

APPENDIX III

OVERALL WIRELESS INDUSTRY METRICS

Network Coverage

The tables below are based on Commission estimates derived from census block analysis of Mosaik CoverageRight coverage maps, January 2014. Population data are from the 2010 Census, and include the United States and Puerto Rico. Square miles include the United States and Puerto Rico. There are approximately 11 million census blocks and 312 million people in the entire United States (based on the 2010 Census).

We note that the percentages of population located in census blocks where zero, one, two, or three or more mobile broadband providers represent network coverage, which does not necessarily mean that they offered service to residents in the census block. In addition, we emphasize that a provider reporting mobile broadband coverage in a particular census block may not provide coverage everywhere in the census block. For both these reasons, the number of providers in a census block does not necessarily reflect the number of choices available to a particular individual or household, and does not purport to measure competition. In addition, calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile wireless and mobile broadband coverage.

Table III.A.i
Estimated Mobile Wireless Coverage by Census Block Including Federal Land,
July 2014

Number of Providers with Coverage in a Block	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</i>	11,155,486	312,471,327	100.0	3,802,067	100.0	6,821,187	100.0
1 or more	10,999,962	312,255,368	99.9	2,920,785	76.8	6,594,608	96.7
2 or more	10,691,541	310,986,957	99.5	2,558,067	67.3	6,189,521	90.7
3 or more	9,650,482	303,089,873	97.0	1,855,543	48.8	5,082,240	74.5
4 or more	8,144,671	286,485,775	91.7	1,185,433	31.2	3,801,667	55.7
5 or more	2,590,751	69,661,444	22.3	432,297	11.4	1,326,789	19.5

Note: Based on July 2014 Mosaik Data and 2010 Census Data. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflects network coverage, which does not necessarily reflect the number of choices available to a particular individual or household.

Table III.A.ii
Estimated Mobile Wireless Coverage by Census Block Excluding Federal Land,
Jan. 2014

Number of Providers with Coverage in a Block	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</i>	10,449,282	307,208,959	100.0	2,664,706	100.0	5,893,270	100.0
1 or more	10,335,706	306,912,383	99.9	2,260,521	84.8	5,764,976	97.8
2 or more	10,094,846	305,622,313	99.5	2,058,971	77.3	5,486,365	93.1
3 or more	9,194,561	298,173,820	97.1	1,561,830	58.6	4,612,503	78.3
4 or more	7,863,487	282,686,396	92.0	1,040,690	39.1	3,532,347	59.9
5 or more	4,106,624	147,056,170	47.9	456,311	17.1	1,712,159	29.1

Note: Based on January 2014 Mosaik Data and 2010 Census Data. The number of providers in a census block represent network coverage, which does not necessarily reflect the number of choices available to a particular individual or household. Coverage calculations based on Mosaik data, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile wireless coverage.

Table III.A.iii
Estimated Mobile Wireless Providers Offering Service by CMA, Excluding Territories,
December 2011

Number of Providers Offering Service Anywhere in a CMA	Two Percent Market Share Threshold		Five Percent Market Share Threshold	
	Number of CMAs	Total CMAs (Percent)	Number of CMAs	Total CMAs (Percent)
<i>Total for U.S., excluding territories</i>	716	100%	716	100%
1 provider	1	0.1%	2	0.3%
2 providers	51	7.1%	120	16.8%
3 providers	152	21.2%	213	29.7%
4 providers	210	29.3%	246	34.4%
5 or more providers	302	42.2%	135	18.9%

Note: Market share analysis based on December 2011 NRUF data. The number of providers in a CMA does not necessarily reflect the number of choices available to a particular individual or household.

Table III.A.iv
Estimated Mobile Wireless Broadband Coverage by Census Block Including Federal Land,
July 2014

Number of Providers with Coverage in a Block	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</i>	11,155,486	312,471,327	100.0	3,802,067	100.0	6,821,187	100.0
<i>1 or more</i>	10,955,702	312,118,007	99.9	2,832,670	74.5	6,528,708	95.7
<i>2 or more</i>	10,544,464	310,262,066	99.3	2,415,777	63.5	6,004,106	88.0
<i>3 or more</i>	8,881,020	295,221,340	94.5	1,476,974	38.8	4,389,681	64.4
<i>4 or more</i>	6,491,889	260,777,934	83.5	727,854	19.1	2,714,465	39.8
<i>5 or more</i>	1,153,809	38,481,044	12.3	147,041	3.9	517,579	7.6

Note: Based on July 2014 Mosaik Data and 2010 Census Data. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflects network coverage, which does not necessarily reflect the number of choices available to a particular individual or household.

