INC	9,144	9,881	9,992	9,212	8.06%	1.12%	-7.81%
442052	CENTRAL TEXAS CO-OP	10,184	10,646	12,121	12,388	4.54%	13.86%	2.20%
442059	COLORADO VALLEY TEL	14,759	15,641	16,044	14,946	5.97%	2.58%	-6.84%
442066	DELL TEL. CO-OP - TX	1,434	1,353	1,679	1,684	-5.68%	24.14%	0.24%
442068	EASTEX TEL COOP INC	52,020	77,330	68,905	70,986	48.65%	-10.90%	3.02%
442262	ENMR TEL COOP-TX	1,372	1,386	1,512	1,939	1.01%	9.11%	28.21%
442070	ETEX TEL COOP INC	35,102	40,373	41,411	40,503	15.02%	2.57%	-2.19%
442071	FIVE AREA TEL CO-OP	5,368	5,532	5,405	5,278	3.06%	-2.30%	-2.36%
442072	FORT BEND TEL CO	37,450	40,911	43,275	49,447	9.24%	5.78%	14.26%
442076	GANADO TELEPHONE CO	4,827	5,098	5,866	5,249	5.60%	15.07%	-10.51%
442083	GUADALUPE VALLEY TEL	62,188	73,019	84,970	97,542	17.42%	16.37%	14.80%
442086	HILL COUNTRY CO-OP	25,521	38,270	34,284	31,267	49.96%	-10.42%	-8.80%
442093	INDUSTRY TEL CO	5,344	5,618	5,816	5,775	5.13%	3.53%	-0.71%
442097	KERRVILLE TEL CO	43,596	43,594	43,595	39,468	-0.00%	0.00%	-9.47%
442103	LA WARD TEL EXCHANGE	3,675	3,886	4,222	3,813	5.74%	8.64%	-9.69%
442101	LAKE DALLAS TEL CO	25,194	25,277	29,936	31,531	0.33%	18.43%	5.33%
442104	LAKE LIVINGSTON TEL	2,255	2,211	2,372	2,243	-1.95%	7.29%	-5.43%
442105	LIPAN TEL CO	N/A	N/A	4,156	4,228	N/A	N/A	1.75%
442109	LUFKIN-CONROE TEL EX	198,735	224,966	231,483	242,570	13.20%	2.90%	4.79%
442112	MID-PLAINS RURAL TEL	9,243	9,698	9,791	9,026	4.92%	0.96%	-7.81%
442116	MUENSTER TEL CORP-TX	5,437	10,196	11,558	11,665	87.54%	13.35%	0.93%
442117	MUSTANG TEL CO	9,125	8,180	8,635	8,274	-10.35%	5.56%	-4.19%
442130	PEOPLES TEL COOP -TX	23,735	24,149	25,869	26,796	1.75%	7.12%	3.58%
442131	POKA-LAMBRO TEL COOP	13,004	12,812	14,844	12,853	-1.48%	15.86%	-13.41%
442134	RIVIERA TEL CO INC	3,345	3,512	3,432	2,860	4.99%	-2.28%	-16.66%
442147	SUGAR LAND TEL CO	44,582	50,035	56,808	59,814	12.23%	13.54%	5.29%
442150	TATUM TEL CO	N/A	N/A	3,700	3,833	N/A	N/A	3.59%
442151	TAYLOR TEL CO-OP INC	18,484	19,676	20,896	19,582	6.45%	6.20%	-6.29%
442159	VALLEY TEL CO-OP -TX	17,978	25,244	22,479	23,832	40.42%	-10.95%	6.02%
442168	WES-TEX TEL CO-OP	11,519	11,885	11,924	11,219	3.17%	0.33%	-5.91%
442166	WEST TEXAS RURAL TEL	7,271	7,399	7,745	6,301	1.75%	4.68%	-18.64%
442170	XIT RURAL TEL CO-OP	3,423	3,966	4,627	2,297	15.84%	16.68%	-50.35%
502284	BEEHIVE TEL CO - UT	N/A	1,254	1,706	2,175	N/A	36.01%	27.48%
502277	CENTRAL UTAH TEL INC	2,014	2,152	2,388	3,094	6.86%	10.98%	29.54%
502177	CONTEL THE WEST - UT	32,576	30,672	36,391	40,860	-5.85%	18.65%	12.28%
502278	EMERY COUNTY FARMERS	6,587	7,086	7,691	7,045	7.58%	8.54%	-8.40%
502280	KAMAS-WOODLAND TEL	4,291	4,802	4,710	5,363	11.91%	-1.92%	13.87%
502275	NAVAJO COMMUN - UT	539	571	567	560	6.02%	-0.66%	-1.34%
502286	SOUTH CENTRAL UTAH	4,614	4,714	6,161	6,585	2.17%	30.70%	6.88%
502287	UINTAH BASIN TEL	8,729	6,498	12,831	11,467	-25.56%	97.46%	-10.63%
502288	UT-WY TELECOM	956	934	1,029	1,109	-2.28%	10.21%	7.76%
140070	CONTEL OF VERMONT	63,902	69,623	72,967	77,425	8.95%	4.80%	6.11%

TABLE 4.14
STATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	5,501	6,400	6,567	5,522	16.34%	2.62%	-15.91%
140061	NORTHFIELD TEL CO	6,185	6,750	6,909	7,099	9.13%	2.35%	2.75%
140062	PERKINSVILLE TEL CO	2,199	2,698	2,792	3,214	22.69%	3.48%	15.14%
140068	TOPSHAM TEL CO	2,133	1,976	2,321	2,472	-7.32%	17.43%	6.52%
643300	VIRGIN ISLANDS TEL	0	0	0	0	0.00%	0.00%	0.00%
140069	WAITSFIELD/FAYSTON	6,107	7,327	7,431	7,701	19.97%	1.42%	3.64%
190217	AMELIA TEL CORP	8,665	11,140	11,810	14,039	28.57%	6.01%	18.87%
190249	ROANOKE & BOTETOURT	N/A	18,594	21,956	20,224	N/A	18.08%	-7.89%
522404	ASOTIN TEL - WA	934	1,252	1,314	1,579	34.07%	4.95%	20.19%
522449	CONTEL OF THE NW-WA	143,250	152,409	177,935	207,882	6.39%	16.75%	16.83%
522410	COWICHE TELEPHONE CO	5,812	5,900	6,257	7,363	1.51%	6.05%	17.67%
522412	ELLENSBURG TEL CO	34,514	35,842	37,443	44,536	3.85%	4.47%	18.94%
522417	HAT ISLAND	N/A	94	119	N/A	N/A	26.60%	N/A
522419	HOOD CANAL TEL CO	2,388	2,621	2,751	3,097	9.76%	4.98%	12.56%
522423	INLAND TEL CO -WA	3,171	3,836	3,730	4,208	20.97%	-2.78%	12.84%
522426	KALAMA TEL CO	5,799	6,249	6,747	7,373	7.75%	7.98%	9.28%
522427	LEWIS RIVER TEL CO	9,093	9,931	10,957	13,782	9.22%	10.33%	25.78%
522431	MASHELL TEL CO INC	8,188	8,857	9,085	10,429	8.16%	2.58%	14.78%
522436	PENINSULA TELECOMM	14,397	15,717	15,442	17,378	9.17%	-1.75%	12.54%
522437	PIIONEER TEL CO	2,276	2,318	2,447	2,912	1.86%	5.55%	19.03%
522442	ST JOHN TEL CO	2,167	2,273	2,247	2,383	4.88%	-1.14%	6.06%
522408	TEL UTIL OF WA INC	275,436	299,583	327,195	357,056	8.77%	9.22%	9.13%
522446	TENINO TELEPHONE CO	8,777	9,727	10,700	11,489	10.82%	10.00%	7.38%
522447	TOLEDO TELEPHONE CO	5,068	4,704	4,931	5,596	-7.19%	4.83%	13.48%
522451	WESTERN WAHAKIAKUM	2,567	2,568	2,958	N/A	0.04%	15.19%	N/A
522452	WHIDBEY TEL CO	17,047	20,110	23,650	N/A	17.97%	17.60%	N/A
522453	YELM TELEPHONE CO	21,418	20,724	24,412	25,796	-3.24%	17.80%	5.67%
200278	CONTEL OF WV	54,317	58,795	55,887	67,874	8.24%	-4.95%	21.45%
200259	HARDY TEL CO	1,440	1,451	1,819	1,736	0.76%	25.37%	-4.56%
200270	MOUNTAIN STATE TEL	39,280	41,202	46,268	46,291	4.89%	12.30%	0.05%
330841	CENCOM OF WISCONSIN	40,893	44,736	48,629	58,259	9.40%	8.70%	19.80%
330859	CENTRAL STATE TEL CO	16,436	19,994	20,906	21,825	21.65%	4.56%	4.39%
330895	CENTURY OF WISCONSIN	62,896	64,869	71,090	73,767	3.14%	9.59%	3.77%
330860	CHEQUAMEGON TEL COOP	8,557	9,994	11,788	13,887	16.79%	17.95%	17.81%
330870	CRANDON TEL CO	4,421	4,985	5,762	6,390	12.74%	15.60%	10.89%
330891	HEADWATERS TEL CO	5,488	6,496	6,809	7,988	18.36%	4.82%	17.32%
330936	INDIANHEAD TEL CO	3,479	4,134	4,413	5,459	18.86%	6.74%	23.69%
330908	MARQUETTE-ADAMS COOP	5,927	5,707	6,057	6,780	-3.71%	6.12%	11.93%
330909	MIDWAY TEL CO	12,246	17,003	19,574	18,245	38.85%	15.12%	-6.79%
330913	MONROE COUNTY TEL CO	17,347	18,995	19,969	25,294	9.50%	5.13%	26.66%
330916	MOUNT HOREB TEL CO	4,567	5,036	5,822	7,332	10.27%	15.61%	25.95%
330917	MT VERNON TEL CO	10,253	11,227	13,637	14,062	9.50%	21.47%	3.11%
330922	NORTH-WEST TEL CO	113,195	140,859	159,448	185,034	24.44%	13.20%	16.05%
330931	PEOPLES TEL CO	13,101	14,719	15,202	16,815	12.35%	3.28%	10.61%
330934	PLATTEVILLE TEL CO	14,729	17,556	19,507	20,212	19.19%	11.11%	3.62%
330937	PRICE COUNTY TEL CO	7,343	7,548	8,574	9,170	2.79%	13.60%	6.95%
330940	RHINELANDER TEL CO	18,822	25,481	26,939	30,953	35.38%	5.72%	14.90%
330952	SE TEL OF WISCONSIN	14,865	17,654	19,529	22,039	18.76%	10.63%	12.85%
330950	SOLOM SPRINGS TEL CO	23,004	25,705	26,766	31,877	11.74%	4.13%	19.09%
330956	UNIVERSAL OF N WISC	21,534	24,135	26,428	31,927	12.08%	9.50%	20.81%
330964	URBAN TEL CORP	35,227	46,716	52,295	59,497	32.61%	11.94%	13.77%
330963	UTELCO, INC	21,246	23,113	24,533	29,367	8.79%	6.15%	19.70%
330974	WOOD COUNTY TEL CO	30,315	32,992	45,656	42,555	8.83%	38.38%	-6.79%
512291	DUBOIS TEL EXCHANGE	2,656	2,728	3,062	3,161	2.71%	12.25%	3.23%
512251	RANGE TEL COOP - WY	3,411	3,404	3,757	4,316	-0.21%	10.38%	14.87%
512295	SILVER STAR TEL-WY	1,273	1,336	1,538	1,764	4.91%	15.16%	14.68%
512299	TEL. UTIL. OF WY.	4,959	6,095	6,611	7,020	22.92%	8.46%	6.18%
512297	UNION TELEPHONE CO	5,142	5,681	5,607	6,235	10.48%	-1.30%	11.19%
512290	UTAH-WYOMING TELECOM	329	307	373	487	-6.87%	21.59%	30.58%
NON-TIER 1 COST COMPANIES		11,431,184	13,448,248	14,738,124	16,024,912	17.65%	9.59%	8.73%
TOTAL COST COMPANIES		231,579,499	249,104,683	267,237,298	281,669,013	7.57%	7.28%	5.40%
AVERAGE SCHEDULE ESTIMATE		5,329,000	6,883,000	7,134,000	7,366,842	29.16%	3.65%	3.26%
TOTAL INDUSTRY		236,908,499	255,987,683	274,371,298	289,035,855	8.05%	7.18%	5.34%

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
250293	GTE SOUTH INC. - AL	250,320	258,282	257,000	273,677	3.18%	-0.50%	6.49%	
255181	SO CENTRAL BELL-AL	2,584,255	3,077,229	3,601,307	3,327,039	19.08%	17.03%	-7.62%	
452302	CONTEL CALIF - AZ	12,211	14,311	18,421	20,071	17.19%	28.72%	8.96%	
455101	MOUNTAIN BELL - AZ	4,744,361	5,351,115	5,294,550	5,802,234	12.79%	-1.06%	9.59%	
401730	CONTEL OF ARKANSAS	32,285	143,493	151,835	181,867	344.45%	5.81%	19.78%	
402080	GTE SOUTHWEST INC-AR	128,984	136,060	129,000	130,657	5.49%	-5.19%	1.28%	
405211	SOUTHWESTERN BELL-AR	1,430,548	1,479,000	1,686,938	1,809,140	3.39%	14.06%	7.24%	
542302	CONTEL OF CALIFORNIA	320,585	382,122	488,170	530,904	19.20%	27.75%	8.75%	
542319	GTC OF CALIFORNIA	4,368,000	5,266,542	5,195,000	5,137,426	20.57%	-1.36%	-1.11%	
545170	PACIFIC BELL	17,473,858	18,735,409	21,083,904	21,287,420	7.22%	12.54%	0.97%	
542344	WEST COAST TEL OF CA	12,302	15,380	17,000	16,830	25.02%	10.53%	-1.00%	
465102	MOUNTAIN BELL-CO	5,107,241	5,589,000	5,564,227	6,026,898	9.43%	-0.44%	8.32%	
135200	SOUTHERN NEW ENGLAND	5,552,000	5,973,250	6,082,829	6,708,000	7.59%	1.83%	10.28%	
575020	C & P TEL CO OF WASH	2,922,386	2,239,000	2,526,049	2,436,530	-23.38%	12.82%	-3.54%	
565010	DIAMOND STATE TEL	1,271,000	1,435,000	1,602,316	1,628,522	12.90%	11.66%	1.64%	
210340	CENTEL OF FLORIDA	576,196	640,388	653,456	742,829	11.14%	2.04%	13.68%	
210328	GTE FLORIDA INC.	3,611,000	3,980,000	3,900,000	3,788,158	10.22%	-2.01%	-2.87%	
215191	SOUTHERN BELL-FL	9,539,769	12,058,879	13,537,187	13,226,464	26.41%	12.26%	-2.30%	
210341	UTC OF FLORIDA	1,796,045	2,013,407	2,211,505	2,472,034	12.10%	9.84%	11.78%	
220479	GTE SOUTH INC. - GA	272,441	294,766	304,000	312,864	8.19%	3.13%	2.92%	
225192	SOUTHERN BELL-GA	5,911,705	6,964,062	7,701,966	7,975,583	17.80%	10.60%	3.55%	
623100	GTE HAWAIIAN TEL. CO	1,366,000	1,451,925	1,409,000	1,369,010	6.29%	-2.96%	-2.84%	
472416	GTE NORTHWEST INC-ID	203,510	232,022	276,000	287,419	14.01%	18.95%	4.14%	
475103	MOUNTAIN BELL-ID	823,523	878,676	901,452	1,024,025	6.70%	2.59%	13.60%	
475162	PACIFIC NW BELL-ID	63,312	70,677	75,159	84,946	11.63%	6.34%	13.02%	
340985	CENTEL OF ILLINOIS	467,304	584,461	699,403	825,522	25.07%	19.67%	18.03%	
341015	GTE NORTH INC. - IL	769,326	893,646	937,000	1,001,064	16.16%	4.85%	6.84%	
345070	ILLINOIS BELL TEL CO	11,906,202	13,564,754	14,836,000	14,610,919	13.93%	9.37%	-1.52%	
320772	GTE NORTH INC. - IN	1,117,740	1,359,097	1,502,000	1,497,704	21.59%	10.51%	-0.29%	
325080	INDIANA BELL TEL CO	3,334,682	3,702,645	3,952,653	4,112,222	11.03%	6.75%	4.04%	
320832	UTC OF INDIANA	246,077	291,256	321,526	393,401	18.36%	10.39%	22.35%	
351207	CONTEL IA DBA GTE IA	166,931	193,000	128,649	158,779	15.62%	-33.34%	23.42%	
351186	GTE NORTH INC. - IA	139,447	157,919	159,000	171,267	13.25%	0.68%	7.72%	
355141	NORTHWESTERN BELL-IA	2,204,203	2,443,763	2,336,818	2,457,976	10.87%	-4.38%	5.18%	
415214	SOUTHWESTERN BELL-KS	2,125,523	2,423,000	2,747,693	2,889,271	14.00%	13.40%	5.15%	
411842	UTC OF KANSAS	139,728	160,698	195,067	190,571	15.01%	21.39%	-2.31%	
265061	CINCINNATI BELL-KY	253,636	280,253	285,015	281,754	10.49%	1.70%	-1.14%	
260407	GTE SOUTH INC. - KY	678,519	680,009	663,000	668,502	0.22%	-2.50%	0.83%	
265182	SO CENTRAL BELL-KY	1,577,404	1,892,690	2,264,360	2,295,198	19.99%	19.64%	1.36%	
275183	SO CENTRAL BELL-LA	2,814,000	3,596,963	4,485,366	4,324,634	27.82%	24.70%	-3.58%	
105111	NEW ENGLAND TEL-ME	1,038,825	1,138,716	1,140,327	1,046,920	9.62%	0.14%	-8.19%	
185030	C & P TEL CO OF MD	5,975,000	6,746,000	7,044,970	7,494,278	12.90%	4.43%	6.38%	
115112	NEW ENGLAND TEL-MA	8,527,709	9,696,315	10,035,991	10,266,554	13.70%	3.50%	2.30%	
310695	GTE NORTH INC. - MI	588,000	696,721	730,000	755,887	18.49%	4.78%	3.55%	
315090	MICHIGAN BELL TEL CO	6,850,753	7,465,971	8,446,409	8,007,583	8.98%	13.13%	-5.20%	
361367	CENTEL OF MN	118,021	143,636	160,587	167,443	21.70%	11.80%	4.27%	
361186	GTE NORTH INC. - MN	4,399	4,695	5,000	5,577	6.73%	6.51%	11.54%	
365142	NORTHWESTERN BELL-MN	3,790,668	4,189,741	4,004,881	4,310,308	10.53%	-4.41%	7.63%	
361456	UTC OF MINNESOTA	105,213	126,910	162,388	166,918	20.62%	27.96%	2.79%	
285184	SO CENTRAL BELL-MS	1,845,958	2,227,511	2,704,968	2,756,109	20.67%	21.43%	1.89%	
421186	GTE NORTH INC. - MO	202,087	239,559	242,000	244,367	18.54%	1.02%	0.98%	
425213	SOUTHWESTERN BELL-MO	3,901,667	4,440,000	4,938,627	5,068,628	13.80%	11.23%	2.63%	
421957	UTC OF MISSOURI	311,181	345,736	409,412	406,428	11.10%	18.42%	-0.73%	
482416	GTE NORTHWEST INC-MT	14,199	15,076	15,000	17,122	6.17%	-0.50%	14.15%	
485104	MOUNTAIN BELL-MT	695,256	790,916	828,297	948,188	13.76%	4.73%	14.47%	
371186	GTE NORTH INC. - NE	66,769	69,786	70,000	74,689	4.52%	0.31%	6.70%	
371568	LINCOLN TEL & TEL CO	430,323	497,899	509,755	582,228	15.70%	2.38%	14.22%	
375143	NORTHWESTERN BELL-NE	1,450,382	1,650,281	1,307,264	1,310,578	13.78%	-20.79%	0.25%	
371595	UTC OF THE WEST-NE	48,588	58,011	66,153	62,942	19.39%	14.03%	-4.85%	
552348	CENTEL OF NV	1,318,840	1,665,197	1,473,070	1,603,598	26.26%	-11.54%	8.86%	
552302	CONTEL OF CALIF-NV	58,575	75,859	96,515	102,028	29.51%	27.23%	5.71%	
555173	NEVADA BELL	577,007	710,120	687,173	753,856	23.07%	-3.23%	9.70%	
125113	NEW ENGLAND TEL-NH	1,915,025	1,933,371	2,200,836	1,927,061	0.96%	13.83%	-12.44%	
165120	NEW JERSEY BELL	14,153,000	16,169,000	17,226,512	17,542,478	14.24%	6.54%	1.83%	
160138	UNITED TEL - NJ, INC	332,119	387,486	389,756	375,528	16.67%	0.59%	-3.65%	
492080	GTE SOUTHWEST INC-NM	99,000	98,735	99,000	100,713	-0.27%	0.27%	1.73%	
495105	MOUNTAIN BELL-NM	1,490,170	1,528,592	1,658,554	1,845,744	2.58%	8.50%	11.29%	
150096	CONTEL OF NY, INC	333,000	335,578	381,603	361,537	0.77%	13.72%	-5.26%	

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
155130	NEW YORK TEL CO	23,914,444	26,593,960	28,484,412	30,137,325	11.20%	7.11%	5.80%	
150119	RED HOOK TEL CO	21,524	25,119	27,733	26,817	16.70%	10.41%	-3.30%	
150121	ROCHESTER TEL CORP	611,407	748,497	825,122	883,343	22.42%	10.24%	7.06%	
150136	WESTERN COUNTIES TEL	31,284	37,950	45,994	45,873	21.31%	21.20%	-0.26%	
230470	CAROLINA TEL & TEL	1,489,320	1,760,461	2,031,144	1,826,366	18.21%	15.38%	-10.08%	
230471	CENTEL OF NC	288,749	313,866	342,051	406,491	8.70%	8.98%	18.84%	
230479	GTE SOUTH INC - NC	329,272	343,000	343,000	369,936	4.17%	0.00%	7.85%	
235193	SOUTHERN BELL-NC	3,120,327	3,694,088	4,254,143	4,324,777	18.39%	15.16%	1.66%	
385144	NORTHWESTERN BELL-ND	575,660	620,668	653,890	709,987	7.82%	5.35%	8.58%	
300630	CENTEL OF OHIO	101,164	109,884	95,059	121,208	8.62%	-13.49%	27.51%	
305062	CINCINNATI BELL-OH	1,510,185	1,531,730	1,630,214	1,583,392	1.43%	6.43%	-2.87%	
300615	GTE NORTH INC. - OH	924,093	1,048,636	1,197,000	1,234,139	13.48%	14.15%	3.10%	
305150	OHIO BELL TEL CO	6,614,614	7,000,653	7,521,862	8,403,545	5.84%	7.45%	11.72%	
300661	UTC OF OHIO	573,873	615,865	863,771	934,584	7.32%	40.25%	8.20%	
432080	GTE SOUTHWEST INC-OK	241,822	222,886	225,000	245,194	-7.83%	0.95%	8.98%	
435215	SOUTHWESTERN BELL-OK	2,478,957	2,733,000	3,034,036	3,208,835	10.25%	11.01%	5.76%	
532416	GTE NORTHWEST INC-OR	496,417	632,279	663,000	668,669	27.37%	4.86%	0.86%	
535163	PACIFIC NW BELL-OR	2,287,570	2,502,000	2,571,247	2,816,959	9.37%	2.77%	9.56%	
532400	UTC OF THE NW - OR	76,196	91,439	102,360	109,708	20.00%	11.94%	7.18%	
175000	BELL OF PENNSYLVANIA	10,283,000	11,619,000	12,856,408	13,838,105	12.99%	10.65%	7.64%	
170169	GTE NORTH INC. - PA	661,926	767,376	836,000	872,266	15.93%	8.94%	4.34%	
170209	UTC OF PENNSYLVANIA	375,189	462,541	499,031	504,212	23.28%	7.89%	1.04%	
633201	PUERTO RICO TEL CO	840,066	1,145,498	1,093,937	1,256,869	36.36%	-4.50%	14.89%	
585114	NEW ENGLAND TEL - RI	1,437,917	1,548,870	1,730,965	1,917,682	7.72%	11.76%	10.79%	
240479	GTE SOUTH INC. - SC	363,168	387,318	390,000	401,072	6.65%	0.69%	2.84%	
245194	SOUTHERN BELL-SC	2,168,888	2,648,317	2,938,816	3,078,286	22.10%	10.97%	4.75%	
240506	UTC OF THE CAROLINAS	136,633	157,426	139,752	184,537	15.22%	-11.23%	32.05%	
395145	NORTHWESTERN BELL-SD	623,829	696,759	686,071	752,564	11.69%	-1.53%	9.69%	
290479	GTE SOUTH INC. - TN	77,721	93,054	95,000	94,618	19.73%	2.09%	-0.40%	
295185	SO. CENTRAL BELL -TN	3,986,393	4,496,378	5,136,009	4,713,069	12.79%	14.23%	-8.23%	
290567	UNITED INTER-MT-TN	366,515	388,943	323,908	412,019	6.12%	-16.72%	27.20%	
442114	CENTEL OF TEXAS	289,963	321,949	328,388	343,052	11.03%	2.00%	4.47%	
442154	CONTEL OF TEXAS	187,000	196,000	254,742	300,006	4.81%	29.97%	17.77%	
442080	GTE SOUTHWEST INC-TX	2,130,686	1,954,387	1,907,000	2,087,364	-8.27%	-2.42%	9.46%	
445216	SOUTHWESTERN BELL-TX	10,495,338	11,849,000	13,033,026	14,387,073	12.90%	9.99%	10.39%	
442084	UTC OF TEXAS INC	92,391	107,755	149,659	142,041	16.63%	38.89%	-5.09%	
505107	MOUNTAIN BELL-UT	1,649,727	1,888,902	1,938,994	2,062,428	14.50%	2.65%	6.37%	
145115	NEW ENGLAND TEL-VT	746,785	813,749	783,689	667,585	8.97%	-3.69%	-14.82%	
195040	C & P TEL CO OF VA	5,869,000	6,353,000	7,258,325	7,905,313	8.25%	14.25%	8.91%	
190254	CENTEL OF VIRGINIA	453,929	517,248	592,944	692,536	13.95%	14.63%	16.80%	
190233	CONTEL OF VIRGINIA	908,622	1,045,023	1,173,459	1,432,846	15.01%	12.29%	22.10%	
190479	GTE SOUTH INC. - VA	55,090	68,893	69,000	66,439	25.06%	0.15%	-3.71%	
190567	UNITED INTER-MT-VA	146,000	172,965	209,895	254,582	18.47%	21.35%	21.29%	
522416	GTE NORTHWEST INC-WA	803,435	1,032,268	1,142,000	1,141,655	28.48%	10.63%	-0.03%	
525161	PACIFIC NW BELL-WA	3,793,625	4,184,000	4,226,318	4,712,870	10.29%	1.01%	11.51%	
522400	UTC OF THE NW-WA	78,995	77,456	87,935	114,875	-1.95%	13.53%	30.64%	
205050	C & P TEL CO OF WV	1,309,000	1,363,000	1,499,139	1,588,000	4.13%	9.99%	5.93%	
200479	GTE SOUTH INC. - WV	160,090	184,803	184,000	184,730	15.44%	-0.43%	0.40%	
330886	GTE NORTH INC. - WI	427,164	539,098	607,000	622,136	26.20%	12.60%	2.49%	
335220	WISCONSIN BELL	3,086,257	3,487,318	3,919,932	4,047,111	13.00%	12.41%	3.24%	
515108	MOUNTAIN BELL-WY	639,392	694,894	719,631	769,399	8.68%	3.56%	6.92%	
511595	UTC OF THE WEST-WY	15,417	17,509	18,184	19,875	13.57%	3.86%	9.30%	
TIER 1 COST COMPANIES		254,902,323	286,258,247	308,957,064	320,408,983	12.30%	7.93%	3.71%	
250302	ALLTEL ALABAMA	N/A	N/A	26,527	33,131	N/A	N/A	24.90%	
250284	BUTLER TEL CO	6,477	8,088	9,720	11,114	24.88%	20.18%	14.35%	
250281	CONTEL OF THE SOUTH	111,551	114,423	126,360	190,740	2.57%	10.43%	50.95%	
250297	GROVE HILL TEL CORP	2,183	2,369	2,908	3,799	8.50%	22.76%	30.65%	
250298	GULF TEL CO - AL	45,792	50,600	54,059	72,588	10.50%	6.84%	34.28%	
250300	HOPPER TEL. CO INC	2,182	2,469	2,865	3,667	13.16%	16.04%	27.98%	
250304	MILLRY TEL CO	6,210	7,342	9,327	10,366	18.23%	27.04%	11.14%	
250306	MONROEVILLE TEL CO	18,694	22,468	26,493	35,302	20.19%	17.91%	33.25%	
250314	PEOPLES TEL CO	12,298	16,443	18,720	19,942	33.71%	13.85%	6.53%	
250316	RAGLAND TEL CO	857	991	1,253	1,399	15.72%	26.42%	11.60%	
250318	SOUTHLAND TEL CO-AL	16,962	18,942	21,524	37,968	11.67%	13.64%	76.40%	
613000	ANCHORAGE TEL UTIL	297,498	336,277	358,341	392,784	13.04%	6.56%	9.61%	
613001	ARCTIC SLOPE TEL	8,272	8,795	10,338	13,843	6.33%	17.54%	33.91%	

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	2,172	2,795	3,458	3,713	28.69%	23.70%	7.37%
613004	BUSH-TELL INC.	419	509	593	680	21.23%	16.54%	14.80%
613006	COPPER VALLEY TEL	7,379	8,368	18,445	11,195	13.41%	120.42%	-39.31%
613007	CORDOVA TEL COOP	3,634	4,501	6,251	5,559	23.87%	38.88%	-11.07%
613008	FAIRBANKS MUNICIPAL	N/A	68,451	75,895	85,435	N/A	10.88%	12.57%
613010	GLACIER STATE TEL CO	80,377	81,970	93,937	105,017	1.98%	14.60%	11.80%
613009	GTE ALASKA INC.	27,498	31,643	31,208	31,281	15.07%	-1.37%	0.23%
613011	INTERIOR TEL CO INC	8,248	11,315	14,930	18,341	37.17%	31.96%	22.84%
613012	JUNEAU & DOUGLAS TEL	41,062	42,514	49,426	55,380	3.54%	16.26%	12.05%
613013	KETCHIKAN PUBLIC UT	N/A	21,855	27,742	31,604	N/A	26.94%	13.92%
613015	MATANUSKA TEL ASSOC	54,539	59,614	88,983	102,725	9.31%	49.27%	15.44%
613016	MUKLUK TEL CO INC	617	756	909	838	22.53%	20.18%	-7.85%
613018	NUSHAGAK TEL COOP	2,683	3,381	3,605	3,714	26.00%	6.63%	3.03%
613019	OTZ TEL COOPERATIVE	2,013	2,995	4,269	3,669	48.76%	42.53%	-14.04%
613020	SITKA TELEPHONE CO	20,087	24,437	29,263	31,475	21.66%	19.75%	7.56%
613022	TEL UTIL OF ALASKA	8,139	12,167	14,449	14,383	49.50%	18.75%	-0.46%
613023	UNITED UTILITIES INC	N/A	3,776	4,580	5,197	N/A	21.31%	13.46%
613025	YUKON TEL CO INC	687	664	887	1,103	-3.40%	33.75%	24.34%
452171	ARIZONA TELEPHONE CO	2,722	2,893	3,685	4,648	6.30%	27.38%	26.13%
452172	CITIZENS UTILITIES	125,845	137,666	178,989	206,905	9.39%	30.02%	15.60%
452177	CONTEL OF WEST-AZ	40,014	50,286	57,804	63,877	25.67%	14.95%	10.51%
452275	NAVAJO COMMUN-AZ	23,526	27,136	30,065	28,996	15.35%	10.79%	-3.55%
452173	PAPAGO TRIBAL UTIL.	N/A	654	1,479	1,799	N/A	126.08%	21.65%
452175	UNIVERSAL TEL OF SW	1,586	1,764	1,857	2,233	11.24%	5.30%	20.23%
452176	VALLEY TEL COOP-AZ	2,213	6,035	7,073	10,464	172.64%	17.21%	47.94%
401691	ALLTEL ARKANSAS INC	102,612	123,073	136,186	138,677	19.94%	10.65%	1.83%
401692	ARKANSAS TEL CO	9,057	10,057	11,014	11,430	11.04%	9.51%	3.78%
401697	CENTRAL ARKANSAS TEL	2,419	2,470	3,123	2,610	2.09%	26.44%	-16.42%
401705	CENTURY OF ARKANSAS	18,139	24,129	28,016	33,977	33.02%	16.11%	21.27%
401698	CLEVELAND COUNTY TEL	2,061	2,467	3,074	3,838	19.73%	24.60%	24.84%
401699	DECATUR TEL CO INC	1,773	1,623	1,886	2,086	-8.43%	16.19%	10.58%
401709	MADISON COUNTY TEL	4,342	4,564	4,949	5,380	5.13%	8.43%	8.71%
401711	MOUNTAIN HOME TEL	28,238	37,001	39,009	45,570	31.03%	5.43%	16.82%
401713	NORTH ARKANSAS TEL	9,497	11,455	11,635	13,757	20.62%	1.57%	18.24%
401717	PERCO TELEPHONE CO	N/A	N/A	3,734	4,705	N/A	N/A	26.01%
401720	REDFIELD TEL CO	1,292	1,963	2,011	2,190	51.92%	2.42%	8.89%
401702	SOUTH ARKANSAS TEL	3,480	4,152	4,688	4,895	19.30%	12.91%	4.43%
401726	TRI-COUNTY TEL CO-AR	6,533	7,899	8,980	9,472	20.91%	13.68%	5.48%
401727	UNION TEL CO INC	897	2,267	2,580	2,890	152.66%	13.82%	12.02%
401729	WALNUT HILL TEL CO	8,673	9,847	8,930	10,295	13.54%	-9.31%	15.28%
401733	YELCOT TEL CO INC	4,937	5,459	5,587	6,171	10.57%	2.36%	10.45%
401734	YELL COUNTY TEL CO	4,824	5,111	5,098	4,851	5.96%	-0.25%	-4.84%
542304	C P NATIONAL CORP-CA	12,381	14,673	14,078	17,365	18.52%	-4.06%	23.35%
542301	CALAVERAS TEL CO	975	1,713	2,332	2,350	75.62%	36.13%	0.77%
542311	CALIF-OREGON TEL CO	4,695	6,190	5,955	6,079	31.85%	-3.80%	2.08%
542308	CITIZENS UTIL OF CA	55,254	69,919	84,730	104,077	26.54%	21.18%	22.83%
542313	DUCOR TELEPHONE CO	357	465	535	796	30.21%	15.04%	48.68%
542315	EVANS TEL CO.	4,598	6,274	9,526	10,681	36.47%	51.82%	12.12%
542318	FORESTHILL TEL CO.	N/A	1,841	2,217	2,518	N/A	20.41%	13.59%
542321	HAPPY VALLEY TEL CO	N/A	2,286	2,592	2,890	N/A	13.37%	11.49%
542322	HORNITOS TEL CO	N/A	508	359	359	N/A	-29.42%	0.07%
542324	KERMAN TELEPHONE CO	2,890	2,816	3,204	3,234	-2.56%	13.80%	0.95%
542346	PINNACLES TEL CO	482	333	434	442	-30.92%	30.22%	1.94%
542334	ROSEVILLE TEL CO	54,690	68,633	78,558	141,479	25.49%	14.46%	80.09%
542338	SIERRA TELEPHONE CO	N/A	9,854	13,776	14,652	N/A	39.80%	6.36%
542332	THE PONDEROSA TEL CO	2,877	3,881	6,520	7,389	34.90%	67.98%	13.33%
542339	THE SISKIYOU TEL CO	4,214	4,530	5,773	5,636	7.49%	27.42%	-2.36%
542343	THE VOLCANO TEL CO	3,985	6,137	8,026	7,715	54.01%	30.78%	-3.88%
542342	TUOLUMNE TEL CO	3,402	4,082	4,202	5,881	20.00%	2.93%	39.95%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	5,054	5,703	N/A	N/A	12.83%
462192	BIG SANDY TELCOMM	1,029	922	1,188	1,412	-10.42%	28.84%	18.87%
462181	BIJOU TEL COOP ASSOC	1,479	1,670	1,884	2,261	12.95%	12.82%	19.96%
462182	BLANCA TEL CO	926	571	637	1,454	-38.30%	11.48%	128.25%
462204	COLUMBINE TEL CO	1,891	1,622	1,272	1,410	-14.22%	-21.57%	10.88%
462184	DELTA COUNTY TEL CO	9,724	11,673	13,926	18,448	20.03%	19.30%	32.47%
462185	EAGLE TELECOMMUN INC	9,634	15,708	19,980	26,685	63.05%	27.19%	33.56%
462186	EASTERN SLOPE RURAL	6,572	5,590	8,227	9,481	-14.94%	47.17%	15.24%
462187	EL PASO COUNTY TEL	3,809	3,742	4,610	5,530	-1.76%	23.20%	19.96%

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
462188	FARMERS TEL CO - CO	509	406	518	944	-20.30%	27.55%	82.35%	
462190	HAXTUN TEL CO	1,931	2,093	2,283	1,760	8.38%	9.05%	-22.89%	
462193	NUCLA-NATURITA TEL	2,435	1,921	1,995	2,221	-21.10%	3.84%	11.36%	
462194	NUNN TEL CO	584	552	565	664	-5.44%	2.32%	17.44%	
462196	PEETZ COOP TEL CO	514	507	571	642	-1.40%	12.60%	12.51%	
462199	PLAINS COOP TEL ASSN	1,828	2,043	2,735	2,905	11.74%	33.86%	6.22%	
462203	RYE TELEPHONE CO	2,267	2,634	2,764	3,632	16.23%	4.92%	31.42%	
462207	STRASBURG TEL CO	1,348	1,375	1,860	2,265	1.99%	35.27%	21.77%	
461835	SUNFLOWER TEL - CO	838	866	923	954	3.38%	6.57%	3.36%	
462208	UNIVERSAL TEL CO -CO	10,549	10,839	14,490	16,741	2.74%	33.69%	15.53%	
462209	WIGGINS TEL ASSOC	1,426	1,352	1,979	2,681	-5.19%	46.42%	35.45%	
210336	ALLTEL FLORIDA INC.	66,297	75,944	95,985	143,536	14.55%	26.39%	49.54%	
210291	FLORALA TEL CO	1,925	2,175	2,231	3,124	13.00%	2.58%	40.04%	
210329	GULF TEL CO	10,960	14,437	17,086	15,209	31.73%	18.35%	-10.99%	
210331	INDIANTOWN SYSTEM	3,854	5,665	4,790	4,982	46.98%	-15.45%	4.01%	
210335	NORTHEAST FLORIDA	6,518	10,427	8,923	6,589	59.98%	-14.42%	-26.16%	
210338	QUINCY TEL CO-FL DIV	11,495	16,277	18,845	20,625	41.61%	15.78%	9.44%	
210318	SOUTHLAND TEL-FL	4,044	4,602	6,746	12,299	13.80%	46.59%	82.32%	
210339	ST JOSEPH TEL & TEL	30,492	30,946	39,518	44,683	1.49%	27.70%	13.07%	
210330	VISTA-UNITED TELCOM	58,713	61,432	62,835	76,955	4.63%	2.28%	22.47%	
220357	ALLTEL GEORGIA INC.	N/A	N/A	72,002	79,757	N/A	N/A	10.77%	
220344	ALMA TEL CO	5,278	5,868	6,728	6,728	11.19%	14.65%	0.00%	
220347	BRANTLEY TEL CO	3,399	3,417	4,312	5,364	0.55%	26.17%	24.40%	
220351	CAMDEN TEL & TEL CO	30,742	34,528	44,322	53,878	12.31%	28.36%	21.56%	
220355	CITIZENS TEL CO - GA	4,307	4,413	4,678	4,900	2.46%	6.00%	4.76%	
220356	COASTAL UTILITIES	71,076	82,307	98,501	116,798	15.80%	19.68%	18.58%	
220281	CONTEL OF SOUTH - GA	68,592	86,881	96,656	144,758	26.66%	11.25%	49.77%	
220358	DARIEN TEL CO	5,030	5,076	4,912	5,473	0.91%	-3.23%	11.43%	
220360	ELLIJAY TEL CO	5,110	6,448	8,599	8,912	26.20%	33.35%	3.65%	
220371	INTERSTATE TEL CO	15,340	20,575	25,077	29,855	34.12%	21.88%	19.06%	
220377	PINELAND TEL COOP	8,033	9,128	10,105	11,222	13.63%	10.71%	11.06%	
220379	PLANT TEL. CO.	7,577	8,061	10,316	12,776	6.39%	27.97%	23.84%	
220381	PUBLIC SERVICE TEL	7,590	9,491	10,575	11,209	25.04%	11.42%	6.00%	
220338	QUINCY TEL CO-GA DIV	1,698	2,054	2,119	2,663	20.97%	3.12%	25.68%	
220386	STANDARD TEL CO	45,401	60,211	73,954	61,234	32.62%	22.82%	-17.20%	
220392	WAVERLY HALL TEL CO	977	1,248	1,467	1,881	27.73%	17.53%	28.22%	
220394	WILKES TEL & ELC CO	11,566	13,059	17,414	17,585	12.90%	33.35%	0.98%	
472213	ALBION TEL CO INC	1,902	2,024	2,092	2,600	6.41%	3.37%	24.32%	
472215	CAMBRIDGE TEL CO	1,155	1,195	1,804	2,081	3.47%	50.96%	15.35%	
472225	CENTURY TEL OF IDAHO	4,345	8,436	9,491	11,423	94.13%	12.51%	20.35%	
472177	CONTEL OF WEST-ID	22,755	25,616	29,073	30,045	12.58%	13.49%	3.34%	
472218	CUSTER TEL COOP	2,841	3,233	3,530	4,358	13.77%	9.21%	23.44%	
472223	GEM STATE UTIL-ID	1,741	2,084	2,500	2,919	19.68%	19.95%	16.75%	
472423	INLAND TEL-ID	456	492	561	579	7.76%	14.08%	3.28%	
472226	MIDVALE TEL EXCH INC	318	401	469	622	26.13%	16.82%	32.70%	
472231	PROJECT MUTUAL TEL	9,044	11,001	11,665	16,787	21.64%	6.04%	43.91%	
472232	ROCKLAND TEL CO INC	390	522	632	645	33.91%	21.17%	2.07%	
472233	RURAL TEL CO - ID	292	290	368	351	-0.68%	26.90%	-4.62%	
472295	SILVER STAR TEL- ID	644	786	856	1,020	21.95%	8.87%	19.19%	
472234	TROY TELEPHONE CO	1,415	1,644	1,687	2,881	16.23%	2.61%	70.75%	
341000	ALLTEL ILLINOIS INC.	82,032	80,247	86,759	99,039	-2.18%	8.11%	14.15%	
341036	CONTEL OF ILLINOIS	258,011	254,732	283,441	348,225	-1.27%	11.27%	22.86%	
341004	EL PASO TEL CO	1,733	2,142	2,445	3,079	23.59%	14.17%	25.90%	
341023	GRIDLEY TEL CO	1,546	1,464	1,378	1,607	-5.28%	-5.88%	16.55%	
341037	IL CONSOLIDATED TEL	103,332	113,725	125,798	179,662	10.06%	10.62%	42.82%	
341038	INLAND TEL CO	4,005	4,359	5,006	6,571	8.84%	14.84%	31.26%	
341045	LEAF RIVER VLY TEL	467	571	978	830	22.45%	71.26%	-15.12%	
341055	MIDLAND TEL CO	3,646	3,810	4,119	5,495	4.49%	8.12%	33.40%	
341060	MOULTRIE INDEPENDENT	532	562	716	771	5.57%	27.34%	7.76%	
320753	CLAY CTY RURAL COOP	6,522	9,231	9,426	12,849	41.54%	2.11%	36.32%	
320776	COMM CORP OF INDIANA	N/A	10,547	20,937	23,002	N/A	98.51%	9.86%	
320779	CONTEL OF INDIANA	219,729	235,658	229,518	270,964	7.25%	-2.61%	18.06%	
320797	NEW PARIS TEL INC	2,373	2,708	3,232	4,089	14.11%	19.37%	26.51%	
320800	NORTHWESTERN INDIANA	14,570	17,103	21,426	20,578	17.39%	25.28%	-3.96%	
351346	ACE TEL ASSN-IA	3,235	4,728	6,530	10,316	46.15%	38.13%	57.97%	
351105	AYRSHIRE FARMERS MUT	317	389	587	503	22.83%	50.93%	-14.31%	
351110	BERNARD TEL CO INC	553	602	731	890	8.92%	21.41%	21.81%	
351127	CENDEL OF IOWA	N/A	93,284	98,354	102,170	N/A	5.43%	3.88%	

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	8,817	10,747	11,994	12,343	21.88%	11.60%	2.91%
351229	LOST NATION-ELWOOD	637	738	850	2,165	15.93%	15.11%	154.77%
351316	UNITED FARMERS TEL	N/A	1,730	1,831	2,168	N/A	5.81%	18.40%
351327	WEBB-DICKENS TEL	579	695	829	731	20.12%	19.20%	-11.80%
411741	ASSARIA TEL EXCHANGE	796	925	1,033	1,555	16.22%	11.60%	50.56%
411746	BLUE VALLEY TEL CO	3,016	3,295	3,295	2,617	9.27%	-0.02%	-20.57%
411818	CRAW-KAN TEL COOP	17,470	19,569	21,368	24,487	12.01%	9.20%	14.60%
411761	CUNNINGHAM TEL CO	1,723	1,838	2,063	2,305	6.71%	12.24%	11.73%
411764	ELKHART TEL CO INC	3,470	3,971	4,300	4,859	14.43%	8.30%	12.99%
411781	H & B COMMUNICATIONS	1,194	1,330	1,394	1,504	11.40%	4.80%	7.90%
411782	HOME TEL CO	1,480	1,600	1,721	1,318	8.08%	7.56%	-23.40%
411785	J. B. N. TEL CO INC	2,961	3,526	2,694	3,342	19.09%	-23.60%	24.06%
411788	KANOKLA TEL ASSN-KS	3,149	3,528	3,562	2,929	12.02%	0.98%	-17.79%
411801	MADISON TEL CO INC	753	971	992	1,031	29.05%	2.14%	3.89%
411807	MOKAN DIAL INC-KS	3,379	4,121	4,367	4,369	21.98%	5.97%	0.04%
411808	MOUNDRIDGE TEL CO	3,856	4,821	3,498	3,787	25.01%	-27.45%	8.28%
411814	PEOPLES MUTUAL TEL	1,834	2,124	1,940	2,386	15.82%	-8.69%	22.98%
411817	PIONEER TEL ASSN INC	N/A	24,406	25,189	31,921	N/A	3.21%	26.73%
411826	RURAL TEL SERVICE CO	7,882	8,160	9,151	10,239	3.52%	12.15%	11.90%
411827	S & T TEL COOP ASSN	2,546	2,610	2,944	3,107	2.53%	12.78%	5.55%
411831	S. CENTRAL TEL - KS	1,545	1,406	1,455	1,539	-9.01%	3.52%	5.72%
411835	SUNFLOWER TEL CO	6,656	8,096	8,579	9,170	21.64%	5.95%	6.89%
412030	TOTAH TELEPHONE CO	2,433	2,564	2,818	3,342	5.40%	9.90%	18.58%
411840	TWIN VALLEY TEL INC	2,341	2,542	2,343	2,995	8.60%	-7.84%	27.86%
411841	UNITED TEL ASSN	7,268	8,184	8,551	10,768	12.60%	4.48%	25.94%
411847	WHEAT STATE TEL, INC	2,379	2,648	2,998	3,571	11.34%	13.19%	19.12%
411849	WILSON TEL CO INC	2,268	2,493	3,305	3,325	9.90%	32.56%	0.62%
411852	ZENDA TEL COMPANY	218	214	205	251	-1.56%	-4.27%	22.43%
260410	CONTEL OF KENTUCKY	93,920	108,354	131,572	159,055	15.37%	21.43%	20.89%
270431	CADDOAN TEL CO	14,532	19,414	24,737	29,215	33.59%	27.42%	18.10%
270425	CAMERON TEL CO - LA	8,381	13,857	18,366	21,020	65.34%	32.55%	14.45%
270423	CENTRAL LOUISIANA	17,105	22,595	32,076	32,172	32.09%	41.96%	0.30%
270436	CENTURY NORTH LA	13,056	14,960	14,182	15,216	14.58%	-5.20%	7.29%
270440	CENTURY TEL CO	2,579	3,307	4,551	5,439	28.20%	37.63%	19.51%
270424	COASTAL TEL & ELEC	9,941	12,046	18,101	19,965	21.17%	50.27%	10.30%
270429	EAST ASCENSION TEL	28,517	39,242	40,850	38,186	37.61%	4.10%	-6.52%
270430	ELIZABETH TEL CO	2,645	3,249	3,938	4,265	22.82%	21.21%	8.31%
270434	EVANGELINE TEL CO	24,840	37,184	49,987	58,527	49.69%	34.43%	17.09%
270433	LAFOURCHE TEL CO	9,657	10,964	11,508	16,571	13.53%	4.97%	43.99%
270442	LOUISIANA WESTERN	4,507	6,389	8,330	9,435	41.75%	30.38%	13.26%
270435	NORTHEAST LOUISIANA	1,357	1,604	1,985	2,209	18.25%	23.74%	11.25%
270438	RESERVE TEL CO	N/A	N/A	5,336	9,837	N/A	N/A	84.34%
100004	CHINA TEL CORP	N/A	3,733	4,178	4,822	N/A	11.92%	15.42%
100014	CONTEL OF MAINE	57,917	66,608	72,318	76,382	15.01%	8.57%	5.62%
100010	HAMPDEN TEL CO	N/A	3,055	3,654	4,475	N/A	19.59%	22.46%
100011	HARTLAND & ST ALBANS	2,473	3,458	4,056	4,426	39.82%	17.29%	9.10%
100003	LINCOLNVILLE TEL CO	2,062	2,472	2,880	3,691	19.89%	16.47%	28.17%
100024	SOMERSET TEL CO	10,791	12,769	13,398	14,957	18.33%	4.93%	11.64%
100025	STANDISH TEL CO	N/A	9,959	12,361	13,873	N/A	24.12%	12.23%
100027	UNION RIVER TEL CO	770	1,353	1,040	1,493	75.66%	-23.16%	43.62%
100029	UNITY TEL CO., INC.	N/A	4,317	5,520	6,944	N/A	27.85%	25.81%
100031	WARREN TEL CO	1,502	1,871	2,128	2,572	24.59%	13.75%	20.87%
100034	WEST PENOBSCOT TEL	1,582	1,807	2,209	2,406	14.22%	22.25%	8.91%
310704	ACE TEL OF MICHIGAN	1,774	2,171	2,391	2,789	22.40%	10.12%	16.65%
310681	ALLTEL MICHIGAN INC.	56,281	62,881	72,922	79,234	11.73%	15.97%	8.65%
310679	BLOOMINGDALE TEL CO	1,526	1,795	2,168	2,548	17.62%	20.80%	17.53%
310682	C, C & S TELCO - MI	21,500	23,025	23,127	27,021	7.09%	0.44%	16.84%
310683	CARR TEL CO	466	873	1,129	1,307	87.24%	29.34%	15.77%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	29,841	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	27,722	39,917	47,222	60,674	43.99%	18.30%	28.49%
310685	CHATHAM TEL CO - MI	2,118	2,464	2,723	3,036	16.35%	10.49%	11.50%
310680	CHIPPEWA COUNTY TEL	781	934	1,070	1,151	19.56%	14.61%	7.54%
310713	HIAWATHA TEL CO	3,842	4,691	5,783	7,476	22.10%	23.28%	29.27%
310711	MIDWAY TEL CO	811	840	913	1,054	3.50%	8.70%	15.45%
310714	OGDEN TEL CO	N/A	601	849	961	N/A	41.11%	13.24%
310717	ONTONAGON COUNTY TEL	4,866	5,629	6,237	7,076	15.68%	10.80%	13.45%
310721	PIGEON TEL CO	2,019	2,458	2,126	2,462	21.75%	-13.52%	15.81%
310728	SPRINGPORT TEL CO	1,016	1,176	1,201	2,708	15.75%	2.12%	125.38%

