

WEB APPENDIX TO SECTION VI: NON-PRICE RIVALRY

3G+ COVERAGE

Web Table VI.A.i
Estimated 3G+ Coverage in the U.S. by Provider
Mosaik, Centroid Method, January 2016

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total US POPs	Square Miles Contained in Those Blocks	% of Total US Square Miles	Road Miles Contained in Those Blocks	% of Total US Road Miles
<i>US Total (actual)</i>	10,609,302	312,471,328	100.0%	3,550,852	100.0%	6,817,734	100.0%
AT&T	10,140,883	310,326,863	99.3%	2,509,688	70.7%	6,162,506	90.4%
Sprint	7,191,701	280,490,010	89.8%	833,583	23.5%	3,162,984	46.4%
T-Mobile	8,281,607	292,410,462	93.6%	1,354,379	38.1%	4,223,199	61.9%
Verizon Wireless	9,890,331	304,582,760	97.5%	2,399,099	67.6%	5,972,162	87.6%

Source: Based on centroid analysis of January 2016 Mosaik and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.

Web Table VI.A.ii
Estimated 3G+ Coverage in the U.S. by Provider
Form 477, Centroid Method, December 2015

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total US POPs	Square Miles Contained in Those Blocks	% of Total US Square Miles	Road Miles Contained in Those Blocks	% of Total US Road Miles
<i>US Total (actual)</i>	10,609,302	312,471,328	100.0%	3,550,852	100.0%	6,817,734	100.0%
AT&T	10,141,909	310,322,874	99.3%	2,514,341	70.8%	6,168,190	90.5%
Sprint	7,644,364	287,617,297	92.0%	971,271	27.4%	3,516,153	51.6%
T-Mobile	8,400,972	293,390,381	93.9%	1,416,036	39.9%	4,337,956	63.6%
Verizon Wireless	9,843,517	304,211,976	97.4%	2,370,269	66.8%	5,928,134	87.0%

Source: Based on centroid analysis of December 2015 F477 and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.

Web Table VI.A.iii
Estimated Rural 3G+ Coverage in the U.S. by Provider
Mosaik, Centroid Method, January 2016

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total Rural US POPs	Road Miles Contained in Those Blocks	% of Total Rural US Road Miles
<i>US Total (actual)</i>	4,937,330	56,094,554	100.0%	4,518,876	100.0%
AT&T	4,488,182	54,100,110	96.4%	3,888,879	86.1%
Sprint	1,983,893	33,020,380	58.9%	1,224,564	27.1%
T-Mobile	2,870,269	40,708,498	72.6%	2,125,229	47.0%
Verizon Wireless	4,334,795	52,440,005	93.5%	3,741,338	82.8%

Source: Based on centroid analysis of January 2016 Mosaik and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.

Web Table VI.A.iv
Estimated Non-Rural 3G+ Coverage in the U.S. by Provider
Mosaik, Centroid Method, January 2016

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total Non-Rural US POPs	Road Miles Contained in Those Blocks	% of Total Non-Rural US Road Miles
<i>US Total (actual)</i>	5,671,972	256,376,773	100.0%	2,298,858	100.0%
AT&T	5,652,701	256,226,753	99.9%	2,273,627	98.9%
Sprint	5,207,808	247,469,630	96.5%	1,938,421	84.3%
T-Mobile	5,411,338	251,701,964	98.2%	2,097,970	91.3%
Verizon Wireless	5,555,536	252,142,755	98.3%	2,230,824	97.0%

Source: Based on centroid analysis of January 2016 Mosaik and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.

Web Table VI.A.v
Estimated Rural 3G+ Coverage in the U.S. by Provider
Form 477, Centroid Method, December 2015

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total Rural US POPs	Road Miles Contained in Those Blocks	% of Total Rural US Road Miles
<i>US Total (actual)</i>	4,937,330	56,094,554	100.0%	4,518,876	100.0%
AT&T	4,491,443	54,130,632	96.5%	3,895,305	86.2%
Sprint	2,268,784	36,113,635	64.4%	1,473,577	32.6%
T-Mobile	2,984,758	41,609,222	74.2%	2,235,180	49.5%
Verizon Wireless	4,298,109	52,174,266	93.0%	3,702,581	81.9%

Source: Based on centroid analysis of December 2015 F477 and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.

Web Table VI.A.vi
Estimated Non-Rural 3G+ Coverage in the U.S. by Provider
Form 477, Centroid Method, December 2015

Provider	Number of Blocks	POPS Contained in Those Blocks	% of Total Non-Rural US POPs	Road Miles Contained in Those Blocks	% of Total Non-Rural US Road Miles
<i>US Total (actual)</i>	5,671,972	256,376,773	100.0%	2,298,858	100.0%
AT&T	5,650,466	256,192,242	99.9%	2,272,885	98.9%
Sprint	5,375,580	251,503,662	98.1%	2,042,577	88.9%
T-Mobile	5,416,214	251,781,159	98.2%	2,102,777	91.5%
Verizon Wireless	5,545,408	252,037,710	98.3%	2,225,553	96.8%

Source: Based on centroid analysis of December 2015 F477 and 2010 Census data. It is important to note that the number of service providers in a census block represent network coverage only. Network coverage does not necessarily reflect the number of service providers from which any particular individual or household in a given area may choose. These coverage calculations, while useful for measuring developments in mobile coverage, have certain limitations that likely result in an overstatement of the extent of mobile coverage.