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	5,093	6,125	6,958	7,512	20.27%	13.59%	7.97%
310737	WINN TEL CO	N/A	1,074	1,323	534	N/A	23.27%	-59.62%
310738	WOLVERINE TEL CO	5,540	6,539	6,665	8,305	18.03%	1.92%	24.60%
361346	ACE TEL ASSN-MN	12,530	29,127	30,553	30,014	132.46%	4.90%	-1.76%
361374	ARROWHEAD COMM CORP	379	623	682	1,076	64.48%	9.46%	57.91%
361350	ARVIG TEL CO	6,638	12,922	13,881	9,025	94.66%	7.42%	-34.98%
361370	CLARA CITY TEL EXCH	1,310	1,210	1,920	2,258	-7.61%	58.67%	17.61%
361140	CONTEL MN DBA GTE MN	104,578	131,325	150,064	179,289	25.58%	14.27%	19.48%
361385	EAST OTTER TAIL TEL	11,606	21,422	27,397	45,219	84.58%	27.89%	65.05%
361395	GARDEN VALLEY TEL CO	13,263	15,260	16,283	17,871	15.06%	6.70%	9.75%
361410	JOHNSON TEL CO	1,038	1,333	1,524	1,826	28.34%	14.35%	19.83%
361414	LAKEDALE TEL CO	7,184	7,358	7,817	12,015	2.41%	6.24%	53.71%
361433	MID STATE TEL CO	4,713	5,055	5,253	8,315	7.27%	3.91%	58.27%
361442	NEW ULM TELECOM, INC	10,234	11,459	11,888	17,210	11.97%	3.74%	44.77%
361451	PAUL BUNYAN RURAL	5,754	5,861	7,523	9,578	1.86%	28.36%	27.31%
361483	SLEEPY EYE TEL CO	3,576	5,138	5,617	6,543	43.70%	9.33%	16.47%
361491	TWIN VALLEY-ULEN TEL	2,983	3,388	4,502	7,215	13.56%	32.89%	60.27%
280453	ALLTEL MISSISSIPPI	N/A	N/A	12,012	13,451	N/A	N/A	11.98%
280446	BAY SPRINGS TEL CO	9,714	10,218	11,346	10,994	5.19%	11.04%	-3.10%
280452	DELTA TEL CO	3,429	3,912	5,854	5,854	14.09%	49.66%	0.00%
280454	FRANKLIN TEL CO - MS	8,490	8,565	9,755	10,489	0.88%	13.90%	7.52%
280458	HOME TEL CO-OLIVE BR	N/A	31,124	43,315	64,767	N/A	39.17%	49.52%
280461	SOUTHEAST MS TEL CO	2,631	5,233	6,931	7,804	98.90%	32.45%	12.59%
421885	ALLTEL MISSOURI	34,034	36,998	43,120	51,075	8.71%	16.55%	18.45%
421865	CITIZENS TEL CO - MO	4,677	4,697	4,207	4,285	0.41%	-10.42%	1.85%
421922	CONTEL OF MISSOURI	230,838	332,610	363,370	441,715	44.09%	9.25%	21.56%
421846	CONTINENTAL SYS. -MO	57,201	60,482	72,382	90,396	5.74%	19.68%	24.89%
421873	EASTERN MISSOURI TEL	2,322	2,777	3,541	5,808	19.61%	27.51%	64.01%
421882	FIDELITY TEL CO	12,044	12,092	13,089	14,930	0.39%	8.24%	14.07%
421886	GOODMAN TEL CO	2,771	2,964	3,110	3,682	6.97%	4.93%	18.39%
421888	GRAND RIVER MUT-MO	14,057	14,922	18,583	21,007	6.16%	24.53%	13.05%
421929	HOLWAY TEL CO	612	539	539	901	-11.89%	0.00%	67.09%
421901	KINGDOM TELEPHONE	3,359	3,609	5,782	5,447	7.44%	60.21%	-5.79%
421908	LE-RU TELEPHONE CO	2,276	2,506	2,611	3,006	10.09%	4.20%	15.12%
421904	MISSOURI TEL CO	19,825	21,411	26,826	33,967	8.00%	25.30%	26.62%
421807	MOKAN DIAL INC-MO	758	1,235	1,107	1,320	62.93%	-10.34%	19.30%
421931	NE MISSOURI RURAL	4,758	5,641	6,070	6,340	18.56%	7.61%	4.45%
421934	ORCHARD FARM TEL CO	557	656	983	1,082	17.75%	49.81%	10.02%
421951	STOUTLAND TEL CO	914	988	1,283	1,536	8.03%	29.88%	19.71%
482235	BLACKFOOT TEL COOP	8,602	9,847	10,109	14,892	14.47%	2.67%	47.31%
482241	HOT SPRINGS TEL CO	N/A	827	704	841	N/A	-14.83%	19.40%
482242	INTERBEL TEL COOP	1,715	1,843	2,652	2,907	7.42%	43.91%	9.62%
482244	LINCOLN TEL CO INC	805	978	1,176	1,202	21.44%	20.28%	2.20%
482246	MID-RIVERS TEL COOP	8,776	9,349	9,676	12,021	6.53%	3.50%	24.23%
482247	NEMONT TEL COOP-MT	4,300	5,063	4,964	5,730	17.75%	-1.96%	15.45%
482248	NORTHERN TEL COOP	2,760	3,342	3,593	2,785	21.05%	7.51%	-22.48%
482249	NW TEL SYSTEMS, INC.	75,070	83,376	101,558	111,333	11.06%	21.81%	9.63%
482250	PROJECT TEL CO	3,931	5,149	6,387	8,411	30.97%	24.05%	31.70%
482251	RANGE TEL COOP-MT	5,433	5,950	6,471	9,303	9.51%	8.76%	43.76%
482254	SOUTHERN MONTANA TEL	1,413	1,534	1,578	1,868	8.57%	2.90%	18.36%
482257	TRIANGLE TEL COOP	11,455	11,787	12,762	17,830	2.90%	8.28%	39.71%
482258	VALLEY RURAL TEL	782	915	1,026	1,460	17.08%	12.09%	42.30%
482255	3-RIVERS TEL COOP	12,397	13,774	17,525	21,669	11.10%	27.24%	23.65%
371516	ARAPAHOE TEL CO	1,008	1,283	1,452	1,904	27.31%	13.13%	31.14%
371517	ARLINGTON TEL CO	1,290	1,606	1,508	1,765	24.50%	-6.08%	17.03%
372455	BENKELMAN TEL CO	N/A	1,959	2,024	2,499	N/A	3.28%	23.48%
371524	BLAIR TEL CO	9,018	11,500	12,550	16,382	27.52%	9.12%	30.53%
371526	CAMBRIDGE TEL CO -NE	N/A	1,454	1,793	1,950	N/A	23.30%	8.74%
371531	CLARKS TEL CO	838	962	1,281	1,377	14.78%	33.16%	7.51%
371534	COZAD TEL CO	2,844	3,922	4,399	5,239	37.90%	12.15%	19.09%
371536	CURTIS TEL CO	915	1,028	1,091	1,254	12.36%	6.09%	14.90%
371537	DALTON TEL CO, INC	2,413	2,588	2,622	2,966	7.26%	1.32%	13.13%
371540	DILLER TEL CO	906	1,007	1,080	1,235	11.18%	7.27%	14.32%
371542	EASTERN NEBRASKA TEL	3,811	4,264	4,730	5,690	11.89%	10.93%	20.30%
371577	GREAT PLAINS COMMUN	37,472	41,012	40,287	45,897	9.45%	-1.77%	13.93%
371557	HARTMAN TEL EXCH INC	1,023	1,220	1,283	1,472	19.28%	5.09%	14.73%
371558	HEMINGFORD COOP TEL	1,018	1,444	1,668	1,888	41.90%	15.52%	13.18%
371567	KEYSTONE-ARTHUR TEL	631	658	770	869	4.21%	17.05%	12.88%

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
371574	NEBRASKA CENTRAL TEL	6,626	7,412	8,953	9,255	11.86%	20.79%	3.37%	
371580	PETERSBURG TEL CO	268	348	415	513	29.74%	19.38%	23.62%	
371586	ROCK COUNTY TEL CO	1,369	1,764	1,620	1,861	28.86%	-8.18%	14.89%	
371591	SE NEBRASKA TEL CO	N/A	8,191	11,912	20,972	N/A	45.44%	76.05%	
371592	STANTON TEL CO, INC	995	2,129	2,385	2,757	114.00%	12.00%	15.61%	
371525	THREE RIVER TELCO	1,642	1,873	2,321	2,521	14.09%	23.91%	8.61%	
371597	WAUNETA TEL CO	920	1,109	1,167	1,398	20.47%	5.25%	19.85%	
552284	BEEHIVE TEL CO - NV	N/A	264	441	467	N/A	67.52%	5.85%	
552349	CHURCHILL COUNTY TEL	20,956	26,006	29,608	33,135	24.10%	13.85%	11.91%	
552304	CP NATIONAL-NV	32,825	48,112	56,881	67,506	46.57%	18.23%	18.68%	
552223	GEM STATE UTIL-NV	661	1,019	1,309	1,383	54.07%	28.47%	5.67%	
552351	LINCOLN CTY TEL SYS	3,320	3,659	4,236	4,862	10.21%	15.76%	14.78%	
552353	MOAPA VALLEY TEL CO.	4,307	5,632	5,717	8,075	30.77%	1.50%	41.26%	
552354	NEVADA TEL-TELEGRAPH	7,799	8,858	10,819	11,285	13.58%	22.14%	4.30%	
552356	RIO VIRGIN TEL CO	4,126	5,262	5,886	6,902	27.55%	11.84%	17.27%	
552233	RURAL TEL CO - NV	341	1,416	1,998	1,880	315.36%	41.12%	-5.90%	
120038	BRETTON WOODS TEL CO	624	685	907	966	9.74%	32.51%	6.46%	
120040	CHICHESTER TEL CO	N/A	2,096	2,004	3,118	N/A	-4.38%	55.55%	
120041	CONTEL OF NH	23,996	28,123	30,529	32,697	17.20%	8.55%	7.10%	
120039	GRANITE STATE TEL	16,043	17,584	21,271	23,339	9.61%	20.97%	9.72%	
120045	KEARSARGE TEL CO	12,727	15,135	17,566	20,176	18.92%	16.06%	14.86%	
120046	MERIDEN TEL CO	1,514	1,872	1,969	2,129	23.63%	5.19%	8.13%	
120047	MERRIMAK COUNTY TEL	14,472	17,463	21,289	17,428	20.67%	21.91%	-18.14%	
120049	UNION TEL CO	8,330	11,633	13,297	13,165	39.65%	14.30%	-0.99%	
120050	WILTON TEL CO - NH	5,835	10,303	8,457	8,739	76.56%	-17.91%	3.33%	
160135	WARWICK VALLEY-NJ	16,032	17,925	20,572	22,961	11.81%	14.77%	11.61%	
492259	BACA VALLEY TEL CO	1,166	1,270	1,455	1,715	8.93%	14.50%	17.93%	
492177	CONTEL OF WEST - NM	46,893	50,576	61,254	73,914	7.85%	21.11%	20.67%	
492066	DELL TEL CO-OP - NM	540	550	763	699	1.85%	38.71%	-8.37%	
492262	ENMR TEL COOP INC-NM	18,768	16,143	35,197	33,263	-13.99%	118.04%	-5.50%	
492263	LA JICARITA RURAL	1,687	1,797	2,162	2,128	6.48%	20.34%	-1.59%	
492264	LEACO RURAL TEL COOP	2,297	2,227	2,375	2,684	-3.03%	6.63%	13.03%	
492275	NAVAJO COMMUN - NM	8,713	9,246	11,227	11,074	6.12%	21.42%	-1.36%	
492270	PENASCO VALLEY TEL	3,698	4,031	4,184	3,736	8.99%	3.80%	-10.71%	
492272	ROOSEVELT CNTY RURAL	3,187	3,226	3,789	4,167	1.22%	17.46%	9.98%	
492274	UNIVERSAL TEL OF SW	5,487	6,390	7,474	8,376	16.47%	16.95%	12.07%	
492176	VALLEY TEL COOP - NM	3,177	3,797	4,462	5,364	19.50%	17.52%	20.21%	
492268	WESTERN NEW MEXICO	9,584	8,682	12,176	14,417	-9.41%	40.24%	18.40%	
150106	ALLTEL NY-FULTON	13,313	59,044	80,817	88,577	343.51%	36.88%	9.60%	
150109	ALLTEL NY-JAMESTOWN	21,319	95,140	108,179	110,772	346.27%	13.70%	2.40%	
150113	ALLTEL NY-RED JACKET	561	2,259	2,971	4,825	302.64%	31.53%	62.40%	
150072	AU SABLE VALLEY TEL	6,622	8,457	9,839	11,908	27.72%	16.33%	21.04%	
150077	CHAMPLAIN TEL CO	8,997	10,498	12,021	13,328	16.68%	14.50%	10.87%	
150078	CHAUTAUQUA & ERIE	16,406	18,435	22,766	22,967	12.36%	23.49%	0.88%	
150081	CITIZENS HAMMOND NY	1,123	805	1,007	1,160	-28.32%	25.06%	15.20%	
150085	CROWN POINT TEL CORP	1,062	1,040	1,360	1,602	-2.06%	30.83%	17.80%	
150091	DUNKIRK & FREDONIA	8,001	9,816	10,695	12,371	22.69%	8.96%	15.66%	
150092	EDWARDS TEL CO	1,337	1,580	1,495	1,825	18.15%	-5.42%	22.12%	
150093	EMPIRE TEL CORP	8,264	9,063	11,163	13,257	9.67%	23.17%	18.76%	
150097	GERMANTOWN TEL CO	2,913	3,046	3,240	3,838	4.56%	6.37%	18.47%	
150099	HANCOCK TEL CO	2,436	2,669	2,843	2,999	9.57%	6.52%	5.48%	
150100	HIGHLAND TEL CO	150,113	168,590	193,648	232,808	12.31%	14.86%	20.22%	
150105	MIDDLEBURGH TEL CO	4,858	6,023	6,697	7,294	23.98%	11.19%	8.92%	
150108	NICHOLVILLE TEL CO	2,273	2,016	2,146	2,472	-11.32%	6.47%	15.21%	
150110	OGDEN TEL CO	18,184	23,390	29,163	32,735	28.63%	24.68%	12.25%	
150116	PATTERSONVILLE TEL	N/A	1,824	3,003	3,682	N/A	64.64%	22.64%	
150122	SENECA-GORHAM TEL	8,183	10,132	13,425	14,657	23.81%	32.50%	9.18%	
150128	SYLVAN LAKE TEL CO	33,461	40,775	47,607	54,836	21.86%	16.75%	15.18%	
150084	TACONIC TEL CORP	31,842	38,335	37,885	41,559	20.39%	-1.17%	9.70%	
150133	VERNON TEL CO	2,580	3,000	3,963	4,851	16.28%	32.11%	22.40%	
150135	WARWICK VALLEY-NY	27,502	30,491	34,244	36,189	10.87%	12.31%	5.68%	
230476	ALLTEL CAROLINA-NO	151,314	180,382	221,253	284,887	19.21%	22.66%	28.76%	
230468	ATLANTIC MEMBERSHIP	22,379	25,288	29,202	35,818	13.00%	15.48%	22.66%	
230469	BARNARDVILLE TEL CO	681	1,253	1,305	1,353	84.02%	4.14%	3.70%	
230473	CITIZENS TEL CO	23,838	28,608	35,344	33,994	20.01%	23.55%	-3.82%	
230474	CONCORD TEL CO	90,164	92,893	112,736	123,501	3.03%	21.36%	9.55%	
230509	CONTEL OF NC	152,147	174,547	192,634	249,192	14.72%	10.36%	29.36%	
230481	HEINS TEL CO	32,567	46,798	39,562	51,207	43.69%	-15.46%	29.44%	

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
230502	STAR MEMBERSHIP CORP	12,290	13,640	17,723	21,676	10.98%	29.93%	22.31%	
230510	WILKES MEMBERSHIP	4,617	5,325	6,034	6,343	15.33%	13.30%	5.14%	
381607	CONSOLIDATED COOP	6,039	5,894	7,020	7,978	-2.41%	19.12%	13.64%	
381447	CONTEL ND DBA GTE ND	11,804	14,627	16,155	17,746	23.92%	10.45%	9.85%	
381616	INTER-COMMUNITY TEL	1,716	1,799	1,916	2,220	4.87%	6.48%	15.85%	
381617	MIDSTATE TEL CO	2,468	2,771	3,259	4,237	12.31%	17.59%	30.03%	
381630	POLAR COMM MUT AID	12,559	14,541	16,446	21,914	15.79%	13.10%	33.25%	
381632	RESERVATION TEL COOP	6,455	7,192	7,352	8,082	11.42%	2.22%	9.92%	
381634	SOURIS RIVER TELECOM	27,816	30,086	34,741	38,005	8.16%	15.47%	9.39%	
381637	W. RIVER TELECOM.	14,747	15,228	15,626	19,049	3.26%	2.62%	21.91%	
300665	ALLTEL OHIO-WEST OH	20,223	27,646	30,004	36,614	36.71%	8.53%	22.03%	
300682	C, C & S TELCO -OHIO	768	936	939	891	21.89%	0.34%	-5.12%	
300607	CONTINENTAL OF OHIO	1,433	2,077	2,526	2,991	44.94%	21.62%	18.42%	
300613	LITTLE MIAMI COMM.	1,048	3,881	3,011	3,569	270.50%	-22.42%	18.54%	
300597	THE CHILLICOTHE TEL	25,860	29,491	29,607	31,453	14.04%	0.39%	6.24%	
431965	ALLTEL OKLAHOMA INC	17,197	18,980	21,548	23,090	10.37%	13.53%	7.16%	
431966	ATLAS TEL CO	N/A	3,703	3,608	4,210	N/A	-2.57%	16.69%	
431974	CANADIAN VALLEY TEL	973	1,020	1,213	1,277	4.82%	18.97%	5.30%	
431976	CARNEGIE TEL CO INC	2,006	2,052	2,066	2,272	2.28%	0.66%	9.99%	
431979	CHEROKEE TEL CO	10,694	11,685	12,172	12,784	9.27%	4.16%	5.03%	
431980	CHICKASAW TEL CO	8,986	9,576	13,545	14,713	6.57%	41.44%	8.62%	
431981	CHOUTEAU TEL CO	3,219	3,396	4,784	4,518	5.53%	40.85%	-5.56%	
431985	CROSS TEL CO	8,558	10,329	11,880	13,313	20.70%	15.01%	12.07%	
431988	DOBSON TEL CO	6,052	6,445	6,917	7,657	6.49%	7.32%	10.70%	
431994	GRAND TEL CO INC	3,895	4,065	4,153	4,917	4.37%	2.17%	18.39%	
431995	HINTON TEL CO	3,442	3,742	3,948	4,557	8.73%	5.50%	15.43%	
431788	KANOKLA TEL ASSN-OK	2,252	2,560	2,463	2,576	13.66%	-3.78%	4.61%	
432006	M-CLOUD TEL CO	6,778	10,092	10,053	12,244	48.89%	-0.39%	21.80%	
432011	OKLAHOMA ALLTEL, INC	21,743	23,567	27,029	29,930	8.39%	14.69%	10.73%	
431984	OKLAHOMA COMM SYSTEM	17,794	20,787	22,823	24,531	16.82%	9.79%	7.48%	
432013	OKLAHOMA TEL & TEL	2,299	2,140	2,333	2,768	-6.92%	9.04%	18.63%	
432014	OKLAHOMA WESTERN TEL	3,563	3,963	4,192	4,632	11.24%	5.77%	10.49%	
432016	PANHANDLE TEL COOP	12,732	14,271	14,976	15,922	12.09%	4.94%	6.32%	
432018	PIONEER TEL COOP INC	41,491	43,090	45,081	60,530	3.85%	4.62%	34.27%	
432020	POTTAWATOMIE TEL CO	1,877	2,220	2,535	3,035	18.28%	14.18%	19.71%	
431831	S. CENTRAL TEL - OK	813	919	976	964	13.10%	6.18%	-1.22%	
432030	TOTAH TELEPHONE CO	2,736	3,158	3,365	4,102	15.42%	6.56%	21.88%	
432032	VALLIANT TEL CO	2,994	3,140	4,123	4,006	4.89%	31.29%	-2.82%	
432034	WYANDOTTE TEL CO	N/A	1,143	1,472	1,580	N/A	28.79%	7.33%	
532404	ASOTIN TEL - OR	185	221	252	294	19.06%	14.26%	16.75%	
532359	BEAVER CREEK COOP	5,117	4,423	5,010	6,697	-13.56%	13.27%	33.68%	
532304	C P NATIONAL CORP-OR	19,838	17,854	17,795	22,714	-10.00%	-0.33%	27.64%	
532362	CANBY TEL ASSN	9,108	10,180	17,489	22,059	11.77%	71.79%	26.13%	
532371	CASCADE UTIL INC	9,325	11,113	12,987	16,064	19.18%	16.86%	23.70%	
532363	CLEAR CREEK MUTUAL	4,269	4,392	5,828	5,838	2.90%	32.70%	0.16%	
532364	COLTON TEL CO	1,337	1,659	1,929	2,223	24.15%	16.27%	15.23%	
532449	CONTEL OF THE NW- OR	34,977	36,882	41,455	50,231	5.45%	12.40%	21.17%	
532376	HELIX TEL CO.	368	319	539	623	-13.40%	68.99%	15.51%	
532377	HOME TELEPHONE CO	545	597	599	1,030	9.55%	0.22%	72.05%	
532456	MALHEUR HOME TEL CO	31,788	34,830	34,414	37,650	9.57%	-1.19%	9.40%	
532226	MIDVALE TEL EXCH -OR	382	334	497	424	-12.59%	48.75%	-14.61%	
532383	MOLALLA TEL CO.	5,097	5,422	7,693	10,537	6.37%	41.89%	36.98%	
532385	MONROE TELEPHONE CO.	747	900	1,246	1,411	20.48%	38.47%	13.26%	
532387	NEHALEM TEL & TEL	1,695	1,982	2,796	4,050	16.93%	41.04%	44.86%	
532388	NORTH STATE TEL CO.	506	714	813	1,306	41.10%	13.89%	60.63%	
532389	OREGON TEL CORP	2,053	2,598	3,092	4,185	26.53%	19.02%	35.35%	
532392	PINE TEL SYSTEM INC.	1,253	1,411	1,684	1,525	12.62%	19.39%	-9.45%	
532393	PIONEER TEL COOP	13,098	15,124	17,523	23,616	15.47%	15.86%	34.77%	
532375	RTI/HALSEY TEL CO	2,825	2,821	2,285	2,102	-0.14%	-18.99%	-8.03%	
532397	SCIO MUTUAL TEL ASSN	1,615	2,086	2,426	2,568	29.15%	16.30%	5.88%	
532361	TEL UTIL OF OREGON	64,834	79,203	97,331	102,464	22.16%	22.89%	5.27%	
532378	TRANS-CASCADES TEL	212	163	188	220	-23.14%	15.66%	17.08%	
170170	CONTEL OF PA	71,878	85,617	98,466	110,350	19.11%	15.01%	12.07%	
170177	LACKAWAXEN TEL CO	N/A	5,669	6,822	7,389	N/A	20.33%	8.32%	
170183	MAHANNOY & MAHANTONGO	N/A	2,116	2,374	2,649	N/A	12.18%	11.57%	
170192	NORTH PENN TEL CO	8,731	9,214	10,603	11,672	5.53%	15.07%	10.08%	
170194	OSWAYO RIVER TEL CO	4,021	4,600	5,543	5,868	14.38%	20.51%	5.87%	
170201	QUAKER STATE TEL CO	54,645	62,607	70,208	79,734	14.57%	12.14%	13.57%	

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	INTERSTATE SUBSCRIBER LINE USAGE MINUTES (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	1,175	1,359	1,515	1,522	15.62%	11.49%	0.44%
633200	PUERTO RICO COMM	N/A	87,469	125,214	138,795	N/A	43.15%	10.85%
240512	BLUFFTON TEL. CO.	5,994	7,091	13,152	17,443	18.30%	85.47%	32.63%
240526	CONTEL OF SC	25,505	32,297	41,861	66,847	26.63%	29.61%	59.69%
240520	FARMERS TEL COOP	66,394	79,555	107,721	134,085	19.82%	35.40%	24.47%
240523	HARGRAY TEL CO	107,917	123,192	153,395	210,117	14.15%	24.52%	36.98%
240528	HORRY TEL COOP	66,523	123,140	139,537	139,537	85.11%	13.32%	0.00%
240533	MCCLELLANVILLE TEL	1,775	2,153	2,569	3,129	21.32%	19.30%	21.79%
240539	POND BRANCH TEL CO	8,144	9,679	10,333	12,086	18.85%	6.76%	16.97%
240551	WILLISTON TEL CO	4,372	4,987	5,431	7,404	14.08%	8.90%	36.32%
391647	CHEYENNE RIVER SIOUX	3,236	3,376	4,653	4,541	4.33%	37.83%	-2.41%
391643	CONTEL SD DBA GTE SD	13,906	17,643	21,839	24,367	26.87%	23.78%	11.58%
391659	GOLDEN WEST TELECOMM	22,131	28,041	27,850	31,648	26.70%	-0.68%	13.64%
391666	JEFFERSON TEL CO -SD	1,741	1,798	2,179	2,943	3.27%	21.19%	35.05%
391667	KADOKA TELEPHONE CO	943	1,020	1,180	1,412	8.20%	15.62%	19.68%
391668	KENNEBEC TEL CO	363	426	527	669	17.24%	23.75%	26.93%
391689	WEST RIVER COOP	2,678	3,402	3,607	3,681	27.05%	6.01%	2.07%
290552	ADAMSVILLE TEL CO	N/A	9,113	12,184	13,746	N/A	33.70%	12.82%
290571	MILLINGTON TEL CO	47,148	51,571	50,843	53,602	9.38%	-1.41%	5.43%
290575	TENNESSEE TEL CO	48,457	65,992	81,695	90,203	36.19%	23.80%	10.42%
290579	TWIN LAKES TEL COOP	25,908	30,594	36,422	41,978	18.09%	19.05%	15.25%
442121	ALLTEL TEXAS INC	2,769	3,022	3,916	4,070	9.15%	29.55%	3.95%
442039	BIG BEND TEL CO INC	3,734	3,906	5,530	5,395	4.59%	41.59%	-2.45%
442040	BRAZORIA TEL CO	4,104	4,633	5,275	5,990	12.88%	13.87%	13.54%
442041	BRAZOS TEL COOP INC	659	852	931	1,106	29.20%	9.29%	18.80%
440425	CAMERON TEL CO TEXAS	515	1,012	1,179	1,355	96.54%	16.52%	14.92%
442046	CAP ROCK TEL CO INC	1,697	1,537	2,316	2,195	-9.43%	50.71%	-5.21%
442052	CENTRAL TEXAS CO-OP	1,733	2,046	2,765	3,125	18.03%	35.15%	13.02%
442059	COLORADO VALLEY TEL	3,383	3,677	4,176	4,050	8.69%	13.57%	-3.00%
442066	DELL TEL. CO-OP - TX	1,143	1,208	1,447	1,347	5.67%	19.78%	-6.89%
442068	EASTEX TEL COOP INC	16,298	28,864	26,663	29,068	77.11%	-7.63%	9.02%
442262	ENMR TEL COOP-TX	821	829	1,066	1,205	1.06%	28.57%	12.99%
442070	ETEX TEL COOP INC	7,587	12,083	13,537	13,185	59.26%	12.03%	-2.60%
442071	FIVE AREA TEL CO-OP	2,211	2,411	2,649	2,771	9.01%	8.89%	4.61%
442072	FORT BEND TEL CO	20,224	28,017	32,119	38,805	38.54%	14.64%	20.81%
442076	GANADO TELEPHONE CO	715	934	831	1,036	30.58%	-11.03%	24.67%
442083	GUADALUPE VALLEY TEL	15,406	21,872	25,697	37,085	41.97%	17.49%	44.32%
442086	HILL COUNTRY CO-OP	6,623	12,709	12,367	12,575	91.90%	-2.69%	1.68%
442093	INDUSTRY TEL CO	731	935	1,043	1,073	27.92%	11.57%	2.94%
442097	KERRVILLE TEL CO	18,475	18,477	23,084	23,553	0.01%	24.93%	2.03%
442103	LA WARD TEL EXCHANGE	563	688	841	882	22.28%	22.12%	4.87%
442101	LAKE DALLAS TEL CO	9,517	7,628	11,589	12,851	-19.84%	51.92%	10.89%
442104	LAKE LIVINGSTON TEL	611	684	729	836	12.02%	6.58%	14.56%
442105	LIPAN TEL CO	N/A	N/A	773	791	N/A	N/A	2.31%
442109	LUFKIN-CONROE TEL EX	71,744	102,081	117,022	109,928	42.29%	14.64%	-6.06%
442112	MID-PLAINS RURAL TEL	2,073	2,052	3,317	3,233	-0.97%	61.60%	-2.52%
442116	MUENSTER TEL CORP-TX	1,636	2,239	2,911	3,204	36.88%	30.02%	10.06%
442117	MUSTANG TEL CO	3,437	3,616	4,930	5,026	5.20%	36.35%	1.95%
442130	PEOPLES TEL COOP -TX	5,955	5,474	8,686	10,236	-8.08%	58.70%	17.84%
442131	POKA-LAMBRO TEL COOP	2,154	2,361	5,362	4,871	9.61%	127.07%	-9.15%
442134	RIVIERA TEL CO INC	716	1,000	1,230	1,196	39.59%	23.04%	-2.74%
442147	SUGAR LAND TEL CO	69,129	66,162	65,125	80,125	-4.29%	-1.57%	23.03%
442150	TATUM TEL CO	N/A	N/A	903	1,239	N/A	N/A	37.28%
442151	TAYLOR TEL CO-OP INC	4,557	6,919	7,672	9,889	51.84%	10.88%	28.90%
442159	VALLEY TEL CO-OP -TX	2,577	4,864	4,893	6,270	88.72%	0.60%	28.16%
442168	WES-TEX TEL CO-OP	2,360	2,735	3,155	3,228	15.90%	15.37%	2.31%
442166	WEST TEXAS RURAL TEL	3,085	3,152	4,088	4,034	2.15%	29.71%	-1.33%
442170	XIT RURAL TEL CO-OP	2,706	3,635	6,145	4,072	34.35%	69.06%	-33.74%
502284	BEEHIVE TEL CO - UT	N/A	688	938	871	N/A	36.21%	-7.08%
502277	CENTRAL UTAH TEL INC	894	882	1,233	1,376	-1.40%	39.83%	11.60%
502177	CONTEL THE WEST - UT	36,617	33,175	38,918	44,361	-9.40%	17.31%	13.99%
502278	EMERY COUNTY FARMERS	2,686	3,238	3,279	4,244	20.54%	1.25%	29.44%
502280	KAMAS-WOODLAND TEL	1,473	1,801	2,073	2,639	22.28%	15.14%	27.29%
502275	NAVAJO COMMUN - UT	1,431	1,431	1,600	1,447	-0.05%	11.81%	-9.53%
502286	SOUTH CENTRAL UTAH	4,385	4,332	6,331	7,053	-1.21%	46.14%	11.40%
502287	UINTAH BASIN TEL	3,719	3,759	3,735	3,070	1.08%	-0.64%	-17.80%
502288	UT-WY TELECOM	855	871	959	1,069	1.96%	10.08%	11.45%
140070	CONTEL OF VERMONT	75,837	81,163	80,099	87,373	7.02%	-1.31%	9.08%

TABLE 4.15
INTERSTATE SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN THOUSANDS)

SA CODE	COMPANY NAME	INTERSTATE SUBSCRIBER LINE USAGE MINUTES BY STUDY AREA (IN THOUSANDS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	6,205	7,796	10,077	11,553	25.64%	29.25%	14.65%
140061	NORTHFIELD TEL CO	7,667	8,957	11,132	10,825	16.82%	24.29%	-2.76%
140062	PERKINSVILLE TEL CO	1,724	1,853	1,852	2,903	7.52%	-0.07%	56.76%
140068	TOPSHAM TEL CO	2,150	2,164	2,634	3,112	0.67%	21.72%	18.15%
643300	VIRGIN ISLANDS TEL	189,300	173,158	173,158	197,007	-8.53%	0.00%	13.77%
140069	WAITSFIELD/FAYSTON	9,533	13,585	15,109	16,234	42.50%	11.22%	7.44%
190217	AMELIA TEL CORP	3,382	4,788	5,040	5,689	41.57%	5.26%	12.87%
190249	ROANOKE & BOTETOURT	N/A	11,063	16,385	19,261	N/A	48.10%	17.55%
522404	ASOTIN TEL - WA	1,274	1,500	1,683	2,412	17.74%	12.24%	43.27%
522449	CONTEL OF THE NW-WA	81,383	82,942	103,121	148,209	1.92%	24.33%	43.72%
522410	COWICHE TELEPHONE CO	1,481	1,645	1,989	2,232	11.10%	20.89%	12.23%
522412	ELLENSBURG TEL CO	20,605	27,215	32,485	38,762	32.08%	19.37%	19.32%
522417	HAT ISLAND	N/A	13	19	25	N/A	46.15%	31.58%
522419	HOOD CANAL TEL CO	926	941	1,087	1,180	1.65%	15.59%	8.49%
522423	INLAND TEL CO -WA	1,863	2,405	2,245	2,347	29.10%	-6.65%	4.55%
522426	KALAMA TEL CO	2,691	2,924	3,245	3,761	8.66%	10.98%	15.91%
522427	LEWIS RIVER TEL CO	5,540	6,503	7,457	9,723	17.40%	14.66%	30.40%
522431	MASHELL TEL CO INC	2,241	2,574	3,484	4,133	14.85%	35.36%	18.65%
522436	PENINSULA TELECOMM	8,166	10,229	8,474	11,868	25.27%	-17.16%	40.05%
522437	PIONEER TEL CO	866	960	1,043	911	10.93%	8.59%	-12.61%
522442	ST JOHN TEL CO	771	703	806	946	-8.76%	14.57%	17.45%
522408	TEL UTIL OF WA INC	128,794	166,460	188,010	220,560	29.25%	12.95%	17.31%
522446	TENINO TELEPHONE CO	2,929	4,037	4,473	3,990	37.82%	10.81%	-10.81%
522447	TOLEDO TELEPHONE CO	2,386	2,640	3,410	3,623	10.67%	29.15%	6.25%
522451	WESTERN WAHAKIAKUM	1,205	1,476	1,832	1,998	22.49%	24.12%	9.06%
522452	WHIDBEY TEL CO	5,705	10,184	14,160	24,540	78.51%	39.04%	73.31%
522453	YELM TELEPHONE CO	6,788	9,687	12,585	15,485	42.72%	29.92%	23.04%
200278	CONTEL OF WV	43,402	49,875	47,126	63,882	14.91%	-5.51%	35.55%
200259	HARDY TEL CO	2,975	3,450	4,235	5,473	15.99%	22.74%	29.23%
200270	MOUNTAIN STATE TEL	29,430	34,089	39,730	37,736	15.83%	16.55%	-5.02%
330841	CENCOM OF WISCONSIN	20,692	20,790	24,129	32,846	0.48%	16.06%	36.12%
330859	CENTRAL STATE TEL CO	6,488	10,211	9,727	12,334	57.37%	-4.73%	26.80%
330895	CENTURY OF WISCONSIN	87,730	105,552	140,910	135,877	20.31%	33.50%	-3.57%
330860	CHEQUAMEGON TEL COOP	7,087	8,616	11,067	12,247	21.57%	28.46%	10.66%
330870	CRANDON TEL CO	1,886	2,126	2,556	3,007	12.73%	20.24%	17.63%
330891	HEADWATERS TEL CO	2,949	4,266	4,314	5,684	44.67%	1.10%	31.77%
330936	INDIANHEAD TEL CO	1,727	2,139	2,377	2,916	23.89%	11.14%	22.65%
330908	MARQUETTE-ADAMS COOP	6,672	6,563	6,829	8,041	-1.64%	4.05%	17.74%
330909	MIDWAY TEL CO	5,937	11,144	11,137	12,457	87.70%	-0.06%	11.85%
330913	MONROE COUNTY TEL CO	14,672	18,280	18,413	23,655	24.59%	0.73%	28.47%
330916	MOUNT HOREB TEL CO	3,013	3,692	4,480	6,742	22.51%	21.36%	50.50%
330917	MT VERNON TEL CO	6,742	7,982	11,009	13,046	18.39%	37.92%	18.50%
330922	NORTH-WEST TEL CO	66,064	85,674	94,339	104,217	29.68%	10.11%	10.47%
330931	PEOPLES TEL CO	4,471	6,131	6,443	8,280	37.15%	5.09%	28.51%
330934	PLATTEVILLE TEL CO	9,827	12,516	13,763	15,518	27.36%	9.96%	12.75%
330937	PRICE COUNTY TEL CO	4,664	5,654	6,423	7,020	21.22%	13.60%	9.30%
330940	RHINELANDER TEL CO	12,657	16,961	19,933	22,307	34.00%	17.52%	11.91%
330952	SE TEL OF WISCONSIN	7,984	8,258	10,015	11,358	3.43%	21.28%	13.41%
330950	SOLOM SPRINGS TEL CO	21,089	26,256	27,810	34,459	24.50%	5.92%	23.91%
330956	UNIVERSAL OF N WISC	12,199	14,712	15,807	20,282	20.60%	7.45%	28.31%
330964	URBAN TEL CORP	12,937	15,999	20,947	27,326	23.67%	30.93%	30.45%
330963	UTELCO, INC	19,014	17,386	21,583	23,163	-8.56%	24.14%	7.32%
330974	WOOD COUNTY TEL CO	21,568	24,077	30,667	34,404	11.63%	27.37%	12.19%
512291	DUBOIS TEL EXCHANGE	3,893	4,024	4,493	5,607	3.34%	11.67%	24.78%
512251	RANGE TEL COOP - WY	3,916	3,946	4,413	6,231	0.77%	11.84%	41.20%
512295	SILVER STAR TEL-WY	2,616	2,842	3,582	3,812	8.64%	26.01%	6.42%
512299	TEL. UTIL. OF WY.	7,431	10,090	10,430	10,000	35.78%	3.38%	-4.12%
512297	UNION TELEPHONE CO	8,631	10,030	11,426	12,725	16.21%	13.92%	11.37%
512290	UTAH-WYOMING TELECOM	917	844	1,083	1,630	-7.94%	28.31%	50.53%
NON-TIER 1 COST COMPANIES		7,623,494	9,458,647	11,011,356	12,973,487	24.07%	16.42%	17.82%
TOTAL COST COMPANIES		262,525,817	295,716,894	319,968,420	333,382,470	12.64%	8.20%	4.19%
AVERAGE SCHEDULE ESTIMATE		3,698,000	4,681,000	5,428,000	6,054,799	26.58%	15.96%	11.55%
TOTAL INDUSTRY		266,223,817	300,397,894	325,396,420	339,437,269	12.84%	8.32%	4.31%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
250293	GTE SOUTH INC. - AL	1,897.0	1,931.2	1,951.0	2,006.4	1.80%	1.02%	2.84%
255181	SO CENTRAL BELL-AL	31,029.5	33,060.4	33,869.3	35,056.4	6.55%	2.45%	3.51%
452302	CONTEL CALIF - AZ	47.5	53.2	63.2	64.2	11.94%	18.80%	1.55%
455101	MOUNTAIN BELL - AZ	29,244.1	32,430.7	32,414.8	32,634.2	10.90%	-0.05%	0.68%
401730	CONTEL OF ARKANSAS	190.0	1,125.4	1,105.8	1,113.9	492.47%	-1.74%	0.73%
402080	GTE SOUTHWEST INC-AR	964.3	985.3	999.0	1,039.4	2.18%	1.39%	4.04%
405211	SOUTHWESTERN BELL-AR	12,407.5	12,660.0	13,017.8	13,305.2	2.04%	2.83%	2.21%
542302	CONTEL OF CALIFORNIA	3,084.7	3,469.1	3,979.5	4,437.0	12.46%	14.71%	11.50%
542319	GTC OF CALIFORNIA	48,934.0	49,690.0	49,519.0	50,038.7	1.54%	-0.34%	1.05%
545170	PACIFIC BELL	205,260.2	212,348.6	220,190.3	226,410.2	3.45%	3.69%	2.82%
542344	WEST COAST TEL OF CA	104.8	115.2	117.0	117.5	9.93%	1.53%	0.45%
465102	MOUNTAIN BELL-CO	30,464.9	33,075.0	32,817.4	35,020.9	8.57%	-0.78%	6.71%
135200	SOUTHERN NEW ENGLAND	32,920.5	33,983.1	32,644.6	34,116.0	3.23%	-3.94%	4.51%
575020	C & P TEL CO OF WASH	16,569.2	15,789.0	16,367.3	15,856.0	-4.71%	3.66%	-3.12%
565010	DIAMOND STATE TEL	6,586.0	7,101.0	7,526.3	7,616.0	7.82%	5.99%	1.19%
210340	CENTEL OF FLORIDA	3,695.1	4,037.4	4,421.8	4,645.5	9.26%	9.52%	5.06%
210328	GTE FLORIDA INC.	23,494.0	24,242.0	24,304.0	23,711.7	3.18%	0.26%	-2.44%
215191	SOUTHERN BELL-FL	70,926.8	78,843.6	84,343.5	86,435.7	11.16%	6.98%	2.48%
210341	UTC OF FLORIDA	11,282.8	11,746.3	12,718.3	13,760.5	4.11%	8.28%	8.19%
220479	GTE SOUTH INC. - GA	3,098.3	3,282.8	3,370.0	3,411.8	5.96%	2.66%	1.24%
225192	SOUTHERN BELL-GA	53,872.6	58,923.0	62,989.9	63,312.1	9.37%	6.90%	0.51%
623100	GTE HAWAIIAN TEL. CO	9,466.9	9,994.9	9,944.0	9,860.1	5.58%	-0.51%	-0.84%
472416	GTE NORTHWEST INC-ID	954.9	1,022.0	1,024.0	1,037.5	7.02%	0.20%	1.31%
475103	MOUNTAIN BELL-ID	4,755.9	5,094.7	5,247.2	5,468.1	7.12%	2.99%	4.21%
475162	PACIFIC NW BELL-ID	377.7	414.1	429.0	450.0	9.64%	3.60%	4.90%
340985	CENTEL OF ILLINOIS	2,745.3	3,049.1	3,054.2	3,303.1	11.07%	0.17%	8.15%
341015	GTE NORTH INC. - IL	7,594.3	7,864.0	7,946.0	8,013.9	3.55%	1.04%	0.85%
345070	ILLINOIS BELL TEL CO	93,248.8	97,140.2	100,655.0	103,744.9	4.17%	3.62%	3.07%
320772	GTE NORTH INC. - IN	9,171.7	9,279.5	9,382.0	9,433.1	1.18%	1.10%	0.54%
325080	INDIANA BELL TEL CO	28,830.5	30,349.9	31,528.5	30,941.8	5.27%	3.88%	-1.86%
320832	UTC OF INDIANA	2,146.1	2,265.1	2,403.2	2,494.9	5.55%	6.09%	3.82%
351207	CONTEL IA DBA GTE IA	1,551.9	1,565.0	881.7	948.0	0.84%	-43.66%	7.52%
351186	GTE NORTH INC. - IA	1,205.8	1,280.6	1,279.0	1,280.7	6.20%	-0.12%	0.14%
355141	NORTHWESTERN BELL-IA	14,349.6	15,120.8	15,197.7	15,931.6	5.37%	0.51%	4.83%
415214	SOUTHWESTERN BELL-KS	16,366.1	17,253.0	17,827.4	18,104.7	5.42%	3.33%	1.56%
411842	UTC OF KANSAS	746.8	789.3	880.6	885.6	5.69%	11.57%	0.56%
265061	CINCINNATI BELL-KY	2,727.9	2,863.9	2,833.8	2,884.0	4.99%	-1.05%	1.77%
260407	GTE SOUTH INC. - KY	5,380.9	5,761.2	5,924.0	5,995.9	7.07%	2.82%	1.21%
265182	SO CENTRAL BELL-KY	18,171.0	19,053.6	19,292.5	19,627.7	4.86%	1.25%	1.74%
275183	SO CENTRAL BELL-LA	36,641.5	38,283.7	40,034.5	41,081.3	4.48%	4.57%	2.61%
105111	NEW ENGLAND TEL-ME	7,281.0	7,492.6	7,715.3	6,930.8	2.91%	2.97%	-10.17%
185030	C & P TEL CO OF MD	51,025.0	54,584.0	58,480.7	57,960.3	6.98%	7.14%	-0.89%
115112	NEW ENGLAND TEL-MA	60,224.4	64,575.9	64,102.5	61,320.7	7.23%	-0.73%	-4.34%
310695	GTE NORTH INC. - MI	6,830.9	7,222.5	7,221.0	7,375.1	5.73%	-0.02%	2.13%
315090	MICHIGAN BELL TEL CO	75,615.6	81,405.9	85,571.7	81,952.0	7.66%	5.12%	-4.23%
361367	CENTEL OF MN	1,070.0	1,151.6	1,199.1	1,246.6	7.62%	4.13%	3.96%
361186	GTE NORTH INC. - MN	33.7	34.7	35.0	36.6	3.16%	0.79%	4.55%
365142	NORTHWESTERN BELL-MN	29,721.0	32,090.4	31,718.3	32,666.3	7.97%	-1.16%	2.99%
361456	UTC OF MINNESOTA	1,293.7	1,408.5	1,497.3	1,547.0	8.88%	6.30%	3.32%
285184	SO CENTRAL BELL-MS	18,594.2	19,821.5	20,439.7	21,245.9	6.60%	3.12%	3.94%
421186	GTE NORTH INC. - MO	1,378.5	1,434.8	1,437.0	1,436.8	4.08%	0.16%	-0.02%
425213	SOUTHWESTERN BELL-MO	38,974.5	40,215.2	40,237.8	41,883.2	3.18%	0.06%	4.09%
421957	UTC OF MISSOURI	2,095.6	2,230.2	2,347.5	2,475.9	6.42%	5.26%	5.47%
482416	GTE NORTHWEST INC-MT	82.2	78.8	79.0	90.3	-4.08%	0.21%	14.29%
485104	MOUNTAIN BELL-MT	4,227.1	4,650.9	4,883.7	4,899.9	10.03%	5.01%	0.33%
371186	GTE NORTH INC. - NE	531.0	535.7	534.0	537.0	0.88%	-0.32%	0.55%
371568	LINCOLN TEL & TEL CO	3,159.6	3,246.0	3,296.1	3,397.8	2.73%	1.54%	3.09%
375143	NORTHWESTERN BELL-NE	8,053.1	8,526.1	7,991.4	8,263.1	5.87%	-6.27%	3.40%
371595	UTC OF THE WEST-NE	310.1	327.9	342.6	345.4	5.74%	4.48%	0.83%
552348	CENTEL OF NV	5,597.8	7,103.1	7,442.2	7,940.1	26.89%	4.77%	6.69%
552302	CONTEL OF CALIF-NV	191.8	220.0	250.2	265.3	14.69%	13.73%	6.06%
555173	NEVADA BELL	2,843.6	3,085.0	3,142.7	3,269.0	8.49%	1.87%	4.02%
125113	NEW ENGLAND TEL-NH	8,168.2	8,791.2	8,763.1	8,264.1	7.63%	-0.32%	-5.69%
165120	NEW JERSEY BELL	78,623.0	84,471.0	87,216.0	86,843.1	7.44%	3.25%	-0.43%
160138	UNITED TEL - NJ, INC	1,793.7	1,972.8	1,884.0	2,036.7	9.99%	-4.50%	8.11%
492080	GTE SOUTHWEST INC-NM	557.0	532.5	537.0	550.5	-4.39%	0.84%	2.51%
495105	MOUNTAIN BELL-NM	9,749.9	10,369.5	11,258.8	11,629.4	6.35%	8.58%	3.29%
150096	CONTEL OF NY, INC	2,979.0	2,758.7	2,946.1	3,053.2	-7.40%	6.80%	3.63%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
155130	NEW YORK TEL CO	178,172.4	186,379.1	188,768.0	193,622.4	4.61%	1.28%	2.57%
150119	RED HOOK TEL CO	161.4	172.5	181.5	176.0	6.91%	5.18%	-3.04%
150121	ROCHESTER TEL CORP	7,398.5	7,969.9	8,528.8	8,893.5	7.72%	7.01%	4.28%
150136	WESTERN COUNTIES TEL	241.6	249.1	274.8	285.0	3.10%	10.30%	3.70%
230470	CAROLINA TEL & TEL	12,103.9	12,708.0	13,478.6	12,944.3	4.99%	6.06%	-3.96%
230471	CENTEL OF NC	3,149.1	3,250.3	3,336.8	3,603.7	3.22%	2.66%	8.00%
230479	GTE SOUTH INC - NC	2,253.7	2,510.6	2,592.0	2,623.3	11.40%	3.24%	1.21%
235193	SOUTHERN BELL-NC	28,363.6	30,293.5	32,857.6	32,774.4	6.80%	8.46%	-0.25%
385144	NORTHWESTERN BELL-ND	3,696.4	3,936.0	3,756.9	3,771.1	6.48%	-4.55%	0.38%
300630	CENTEL OF OHIO	985.0	1,029.5	1,174.9	1,247.2	4.52%	14.12%	6.15%
305062	CINCINNATI BELL-OH	13,828.3	14,837.1	14,891.4	15,185.6	7.30%	0.37%	1.98%
300615	GTE NORTH INC. - OH	9,932.3	10,243.5	10,529.0	10,502.2	3.13%	2.79%	-0.25%
305150	OHIO BELL TEL CO	61,979.2	64,894.8	65,059.8	68,704.5	4.70%	0.25%	5.60%
300661	UTC OF OHIO	6,258.0	5,878.8	6,584.7	7,312.2	-6.06%	12.01%	11.05%
432080	GTE SOUTHWEST INC-OK	1,451.1	1,444.0	1,487.0	1,639.1	-0.49%	2.98%	10.23%
435215	SOUTHWESTERN BELL-OK	21,125.8	21,548.0	21,952.5	22,782.5	2.00%	1.88%	3.78%
532416	GTE NORTHWEST INC-OR	3,911.2	4,056.4	4,029.0	4,083.7	3.71%	-0.68%	1.36%
535163	PACIFIC NW BELL-OR	14,681.3	15,949.0	16,177.9	17,227.1	8.64%	1.43%	6.49%
532400	UTC OF THE NW - OR	530.2	568.3	609.8	632.3	7.18%	7.30%	3.69%
175000	BELL OF PENNSYLVANIA	89,469.0	93,819.0	99,501.5	102,907.5	4.86%	6.06%	3.42%
170169	GTE NORTH INC. - PA	7,002.3	7,409.3	7,421.0	7,433.1	5.81%	0.16%	0.16%
170209	UTC OF PENNSYLVANIA	3,708.5	3,901.5	3,923.3	4,173.8	5.20%	0.56%	6.39%
633201	PUERTO RICO TEL CO	9,692.3	11,362.8	11,758.4	12,259.7	17.24%	3.48%	4.26%
585114	NEW ENGLAND TEL - RI	8,526.6	8,736.8	9,348.2	9,469.8	2.47%	7.00%	1.30%
240479	GTE SOUTH INC. - SC	2,178.1	2,270.4	2,281.0	2,319.3	4.24%	0.47%	1.68%
245194	SOUTHERN BELL-SC	20,642.1	22,140.1	23,722.6	23,754.4	7.26%	7.15%	0.13%
240506	UTC OF THE CAROLINAS	1,113.8	1,218.2	1,062.3	1,196.7	9.38%	-12.80%	12.65%
395145	NORTHWESTERN BELL-SD	3,507.6	3,717.9	3,613.4	3,858.9	5.99%	-2.81%	6.79%
290479	GTE SOUTH INC. - TN	776.0	820.2	822.0	852.7	5.71%	0.22%	3.74%
295185	SO. CENTRAL BELL -TN	41,024.8	42,948.6	42,445.6	44,426.1	4.69%	-1.17%	4.67%
290567	UNITED INTER-MT-TN	3,238.0	3,430.2	3,038.0	3,504.7	5.94%	-11.43%	15.36%
442114	CENTEL OF TEXAS	1,905.4	2,213.0	2,294.0	2,393.3	16.14%	3.66%	4.33%
442154	CONTEL OF TEXAS	2,021.3	1,998.0	2,130.1	2,258.1	-1.15%	6.61%	6.01%
442080	GTE SOUTHWEST INC-TX	16,885.4	16,928.9	17,291.0	18,321.1	0.26%	2.14%	5.96%
445216	SOUTHWESTERN BELL-TX	123,472.0	127,996.0	134,457.7	139,987.1	3.66%	5.05%	4.11%
442084	UTC OF TEXAS INC	1,263.4	1,340.5	1,429.1	1,369.7	6.11%	6.61%	-4.16%
505107	MOUNTAIN BELL-UT	12,667.3	13,721.5	14,282.3	14,558.9	8.32%	4.09%	1.94%
145115	NEW ENGLAND TEL-VT	3,421.8	3,611.5	3,942.9	3,022.2	5.55%	9.18%	-23.35%
195040	C & P TEL CO OF VA	45,932.0	48,911.0	51,563.3	52,501.8	6.49%	5.42%	1.82%
190254	CENTEL OF VIRGINIA	3,250.3	3,461.9	3,687.7	3,924.6	6.51%	6.52%	6.42%
190233	CONTEL OF VIRGINIA	5,362.9	5,649.0	6,093.2	6,793.4	5.33%	7.86%	11.49%
190479	GTE SOUTH INC. - VA	547.9	577.4	575.0	580.0	5.38%	-0.41%	0.87%
190567	UNITED INTER-MT-VA	1,254.0	1,364.7	1,459.3	1,550.3	8.83%	6.93%	6.24%
522416	GTE NORTHWEST INC-WA	7,389.7	8,370.5	8,482.0	8,441.7	13.27%	1.33%	-0.47%
525161	PACIFIC NW BELL-WA	28,300.7	30,162.1	31,036.7	33,664.1	6.58%	2.90%	8.47%
522400	UTC OF THE NW-WA	561.2	551.2	592.5	692.2	-1.78%	7.49%	16.83%
205050	C & P TEL CO OF WV	12,858.0	12,966.0	13,169.8	13,729.6	0.84%	1.57%	4.25%
200479	GTE SOUTH INC. - WV	1,035.5	1,086.2	1,084.0	1,090.7	4.89%	-0.20%	0.62%
330886	GTE NORTH INC. - WI	4,122.6	4,382.6	4,490.0	4,525.3	6.31%	2.45%	0.79%
335220	WISCONSIN BELL	26,443.9	28,931.3	29,760.8	30,462.4	9.41%	2.87%	2.36%
515108	MOUNTAIN BELL-WY	2,858.5	3,099.0	3,056.7	3,214.1	8.41%	-1.36%	5.15%
511595	UTC OF THE WEST-WY	67.0	73.1	74.7	75.7	9.07%	2.26%	1.37%
TIER 1 COST COMPANIES		2,126,235.4	2,244,762.9	2,313,224.9	2,362,381.4	5.57%	3.05%	2.13%
250302	ALLTEL ALABAMA	N/A	N/A	281.6	275.4	N/A	N/A	-2.19%
250284	BUTLER TEL CO	58.9	64.6	77.1	84.4	9.79%	19.21%	9.56%
250281	CONTEL OF THE SOUTH	1,347.5	1,410.4	1,440.3	1,641.2	4.67%	2.12%	13.95%
250297	GROVE HILL TEL CORP	25.2	26.0	29.3	30.3	3.12%	12.73%	3.26%
250298	GULF TEL CO - AL	264.7	302.0	280.9	347.7	14.10%	-6.99%	23.79%
250300	HOPPER TEL. CO INC	34.3	35.3	38.0	42.1	3.06%	7.58%	10.66%
250304	MILLRY TEL CO	65.6	70.4	76.2	82.0	7.27%	8.21%	7.72%
250306	MONROEVILLE TEL CO	158.8	208.6	199.7	233.7	31.40%	-4.29%	17.06%
250314	PEOPLES TEL CO	145.0	159.9	175.7	188.1	10.33%	9.82%	7.10%
250316	RAGLAND TEL CO	12.7	13.9	14.6	15.3	9.17%	5.50%	4.54%
250318	SOUTHLAND TEL CO-AL	171.9	196.2	204.0	155.9	14.15%	3.98%	-23.57%
613000	ANCHORAGE TEL UTIL	2,241.5	2,319.1	2,361.1	2,483.5	3.46%	1.81%	5.18%
613001	ARCTIC SLOPE TEL	25.6	28.1	32.0	40.4	9.75%	13.96%	26.29%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
613003	BRISTOL BAY TEL COOP	10.3	12.0	13.5	14.6	17.12%	12.48%	7.87%
613004	BUSH-TELL INC.	5.6	6.0	6.4	7.5	7.68%	5.38%	18.01%
613006	COPPER VALLEY TEL	35.0	41.1	78.0	48.9	17.36%	89.72%	-37.39%
613007	CORDOVA TEL COOP	16.1	17.7	23.3	20.1	9.51%	32.08%	-13.98%
613008	FAIRBANKS MUNICIPAL	N/A	441.7	469.8	504.1	N/A	6.35%	7.30%
613010	GLACIER STATE TEL CO	417.5	434.9	470.6	541.2	4.16%	8.22%	15.01%
613009	GTE ALASKA INC.	153.8	158.7	160.6	161.1	3.15%	1.22%	0.29%
613011	INTERIOR TEL CO INC	25.9	31.9	37.0	44.8	23.42%	15.88%	20.93%
613012	JUNEAU & DOUGLAS TEL	227.1	219.5	249.9	305.2	-3.32%	13.81%	22.14%
613013	KETCHIKAN PUBLIC UT	N/A	102.7	116.5	124.4	N/A	13.45%	6.72%
613015	MATANUSKA TEL ASSOC	411.6	375.4	428.4	467.7	-8.78%	14.12%	9.17%
613016	MUKLUK TEL CO INC	5.6	6.2	6.9	7.4	11.14%	10.36%	6.72%
613018	NUSHAGAK TEL COOP	16.9	19.8	21.1	21.5	17.35%	6.78%	1.94%
613019	OTZ TEL COOPERATIVE	21.7	23.0	28.2	28.7	5.99%	22.70%	1.77%
613020	SITKA TELEPHONE CO	89.9	98.4	110.9	119.5	9.47%	12.65%	7.82%
613022	TEL UTIL OF ALASKA	27.0	35.4	41.4	49.5	30.89%	17.10%	19.44%
613023	UNITED UTILITIES INC	N/A	40.1	44.3	47.2	N/A	10.28%	6.58%
613025	YUKON TEL CO INC	3.6	3.9	4.3	4.8	8.47%	11.64%	11.95%
452171	ARIZONA TELEPHONE CO	11.0	11.4	13.3	15.6	3.59%	15.85%	17.58%
452172	CITIZENS UTILITIES	434.0	471.7	514.2	560.2	8.70%	9.01%	8.94%
452177	CONTEL OF WEST-AZ	245.7	254.3	274.2	279.8	3.51%	7.81%	2.03%
452275	NAVAJO COMMUN-AZ	83.4	95.9	107.1	111.6	14.99%	11.65%	4.24%
452173	PAPAGO TRIBAL UTIL.	N/A	5.5	12.3	15.3	N/A	125.78%	23.74%
452175	UNIVERSAL TEL OF SW	10.6	11.6	12.0	12.0	9.07%	4.01%	-0.08%
452176	VALLEY TEL COOP-AZ	17.0	21.5	24.4	28.1	25.90%	13.92%	15.04%
401691	ALLTEL ARKANSAS INC	876.2	910.1	952.2	998.8	3.88%	4.62%	4.89%
401692	ARKANSAS TEL CO	65.4	72.4	76.3	81.9	10.70%	5.41%	7.29%
401697	CENTRAL ARKANSAS TEL	25.9	28.0	30.7	36.1	8.25%	9.36%	17.65%
401705	CENTURY OF ARKANSAS	139.8	151.5	160.5	174.6	8.44%	5.91%	8.80%
401698	CLEVELAND COUNTY TEL	23.7	26.3	30.2	35.9	10.96%	14.82%	18.62%
401699	DECATUR TEL CO INC	7.5	7.8	9.0	9.9	3.57%	16.55%	9.17%
401709	MADISON COUNTY TEL	31.9	31.4	31.8	34.9	-1.76%	1.18%	9.78%
401711	MOUNTAIN HOME TEL	136.4	143.0	146.5	158.8	4.83%	2.43%	8.41%
401713	NORTH ARKANSAS TEL	42.6	47.2	47.7	52.6	10.93%	0.92%	10.31%
401717	PERCO TELEPHONE CO	N/A	N/A	28.8	33.4	N/A	N/A	16.01%
401720	REDFIELD TEL CO	14.3	16.9	15.7	16.6	17.85%	-7.08%	6.06%
401702	SOUTH ARKANSAS TEL	38.1	41.2	45.7	45.9	8.26%	10.76%	0.60%
401726	TRI-COUNTY TEL CO-AR	55.7	64.2	66.7	67.8	15.21%	3.93%	1.61%
401727	UNION TEL CO INC	4.9	11.2	12.3	13.1	126.91%	9.61%	6.48%
401729	WALNUT HILL TEL CO	49.8	53.3	55.4	58.1	6.89%	3.97%	4.91%
401733	YELCOT TEL CO INC	32.7	36.2	36.3	36.3	10.84%	0.28%	-0.09%
401734	YELL COUNTY TEL CO	49.0	51.7	51.3	50.5	5.58%	-0.79%	-1.49%
542304	C P NATIONAL CORP-CA	116.0	124.4	125.0	141.2	7.23%	0.48%	12.92%
542301	CALAVERAS TEL CO	11.8	14.9	19.4	22.0	25.49%	30.51%	13.34%
542311	CALIF-OREGON TEL CO	19.2	22.6	22.1	23.2	17.70%	-2.48%	5.06%
542308	CITIZENS UTIL OF CA	697.0	834.4	935.1	1,058.3	19.71%	12.07%	13.17%
542313	DUCOR TELEPHONE CO	5.2	5.7	6.0	6.2	8.57%	5.42%	3.66%
542315	EVANS TEL CO.	78.2	97.8	106.5	119.3	25.07%	8.98%	11.99%
542318	FORESTHILL TEL CO.	N/A	17.6	21.5	22.9	N/A	22.08%	6.40%
542321	HAPPY VALLEY TEL CO	N/A	34.7	38.9	40.9	N/A	12.00%	5.12%
542322	HORNITOS TEL CO	N/A	4.1	3.4	3.6	N/A	-17.30%	7.11%
542324	KERMAN TELEPHONE CO	57.5	65.0	69.0	73.8	12.95%	6.18%	7.05%
542346	PINNACLES TEL CO	2.5	2.2	2.8	3.4	-10.13%	25.48%	21.47%
542334	ROSEVILLE TEL CO	798.3	994.6	1,088.1	1,265.1	24.59%	9.40%	16.27%
542338	SIERRA TELEPHONE CO	N/A	133.2	160.2	159.6	N/A	20.26%	-0.34%
542332	THE PONDEROSA TEL CO	50.5	53.1	61.2	65.7	5.11%	15.27%	7.44%
542339	THE SISKIYOU TEL CO	33.0	34.7	39.1	41.7	5.01%	12.64%	6.76%
542343	THE VOLCANO TEL CO	61.7	67.2	60.9	67.6	8.86%	-9.33%	11.00%
542342	TUOLUMNE TEL CO	40.8	45.4	45.6	55.8	11.17%	0.50%	22.34%
542323	WINTERHAVEN TEL. CO.	N/A	N/A	10.4	11.3	N/A	N/A	8.75%
462192	BIG SANDY TELCOMM	7.0	6.9	7.1	7.6	-1.59%	3.15%	5.91%
462181	BIJOU TEL COOP ASSOC	9.8	10.2	10.3	11.4	3.68%	0.60%	11.53%
462182	BLANCA TEL CO	4.0	2.3	2.5	5.7	-42.23%	6.38%	130.69%
462204	COLUMBINE TEL CO	7.0	5.6	4.7	5.1	-21.00%	-15.05%	7.44%
462184	DELTA COUNTY TEL CO	73.7	78.5	80.6	84.9	6.49%	2.74%	5.34%
462185	EAGLE TELECOMMUN INC	46.5	61.3	66.8	75.5	31.71%	9.07%	12.90%
462186	EASTERN SLOPE RURAL	44.8	42.1	41.6	43.7	-6.02%	-1.16%	5.09%
462187	EL PASO COUNTY TEL	21.5	25.1	26.1	27.6	16.63%	3.90%	5.93%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
462188	FARMERS TEL CO - CO	2.7	2.5	2.8	3.3	-5.11%	12.15%	15.02%
462190	HAXTUN TEL CO	14.2	14.0	13.3	12.3	-1.86%	-5.08%	-6.99%
462193	NUCLA-NATURITA TEL	10.6	10.1	10.4	10.6	-4.67%	2.30%	2.49%
462194	NUNN TEL CO	2.4	2.7	2.1	2.4	12.93%	-21.24%	11.29%
462196	PEETZ COOP TEL CO	2.3	2.4	2.6	2.3	7.42%	5.60%	-8.64%
462199	PLAINS COOP TEL ASSN	14.8	15.2	16.5	17.4	2.65%	8.22%	5.96%
462203	RYE TELEPHONE CO	13.1	14.3	15.0	16.6	9.53%	4.87%	10.73%
462207	STRASBURG TEL CO	8.8	8.7	9.1	9.9	-1.39%	5.31%	8.53%
461835	SUNFLOWER TEL - CO	3.2	3.4	3.2	3.3	5.84%	-7.17%	2.40%
462208	UNIVERSAL TEL CO -CO	48.9	51.1	49.7	53.0	4.44%	-2.63%	6.55%
462209	WIGGINS TEL ASSOC	11.3	11.3	12.2	14.2	-0.44%	7.88%	16.35%
210336	ALLTEL FLORIDA INC.	613.0	686.8	802.0	900.2	12.05%	16.78%	12.24%
210291	FLORALA TEL CO	18.1	22.4	23.3	24.8	23.61%	4.06%	6.50%
210329	GULF TEL CO	107.6	119.3	129.2	135.2	10.96%	8.26%	4.61%
210331	INDIANTOWN SYSTEM	23.5	28.5	28.0	31.4	21.67%	-1.92%	12.30%
210335	NORTHEAST FLORIDA	63.3	70.4	81.8	80.7	11.31%	16.07%	-1.23%
210338	QUINCY TEL CO-FL DIV	147.1	157.2	168.3	179.7	6.87%	7.07%	6.78%
210318	SOUTHLAND TEL-FL	42.4	50.8	58.5	73.6	19.84%	14.98%	25.83%
210339	ST JOSEPH TEL & TEL	237.9	249.2	269.0	286.8	4.76%	7.97%	6.62%
210330	VISTA-UNITED TELCOM	125.4	179.4	203.2	238.5	43.10%	13.26%	17.38%
220357	ALLTEL GEORGIA INC.	N/A	N/A	793.6	933.4	N/A	N/A	17.62%
220344	ALMA TEL CO	73.6	76.0	82.6	82.6	3.33%	8.65%	0.00%
220347	BRANTLEY TEL CO	39.6	41.6	46.8	51.8	5.01%	12.33%	10.81%
220351	CAMDEN TEL & TEL CO	135.1	154.7	175.8	200.5	14.54%	13.61%	14.05%
220355	CITIZENS TEL CO - GA	58.3	60.0	62.0	70.5	2.99%	3.23%	13.74%
220356	COASTAL UTILITIES	289.0	315.1	346.6	382.7	9.03%	10.01%	10.40%
220281	CONTEL OF SOUTH - GA	703.0	852.9	946.5	1,089.9	21.32%	10.98%	15.15%
220358	DARIEN TEL CO	42.8	45.8	48.6	51.3	7.05%	6.00%	5.57%
220360	ELLIJAY TEL CO	82.1	84.3	94.0	97.7	2.65%	11.56%	3.89%
220371	INTERSTATE TEL CO	186.0	188.4	196.9	216.2	1.31%	4.50%	9.78%
220377	PINELAND TEL COOP	119.7	125.1	128.1	131.3	4.54%	2.40%	2.47%
220379	PLANT TEL. CO.	96.7	102.2	107.8	113.9	5.66%	5.48%	5.67%
220381	PUBLIC SERVICE TEL	114.4	122.3	126.2	138.0	6.88%	3.20%	9.36%
220338	QUINCY TEL CO-GA DIV	12.4	13.2	13.5	14.6	5.89%	2.29%	8.88%
220386	STANDARD TEL CO	505.4	560.9	549.1	603.3	10.98%	-2.10%	9.87%
220392	WAVERLY HALL TEL CO	10.1	9.9	11.0	12.1	-1.96%	10.27%	9.99%
220394	WILKES TEL & ELC CO	127.3	134.2	144.0	140.1	5.37%	7.31%	-2.72%
472213	ALBION TEL CO INC	11.0	10.9	12.1	13.8	-1.32%	10.91%	14.24%
472215	CAMBRIDGE TEL CO	7.2	7.4	9.3	9.2	3.76%	24.73%	-0.60%
472225	CENTURY TEL OF IDAHO	30.1	36.5	37.7	40.2	21.18%	3.15%	6.74%
472177	CONTEL OF WEST-ID	123.1	130.5	138.8	149.9	5.98%	6.34%	8.05%
472218	CUSTER TEL COOP	15.7	16.5	17.5	20.2	5.21%	5.92%	15.36%
472223	GEM STATE UTIL-ID	11.3	12.3	13.5	12.8	8.04%	9.97%	-4.84%
472423	INLAND TEL-ID	2.4	2.5	2.1	2.2	6.53%	-15.07%	2.17%
472226	MIDVALE TEL EXCH INC	1.5	1.5	3.2	3.4	0.74%	114.62%	6.97%
472231	PROJECT MUTUAL TEL	102.0	98.2	106.0	116.3	-3.70%	7.94%	9.73%
472232	ROCKLAND TEL CO INC	3.6	3.8	4.1	4.5	7.94%	8.05%	7.68%
472233	RURAL TEL CO - ID	1.2	1.4	1.5	1.5	9.64%	7.24%	3.31%
472295	SILVER STAR TEL- ID	3.0	3.3	3.4	3.9	8.08%	4.76%	12.50%
472234	TROY TELEPHONE CO	6.2	6.8	7.1	8.8	9.32%	4.57%	24.65%
341000	ALLTEL ILLINOIS INC.	516.1	495.1	500.2	541.3	-4.06%	1.02%	8.22%
341036	CONTEL OF ILLINOIS	1,950.8	2,023.7	2,098.3	2,230.9	3.74%	3.68%	6.32%
341004	EL PASO TEL CO	17.0	18.7	19.6	21.3	9.70%	4.78%	8.75%
341023	GRIDLEY TEL CO	11.9	11.8	11.9	12.8	-0.94%	0.72%	7.31%
341037	IL CONSOLIDATED TEL	975.8	1,045.4	1,059.5	1,125.3	7.14%	1.34%	6.21%
341038	INLAND TEL CO	44.0	44.3	46.2	49.9	0.76%	4.24%	8.05%
341045	LEAF RIVER VLY TEL	4.9	5.4	5.7	5.9	9.28%	7.26%	2.18%
341055	MIDLAND TEL CO	43.1	44.7	44.5	46.8	3.83%	-0.54%	5.20%
341060	MOULTRIE INDEPENDENT	7.1	7.3	7.8	7.8	2.14%	7.50%	-0.10%
320753	CLAY CTY RURAL COOP	104.4	112.3	119.6	133.5	7.58%	6.48%	11.65%
320776	COMM CORP OF INDIANA	N/A	82.8	128.1	143.1	N/A	54.60%	11.73%
320779	CONTEL OF INDIANA	1,840.3	2,050.0	2,173.5	2,327.7	11.39%	6.02%	7.10%
320797	NEW PARIS TEL INC	19.3	22.1	22.6	25.3	15.05%	2.21%	11.97%
320800	NORTHWESTERN INDIANA	110.7	115.4	121.7	130.4	4.25%	5.51%	7.15%
351346	ACE TEL ASSN-IA	31.8	40.8	45.6	54.8	28.17%	11.96%	20.09%
351105	AYRSHIRE FARMERS MUT	3.1	3.2	3.5	3.3	5.29%	6.98%	-5.63%
351110	BERNARD TEL CO INC	6.0	6.0	6.0	7.2	0.50%	0.90%	18.54%
351127	CENDEL OF IOWA	N/A	600.9	608.9	638.1	N/A	1.34%	4.78%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
351888	GRAND RIVER MUT-IA	66.5	70.4	74.5	67.2	5.88%	5.69%	-9.70%
351229	LOST NATION-ELWOOD	7.8	6.3	6.4	8.4	-19.06%	1.32%	30.97%
351316	UNITED FARMERS TEL	N/A	6.5	6.8	6.6	N/A	4.93%	-3.97%
351327	WEBB-DICKENS TEL	4.0	4.2	4.5	4.3	5.11%	6.26%	-2.54%
411741	ASSARIA TEL EXCHANGE	5.1	5.4	5.8	6.7	6.72%	7.87%	13.85%
411746	BLUE VALLEY TEL CO	25.3	25.5	25.5	26.3	1.02%	-0.05%	3.21%
411818	CRAW-KAN TEL COOP	125.2	130.6	132.4	137.6	4.32%	1.33%	3.94%
411761	CUNNINGHAM TEL CO	14.5	13.6	14.0	14.7	-6.14%	3.10%	4.44%
411764	ELKHART TEL CO INC	15.0	14.6	14.9	16.3	-2.53%	2.15%	9.27%
411781	H & B COMMUNICATIONS	8.5	8.5	8.5	9.1	0.22%	0.02%	6.80%
411782	HOME TEL CO	12.7	13.1	14.3	12.1	3.09%	9.18%	-14.93%
411785	J. B. N. TEL CO INC	22.4	28.7	23.2	24.1	28.00%	-19.22%	3.76%
411788	KANOKLA TEL ASSN-KS	20.5	21.5	21.4	17.8	5.09%	-0.83%	-16.70%
411801	MADISON TEL CO INC	6.8	7.1	7.2	7.6	4.41%	0.97%	5.70%
411807	MOKAN DIAL INC-KS	20.2	23.2	25.1	24.1	14.71%	8.30%	-4.35%
411808	MOUNDRIDGE TEL CO	24.0	25.4	24.4	27.0	5.83%	-3.97%	10.51%
411814	PEOPLES MUTUAL TEL	10.6	11.0	10.8	11.2	3.22%	-1.80%	3.85%
411817	PIONEER TEL ASSN INC	N/A	141.0	139.2	157.1	N/A	-1.28%	12.82%
411826	RURAL TEL SERVICE CO	69.7	68.6	70.6	71.0	-1.51%	2.85%	0.58%
411827	S & T TEL COOP ASSN	16.7	15.8	15.9	16.9	-5.60%	0.87%	5.92%
411831	S. CENTRAL TEL - KS	9.9	8.8	9.2	9.6	-10.87%	4.32%	4.00%
411835	SUNFLOWER TEL CO	42.7	48.4	48.2	45.3	13.33%	-0.45%	-5.88%
412030	TOTAH TELEPHONE CO	11.5	11.8	12.3	13.8	2.59%	3.71%	12.44%
411840	TWIN VALLEY TEL INC	19.6	20.3	20.9	20.8	3.48%	2.75%	-0.45%
411841	UNITED TEL ASSN	47.0	50.2	51.8	53.8	6.82%	3.25%	3.71%
411847	WHEAT STATE TEL, INC	19.4	20.2	21.8	22.9	4.52%	7.89%	5.08%
411849	WILSON TEL CO INC	19.1	21.3	22.6	23.6	11.16%	6.30%	4.59%
411852	ZENDA TEL COMPANY	2.3	2.3	2.1	2.3	-2.43%	-6.42%	5.99%
260410	CONTEL OF KENTUCKY	985.6	1,061.3	1,093.6	1,190.7	7.68%	3.04%	8.88%
270431	CADDOAN TEL CO	110.1	133.4	118.4	132.1	21.16%	-11.24%	11.52%
270425	CAMERON TEL CO - LA	76.7	81.5	97.0	103.8	6.14%	19.14%	6.93%
270423	CENTRAL LOUISIANA	201.3	218.1	223.3	241.2	8.37%	2.38%	7.99%
270436	CENTURY NORTH LA	19.6	21.3	86.2	91.4	8.21%	305.47%	6.09%
270440	CENTURY TEL CO	29.7	33.9	33.9	39.2	14.32%	-0.17%	15.81%
270424	COASTAL TEL & ELEC	133.0	140.3	145.4	158.4	5.50%	3.62%	8.95%
270429	EAST ASCENSION TEL	362.5	394.0	419.7	431.9	8.69%	6.54%	2.91%
270430	ELIZABETH TEL CO	33.3	34.3	34.7	37.0	3.09%	1.23%	6.58%
270434	EVANGELINE TEL CO	391.2	410.1	433.3	473.4	4.84%	5.66%	9.24%
270433	LAFOURCHE TEL CO	142.7	148.5	156.3	175.3	4.07%	5.25%	12.16%
270442	LOUISIANA WESTERN	46.2	50.7	52.1	53.4	9.64%	2.75%	2.55%
270435	NORTHEAST LOUISIANA	12.0	15.0	16.3	17.2	24.70%	8.33%	5.73%
270438	RESERVE TEL CO	N/A	N/A	33.5	65.6	N/A	N/A	95.70%
100004	CHINA TEL CORP	N/A	21.4	23.2	25.3	N/A	8.25%	8.98%
100014	CONTEL OF MAINE	363.9	380.0	405.3	420.4	4.43%	6.65%	3.74%
100010	HAMPDEN TEL CO	N/A	30.2	32.9	36.9	N/A	8.93%	12.16%
100011	HARTLAND & ST ALBANS	21.0	25.2	28.1	27.5	20.38%	11.21%	-2.11%
100003	LINCOLNVILLE TEL CO	10.4	12.2	13.1	14.6	16.67%	7.27%	11.76%
100024	SOMERSET TEL CO	69.0	75.0	80.4	86.4	8.77%	7.24%	7.40%
100025	STANDISH TEL CO	N/A	51.5	55.9	64.3	N/A	8.42%	15.03%
100027	UNION RIVER TEL CO	5.1	7.2	6.4	8.5	42.81%	-11.06%	32.52%
100029	UNITY TEL CO., INC.	N/A	31.3	35.3	39.3	N/A	13.07%	11.24%
100031	WARREN TEL CO	10.8	12.1	14.0	14.6	12.58%	15.52%	4.13%
100034	WEST PENOBSCOT TEL	15.1	15.7	17.4	18.7	4.18%	10.38%	7.56%
310704	ACE TEL OF MICHIGAN	21.0	25.5	30.4	33.6	21.29%	19.27%	10.52%
310681	ALLTEL MICHIGAN INC.	485.3	515.5	506.1	518.2	6.22%	-1.83%	2.38%
310679	BLOOMINGDALE TEL CO	13.0	14.3	15.5	17.2	9.81%	8.55%	10.50%
310682	C, C & S TELCO - MI	188.3	202.4	200.7	213.2	7.45%	-0.84%	6.24%
310683	CARR TEL CO	5.9	7.9	9.1	10.0	32.57%	14.99%	10.37%
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	277.3	N/A	N/A	N/A
310702	CENTURY OF MICHIGAN	374.0	419.2	440.7	492.2	12.07%	5.13%	11.70%
310685	CHATHAM TEL CO - MI	22.5	24.1	26.5	26.4	7.37%	10.09%	-0.38%
310680	CHIPPEWA COUNTY TEL	5.7	6.5	7.2	8.1	13.75%	11.59%	11.92%
310713	HIAWATHA TEL CO	30.3	35.8	39.3	42.1	18.10%	9.61%	7.26%
310711	MIDWAY TEL CO	6.4	6.6	5.5	5.8	3.05%	-16.03%	4.45%
310714	OGDEN TEL CO	N/A	4.7	5.0	5.4	N/A	6.63%	7.78%
310717	ONTONAGON COUNTY TEL	40.2	42.9	44.2	44.3	6.50%	3.13%	0.33%
310721	PIGEON TEL CO	24.6	26.1	23.6	23.5	6.03%	-9.40%	-0.42%
310728	SPRINGPORT TEL CO	13.7	15.6	15.7	17.3	13.75%	0.38%	10.39%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
310732	UPPER PENINSULA TEL	31.9	36.2	39.7	40.4	13.33%	9.85%	1.81%
310737	WINN TEL CO	N/A	6.2	6.9	6.1	N/A	11.90%	-12.04%
310738	WOLVERINE TEL CO	93.6	102.9	105.1	108.2	9.94%	2.15%	2.93%
361346	ACE TEL ASSN-MN	104.8	116.5	118.6	131.1	11.12%	1.81%	10.58%
361374	ARROWHEAD COMM CORP	3.6	4.4	4.6	4.5	21.95%	3.83%	-2.86%
361350	ARVIG TEL CO	58.0	71.8	75.0	74.6	23.93%	4.44%	-0.61%
361370	CLARA CITY TEL EXCH	14.2	13.8	14.7	15.2	-2.46%	6.69%	2.91%
361140	CONTEL MN DBA GTE MN	1,118.2	1,196.6	1,216.0	1,272.2	7.01%	1.62%	4.62%
361385	EAST OTTER TAIL TEL	116.7	149.8	176.1	194.3	28.40%	17.55%	10.36%
361395	GARDEN VALLEY TEL CO	140.9	147.1	152.8	160.0	4.40%	3.86%	4.71%
361410	JOHNSON TEL CO	8.8	9.7	10.0	10.6	10.56%	2.91%	5.65%
361414	LAKEDALE TEL CO	81.8	100.2	103.9	110.2	22.51%	3.64%	6.08%
361433	MID STATE TEL CO	59.1	57.8	59.3	72.2	-2.25%	2.54%	21.78%
361442	NEW ULM TELECOM, INC	93.0	101.1	105.9	104.4	8.79%	4.70%	-1.39%
361451	PAUL BUNYAN RURAL	56.0	61.5	63.9	68.5	9.98%	3.75%	7.26%
361483	SLEEPY EYE TEL CO	54.7	55.9	58.7	58.8	2.20%	4.94%	0.22%
361491	TWIN VALLEY-ULEN TEL	35.4	29.2	32.1	34.2	-17.32%	9.68%	6.78%
280453	ALLTEL MISSISSIPPI	N/A	N/A	168.6	169.0	N/A	N/A	0.21%
280446	BAY SPRINGS TEL CO	133.7	142.5	154.5	158.8	6.59%	8.44%	2.77%
280452	DELTA TEL CO	38.5	44.6	55.8	55.8	15.89%	24.90%	0.00%
280454	FRANKLIN TEL CO - MS	89.3	86.5	91.2	93.2	-3.07%	5.42%	2.18%
280458	HOME TEL CO-OLIVE BR	N/A	134.2	156.9	190.8	N/A	16.91%	21.62%
280461	SOUTHEAST MS TEL CO	15.8	45.7	51.1	56.8	188.83%	11.86%	11.08%
421885	ALLTEL MISSOURI	283.9	304.4	306.6	321.8	7.20%	0.74%	4.94%
421865	CITIZENS TEL CO - MO	30.7	30.6	36.8	38.4	-0.38%	20.17%	4.50%
421922	CONTEL OF MISSOURI	1,618.4	1,847.7	2,108.7	2,362.0	14.17%	14.12%	12.01%
421846	CONTINENTAL SYS. -MO	489.9	509.9	506.1	551.2	4.08%	-0.74%	8.92%
421873	EASTERN MISSOURI TEL	24.6	26.4	28.4	31.5	7.53%	7.48%	11.01%
421882	FIDELITY TEL CO	111.7	116.6	115.4	131.4	4.35%	-0.98%	13.81%
421886	GOODMAN TEL CO	13.9	14.1	13.7	15.3	1.31%	-3.35%	12.12%
421888	GRAND RIVER MUT-MO	144.7	150.2	152.3	151.8	3.80%	1.41%	-0.31%
421929	HOLWAY TEL CO	6.8	7.5	7.5	6.3	9.67%	0.00%	-14.93%
421901	KINGDOM TELEPHONE	29.6	30.6	37.4	38.4	3.25%	22.34%	2.73%
421908	LE-RU TELEPHONE CO	9.7	10.3	10.5	10.8	6.22%	2.56%	2.24%
421904	MISSOURI TEL CO	178.7	186.7	193.2	215.6	4.47%	3.48%	11.62%
421807	MOKAN DIAL INC-MO	7.0	8.3	7.5	8.2	18.44%	-10.54%	9.79%
421931	NE MISSOURI RURAL	38.2	40.6	41.9	42.8	6.39%	3.06%	2.11%
421934	ORCHARD FARM TEL CO	6.9	7.1	7.6	8.1	3.64%	6.73%	6.19%
421951	STOUTLAND TEL CO	10.0	10.9	11.2	11.9	8.74%	2.66%	6.36%
482235	BLACKFOOT TEL COOP	48.1	53.3	54.5	56.4	10.78%	2.32%	3.42%
482241	HOT SPRINGS TEL CO	N/A	6.5	4.4	4.3	N/A	-31.82%	-2.43%
482242	INTERBEL TEL COOP	8.9	9.4	11.6	12.8	6.08%	23.33%	10.21%
482244	LINCOLN TEL CO INC	5.3	5.8	6.3	6.5	8.83%	8.57%	4.31%
482246	MID-RIVERS TEL COOP	74.3	76.5	77.7	76.8	3.04%	1.50%	-1.15%
482247	NEMONT TEL COOP-MT	20.1	22.9	23.0	23.8	13.85%	0.63%	3.62%
482248	NORTHERN TEL COOP	14.8	15.8	16.9	15.7	6.44%	7.25%	-7.50%
482249	NW TEL SYSTEMS, INC.	352.6	301.3	456.3	475.3	-14.54%	51.46%	4.16%
482250	PROJECT TEL CO	23.6	25.3	28.8	33.7	7.21%	14.06%	16.84%
482251	RANGE TEL COOP-MT	32.2	33.5	34.7	38.8	3.95%	3.50%	11.89%
482254	SOUTHERN MONTANA TEL	5.6	6.5	6.9	7.7	15.17%	6.16%	11.38%
482257	TRIANGLE TEL COOP	95.5	97.5	101.8	108.2	2.05%	4.42%	6.32%
482258	VALLEY RURAL TEL	6.4	6.8	7.2	7.6	7.04%	5.46%	5.06%
482255	3-RIVERS TEL COOP	80.1	87.1	95.1	99.3	8.82%	9.12%	4.43%
371516	ARAPAHOE TEL CO	10.5	10.5	10.3	11.4	0.14%	-1.90%	11.22%
371517	ARLINGTON TEL CO	10.9	11.5	11.3	11.6	5.26%	-1.56%	2.98%
372455	BENKELMAN TEL CO	N/A	11.7	11.7	12.2	N/A	-0.26%	4.39%
371524	BLAIR TEL CO	67.2	72.9	75.9	85.2	8.58%	4.06%	12.26%
371526	CAMBRIDGE TEL CO -NE	N/A	11.4	11.5	12.0	N/A	0.62%	4.69%
371531	CLARKS TEL CO	6.5	7.6	9.3	9.5	16.47%	23.26%	1.64%
371534	COZAD TEL CO	25.0	26.4	27.0	28.9	5.38%	2.35%	6.97%
371536	CURTIS TEL CO	8.4	8.1	8.2	8.7	-3.31%	0.98%	6.39%
371537	DALTON TEL CO, INC	12.8	14.4	13.9	14.1	12.37%	-3.41%	1.65%
371540	DILLER TEL CO	8.6	8.6	8.0	8.3	-0.00%	-6.91%	4.70%
371542	EASTERN NEBRASKA TEL	26.5	27.8	27.4	28.5	4.70%	-1.24%	3.86%
371577	GREAT PLAINS COMMUN	268.2	276.8	276.6	282.8	3.22%	-0.08%	2.25%
371557	HARTMAN TEL EXCH INC	4.8	4.8	4.6	4.6	0.54%	-3.80%	0.34%
371558	HEMINGFORD COOP TEL	10.7	12.0	12.5	12.6	11.68%	4.77%	0.37%
371567	KEYSTONE-ARTHUR TEL	2.6	2.6	2.6	2.8	-0.78%	-0.21%	6.12%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371574	NEBRASKA CENTRAL TEL	36.4	39.4	69.1	72.1	8.32%	75.19%	4.38%
371580	PETERSBURG TEL CO	4.1	4.4	4.4	4.7	9.43%	-0.27%	6.78%
371586	ROCK COUNTY TEL CO	11.7	13.0	13.1	12.4	11.46%	0.52%	-5.79%
371591	SE NEBRASKA TEL CO	N/A	46.8	51.3	62.2	N/A	9.55%	21.16%
371592	STANTON TEL CO, INC	11.7	12.3	12.7	14.0	5.19%	2.52%	10.50%
371525	THREE RIVER TELCO	12.2	12.3	12.7	13.2	1.07%	2.86%	4.45%
371597	WAUNETA TEL CO	6.1	7.0	7.2	7.1	15.22%	2.47%	-2.26%
552284	BEEHIVE TEL CO - NV	N/A	0.8	1.5	1.3	N/A	90.75%	-13.30%
552349	CHURCHILL COUNTY TEL	91.9	104.3	113.3	125.0	13.42%	8.66%	10.32%
552304	CP NATIONAL-NV	107.2	157.2	175.3	170.7	46.72%	11.47%	-2.62%
552223	GEM STATE UTIL-NV	2.6	3.3	4.1	4.3	25.76%	24.22%	6.23%
552351	LINCOLN CTY TEL SYS	14.4	15.5	16.5	17.8	7.42%	6.49%	7.67%
552353	MOAPA VALLEY TEL CO.	20.8	26.1	29.2	35.4	25.57%	12.07%	21.12%
552354	NEVADA TEL-TELEGRAPH	25.6	28.2	31.3	32.0	9.92%	10.99%	2.28%
552356	RIO VIRGIN TEL CO	10.6	13.4	14.0	17.8	26.50%	4.95%	26.88%
552233	RURAL TEL CO - NV	0.9	3.3	4.6	4.5	260.57%	37.69%	-2.10%
120038	BRETTON WOODS TEL CO	1.1	1.6	2.0	2.1	44.37%	18.68%	6.98%
120040	CHICHESTER TEL CO	N/A	16.5	12.0	16.6	N/A	-27.22%	38.96%
120041	CONTEL OF NH	91.3	103.1	105.7	107.0	12.99%	2.50%	1.26%
120039	GRANITE STATE TEL	63.5	69.0	75.1	80.8	8.68%	8.85%	7.54%
120045	KEARSARGE TEL CO	47.8	54.3	59.6	64.3	13.55%	9.82%	7.84%
120046	MERIDEN TEL CO	4.0	4.6	4.7	5.1	14.88%	3.10%	8.97%
120047	MERRIMAK COUNTY TEL	79.1	86.6	95.8	67.7	9.41%	10.64%	-29.33%
120049	UNION TEL CO	29.2	41.0	48.1	50.6	40.26%	17.29%	5.22%
120050	WILTON TEL CO - NH	25.4	32.0	30.4	30.6	26.05%	-4.86%	0.69%
160135	WARWICK VALLEY-NJ	91.2	98.7	108.0	116.2	8.22%	9.41%	7.54%
492259	BACA VALLEY TEL CO	5.8	6.0	5.8	6.6	3.91%	-3.16%	13.66%
492177	CONTEL OF WEST - NM	276.1	275.8	310.4	321.9	-0.10%	12.53%	3.73%
492066	DELL TEL CO-OP - NM	2.1	2.4	2.4	2.4	14.17%	-0.65%	2.02%
492262	ENMR TEL COOP INC-NM	99.8	96.6	122.1	119.5	-3.23%	26.37%	-2.10%
492263	LA JICARITA RURAL	20.9	21.7	22.5	20.9	3.72%	3.87%	-7.04%
492264	LEACO RURAL TEL COOP	9.4	9.6	9.5	10.1	2.79%	-1.47%	6.05%
492275	NAVAJO COMMUN - NM	30.3	31.6	30.6	32.3	4.32%	-3.25%	5.77%
492270	PENASCO VALLEY TEL	21.0	19.2	19.5	19.6	-8.57%	1.97%	0.04%
492272	ROOSEVELT CNTY RURAL	20.1	20.7	20.6	21.6	2.84%	-0.31%	4.60%
492274	UNIVERSAL TEL OF SW	30.9	34.3	37.1	38.6	10.83%	8.08%	4.02%
492176	VALLEY TEL COOP - NM	11.9	13.2	14.4	15.8	11.13%	9.06%	9.54%
492268	WESTERN NEW MEXICO	44.2	44.6	49.8	53.0	0.83%	11.81%	6.35%
150106	ALLTEL NY-FULTON	155.9	655.4	712.4	717.1	320.52%	8.70%	0.66%
150109	ALLTEL NY-JAMESTOWN	147.4	621.6	703.0	696.7	321.60%	13.08%	-0.89%
150113	ALLTEL NY-RED JACKET	7.1	29.3	31.7	34.5	310.13%	8.27%	8.57%
150072	AU SABLE VALLEY TEL	37.1	53.0	57.3	60.1	43.04%	8.02%	4.98%
150077	CHAMPLAIN TEL CO	48.3	51.5	56.4	45.4	6.61%	9.52%	-19.50%
150078	CHAUTAUQUA & ERIE	97.6	109.0	118.0	119.7	11.74%	8.18%	1.47%
150081	CITIZENS HAMMOND NY	8.4	8.8	9.3	9.8	3.86%	5.71%	5.63%
150085	CROWN POINT TEL CORP	7.4	9.3	10.2	10.8	25.62%	9.97%	5.46%
150091	DUNKIRK & FREDONIA	106.9	113.5	125.0	133.8	6.20%	10.10%	7.11%
150092	EDWARDS TEL CO	17.0	17.8	18.6	18.2	4.41%	4.64%	-2.10%
150093	EMPIRE TEL CORP	55.1	57.0	66.9	73.2	3.33%	17.45%	9.44%
150097	GERMANTOWN TEL CO	21.1	23.1	23.5	24.2	9.63%	1.43%	3.21%
150099	HANCOCK TEL CO	13.4	14.4	15.4	15.7	7.65%	7.07%	2.03%
150100	HIGHLAND TEL CO	817.8	882.6	965.6	1,060.6	7.93%	9.40%	9.84%
150105	MIDDLEBURGH TEL CO	46.6	50.3	53.4	56.4	8.00%	6.21%	5.59%
150108	NICHOLVILLE TEL CO	18.6	18.8	18.9	19.9	1.07%	0.32%	5.68%
150110	OGDEN TEL CO	260.5	278.3	298.6	314.8	6.83%	7.32%	5.42%
150116	PATTERSONVILLE TEL	N/A	14.3	20.7	22.7	N/A	44.37%	9.58%
150122	SENECA-GORHAM TEL	80.3	86.9	94.8	98.9	8.27%	9.07%	4.24%
150128	SYLVAN LAKE TEL CO	243.1	288.8	305.5	323.1	18.82%	5.80%	5.74%
150084	TACONIC TEL CORP	190.8	225.2	224.7	218.4	18.05%	-0.20%	-2.82%
150133	VERNON TEL CO	25.2	26.6	31.1	33.5	5.40%	17.26%	7.52%
150135	WARWICK VALLEY-NY	136.5	145.8	157.5	166.6	6.75%	8.09%	5.76%
230476	ALLTEL CAROLINA-NO	1,404.4	1,515.4	1,663.9	1,808.5	7.90%	8.80%	8.69%
230468	ATLANTIC MEMBERSHIP	195.5	213.7	225.6	237.3	9.31%	5.58%	5.18%
230469	BARNARDVILLE TEL CO	10.2	13.7	15.7	18.0	33.60%	14.74%	14.77%
230473	CITIZENS TEL CO	187.8	192.7	211.5	214.1	2.59%	9.76%	1.23%
230474	CONCORD TEL CO	1,056.4	1,087.7	1,129.3	1,176.8	2.96%	3.83%	4.20%
230509	CONTEL OF NC	1,216.7	1,308.5	1,393.4	1,493.5	7.54%	6.49%	7.18%
230481	HEINS TEL CO	360.1	399.5	249.1	271.4	10.92%	-37.65%	8.98%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
230502	STAR MEMBERSHIP CORP	181.0	195.0	201.2	218.0	7.73%	3.22%	8.30%
230510	WILKES MEMBERSHIP	121.3	128.0	142.5	149.2	5.52%	11.37%	4.66%
381607	CONSOLIDATED COOP	52.3	51.3	55.8	56.9	-1.86%	8.71%	1.92%
381447	CONTEL ND DBA GTE ND	107.9	131.5	130.8	132.5	21.93%	-0.52%	1.29%
381616	INTER-COMMUNITY TEL	14.5	15.4	15.6	14.7	5.59%	1.66%	-6.17%
381617	MIDSTATE TEL CO	13.7	15.3	16.0	17.1	11.55%	4.59%	7.12%
381630	POLAR COMM MUT AID	112.0	115.9	119.7	119.3	3.48%	3.27%	-0.33%
381632	RESERVATION TEL COOP	52.5	55.0	50.0	54.4	4.77%	-9.07%	8.69%
381634	SOURIS RIVER TELECOM	141.0	152.6	157.5	159.4	8.22%	3.23%	1.18%
381637	W. RIVER TELECOM.	115.2	117.2	114.8	120.3	1.74%	-1.99%	4.72%
300665	ALLTEL OHIO-WEST OH	214.4	228.6	244.3	251.4	6.64%	6.85%	2.91%
300682	C, C & S TELCO -OHIO	4.0	4.6	4.6	4.1	14.99%	-1.84%	-9.44%
300607	CONTINENTAL OF OHIO	21.1	26.5	26.5	26.3	25.53%	0.17%	-0.92%
300613	LITTLE MIAMI COMM.	13.6	25.4	28.3	28.4	85.87%	11.73%	0.15%
300597	THE CHILLICOTHE TEL	416.1	454.7	497.4	504.9	9.27%	9.40%	1.51%
431965	ALLTEL OKLAHOMA INC	140.1	142.6	145.3	146.1	1.82%	1.85%	0.59%
431966	ATLAS TEL CO	N/A	17.0	17.5	18.6	N/A	2.65%	6.76%
431974	CANADIAN VALLEY TEL	7.1	6.5	6.8	7.3	-8.61%	4.47%	7.50%
431976	CARNEGIE TEL CO INC	18.0	18.1	17.8	17.3	0.85%	-1.78%	-2.65%
431979	CHEROKEE TEL CO	53.2	52.4	56.1	58.4	-1.49%	7.08%	4.14%
431980	CHICKASAW TEL CO	87.8	86.4	87.2	91.1	-1.53%	0.93%	4.46%
431981	CHOUTEAU TEL CO	27.0	28.8	31.3	30.8	6.69%	8.80%	-1.68%
431985	CROSS TEL CO	83.5	86.7	90.9	96.5	3.73%	4.95%	6.06%
431988	DOBSON TEL CO	52.7	53.5	52.6	56.8	1.56%	-1.81%	8.01%
431994	GRAND TEL CO INC	28.2	25.4	25.3	28.3	-9.79%	-0.28%	11.63%
431995	HINTON TEL CO	35.3	37.9	35.1	35.3	7.42%	-7.32%	0.52%
431788	KANOKLA TEL ASSN-OK	13.4	12.7	12.0	11.8	-5.39%	-5.11%	-1.71%
432006	M-CLOUD TEL CO	141.1	96.2	126.4	105.0	-31.82%	31.38%	-16.98%
432011	OKLAHOMA ALLTEL, INC	150.1	159.1	168.8	181.2	5.98%	6.14%	7.32%
431984	OKLAHOMA COMM SYSTEM	177.2	177.9	182.9	204.8	0.42%	2.78%	11.95%
432013	OKLAHOMA TEL & TEL	19.1	19.2	20.6	20.5	1.01%	6.84%	-0.16%
432014	OKLAHOMA WESTERN TEL	25.2	26.1	28.2	30.1	3.45%	8.20%	6.49%
432016	PANHANDLE TEL COOP	49.3	50.7	52.9	55.2	2.82%	4.27%	4.39%
432018	PIONEER TEL COOP INC	445.8	455.5	456.9	459.9	2.19%	0.30%	0.67%
432020	POTTAWATOMIE TEL CO	19.7	19.2	20.7	21.8	-2.16%	7.51%	5.57%
431831	S. CENTRAL TEL - OK	4.0	3.3	3.7	3.4	-16.74%	11.12%	-6.83%
432030	TOTAH TELEPHONE CO	18.5	18.6	19.5	19.5	0.58%	4.94%	-0.04%
432032	VALLIANT TEL CO	23.5	26.9	28.8	30.3	14.42%	7.20%	5.13%
432034	WYANDOTTE TEL CO	N/A	4.2	4.2	4.5	N/A	1.13%	5.95%
532404	ASOTIN TEL - OR	0.5	0.8	0.8	0.9	53.47%	11.17%	9.29%
532359	BEAVER CREEK COOP	51.7	53.9	52.5	57.1	4.17%	-2.62%	8.90%
532304	C P NATIONAL CORP-OR	103.4	103.8	109.1	119.8	0.41%	5.08%	9.84%
532362	CANBY TEL ASSN	92.1	100.7	106.3	118.5	9.31%	5.61%	11.51%
532371	CASCADE UTIL INC	90.2	95.8	103.5	112.7	6.20%	8.10%	8.90%
532363	CLEAR CREEK MUTUAL	43.5	45.6	49.1	47.8	4.82%	7.50%	-2.66%
532364	COLTON TEL CO	12.1	12.7	13.3	14.8	5.47%	4.71%	10.93%
532449	CONTEL OF THE NW- OR	274.3	282.9	306.7	344.9	3.14%	8.40%	12.47%
532376	HELIX TEL CO.	1.9	1.7	2.1	2.2	-12.17%	25.84%	4.50%
532377	HOME TELEPHONE CO	5.0	4.6	4.8	5.6	-6.87%	3.28%	16.22%
532456	MALHEUR HOME TEL CO	152.7	157.2	159.1	161.5	2.96%	1.21%	1.46%
532226	MIDVALE TEL EXCH -OR	3.1	1.6	1.8	1.6	-49.92%	17.63%	-10.80%
532383	MOLALLA TEL CO.	55.7	59.6	67.5	61.4	7.01%	13.24%	-9.03%
532385	MONROE TELEPHONE CO.	6.6	6.9	7.8	7.5	4.23%	13.56%	-4.06%
532387	NEHALEM TEL & TEL	11.6	12.5	15.4	18.2	8.15%	23.26%	18.20%
532388	NORTH STATE TEL CO.	3.5	3.7	4.1	4.6	8.30%	8.20%	13.33%
532389	OREGON TEL CORP	13.6	15.0	15.9	17.2	10.09%	6.12%	7.82%
532392	PINE TEL SYSTEM INC.	6.7	6.2	6.7	6.3	-7.53%	9.10%	-6.11%
532393	PIONEER TEL COOP	93.9	101.4	109.9	124.7	7.90%	8.39%	13.47%
532375	RTI/HALSEY TEL CO	9.5	9.4	8.2	8.3	-1.01%	-12.31%	0.66%
532397	SCIO MUTUAL TEL ASSN	14.5	15.8	16.9	15.0	9.57%	6.58%	-11.05%
532361	TEL UTIL OF OREGON	427.1	431.9	496.8	494.9	1.13%	15.02%	-0.38%
532378	TRANS-CASCADES TEL	1.1	1.0	1.1	1.2	-12.10%	8.89%	14.45%
170170	CONTEL OF PA	643.2	692.6	746.9	781.8	7.67%	7.84%	4.67%
170177	LACKAWAXEN TEL CO	N/A	16.4	18.6	20.2	N/A	13.43%	8.73%
170183	MAHANNOY & MAHANTONGO	N/A	34.0	35.2	36.4	N/A	3.51%	3.54%
170192	NORTH PENN TEL CO	40.4	42.0	45.8	48.4	3.97%	9.18%	5.63%
170194	OSWAYO RIVER TEL CO	17.9	19.1	20.3	21.2	6.53%	6.60%	4.21%
170201	QUAKER STATE TEL CO	335.6	352.4	406.8	425.4	5.01%	15.43%	4.59%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
170206	SUGAR VALLEY TEL CO	8.3	9.1	9.6	9.3	10.33%	5.25%	-3.19%
633200	PUERTO RICO COMM	N/A	1,530.4	1,444.3	1,592.2	N/A	-5.63%	10.24%
240512	BLUFFTON TEL. CO.	22.0	24.3	30.8	44.9	10.28%	26.80%	45.72%
240526	CONTEL OF SC	235.0	238.3	287.2	357.9	1.43%	20.52%	24.59%
240520	FARMERS TEL COOP	643.5	699.2	772.6	876.6	8.66%	10.49%	13.47%
240523	HARGRAY TEL CO	319.3	373.1	429.6	497.5	16.84%	15.15%	15.81%
240528	HORRY TEL COOP	437.7	662.1	605.3	606.8	51.27%	-8.58%	0.25%
240533	MCCLELLANVILLE TEL	13.6	15.6	17.6	18.8	14.29%	12.94%	6.79%
240539	POND BRANCH TEL CO	95.7	106.7	107.7	118.8	11.47%	0.98%	10.25%
240551	WILLISTON TEL CO	47.2	53.0	56.4	58.8	12.10%	6.59%	4.15%
391647	CHEYENNE RIVER SIOUX	28.1	28.0	33.4	30.2	-0.45%	19.39%	-9.54%
391643	CONTEL SD DBA GTE SD	83.4	95.1	106.9	113.9	14.05%	12.31%	6.61%
391659	GOLDEN WEST TELECOMM	139.4	148.6	151.3	154.7	6.64%	1.81%	2.28%
391666	JEFFERSON TEL CO -SD	4.2	4.6	4.4	5.6	8.37%	-3.18%	25.73%
391667	KADOKA TELEPHONE CO	4.7	4.5	5.3	5.7	-2.32%	17.03%	7.73%
391668	KENNEBEC TEL CO	2.6	2.6	2.7	2.9	0.54%	3.66%	6.12%
391689	WEST RIVER COOP	21.9	21.6	22.9	22.0	-1.63%	6.03%	-3.94%
290552	ADAMSVILLE TEL CO	N/A	99.3	93.3	100.9	N/A	-6.04%	8.19%
290571	MILLINGTON TEL CO	325.1	340.4	347.8	356.5	4.70%	2.16%	2.49%
290575	TENNESSEE TEL CO	612.0	665.0	729.2	760.8	8.67%	9.65%	4.33%
290579	TWIN LAKES TEL COOP	348.7	347.2	376.6	407.0	-0.41%	8.45%	8.08%
442121	ALLTEL TEXAS INC	31.8	31.4	33.0	33.7	-1.20%	5.17%	2.13%
442039	BIG BEND TEL CO INC	24.2	26.0	27.0	28.1	7.79%	3.49%	4.33%
442040	BRAZORIA TEL CO	69.9	74.8	78.4	84.9	6.98%	4.81%	8.28%
442041	BRAZOS TEL COOP INC	8.5	7.4	7.4	7.7	-12.39%	-0.97%	4.97%
440425	CAMERON TEL CO TEXAS	7.9	8.4	8.1	8.4	6.77%	-4.28%	3.52%
442046	CAP ROCK TEL CO INC	24.6	24.6	24.8	25.3	-0.05%	0.74%	2.29%
442052	CENTRAL TEXAS CO-OP	34.1	35.0	36.4	37.3	2.60%	3.99%	2.42%
442059	COLORADO VALLEY TEL	47.3	47.3	44.6	49.3	-0.08%	-5.56%	10.46%
442066	DELL TEL. CO-OP - TX	4.6	5.8	6.0	5.9	25.09%	3.32%	-1.27%
442068	EASTEX TEL COOP INC	220.1	284.4	245.1	260.1	29.23%	-13.83%	6.11%
442262	ENMR TEL COOP-TX	8.9	8.4	8.9	9.8	-5.34%	5.49%	10.32%
442070	ETEX TEL COOP INC	89.9	128.6	130.1	137.3	43.13%	1.13%	5.56%
442071	FIVE AREA TEL CO-OP	19.7	20.1	19.4	19.3	2.24%	-3.48%	-0.23%
442072	FORT BEND TEL CO	266.3	285.6	298.9	344.5	7.28%	4.64%	15.26%
442076	GANADO TELEPHONE CO	13.5	13.4	15.8	15.4	-0.77%	17.72%	-2.16%
442083	GUADALUPE VALLEY TEL	151.6	165.3	182.1	212.7	9.02%	10.19%	16.78%
442086	HILL COUNTRY CO-OP	82.9	108.6	90.9	98.3	31.00%	-16.26%	8.16%
442093	INDUSTRY TEL CO	12.5	13.0	12.7	14.1	3.66%	-2.14%	11.30%
442097	KERRVILLE TEL CO	176.7	176.7	183.2	186.7	-0.00%	3.69%	1.87%
442103	LA WARD TEL EXCHANGE	6.6	7.1	7.1	7.1	7.06%	0.36%	0.17%
442101	LAKE DALLAS TEL CO	52.3	46.4	53.0	59.1	-11.12%	14.13%	11.56%
442104	LAKE LIVINGSTON TEL	5.1	5.1	5.3	5.5	-1.16%	3.74%	4.71%
442105	LIPAN TEL CO	N/A	N/A	10.8	9.3	N/A	N/A	-14.17%
442109	LUFKIN-CONROE TEL EX	923.7	1,017.4	1,045.5	1,121.8	10.15%	2.76%	7.30%
442112	MID-PLAINS RURAL TEL	25.5	24.9	23.8	25.4	-2.05%	-4.73%	6.87%
442116	MUENSTER TEL CORP-TX	18.7	26.2	28.5	29.5	40.21%	8.68%	3.59%
442117	MUSTANG TEL CO	18.8	17.7	19.0	20.2	-5.85%	7.57%	6.30%
442130	PEOPLES TEL COOP -TX	74.6	74.5	79.9	82.5	-0.13%	7.14%	3.30%
442131	POKA-LAMBRO TEL COOP	38.1	37.4	35.2	37.3	-1.71%	-6.01%	6.11%
442134	RIVIERA TEL CO INC	7.7	8.2	8.4	8.1	6.80%	2.08%	-2.67%
442147	SUGAR LAND TEL CO	467.8	566.9	628.4	673.8	21.20%	10.84%	7.23%
442150	TATUM TEL CO	N/A	N/A	8.9	9.4	N/A	N/A	6.08%
442151	TAYLOR TEL CO-OP INC	64.0	65.2	67.4	65.9	1.85%	3.39%	-2.23%
442159	VALLEY TEL CO-OP -TX	47.9	61.7	53.6	60.9	28.98%	-13.10%	13.46%
442168	WES-TEX TEL CO-OP	42.1	38.5	41.7	37.7	-8.49%	8.13%	-9.52%
442166	WEST TEXAS RURAL TEL	24.5	25.6	23.3	25.5	4.15%	-8.68%	9.12%
442170	XIT RURAL TEL CO-OP	11.5	11.4	11.1	12.2	-0.43%	-2.85%	9.98%
502284	BEEHIVE TEL CO - UT	N/A	10.6	11.1	11.6	N/A	4.82%	5.16%
502277	CENTRAL UTAH TEL INC	10.1	10.1	11.3	12.8	0.54%	11.58%	13.65%
502177	CONTEL THE WEST - UT	194.7	194.6	204.2	235.8	-0.05%	4.95%	15.44%
502278	EMERY COUNTY FARMERS	35.9	38.6	40.1	44.4	7.48%	3.80%	10.75%
502280	KAMAS-WOODLAND TEL	13.3	14.2	16.0	17.3	6.43%	12.92%	7.62%
502275	NAVAJO COMMUN - UT	2.7	2.8	3.0	2.8	5.76%	6.78%	-6.26%
502286	SOUTH CENTRAL UTAH	25.5	28.0	33.8	32.1	9.76%	20.99%	-5.14%
502287	UINTAH BASIN TEL	30.8	27.8	34.7	29.8	-9.52%	24.55%	-13.97%
502288	UT-WY TELECOM	10.9	5.4	5.6	5.7	-50.48%	3.07%	3.45%
140070	CONTEL OF VERMONT	319.5	337.3	341.8	364.3	5.59%	1.33%	6.59%

TABLE 4.16
TOTAL SUBSCRIBER LINE USAGE MINUTES
BY STUDY AREA (IN MILLIONS)

SA CODE	COMPANY NAME	TOTAL SUBSCRIBER LINE USAGE MINUTES (IN MILLIONS)				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
140058	LUDLOW TEL CO	22.9	26.0	29.3	30.3	13.69%	12.64%	3.46%
140061	NORTHFIELD TEL CO	28.2	30.2	32.8	36.1	7.20%	8.48%	10.19%
140062	PERKINSVILLE TEL CO	6.2	6.7	6.1	8.3	6.86%	-8.33%	35.73%
140068	TOPSHAM TEL CO	10.2	11.9	13.4	12.9	16.22%	12.65%	-3.24%
643300	VIRGIN ISLANDS TEL	1,195.2	1,076.1	1,076.1	1,074.9	-9.96%	0.00%	-0.11%
140069	WAITSFIELD/FAYSTON	34.9	37.2	38.5	41.3	6.48%	3.68%	7.26%
190217	AMELIA TEL CORP	39.1	44.4	47.8	52.3	13.48%	7.66%	9.46%
190249	ROANOKE & BOTETOURT	N/A	106.8	115.7	124.9	N/A	8.36%	7.95%
522404	ASOTIN TEL - WA	10.4	11.4	11.7	13.1	9.50%	2.48%	12.21%
522449	CONTEL OF THE NW-WA	599.2	628.9	693.6	755.8	4.96%	10.29%	8.97%
522410	COWICHE TELEPHONE CO	14.0	14.4	15.5	17.0	2.46%	7.74%	10.10%
522412	ELLENSBURG TEL CO	164.3	179.0	207.1	226.4	8.95%	15.70%	9.28%
522417	HAT ISLAND	N/A	N/A	0.1	0.2	N/A	N/A	30.22%
522419	HOOD CANAL TEL CO	4.8	5.1	5.4	6.0	6.51%	7.06%	10.23%
522423	INLAND TEL CO -WA	13.0	15.0	13.2	14.6	15.20%	-11.77%	10.27%
522426	KALAMA TEL CO	16.1	17.6	19.0	21.2	9.65%	7.61%	11.51%
522427	LEWIS RIVER TEL CO	25.4	27.5	31.2	30.0	8.07%	13.42%	-3.76%
522431	MASHELL TEL CO INC	17.6	19.1	20.8	23.5	8.35%	8.70%	13.28%
522436	PENINSULA TELECOMM	51.6	56.0	56.4	65.2	8.43%	0.83%	15.46%
522437	PIONEER TEL CO	7.1	7.3	7.5	8.3	1.65%	3.18%	10.70%
522442	ST JOHN TEL CO	5.0	5.1	5.8	6.3	2.02%	13.22%	8.31%
522408	TEL UTIL OF WA INC	867.3	986.6	1,026.5	1,143.9	13.76%	4.04%	11.43%
522446	TENINO TELEPHONE CO	22.4	25.0	27.1	29.0	11.75%	8.57%	6.99%
522447	TOLEDO TELEPHONE CO	16.8	15.5	17.1	18.8	-7.71%	10.87%	9.48%
522451	WESTERN WAHIAKUM	9.1	9.8	10.4	10.3	7.63%	5.31%	-0.16%
522452	WHIDBEY TEL CO	64.9	61.5	73.8	89.3	-5.24%	20.03%	21.06%
522453	YELM TELEPHONE CO	64.1	68.8	79.9	83.8	7.20%	16.13%	4.88%
200278	CONTEL OF WV	373.5	411.9	449.1	475.4	10.28%	9.04%	5.86%
200259	HARDY TEL CO	23.2	27.8	30.8	32.3	20.02%	10.62%	4.93%
200270	MOUNTAIN STATE TEL	298.9	310.5	320.7	309.8	3.88%	3.28%	-3.40%
330841	CENCOM OF WISCONSIN	204.0	212.3	225.7	243.9	4.07%	6.33%	8.06%
330859	CENTRAL STATE TEL CO	71.2	81.5	82.4	82.5	14.50%	1.14%	0.09%
330895	CENTURY OF WISCONSIN	576.1	656.4	689.6	711.1	13.94%	5.06%	3.12%
330860	CHEQUAMEGON TEL COOP	37.5	42.0	49.4	53.9	11.90%	17.65%	9.09%
330870	CRANDON TEL CO	20.6	22.2	25.1	26.8	7.75%	13.15%	6.84%
330891	HEADWATERS TEL CO	21.4	24.3	26.9	30.0	13.09%	10.85%	11.61%
330936	INDIANHEAD TEL CO	12.7	13.9	14.3	15.5	9.60%	2.92%	7.85%
330908	MARQUETTE-ADAMS COOP	24.6	22.5	23.4	26.2	-8.48%	4.18%	11.85%
330909	MIDWAY TEL CO	70.4	84.8	84.7	87.2	20.51%	-0.13%	3.02%
330913	MONROE COUNTY TEL CO	99.8	109.2	110.6	125.9	9.44%	1.28%	13.80%
330916	MOUNT HOREB TEL CO	34.6	36.8	39.5	44.3	6.49%	7.25%	12.17%
330917	MT VERNON TEL CO	68.7	72.4	90.3	89.8	5.35%	24.75%	-0.50%
330922	NORTH-WEST TEL CO	629.6	701.9	738.8	784.5	11.48%	5.26%	6.18%
330931	PEOPLES TEL CO	55.9	60.0	55.0	60.8	7.33%	-8.36%	10.62%
330934	PLATTEVILLE TEL CO	71.4	81.4	85.7	90.2	13.99%	5.36%	5.22%
330937	PRICE COUNTY TEL CO	37.2	16.8	18.7	39.5	-54.70%	10.83%	111.64%
330940	RHINELANDER TEL CO	116.3	131.5	142.1	151.8	13.06%	8.01%	6.83%
330952	SE TEL OF WISCONSIN	68.3	74.1	84.0	94.9	8.49%	13.48%	12.92%
330950	SOLOM SPRINGS TEL CO	121.3	133.8	123.9	132.4	10.37%	-7.42%	6.85%
330956	UNIVERSAL OF N WISC	93.6	99.8	103.3	112.7	6.56%	3.55%	9.06%
330964	URBAN TEL CORP	197.1	198.4	215.9	238.8	0.70%	8.80%	10.64%
330963	UTELCO, INC	128.5	135.8	145.5	156.5	5.74%	7.13%	7.52%
330974	WOOD COUNTY TEL CO	245.5	248.4	279.2	288.9	1.15%	12.41%	3.49%
512291	DUBOIS TEL EXCHANGE	13.4	13.4	15.0	17.1	-0.32%	12.28%	14.10%
512251	RANGE TEL COOP - WY	17.7	19.1	20.3	21.0	8.22%	6.02%	3.90%
512295	SILVER STAR TEL-WY	8.5	9.5	10.7	11.6	11.29%	13.31%	8.32%
512299	TEL. UTIL. OF WY.	27.2	31.0	31.1	33.9	13.95%	0.45%	8.81%
512297	UNION TELEPHONE CO	37.0	40.5	42.4	46.6	9.69%	4.57%	9.85%
512290	UTAH-WYOMING TELECOM	2.8	2.6	3.1	3.8	-6.84%	20.30%	22.79%
NON-TIER 1 COST COMPANIES		60,536.0	70,109.4	75,567.9	81,337.5	15.81%	7.79%	7.63%
TOTAL COST COMPANIES		2,186,771.4	2,314,872.4	2,388,792.9	2,443,718.9	5.86%	3.19%	2.30%
AVERAGE SCHEDULE ESTIMATE		28,622.0	36,767.0	39,224.0	37,816.0	28.46%	6.68%	-3.59%
TOTAL INDUSTRY		2,215,393.4	2,351,639.4	2,428,016.9	2,481,534.9	6.15%	3.25%	2.20%

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	===== PROJECTED =====					
		1987	1988	1989	1990	1991	1992
250302	ALLTEL ALABAMA	N/A	N/A	0.266628	0.262471	0.258314	0.254157
250284	BUTLER TEL CO	0.283050	0.277540	0.272030	0.266520	0.261015	0.255508
250281	CONTEL OF THE SOUTH	0.224200	0.228512	0.232800	0.237107	0.241405	0.245702
250297	GROVE HILL TEL CORP	0.221640	0.226360	0.231090	0.235820	0.240545	0.245273
250293	GTE SOUTH INC. - AL	0.296715	0.288930	0.281100	0.273358	0.265572	0.257786
250298	GULF TEL CO - AL	0.349500	0.333206	0.316550	0.299923	0.283282	0.266641
250300	HOPPER TEL. CO INC	0.165600	0.179720	0.193800	0.207832	0.221888	0.235944
250304	MILLRY TEL CO	0.310800	0.300626	0.290501	0.280376	0.270251	0.260125
250306	MONROEVILLE TEL CO	0.243100	0.244264	0.245411	0.246558	0.247706	0.248853
250314	PEOPLES TEL CO	0.207300	0.214450	0.221560	0.228670	0.235780	0.242890
250316	RAGLAND TEL CO	0.204000	0.211660	0.219350	0.226996	0.234664	0.242332
255181	SO CENTRAL BELL-AL	0.218400	0.223643	0.228900	0.234175	0.239457	0.244729
250318	SOUTHLAND TEL CO-AL	0.262500	0.260384	0.258300	0.256231	0.254154	0.252077
613000	ANCHORAGE TEL UTIL	0.470700	0.433916	0.397133	0.360350	0.323567	0.286783
613001	ARC TIC SLOPE TEL	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
613003	BRISTOL BAY TEL COOP	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
613004	BUSH-TELL INC.	0.428400	0.398670	0.368900	0.339200	0.309468	0.279734
613006	COPPER VALLEY TEL	0.545700	0.496440	0.447200	0.397860	0.348575	0.299288
613007	CORDOVA TEL COOP	0.740000	0.618750	0.545000	0.471250	0.397500	0.323750
613008	FAIRBANKS MUNICIPAL	0.440100	0.408440	0.376740	0.376280	0.313375	0.281688
613010	GLACIER STATE TEL CO	0.587700	0.523582	0.468900	0.414149	0.359425	0.304713
613009	GTE ALASKA INC.	0.499700	0.458054	0.416400	0.374833	0.333222	0.291611
613011	INTERIOR TEL CO INC	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
613012	JUNEAU & DOUGLAS TEL	0.548900	0.499087	0.449300	0.399452	0.349625	0.299813
613013	KETCHIKAN PUBLIC UT	0.556300	0.505250	0.454200	0.403150	0.352100	0.301050
613015	KATANUSKA TEL ASSOC	0.396900	0.372380	0.347900	0.323400	0.298950	0.274475
613016	MUKLUK TEL CO INC	0.272800	0.379630	0.353700	0.327780	0.301850	0.275925
613018	NUSHAGAK TEL COOP	0.570200	0.512640	0.460110	0.407580	0.355055	0.302528
613019	OTZ TEL COOPERATIVE	0.340900	0.325750	0.310600	0.295450	0.280300	0.265150
613020	SITKA TELEPHONE CO	0.579900	0.518700	0.464900	0.411200	0.357475	0.303738
613022	TEL UTIL OF ALASKA	0.750000	0.700000	0.650000	0.600000	0.450000	0.350000
613023	UNITED UTILITIES INC	0.303003	0.294169	0.295336	0.276502	0.267668	0.258834
613025	YUKON TEL CO INC	0.388700	0.625000	0.550000	0.475000	0.400000	0.325000
452171	ARIZONA TELEPHONE CO	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
452172	CITIZENS UTILITIES	0.625200	0.575200	0.487600	0.428200	0.368800	0.309400
452302	CONTEL CALIF - AZ	0.553600	0.503000	0.452400	0.401800	0.351200	0.300600
452177	CONTEL OF WEST-AZ	0.377100	0.355875	0.334700	0.313500	0.292350	0.271175
455101	MOUNTAIN BELL - AZ	0.389800	0.366504	0.343200	0.319903	0.296602	0.273301
452275	NAVAJO COMMUN-AZ	0.691450	0.617875	0.544300	0.470725	0.397150	0.323575
452173	PAPAGO TRIBAL UTIL.	N/A	0.379045	0.353236	0.327427	0.301618	0.275809
452175	UNIVERSAL TEL OF SW	0.494700	0.453880	0.413100	0.372325	0.331550	0.290775
452176	VALLEY TEL COOP-AZ	0.609867	0.549889	0.489912	0.429934	0.369956	0.309978
401691	ALLTEL ARKANSAS INC	0.304075	0.295063	0.286050	0.277038	0.268025	0.259013
401692	ARKANSAS TEL CO	0.455865	0.421554	0.387244	0.352933	0.318622	0.284311
401697	CENTRAL ARKANSAS TEL	0.247900	0.248239	0.248591	0.286999	0.249296	0.249648
401705	CENTURY OF ARKANSAS	0.340180	0.325150	0.310120	0.295090	0.280061	0.265030
401698	CLEVELAND COUNTY TEL	0.241190	0.284330	0.277460	0.270600	0.263730	0.256865
401730	CONTEL OF ARKANSAS	0.321800	0.287862	0.280289	0.272717	0.265145	0.257572
401699	DECATUR TEL CO INC	0.630850	0.580850	0.530850	0.430319	0.370213	0.310106
402080	GTE SOUTHWEST INC-AR	0.279700	0.274800	0.269800	0.264859	0.259900	0.254950
401709	MADISON COUNTY TEL	0.289700	0.283050	0.276440	0.269830	0.263220	0.256610
401711	MOUNTAIN HOME TEL	0.430284	0.400237	0.370190	0.340142	0.310095	0.280047
401713	NORTH ARKANSAS TEL	0.473400	0.436103	0.398900	0.361662	0.324441	0.287221
401717	PERCO TELEPHONE CO	N/A	N/A	0.252036	0.251527	0.251018	0.250509
401720	REDFIELD TEL CO	0.351415	0.334513	0.317600	0.300708	0.283805	0.266903
401702	SOUTH ARKANSAS TEL	0.275400	0.271197	0.267000	0.262718	0.258479	0.254239
405211	SOUTHWESTERN BELL-AR	0.276600	0.272191	0.267800	0.263314	0.258876	0.254438
401726	TRI-COUNTY TEL CO-AR	0.256000	0.254987	0.254240	0.253242	0.251995	0.250997
401727	UNION TEL CO INC	0.362340	0.343568	0.324900	0.306141	0.287427	0.268714
401729	WALNUT HILL TEL CO	0.413500	0.386250	0.359000	0.331750	0.304500	0.277250
401733	YELCOT TEL CO INC	0.348100	0.331774	0.315400	0.299065	0.282710	0.266355
401734	YELL COUNTY TEL CO	0.238848	0.240373	0.242300	0.244224	0.246149	0.248075
542304	C P NATIONAL CORP-CA	0.277200	0.272657	0.268126	0.263594	0.259063	0.254531
542301	CALAVERAS TEL CO	0.248800	0.248974	0.249200	0.249385	0.249590	0.249795
542311	CALIF-OREGON TEL CO	0.416600	0.482380	0.435900	0.389428	0.342952	0.296476
542308	CITIZENS UTIL OF CA	0.231900	0.234900	0.237900	0.240950	0.243975	0.246988
542302	CONTEL OF CALIFORNIA	0.252800	0.252300	0.251900	0.251400	0.250925	0.250463
542313	DUCOR TELEPHONE CO	0.215600	0.221299	0.227000	0.232779	0.238520	0.244260

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
542315	EVANS TEL CO.	0.194100	0.205783	0.214626	0.223469	0.232313	0.241157
542318	FORESTHILL TEL CO.	0.486300	0.259106	0.257300	0.255463	0.253642	0.251821
542319	GTC OF CALIFORNIA	0.249200	0.249322	0.249500	0.249593	0.249729	0.249864
542321	HAPPY VALLEY TEL CO	N/A	0.196279	0.207000	0.217767	0.228512	0.239256
542322	HORNITOS TEL CO	N/A	0.253124	0.252500	0.251874	0.251250	0.250625
542324	KERMAN TELEPHONE CO	0.148900	0.165700	0.182600	0.199433	0.216300	0.233150
545170	PACIFIC BELL	0.249700	0.249738	0.249791	0.249843	0.249895	0.249948
542346	PINNACLES TEL CO	0.406900	0.380800	0.354600	0.328467	0.302312	0.276156
542334	ROSEVILLE TEL CO	0.199100	0.207543	0.216000	0.224526	0.233017	0.241509
542338	SIERRA TELEPHONE CO	0.208822	0.215685	0.222548	0.229411	0.236274	0.243137
542332	THE PONDEROSA TEL CO	0.197200	0.206030	0.214830	0.223619	0.232413	0.241206
542339	THE SISKIYOU TEL CO	0.310500	0.300411	0.290329	0.280247	0.270165	0.260082
542343	THE VOLCANO TEL CO	0.203600	0.211291	0.219000	0.226775	0.234517	0.242258
542342	TUOLUMNE TEL CO	0.263400	0.261151	0.258921	0.256691	0.254461	0.252230
542344	WEST COAST TEL OF CA	0.361000	0.342500	0.324000	0.305500	0.287000	0.268500
542323	WINTERHAVEN TEL. CO.	N/A	N/A	0.512203	0.462200	0.381102	0.315551
462192	BIG SANDY TELCOMM	0.320900	0.309088	0.297270	0.285453	0.273635	0.261818
462181	BIJOU TEL COOP ASSOC	0.365700	0.346344	0.327075	0.307806	0.288538	0.269269
462182	BLANCA TEL CO	0.654800	0.564722	0.506114	0.439338	0.376225	0.313113
462204	COLUMBINE TEL CO	0.611700	0.538531	0.480825	0.423119	0.365413	0.307706
462184	DELTA COUNTY TEL CO	0.297625	0.289688	0.281750	0.273813	0.265875	0.257938
462185	EAGLE TELECOMMUN INC	0.537300	0.489400	0.441600	0.393663	0.345775	0.297888
462186	EASTERN SLOPE RURAL	0.353100	0.335938	0.318750	0.301563	0.284375	0.267188
462187	EL PASO COUNTY TEL	N/A	N/A	N/A	0.295300	0.280200	0.265100
462188	FARMERS TEL CO - CO	0.437400	0.406125	0.374900	0.343675	0.312450	0.281225
462190	HAXTUN TEL CO	0.321600	0.309625	0.297700	0.285775	0.273850	0.261925
465102	MOUNTAIN BELL-CO	0.384900	0.362364	0.339900	0.317419	0.294946	0.272473
462193	NUCLA-NATURITA TEL	0.429600	0.399713	0.369770	0.339828	0.309885	0.279943
462194	NUNN TEL CO	0.521700	0.476438	0.431150	0.385863	0.340575	0.295288
462196	PEETZ COOP TEL CO	0.408000	0.381650	0.355300	0.328975	0.302660	0.276330
462199	PLAINS COOP TEL ASSN	0.260000	0.258320	0.256700	0.254988	0.253328	0.251664
462203	RYE TELEPHONE CO	0.416200	0.388480	0.360800	0.333085	0.305390	0.277695
462207	STRASBURG TEL CO	0.372800	0.352290	0.331800	0.311388	0.290918	0.270459
461835	SUNFLOWER TEL - CO	0.426700	0.397240	0.367792	0.338344	0.308896	0.279448
462208	UNIVERSAL TEL CO -CO	0.665100	0.615060	0.565060	0.515060	0.378765	0.314383
462209	WIGGINS TEL ASSOC	0.283200	0.277644	0.272115	0.266586	0.261058	0.255529
135200	SOUTHERN NEW ENGLAND	0.316600	0.305496	0.294400	0.283300	0.272199	0.261099
575020	C & P TEL CO OF WASH	0.390700	0.367262	0.343800	0.320400	0.296905	0.273452
565010	DIAMOND STATE TEL	0.321400	0.309469	0.297600	0.285700	0.273788	0.261894
210336	ALLTEL FLORIDA INC.	0.256537	0.255448	0.254358	0.253269	0.252179	0.251090
210340	CENTEL OF FLORIDA	0.327559	0.314633	0.301706	0.288780	0.275853	0.262927
210291	FLORALA TEL CO	0.296724	0.288936	0.281100	0.273362	0.265575	0.257787
210328	GTE FLORIDA INC.	0.389070	0.365892	0.342700	0.319535	0.296357	0.273178
210329	GULF TEL CO	0.212242	0.218535	0.224800	0.231121	0.237414	0.243707
210331	INDIANTOWN SYSTEM	0.390600	0.367124	0.343699	0.320275	0.296850	0.273425
210335	NORTHEAST FLORIDA	0.214866	0.220721	0.226577	0.232432	0.238289	0.244144
210338	QUINCY TEL CO-FL DIV	0.219800	0.215730	0.222590	0.229440	0.236293	0.243146
215191	SOUTHERN BELL-FL	0.335700	0.321411	0.307100	0.292800	0.278564	0.264282
210318	SOUTHLAND TEL-FL	0.276462	0.272052	0.267650	0.263231	0.258821	0.254410
210339	ST JOSEPH TEL & TEL	0.341388	0.326157	0.310900	0.295694	0.280463	0.265231
210341	UTC OF FLORIDA	0.438600	0.407175	0.375740	0.344305	0.312870	0.281435
210330	VISTA-UNITED TELCOM	0.576476	0.522063	0.467651	0.462800	0.358825	0.304413
220357	ALLTEL GEORGIA INC.	N/A	N/A	0.243774	0.245331	0.246887	0.248444
220344	ALMA TEL CO	0.188300	0.198568	0.213999	0.213999	0.229427	0.239714
220347	BRANTLEY TEL CO	0.200400	0.208692	0.216954	0.225215	0.233477	0.241738
220351	CAMDEN TEL & TEL CO	0.506700	0.463900	0.442510	0.399730	0.335560	0.292780
220355	CITIZENS TEL CO - GA	0.210000	0.216639	0.223311	0.229983	0.236656	0.243328
220356	COASTAL UTILITIES	0.486900	0.447354	0.407884	0.368413	0.328942	0.289471
220281	CONTEL OF SOUTH - GA	0.220060	0.225038	0.235500	0.239139	0.240015	0.245008
220358	DARIEN TEL CO	0.262400	0.260304	0.259274	0.257213	0.254122	0.252061
220360	ELLIJAY TEL CO	0.185400	0.196167	0.210551	0.212317	0.228467	0.239233
220479	GTE SOUTH INC.- GA	0.225260	0.229384	0.233500	0.237630	0.241754	0.245877
220371	INTERSTATE TEL CO	0.248346	0.248622	0.248898	0.249173	0.249449	0.249724
220377	PINELAND TEL COOP	0.176600	0.188814	0.194933	0.207171	0.225526	0.237763
220379	PLANT TEL. CO.	0.188964	0.199137	0.209310	0.219482	0.229655	0.239827
220381	PUBLIC SERVICE TEL	0.182122	0.193435	0.201920	0.213233	0.227374	0.238687
220338	QUINCY TEL CO-GA DIV	0.272800	0.363150	0.340520	0.317890	0.295260	0.272630
225192	SOUTHERN BELL-GA	0.279300	0.274423	0.269500	0.264700	0.259769	0.254885

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
220386	STANDARD TEL CO	0.201900	0.209888	0.217900	0.225933	0.233955	0.241978
220392	WAVERLY HALL TEL CO	0.240400	0.241993	0.243600	0.245196	0.246797	0.248399
220394	WILKES TEL & ELC CO	0.179487	0.205929	0.214744	0.223558	0.232372	0.241186
623100	GTE HAWAIIAN TEL. CO	0.292041	0.285035	0.278000	0.271021	0.264025	0.257013
472213	ALBION TEL CO INC	0.376900	0.351830	0.331500	0.311100	0.290733	0.270366
472215	CAMBRIDGE TEL CO	0.379000	0.357490	0.336000	0.314500	0.292998	0.271499
472225	CENTURY TEL OF IDAHO	0.393235	0.369363	0.345490	0.321618	0.297745	0.273872
472177	CONTEL OF WEST-ID	0.430900	0.400750	0.370600	0.340450	0.310300	0.280150
472218	CUSTER TEL COOP	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
472223	GEM STATE UTIL-ID	0.452700	0.418900	0.385000	0.351310	0.317550	0.283775
472416	GTE NORTHWEST INC-ID	0.492400	0.451964	0.411600	0.371178	0.330786	0.290393
472423	INLAND TEL-ID	0.358800	0.340600	0.322500	0.304375	0.286250	0.268125
472226	MIDVALE TEL EXCH INC	0.301800	0.283120	0.276500	0.269900	0.263248	0.256624
475103	MOUNTAIN BELL-ID	0.327600	0.314680	0.301700	0.288809	0.275872	0.262936
475162	PACIFIC NW BELL-ID	0.346500	0.330414	0.314300	0.298248	0.282166	0.266083
472231	PROJECT MUTUAL TEL	0.297000	0.289125	0.281300	0.273475	0.265650	0.257825
472232	ROCKLAND TEL CO INC	0.322000	0.309980	0.298000	0.286000	0.273990	0.261995
472233	RURAL TEL CO - ID	N/A	N/A	N/A	0.475000	0.400000	0.325000
472295	SILVER STAR TEL- ID	0.561700	0.507281	0.455825	0.404369	0.352913	0.301456
472234	TROY TELEPHONE CO	0.443700	0.411360	0.379090	0.346818	0.314545	0.282273
341000	ALLTEL ILLINOIS INC.	0.323300	0.311038	0.298830	0.286620	0.274415	0.262208
340985	CENTEL OF ILLINOIS	0.300100	0.292538	0.284031	0.275523	0.267015	0.258508
341036	CONTEL OF ILLINOIS	0.264600	0.262162	0.259730	0.257297	0.254865	0.252432
341004	EL PASO TEL CO	0.247100	0.247580	0.248100	0.248500	0.249030	0.249515
341023	GRIDLEY TEL CO	0.254700	0.253930	0.253140	0.252400	0.251570	0.250785
341015	GTE NORTH INC. - IL	0.255300	0.254393	0.253500	0.252636	0.251758	0.250879
341037	IL CONSOLIDATED TEL	0.229700	0.233086	0.236500	0.239851	0.243234	0.246617
345070	ILLINOIS BELL TEL CO	0.265100	0.262591	0.260100	0.257554	0.255036	0.252518
341038	INLAND TEL CO	0.203800	0.211500	0.219200	0.226900	0.234600	0.242300
341045	LEAF RIVER VLY TEL	0.219300	0.224750	0.229800	0.234900	0.239900	0.244950
341055	MIDLAND TEL CO	0.204900	0.212440	0.220000	0.227500	0.234975	0.242488
341060	MOULTRIE INDEPENDENT	0.179700	0.191420	0.203100	0.214900	0.226568	0.238284
320753	CLAY CTY RURAL COOP	0.208902	0.215752	0.222603	0.229453	0.236301	0.243150
320776	COMM CORP OF INDIANA	N/A	N/A	0.405390	0.366540	0.327720	0.288860
320779	CONTEL OF INDIANA	0.271047	0.267539	0.264032	0.260524	0.257016	0.253508
320772	GTE NORTH INC. - IN	0.301160	0.292633	0.284100	0.275580	0.267053	0.258527
325080	INDIANA BELL TEL CO	0.239120	0.240933	0.242747	0.244560	0.246373	0.248187
320797	NEW PARIS TEL INC	0.250900	0.250739	0.250592	0.250444	0.250296	0.250148
320800	NORTHWESTERN INDIANA	0.404200	0.346380	0.327100	0.307830	0.288550	0.269275
320832	UTC OF INDIANA	0.294600	0.287156	0.279700	0.272293	0.264862	0.257431
351346	ACE TEL ASSN-IA	0.204540	0.212110	0.219690	0.227268	0.234845	0.242423
351105	AYRSHIRE FARMERS MUT	0.234700	0.237240	0.239800	0.242350	0.244898	0.247449
351110	BERNARD TEL CO INC	0.199800	0.251815	0.251452	0.251089	0.250726	0.250363
351127	CENTEL OF IOWA	N/A	0.366144	0.342915	0.319686	0.296458	0.273229
351207	CONTEL IA DBA GTE IA	0.493254	0.494328	0.241800	0.243850	0.310252	0.280126
351888	GRAND RIVER MUT-IA	0.349173	0.332640	0.316120	0.299586	0.283058	0.266529
351186	GTE NORTH INC. - IA	0.276700	0.272255	0.267800	0.263353	0.258902	0.254451
351229	LOST NATION-ELWOOD	0.178800	0.195899	0.206719	0.217539	0.228360	0.239180
355141	NORTHWESTERN BELL-IA	0.276200	0.271800	0.267400	0.263080	0.258720	0.254360
351316	UNITED FARMERS TEL	0.301120	0.292600	0.284080	0.275560	0.267040	0.258520
351327	WEBB-DICKENS TEL	0.265800	0.263090	0.260475	0.257856	0.255238	0.252619
411741	ASSARIA TEL EXCHANGE	0.293700	0.286400	0.279100	0.271825	0.264550	0.257275
411746	BLUE VALLEY TEL CO	0.274500	0.270375	0.266300	0.262225	0.258150	0.254075
411818	CRAW-KAN TEL COOP	0.292500	0.285449	0.278359	0.262050	0.264180	0.257090
411761	CUNNINGHAM TEL CO	0.286800	0.280643	0.274500	0.268386	0.262257	0.256129
411764	ELKHART TEL CO INC	0.478600	0.440513	0.402410	0.364308	0.326205	0.288103
411781	H & B COMMUNICATIONS	0.313500	0.302853	0.292300	0.281712	0.271141	0.260571
411782	HOME TEL CO	0.286600	0.280500	0.274400	0.268300	0.262200	0.256100
411785	J. B. N. TEL CO INC	0.272650	0.268875	0.265100	0.265200	0.257550	0.253775
411788	KANOKLA TEL ASSN-KS	0.345600	0.329630	0.313705	0.297779	0.281853	0.265926
411801	MADISON TEL CO INC	0.289700	0.283063	0.276450	0.269838	0.263225	0.256613
411807	MOKAN DIAL INC-KS	0.313300	0.302750	0.292200	0.281650	0.271100	0.260550
411808	MOUNDRIDGE TEL CO	0.291200	0.284308	0.277446	0.270585	0.263723	0.256862
411814	PEOPLES MUTUAL TEL	0.400200	0.375200	0.350100	0.325075	0.300050	0.275025
411817	PIONEER TEL ASSN INC	N/A	0.399900	0.369950	0.339969	0.309975	0.279988
411826	RURAL TEL SERVICE CO	0.271000	0.267509	0.264008	0.260506	0.257004	0.253502
411827	S & T TEL COOP ASSN	0.367675	0.348063	0.328450	0.308838	0.289225	0.269613
411831	S. CENTRAL TEL - KS	0.297300	0.289444	0.281550	0.273666	0.265778	0.257889

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
415214	SOUTHWESTERN BELL-KS	0.287500	0.281283	0.275026	0.268769	0.262513	0.256257
411835	SUNFLOWER TEL CO	0.378085	0.356737	0.335390	0.314043	0.292695	0.271348
412030	TOTAH TELEPHONE CO	0.427300	0.397736	0.368200	0.338641	0.309094	0.279547
411840	TWIN VALLEY TEL INC	0.252000	0.251713	0.251400	0.251028	0.250685	0.250343
411841	UNITED TEL ASSN	0.410814	0.384012	0.357209	0.330407	0.303605	0.276802
411842	UTC OF KANSAS	0.412200	0.385170	0.358150	0.331102	0.304068	0.277034
411847	WHEAT STATE TEL, INC	0.285271	0.279393	0.273500	0.267600	0.261757	0.255879
411849	WILSON TEL CO INC	0.249900	0.249931	0.249900	0.249958	0.249972	0.249986
411852	ZENDA TEL COMPANY	0.211400	0.217800	0.224240	0.230680	0.237120	0.243560
265061	CINCINNATI BELL-KY	0.160300	0.175268	0.190200	0.205161	0.220107	0.235054
260410	CONTEL OF KENTUCKY	0.191048	0.200873	0.210700	0.220524	0.230350	0.240175
260407	GTE SOUTH INC. - KY	0.252746	0.252288	0.251800	0.251373	0.250915	0.250458
265182	SO CENTRAL BELL-KY	0.216000	0.221669	0.227300	0.233013	0.238668	0.244334
270431	CADDOAN TEL CO	0.287810	0.281506	0.275205	0.268904	0.262603	0.256301
270425	CAMERON TEL CO - LA	0.336800	0.322328	0.307863	0.293397	0.278931	0.264466
270423	CENTRAL LOUISIANA	0.194400	0.203663	0.212900	0.222198	0.231465	0.240733
270436	CENTURY NORTH LA	0.294380	0.286988	0.242100	0.253931	0.264795	0.257398
270440	CENTURY TEL CO	0.164850	0.179041	0.193200	0.207424	0.221616	0.235808
270424	COASTAL TEL & ELEC	N/A	N/A	N/A	0.213300	0.225533	0.237767
270429	EAST ASCENSION TEL	0.196200	0.205210	0.214170	0.223128	0.232085	0.241043
270430	ELIZABETH TEL CO	0.206118	0.213432	0.220746	0.228059	0.235373	0.242686
270434	EVANGELINE TEL CO	0.171621	0.178152	0.191216	0.204280	0.223874	0.236937
270433	LAFOURCHE TEL CO	0.249000	0.249184	0.249347	0.249510	0.249674	0.249837
270442	LOUISIANA WESTERN	0.225930	0.227936	0.231950	0.235961	0.241978	0.245989
270435	NORTHEAST LOUISIANA	0.275269	0.271058	0.266800	0.262635	0.258423	0.254212
270438	RESERVE TEL CO	N/A	N/A	0.308100	0.293551	0.279050	0.264525
275183	SO CENTRAL BELL-LA	0.214200	0.220168	0.226100	0.232113	0.238067	0.244034
100004	CHINA TEL CORP	0.330045	0.316704	0.303364	0.290023	0.276682	0.263341
100014	CONTEL OF MAINE	0.345600	0.329673	0.313750	0.297804	0.281870	0.265935
100010	HAMPDEN TEL CO	0.284063	0.278386	0.272709	0.267031	0.261354	0.255677
100011	HARTLAND & ST ALBANS	0.300000	0.291590	0.283280	0.274960	0.266638	0.258319
100003	LINCOLNVILLE TEL CO	0.591350	0.534458	0.477567	0.420675	0.363783	0.306892
105111	NEW ENGLAND TEL-ME	0.286500	0.280419	0.274335	0.268251	0.262168	0.256084
100024	SOMERSET TEL CO	0.314840	0.304030	0.293220	0.282420	0.271613	0.260806
100025	STANDISH TEL CO	0.465375	0.429479	0.393584	0.357688	0.321792	0.285896
100027	UNION RIVER TEL CO	0.415800	0.388134	0.360507	0.332888	0.305254	0.277627
100029	UNITY TEL CO., INC.	0.327905	0.314921	0.301937	0.288952	0.275968	0.262984
100031	WARREN TEL CO	0.327400	0.314470	0.301580	0.288680	0.275788	0.262894
100034	WEST PENOBSCOT TEL	0.253800	0.253180	0.252550	0.251910	0.251273	0.250636
185030	C & P TEL CO OF MD	0.223118	0.227598	0.232100	0.236600	0.241039	0.245520
115112	NEW ENGLAND TEL-MA	0.272057	0.268381	0.264705	0.261028	0.257352	0.253676
310704	ACE TEL OF MICHIGAN	0.224448	0.228710	0.232970	0.237224	0.241483	0.245741
310681	ALLTEL MICHIGAN INC.	0.245575	0.246300	0.247100	0.247790	0.248525	0.249263
310679	BLOOMINGDALE TEL CO	0.258100	0.256741	0.255393	0.234043	0.252697	0.251348
310682	C, C & S TELCO - MI	0.212200	0.218747	0.224779	0.231084	0.237390	0.243695
310683	CARR TEL CO	0.364725	0.345604	0.326484	0.307363	0.288242	0.269121
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	0.260200	0.256800	0.253400
310702	CENTURY OF MICHIGAN	N/A	N/A	N/A	0.232200	0.238133	0.244067
310685	CHATHAM TEL CO - MI	0.239500	0.241240	0.243000	0.244750	0.246498	0.248249
310680	CHIPPEWA COUNTY TEL	0.263900	0.258509	0.256800	0.255106	0.253404	0.251702
310695	GTE NORTH INC. - MI	0.206500	0.213774	0.221000	0.228265	0.235510	0.242755
310713	HIAWATHA TEL CO	0.288200	0.281809	0.275448	0.269086	0.262724	0.256362
315090	MICHIGAN BELL TEL CO	0.191858	0.201548	0.211238	0.220929	0.230619	0.240310
310711	MIDWAY TEL CO	0.276100	0.277006	0.271600	0.266203	0.260802	0.255401
310714	OGDEN TEL CO	N/A	0.281800	0.351623	0.326217	0.300812	0.275406
310717	ONTONAGON COUNTY TEL	0.294300	0.286896	0.279500	0.272137	0.264758	0.257379
310721	PIGEON TEL CO	0.186300	0.198114	0.208500	0.218869	0.229246	0.239623
310728	SPRINGPORT TEL CO	0.210300	0.216841	0.223500	0.230104	0.236736	0.243368
310732	UPPER PENINSULA TEL	0.349001	0.332501	0.316001	0.299500	0.283000	0.266500
310737	WINN TEL CO	N/A	0.490413	0.442330	0.394248	0.346165	0.298083
310738	WOLVERINE TEL CO	0.173800	0.182680	0.196150	0.209610	0.223073	0.236536
361346	ACE TEL ASSN-MN	0.257050	0.255880	0.254700	0.253529	0.252353	0.251176
361374	ARROWHEAD COMM CORP	0.270205	0.266830	0.263460	0.260103	0.256735	0.253368
361350	ARVIG TEL CO	0.335358	0.321131	0.306900	0.292679	0.278453	0.264226
361367	CENTEL OF MN	0.238300	0.240259	0.242208	0.244156	0.246104	0.248052
361370	CLARA CITY TEL EXCH	0.280543	0.275452	0.270400	0.265271	0.260181	0.255090
361140	CONTEL MN DBA GTE MN	0.218700	0.223979	0.229200	0.234400	0.239592	0.244796
361385	EAST OTTER TAIL TEL	0.266700	0.263925	0.261140	0.258355	0.255570	0.252785

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	===== PROJECTED =====					
		1987	1988	1989	1990	1991	1992
361395	GARDEN VALLEY TEL CO	0.238285	0.240238	0.242190	0.244143	0.246095	0.248048
361186	GTE NORTH INC. - MN	0.257800	0.256518	0.255200	0.253911	0.252607	0.251304
361410	JOHNSON TEL CO	0.298202	0.290168	0.282100	0.274101	0.266068	0.258034
361414	LAKEDALE TEL CO	0.191613	0.201340	0.211070	0.220806	0.230538	0.240269
361433	MID STATE TEL CO	0.204830	0.212360	0.219890	0.227414	0.234943	0.242471
361442	NEW ULM TELECOM, INC	0.257860	0.256550	0.255200	0.253930	0.252620	0.251310
365142	NORTHWESTERN BELL-MN	0.265500	0.262955	0.260400	0.257773	0.255182	0.252591
361451	PAUL BUNYAN RURAL	0.238023	0.240019	0.242000	0.244011	0.246008	0.248004
361483	SLEEPY EYE TEL CO	0.189305	0.199421	0.209500	0.219652	0.229768	0.239884
361491	TWIN VALLEY-ULEN TEL	0.218100	0.223456	0.228765	0.234074	0.239383	0.244691
361456	UTC OF MINNESOTA	0.206000	0.213318	0.220700	0.227992	0.235327	0.242663
280453	ALLTEL MISSISSIPPI	N/A	N/A	0.269838	0.264878	0.259919	0.254960
280446	BAY SPRINGS TEL CO	0.209800	0.216555	0.223244	0.229933	0.236622	0.243311
280452	DELTA TEL CO	0.264530	0.262108	0.258477	0.254877	0.254843	0.252422
280454	FRANKLIN TEL CO - MS	0.218100	0.223453	0.226108	0.231417	0.239381	0.244691
280458	HOME TEL CO-OLIVE BR	0.510897	0.489156	0.445673	0.402190	0.336966	0.293483
285184	SO CENTRAL BELL-MS	0.249400	0.249512	0.249600	0.249700	0.249805	0.249902
280461	SOUTHEAST MS TEL CO	0.429170	0.296290	0.287040	0.277780	0.268518	0.259259
421885	ALLTEL MISSOURI	0.243000	0.244125	0.245300	0.246475	0.247650	0.248825
421865	CITIZENS TEL CO - MO	0.239200	0.241000	0.242800	0.244600	0.246400	0.248200
421922	CONTEL OF MISSOURI	0.275800	0.271467	0.267200	0.262900	0.258587	0.254294
421846	CONTINENTAL SYS. -MO	0.318856	0.307380	0.295900	0.284400	0.272952	0.261476
421873	EASTERN MISSOURI TEL	0.201200	0.209324	0.217460	0.225595	0.233730	0.241865
421882	FIDELITY TEL CO	0.222600	0.227201	0.231800	0.236320	0.240880	0.245440
421886	GOODMAN TEL CO	0.400700	0.375574	0.350459	0.325344	0.300230	0.275115
421888	GRAND RIVER MUT-MO	0.246100	0.246730	0.247380	0.248040	0.248690	0.249345
421186	GTE NORTH INC. - MO	0.296155	0.288462	0.280800	0.273077	0.265385	0.257693
421929	HOLWAY TEL CO	0.277946	0.273288	0.268630	0.263973	0.259315	0.254658
421901	KINGDOM TELEPHONE	N/A	N/A	N/A	0.310600	0.290400	0.270200
421908	LE-RU TELEPHONE CO	0.450170	0.416808	0.383447	0.350085	0.316723	0.283362
421904	MISSOURI TEL CO	0.231700	0.234754	0.237803	0.240852	0.243902	0.246951
421807	MOKAN DIAL INC-MO	0.241700	0.243063	0.244500	0.245837	0.247225	0.248613
421931	NE MISSOURI RURAL	0.281042	0.275869	0.270695	0.265521	0.260348	0.255174
421934	ORCHARD FARM TEL CO	0.248200	0.248500	0.248800	0.249100	0.249400	0.249700
425213	SOUTHWESTERN BELL-MO	0.265700	0.263077	0.260500	0.257846	0.255231	0.252615
421951	STOUTLAND TEL CO	0.277400	0.272840	0.268270	0.263703	0.259135	0.254568
421957	UTC OF MISSOURI	0.325219	0.312683	0.300146	0.287611	0.275073	0.262536
482235	BLACKFOOT TEL COOP	0.476400	0.438630	0.400900	0.363180	0.325450	0.287725
482416	GTE NORTHWEST INC-MT	0.411100	0.384256	0.357400	0.330553	0.303702	0.276851
482241	HOT SPRINGS TEL CO	0.000000	0.000000	0.409100	0.369360	0.329550	0.289775
482242	INTERBEL TEL COOP	0.521470	0.476230	0.430980	0.385740	0.340490	0.295245
482244	LINCOLN TEL CO INC	0.475700	0.438060	0.400450	0.362840	0.325225	0.287613
482246	MID-RIVERS TEL COOP	0.316743	0.305619	0.294495	0.283371	0.272248	0.261124
485104	MOUNTAIN BELL-MT	0.396300	0.371893	0.347500	0.323136	0.298757	0.274379
482247	NEMONT TEL COOP-MT	0.373100	0.352563	0.332100	0.311537	0.291025	0.270513
482248	NORTHERN TEL COOP	0.483100	0.444250	0.405400	0.641691	0.327700	0.288850
482249	NW TEL SYSTEMS, INC.	0.415800	0.388200	0.360600	0.332913	0.305275	0.277638
482250	PROJECT TEL CO	0.366300	0.346938	0.327600	0.308163	0.288775	0.269388
482251	RANGE TEL COOP-MT	0.438800	0.407330	0.375860	0.344395	0.312930	0.281465
482254	SOUTHERN MONTANA TEL	0.692900	0.589290	0.521450	0.453573	0.385715	0.317858
482257	TRIANGLE TEL COOP	0.325400	0.312820	0.300260	0.287690	0.275128	0.262564
482258	VALLEY RURAL TEL	0.713500	0.602190	0.531800	0.461313	0.390875	0.320438
482255	3-RIVERS TEL COOP	0.428700	0.398960	0.369165	0.339374	0.309583	0.279791
371516	ARAPAHOE TEL CO	0.309254	0.299378	0.289500	0.279627	0.269751	0.259876
371517	ARLINGTON TEL CO	0.288663	0.282219	0.275800	0.269328	0.262888	0.256444
372455	BENKELMAN TEL CO	0.391906	0.368255	0.344600	0.320953	0.297302	0.273651
371524	BLAIR TEL CO	0.308260	0.298550	0.288800	0.279134	0.269420	0.259710
371526	CAMBRIDGE TEL CO -NE	N/A	N/A	0.421610	0.351854	0.335805	0.292903
371531	CLARKS TEL CO	N/A	0.207667	0.216100	0.224575	0.233050	0.241525
371534	COZAD TEL CO	0.310675	0.300563	0.290500	0.280338	0.270225	0.260113
371536	CURTIS TEL CO	0.194400	0.203688	0.212950	0.222213	0.231475	0.240738
371537	DALTON TEL CO, INC	0.435925	0.404938	0.373950	0.342963	0.311975	0.280988
371540	DILLER TEL CO	0.302275	0.293563	0.284900	0.276138	0.267425	0.258713
371542	EASTERN NEBRASKA TEL	0.336500	0.322056	0.307600	0.293234	0.278823	0.264411
371577	GREAT PLAINS COMMUN	0.273007	0.269173	0.265300	0.261504	0.257669	0.253835
371186	GTE NORTH INC. - NE	0.266100	0.263458	0.260800	0.258075	0.255383	0.252692
371557	HARTMAN TEL EXCH INC	0.462025	0.426688	0.391400	0.356013	0.320675	0.285338
371558	HEMINGFORD COOP TEL	0.281700	0.276459	0.271200	0.265876	0.260584	0.255292

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME						==== PROJECTED ====	
		1987	1988	1989	1990	1991	1992	
371567	KEYSTONE-ARTHUR TEL	0.563501	0.511251	0.468001	0.418001	0.354500	0.302250	
371568	LINCOLN TEL & TEL CO	0.300000	0.291666	0.283300	0.275000	0.266665	0.258333	
371574	NEBRASKA CENTRAL TEL	0.257100	0.255856	0.229500	0.234589	0.252343	0.251171	
375143	NORTHWESTERN BELL-NE	0.346300	0.330223	0.314200	0.298134	0.282089	0.266045	
371580	PETERSBURG TEL CO	0.228400	0.232000	0.235600	0.239200	0.242800	0.246400	
371586	ROCK COUNTY TEL CO	0.282400	0.277019	0.271600	0.266211	0.260808	0.255404	
371591	SE NEBRASKA TEL CO	0.306300	0.296800	0.287500	0.278125	0.268710	0.259355	
371592	STANTON TEL CO, INC	0.196500	0.205438	0.214350	0.223263	0.232175	0.241088	
371525	THREE RIVER TELCO	0.363000	0.344125	0.325300	0.306475	0.287650	0.268825	
371595	UTC OF THE WEST-NE	0.346231	0.330192	0.314200	0.298114	0.282077	0.266039	
371597	WAUNETA TEL CO	0.348025	0.331688	0.315400	0.299013	0.282675	0.266338	
552284	BEEHIVE TEL CO - NV	N/A	0.618750	0.545000	0.471250	0.397500	0.323750	
552348	CENTEL OF NV	0.504000	0.461645	0.419316	0.376987	0.334658	0.292329	
552349	CHURCHILL COUNTY TEL	0.547000	0.497490	0.448000	0.398210	0.348998	0.299499	
552302	CONTEL OF CALIF-NV	0.685000	0.612500	0.540000	0.467500	0.395000	0.322500	
552304	CP NATIONAL-NV	0.677501	0.606250	0.535000	0.463750	0.392500	0.321250	
552223	GEM STATE UTIL-NV	0.578000	0.625000	0.653960	0.627220	0.400000	0.325000	
552351	LINCOLN CTY TEL SYS	0.570900	0.513060	0.460450	0.407840	0.355225	0.302613	
552353	MOAPA VALLEY TEL CO.	0.620000	0.555338	0.505300	0.455338	0.363835	0.306917	
555173	NEVADA BELL	0.532300	0.485231	0.438200	0.391139	0.344093	0.297046	
552354	NEVADA TEL-TELEGRAPH	0.700000	0.625000	0.550000	0.475000	0.400000	0.325000	
552356	RIO VIRGIN TEL CO	0.325000	0.612500	0.540000	0.467500	0.395000	0.322500	
552233	RURAL TEL CO - NV	0.700000	0.625000	0.550000	0.475000	0.400000	0.325000	
120038	BRETTON WOODS TEL CO	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000	
120040	CHICHESTER TEL CO	N/A	N/A	0.395180	0.358880	0.322590	0.286295	
120041	CONTEL OF NH	0.554200	0.504245	0.454200	0.404200	0.351061	0.300531	
120039	GRANITE STATE TEL	0.417243	0.389369	0.361500	0.333621	0.305748	0.277874	
120045	KEARSARGE TEL CO	0.597820	0.545510	0.497820	0.447820	0.361955	0.305978	
120046	MERIDEN TEL CO	0.730000	0.680000	0.630000	0.580000	0.395000	0.322500	
120047	MERRIMAK COUNTY TEL	0.496800	0.455716	0.414573	0.373430	0.332287	0.291143	
125113	NEW ENGLAND TEL-NH	0.384943	0.362453	0.339962	0.317472	0.294981	0.272491	
120049	UNION TEL CO	0.740000	0.690000	0.640000	0.590000	0.397500	0.323750	
120050	WILTON TEL CO - NH	0.720000	0.635660	0.535000	0.463750	0.392500	0.321250	
165120	NEW JERSEY BELL	0.301425	0.292854	0.284300	0.275700	0.267142	0.258571	
160138	UNITED TEL - NJ, INC	0.374234	0.353528	0.332823	0.312117	0.291411	0.270706	
160135	WARWICK VALLEY-NJ	0.353418	0.336182	0.318946	0.301709	0.284473	0.267236	
492259	BACA VALLEY TEL CO	0.577700	0.517290	0.463800	0.410388	0.356915	0.303458	
492177	CONTEL OF WEST - NM	0.393600	0.369625	0.345700	0.321775	0.297850	0.273925	
492066	DELL TEL CO-OP - NM	0.700000	0.625000	0.550000	0.475000	0.400000	0.325000	
492262	ENMR TEL COOP INC-NM	0.377400	0.388268	0.360600	0.332901	0.305307	0.277654	
492080	GTE SOUTHWEST INC-NM	0.426482	0.397100	0.367700	0.338241	0.308825	0.279413	
492263	LA JICARITA RURAL	0.256500	0.255460	0.254400	0.253300	0.252185	0.251093	
492264	LEACO RURAL TEL COOP	0.515667	0.471389	0.427111	0.382833	0.338556	0.294278	
495105	MOUNTAIN BELL-NM	0.330750	0.317299	0.303800	0.290380	0.276920	0.263460	
492275	NAVAJO COMMUN - NM	0.667600	0.598000	0.528400	0.458800	0.389200	0.319600	
492270	PENASCO VALLEY TEL	0.523300	0.477750	0.432200	0.386650	0.341100	0.295550	
492272	ROOSEVELT CNTY RURAL	0.334600	0.320480	0.306400	0.292300	0.278193	0.264096	
492274	UNIVERSAL TEL OF SW	0.430100	0.400060	0.370050	0.340038	0.310253	0.280126	
492176	VALLEY TEL COOP - NM	0.541329	0.492774	0.444220	0.395665	0.347110	0.298555	
492268	WESTERN NEW MEXICO	0.413300	0.455796	0.414600	0.373477	0.332318	0.291159	
150106	ALLTEL NY-FULTON	0.199600	0.208002	0.216400	0.224801	0.233201	0.241600	
150109	ALLTEL NY-JAMESTOWN	0.249400	0.249528	0.249600	0.249717	0.249811	0.249906	
150113	ALLTEL NY-RED JACKET	0.219500	0.224583	0.229700	0.234759	0.239833	0.244917	
150072	AU SABLE VALLEY TEL	0.309600	0.299623	0.289698	0.279774	0.269849	0.259925	
150077	CHAMPLAIN TEL CO	0.467800	0.431494	0.395195	0.358896	0.322598	0.286299	
150078	CHAUTAUGUA & ERIE	0.389100	0.365891	0.342713	0.319535	0.296357	0.273178	
150081	CITIZENS HAMMOND NY	0.230500	0.233749	0.236999	0.240249	0.243500	0.246750	
150096	CONTEL OF NY, INC	0.229680	0.236625	0.236454	0.239840	0.244650	0.247325	
150085	CROWN POINT TEL CORP	0.263200	0.261031	0.258825	0.256618	0.254412	0.252206	
150091	DUNKIRK & FREDONIA	0.240900	0.242430	0.243944	0.245458	0.246972	0.248486	
150092	EDWARDS TEL CO	0.198000	0.206660	0.215330	0.224000	0.232665	0.241333	
150093	EMPIRE TEL CORP	0.260400	0.258426	0.256921	0.255191	0.253371	0.251685	
150097	GERMANTOWN TEL CO	0.279100	0.274256	0.269405	0.264554	0.259703	0.254851	
150099	HANCOCK TEL CO	0.292500	0.285438	0.278351	0.271263	0.264175	0.257088	
150100	HIGHLAND TEL CO	0.291000	0.284161	0.277329	0.270496	0.263664	0.256832	
150105	MIDDLEBURGH TEL CO	0.216000	0.221610	0.227288	0.232966	0.238644	0.244322	
155130	NEW YORK TEL CO	0.274200	0.270204	0.266200	0.262122	0.258082	0.254041	
150108	NICHOLVILLE TEL CO	0.213300	0.219409	0.225527	0.231645	0.237764	0.243882	

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
150110	OGDEN TEL CO	0.200900	0.209035	0.217228	0.225421	0.233614	0.241807
150116	PATTERSONVILLE TEL	N/A	N/A	0.378400	0.346280	0.314200	0.282100
150119	RED HOOK TEL CO	0.285300	0.279361	0.273489	0.267616	0.261744	0.255872
150121	ROCHESTER TEL CORP	0.228777	0.232314	0.235900	0.239400	0.242926	0.246463
150122	SENECA-GORHAM TEL	0.213900	0.219856	0.225885	0.231914	0.237943	0.243971
150128	SYLVAN LAKE TEL CO	0.278800	0.274009	0.269208	0.264405	0.259604	0.254802
150084	TACONIC TEL CORP	0.344100	0.328406	0.312700	0.297043	0.281362	0.265681
150133	VERNON TEL CO	0.257100	0.255861	0.254689	0.253516	0.252344	0.251172
150135	WARWICK VALLEY-NY	0.353400	0.336182	0.318940	0.301709	0.284473	0.267236
150136	WESTERN COUNTIES TEL	0.243218	0.244348	0.245478	0.246609	0.247740	0.248870
230476	ALLTEL CAROLINA-NO	0.213577	0.219648	0.225718	0.231789	0.237859	0.243930
230468	ATLANTIC MEMBERSHIP	0.227100	0.230944	0.234756	0.238567	0.242378	0.246189
230469	BARNARDSVILLE TEL CO	0.210830	0.217360	0.223890	0.230414	0.236943	0.243471
230470	CAROLINA TEL & TEL	0.245826	0.246522	0.247218	0.247913	0.248609	0.249304
230471	CENDEL OF NC	0.213177	0.219314	0.225452	0.231589	0.237726	0.243863
230473	CITIZENS TEL CO	0.248700	0.248854	0.249084	0.249313	0.249542	0.249771
230474	CONCORD TEL CO	0.170940	0.184116	0.197293	0.210470	0.223647	0.236823
230509	CENDEL OF NC	0.278300	0.273564	0.268900	0.264138	0.259426	0.254713
230479	GTE SOUTH INC - NC	0.295200	0.287625	0.280100	0.272575	0.265050	0.257525
230481	HEINS TEL CO	0.215600	0.221308	0.227046	0.232785	0.238523	0.244262
235193	SOUTHERN BELL-NC	0.245600	0.246318	0.247100	0.247800	0.248527	0.249264
230502	STAR MEMBERSHIP CORP	0.154300	0.170256	0.186200	0.202153	0.218102	0.234051
230510	WILKES MEMBERSHIP	0.125800	0.146492	0.167194	0.187895	0.208597	0.229298
381607	CONSOLIDATED COOP	0.319200	0.307669	0.296136	0.284602	0.273068	0.261534
381447	CONTEL ND DBA GTE ND	0.280700	0.275775	0.270620	0.265465	0.260310	0.255155
381616	INTER-COMMUNITY TEL	0.223000	0.227491	0.231993	0.236495	0.240997	0.245498
381617	MIDSTATE TEL CO	0.391135	0.367612	0.344100	0.320568	0.297045	0.273523
385144	NORTHWESTERN BELL-ND	0.305600	0.296339	0.287100	0.277804	0.268536	0.259268
381630	POLAR COMM MUT AID	0.247030	0.247525	0.248000	0.248515	0.249010	0.249505
381632	RESERVATION TEL COOP	0.324100	0.311750	0.299400	0.287050	0.274700	0.262350
381634	SOURIS RIVER TELECOM	0.402900	0.377445	0.351956	0.326467	0.300978	0.275489
381637	W. RIVER TELECOM.	0.346300	0.330260	0.314200	0.298150	0.282103	0.266051
300665	ALLTEL OHIO-WEST OH	0.213900	0.219966	0.226000	0.231980	0.237987	0.243993
300682	C, C & S TELCO -OHIO	0.272800	0.272599	0.268079	0.263559	0.259040	0.254520
300630	CENDEL OF OHIO	0.196323	0.205269	0.214216	0.223162	0.232108	0.241054
305062	CINCINNATI BELL-OH	0.210500	0.217049	0.223600	0.230230	0.236820	0.243410
300607	CONTINENTAL OF OHIO	0.184040	0.195030	0.206030	0.217020	0.228013	0.239006
300615	GTE NORTH INC. - OH	0.231800	0.234845	0.237900	0.240907	0.243938	0.246969
300613	LITTLE MIAMI COMM.	0.175200	0.187660	0.200130	0.215160	0.225065	0.237533
305150	OHIO BELL TEL CO	0.210377	0.216981	0.223585	0.230188	0.236792	0.243396
300597	THE CHILLICOTHE TEL	0.164367	0.178639	0.192900	0.207184	0.221456	0.235728
300661	UTC OF OHIO	0.225100	0.229244	0.233400	0.237547	0.241698	0.245849
431965	ALLTEL OKLAHOMA INC	0.321300	0.309438	0.297550	0.285663	0.273775	0.261888
431966	ATLAS TEL CO	N/A	0.486996	0.439597	0.392197	0.344798	0.297399
431974	CANADIAN VALLEY TEL	0.349000	0.332484	0.320111	0.303615	0.282994	0.266497
431976	CARNEGIE TEL CO INC	0.265500	0.262886	0.260309	0.257732	0.255155	0.252577
431979	CHEROKEE TEL CO	0.383000	0.360805	0.338644	0.316483	0.294322	0.272161
431980	CHICKASAW TEL CO	0.310909	0.300758	0.290600	0.280455	0.270303	0.260152
431981	CHOUTEAU TEL CO	0.301200	0.292680	0.284144	0.275608	0.267075	0.258538
431985	CROSS TEL CO	0.271800	0.268137	0.264510	0.260882	0.257255	0.253627
431988	DOBSON TEL CO	0.368500	0.348750	0.329000	0.309250	0.289500	0.269750
431994	GRAND TEL CO INC	0.431900	0.401559	0.371248	0.340936	0.310624	0.280312
432080	GTE SOUTHWEST INC-OK	0.310187	0.300200	0.290100	0.280094	0.270050	0.260025
431995	HINTON TEL CO	0.225300	0.229421	0.233536	0.237652	0.241768	0.245884
431788	KANOKLA TEL ASSN-OK	0.336295	0.321910	0.307530	0.293148	0.278765	0.264383
432006	MCLLOUD TEL CO	0.203938	0.211615	0.219300	0.226969	0.234646	0.242323
432011	OKLAHOMA ALLTEL, INC	0.307000	0.297500	0.288000	0.278500	0.269000	0.259500
431984	OKLAHOMA COMM SYSTEM	0.240000	0.241690	0.243350	0.245010	0.246675	0.248338
432013	OKLAHOMA TEL & TEL	0.276429	0.272024	0.267600	0.263214	0.258810	0.254405
432014	OKLAHOMA WESTERN TEL	0.364588	0.345490	0.326392	0.307294	0.288196	0.269098
432016	PANHANDLE TEL COOP	0.526200	0.480050	0.434079	0.388059	0.342040	0.296020
432018	PIONEER TEL COOP INC	0.270310	0.266925	0.263500	0.260155	0.256770	0.253385
432020	POTTAWATOMIE TEL CO	0.255900	0.254894	0.253915	0.252936	0.251958	0.250979
431831	S. CENTRAL TEL - OK	0.393130	0.369275	0.345420	0.321565	0.297710	0.273855
435215	SOUTHWESTERN BELL-OK	0.304200	0.295177	0.286142	0.277106	0.268071	0.259035
432030	TOTAH TELEPHONE CO	0.325749	0.313124	0.300500	0.287875	0.275250	0.262625
432032	VALLIANT TEL CO	0.331794	0.318161	0.304500	0.290897	0.277265	0.263632
432034	WYANDOTTE TEL CO	0.654340	0.579340	0.529340	0.479340	0.363585	0.306793

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
532404	ASOTIN TEL - OR	0.750000	0.625000	0.550000	0.475000	0.400000	0.325000
532359	BEAVER CREEK COOP	0.255000	0.254110	0.253280	0.252460	0.251643	0.250821
532304	C P NATIONAL CORP-OR	0.444900	0.412414	0.379931	0.347448	0.314966	0.282483
532362	CANBY TEL ASSN	0.287200	0.281020	0.274810	0.268610	0.262408	0.256204
532371	CASCADE UTIL INC	0.303500	0.294553	0.285640	0.276730	0.267822	0.258911
532363	CLEAR CREEK MUTUAL	0.252600	0.252240	0.251800	0.251360	0.250888	0.250444
532364	COLTON TEL CO	0.313200	0.302710	0.292170	0.281630	0.271085	0.260543
532449	CONTEL OF THE NW- OR	0.294900	0.287426	0.279941	0.272455	0.264970	0.257485
532416	GTE NORTHWEST INC-OR	0.356200	0.338536	0.320800	0.303122	0.285415	0.267707
532376	HELIX TEL CO.	0.414700	0.387230	0.359780	0.332340	0.304890	0.277445
532377	HOME TELEPHONE CO	0.316200	0.305140	0.294110	0.283080	0.272055	0.261028
532456	MALHEUR HOME TEL CO	0.348400	0.384812	0.357800	0.330887	0.303925	0.276962
532226	MIDVALE TEL EXCH -OR	0.302990	0.406410	0.375100	0.343800	0.312563	0.281281
532383	MOLALLA TEL CO.	0.257600	0.256290	0.255030	0.253770	0.252515	0.251258
532385	MONROE TELEPHONE CO.	0.382500	0.360430	0.338350	0.316260	0.294173	0.272086
532387	NEHALEM TEL & TEL	0.413100	0.385860	0.358690	0.331520	0.304345	0.277173
532388	NORTH STATE TEL CO.	0.329100	0.340190	0.322160	0.304120	0.286078	0.268039
532389	OREGON TEL CORP	0.378200	0.373910	0.349130	0.324340	0.299563	0.274781
535163	PACIFIC NW BELL-OR	0.308200	0.298511	0.288800	0.279106	0.269404	0.259702
532392	PINE TEL SYSTEM INC.	0.283800	0.494080	0.445300	0.396430	0.347633	0.298816
532393	PIONEER TEL COOP	0.374000	0.353290	0.332640	0.311980	0.291318	0.270659
532375	RTI/HALSEY TEL CO	0.385600	0.363000	0.340400	0.317815	0.295200	0.272600
532397	SCIO MUTUAL TEL ASSN	0.245100	0.245920	0.246750	0.247570	0.248368	0.249184
532361	TEL UTIL OF OREGON	0.352200	0.348894	0.329100	0.309336	0.289558	0.269779
532378	TRANS-CASCADES TEL	0.446000	0.413320	0.380670	0.348010	0.315328	0.282664
532400	UTC OF THE NW - OR	0.378200	0.356800	0.335500	0.314101	0.292734	0.271367
175000	BELL OF PENNSYLVANIA	0.223900	0.228220	0.232600	0.236900	0.241288	0.245644
170170	CONTEL OF PA	0.258900	0.257392	0.255913	0.254435	0.252957	0.251478
170169	GTE NORTH INC. - PA	0.228600	0.232171	0.235700	0.239303	0.242868	0.246434
170177	LACKAWAXEN TEL CO	0.665256	0.596047	0.526838	0.457628	0.388419	0.319209
170183	MAHANAY & MAHANTONGO	N/A	0.198850	0.209080	0.219310	0.229540	0.239770
170192	NORTH PENN TEL CO	0.316800	0.305706	0.294565	0.283423	0.272282	0.261141
170194	OSWAYO RIVER TEL CO	0.415721	0.388101	0.360481	0.332860	0.305240	0.277620
170201	QUAKER STATE TEL CO	0.299300	0.291052	0.282842	0.274633	0.266421	0.258211
170206	SUGAR VALLEY TEL CO	0.258320	0.256930	0.255550	0.254160	0.252773	0.251386
170209	UTC OF PENNSYLVANIA	0.227306	0.231088	0.234871	0.238804	0.242435	0.246218
585114	NEW ENGLAND TEL - RI	0.277593	0.272994	0.268396	0.263797	0.259198	0.254599
633200	PUERTO RICO COMM	0.226995	0.230829	0.234664	0.234664	0.242332	0.246166
633201	PUERTO RICO TEL CO	0.255164	0.254303	0.253400	0.252600	0.251721	0.250861
240512	BLUFFTON TEL. CO.	0.533400	0.486098	0.450683	0.403464	0.344439	0.297220
240526	CONTEL OF SC	0.277800	0.273116	0.268500	0.263869	0.259246	0.254623
240520	FARMERS TEL COOP	0.272000	0.268292	0.264634	0.260976	0.257317	0.253659
240479	GTE SOUTH INC. - SC	0.309300	0.299446	0.289600	0.279668	0.269779	0.259889
240523	HARGRAY TEL CO	0.289669	0.526887	0.485355	0.429977	0.360755	0.305377
240528	HORRY TEL COOP	0.596109	0.278209	0.272039	0.272039	0.261754	0.255877
240533	MCCLELLANVILLE TEL	0.303600	0.294630	0.285700	0.276775	0.267850	0.258925
240539	POND BRANCH TEL CO	0.206100	0.213363	0.218859	0.226187	0.235345	0.242673
245194	SOUTHERN BELL-SC	0.228000	0.231689	0.235400	0.239000	0.242676	0.246338
240506	UTC OF THE CAROLINAS	0.281200	0.276017	0.270813	0.265610	0.260407	0.255203
240551	WILLISTON TEL CO	0.215700	0.221410	0.227130	0.232848	0.238565	0.244283
391647	CHEYENNE RIVER SIOUX	0.286940	0.280783	0.274627	0.268470	0.262313	0.256157
391643	CONTEL SD DBA GTE SD	0.357400	0.339575	0.321658	0.303744	0.285830	0.267915
391659	GOLDEN WEST TELECOMM	0.366500	0.347279	0.327824	0.308368	0.288912	0.269456
391666	JEFFERSON TEL CO -SD	0.730000	0.654350	0.540000	0.417510	0.395000	0.322500
391667	KADOKA TELEPHONE CO	0.611300	0.561300	0.511300	0.461300	0.365325	0.307663
391668	KENNEBEC TEL CO	0.290100	0.283378	0.276702	0.270027	0.263351	0.256676
395145	NORTHWESTERN BELL-SD	0.334000	0.320003	0.306000	0.292002	0.278001	0.264001
391689	WEST RIVER COOP	0.311500	0.301219	0.290975	0.280731	0.270488	0.260244
290552	ADAMSVILLE TEL CO	0.244790	0.245592	0.246394	0.247195	0.248397	0.249199
290479	GTE SOUTH INC. - TN	0.237623	0.239686	0.241700	0.243812	0.245875	0.247937
290571	MILLINGTON TEL CO	0.355600	0.338052	0.320442	0.302831	0.285221	0.267610
295185	SO. CENTRAL BELL -TN	0.230200	0.233512	0.236800	0.240100	0.243405	0.246702
290575	TENNESSEE TEL CO	0.193140	0.202620	0.212100	0.221571	0.231048	0.240524
290579	TWIN LAKES TEL COOP	0.193800	0.203193	0.212600	0.221916	0.231277	0.240639
290567	UNITED INTER-MT-TN	0.226900	0.230763	0.234610	0.238458	0.242305	0.246153
442121	ALLTEL TEXAS INC	0.254500	0.253750	0.253000	0.252250	0.251500	0.250750
442039	BIG BEND TEL CO INC	0.371100	0.350858	0.330700	0.310515	0.290343	0.270172
442040	BRAZORIA TEL CO	0.170200	0.183515	0.196812	0.210109	0.223406	0.236703

TABLE 4.17
INTERSTATE SUBSCRIBER PLANT FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	==== PROJECTED ====					
		1987	1988	1989	1990	1991	1992
522416	GTE NORTHWEST INC-WA	0.307200	0.297670	0.288100	0.278602	0.269068	0.259534
522417	HAT ISLAND	N/A	N/A	0.407500	0.368100	0.328750	0.289375
522419	HOOD CANAL TEL CO	0.413600	0.386300	0.359100	0.331788	0.304525	0.277263
522423	INLAND TEL CO -WA	0.332650	0.318900	0.305100	0.291325	0.277550	0.263775
522426	KALAMA TEL CO	0.424800	0.395700	0.366600	0.337413	0.308275	0.279138
522427	LEWIS RIVER TEL CO	0.392900	0.369054	0.345200	0.321400	0.297622	0.273811
522431	MASHELL TEL CO INC	0.275500	0.271276	0.267000	0.262800	0.258511	0.254255
525161	PACIFIC NW BELL-WA	0.289300	0.282769	0.276200	0.269662	0.263108	0.256554
522436	PENINSULA TELECOMM	0.324100	0.311800	0.299400	0.287050	0.274700	0.262350
522437	PIONEER TEL CO	0.291900	0.284900	0.278000	0.270963	0.263975	0.256988
522442	ST JOHN TEL CO	0.241800	0.242300	0.243800	0.245350	0.246900	0.248450
522408	TEL UTIL OF WA INC	0.391400	0.374800	0.349800	0.324888	0.299925	0.274963
522446	TENINO TELEPHONE CO	0.239000	0.240800	0.242700	0.244488	0.246325	0.248163
522447	TELEDO TELEPHONE CO	0.237300	0.239436	0.241500	0.243662	0.245775	0.246887
522400	UTC OF THE NW-WA	0.367200	0.347700	0.328137	0.308602	0.289075	0.269538
522451	WESTERN WAHAKIACUM	N/A	N/A	0.257200	0.255400	0.253600	0.251800
522452	WHIDBEY TEL CO	N/A	N/A	0.386000	0.352000	0.318000	0.284000
522453	YELM TELEPHONE CO	0.276900	0.272430	0.267920	0.263430	0.258970	0.254485
205050	C & P TEL CO OF WV	0.223900	0.228229	0.232600	0.236900	0.241292	0.245646
200278	CONTEL OF WV	0.230900	0.234033	0.237227	0.240420	0.243614	0.246807
200479	GTE SOUTH INC. - WV	0.282470	0.277059	0.271600	0.266235	0.260824	0.255412
200259	HARDY TEL CO	0.251950	0.251630	0.251300	0.251000	0.250653	0.250326
200270	MOUNTAIN STATE TEL	0.226915	0.230763	0.234600	0.238458	0.242305	0.246153
330841	CENCOM OF WISCONSIN	0.242650	0.243880	0.245110	0.246340	0.247548	0.248774
330859	CENTRAL STATE TEL CO	0.214200	0.220110	0.226090	0.232060	0.238043	0.244021
330895	CENTURY OF WISCONSIN	N/A	N/A	N/A	0.254600	0.253067	0.251533
330860	CHEQUAMEGON TEL COOP	0.382500	0.360370	0.329200	0.309400	0.294148	0.272074
330870	CRANDON TEL CO	0.194300	0.203537	0.212830	0.222122	0.231415	0.240707
330886	GTE NORTH INC. - WI	0.258300	0.256948	0.255600	0.254169	0.252779	0.251390
330891	HEADWATERS TEL CO	0.305777	0.296481	0.287185	0.277888	0.268592	0.259296
330936	INDIANHEAD TEL CO	0.356050	0.316270	0.303010	0.289750	0.276513	0.263256
330908	MARQUETTE-ADAMS COOP	0.487400	0.447790	0.408240	0.368680	0.329118	0.289559
330909	MIDWAY TEL CO	0.214000	0.220030	0.226020	0.232020	0.238010	0.244005
330913	NORRIS COUNTY TEL CO	0.296500	0.288770	0.281015	0.273261	0.265508	0.257754
330916	MOUNT HOREB TEL CO	0.272800	0.241074	0.242859	0.241611	0.246430	0.248215
330917	MT VERNON TEL CO	0.225400	0.229510	0.233610	0.237710	0.241805	0.245903
330922	NORTH-WEST TEL CO	0.248082	0.248401	0.248721	0.249041	0.249361	0.249680
330931	PEOPLES TEL CO	0.202100	0.218090	0.224470	0.230850	0.237235	0.243618
330934	PLATTEVILLE TEL CO	0.311800	0.301496	0.291197	0.280897	0.270598	0.260299
330937	PRICE COUNTY TEL CO	0.280600	0.275500	0.270400	0.265300	0.260200	0.255100
330940	RHINELANDER TEL CO	0.235089	0.237574	0.240060	0.242545	0.245030	0.247515
330952	SE TEL OF WISCONSIN	0.201600	0.209693	0.217754	0.225816	0.233877	0.241939
330950	OLON SPRINGS TEL CO	0.388100	0.326010	0.310810	0.295608	0.280405	0.265203
330956	UNIVERSAL OF N WISC	0.475800	0.275880	0.270705	0.265529	0.260353	0.255176
330964	URBAN TEL CORP	0.214360	0.220300	0.226240	0.232180	0.238120	0.244060
330963	UTELCO, INC	0.269700	0.266428	0.263142	0.259857	0.256571	0.253286
335220	WISCONSIN BELL	0.227587	0.231323	0.235100	0.238794	0.242529	0.246265
330974	WOOD COUNTY TEL CO	0.215000	0.220810	0.226648	0.232486	0.238324	0.244162
512291	DUBOIS TEL EXCHANGE	0.692500	0.618750	0.568640	0.471250	0.397500	0.323750
515108	MOUNTAIN BELL-WY	0.487800	0.448128	0.408500	0.368877	0.329251	0.289626
512251	RANGE TEL COOP - WY	0.543900	0.494930	0.445940	0.396955	0.347970	0.298985
512295	SILVER STAR TEL-WY	0.720000	0.606250	0.535000	0.463750	0.392500	0.321250
512299	TEL. UTIL. OF WY.	0.682000	0.638000	0.583000	0.532975	0.384500	0.317250
512297	UNION TELEPHONE CO	0.694400	0.590300	0.522200	0.454150	0.386100	0.318050
512290	UTAH-WYOMING TELECOM	0.730000	0.612500	0.540000	0.467500	0.395000	0.322500
511595	UTC OF THE WEST-WY	0.437800	0.406490	0.375200	0.343892	0.312597	0.281298
AVGERAGE SCHEDULE ESTIMATE		0.317500	0.306250	0.295000	0.283750	0.272500	0.261250

***PLEASE NOTE THAT AVERAGE SCHEDULE DATA ARE ESTIMATED FROM COST COMPANY DATA

***1991 AND 1992 DATA HAVE BEEN PROJECTED BY NECA

TABLE 4.18
INTERSTATE SUBSCRIBER LINE USAGE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
502288	UT-WY TELECOM	0.078568	0.161774	0.172769	0.186140	105.90%	6.80%	7.74%
140070	CONTEL OF VERMONT	0.237390	0.240613	0.234300	0.239811	1.36%	-2.62%	2.35%
140058	LUDLOW TEL CO	0.271005	0.299500	0.343660	0.380845	10.51%	14.74%	10.82%
140061	NORTHFIELD TEL CO	0.272072	0.296500	0.339690	0.299774	8.98%	14.57%	-11.75%
140062	PERKINSVILLE TEL CO	0.276870	0.278580	0.303660	0.350701	0.62%	9.00%	15.49%
140068	TOPSHAM TEL CO	0.210735	0.182530	0.197200	0.240816	-13.38%	8.04%	22.12%
643300	VIRGIN ISLANDS TEL	0.158384	0.160910	0.160910	0.183279	1.59%	0.00%	13.90%
140069	WAITSFIELD/FAYSTON	0.273165	0.365576	0.392200	0.392827	33.83%	7.28%	0.16%
190217	AMELIA TEL CORP	0.086392	0.107780	0.105390	0.108674	24.76%	-2.22%	3.12%
190249	ROANOKE & BOTETOURT	N/A	0.103607	0.141602	0.154205	N/A	36.67%	8.90%
522404	ASOTIN TEL - WA	0.122560	0.131780	0.144330	0.184275	7.52%	9.52%	27.68%
522449	CONTEL OF THE NW-WA	0.135823	0.131885	0.148700	0.196087	-2.90%	12.75%	31.87%
522410	COWICHE TELEPHONE CO	0.105700	0.114600	0.128600	0.131051	8.42%	12.22%	1.91%
522412	ELLENSBURG TEL CO	0.125385	0.152003	0.156822	0.171235	21.23%	3.17%	9.19%
522417	HAT ISLAND	N/A	N/A	0.134100	0.140000	N/A	N/A	4.40%
522419	HOOD CANAL TEL CO	0.194700	0.185800	0.200600	0.197468	-4.57%	7.97%	-1.56%
522423	INLAND TEL CO -WA	0.142900	0.160200	0.169500	0.160675	12.11%	5.81%	-5.21%
522426	KALAMA TEL CO	0.167200	0.165700	0.170900	0.177617	-0.90%	3.14%	3.93%
522427	LEWIS RIVER TEL CO	0.217789	0.236591	0.239100	0.324000	8.63%	1.06%	35.51%
522431	MASHELL TEL CO INC	0.127007	0.134623	0.167600	0.175589	6.00%	24.50%	4.77%
522436	PENINSULA TELECOMM	0.158168	0.182700	0.150100	0.182088	15.51%	-17.84%	21.31%
522437	PIONEER TEL CO	0.121200	0.132300	0.139206	0.109894	9.16%	5.22%	-21.06%
522442	ST JOHN TEL CO	0.153900	0.137600	0.139200	0.150993	-10.59%	1.16%	8.47%
522408	TEL UTIL OF WA INC	0.148498	0.168700	0.183200	0.192822	13.60%	8.60%	5.25%
522446	TENINO TELEPHONE CO	0.130900	0.161500	0.164800	0.137385	23.38%	2.04%	-16.64%
522447	TOLEDO TELEPHONE CO	0.142351	0.170692	0.198800	0.192972	19.91%	16.47%	-2.93%
522451	WESTERN WAHIAKUM	N/A	N/A	0.177000	0.193300	N/A	N/A	9.21%
522452	WHIDBEY TEL CO	N/A	N/A	0.191900	0.274700	N/A	N/A	43.15%
522453	YELM TELEPHONE CO	0.105812	0.140870	0.157600	0.184890	33.13%	11.88%	17.32%
200278	CONTEL OF WV	0.116211	0.121100	0.104900	0.134374	4.21%	-13.38%	28.10%
200259	HARDY TEL CO	0.128290	0.123980	0.137600	0.169442	-3.36%	10.99%	23.14%
200270	MOUNTAIN STATE TEL	0.098462	0.109791	0.123900	0.121813	11.51%	12.85%	-1.68%
330841	CENCOM OF WISCONSIN	0.101438	0.097940	0.106900	0.134664	-3.45%	9.05%	25.97%
330859	CENTRAL STATE TEL CO	0.091168	0.125310	0.118030	0.149540	37.45%	-5.81%	26.70%
330895	CENTURY OF WISCONSIN	N/A	N/A	N/A	0.191000	N/A	N/A	N/A
330860	CHEQUAMEGON TEL COOP	0.188767	0.205070	0.223910	0.227118	8.64%	9.19%	1.43%
330870	CRANDON TEL CO	0.091679	0.095922	0.101941	0.112237	4.63%	6.27%	10.10%
330891	HEADWATERS TEL CO	0.137527	0.175935	0.160463	0.189441	27.93%	-8.79%	18.06%
330936	INDIANHEAD TEL CO	0.135755	0.153450	0.165700	0.188455	13.03%	7.98%	13.73%
330908	MARQUETTE-ADAMS COOP	0.271670	0.291990	0.291640	0.307000	7.48%	-0.12%	5.27%
330909	MIDWAY TEL CO	0.084381	0.131430	0.131520	0.142790	55.76%	0.07%	8.57%
330913	MONROE COUNTY TEL CO	0.147014	0.167365	0.166454	0.187907	13.84%	-0.54%	12.89%
330916	MOUNT HOREB TEL CO	0.087140	0.100246	0.113430	0.152194	15.04%	13.15%	34.17%
330917	MT VERNON TEL CO	0.098135	0.110280	0.121930	0.145210	12.38%	10.56%	19.09%
330922	NORTH-WEST TEL CO	0.104923	0.122054	0.127686	0.132842	16.33%	4.61%	4.04%
330931	PEOPLES TEL CO	0.080009	0.102230	0.117240	0.136200	27.77%	14.68%	16.17%
330934	PLATTEVILLE TEL CO	0.137597	0.153779	0.160504	0.172002	11.76%	4.37%	7.16%
330937	PRICE COUNTY TEL CO	0.125470	0.335700	0.344100	0.177700	167.55%	2.50%	-48.36%
330940	RHINELANDER TEL CO	0.108792	0.128949	0.140306	0.146985	18.53%	8.81%	4.76%
330952	SE TEL OF WISCONSIN	0.116974	0.111519	0.119186	0.119705	-4.66%	6.88%	0.44%
330950	OLON SPRINGS TEL CO	0.173897	0.196163	0.224432	0.260261	12.80%	14.41%	15.96%
330956	UNIVERSAL OF N WISC	0.130310	0.147474	0.153020	0.180022	13.17%	3.76%	17.65%
330964	URBAN TEL CO	0.065651	0.080629	0.097029	0.114409	22.81%	20.34%	17.91%
330963	UTELCO, INC	0.148022	0.128000	0.148300	0.148046	-13.53%	15.86%	-0.17%
330974	WOOD COUNTY TEL CO	0.087839	0.096939	0.109836	0.119068	10.36%	13.30%	8.41%
512291	DUBOIS TEL EXCHANGE	0.290688	0.301360	0.299700	0.327780	3.67%	-0.55%	9.37%
512251	RANGE TEL COOP - WY	0.221760	0.206486	0.217830	0.296050	-6.89%	5.49%	35.91%
512295	SILVER STAR TEL-WY	0.306948	0.299628	0.333223	0.327380	-2.38%	11.21%	-1.75%
512299	TEL. UTIL. OF WY.	0.273358	0.325700	0.335200	0.295362	19.15%	2.92%	-11.88%
512297	UNION TELEPHONE CO	0.233539	0.247423	0.269600	0.273300	5.95%	8.96%	1.37%
512290	UTAH-WYOMING TELECOM	0.329401	0.325514	0.347185	0.425597	-1.18%	6.66%	22.59%
COST COMPANIES AVERAGE		0.120058	0.127755	0.133946	0.136470	6.41%	4.85%	1.88%
AVERAGE SCHEDULE ESTIMATE		0.129200	0.127300	0.138400	0.160100	-1.47%	8.72%	15.68%

***PLEASE NOTE THAT AVERAGE SCHEDULE DATA ARE ESTIMATED FROM COST COMPANY DATA

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA
ANNUAL PERCENTAGE CHANGES

SA CODE	COMPANY NAME	1987	1988	1989	1990	1988	1989	1990
495105	MOUNTAIN BELL-NM	0.165177	0.151608	0.158200	0.160908	-8.21%	4.35%	1.71%
150096	CONTEL OF NY, INC	0.112892	0.122799	0.122978	0.124388	8.78%	5.44%	-3.93%
155130	NEW YORK TEL CO	0.141906	0.146439	0.153700	0.157151	3.19%	4.96%	2.25%
150119	RED HOOK TEL CO	0.134123	0.146169	0.152820	0.152410	8.98%	4.55%	-0.27%
150121	ROCHESTER TEL CORP	0.088454	0.093915	0.096700	0.099325	6.17%	2.97%	2.71%
150136	WESTERN COUNTIES TEL	0.129638	0.152967	0.168591	0.161000	18.00%	10.21%	-4.50%
230470	CAROLINA TEL & TEL	0.134463	0.145035	0.154058	0.144164	7.86%	6.22%	-6.42%
230471	CENTEL OF NC	0.091603	0.104163	0.107436	0.117601	13.71%	3.14%	9.46%
230479	GTE SOUTH INC - NC	0.160351	0.153257	0.147700	0.155986	-4.42%	-3.63%	5.61%
235193	SOUTHERN BELL-NC	0.134543	0.136843	0.143500	0.144174	1.71%	4.86%	0.47%
385144	NORTHWESTERN BELL-ND	0.166236	0.163716	0.179900	0.191868	-1.52%	9.89%	6.65%
300630	CENTEL OF OHIO	0.113221	0.112612	0.084300	0.098940	-0.54%	-25.14%	17.37%
305062	CINCINNATI BELL-OH	0.117554	0.107104	0.111900	0.108892	-8.89%	4.48%	-2.69%
300615	GTE NORTH INC. - OH	0.094699	0.104460	0.115675	0.119423	10.31%	10.74%	3.24%
305150	OHIO BELL TEL CO	0.113539	0.110687	0.117297	0.123247	-2.51%	5.97%	5.07%
300661	UTC OF OHIO	0.104759	0.152679	0.136800	0.132547	45.74%	-10.40%	-3.11%
432080	GTE SOUTHWEST INC-OK	0.169032	0.158570	0.155300	0.151834	-6.19%	-2.06%	-2.25%
435215	SOUTHWESTERN BELL-OK	0.134667	0.139618	0.148700	0.148528	3.68%	6.50%	-0.12%
532416	GTE NORTHWEST INC-OR	0.140981	0.165983	0.174900	0.173767	17.73%	5.37%	-0.65%
535163	PACIFIC NW BELL-OR	0.165326	0.162181	0.165900	0.167233	-1.90%	2.29%	0.80%
532400	UTC OF THE NW - OR	0.143934	0.165204	0.170400	0.175342	14.78%	3.15%	2.90%
175000	BELL OF PENNSYLVANIA	0.120910	0.127704	0.132000	0.137149	5.62%	3.36%	3.90%
170169	GTE NORTH INC. - PA	0.096661	0.109572	0.117000	0.123534	13.36%	6.78%	5.58%
170209	UTC OF PENNSYLVANIA	0.109011	0.119119	0.130665	0.123253	9.27%	9.69%	-5.67%
633201	PUERTO RICO TEL CO	0.088888	0.102359	0.094600	0.103605	15.16%	-7.58%	9.52%
585114	NEW ENGLAND TEL - RI	0.177480	0.181124	0.200828	0.203300	2.05%	10.88%	1.23%
240479	GTE SOUTH INC. - SC	0.170295	0.175353	0.176600	0.177916	2.97%	0.71%	0.75%
245194	SOUTHERN BELL-SC	0.125704	0.129189	0.133600	0.137160	2.77%	3.41%	2.66%
240506	UTC OF THE CAROLINAS	0.176250	0.130932	0.137193	0.158513	-25.71%	4.78%	15.54%
395145	NORTHWESTERN BELL-SD	0.191952	0.197236	0.198900	0.202477	2.75%	0.84%	1.80%
290479	GTE SOUTH INC. - TN	0.108071	0.121121	0.123200	0.116141	12.08%	1.72%	-5.73%
295185	SO. CENTRAL BELL -TN	0.118030	0.118706	0.136900	0.117761	0.57%	15.33%	-13.98%
290567	UNITED INTER-MT-TN	0.118223	0.115522	0.110107	0.123461	-2.28%	-4.69%	12.13%
442114	CENTEL OF TEXAS	0.154117	0.146420	0.143400	0.143887	-4.99%	-2.06%	0.34%
442154	CONTEL OF TEXAS	0.083845	0.099700	0.119216	0.137371	18.91%	19.57%	15.23%
442080	GTE SOUTHWEST INC-TX	0.128267	0.117443	0.112800	0.115592	-8.44%	-3.95%	2.48%
445216	SOUTHWESTERN BELL-TX	0.102453	0.105700	0.106500	0.108580	3.17%	0.76%	1.95%
442084	UTC OF TEXAS INC	0.073461	0.081207	0.105387	0.104141	10.54%	29.78%	-1.18%
505107	MOUNTAIN BELL-UT	0.135365	0.141548	0.141700	0.143745	4.57%	0.11%	1.44%
145115	NEW ENGLAND TEL-VT	0.231143	0.239022	0.205671	0.224297	3.41%	-13.95%	9.06%
195040	C & P TEL CO OF VA	0.130681	0.132146	0.142300	0.151495	1.12%	7.68%	6.46%
190254	CENTEL OF VIRGINIA	0.139388	0.153363	0.165131	0.177509	10.03%	7.67%	7.50%
190233	CONTEL OF VIRGINIA	0.172721	0.188202	0.194300	0.211714	8.96%	3.24%	8.96%
190479	GTE SOUTH INC. - VA	0.100920	0.120925	0.119800	0.114546	19.82%	-0.93%	-4.39%
190567	UNITED INTER-MT-VA	0.115900	0.128006	0.147539	0.166389	10.45%	15.26%	12.78%
522416	GTE NORTHWEST INC-WA	0.114779	0.130787	0.144100	0.144655	13.95%	10.18%	0.39%
525161	PACIFIC NW BELL-WA	0.140548	0.142445	0.142400	0.142874	1.35%	-0.03%	0.33%
522400	UTC OF THE NW-WA	0.140908	0.140400	0.150800	0.167950	-0.36%	7.41%	11.37%
205050	C & P TEL CO OF WV	0.107604	0.107784	0.115900	0.116815	0.17%	7.53%	0.79%
200479	GTE SOUTH INC. - WV	0.155593	0.174075	0.171900	0.170933	11.88%	-1.25%	-0.56%
330886	GTE NORTH INC. - WI	0.114007	0.135228	0.150300	0.151296	18.61%	11.15%	0.66%
335220	WISCONSIN BELL	0.126910	0.126107	0.136217	0.136302	-0.63%	8.02%	0.06%
515108	MOUNTAIN BELL-WY	0.230933	0.228023	0.237900	0.240973	-1.26%	4.33%	1.29%
511595	UTC OF THE WEST-WY	0.231063	0.242062	0.244200	0.262675	4.76%	0.88%	7.57%
NON-TIER 1 COST COMPANIES								
250302	ALLTEL ALABAMA	N/A	N/A	0.095400	0.123337	N/A	N/A	29.28%
250284	BUTLER TEL CO	0.109910	0.117190	0.126060	0.131574	6.62%	7.57%	4.37%
250281	CONTEL OF THE SOUTH	0.093528	0.084158	0.090800	0.118928	-10.02%	7.89%	30.98%
250297	GROVE HILL TEL CORP	0.085800	0.087820	0.098410	0.124549	2.35%	12.06%	26.56%
250298	GULF TEL CO - AL	0.176372	0.170467	0.196900	0.211973	-3.35%	15.51%	7.66%
250300	HOPPER TEL. CO INC	0.063643	0.069883	0.075400	0.087172	9.80%	7.89%	15.61%
250304	MILLRY TEL CO	0.091462	0.104315	0.122182	0.126083	14.05%	17.13%	3.19%
250306	MONROEVILLE TEL CO	0.129345	0.122142	0.135956	0.150888	-5.57%	11.31%	10.98%
250314	PEOPLES TEL CO	0.086690	0.102460	0.106250	0.105707	18.19%	3.70%	-0.51%
250316	RAGLAND TEL CO	0.067377	0.071425	0.085600	0.091361	6.01%	19.85%	6.73%
250318	SOUTHLAND TEL CO-AL	0.100028	0.096681	0.105700	0.243644	-3.35%	9.33%	130.51%

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
351110	BERNARD TEL CO INC	0.069362	0.100595	0.121049	0.124383	45.03%	20.33%	2.75%	
351127	CENDEL OF IOWA	N/A	0.162960	0.168816	0.169989	N/A	3.59%	0.69%	
351888	GRAND RIVER MUT-IA	0.132530	0.152570	0.161090	0.183580	15.12%	5.58%	13.96%	
351229	LOST NATION-ELWOOD	0.064358	0.116704	0.132584	0.257906	81.34%	13.61%	94.52%	
351316	UNITED FARMERS TEL	N/A	0.266000	0.268231	0.330800	N/A	0.84%	23.33%	
351327	WEBB-DICKENS TEL	0.145000	0.168850	0.185896	0.390800	16.45%	10.10%	110.23%	
411741	ASSARIA TEL EXCHANGE	0.156816	0.170768	0.176700	0.233647	8.90%	3.47%	32.23%	
411746	BLUE VALLEY TEL CO	0.119315	0.129068	0.129100	0.099349	8.17%	0.02%	-23.04%	
411818	CRAW-KAN TEL COOP	0.139514	0.149798	0.161427	0.177984	7.37%	7.76%	10.26%	
411761	CUNNINGHAM TEL CO	0.118809	0.130419	0.142252	0.157317	9.77%	9.07%	10.59%	
411764	ELKHART TEL CO INC	0.243167	0.271899	0.288254	0.298062	11.82%	6.02%	3.40%	
411781	H & B COMMUNICATIONS	0.140475	0.153358	0.158100	0.164814	9.17%	3.09%	4.25%	
411782	HOME TEL CO	0.116895	0.122600	0.120700	0.108710	4.88%	-1.55%	-9.93%	
411785	J. B. N. TEL CO INC	0.132045	0.122900	0.116230	0.128461	-6.93%	-5.43%	10.52%	
411788	KANOKLA TEL ASSN-KS	0.153693	0.163837	0.160838	0.164664	6.60%	-1.83%	2.38%	
411801	MADISON TEL CO INC	0.110332	0.136372	0.137944	0.135587	23.60%	1.15%	-1.71%	
411807	MOKAN DIAL INC-KS	0.178155	0.177480	0.173664	0.181649	-0.38%	-2.15%	4.60%	
411808	MOUNDRIDGE TEL CO	0.164532	0.191005	0.144600	0.141265	16.09%	-24.30%	-2.31%	
411814	PEOPLES MUTUAL TEL	0.172387	0.193420	0.179839	0.212977	12.20%	-7.02%	18.43%	
411817	PIONEER TEL ASSN INC	N/A	0.173100	0.180938	0.203249	N/A	4.53%	12.33%	
411826	RURAL TEL SERVICE CO	0.113120	0.118893	0.129638	0.144229	5.10%	9.04%	11.26%	
411827	S & T TEL COOP ASSN	0.161131	0.165099	0.184587	0.183929	2.46%	11.80%	-0.36%	
411831	S. CENTRAL TEL - KS	0.155649	0.158892	0.157682	0.160298	2.08%	-0.76%	1.66%	
411835	SUNFLOWER TEL CO	0.168959	0.167326	0.178088	0.202258	-0.97%	6.43%	13.57%	
412030	TOTAH TELEPHONE CO	0.210843	0.212636	0.224900	0.242053	0.85%	5.77%	7.63%	
411840	TWIN VALLEY TEL INC	0.119233	0.121638	0.106800	0.144154	2.02%	-12.20%	34.98%	
411841	UNITED TEL ASSN	0.166344	0.162984	0.164939	0.200286	-2.02%	1.20%	21.43%	
411847	WHEAT STATE TEL, INC	0.122848	0.130855	0.137288	0.155637	6.52%	4.92%	13.37%	
411849	WILSON TEL CO INC	0.118598	0.113476	0.141200	0.140680	-4.32%	24.43%	-0.37%	
411852	ZENDA TEL COMPANY	0.092729	0.093551	0.095704	0.110547	0.89%	2.30%	15.51%	
260410	CONTEL OF KENTUCKY	0.103695	0.103635	0.121300	0.134143	-0.06%	17.05%	10.59%	
270431	CADDOAN TEL CO	0.131801	0.145485	0.208842	0.221174	10.38%	43.55%	5.90%	
270425	CAMERON TEL CO - LA	0.109207	0.170115	0.189261	0.202558	55.77%	11.25%	7.03%	
270423	CENTRAL LOUISIANA	0.084832	0.103576	0.143600	0.133334	22.10%	38.64%	-7.15%	
270436	CENTURY NORTH LA	0.136460	0.162089	0.164500	0.166407	18.78%	1.49%	1.16%	
270440	CENTURY TEL CO	0.086880	0.097168	0.134300	0.138637	11.84%	38.21%	3.23%	
270424	COASTAL TEL & ELEC	N/A	N/A	N/A	0.126000	N/A	N/A	N/A	
270429	EAST ASCENSION TEL	0.078670	0.099610	0.097320	0.091840	26.62%	-2.30%	-5.63%	
270430	ELIZABETH TEL CO	0.079493	0.094707	0.113394	0.115237	19.14%	19.73%	1.63%	
270434	EVANGELINE TEL CO	0.036657	0.089902	0.115293	0.123631	145.25%	28.24%	7.23%	
270433	LAFOURCHE TEL CO	0.068422	0.073839	0.073637	0.094535	7.92%	-0.27%	28.38%	
270442	LOUISIANA WESTERN	0.097626	0.125760	0.159658	0.176587	28.82%	26.95%	10.60%	
270435	NORTHEAST LOUISIANA	0.112686	0.106854	0.122100	0.128437	-5.18%	14.27%	5.19%	
270438	RESERVE TEL CO	N/A	N/A	0.157700	0.149253	N/A	N/A	-5.36%	
100004	CHINA TEL CORP	N/A	0.174287	0.179698	0.190285	N/A	3.10%	5.89%	
100014	CONTEL OF MAINE	0.161336	0.184900	0.185000	0.187751	14.61%	0.05%	1.49%	
100010	HAMPDEN TEL CO	N/A	0.089245	0.102363	0.119382	N/A	14.70%	16.63%	
100011	HARTLAND & ST ALBANS	0.123249	0.137010	0.144510	0.161060	11.17%	5.47%	11.45%	
100003	LINCOLNVILLE TEL CO	0.198629	0.203179	0.220407	0.252802	2.29%	8.48%	14.70%	
100024	SOMERSET TEL CO	0.160592	0.165600	0.165740	0.173149	3.12%	0.08%	4.47%	
100025	STANDISH TEL CO	N/A	0.193317	0.222323	0.216795	N/A	15.00%	-2.49%	
100027	UNION RIVER TEL CO	0.159851	0.187633	0.163489	0.174475	17.38%	-12.87%	6.72%	
100029	UNITY TEL CO., INC.	N/A	0.142132	0.159445	0.179033	N/A	12.18%	12.29%	
100031	WARREN TEL CO	0.154280	0.141380	0.152090	0.176533	-8.36%	7.58%	16.07%	
100034	WEST PENOBSCOT TEL	0.104459	0.114070	0.127190	0.128775	9.20%	11.50%	1.25%	
310704	ACE TEL OF MICHIGAN	0.084894	0.084363	0.077956	0.082339	-0.63%	-7.59%	5.62%	
310681	ALLTEL MICHIGAN INC.	0.115963	0.121970	0.144100	0.152915	5.18%	18.14%	6.12%	
310679	BLOOMINGDALE TEL CO	0.116631	0.125974	0.137988	0.147098	8.01%	9.54%	6.60%	
310682	C, C & S TELCO - MI	0.113751	0.113759	0.114951	0.126338	0.01%	1.05%	9.91%	
310683	CARR TEL CO	0.077928	0.110449	0.124180	0.130173	41.73%	12.43%	4.83%	
310671	CENTURY TEL MIDWEST	N/A	N/A	N/A	0.107100	N/A	N/A	N/A	
310702	CENTURY OF MICHIGAN	N/A	N/A	N/A	0.122900	N/A	N/A	N/A	
310685	CHATHAM TEL CO - MI	0.094310	0.102060	0.102570	0.114790	8.22%	0.50%	11.91%	
310680	CHIPPEWA COUNTY TEL	0.137617	0.144647	0.148600	0.142730	5.11%	2.73%	-3.95%	
310713	HIAWATHA TEL CO	0.125393	0.132698	0.151578	0.177156	5.83%	14.23%	16.87%	
310711	MIDWAY TEL CO	0.127108	0.127659	0.165300	0.182663	0.43%	29.49%	10.50%	
310714	OGDEN TEL CO	N/A	0.129351	0.168493	0.177027	N/A	30.26%	5.06%	
310717	ONTONAGON COUNTY TEL	0.120929	0.131351	0.140500	0.159089	8.62%	6.97%	13.23%	

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
310721	PIGEON TEL CO	0.082073	0.093891	0.089500	0.104127	14.40%	-4.68%	16.34%	
310728	SPRINGPORT TEL CO	0.074039	0.075339	0.076600	0.156487	1.76%	1.67%	104.29%	
310732	UPPER PENINSULA TEL	0.156990	0.169428	0.174715	0.185552	7.92%	3.12%	6.20%	
310737	WINN TEL CO	N/A	0.172932	0.190499	0.160479	N/A	10.16%	-15.76%	
310738	WOLVERINE TEL CO	0.059090	0.063270	0.063130	0.076470	7.07%	-0.22%	21.13%	
361346	ACE TEL ASSN-MN	0.118336	0.251258	0.258388	0.229036	112.33%	2.84%	-11.36%	
361374	ARROWHEAD COMM CORP	0.103863	0.140080	0.147673	0.240061	34.87%	5.42%	62.56%	
361350	ARVIG TEL CO	0.118561	0.181562	0.186400	0.122500	53.14%	2.66%	-34.28%	
361370	CLARA CITY TEL EXCH	0.095460	0.089432	0.131300	0.149200	-6.31%	46.82%	13.63%	
361140	CONTEL MN DBA GTE MN	0.093525	0.114089	0.125500	0.140933	21.99%	10.00%	12.30%	
361385	EAST OTTER TAIL TEL	0.099467	0.142992	0.155573	0.232677	43.76%	8.80%	49.56%	
361395	GARDEN VALLEY TEL CO	0.094117	0.103730	0.106572	0.111700	10.21%	2.74%	4.81%	
361410	JOHNSON TEL CO	0.119361	0.139161	0.153500	0.173634	16.59%	10.30%	13.12%	
361414	LAKEDALE TEL CO	0.086255	0.077420	0.079130	0.111877	-10.24%	2.21%	41.38%	
361433	MID STATE TEL CO	0.079720	0.087490	0.088660	0.115235	9.75%	1.34%	29.97%	
361442	NEW ULM TELECOM, INC	0.126468	0.130482	0.124900	0.175986	3.17%	-4.28%	40.90%	
361451	PAUL BUNYAN RURAL	0.102824	0.095229	0.117800	0.139836	-7.39%	23.70%	18.71%	
361483	SLEEPY EYE TEL CO	0.080870	0.101071	0.104600	0.111040	24.98%	3.49%	6.16%	
361491	TWIN VALLEY-ULEN TEL	0.084352	0.115863	0.140386	0.210707	37.36%	21.17%	50.09%	
280453	ALLTEL MISSISSIPPI	N/A	N/A	0.071523	0.079586	N/A	N/A	11.27%	
280446	BAY SPRINGS TEL CO	0.072669	0.071717	0.073437	0.069241	-1.31%	2.40%	-5.71%	
280452	DELTA TEL CO	0.088974	0.087614	0.104979	0.104979	-1.53%	19.82%	0.00%	
280454	FRANKLIN TEL CO - MS	0.095025	0.098979	0.106944	0.112536	4.16%	8.05%	5.23%	
280458	HOME TEL CO-OLIVE BR	N/A	0.232071	0.276720	0.348104	N/A	19.24%	25.80%	
280461	SOUTHEAST MS TEL CO	0.165700	0.112640	0.135440	0.137300	-32.02%	20.24%	1.37%	
421885	ALLTEL MISSOURI	0.119862	0.121555	0.140630	0.158735	1.41%	15.69%	12.87%	
421865	CITIZENS TEL CO - MO	0.151300	0.153530	0.114400	0.111543	1.47%	-25.49%	-2.50%	
421922	CONTEL OF MISSOURI	0.145801	0.180011	0.172300	0.161009	23.46%	-4.28%	-6.55%	
421846	CONTINENTAL SYS. -MO	0.116758	0.118619	0.143000	0.148541	1.59%	20.55%	3.87%	
421873	EASTERN MISSOURI TEL	0.095409	0.105883	0.125719	0.185018	10.98%	18.73%	47.17%	
421882	FIDELITY TEL CO	0.107801	0.103700	0.113400	0.113637	-3.80%	9.35%	0.21%	
421886	GOODMAN TEL CO	0.198671	0.209771	0.227728	0.240484	5.59%	8.56%	5.60%	
421888	GRAND RIVER MUT-MO	0.097147	0.099347	0.122000	0.138350	2.26%	22.80%	13.40%	
421929	HOLWAY TEL CO	0.089994	0.072304	0.072304	0.142024	-19.66%	0.00%	96.43%	
421901	KINGDOM TELEPHONE	N/A	N/A	N/A	0.141800	N/A	N/A	N/A	
421908	LE-RU TELEPHONE CO	0.235574	0.244161	0.248075	0.279346	3.65%	1.60%	12.61%	
421904	MISSOURI TEL CO	0.110696	0.116755	0.141035	0.159713	5.47%	20.80%	13.24%	
421807	MOKAN DIAL INC-MO	0.107571	0.147975	0.148297	0.161131	37.56%	0.22%	8.65%	
421931	NE MISSOURI RURAL	0.124535	0.138780	0.144907	0.148227	11.44%	4.41%	2.29%	
421934	ORCHARD FARM TEL CO	0.081095	0.092143	0.129340	0.133998	13.62%	40.37%	3.60%	
421951	STOUTLAND TEL CO	0.091426	0.090829	0.114910	0.129335	-0.65%	26.51%	12.55%	
482235	BLACKFOOT TEL COOP	0.178840	0.184799	0.185430	0.264114	3.33%	0.34%	42.43%	
482241	HOT SPRINGS TEL CO	N/A	0.129351	0.159100	0.194657	N/A	23.00%	22.35%	
482242	INTERBEL TEL COOP	0.193429	0.195876	0.228560	0.227319	1.27%	16.69%	-0.54%	
482244	LINCOLN TEL CO INC	0.152161	0.169800	0.188100	0.184298	11.59%	10.78%	-2.02%	
482246	MID-RIVERS TEL COOP	0.118166	0.122165	0.124579	0.156577	3.38%	1.98%	25.68%	
482247	NEMONT TEL COOP-MT	0.208860	0.221500	0.214700	0.240409	6.05%	-3.07%	11.97%	
482248	NORTHERN TEL COOP	0.186161	0.211716	0.212200	0.177876	13.73%	0.23%	-16.18%	
482249	NW TEL SYSTEMS, INC.	0.225407	0.276700	0.222600	0.234246	22.76%	-19.55%	5.23%	
482250	PROJECT TEL CO	0.166825	0.194749	0.217700	0.249853	16.74%	11.78%	14.77%	
482251	RANGE TEL COOP-MT	0.168482	0.177501	0.186520	0.239654	5.35%	5.08%	28.49%	
482254	SOUTHERN MONTANA TEL	0.251339	0.236946	0.229700	0.244056	-5.73%	-3.06%	6.25%	
482257	TRIANGLE TEL COOP	0.119895	0.120895	0.125370	0.164734	0.83%	3.70%	31.40%	
482258	VALLEY RURAL TEL	0.122519	0.134008	0.142400	0.192929	9.38%	6.26%	35.48%	
482255	3-RIVERS TEL COOP	0.154858	0.158106	0.184358	0.218271	2.10%	16.60%	18.40%	
371516	ARAPAHOE TEL CO	0.096413	0.122579	0.141400	0.166688	27.14%	15.35%	17.88%	
371517	ARLINGTON TEL CO	0.112997	0.135071	0.128500	0.151799	19.54%	-4.86%	18.13%	
372455	BENKELMAN TEL CO	N/A	0.170019	0.175900	0.207300	N/A	3.46%	17.85%	
371524	BLAIR TEL CO	0.134286	0.157720	0.165400	0.192318	17.45%	4.87%	16.27%	
371526	CAMBRIDGE TEL CO -NE	N/A	0.129351	0.156035	0.162062	N/A	20.63%	3.86%	
371531	CLARKS TEL CO	0.136772	0.129351	0.137552	0.145499	-5.43%	6.34%	5.78%	
371534	COZAD TEL CO	0.113621	0.148680	0.162900	0.181381	30.86%	9.56%	11.34%	
371536	CURTIS TEL CO	0.108685	0.126294	0.132685	0.143296	16.20%	5.06%	8.00%	
371537	DALTON TEL CO, INC	0.193778	0.179621	0.188423	0.209690	-7.31%	4.90%	11.29%	
371540	DILLER TEL CO	0.105865	0.117703	0.135600	0.148098	11.18%	15.21%	9.22%	
371542	EASTERN NEBRASKA TEL	0.143647	0.153519	0.172400	0.199716	6.87%	12.30%	15.84%	
371577	GREAT PLAINS COMMUN	0.139739	0.148171	0.145700	0.162308	6.03%	-1.67%	11.40%	
371557	HARTMAN TEL EXCH INC	0.214000	0.253897	0.277400	0.317155	18.64%	9.26%	14.33%	

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
371558	HEMINGFORD COOP TEL	0.094911	0.120593	0.133000	0.149933	27.06%	10.29%	12.73%
371567	KEYSTONE-ARTHUR TEL	0.222502	0.252988	0.296750	0.315654	13.70%	17.30%	6.37%
371574	NEBRASKA CENTRAL TEL	0.080734	0.188031	0.129900	0.128388	132.90%	-30.92%	-1.16%
371580	PETERSBURG TEL CO	0.066070	0.078336	0.093769	0.108559	18.57%	19.70%	15.77%
371586	ROCK COUNTY TEL CO	0.117503	0.136339	0.123500	0.150630	16.03%	-9.42%	21.97%
371591	SE NEBRASKA TEL CO	0.000000	0.174833	0.232100	0.337259	N/A	32.76%	45.31%
371592	STANTON TEL CO, INC	0.084816	0.172552	0.188509	0.197227	103.44%	9.25%	4.62%
371525	THREE RIVER TELCO	0.134816	0.152179	0.183314	0.190603	12.88%	20.46%	3.98%
371597	WAUNETA TEL CO	0.150460	0.157318	0.161600	0.198147	4.56%	2.72%	22.62%
552284	BEEHIVE TEL CO - NV	N/A	0.334090	0.293400	0.358214	N/A	-12.18%	22.09%
552349	CHURCHILL COUNTY TEL	0.227930	0.249400	0.261320	0.265097	9.42%	4.78%	1.45%
552304	CP NATIONAL-NV	0.310181	0.307059	0.325564	0.395774	-1.01%	6.03%	21.57%
552223	GEM STATE UTIL-NV	0.253673	0.310800	0.321400	0.319671	22.52%	3.41%	-0.54%
552351	LINCOLN CTY TEL SYS	0.229830	0.235810	0.256340	0.273266	2.60%	8.71%	6.60%
552353	MOAPA VALLEY TEL CO.	0.207495	0.216100	0.195700	0.228253	4.15%	-9.44%	16.63%
552354	NEVADA TEL-TELEGRAPH	0.302511	0.316733	0.343899	0.350329	4.70%	8.58%	1.87%
552356	RIO VIRGIN TEL CO	0.390690	0.393932	0.419800	0.387998	0.83%	6.57%	-7.58%
552233	RURAL TEL CO - NV	0.366992	0.422800	0.433300	0.416457	15.21%	2.48%	-3.89%
120038	BRETTON WOODS TEL CO	0.546952	0.410570	0.467000	0.460168	-24.93%	13.74%	-1.46%
120040	CHICHESTER TEL CO	N/A	0.129351	0.168820	0.187253	N/A	30.51%	10.92%
120041	CONTEL OF NH	0.265957	0.274817	0.289100	0.303106	3.33%	5.20%	4.84%
120039	GRANITE STATE TEL	0.252723	0.254881	0.283300	0.289161	0.85%	11.15%	2.07%
120045	KEARSARGE TEL CO	0.270840	0.278790	0.294640	0.313822	2.94%	5.69%	6.51%
120046	MERIDEN TEL CO	0.381748	0.410490	0.419160	0.415943	7.53%	2.11%	-0.77%
120047	MERRIMAK COUNTY TEL	0.186898	0.204689	0.225300	0.257751	9.52%	10.07%	14.40%
120049	UNION TEL CO	0.285017	0.283970	0.276633	0.259712	-0.37%	-2.58%	-6.12%
120050	WILTON TEL CO - NH	0.251706	0.359400	0.306200	0.284584	42.79%	-14.80%	-7.06%
160135	WARWICK VALLEY-NJ	0.175470	0.181557	0.190440	0.197718	3.47%	4.89%	3.82%
492259	BACA VALLEY TEL CO	0.200698	0.210392	0.248800	0.258128	4.83%	18.26%	3.75%
492177	CONTEL OF WEST - NM	0.215218	0.183376	0.197400	0.229588	-14.80%	7.65%	16.31%
492066	DELL TEL CO-OP - NM	0.259990	0.231960	0.323840	0.290858	-10.78%	39.61%	-10.18%
492262	ENMR TEL COOP INC-NM	0.188024	0.167114	0.288400	0.278344	-11.12%	72.58%	-3.49%
492263	LA JICARITA RURAL	0.080783	0.082935	0.096100	0.101716	2.66%	15.87%	5.84%
492264	LEACO RURAL TEL COOP	0.237353	0.228935	0.247704	0.255420	-3.55%	8.20%	3.12%
492275	NAVAJO COMMUN - NM	0.287786	0.292746	0.367390	0.342641	1.72%	25.50%	-6.74%
492270	PENASCO VALLEY TEL	0.167138	0.210253	0.214032	0.191044	25.80%	1.80%	-10.74%
492272	ROOSEVELT CNTY RURAL	0.158311	0.155823	0.183600	0.193059	-1.57%	17.83%	5.15%
492274	UNIVERSAL TEL OF SW	0.177340	0.186354	0.201657	0.217255	5.08%	8.21%	7.73%
492176	VALLEY TEL COOP - NM	0.265421	0.285530	0.307781	0.337890	7.58%	7.79%	9.78%
492268	WESTERN NEW MEXICO	0.216846	0.194830	0.244100	0.271909	-10.15%	25.29%	11.39%
150106	ALLTEL NY-FULTON	0.086711	0.090978	0.114300	0.124165	4.92%	25.63%	8.63%
150109	ALLTEL NY-JAMESTOWN	0.144723	0.152835	0.154300	0.158864	5.61%	0.96%	2.96%
150113	ALLTEL NY-RED JACKET	0.080615	0.077031	0.093600	0.139986	-4.45%	21.51%	49.56%
150072	AU SABLE VALLEY TEL	0.171871	0.159505	0.171779	0.198051	-7.19%	7.70%	15.29%
150077	CHAMPLAIN TEL CO	0.186100	0.220215	0.226300	0.314972	18.33%	2.76%	39.18%
150078	CHAUTAUQUA & ERIE	0.175187	0.169119	0.192998	0.193106	-3.46%	14.12%	0.06%
150081	CITIZENS HAMMOND NY	0.132949	0.091763	0.108563	0.118407	-30.98%	18.31%	9.07%
150085	CROWN POINT TEL CORP	0.143568	0.111935	0.133170	0.148751	-22.03%	18.97%	11.70%
150091	DUNKIRK & FREDONIA	0.077784	0.086821	0.085591	0.092752	11.62%	-1.42%	8.37%
150092	EDWARDS TEL CO	0.078910	0.089020	0.080460	0.100360	12.81%	-9.62%	24.73%
150093	EMPIRE TEL CORP	0.150373	0.159093	0.166833	0.181131	5.80%	4.87%	8.57%
150097	GERMANTOWN TEL CO	0.137982	0.131634	0.138041	0.158423	-4.60%	4.87%	14.77%
150099	HANCOCK TEL CO	0.181782	0.185654	0.184274	0.190527	2.13%	-0.74%	3.39%
150100	HIGHLAND TEL CO	0.184698	0.191005	0.200549	0.219510	3.41%	5.00%	9.45%
150105	MIDDLEBURGH TEL CO	0.104333	0.119772	0.125384	0.129441	14.80%	4.69%	3.24%
150108	NICHOLVILLE TEL CO	0.121824	0.107189	0.113762	0.123989	-12.01%	6.13%	8.99%
150110	ODGEN TEL CO	0.069951	0.084056	0.097557	0.104027	20.16%	16.06%	6.63%
150116	PATTERSONVILLE TEL	N/A	0.129351	0.145200	0.162513	N/A	12.25%	11.92%
150122	SENECA-GORHAM TEL	0.106943	0.116535	0.141571	0.148541	8.97%	21.48%	4.92%
150128	SYLVAN LAKE TEL CO	0.137677	0.141190	0.155808	0.169732	2.55%	10.35%	8.94%
150084	TACONIC TEL CORP	0.166920	0.170228	0.169400	0.191088	1.98%	-0.49%	12.80%
150133	VERNON TEL CO	0.102368	0.112940	0.127240	0.145045	10.33%	12.66%	13.99%
150135	WARWICK VALLEY-NY	0.200787	0.208812	0.217357	0.217827	4.00%	4.09%	0.22%
230476	ALLTEL CAROLINA-NO	0.108240	0.124971	0.132543	0.163046	15.46%	6.06%	23.01%
230468	ATLANTIC MEMBERSHIP	0.114950	0.119090	0.130097	0.151340	3.60%	9.24%	16.33%
230469	BARNARDSVILLE TEL CO	0.066300	0.089460	0.083330	0.075246	34.93%	-6.85%	-9.70%
230473	CITIZENS TEL CO	0.126128	0.151176	0.167655	0.159507	19.86%	10.90%	-4.86%
230474	CONCORD TEL CO	0.089694	0.089585	0.111359	0.111392	-0.12%	24.31%	0.03%

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990
230509	CONTEL OF NC	0.131675	0.135328	0.140300	0.168109	2.77%	3.67%	19.82%
230481	HEINS TEL CO	0.095280	0.117090	0.158856	0.188557	22.89%	35.67%	18.70%
230502	STAR MEMBERSHIP CORP	0.067859	0.069883	0.088100	0.099453	2.98%	26.07%	12.89%
230510	WILKES MEMBERSHIP	0.039614	0.043180	0.043010	0.042578	9.00%	-0.39%	-1.00%
381607	CONSOLIDATED COOP	0.115440	0.114787	0.123639	0.140252	-0.57%	7.71%	13.44%
381447	CONTEL ND DBA GTE ND	0.155777	0.111213	0.123100	0.133503	-28.61%	10.69%	8.45%
381616	INTER-COMMUNITY TEL	0.117926	0.117116	0.122661	0.151459	-0.69%	4.73%	23.48%
381617	MIDSTATE TEL CO	0.179981	0.181199	0.203700	0.247280	0.68%	12.42%	21.39%
381630	POLAR COMM MUT AID	0.112092	0.125419	0.137400	0.183635	11.89%	9.55%	33.65%
381632	RESERVATION TEL COOP	0.116656	0.130769	0.147012	0.148680	12.10%	12.42%	1.13%
381634	SOURIS RIVER TELECOM	0.195678	0.194817	0.219110	0.236840	-0.44%	12.47%	8.09%
381637	W. RIVER TELECOM.	0.128050	0.129970	0.136100	0.158414	1.50%	4.72%	16.40%
300665	ALLTEL OHIO-WEST OH	0.094332	0.120923	0.122800	0.145656	28.19%	1.55%	18.61%
300682	C, C & S TELCO -OHIO	0.124543	0.201744	0.206220	0.216065	61.99%	2.22%	4.77%
300607	CONTINENTAL OF OHIO	0.007173	0.078460	0.095250	0.113840	993.82%	21.40%	19.52%
300613	LITTLE MIAMI COMM.	0.076749	0.101830	0.106220	0.125720	32.68%	4.31%	18.36%
300597	THE CHILLICOTHE TEL	0.073982	0.064863	0.061570	0.063592	-12.33%	-5.08%	3.28%
431965	ALLTEL OKLAHOMA INC	0.122757	0.132897	0.148069	0.157932	8.26%	11.42%	6.66%
431966	ATLAS TEL CO	N/A	0.217818	0.206749	0.225970	N/A	-5.08%	9.30%
431974	CANADIAN VALLEY TEL	0.136236	0.156253	0.177939	0.174297	14.69%	13.88%	-2.05%
431976	ARNOLDIE TEL CO INC	0.111520	0.113107	0.115911	0.130952	1.42%	2.48%	12.98%
431979	CHEROKEE TEL CO	0.201182	0.223225	0.217237	0.218871	10.96%	-2.68%	0.75%
431980	CHICKASAW TEL CO	0.102251	0.110800	0.154800	0.161753	8.36%	39.71%	4.49%
431981	CHOUTEAU TEL CO	0.123154	0.122522	0.152700	0.146710	-0.51%	24.63%	-3.92%
431985	CROSS TEL CO	0.102445	0.119208	0.130635	0.138035	16.36%	9.59%	5.66%
431988	DOBSON TEL CO	0.114796	0.120370	0.131600	0.125725	4.86%	9.33%	-4.46%
431994	GRAND TEL CO INC	0.138055	0.159559	0.163211	0.173500	15.58%	2.29%	6.30%
431995	HINTON TEL CO	0.097495	0.098677	0.112163	0.128999	1.21%	13.67%	15.01%
431788	KANOKLA TEL ASSN-OK	0.168198	0.202074	0.204904	0.218085	20.14%	1.40%	6.43%
432006	M CLOUD TEL CO	0.048025	0.104869	0.079500	0.115999	118.36%	-24.19%	45.91%
432011	OKLAHOMA ALLTEL, INC	0.144849	0.147927	0.159842	0.165323	2.12%	8.05%	3.43%
431984	OKLAHOMA COMM SYSTEM	0.100510	0.116946	0.125070	0.120028	16.35%	6.95%	-4.03%
432013	OKLAHOMA TEL & TEL	0.120672	0.111206	0.113500	0.134634	-7.84%	2.06%	18.62%
432014	OKLAHOMA WESTERN TEL	0.141235	0.151865	0.148166	0.154026	7.53%	-2.44%	3.96%
432016	PANHANDLE TEL COOP	0.258221	0.275998	0.277404	0.282783	6.88%	0.51%	1.94%
432018	PIONEER TEL COOP INC	0.093439	0.094877	0.099500	0.128061	1.54%	4.87%	28.70%
432020	POTTAWATOMIE TEL CO	0.105245	0.115377	0.125539	0.138957	9.63%	6.21%	13.40%
431831	S. CENTRAL TEL - OK	0.204285	0.277501	0.265155	0.281127	35.84%	-4.45%	6.02%
432030	TOTAH TELEPHONE CO	0.148043	0.169893	0.172500	0.210337	14.76%	1.53%	21.93%
432032	VALLIANT TEL CO	0.127419	0.116800	0.143100	0.132237	-8.33%	22.52%	-7.59%
432034	WYANDOTTE TEL CO	N/A	0.274170	0.349176	0.353728	N/A	27.36%	1.30%
532404	ASOTIN TEL - OR	0.373073	0.289410	0.297450	0.317725	-22.43%	2.78%	6.82%
532359	BEAVER CREEK COOP	0.098943	0.095560	0.108030	0.117223	-3.42%	13.05%	8.51%
532304	C P NATIONAL CORP-OR	0.192721	0.171981	0.163136	0.189600	-10.76%	-5.14%	16.22%
532362	CANBY TEL ASSN	0.098900	0.101120	0.145506	0.186082	2.24%	62.68%	13.12%
532371	CASCADE UTIL INC	0.103410	0.116050	0.125500	0.142498	12.22%	8.14%	13.54%
532363	CLEAR CREEK MUTUAL	0.098036	0.110150	0.131180	0.138667	12.36%	19.09%	5.71%
532364	COLTON TEL CO	0.110688	0.130290	0.144670	0.150277	17.71%	11.04%	3.88%
532449	CONTEL OF THE NW- OR	0.178738	0.130369	0.135200	0.145639	-27.06%	3.71%	7.72%
532376	HELIX TEL CO.	0.196001	0.193250	0.259520	0.286857	-1.40%	34.29%	10.53%
532377	HOME TELEPHONE CO	0.109810	0.129160	0.125330	0.185537	17.62%	-2.97%	48.04%
532456	MALHEUR HOME TEL CO	0.208153	0.221516	0.220700	0.233790	6.42%	-0.37%	5.93%
532226	MIDVALE TEL EXCH -OR	0.122263	0.213404	0.269900	0.258350	74.55%	26.47%	-4.28%
532383	MOLALLA TEL CO.	0.091504	0.090960	0.113970	0.171621	-0.59%	25.30%	50.58%
532385	MONROE TELEPHONE CO.	0.112990	0.130630	0.159270	0.188013	15.61%	21.92%	18.05%
532387	NEHALEM TEL & TEL	0.146460	0.158340	0.181180	0.222042	8.11%	14.42%	22.55%
532388	NORTH STATE TEL CO.	0.146300	0.190600	0.200620	0.284348	30.28%	5.26%	41.73%
532389	OREGON TEL CORP	0.150650	0.173160	0.194210	0.243802	14.94%	12.16%	25.54%
532392	PINE TEL SYSTEM INC.	0.187980	0.228946	0.250500	0.241607	21.79%	9.41%	-3.55%
532393	PIONEER TEL COOP	0.139440	0.149230	0.159510	0.189448	7.02%	6.89%	18.77%
532375	RTI/HALSEY TEL CO	0.297666	0.300300	0.277391	0.259376	0.88%	-7.63%	-6.47%
532397	SCIO MUTUAL TEL ASSN	0.111670	0.131643	0.143640	0.170982	17.89%	9.11%	19.04%
532361	TEL UTIL OF OREGON	0.158835	0.183400	0.195900	0.207050	15.47%	6.82%	5.69%
532378	TRANS-CASCADES TEL	0.185544	0.162237	0.172300	0.176283	-12.56%	6.20%	2.31%
170170	CONTEL OF PA	0.120791	0.132800	0.137100	0.145449	9.94%	3.24%	6.09%
170177	LACKAWAXEN TEL CO	N/A	0.346181	0.367227	0.365849	N/A	6.08%	-0.38%
170183	MAHANAY & MAHANTONGO	N/A	0.061818	0.066912	0.072193	N/A	8.24%	7.89%
170192	NORTH PENN TEL CO	0.216629	0.220160	0.231739	0.241080	1.63%	5.26%	4.03%

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
170194	OSWAYO RIVER TEL CO	0.224621	0.241170	0.272658	0.277009	7.37%	13.06%	1.60%
170201	QUAKER STATE TEL CO	0.165792	0.181700	0.175000	0.189466	9.60%	-3.69%	8.27%
170206	SUGAR VALLEY TEL CO	0.141104	0.147950	0.156760	0.162611	4.85%	5.95%	3.73%
633200	PUERTO RICO COMM	N/A	0.057488	0.086986	0.087374	N/A	51.31%	0.45%
240512	BLUFFTON TEL. CO.	0.268871	0.289405	0.424349	0.385906	7.64%	46.63%	-9.06%
240526	CONTEL OF SC	0.117112	0.137181	0.146600	0.188637	17.14%	6.87%	28.67%
240520	FARMERS TEL COOP	0.103873	0.114354	0.140376	0.153784	10.09%	22.76%	9.55%
240523	HARGRAY TEL CO	0.347864	0.344856	0.360379	0.423883	-0.86%	4.50%	17.62%
240528	HORRY TEL COOP	0.152698	0.188225	0.230209	0.232337	23.27%	22.31%	0.92%
240533	MCCLELLANVILLE TEL	0.130310	0.138320	0.146120	0.166640	6.15%	5.64%	14.04%
240539	POND BRANCH TEL CO	0.084849	0.090571	0.095713	0.101492	6.74%	5.68%	6.04%
240551	WILLISTON TEL CO	0.094490	0.094850	0.096880	0.125888	0.38%	2.14%	29.94%
391647	CHEYENNE RIVER SIOUX	0.115145	0.120669	0.139306	0.150289	4.80%	15.44%	7.88%
391643	CONTEL SD DBA GTE SD	0.166690	0.185026	0.204152	0.213697	11.00%	10.34%	4.68%
391659	GOLDEN WEST TELECOMM	0.159817	0.189252	0.184265	0.204679	18.42%	-2.64%	11.08%
391666	JEFFERSON TEL CO -SD	0.411770	0.392400	0.491200	0.527554	-4.70%	25.18%	7.40%
391667	KADOKA TELEPHONE CO	0.202660	0.223670	0.221300	0.245896	10.37%	-1.06%	11.11%
391668	KENNEBEC TEL CO	0.140908	0.164314	0.196167	0.234643	16.61%	19.39%	19.61%
391689	WEST RIVER COOP	0.121946	0.157500	0.157502	0.167363	29.16%	0.00%	6.26%
290552	ADAMSVILLE TEL CO	N/A	0.094551	0.130813	0.136328	N/A	38.35%	4.22%
290571	MILLINGTON TEL CO	0.143241	0.149536	0.144112	0.148619	4.39%	-3.63%	3.13%
290575	TENNESSEE TEL CO	0.088190	0.099030	0.111830	0.118316	12.29%	12.93%	5.80%
290579	TWIN LAKES TEL COOP	0.074300	0.086736	0.096700	0.103134	16.74%	11.49%	6.65%
442121	ALLTEL TEXAS INC	0.087136	0.096114	0.118440	0.120590	10.30%	23.23%	1.82%
442039	BIG BEND TEL CO INC	0.154536	0.149900	0.205100	0.191808	-3.00%	36.82%	-6.48%
442040	BRAZORIA TEL CO	0.058282	0.061676	0.066683	0.070676	5.82%	8.12%	5.99%
442041	BRAZOS TEL COOP INC	0.077559	0.114376	0.126200	0.142868	47.47%	10.34%	13.21%
440425	CAMERON TEL CO TEXAS	0.065145	0.119915	0.145982	0.162054	84.07%	21.74%	11.01%
442046	CAP ROCK TEL CO INC	0.069011	0.062500	0.093600	0.086692	-9.43%	49.76%	-7.38%
442052	CENTRAL TEXAS CO-OP	0.050746	0.058381	0.075870	0.083722	15.05%	29.96%	10.35%
442059	COLORADO VALLEY TEL	0.071467	0.077741	0.093485	0.082119	8.78%	20.25%	-12.16%
442066	DELL TEL. CO-OP - TX	0.246544	0.208270	0.241440	0.227709	-15.52%	15.93%	-5.69%
442068	EASTEX TEL COOP INC	0.074087	0.101413	0.108754	0.111762	36.88%	7.24%	-7.77%
442262	ENMR TEL COOP-TX	0.092522	0.098817	0.120300	0.123196	6.80%	21.74%	2.41%
442070	ETEX TEL COOP INC	0.084426	0.093943	0.104100	0.096035	11.27%	10.81%	-7.75%
442071	FIVE AREA TEL CO-OP	0.112536	0.119990	0.136525	0.108680	6.62%	13.78%	-20.40%
442072	FORT BEND TEL CO	0.075552	0.097304	0.106773	0.112176	28.79%	9.73%	5.06%
442076	GANADO TELEPHONE CO	0.052529	0.069262	0.052411	0.066849	31.85%	-24.33%	27.55%
442083	GUADALUPE VALLEY TEL	0.101511	0.132212	0.140963	0.174233	30.24%	6.62%	23.60%
442086	HILL COUNTRY CO-OP	0.079900	0.117022	0.136003	0.127861	46.46%	16.22%	-5.99%
442093	INDUSTRY TEL CO	0.057021	0.071011	0.081575	0.075499	25.50%	13.99%	-7.45%
442097	KERRVILLE TEL CO	0.106970	0.106979	0.128972	0.130331	0.01%	20.56%	1.05%
442103	LA WARD TEL EXCHANGE	0.084819	0.096875	0.117879	0.123404	14.21%	21.68%	4.69%
442101	LAKE DALLAS TEL CO	0.182115	0.164200	0.218600	0.217312	-9.84%	33.13%	-0.59%
442104	LAKE LIVINGSTON TEL	0.118886	0.134729	0.138067	0.151072	13.33%	2.48%	9.42%
442105	LIPAN TEL CO	N/A	N/A	0.071299	0.084985	N/A	N/A	19.20%
442109	LUFKIN-CONROE TEL EX	0.116551	0.105796	0.114081	0.101531	-9.23%	7.83%	-11.00%
442112	MID-PLAINS RURAL TEL	0.081129	0.082300	0.139300	0.127095	1.44%	69.26%	-8.76%
442116	MUNSTER TEL COOP-TX	0.086481	0.085167	0.101900	0.108290	-1.52%	19.65%	6.27%
442117	MUSTANG TEL CO	0.181236	0.204214	0.258859	0.248272	12.68%	26.76%	-4.09%
442130	PEOPLES TEL COOP -TX	0.079792	0.073400	0.108800	0.124086	-8.01%	48.23%	14.05%
442131	POKA-LAMBRO TEL COOP	0.056553	0.063100	0.152300	0.130371	11.58%	141.36%	-14.40%
442134	RIVIERA TEL CO INC	0.093397	0.122075	0.147100	0.147031	30.71%	20.50%	-0.05%
442147	SUGAR LAND TEL CO	0.140323	0.109100	0.107300	0.120607	-22.25%	-1.65%	12.40%
442150	TATUM TEL CO	N/A	N/A	0.101736	0.131657	N/A	N/A	29.41%
442151	TAYLOR TEL CO-OP INC	0.071126	0.106074	0.113730	0.149966	49.14%	7.22%	31.86%
442159	VALLEY TEL CO-OP -TX	0.053782	0.078727	0.091144	0.102770	46.38%	15.77%	12.76%
442168	WES-TEX TEL CO-OP	0.056039	0.070978	0.075700	0.085582	26.66%	6.65%	13.05%
442166	WEST TEXAS RURAL TEL	0.125773	0.123400	0.175200	0.158418	-1.89%	41.98%	-9.58%
442170	XIT RURAL TEL CO-OP	0.242372	0.317652	0.552753	0.333037	31.06%	74.01%	-39.75%
502284	BEEHIVE TEL CO - UT	N/A	0.065165	0.084700	0.074834	N/A	29.98%	-11.65%
502277	CENTRAL UTAH TEL INC	0.088892	0.087177	0.109300	0.107273	-1.93%	25.38%	-1.85%
502177	CONTEL THE WEST - UT	0.271510	0.170472	0.190600	0.188152	-37.21%	11.81%	-1.28%
502278	EMERY COUNTY FARMERS	0.074802	0.083898	0.081800	0.095655	12.16%	-2.50%	16.94%
502280	KAMAS-WOODLAND TEL	0.110388	0.126824	0.129323	0.152957	14.89%	1.97%	18.28%
502275	NAVAJO COMMUN - UT	0.536303	0.506822	0.530663	0.512130	-5.50%	4.70%	-3.49%
502286	SOUTH CENTRAL UTAH	N/A	N/A	N/A	0.219800	N/A	N/A	N/A
502287	UINTAH BASIN TEL	N/A	N/A	N/A	0.102900	N/A	N/A	N/A

TABLE 4.19
INTERSTATE DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME					ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
502288	UT-WY TELECOM	0.078568	0.161774	0.172769	0.186140	105.90%	6.80%	7.74%
140070	CONTEL OF VERMONT	0.249307	0.250743	0.237900	0.244221	0.58%	-5.12%	2.66%
140058	LUDLOW TEL CO	0.273708	0.299160	0.343660	0.380845	9.30%	14.87%	10.82%
140061	NORTHFIELD TEL CO	0.283280	0.296500	0.339690	0.299774	4.67%	14.57%	-11.75%
140062	PERKINSVILLE TEL CO	0.276870	0.278580	0.303660	0.350701	0.62%	9.00%	15.49%
140068	TOPSHAM TEL CO	0.210735	0.182530	0.197200	0.240816	-13.38%	8.04%	22.12%
643300	VIRGIN ISLANDS TEL	0.215963	0.160910	0.160910	0.183279	-25.49%	0.00%	13.90%
140069	WAITSFIELD/FAYSTON	0.290286	0.365576	0.395900	0.392323	25.94%	8.29%	-0.90%
190217	AMELIA TEL CORP	0.085920	0.105630	0.104920	0.108228	22.94%	-0.67%	3.15%
190249	ROANOKE & BOTETOURT	N/A	0.105117	0.146772	0.155976	N/A	39.63%	6.27%
522404	ASOTIN TEL - WA	0.122560	0.131780	0.144330	0.184275	7.52%	9.52%	27.68%
522449	CONTEL OF THE NW-WA	0.181163	0.131885	0.148700	0.196087	-27.20%	12.75%	31.87%
522410	COWICHE TELEPHONE CO	0.105400	0.115100	0.128526	0.131502	9.20%	11.66%	2.32%
522412	ELLENSBURG TEL CO	0.125385	0.152003	0.156822	0.171235	21.23%	3.17%	9.19%
522417	HAT ISLAND	N/A	N/A	0.134100	0.140000	N/A	N/A	4.40%
522419	HOOD CANAL TEL CO	0.194700	0.186300	0.201100	0.197951	-4.31%	7.94%	-1.57%
522423	INLAND TEL CO -WA	0.142900	0.160200	0.169500	0.160675	12.11%	5.81%	-5.21%
522426	KALAMA TEL CO	0.184700	0.184600	0.190100	0.189818	-0.05%	2.98%	-0.15%
522427	LEWIS RIVER TEL CO	0.217789	0.235886	0.257200	0.365900	8.31%	9.04%	42.26%
522431	MASHELL TEL CO INC	0.127007	0.134623	0.167600	0.175589	6.00%	24.50%	4.77%
522436	PENINSULA TELECOMM	0.156984	0.187078	0.150100	0.182088	19.17%	-19.77%	21.31%
522437	PIONEER TEL CO	0.121200	0.132300	0.139206	0.109894	9.16%	5.22%	-21.06%
522442	ST JOHN TEL CO	0.153900	0.137600	0.139200	0.150993	-10.59%	1.16%	8.47%
522408	TEL UTIL OF WA INC	0.150242	0.168700	0.183200	0.192822	12.29%	8.60%	5.25%
522446	TENINO TELEPHONE CO	0.132700	0.163100	0.164700	0.137530	22.91%	0.98%	-16.50%
522447	TOLEDO TELEPHONE CO	0.142351	0.170692	0.198800	0.192972	19.91%	16.47%	-2.93%
522451	WESTERN WAHIAKUM	N/A	N/A	0.177000	0.193300	N/A	N/A	9.21%
522452	WHIDBEY TEL CO	N/A	N/A	0.193000	0.275500	N/A	N/A	42.75%
522453	YELM TELEPHONE CO	0.107515	0.140870	0.157600	0.184890	31.02%	11.88%	17.32%
200278	CONTEL OF WV	0.122359	0.121500	0.105200	0.134715	-0.70%	-13.42%	28.06%
200259	HARDY TEL CO	0.128290	0.123980	0.137600	0.169442	-3.36%	10.99%	23.14%
200270	MOUNTAIN STATE TEL	0.099126	0.111037	0.124900	0.122297	12.02%	12.49%	-2.08%
330841	CENCOM OF WISCONSIN	0.099838	0.099310	0.108340	0.135387	-0.53%	9.09%	24.96%
330859	CENTRAL STATE TEL CO	0.091170	0.098630	0.118030	0.149540	8.18%	19.67%	26.70%
330895	CENTURY OF WISCONSIN	N/A	N/A	N/A	0.200600	N/A	N/A	N/A
330860	CHEQUAMEGON TEL COOP	0.189166	0.205070	0.223910	0.227120	8.41%	9.19%	1.43%
330870	CRANDON TEL CO	0.091567	0.095761	0.101759	0.112237	4.58%	6.26%	10.30%
330891	HEADWATERS TEL CO	0.137274	0.176354	0.161082	0.189875	28.47%	-8.66%	17.87%
330936	INDIANHEAD TEL CO	0.135895	0.153530	0.165709	0.188455	12.98%	7.93%	13.73%
330908	MARQUETTE-ADAMS COOP	0.271670	0.289980	0.291640	0.307000	6.74%	0.57%	5.27%
330909	MIDWAY TEL CO	0.118410	0.131430	0.131520	0.142790	11.00%	0.07%	8.57%
330913	MONROE COUNTY TEL CO	0.158570	0.167365	0.165966	0.193051	5.55%	-0.84%	16.32%
330916	MOUNT HOREB TEL CO	0.088572	0.102828	0.113416	0.152194	16.10%	10.30%	34.19%
330917	MT VERNON TEL CO	0.103210	0.110280	0.121930	0.145210	6.85%	10.56%	19.09%
330922	NORTH-WEST TEL CO	0.106375	0.129520	0.134226	0.136303	21.76%	3.63%	1.55%
330931	PEOPLES TEL CO	0.084620	0.102230	0.117240	0.136200	20.81%	14.68%	16.17%
330934	PLATTEVILLE TEL CO	0.137319	0.159477	0.166737	0.178173	16.14%	4.55%	6.86%
330937	PRICE COUNTY TEL CO	0.125470	0.335700	0.344100	0.177700	167.55%	2.50%	-48.36%
330940	RHINELANDER TEL CO	0.112668	0.136535	0.148441	0.155416	21.18%	8.72%	4.70%
330952	SE TEL OF WISCONSIN	0.116974	0.111519	0.119508	0.120005	-4.66%	7.16%	0.42%
330950	OLON SPRINGS TEL CO	0.179840	0.196163	0.224432	0.259390	9.08%	14.41%	15.58%
330956	UNIVERSAL OF N WISC	0.135120	0.147474	0.153020	0.180022	9.14%	3.76%	17.65%
330964	URBAN TEL CORP	0.067738	0.083664	0.099910	0.116794	23.51%	19.42%	16.90%
330963	UTELCO, INC	0.172214	0.145200	0.149700	0.148829	-15.69%	3.10%	-0.58%
330974	WOOD COUNTY TEL CO	0.108206	0.115990	0.132089	0.119563	7.19%	13.88%	-9.48%
512291	DUBOIS TEL EXCHANGE	0.290965	0.301360	0.299700	0.327780	3.57%	-0.55%	9.37%
512251	RANGE TEL COOP - WY	0.221760	0.206486	0.217830	0.296050	-6.89%	5.49%	35.91%
512295	SILVER STAR TEL-WY	0.306948	0.299628	0.333223	0.327380	-2.38%	11.21%	-1.75%
512299	TEL. UTIL. OF WY.	0.274060	0.325700	0.335200	0.295362	18.84%	2.92%	-11.88%
512297	UNION TELEPHONE CO	0.233539	0.247423	0.269600	0.273300	5.95%	8.96%	1.37%
512290	UTAH-WYOMING TELECOM	0.329401	0.325514	0.347185	0.425597	-1.18%	6.66%	22.59%
COST COMPANIES AVERAGE		0.130411	0.134710	0.140009	0.141061	3.30%	3.93%	0.75%
AVERAGE SCHEDULE ESTIMATE		0.136800	0.129400	0.139900	0.162200	-5.41%	8.11%	15.94%

***PLEASE NOTE THAT AVERAGE SCHEDULE DATA ARE ESTIMATED FROM COST COMPANY DATA

TABLE 4.20
WEIGHTED DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
TIER 1 COST COMPANIES								
250293	GTE SOUTH INC. - AL	0.208317	0.265464	0.237000	0.210992	27.43%	-10.72%	-10.97%
255181	SO CENTRAL BELL-AL	0.113702	0.159178	0.150700	0.133600	40.00%	-5.33%	-11.35%
452302	CONTEL CALIF - AZ	0.384600	0.547600	0.625100	0.728266	42.38%	14.15%	16.50%
455101	MOUNTAIN BELL - AZ	0.193626	0.272663	0.250000	0.231650	40.82%	-8.31%	-7.34%
401730	CONTEL OF ARKANSAS	0.263976	0.249454	0.225294	0.206172	-5.50%	-9.69%	-8.49%
402080	GTE SOUTHWEST INC-AR	0.209109	0.246700	0.222100	0.197815	17.98%	-9.97%	-10.93%
405211	SOUTHWESTERN BELL-AR	0.169489	0.211628	0.197200	0.181957	24.86%	-6.82%	-7.73%
542302	CONTEL OF CALIFORNIA	0.136600	0.203793	0.186700	0.166877	49.19%	-8.39%	-10.62%
542319	GTC OF CALIFORNIA	0.108704	0.181900	0.164800	0.147841	67.34%	-9.40%	-10.29%
545170	PACIFIC BELL	0.108360	0.155491	0.144644	0.132513	43.49%	-6.98%	-8.39%
542344	WEST COAST TEL OF CA	0.173854	0.255712	0.283600	0.309872	47.08%	10.91%	9.26%
465102	MOUNTAIN BELL-CO	0.198615	0.279039	0.256100	0.232013	40.49%	-8.22%	-9.41%
135200	SOUTHERN NEW ENGLAND	0.208607	0.244647	0.234000	0.224900	17.28%	-4.35%	-3.89%
575020	C & P TEL CO OF WASH	0.196215	0.246217	0.228600	0.207800	25.48%	-7.16%	-9.10%
565010	DIAMOND STATE TEL	0.230352	0.273354	0.261000	0.248300	18.67%	-4.52%	-4.87%
210340	CONTEL OF FLORIDA	0.209708	0.298886	0.264700	0.237952	42.52%	-11.44%	-10.11%
210328	GTE FLORIDA INC.	0.195836	0.304691	0.272000	0.240714	55.58%	-10.73%	-11.50%
215191	SOUTHERN BELL-FL	0.162482	0.252368	0.235100	0.213200	55.32%	-6.84%	-9.32%
210341	UTC OF FLORIDA	0.210175	0.375454	0.332700	0.290787	78.64%	-11.39%	-12.60%
220479	GTE SOUTH INC.- GA	0.150057	0.188360	0.168400	0.149861	25.53%	-10.60%	-11.01%
225192	SOUTHERN BELL-GA	0.141676	0.206395	0.191500	0.178000	45.68%	-7.22%	-7.05%
623100	GTE HAWAIIAN TEL. CO	0.189268	0.262465	0.235600	0.208408	38.67%	-10.24%	-11.54%
472416	GTE NORTHWEST INC-ID	0.320003	0.433590	0.403200	0.370660	35.50%	-7.01%	-8.07%
475103	MOUNTAIN BELL-ID	0.224710	0.271534	0.250900	0.235186	20.84%	-7.60%	-6.26%
475162	PACIFIC NW BELL-ID	0.226971	0.286049	0.302100	0.329283	26.03%	5.61%	9.00%
340985	CENTEL OF ILLINOIS	0.216986	0.266307	0.262200	0.265048	22.73%	-1.54%	1.09%
341015	GTE NORTH INC. - IL	0.153204	0.208337	0.192100	0.176521	35.99%	-7.79%	-8.11%
345070	ILLINOIS BELL TEL CO	0.148605	0.199489	0.189000	0.174147	34.24%	-5.26%	-7.86%
320772	GTE NORTH INC. - IN	0.176790	0.278084	0.256500	0.228798	57.30%	-7.76%	-10.80%
325080	INDIANA BELL TEL CO	0.147178	0.181137	0.169767	0.161438	23.07%	-6.28%	-4.91%
320832	UTC OF INDIANA	0.175389	0.246736	0.226000	0.209400	40.68%	-8.40%	-7.35%
351207	CONTEL IA DBA GTE IA	0.351244	0.404450	0.187700	0.186291	15.15%	-53.59%	-0.75%
351186	GTE NORTH INC. - IA	0.175369	0.218106	0.198100	0.182730	24.37%	-9.17%	-7.76%
355141	NORTHWESTERN BELL-IA	0.220954	0.234489	0.218900	0.200564	6.13%	-6.65%	-8.38%
415214	SOUTHWESTERN BELL-KS	0.180438	0.235594	0.220900	0.205851	30.57%	-6.24%	-6.81%
411842	UTC OF KANSAS	0.250076	0.344928	0.319106	0.287996	37.93%	-7.49%	-9.75%
265061	CINCINNATI BELL-KY	0.113789	0.124164	0.119100	0.112275	9.12%	-4.08%	-5.73%
260407	GTE SOUTH INC. - KY	0.193709	0.230820	0.203600	0.178913	19.16%	-11.79%	-12.13%
265182	SO CENTRAL BELL-KY	0.131728	0.163087	0.157300	0.147800	23.81%	-3.55%	-6.04%
275183	SO CENTRAL BELL-LA	0.104425	0.148138	0.142800	0.131400	41.86%	-3.60%	-7.98%
105111	NEW ENGLAND TEL-ME	0.194325	0.208415	0.194880	0.183356	7.25%	-6.49%	-5.91%
185030	C & P TEL CO OF MD	0.156997	0.183424	0.169400	0.159900	16.83%	-7.65%	-5.61%
115112	NEW ENGLAND TEL-MA	0.161789	0.188300	0.182235	0.180626	16.39%	-3.22%	-0.88%
310695	GTE NORTH INC. - MI	0.128363	0.164751	0.151800	0.138976	28.35%	-7.86%	-8.45%
315090	MICHIGAN BELL TEL CO	0.110869	0.136371	0.128974	0.120595	23.00%	-5.42%	-6.50%
361367	CENTEL OF MN	0.150478	0.195782	0.182865	0.172617	30.11%	-6.60%	-5.60%
361186	GTE NORTH INC. - MN	0.194710	0.244707	0.286300	0.341186	25.68%	17.00%	19.17%
365142	NORTHWESTERN BELL-MN	0.162521	0.197783	0.183000	0.169214	21.70%	-7.47%	-7.53%
361456	UTC OF MINNESOTA	0.119892	0.157731	0.148600	0.137038	31.56%	-5.79%	-7.78%
285184	SO CENTRAL BELL-MS	0.149156	0.194070	0.183800	0.168600	30.11%	-5.29%	-8.27%
421186	GTE NORTH INC. - MO	0.214247	0.263565	0.241900	0.223298	23.02%	-8.22%	-7.69%
425213	SOUTHWESTERN BELL-MO	0.145777	0.192079	0.181400	0.166198	31.76%	-5.56%	-8.38%
421957	UTC OF MISSOURI	0.206233	0.276824	0.255532	0.227022	34.23%	-7.69%	-11.16%
482416	GTE NORTHWEST INC-MT	0.283440	0.383869	0.427500	0.466872	35.43%	11.37%	9.21%
485104	MOUNTAIN BELL-MT	0.235969	0.328198	0.295100	0.270303	39.09%	-10.08%	-8.40%
371186	GTE NORTH INC. - NE	0.209528	0.253500	0.264400	0.284248	20.99%	4.30%	7.51%
371568	LINCOLN TEL & TEL CO	0.155621	0.244042	0.224300	0.212729	56.82%	-8.09%	-5.16%
375143	NORTHWESTERN BELL-NE	0.226591	0.295273	0.267700	0.233961	30.31%	-9.34%	-12.60%
371595	UTC OF THE WEST-NE	0.236288	0.337175	0.350200	0.350318	42.70%	3.86%	0.03%
552348	CENTEL OF NV	0.298296	0.485201	0.420705	0.361891	62.66%	-13.29%	-13.98%
552302	CONTEL OF CALIF-NV	0.409700	0.750078	0.817200	0.754359	83.08%	8.95%	-7.69%
555173	NEVADA BELL	0.234187	0.375984	0.342600	0.316531	60.55%	-8.88%	-7.61%
125113	NEW ENGLAND TEL-NH	0.298050	0.332035	0.316678	0.289801	11.40%	-4.63%	-8.49%
165120	NEW JERSEY BELL	0.208179	0.246032	0.236100	0.227600	18.18%	-4.04%	-3.60%
160138	UNITED TEL - NJ, INC	0.213239	0.315899	0.293947	0.258054	48.14%	-6.95%	-12.21%
492080	GTE SOUTHWEST INC-NM	0.233172	0.425400	0.409300	0.399295	82.44%	-3.78%	-2.44%

TABLE 4.20
WEIGHTED DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	WEIGHTED DIAL EQUIPMENT MINUTE FACTORS				ANNUAL PERCENTAGE CHANGES		
		1987	1988	1989	1990	1988	1989	1990
495105	MOUNTAIN BELL-NM	0.211789	0.251233	0.231100	0.211605	18.62%	-8.01%	-8.44%
150096	CONTEL OF NY, INC	0.154903	0.187497	0.175123	0.159537	21.04%	-6.60%	-8.90%
155130	NEW YORK TEL CO	0.160811	0.212625	0.200100	0.188558	32.22%	-5.89%	-5.77%
150119	RED HOOK TEL CO	0.176144	0.270550	0.296621	0.320517	53.60%	9.64%	8.06%
150121	ROCHESTER TEL CORP	0.128604	0.173130	0.156300	0.140550	34.62%	-9.72%	-10.08%
150136	WESTERN COUNTIES TEL	0.185897	0.227081	0.253978	0.270160	22.15%	11.84%	6.37%
230470	CAROLINA TEL & TEL	0.178000	0.210264	0.198476	0.180838	18.13%	-5.61%	-8.89%
230471	CENTEL OF NC	0.132128	0.173202	0.158983	0.149338	31.09%	-8.21%	-6.07%
230479	GTE SOUTH INC - NC	0.210327	0.279927	0.250500	0.224995	33.09%	-10.51%	-10.18%
235193	SOUTHERN BELL-NC	0.148249	0.202287	0.189700	0.176900	36.45%	-6.22%	-6.75%
385144	NORTHWESTERN BELL-ND	0.234213	0.256946	0.241100	0.229587	9.71%	-6.17%	-4.78%
300630	CENTEL OF OHIO	0.148361	0.154020	0.136300	0.128781	3.81%	-11.50%	-5.52%
305062	CINCINNATI BELL-OH	0.132480	0.179162	0.164600	0.150593	35.24%	-8.13%	-8.51%
300615	GTE NORTH INC. - OH	0.141213	0.180545	0.169600	0.155328	27.85%	-6.06%	-8.42%
305150	OHIO BELL TEL CO	0.132166	0.154721	0.146918	0.141431	17.07%	-5.04%	-3.73%
300661	UTC OF OHIO	0.145084	0.189729	0.174600	0.161100	30.77%	-7.97%	-7.73%
432080	GTE SOUTHWEST INC-OK	0.204421	0.267820	0.239900	0.214839	31.01%	-10.42%	-10.45%
435215	SOUTHWESTERN BELL-OK	0.159579	0.220361	0.205100	0.188916	38.09%	-6.93%	-7.89%
532416	GTE NORTHWEST INC-OR	0.176664	0.295876	0.269400	0.241838	67.48%	-8.95%	-10.23%
535163	PACIFIC NW BELL-OR	0.193144	0.228711	0.215000	0.201668	18.41%	-5.99%	-6.20%
532400	UTC OF THE NW - OR	0.197876	0.344494	0.343900	0.346004	74.10%	-0.17%	0.61%
175000	BELL OF PENNSYLVANIA	0.143056	0.169979	0.161900	0.155900	18.82%	-4.75%	-3.71%
170169	GTE NORTH INC. - PA	0.143454	0.190690	0.176300	0.161843	32.93%	-7.55%	-8.20%
170209	UTC OF PENNSYLVANIA	0.149623	0.186485	0.174944	0.158587	24.64%	-6.19%	-9.35%
633201	PUERTO RICO TEL CO	0.117087	0.167180	0.150400	0.139000	42.78%	-10.04%	-7.58%
585114	NEW ENGLAND TEL - RI	0.211718	0.224327	0.219473	0.216262	5.96%	-2.16%	-1.46%
240479	GTE SOUTH INC. - SC	0.260414	0.300452	0.268700	0.245324	15.37%	-10.57%	-8.70%
245194	SOUTHERN BELL-SC	0.145512	0.198862	0.184700	0.171900	36.66%	-7.12%	-6.93%
240506	UTC OF THE CAROLINAS	0.181627	0.013093	0.217529	0.205237	-92.79%	1561.41%	-5.65%
395145	NORTHWESTERN BELL-SD	0.252407	0.282238	0.263800	0.247080	11.82%	-6.53%	-6.34%
290479	GTE SOUTH INC. - TN	0.178869	0.233203	0.199500	0.174257	30.38%	-14.45%	-12.65%
295185	SO. CENTRAL BELL -TN	0.127550	0.166716	0.161500	0.144900	30.71%	-3.13%	-10.28%
290567	UNITED INTER-MT-TN	0.161081	0.190799	0.172447	0.161314	18.45%	-9.62%	-6.46%
442114	CENTEL OF TEXAS	0.305606	0.307380	0.270700	0.234576	0.58%	-11.93%	-13.34%
442154	CONTEL OF TEXAS	0.120218	0.175626	0.164612	0.160720	46.09%	-6.27%	-2.36%
442080	GTE SOUTHWEST INC-TX	0.153028	0.203090	0.181800	0.163892	32.71%	-10.48%	-9.85%
445216	SOUTHWESTERN BELL-TX	0.113886	0.153550	0.143400	0.133700	34.83%	-6.61%	-6.76%
442084	UTC OF TEXAS INC	0.099423	0.142074	0.135802	0.126364	42.90%	-4.41%	-6.95%
505107	MOUNTAIN BELL-UT	0.166598	0.231166	0.211300	0.192435	38.76%	-8.59%	-8.93%
145115	NEW ENGLAND TEL-VT	0.336282	0.351230	0.316301	0.294075	4.45%	-9.94%	-7.03%
195040	C & P TEL CO OF VA	0.148227	0.190640	0.180700	0.174300	28.61%	-5.21%	-3.54%
190254	CENTEL OF VIRGINIA	0.199545	0.249694	0.231817	0.218953	25.13%	-7.16%	-5.55%
190233	CONTEL OF VIRGINIA	0.213225	0.279746	0.261200	0.250816	31.20%	-6.63%	-3.98%
190479	GTE SOUTH INC. - VA	0.173809	0.202147	0.207300	0.213444	16.30%	2.55%	2.96%
190567	UNITED INTER-MT-VA	0.180979	0.190731	0.187792	0.185718	9.04%	-4.84%	-1.10%
522416	GTE NORTHWEST INC-WA	0.144023	0.235198	0.215500	0.195415	63.31%	-8.38%	-9.32%
525161	PACIFIC NW BELL-WA	0.166119	0.217596	0.203800	0.184410	30.99%	-6.34%	-9.51%
522400	UTC OF THE NW-WA	0.183863	0.276200	0.221100	0.227173	50.22%	-19.95%	2.75%
205050	C & P TEL CO OF WV	0.143539	0.173859	0.161600	0.149000	21.12%	-7.05%	-7.80%
200479	GTE SOUTH INC. - WV	0.242428	0.284343	0.259100	0.233803	17.29%	-8.88%	-9.76%
330886	GTE NORTH INC. - WI	0.161337	0.227183	0.213800	0.194376	40.81%	-5.89%	-9.09%
335220	WISCONSIN BELL	0.143110	0.171402	0.164400	0.156369	19.77%	-4.09%	-4.89%
515108	MOUNTAIN BELL-WY	0.307636	0.377581	0.347300	0.317586	22.74%	-8.02%	-8.56%
511595	UTC OF THE WEST-WY	0.350424	0.482311	0.538400	0.621619	37.64%	11.63%	15.46%
NON-TIER 1 COST COMPANIES								
250302	ALLTEL ALABAMA	N/A	N/A	0.221795	0.261470	N/A	N/A	17.89%
250284	BUTLER TEL CO	0.170920	0.271600	0.297350	0.328720	58.90%	9.48%	10.55%
250281	CONTEL OF THE SOUTH	0.145030	0.181438	0.161800	0.155587	25.10%	-10.82%	-3.84%
250297	GROVE HILL TEL CORP	0.136180	0.186900	0.213440	0.276030	37.24%	14.20%	29.32%
250298	GULF TEL CO - AL	0.265516	0.352870	0.366100	0.389071	32.90%	3.75%	6.27%
250300	HOPPER TEL. CO INC	0.107755	0.125960	0.158600	0.195572	16.89%	25.91%	23.31%
250304	MILLRY TEL CO	0.377647	0.274854	0.299399	0.324436	-27.22%	8.93%	8.36%
250306	MONROEVILLE TEL CO	0.209912	0.244015	0.263256	0.303817	16.25%	7.89%	15.41%
250314	PEOPLES TEL CO	0.145080	0.201480	0.216470	0.229840	38.88%	7.44%	6.18%
250316	RAGLAND TEL CO	0.112829	0.152222	0.178800	0.209706	34.91%	17.46%	17.29%
250318	SOUTHLAND TEL CO-AL	0.161578	0.223022	0.246000	0.473254	38.03%	10.30%	92.38%

TABLE 4.20
WEIGHTED DIAL EQUIPMENT MINUTE FACTORS
BY STUDY AREA

SA CODE	COMPANY NAME	1987				ANNUAL PERCENTAGE CHANGES			
		1987	1988	1989	1990	1988	1989	1990	
502288	UT-WY TELECOM	0.148564	0.433608	0.454995	0.493141	191.87%	4.93%	8.38%	
140070	CONTEL OF VERMONT	0.312834	0.495071	0.488800	0.491400	58.25%	-1.27%	0.53%	
140058	LUDLOW TEL CO	0.334140	0.509910	0.636080	0.804680	52.60%	24.74%	26.51%	
140061	NORTHFIELD TEL CO	0.347560	0.643400	0.736960	0.757690	85.12%	14.54%	2.81%	
140062	PERKINSVILLE TEL CO	0.335760	0.499370	0.596690	0.757050	48.73%	19.49%	26.87%	
140068	TOPSHAM TEL CO	0.269340	0.374500	0.426200	0.538800	39.04%	13.81%	26.42%	
643300	VIRGIN ISLANDS TEL	0.215963	0.357567	0.349620	0.364046	65.57%	-2.22%	4.13%	
140069	WAITSFIELD/FAYSTON	0.344400	0.745134	0.850000	0.850000	116.36%	14.07%	0.00%	
190217	AMELIA TEL CORP	0.127220	0.155810	0.190970	0.231310	22.47%	22.57%	21.12%	
190249	ROANOKE & BOTETOURT	0.159087	0.225723	0.283130	0.341846	41.89%	25.43%	20.74%	
522404	ASOTIN TEL - WA	0.220890	0.281630	0.318200	0.410940	27.50%	12.99%	29.15%	
522449	CONTEL OF THE NW-WA	0.181163	0.244554	0.224700	0.226600	34.99%	-8.12%	0.85%	
522410	COWICHE TELEPHONE CO	0.127800	0.263400	0.293700	0.324403	106.10%	11.50%	10.45%	
522412	ELLENSBURG TEL CO	0.179109	0.279189	0.305207	0.348038	55.88%	9.32%	14.03%	
522417	HAT ISLAND	N/A	N/A	0.340200	0.532200	N/A	N/A	56.44%	
522419	HOOD CANAL TEL CO	0.219700	0.382700	0.435200	0.478477	74.19%	13.72%	9.94%	
522423	INLAND TEL CO -WA	0.194500	0.320200	0.364200	0.392163	64.63%	13.74%	7.68%	
522426	KALAMA TEL CO	0.223300	0.425600	0.459000	0.490377	90.60%	7.85%	6.84%	
522427	LEWIS RIVER TEL CO	0.261114	0.414037	0.498400	0.739500	58.57%	20.38%	48.37%	
522431	MASHELL TEL CO INC	0.149012	0.261485	0.322800	0.386200	75.48%	23.45%	19.64%	
522436	PENINSULA TELECOMM	0.199586	0.327400	0.347200	0.425591	64.04%	6.05%	22.58%	
522437	PIONEER TEL CO	0.153400	0.265500	0.300915	0.290291	73.08%	13.34%	-3.53%	
522442	ST JOHN TEL CO	0.182100	0.241600	0.281100	0.337790	32.67%	16.35%	20.17%	
522408	TEL UTIL OF WA INC	0.197784	0.329300	0.303635	0.274000	66.49%	-7.79%	-9.76%	
522446	TENINO TELEPHONE CO	0.161400	0.234600	0.292600	0.309445	45.35%	24.72%	5.76%	
522447	TOLEDO TELEPHONE CO	0.193152	0.235711	0.322500	0.391962	22.03%	36.82%	21.54%	
522451	WESTERN WAHIAKUM	N/A	N/A	0.318700	0.404000	N/A	N/A	26.76%	
522452	WHIDBEY TEL CO	N/A	N/A	0.340200	0.532200	N/A	N/A	56.44%	
522453	YELM TELEPHONE CO	0.133142	0.272310	0.320760	0.405130	104.53%	17.79%	26.30%	
200278	CONTEL OF WV	0.184457	0.216900	0.212900	0.241701	17.59%	-1.84%	13.53%	
200259	HARDY TEL CO	0.229760	0.279690	0.312400	0.388900	21.73%	11.70%	24.49%	
200270	MOUNTAIN STATE TEL	0.156256	0.212366	0.237200	0.255431	35.91%	11.69%	7.69%	
330841	CENCOM OF WISCONSIN	0.149580	0.216530	0.217960	0.344650	44.76%	0.66%	58.13%	
330859	CENTRAL STATE TEL CO	0.132810	0.175850	0.219990	0.305570	32.41%	25.10%	38.90%	
330895	CENTURY OF WISCONSIN	N/A	N/A	N/A	0.341700	N/A	N/A	N/A	
330860	CHEQUAMEGON TEL COOP	0.230780	0.398910	0.461180	0.526150	72.85%	15.61%	14.09%	
330870	CRANDON TEL CO	0.131775	0.177046	0.206941	0.250755	34.35%	16.89%	21.17%	
330891	HEADWATERS TEL CO	0.209994	0.292644	0.331437	0.418001	39.36%	13.26%	26.12%	
330936	INDIANHEAD TEL CO	0.218950	0.283800	0.334050	0.414770	29.62%	17.71%	24.16%	
330908	MARQUETTE-ADAMS COOP	0.365880	0.450590	0.545280	0.662500	23.15%	21.01%	21.50%	
330909	MIDWAY TEL CO	0.154710	0.198950	0.242110	0.302810	28.60%	21.69%	25.07%	
330913	MONROE COUNTY TEL CO	0.210800	0.279070	0.330464	0.418931	32.39%	18.42%	26.77%	
330916	MOUNT HOREB TEL CO	0.122842	0.212787	0.251025	0.334686	73.22%	17.97%	33.33%	
330917	MT VERNON TEL CO	0.124910	0.185880	0.228590	0.302710	48.81%	22.98%	32.42%	
330922	NORTH-WEST TEL CO	0.163959	0.204719	0.189420	0.174689	24.86%	-7.47%	-7.78%	
330931	PEOPLES TEL CO	0.105920	0.188450	0.228240	0.291960	77.92%	21.11%	27.92%	
330934	PLATTEVILLE TEL CO	0.183319	0.262731	0.317198	0.386642	43.32%	20.73%	21.89%	
330937	PRICE COUNTY TEL CO	0.186820	0.337800	0.494100	0.398300	80.82%	46.27%	-19.39%	
330940	RHINELANDER TEL CO	0.159744	0.223932	0.275908	0.334775	40.18%	23.21%	21.34%	
330952	SE TEL OF WISCONSIN	0.144604	0.197027	0.234780	0.270881	36.25%	19.16%	15.38%	
330950	OLON SPRINGS TEL CO	0.254590	0.335610	0.392458	0.484333	31.82%	16.94%	23.41%	
330956	UNIVERSAL OF N WISC	0.204100	0.250280	0.304828	0.389398	22.63%	21.79%	27.74%	
330964	URBAN TEL CORP	0.105194	0.169178	0.190248	0.228360	60.82%	12.45%	20.03%	
330963	UTELCO, INC	0.230355	0.287758	0.307877	0.325741	24.92%	6.99%	5.80%	
330974	WOOD COUNTY TEL CO	0.141720	0.167886	0.193536	0.201194	18.46%	15.28%	3.96%	
512291	DUBOIS TEL EXCHANGE	0.358720	0.690960	0.736900	0.825300	92.62%	6.65%	12.00%	
512251	RANGE TEL COOP - WY	0.295330	0.484350	0.524580	0.678770	64.00%	8.31%	29.39%	
512295	SILVER STAR TEL-WY	0.392069	0.665830	0.747854	0.811037	69.82%	12.32%	8.45%	
512299	TEL. UTIL. OF WY.	0.380108	0.584600	0.696800	0.723040	53.80%	19.19%	3.77%	
512297	UNION TELEPHONE CO	0.658300	0.644287	0.641900	0.726900	-2.13%	-0.37%	13.24%	
512290	UTAH-WYOMING TELECOM	0.478908	0.644412	0.737724	0.850000	34.56%	14.48%	15.22%	
AVERAGE SCHEDULE ESTIMATE		0.136800	0.301000	0.343800	0.360300	120.03%	14.22%	4.80%	

***PLEASE NOTE THAT AVERAGE SCHEDULE DATA ARE ESTIMATED FROM COST COMPANY 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 1935.¹ Since that time, telephone prices have tended to increase at a slower pace than most other prices. The most recent data are for June 1992. For the 12 months ending June 1992 the nation's overall level of prices (measured by the CPI for all items) rose by 3.1%. The CPI for telephone services rose by 0.3% during the same period. The CPI for telephone services is composed of three subindexes. During the most recent 12 months, the local service component (including subscriber line charges) increased by 0.7%, while the price of interstate toll calls rose by 1.0%, and the price of state toll calls fell by 2.0%.

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 the prices of most of these categories when viewed over a long period of time.²

-
- 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 1991	1981 to 1991
CPI all items	4.2 %	4.1 %
CPI all services	4.6	5.2
CPI telephone services	2.1	3.5
CPI major categories		
– food & beverages	**	3.9
– housing	**	4.0
– apparel & upkeep	3.3	3.1
– transportation	4.0	3.2
– medical care	5.2	7.9
– entertainment	**	4.4
– other goods & services	**	7.6
CPI public transportation	5.1	5.7
CPI piped gas	3.7	2.8
CPI electricity	2.4	3.4
CPI sewer & water maintenance	**	6.9
CPI postage	4.4	4.9

* 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		9.0%	0.9%
1979		13.3	0.7
1980		12.5	4.6
1981		8.9	11.7
1982		3.8	7.2
1983	3.4	3.8	3.6
1984	3.4	3.9	9.2
1985	3.6	3.8	4.7
1986	2.5	1.1	2.7
1987	3.4	4.4	-1.3
1988	4.2	4.4	1.3
1989	4.1	4.6	-0.3
1990	4.5	6.1	-0.4
1991	3.4	3.1	3.5
1992	2.8	3.1***	0.7***

* Measured December through December except as noted.

** Annual rates of change for the GNP fixed weight price index are measured fourth quarter to fourth quarter, except for 1992, which is based on the first quarter 1991 and first quarter 1992 index levels. The Bureau of Economic Analysis revised the GNP index series for 1992 to the present. Data from before 1982 is inconsistent with the current data.

*** Measured June 1991 through June 1992.

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 5.3.³ 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.

3 Local telephone rates rose at a similar pace in 1990 and 1991. Published CPI index levels, however, reflect a \$8.72 per access line credit for Southwestern Bell customers in Texas in December 1990. This appears to have caused the local service and the overall telephone service indexes to drop significantly in December, with a corresponding rise in January. The use of December index levels to calculate annual price changes leads to a slight understatement of price changes in the CPI indexes in 1990 and a corresponding overstatement in 1991.

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
1991	5.1	2.1
1992 **	0.7	0.7

* Measured December through December except as noted.

** Measured June 1991 through June 1992.

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 generally fallen since 1983, and intrastate toll rates have fallen in each of the last five 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
1991	1.3	-1.5
1992	1.0	-2.0

* Measured December through December except where noted.

** Measured June 1991 through June 1992.

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 Index Data

	All Items	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
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

TABLE 5.5
Consumer Price Index Data

	All Items	All Telephone Services	Local Services	Interstate Toll Service	Intrastate Toll Service
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
1991 January	134.6	119.3	153.4	67.1	93.4
February	134.8	119.2	153.2	67.1	93.4
March	135.0	119.3	153.2	67.5	93.3
April	135.2	119.3	153.4	67.5	92.9
May	135.6	119.3	153.6	67.5	92.6
June	136.0	119.5	153.6	67.5	93.1
July	136.2	119.6	153.8	67.5	93.2
August	136.6	119.7	154.1	67.5	93.2
September	137.2	119.9	154.2	68.0	93.1
October	137.4	120.0	154.5	68.0	92.9
November	137.8	120.4	155.0	68.2	93.3
December	137.9	120.5	155.0	68.3	93.1
1992 January	138.1	120.8	155.8	68.6	92.5
February	138.6	120.8	155.8	68.6	92.2
March	139.3	120.9	156.2	68.6	91.8
April	139.5	120.8	156.2	68.6	91.4
May	139.7	120.8	156.2	68.6	91.4
June	140.2	119.9	154.7	68.2	91.2

TABLE 5.6
 Producer Price Index Data

	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
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

TABLE 5.6
Producer Price Index Data

	Local Services	Local Residential Services	Local Business Services	Local Optional Additional Usage	Local Coin Service
	4811-1	4811-111	4811-112	4811-113	4811-114
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	234.3	126.1	246.7
April	229.4	252.7	234.3	126.1	246.6
May	229.4	252.8	234.3	126.1	246.6
June	229.4	252.8	234.3	126.1	246.6
July	229.5	252.8	234.5	126.1	246.6
August	229.5	252.8	234.5	126.1	246.6
September	229.5	252.8	234.5	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
1991 January	232.6	258.9	232.6	126.1	248.8
February	232.6	258.8	232.6	126.1	248.8
March	232.6	258.9	232.7	126.1	248.8
April	232.8	259.1	232.7	126.1	248.8
May	232.8	259.1	232.7	126.1	248.8
June	232.8	259.1	232.7	126.1	248.8
July	232.8	259.1	232.7	126.1	248.8
August	233.7	260.3	234.0	126.1	248.8
September	233.7	260.3	234.0	126.1	248.8
October	233.7	260.3	234.0	126.1	248.8
November	234.2	261.2	234.7	126.1	249.2
December	234.5	261.3	234.7	126.1	249.4
1992 January	234.3	261.0	234.7	126.1	249.4
February	234.3	261.0	234.7	126.1	249.4
March	234.3	261.0	234.7	126.1	249.4
April	234.3	261.0	234.7	126.1	249.4
May	234.3	261.0	234.7	126.1	249.4
June	234.3	261.0	234.7	126.1	249.4

TABLE 5.6
Producer Price Index Data

	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
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

TABLE 5.6
Producer Price Index Data

	Toll Service	Intrastate MTS	Interstate MTS	International MTS
	4811-2	4811-211	4811-212	4811-213
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	107.9	83.4
August	120.8	146.2	107.7	83.4
September	120.9	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
1991 January	117.8	140.9	105.6	83.4
February	117.7	140.7	105.6	83.4
March	117.6	140.7	105.4	83.4
April	117.6	140.7	105.4	83.4
May	117.6	140.7	105.4	83.4
June	116.6	138.1	105.4	83.4
July	116.3	138.1	104.7	83.4
August	117.0	140.0	104.7	83.4
September	117.8	140.0	106.3	83.6
October	117.8	140.2	106.3	83.6
November	117.8	140.1	106.3	83.6
December	117.8	140.1	106.3	83.6
1992 January	118.3	139.8	107.4	83.6
February	118.4	140.2	107.4	83.6
March	118.4	140.1	107.4	83.6
April	118.4	140.1	107.4	83.6
May	118.4	140.1	107.4	83.6
June	117.5	137.9	107.4	83.6

TABLE 5.6
Producer Price Index Data

	WATS	Interstate	Intrastate	Interstate
	4811-214	WATS 4811-214-11	WATS 4811-214-12	Private Line 4811-311
1983 January	131.8	127.1	144.1	156.9
February	131.8	127.1	144.3	156.9
March	131.8	127.1	144.3	156.9
April	131.8	127.1	144.3	156.9
May	132.4	127.1	146.3	156.9
June	132.7	127.1	147.6	156.9
July	133.7	127.1	151.2	156.9
August	133.7	127.1	151.2	156.9
September	133.7	127.1	151.2	156.9
October	133.7	127.1	151.2	156.9
November	133.7	127.1	151.2	156.9
December	133.7	127.1	151.1	158.4
1984 January	132.2	127.1	145.6	158.4
February	132.2	127.1	145.9	158.4
March	132.7	127.1	147.3	158.4
April	132.6	127.1	147.1	158.4
May	132.8	127.1	147.8	158.4
June	127.2	119.6	147.4	158.4
July	127.6	119.6	148.8	158.4
August	127.5	119.6	148.5	158.4
September	127.5	119.6	148.5	158.4
October	127.6	119.6	148.7	158.4
November	127.6	119.6	148.7	163.1
December	127.8	119.6	149.6	163.1
1985 January	127.6	119.6	148.8	163.1
February	127.6	119.6	148.8	163.1
March	127.8	119.6	149.7	159.2
April	127.8	119.6	149.5	159.2
May	128.2	119.6	150.9	159.2
June	123.5	113.1	151.0	168.3
July	123.5	113.1	151.0	168.3
August	123.5	113.1	151.0	168.3
September	123.7	113.1	151.6	168.3
October	123.6	113.1	151.3	168.3
November	123.5	113.1	150.9	168.3
December	123.3	113.1	150.3	168.3
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	
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	

TABLE 5.6
 Producer Price Index Data

	WATS	Interstate	Intrastate	Interstate
	4811-214	WATS 4811-214-11	WATS 4811-214-12	Private Line 4811-311
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	99.2	87.0	131.4	
May	99.1	87.0	131.0	
June	99.3	87.0	131.8	
July	99.1	87.0	131.0	
August	99.0	87.0	130.5	
September	98.8	87.0	130.1	
October	98.8	87.0	130.0	
November	98.8	87.0	130.0	
December	98.8	87.0	130.0	
1990 January	98.4	87.0	128.6	
February	98.4	87.0	128.6	
March	98.5	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	97.8	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	
1991 January	97.5	87.0	125.3	
February	97.5	87.0	125.3	
March	97.5	87.0	125.3	
April	97.5	87.0	125.3	
May	97.5	87.0	125.3	
June	97.5	87.0	125.3	
July	97.5	87.0	125.3	
August	97.5	87.0	125.3	
September	97.5	87.0	125.3	
October	97.5	87.0	125.3	
November	97.5	87.0	125.3	
December	97.4	87.0	124.8	
1992 January	97.1	87.0	123.9	
February	97.1	87.0	123.9	
March	97.1	87.0	123.9	
April	97.1	87.0	123.9	
May	97.1	87.0	123.9	
June	97.1	87.0	123.7	

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 1991, the national average for flat rate residential service was \$13.05 monthly. Lower-priced service alternatives are frequently available, at an average monthly charge of \$6.24. ⁴

4 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	1990	1991
Residential rates									
Unlimited service	\$10.50	\$12.10	\$12.17	\$12.58	\$12.44	\$12.32	\$12.30	\$12.39	\$13.05
Subscriber Line Charges *	0.00	0.00	1.01	2.04	2.66	2.67	3.53	3.55	3.56
<u>Taxes including 911 charges</u>	<u>1.08</u>	<u>1.25</u>	<u>1.36</u>	<u>1.51</u>	<u>1.56</u>	<u>1.58</u>	<u>1.70</u>	<u>1.85</u>	<u>2.03</u>
Total	11.58	13.35	14.54	16.13	16.66	16.57	17.53	17.79	18.64
Lowest generally available rate	5.37	5.62	5.75	5.96	5.81	5.67	5.67	5.68	6.24
Subscriber Line Charges *	0.00	0.00	1.01	2.04	2.66	2.67	3.53	3.55	3.56
<u>Taxes including 911 charges</u>	<u>0.56</u>	<u>0.58</u>	<u>0.70</u>	<u>0.84</u>	<u>0.94</u>	<u>0.91</u>	<u>1.03</u>	<u>1.15</u>	<u>1.31</u>
Total	5.93	6.20	7.46	8.84	9.41	9.25	10.23	10.38	11.11
Connection	35.01	43.71	44.32	45.63	44.04	42.94	42.71	43.06	41.88
<u>Taxes</u>	<u>1.75</u>	<u>2.19</u>	<u>2.22</u>	<u>2.28</u>	<u>2.20</u>	<u>2.11</u>	<u>2.24</u>	<u>2.32</u>	<u>2.29</u>
Total	36.76	45.90	46.54	47.91	46.24	45.05	44.95	45.38	44.17

* Includes both Federal and State subscriber line 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, 1991, indicated that assistance for monthly service charges was offered in 64 of the 95 sample cities, representing 69% of urban consumers. Connection assistance was offered in 88 of the 95 sample cities representing 91% of urban consumers. In October 1991, Lifeline and similar assistance programs provided an average benefit of \$8.37 per month. Link Up and similar connection assistance programs reduced connection costs by an average of \$23.46.

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	1990	1991
Representative Rate *	\$29.16	\$32.74	\$33.42	\$34.26	\$33.71	\$33.48	\$33.49	\$33.32	\$34.22
Subscriber Line Charges **	0.00	0.00	1.01	2.04	2.68	2.69	3.55	3.57	3.57
Taxes including 911 charges	3.35	3.77	3.96	4.17	4.18	3.95	4.21	4.32	4.63
<u>Total</u>	<u>32.51</u>	<u>36.51</u>	<u>38.39</u>	<u>40.47</u>	<u>40.57</u>	<u>40.12</u>	<u>41.25</u>	<u>41.21</u>	<u>42.42</u>
Connection	56.04	68.84	70.82	72.94	72.15	72.51	72.75	73.25	73.89
Taxes	3.08	3.79	3.90	4.01	3.97	3.92	4.06	4.15	4.43
<u>Total</u>	<u>59.12</u>	<u>72.63</u>	<u>74.72</u>	<u>76.95</u>	<u>76.12</u>	<u>76.43</u>	<u>76.81</u>	<u>77.40</u>	<u>78.32</u>

* 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 subscriber line 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 on July 1, 1992. 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		Five minute calls			10 minute calls		
		January 1984	July 1992	Percentage change	January 1984	July 1992	Percentage change
1 - 10	Day	\$0.96	\$1.00	4.2%	\$1.76	\$2.00	13.6%
	Evening	\$0.57	\$0.65	14.0%	\$1.05	\$1.30	23.8%
	Night	\$0.38	\$0.55	44.7%	\$0.70	\$1.10	57.1%
11 - 22	Day	\$1.28	\$1.10	-14.1%	\$2.38	\$2.20	-7.6%
	Evening	\$0.76	\$0.65	-14.5%	\$1.42	\$1.30	-8.5%
	Night	\$0.51	\$0.59	15.7%	\$0.95	\$1.19	25.3%
23 - 55	Day	\$1.60	\$1.10	-31.3%	\$3.00	\$2.20	-26.7%
	Evening	\$0.96	\$0.65	-32.3%	\$1.80	\$1.30	-27.8%
	Night	\$0.64	\$0.59	-7.8%	\$1.20	\$1.19	-0.8%
56 - 124	Day	\$2.05	\$1.10	-46.3%	\$3.90	\$2.20	-43.6%
	Evening	\$1.22	\$0.70	-42.6%	\$2.34	\$1.40	-40.2%
	Night	\$0.82	\$0.59	-28.0%	\$1.56	\$1.19	-23.7%
125 - 292	Day	\$2.14	\$1.10	-48.6%	\$4.09	\$2.20	-46.2%
	Evening	\$1.28	\$0.70	-45.3%	\$2.45	\$1.40	-42.9%
	Night	\$0.85	\$0.65	-23.5%	\$1.63	\$1.30	-20.2%
293 - 430	Day	\$2.27	\$1.15	-49.3%	\$4.37	\$2.30	-47.4%
	Evening	\$1.36	\$0.70	-48.5%	\$2.62	\$1.40	-46.6%
	Night	\$0.90	\$0.65	-27.8%	\$1.74	\$1.30	-25.3%
431 - 925	Day	\$2.34	\$1.15	-50.9%	\$4.49	\$2.30	-48.8%
	Evening	\$1.40	\$0.75	-46.4%	\$2.69	\$1.50	-44.2%
	Night	\$0.93	\$0.65	-30.1%	\$1.79	\$1.30	-27.4%
926 - 1910	Day	\$2.40	\$1.19	-50.4%	\$4.60	\$2.39	-48.0%
	Evening	\$1.44	\$0.75	-47.9%	\$2.76	\$1.50	-45.7%
	Night	\$0.96	\$0.65	-32.3%	\$1.84	\$1.30	-29.3%
1911 - 3000	Day	\$2.70	\$1.25	-53.7%	\$5.15	\$2.50	-51.5%
	Evening	\$1.62	\$0.77	-52.5%	\$3.09	\$1.55	-49.8%
	Night	\$1.08	\$0.65	-39.8%	\$2.06	\$1.30	-36.9%
3001 - 4250	Day	\$2.80	\$1.50	-46.4%	\$5.35	\$3.00	-43.9%
	Evening	\$1.68	\$1.04	-38.1%	\$3.21	\$2.09	-34.9%
	Night	\$1.12	\$0.80	-28.6%	\$2.12	\$1.60	-24.5%
4251 - 5750	Day	\$2.91	\$1.65	-43.3%	\$5.56	\$3.30	-40.6%
	Evening	\$1.74	\$1.10	-36.8%	\$3.33	\$2.20	-33.9%
	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 06/30/91	3.48	4.77	6.00
07/01/91 to 11/27/91	3.49	4.74	6.00
11/28/91 to 06/30/92	3.49	4.76	6.00
07/01/92 to present	3.49	4.68	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 06/30/91	1.00	1.14	2.4	7.2
07/01/91 to 06/30/92	0.88	1.06	2.4	7.0
07/01/92 to present	0.79	0.95	2.4	6.7

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).

The Universal Service Fund, which subsidizes local exchange service in high cost areas, and the Lifeline Assistance Program, which subsidizes service for low income households, are funded by the larger interexchange carriers. Carriers serving .05% or more of all presubscribed lines pay a fixed charge per presubscribed line per month. Table 5.12 shows the monthly charges per presubscribed line, the number of lines used as the basis for billings, and the total billings to interexchange carriers.

Table 5.12

Monthly Charges to Long Distance Carriers *
(Billed on a Per Line Basis)

	Universal Service Fund	Lifeline Assistance Program	Total Charge per Access Line	Access lines (000,000)	Average Total Billing per month (000,000)
04/89 - 06/89	\$0.1753	\$0.0467	\$0.2220	121.1	\$26.9
07/89 - 12/89	\$0.1752	\$0.0556	\$0.2308	121.3	\$28.0
01/90 - 06/90	\$0.2476	\$0.0366	\$0.2842	123.1	\$35.0
07/90 - 12/90	\$0.2367	\$0.0412	\$0.2779	125.4	\$34.8
01/91	\$0.2696	\$0.0593	\$0.3289	126.9	\$41.7
02/91 - 06/91	\$0.3090	\$0.0593	\$0.3683	126.9	\$46.7
07/91 - 12/91	\$0.3185	\$0.0534	\$0.3719	129.0	\$48.0
01/92 - 06/92	\$0.3823	\$0.0789	\$0.4612	130.6	\$60.2
07/92 to present	\$0.3901	\$0.0733	\$0.4634	132.0	\$61.2

- * Billings are made by NECA to Interchange Carriers who have more than .05% of the nationwide total presubscribed lines. The 132,017,921 lines shown for 7/92 to the present was the number of presubscribed lines as of June 30, 1991 for the 24 carriers subject to the charge. These 24 carriers served 98.6 percent of all presubscribed access lines on that date.

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 the end of 1991, the total amount of rate increases requested and pending before other state commissions was about \$276 million. During each of the last five years, 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 5.13.

The information in Table 5.13 reflects data we have received from the Bell Operating Companies, 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 5.13

State Telephone Rate Cases
(Millions of Dollars)

	<u>Revenue</u> <u>Increases</u> <u>Requested</u> <u>During Quarter</u>	<u>Revenue</u> <u>Changes</u> <u>Ordered</u> <u>During Quarter</u>	<u>Requests</u> <u>Pending</u> <u>at End</u> <u>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	<u>1,059.4</u>	<u>361.2</u>	3,672.3
Total	4,023.7	3,875.5	
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	<u>369.9</u>	<u>307.3</u>	1,437.3
Total	1,627.2	1,154.9	
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	<u>8.7</u>	<u>.8</u>	322.6
Total	643.7	290.0	
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	<u>57.9</u>	<u>-279.9</u>	124.7
Total	146.3	-519.0	
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	<u>15.4</u>	<u>-530.9</u>	198.5
Total	357.9	-1,366.4	
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	<u>6.2</u>	<u>-478.3</u>	419.5
Total	447.0	-838.5	

Table 5.13 (cont.)

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>
1990 First quarter	897.8	-134.6	903.6
Second quarter	58.3	-109.9	955.1
Third quarter	129.3	-316.9	1,066.8
Fourth quarter	<u>23.8</u>	<u>110.3</u>	258.6
	1,109.2	-451.1	
1991 First quarter	184.3	2.8	372.4
Second quarter	141.4	7.8	358.5
Third quarter	5.6	76.4	225.2
Fourth quarter	<u>54.3</u>	<u>-173.6</u>	132.6
	385.6	-86.6	
1992 First quarter	0.0	-125.8	132.6

6. Bypass

The regional Bell holding companies and GTE submitted their sixth bypass reports on April 30, 1992. The estimated quantity losses for the year 1990 are shown in Table 6.1. These estimated losses total 131.5 billion switched minutes of use and 0.6 million private line circuits. The switched minutes loss estimate represents about a 8 percent increase from the estimate for the previous year.

The estimated revenues losses due to bypass are shown in Table 6.2. It should be noted that these losses represent the telephone companies' unaudited estimates of revenue loss and do not reflect associated cost savings. Also, no attempt has been made to estimate what proportion of these losses are due to uneconomic bypass caused by the OCL charge. The total revenue losses were estimated to be about \$4.5 billion, based on annualized 1991 rates. This represents about a 12 percent increase from the previous year. Most of the increases have been in facility bypass. Estimated revenue losses increased by 33% for facility private line, by 16% for facility switched, and by only 4% for service switched bypass.

To put the latest report in historical perspective, summaries of the five previous bypass reports are shown in Table 6.3. The data in this table reflect subsequent revisions since the original submission of this information, and thus may differ from the data in previous monitoring reports.

While not shown here, each carrier has also submitted data for individual states. This information indicates that estimated bypass is heavily concentrated in the most populous states. The carriers have also reported many new examples of bypass. We note that since these are just examples, their totals cannot be regarded as totals for all new bypass. Therefore, we have not computed such totals. Also, as some companies have noted, some types of bypass are difficult to detect until long after they occur. The number of reported bypass abandonments is small. The descriptive materials included by the carriers in their April 1991 bypass reports are summarized following Table 6.3.

Southwestern Bell has provided estimates of overall bypass revenue loss since 1988 which have consistently declined. For Bell Atlantic, estimates have consistently declined, except the current one which increased slightly over 6% from last year's figure. NYNEX and Pacific Telesis have provided estimates since 1988 in which total revenues lost to bypass have consistently increased. The estimates of other companies have not followed any consistent pattern. GTE and NYNEX show the greatest increase in overall bypass revenue losses over last year's submissions. Ameritech and Southwestern Bell both posted declines compared to their estimates of last year.

Table 6.1
Estimated Quantity Losses Due to Bypass
April 1992 Report

Company	Facility Private Line	Facility Switched	Service Switched	Total Switched
	Thousands of Circuits	Billions of Minutes of Use		
Ameritech	141	9.5	17.0	26.5
Bell Atlantic	183	9.7	15.2	25.0
BellSouth	46	1.8	6.2	8.0
GTE	7	2.4	6.9	9.3
NYNEX	144	9.2	9.6	18.8
Pacific Telesis	56	3.8	12.7	16.5
Southwestern Bell	19	0.7	10.6	11.4
US West	19	1.0	15.1	16.1
Totals	616	38.2	93.4	131.5

Table 6.2
Estimated Revenue Losses Due to Bypass
April 1992 Report -- (Millions of Dollars)

Company	Facility Private Line	Facility Switched	Service Switched	Total Bypass
Ameritech	94	292	379	765
Bell Atlantic	161	280	248	689
BellSouth	82	64	156	302
GTE	13	117	348	478
NYNEX	369	382	179	930
Pacific Telesis	45	136	471	652
Southwestern Bell	15	20	152	188
US West	14	39	402	455
Totals	793	1,331	2,336	4,460

Table 6.3(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	
Totals	223	24.3	79.5	103.8	282	1,120	2,264	3,666	

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	
Totals	442	23.2	78.3	101.5	521	1,041	2,193	3,755	

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	
Totals	493	23.5	76.2	99.7	557	980	1,993	3,531	

Table 6.3(b)
Estimated Losses Due to Bypass – Previous Reports

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	
Totals	504	28.5	80.4	108.9	546	1,120	2,066	3,732	

April '91	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	145	9.5	20.0	29.5	86	301	456	843	
Bell Atlantic	150	8.0	15.6	23.6	127	249	272	648	
BellSouth	46	1.2	6.2	7.4	55	43	169	267	
GTE	7	2.0	5.6	7.6	13	96	232	340	
NYNEX	144	5.9	8.1	14.0	232	257	147	636	
Pacific Telesis	35	2.8	11.0	13.9	28	111	430	569	
Southwestern	46	1.5	9.8	11.3	37	45	154	236	
US West	18	1.0	13.5	14.5	18	42	395	455	
Totals	591	31.8	89.9	121.7	595	1,146	2,255	3,995	

Ameritech

Ameritech reports no change in facility switched bypass in terms of minutes of use diverted. Similarly it reports a decrease of 3% in private line circuits diverted by facility bypass and a decrease of approximately 15% in minutes of use associated with service bypass. Overall revenue loss estimates since the April 1991 report have declined by about 9%.

Bell Atlantic

Bell Atlantic reports a continued strong migration from voice grade to high capacity access circuits including DS-1 and DS-3. Its revenue loss associated with switched access increased 1% from \$521 million to \$528 million. This was associated with an increase of 6% in switched minutes. Switched access minutes of use displaced by facility bypass and private lines displaced by facility bypass both increased by about 22%. These represent 13% and 27% increases in the respective revenue losses reported last year. The overall increase revenue loss over last year's report is estimated at 6%.

BellSouth

BellSouth includes information on VSAT users from a Bellcore database and fiber optic network information from a Kessler Marketing Intelligence report. Overall revenue loss of \$302 million is 13% higher than that reported last year. The increase is accounted for by facility bypass of switched and private line services. Service switched bypass revenue losses declined 8% from last year. BellSouth reports an increase of about 8% in total switched minutes of use lost to bypass.

GTE

GTE reports 9.3 billion minutes of use associated with bypass of switched services, representing a 23% increase over last year's figure. Total revenue loss of \$478 million is 41% higher than last year's estimate of revenue loss. GTE projects a small increase of 1% in revenue loss associated with facility bypass of private line services but has increased its estimate of revenue loss from switched services due to facility bypass by about 22%.

NYNEX

NYNEX estimates a potential loss of \$930 million due to facility and service bypass which is up 46% from last year's estimate of \$636 million. Strong increases in bypass of 59% for private lines and 48% for switched services are reflected by its recent data. It has noted increases of 56% in switched minutes of use lost to facility bypass and a total of 34% increases in switched minutes of use lost to all forms of bypass. NYNEX reports it is starting to see bypass for terminating switched access. It also reports the offering of collocation tariffs in New York and Massachusetts, which has significantly increased its estimates of expected bypass. In addition to fiber facilities which account for a significant portion of the expected bypass are the use of VSAT satellite and private microwave systems which have also grown in

use. Much of the bypass reported by NYNEX is concentrated in the New York City metropolitan area.

Pacific Telesis

Pacific Telesis estimates a 62% increase in private line circuits lost to bypass and a 61% increase in private line revenue lost. An overall revenue loss of \$652 million is up 15% from last year's figure. Total switched minutes of use lost to bypass are estimated at levels 19% higher than last year. Bypass losses reported by Pacific Telesis are accounted for by fiber, private microwave and VSAT satellite circuits. Losses attributable to private microwave bypass were derived from data provided by Consearch, and fiber data used were provided by Kessler Marketing Intelligence. Quality Strategies also provided data on competitive access providers.

Southwestern Bell

Southwestern Bell has significantly reduced its estimates of bypass and currently estimates overall bypass revenue losses at \$188 million, down about 20% from last year's estimate. Estimates of revenue losses are down for all categories of bypass, particularly facility private line bypass, which is down about 59%. Facility switched minutes of use lost to bypass is currently 0.7 billion minutes, down about 51% from last year, and the net revenue impact is down about 55%.

US West

US West now estimates a total of \$455 million revenue loss to bypass, which is virtually unchanged from last year's estimate. US West notes small increases in estimated revenue losses associated with bypass of its switched services resulting from service bypass. Revenue losses associated with facility bypass of switched services declined about 9% and service bypass of switched services rose 2% over last year's estimates. A total of 16.1 billion switched minutes of use are estimated as lost to bypass, up about 12% from last year's estimate.

AT&T Facility Bypass Data

Information from users and providers of bypass arrangements has generally not been forthcoming because the companies involved regard it as proprietary and are not required to file it. AT&T, however, has been required to file monthly facility bypass reports to the FCC since June 1, 1985, in response to an order regarding AT&T Communications' Tariffs 9, 10, and 11. ¹ Although this information is just for one company, it is a major one, and although the amount of information available is limited, it is useful as another perspective on bypass.

¹ Memorandum Opinion and Order, FCC 85-221, released May 28, 1985, at para. 117 and 118.

Table 6.4 shows the number of customer requests received by AT&T for technological bypass involving connections at its central offices, the number of agreements under which customers provide access, and the number of agreements where AT&T arranges access through alternative access suppliers. The table also shows the number of DS-1 and DS-3 level channels involved. Each DS-1 can be multiplexed into as many as 24 equivalent 4Khz circuits, and each DS-3 can be multiplexed into as many as 672 equivalent 4Khz circuits, although a significant number of the equivalent circuits may not be initially active. Table 6.5 shows the total equivalent 4Khz circuit capacity associated with the indicated bypass arrangements. This was done by weighting the number of DS-1s by 24 and DS-3s by 672. All the data in both tables are provided on an annual basis, showing new amounts for each year and cumulative totals.

AT&T has verbally indicated that much of the capacity shown is associated with vendors (such as urban fiber carriers) who request capacity for their future activities. AT&T indicated that it does not have any record of disconnects of this capacity, nor does AT&T expect that any significant activity in this form existed prior to 1985 when the data was first provided to the Commission.

At the end of 1991, based on Table 6.4 data, about 268,000 potential bypass circuits were linked to AT&T's network. These local bypass circuits can be connected to either end (or both ends) of an AT&T private line circuit. AT&T reports 708,000 private line circuits² or about 1.4 million possible connecting points for these local bypass circuits. Thus, perhaps 19% of AT&T's private line terminations can be described as being potentially associated with bypass links.

² AT&T Section 214 Annual 1991 Blanket Filing, WPC-6763.

Table 6.4 – SUMMARY OF AT&T FACILITY BYPASS:

Yearly Totals	Customer Requests	Customer Provided Access			AT&T Provided Access		
		Agreements	DS-1 Channels	DS-3 Channels	Agreements	DS-1 Channels	DS-3 Channels
Total 86	103	9	384	5	3	764	4
Total 87	90	14	644	12	0	0	0
Total 88	116	18	459	7	3	4	0
Total 89	104	39	1,835	19	6	7	3
Total 90	122	36	1,290	0	43	17	2
Total 91	118	39	3,602	0	19	24	2
Cumulative Totals							
Cum '86	177	11	884	9	4	764	8
Cum '87	267	25	1,528	21	4	764	8
Cum '88	383	43	1,987	28	7	768	8
Cum '89	487	82	3,822	47	13	775	11
Cum '90	609	118	5,112	47	56	792	13
Cum '91	727	157	8,714	47	75	816	15

Table 6.5 – CAPACITY ASSOCIATED WITH BYPASS BY AT&T AND ITS CUSTOMERS

Yearly Totals	Equiv. 4 Khz Ckt. Capacity		
	Customer Provided	AT&T Provided	Total Provided
Total 86	12,576	21,024	33,600
Total 87	23,520	0	23,520
Total 88	15,720	96	15,816
Total 89	56,808	2,184	58,992
Total 90	30,960	1,752	32,712
Total 91	90,384	1,920	92,304
Cumulative Totals			
Cum '86	27,264	23,712	50,976
Cum '87	50,784	23,712	74,496
Cum '88	66,504	23,808	90,312
Cum '89	123,312	25,992	149,304
Cum '90	154,272	27,744	182,016
Cum '91	244,656	29,664	274,320

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 Telcom, 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. On July 1, 1991, Lincoln Telephone and Telegraph and Rochester Telephone's other cost study areas 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 7.1a summarizes the CCL pool revenues and expenses for the year 1991, and Table 7.1b for the first three months of 1992. Tables 7.2a and 7.2b have 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 July 1, 1992, follows. Table 7.3 shows the transitional support payments being received by Level I and II 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 column have been declining by .2 each year over a five year transition period, and will reach 0 for level I Receivers on April 1, 1993, at which time they will become Contributors. Table 7.4a shows the transitional support payments being made by Contributors from July 1, 1992 to March 31, 1993, and Table 7.4b shows the payments that will be made from April 1, 1993 to June 30, 1993. Chart 7.1 summarizes the transitional support among carriers that withdrew from the NECA pool. Tables 7.5a and 7.5b show the long term support payments being made by 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 Contributors.

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

1 Each Bell holding company has a single company-wide terminating CCL rate except Pacific Telesis, which has separate rates for Pacific Bell and Nevada Bell. Companies (currently BellSouth and GTE) with an average rate over \$.01 are required to charge an originating rate of \$.01 and a higher terminating rate.

TABLE 7.1a

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
SUMMARY OF POOL RESULTS FOR THE MONTH ENDING DECEMBER 31, 1991
REPORTED AS OF FEBRUARY 28, 1992

COMMON LINE (CL) (Note 1)	CURRENT MONTH	1991 Pool YTD (Note 2)
Carrier Common Line (CCL) Earned Revenue		
Premium	\$11,116,661	\$138,012,488
Non-premium	\$632,947	\$8,914,811
Special Access Surcharge	\$64,402	\$809,465
CCL Net Realized Uncollectibles	\$1,980	\$18,821
CCL Net Earned Revenue	\$11,812,030	\$147,717,943
End User Net Earned Revenues (Note 3)	\$28,470,110	\$343,606,106
Total Common Line Net Earned Revenues	\$40,282,140	\$491,324,049
Long Term Support	\$23,472,083	\$271,729,978
Total Common Line Revenues	\$63,754,223	\$763,054,027
NECA Administrative Cost	\$1,676,615	\$17,546,624
Average Schedule Company Settlements	\$18,142,991	\$223,776,369
Common Line Expenses and other Taxes	\$29,165,200	\$349,661,342
Common Line Adjusted Federal Income Tax	\$3,152,275	\$36,214,110
Total Common Line Expenses	\$52,137,081	\$627,198,445
Common Line Residue for Distribution (Note 4)	\$11,617,142	\$135,855,582
Common Line Net Investment	\$1,158,284,633	\$1,164,165,744
Annualized Common Line Residue Ratio (Note 5)	12.04%	11.67%

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

Note 2: The 1991 Pool Year is the period beginning January 1, 1991 through December 31, 1991. 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 1991 Pool YTD is similarly computed except that the calculation is then divided by the number of Pool Year Reporting Periods.

TABLE 7.1b

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
SUMMARY OF POOL RESULTS FOR THE MONTH ENDING APRIL 30, 1992
REPORTED AS OF JUNE 30, 1992

COMMON LINE (CL) (Note 1)	CURRENT MONTH	1992 Pool YTD (Note 2)
-----	-----	-----
Carrier Common Line (CCL) Earned Revenue		
Premium	\$11,427,401	\$44,700,327
Non-premium	\$594,168	\$2,497,222
Special Access Surcharge	\$57,336	\$240,020
CCL Net Realized Uncollectibles	\$230	\$1,281
CCL Net Earned Revenue	\$12,078,675	\$47,436,288
End User Net Earned Revenues (Note 3)	\$29,042,842	\$115,028,778
Total Common Line Net Earned Revenues	\$41,121,517	\$162,465,066
Long Term Support	\$23,472,083	\$93,888,332
Total Common Line Revenues	\$64,593,600	\$256,353,398
NECA Administrative Cost	\$1,461,789	\$5,259,363
Average Schedule Company Settlements	\$17,936,710	\$70,811,296
Common Line Expenses and other Taxes	\$29,385,930	\$118,581,086
Common Line Adjusted Federal Income Tax	\$3,504,583	\$13,578,285
Total Common Line Expenses	\$52,289,012	\$208,230,030
Common Line Residue for Distribution (Note 4)	\$12,304,588	\$48,123,368
Common Line Net Investment	\$1,178,303,066	\$1,177,923,910
Annualized Common Line Residue Ratio (Note 5)	12.53%	12.26%

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

Note 2: The 1992 Pool Year is the period beginning January 1, 1992 through December 31, 1992. 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 1992 Pool YTD is similarly computed except that the calculation is then divided by the number of Pool Year Reporting Periods.

TABLE 7.2a

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
SUMMARY OF POOL RESULTS FOR THE MONTH ENDING DECEMBER 31, 1991
REPORTED AS OF FEBRUARY 28, 1992

TRAFFIC SENSITIVE (TS) (Note 1)	CURRENT MONTH	1991 Pool YTD (Note 2)
-----	-----	-----
TS Earned Revenue	\$62,890,132	\$697,739,653
TS Net Realized Uncollectibles	\$16,190	\$60,368
TS Net Earned Revenue	\$62,873,942	\$697,679,285
Total Traffic Sensitive Revenues	\$62,873,942	\$697,679,285
NECA Administrative Cost	\$1,327,603	\$12,338,077
Average Schedule Company Settlements	\$23,829,797	\$257,361,022
TS Expenses and other Taxes	\$24,811,504	\$298,831,847
TS Adjusted Federal Income Tax	\$2,844,393	\$26,730,650
Total Traffic Sensitive Expenses	\$52,813,297	\$595,261,596
TS Residue For Distribution (Note 3)	\$10,060,645	\$102,417,689
TS Net Investment	\$873,523,517	\$876,205,045
Annualized Traffic Sensitive Residue Ratio (Note 4)	13.82%	11.69%

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

Note 2: The 1991 Pool Year is the period beginning January 1, 1991 through December 31, 1991. 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 1991 Pool YTD is similarly computed except that the calculation is then divided by the number of Pool Year Reporting Periods.

TABLE 7.2b
 NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 SUMMARY OF POOL RESULTS FOR THE MONTH ENDING APRIL 30, 1992
 REPORTED AS OF JUNE 30, 1992

TRAFFIC SENSITIVE (TS) (Note 1)	CURRENT MONTH	1992 Pool YTD (Note 2)
TS Earned Revenue	\$64,264,327	\$253,745,199
TS Net Realized Uncollectibles	\$1,155	\$5,460
TS Net Earned Revenue	\$64,263,172	\$253,739,739
Total Traffic Sensitive Revenues	\$64,263,172	\$253,739,739
NECA Administrative Cost	\$1,157,496	\$4,164,547
Average Schedule Company Settlements	\$22,886,577	\$89,347,136
TS Expenses and other Taxes	\$27,268,450	\$110,652,451
TS Adjusted Federal Income Tax	\$2,832,992	\$10,706,757
Total Traffic Sensitive Expenses	\$54,145,515	\$214,870,891
TS Residue For Distribution (Note 3)	\$10,117,657	\$38,868,848
TS Net Investment	\$950,480,015	\$953,969,474
Annualized Traffic Sensitive Residue Ratio (Note 4)	12.77X	12.22X

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

Note 2: The 1992 Pool Year is the period beginning January 1, 1992 through December 31, 1992. 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 1992 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, 1992 THRU JUNE 30, 1993

LEVEL I & II RECEIVERS	(1) TRS BASE AMOUNT @ 100%	(2) TRANSITION FACTORS JUL-MAR	(3) ANNUAL TRS SUPPORT*
BELL SOUTH	\$147,648,853	.2	\$22,147,326
GTE CORPORATION	\$207,448,673	.2	\$31,117,302
UNITED TELEPHONE SYSTEM	\$56,864,869	.2	\$8,529,733 #
CONTEL CORPORATION	\$66,926,765	.2	\$10,039,013 #
	=====		=====
	\$478,889,160		\$71,833,375
	=====		=====

GREAT PLAINS COMMUNICATIONS	(1) TRS BASE AMOUNT @ 100%	(2) TRANSITION FACTORS JUL-JUN	(3) ANNUAL TRS SUPPORT**
HUGHES TELEPHONE CO.	\$608,963	.4	\$243,584
	\$100,997	.4	\$40,400
	=====		=====
	\$709,960		\$283,984
	=====		=====
TOTAL ALL COMPANIES	\$479,599,120		\$72,117,358
	=====		=====

* ANNUAL TRS SUPPORT = (COL 1*.75*.2)+(COL 1*.25*.0) - BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE & CONTEL CORPORATION
 ** ANNUAL TRS SUPPORT = (COL 1*.4) - GREAT PLAINS COMMUNICATIONS, HUGHES TELEPHONE CO.
 # REFLECTS UNITED-CONTEL TRANSITIONAL SUPPORT CHANGES CAUSED BY THE JULY 1989 ASSET EXCHANGE.

TABLE 7.4a

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 LEVEL I & OTHER CONTRIBUTORS
 TRANSITIONAL SUPPORT AMOUNTS
 FOR TEST PERIOD JULY 1, 1992 THRU MARCH 31, 1993

LEVEL I & OTHER CONTRIBUTORS	(1) TRS AMOUNT*	(2) CONTRIBUTION FACTORS	(3) = (1) * (2) PAYMENT
SOUTHERN NEW ENGLAND TEL.	\$71,815,829	0.024144629258 **	\$1,733,967
AMERITECH	\$71,815,829	0.418907581190 **	\$30,084,195
BELL ATLANTIC	\$71,815,829	0.407204424667 **	\$29,243,723
NYNEX SVC. CO.	\$71,815,829	0.009698438350 **	\$696,501
PACIFIC TELESIS	\$71,815,829	0.029459837696 **	\$2,115,683
SOUTHWESTERN BELL	\$71,815,829	0.046392525252 **	\$3,331,718
CINCINNATI BELL	\$71,815,829	0.025715949951 **	\$1,846,812
CENTEL CORPORATION	\$71,815,829	0.015836540620 **	\$1,137,314
ROCHESTER TELEPHONE CORP. - I	\$71,815,829	0.012633522600 **	\$907,287
WARWICK VALLEY	\$71,815,829	0.000666371948 **	\$47,856
U. S. WEST	\$71,815,829	0.009340178467 **	\$670,773
LINCOLN TEL & TEL	\$72,046,363	0.002480929998 ***	\$178,742
ROCHESTER TEL. - II	\$72,046,363	0.000718872826 ***	\$51,792
			=====
			\$72,046,363
			=====

* BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE AND CONTEL CORPORATION ARE CALCULATED AT 20% FOR JUL '92 - MAR '93 AND 0% FOR APR '93 - JUN '93. GREAT PLAINS COMMUNICATIONS AND HUGHES TELEPHONE ARE CALCULATED AT 40% FOR JUL '92 - JUN '93.

** BASED ON 1988R REVENUE DATA

*** BASED ON ACCESS LINES FROM 1991 USF DATA COLLECTION

07/06/92
08:26 AM

TABLE 7.4b

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 LEVEL I & OTHER CONTRIBUTORS
 TRANSITIONAL SUPPORT AMOUNTS
 FOR TEST PERIOD APRIL 1, 1993 THRU JUNE 30, 1993

LEVEL I & OTHER CONTRIBUTORS	(1) TRS AMOUNT*	(2) CONTRIBUTION FACTORS	(3)=(1)*(2) PAYMENT
SOUTHERN NEW ENGLAND TEL.	\$50,766	0.024144629258 **	\$1,226
AMERITECH	\$50,766	0.418907581190 **	\$21,266
BELL ATLANTIC	\$50,766	0.407204424667 **	\$20,672
NYNEX SVC. CO.	\$50,766	0.009698438350 **	\$492
PACIFIC TELESIS	\$50,766	0.029459837696 **	\$1,496
SOUTHWESTERN BELL	\$50,766	0.046392525252 **	\$2,355
CINCINNATI BELL	\$50,766	0.025715949951 **	\$1,305
CENTEL CORPORATION	\$50,766	0.015836540620 **	\$804
ROCHESTER TELEPHONE CORP. - I	\$50,766	0.012633522600 **	\$641
WARWICK VALLEY	\$50,766	0.000666371948 **	\$34
U. S. WEST	\$50,766	0.009340178467 **	\$474
LINCOLN TEL & TEL	\$70,995	0.001779708653 ***	\$126
ROCHESTER TEL. - II	\$70,995	0.000515687339 ***	\$37
BELL SOUTH	\$70,995	0.135075737309 ***	\$9,590
GTE CORPORATION	\$70,995	0.097024414042 ***	\$6,888
UNITED TELEPHONE SYSTEM	\$70,995	0.030358184570 ***	\$2,155
CONTEL CORPORATION	\$70,995	0.020186214861 ***	\$1,433
			=====
			\$70,995
			=====

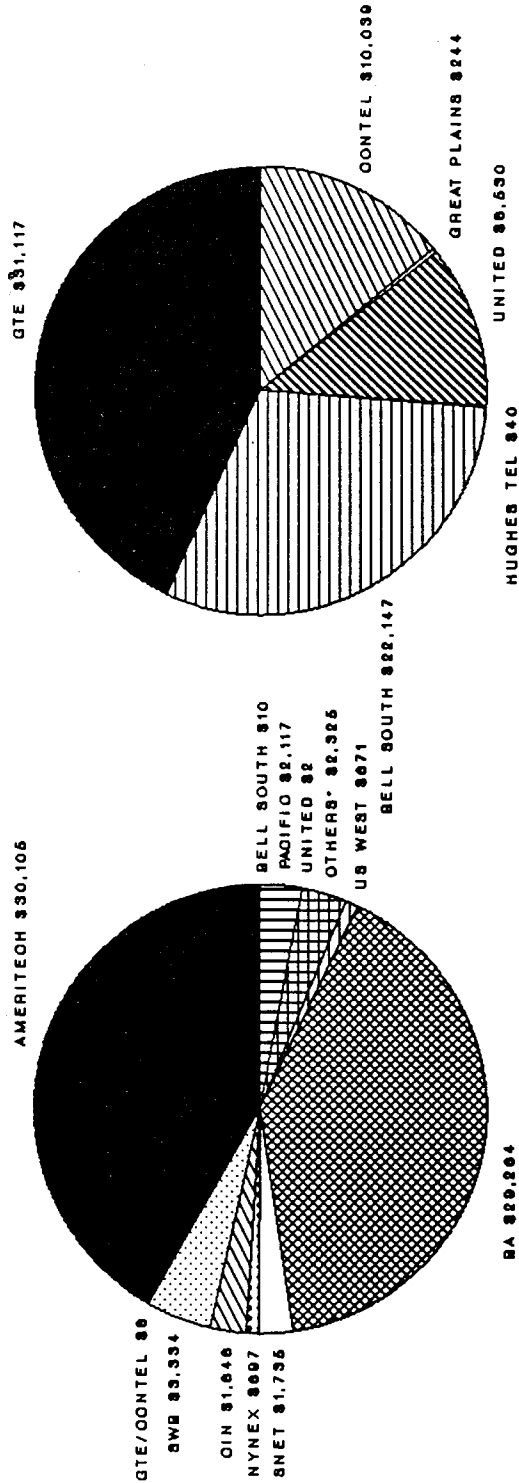
* BELL SOUTH, GTE CORPORATION, UNITED TELEPHONE AND CONTEL CORPORATION ARE CALCULATED AT 20% FOR JUL '92 - MAR '93 AND 0% FOR APR '93 - JUN '93. GREAT PLAINS COMMUNICATIONS AND HUGHES TELEPHONE ARE CALCULATED AT 40% FOR JUL '92 - JUN '93.

** BASED ON 1988R REVENUE DATA

*** BASED ON ACCESS LINES FROM 1991 USF DATA COLLECTION

CHART 7.1

7/92 THRU 6/93 TRANSITIONAL SUPPORT (\$000s)



CONTRIBUTORS
\$72,117,358

RECEIVERS
\$72,117,358

* OTHERS* INCLUDES: CENTEL, ROCHESTER TELEPHONE, WARWICK VALLEY, AND LINCOLN TELEPHONE

07/01/92

TABLE 7.5a

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 LEVEL I & OTHER CONTRIBUTOR LONG TERM SUPPORT PAYMENTS
 FOR TEST PERIOD JULY 1, 1992 THRU MARCH 31, 1993

LEVEL I & OTHER CONTRIBUTORS	(1) LTS AMOUNT	(2) CONTRIBUTION FACTORS	(3)=(1)*(2) ANNUAL LTS
SOUTHERN NEW ENGLAND TEL.	\$246,563,165	0.0241446292258	\$5,953,176
AMERITECH	\$246,563,165	0.418907581190	\$103,287,179
BELL ATLANTIC	\$246,563,165	0.4072044246667	\$100,401,612
NYNEX SVC. CO.	\$246,563,165	0.0096984383350	\$2,391,278
PACIFIC TELESIS	\$246,563,165	0.029459837696	\$7,263,711
SOUTHWESTERN BELL	\$246,563,165	0.046392525252	\$11,438,688
CINNATI BELL	\$246,563,165	0.025715949951	\$6,340,606
CENDEL CORPORATION	\$246,563,165	0.015836540620 *	\$3,904,708
ROCHESTER TELEPHONE CORP. - I	\$246,563,165	0.012633522600 *	\$3,114,961
WARWICK VALLEY	\$246,563,165	0.000666371948	\$164,303
U. S. WEST	\$246,563,165	0.009340178467	\$2,302,944
LINCOLN TEL & TEL	\$247,354,652	0.002480929998 **	\$613,670
ROCHESTER TEL. - II	\$247,354,652	0.000718872826 **	\$177,817
			=====
			\$247,354,652
			=====

* REFLECTS THE JULY 1, 1991 SALE TRANSACTION BETWEEN CENTEL AND ROCHESTER (VISTA).

** BASED ON ACCESS LINES FROM 1991 USF DATA COLLECTION

07/06/92
 08:26 AM

TABLE 7.5b

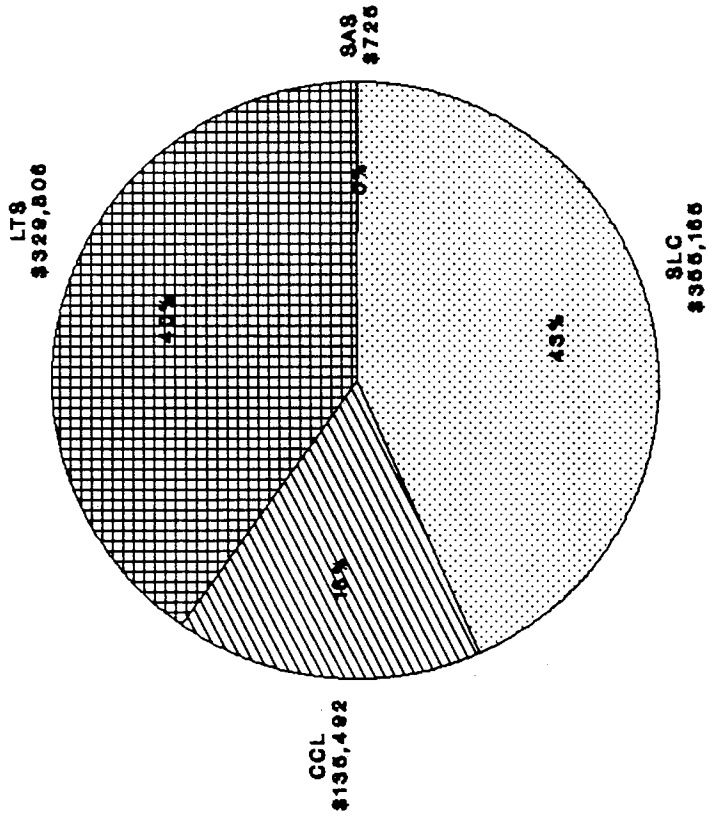
NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 LEVEL I & OTHER CONTRIBUTOR LONG TERM SUPPORT PAYMENTS
 FOR TEST PERIOD APRIL 1, 1993 THRU JUNE 30, 1993

LEVEL I & OTHER CONTRIBUTORS	(1) LTS AMOUNT	(2) CONTRIBUTION FACTORS	(3)=(1)*(2) ANNUAL LTS
SOUTHERN NEW ENGLAND TEL.	\$58,957,810	0.024144629258	\$1,423,514
AMERITECH	\$58,957,810	0.418907581190	\$24,697,874
BELL ATLANTIC	\$58,957,810	0.407204424667	\$24,007,881
NYNEX SVC. CO.	\$58,957,810	0.009698438350	\$571,799
PACIFIC TELESIS	\$58,957,810	0.029459837696	\$1,736,888
SOUTHWESTERN BELL	\$58,957,810	0.046392525252	\$2,735,202
CINCINNATI BELL	\$58,957,810	0.025715949951	\$1,516,156
CENTEL CORPORATION	\$58,957,810	0.015836540620 *	\$933,688
ROCHESTER TELEPHONE CORP. - I	\$58,957,810	0.012633522600 *	\$744,845
WARWICK VALLEY	\$58,957,810	0.000666371948	\$39,288
U. S. WEST	\$58,957,810	0.009340178467	\$550,676
LINCOLN TEL & TEL	\$82,451,551	0.001779708653 **	\$146,740
ROCHESTER TEL. - II	\$82,451,551	0.000515687339 **	\$42,519
BELL SOUTH	\$82,451,551	0.135075737000 **	\$11,137,204
GTE CORPORATION	\$82,451,551	0.097024414042 **	\$7,999,813
UNITED TELEPHONE SYSTEM	\$82,451,551	0.030358184570 **	\$2,503,079
CONTEL CORPORATION	\$82,451,551	0.020186214861 **	\$1,664,385
			=====
			\$82,451,550
			=====

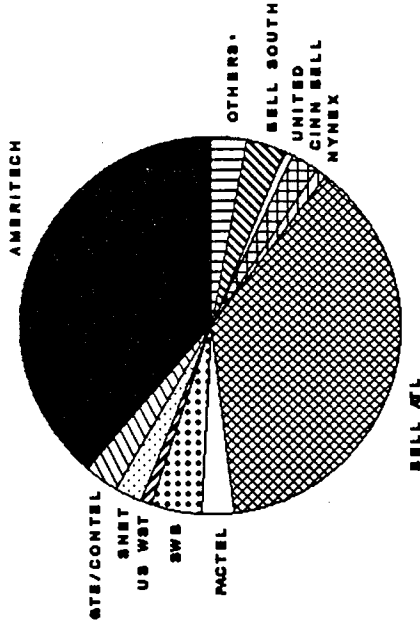
* REFLECTS THE JULY 1, 1991 SALE TRANSACTION BETWEEN CENTEL AND ROCHESTER (VISTA).

** BASED ON ACCESS LINES FROM 1991 USF DATA COLLECTION

7/92 THRU 6/93 COMMON LINE POOL SOURCES OF REVENUE (\$000s)



NECA POOL (\$821,188)



LONG TERM SUPPORT (LTS)

* 'OTHERS' INCLUDES: CENTEL, ROCHESTER TELEPHONE, WARWICK VALLEY AND LINCOLN TELEPHONE.

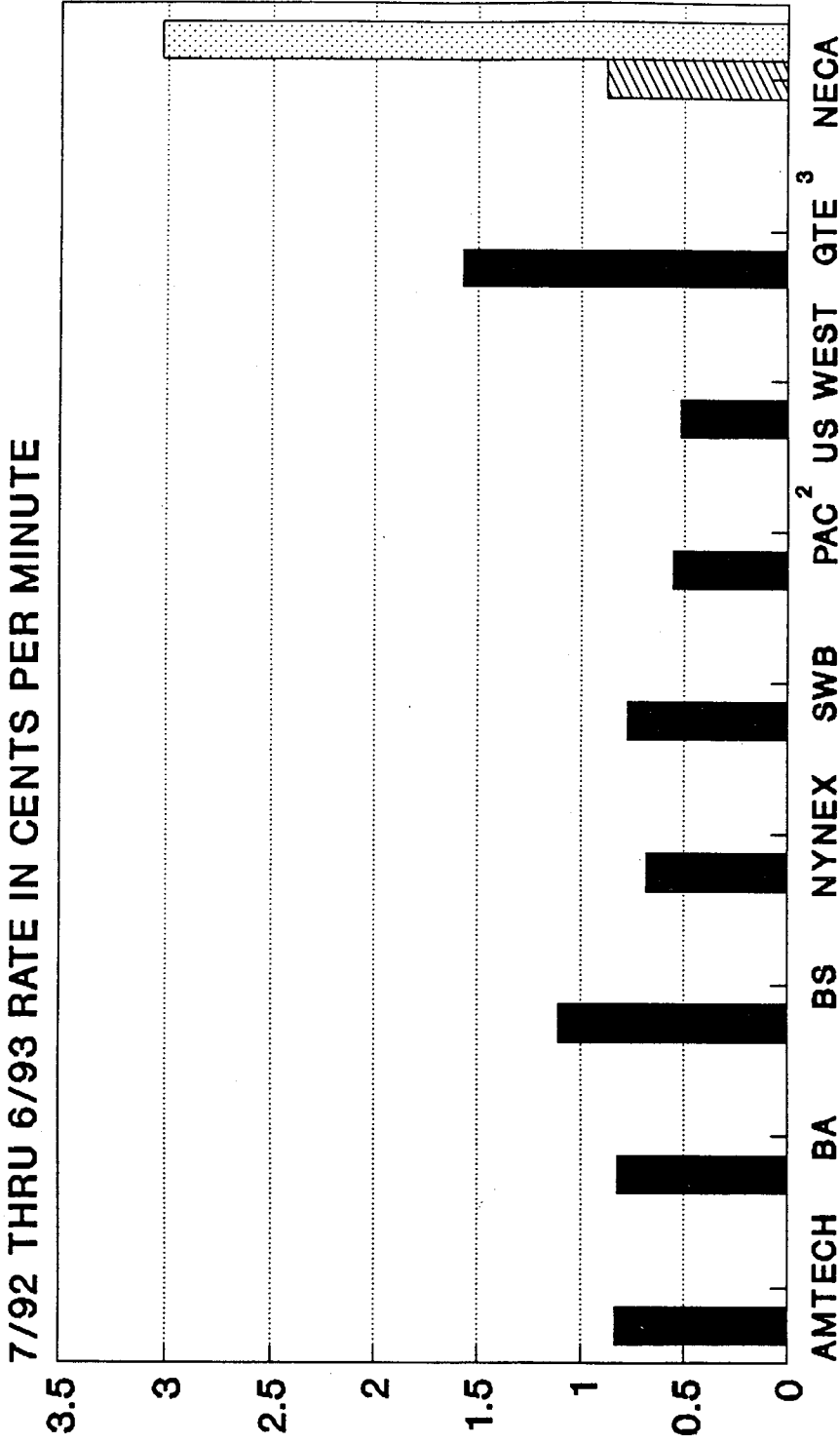
TABLE 7.6

NATIONAL EXCHANGE CARRIER ASSOCIATION, INC.
 LEVEL I & OTHER CONTRIBUTORS
 LTS AND TRS ANNUAL SUPPORT AMOUNTS
 FOR TEST PERIOD JULY 1, 1992 THRU JUNE 30, 1993

LEVEL I & OTHER CONTRIBUTORS	(1) ANNUAL LTS	(2) ANNUAL TRS	(3)=(1)+(2) TOTAL SUPPORT
SOUTHERN NEW ENGLAND TEL.	\$7,376,690	\$1,735,191	\$9,111,883
AMERITECH	\$127,985,053	\$30,105,461	\$158,090,514
BELL ATLANTIC	\$124,409,493	\$29,264,395	\$153,673,888
NYNEX SVC. CO.	\$2,963,077	\$696,993	\$3,660,070
PACIFIC TELESIS	\$9,000,599	\$2,117,179	\$11,117,777
SOUTHWESTERN BELL	\$14,173,890	\$3,334,073	\$17,507,963
CINCINNATI BELL	\$7,856,762	\$1,848,117	\$9,704,880
CENTEL CORPORATION	\$4,838,396	\$1,138,118	\$5,976,514
ROCHESTER TELEPHONE CORP. - I	\$3,859,806	\$907,928	\$4,767,734
WARWICK VALLEY	\$203,591	\$47,890	\$251,481
U. S. WEST	\$2,853,620	\$671,247	\$3,524,868
LINCOLN TEL & TEL	\$760,410	\$178,868	\$939,277
ROCHESTER TEL. - II	\$220,336	\$51,829	\$272,165
BELL SOUTH	\$11,137,204	\$9,590	\$11,146,794
GTE CORPORATION	\$7,999,813	\$6,888	\$8,006,702
UNITED TELEPHONE SYSTEM	\$2,503,079	\$2,155	\$2,505,235
CONTEL CORPORATION	\$1,664,385	\$1,433	\$1,665,818
	\$329,806,202	\$72,117,358	\$401,923,560

CHART 7.3

SUMMARIZED EQUALIZED¹ PREMIUM CCL RATES



COMPANY

WITH LTS W/O LTS

- ¹ WITH THE EXCEPTION OF BELL SOUTH AND GTE WHICH HAVE SEPARATE ORIGINATING AND TERMINATING RATES (AVERAGED FOR DISPLAY)
- ² FOR DISPLAY, PAC IS THE AVERAGE OF PACIFIC AND NEVADA BELL.
- ³ GTE DOES NOT INCLUDE CONTEL

07/01/92

Index of Tables and Charts

Access Charges	Table 5.11
Access Charges - CCL by Company	Chart 7.3
Access Charges - Lifeline and Universal Service Fund	Table 5.12
Bypass - AT&T - Capacity	Table 6.5
Bypass - AT&T - Facility	Table 6.4
Bypass Losses - Historical	Table 6.3
Bypass Losses - Quantity - Latest	Table 6.1
Bypass Losses - Revenue - Latest	Table 6.2
Consumer Price Indexes - Annual Changes - Average	Table 5.1
Consumer Price Indexes - Monthly	Table 5.5
Consumer Price Indexes - Toll Service - Annual Changes	Table 5.4
Dial Equipment Minute (DEM) Factors	Table 4.19
Dial Equipment Minute (DEM) Factors - Weighted	Table 4.20
Lifeline and Link-Up Approval Dates	Table 2.1
Lifeline and Link-Up Availability	Table 2.7
Lifeline and Link-Up Eligibility	Table 2.4
Lifeline Assistance by Company	Table 2.5
Lifeline Assistance by State	Table 2.3
Link-Up Assistance by Company	Table 2.6
Link-Up Assistance by State	Table 2.2
Loops by Company	Table 4.6
Messages - Interstate	Table 4.8
Messages - State Toll	Table 4.7
Minutes of Use - DEM - Interstate	Table 4.11
Minutes of Use - DEM - Local	Table 4.9
Minutes of Use - DEM - State Toll	Table 4.10
Minutes of Use - DEM - Total	Table 4.12
Minutes of Use - Interstate Access - Non-Tier 1	Table 4.3
Minutes of Use - Interstate Access - Tier 1	Table 4.2
Minutes of Use - Interstate Access - Total - Monthly	Table 4.1
Minutes of Use - Interstate Access - Total - Quarterly	Table 4.4
Minutes of Use - SLU - Interstate	Table 4.15
Minutes of Use - SLU - Local	Table 4.13
Minutes of Use - SLU - State Toll	Table 4.14
Minutes of Use - SLU - Total	Table 4.16
Penetration - Households	Chart 1.1
Penetration - Individuals	Chart 1.4
Penetration by Household Size	Table 1.3
Penetration by Household Size - Critical Values	Table 1.8
Penetration by Householder's Age	Table 1.5
Penetration by Householder's Age - Critical Values	Table 1.10
Penetration by Income	Table 1.4
Penetration by Income - Critical Values	Table 1.9
Penetration by Labor Force Status	Table 1.6
Penetration by Labor Force Status - Critical Values	Table 1.11
Penetration by State	Chart 1.2
Penetration by State	Table 1.2
Penetration by State - Changes	Chart 1.3
Penetration by State - Critical Values	Table 1.7
Pool - NECA - Common Line	Table 7.1
Pool - NECA - Common Line - Revenue Sources	Chart 7.2
Pool - NECA - Traffic Sensitive	Table 7.2
Price Indexes - Annual Changes	Table 5.2
Price Indexes - Local Service - Annual Changes	Table 5.3
Producer Price Indexes - Monthly	Table 5.6
Rate Cases	Table 5.13
Rates - Interstate - AT&T	Table 5.9
Rates - Residential	Table 5.7
Rates - Single Line Business	Table 5.8
Subscriber Line Charges	Table 5.10
Subscriber Line Usage (SLU) Factors	Table 4.18
Subscriber Plant Factors (SPF)	Table 4.17
Subscribership	Table 1.1
Support - Long Term - Contributors	Table 7.5
Support - Total	Table 7.6
Support - Transitional - Contributors	Table 7.4
Support - Transitional - Receivers	Table 7.3
Support - Transitional - Summary	Chart 7.1
Universal Service Fund - High Cost Formulas	Table 3.1
Universal Service Fund by State	Table 3.2
Universal Service Fund History	Table 3.3
Usage Growth Rates	Table 4.5