Table III.A.v
Estimated Mobile Wireless Broadband Coverage by Census Block Excluding Federal Land,
Jan. 2014

Number of Providers with Coverage in a Block	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</i>	10,449,282	307,208,959	100.0	2,664,706	100.0	5,893,270	100.0
<i>1 or more</i>	10,230,158	306,455,948	99.8	2,173,496	81.6	5,648,813	95.9
<i>2 or more</i>	9,829,372	303,962,307	98.9	1,881,757	70.6	5,194,362	88.1
<i>3 or more</i>	8,244,196	288,200,564	93.8	1,172,461	44.0	3,817,550	64.8
<i>4 or more</i>	6,152,808	257,389,204	83.8	589,635	22.1	2,412,437	40.9
<i>5 or more</i>	2,571,728	114,527,905	37.3	169,321	6.4	870,215	14.8

Note: Based on January 2014 Mosaik Data and 2010 Census Data. The number of providers in a census block represent network coverage, which does not necessarily reflect the number of choices available to a particular individual or household. Coverage calculations based on Mosaik data, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile wireless coverage.

Table III.A.vi
Estimated Mobile Voice Coverage in Rural Areas by Census Block, July, 2014

Total Number of Providers with Coverage in a Block	Number of Rural Census Blocks	POPs Contained in Rural Census Blocks	% of Total U.S. POPs	Square Miles Contained in Those Blocks	% of Total U.S. Square Miles	Road Miles Contained in Those Blocks	% of Total U.S. Road Miles
<i>Total for Rural U.S.</i>	5,387,335	59,151,859	18.9	3,213,692	84.5	4,591,032	67.3
			% of Total Rural U.S. POPs		% of Total Rural U.S. Square Miles		% of Total Rural U.S. Road Miles
1 or More	5,170,059	58,746,634	99.3	2,274,978	70.8	4,269,485	93.0
2 or More	4,800,127	57,171,030	96.7	1,847,988	57.5	3,756,979	81.8
3 or More	3,780,922	49,637,522	83.9	1,197,932	37.3	2,677,632	58.3
4 or More	2,511,681	37,315,228	63.1	641,227	20.0	1,590,114	34.6
5 or More	1,003,192	15,942,179	27.0	217,282	6.8	581,484	12.7

Note: Based on July 2014 Mosaik Data and 2010 Census Data. This table includes federal lands. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflects network coverage, which does not necessarily reflect the number of choices available to a particular individual or household.

Table III.A.vii
Estimated Mobile Voice Coverage in *Non-Rural* Areas by Census Block, July 2014

Total Number of Providers with Coverage in a Block	Number of Non-Rural Census Blocks	POPs Contained in Non-Rural Census Blocks	% of Total U.S. POPs	Square Miles Contained in Those Blocks	% of Total U.S. Square Miles	Road Miles Contained in Those Blocks	% of Total U.S. Road Miles
<i>Total for Non-Rural U.S.</i>	5,768,151	253,319,468	81.8	588,375	15.5	2,230,155	32.7
			% of Total Non-Rural U.S. POPs		% of Total Non-Rural U.S. Square Miles		% of Total Non-Rural U.S. Road Miles
1 or More	5,750,760	253,258,508	100.0	547,045	93.0	2,213,555	99.3
2 or More	5,713,447	252,963,388	99.9	519,407	88.3	2,178,719	97.7
3 or More	5,583,562	251,220,629	99.2	463,342	78.7	2,074,459	93.0
4 or More	5,153,890	241,535,475	95.3	349,922	59.5	1,796,946	80.6
5 or More	1,224,165	47,716,006	18.8	94,078	16.0	452,719	20.3

Note: Based on July 2014 Mosaik Data and 2010 Census Data. This table includes federal lands. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflects network coverage, which does not necessarily reflect the number of choices available to a particular individual or household.

Table III.A.viii
Estimated Mobile Broadband Coverage in *Rural Areas* by Census Block, July 2014

Total Number of Providers with Coverage in a Block	Number of Rural Census Blocks	POPs Contained in Rural Census Blocks	% of Total U.S. POPs	Square Miles Contained in Those Blocks	% of Total U.S. Square Miles	Road Miles Contained in Those Blocks	% of Total U.S. Road Miles
<i>Total for Rural U.S.</i>	5,387,335	59,151,859	18.9	3,213,692	84.5	4,591,032	67.3
			% of Total Rural U.S. POPs		% of Total Rural U.S. Square Miles		% of Total Rural U.S. Road Miles
1 or More	5,198,640	58,823,960	99.4	2,284,903	71.1	4,310,622	93.9
2 or More	4,821,786	57,207,075	96.7	1,891,206	58.8	3,816,932	83.1
3 or More	3,374,470	45,349,721	76.7	1,035,083	32.2	2,368,983	51.6
4 or More	1,698,232	26,550,466	44.9	424,190	13.2	1,082,093	23.6
5 or More	442,364	8,032,212	13.6	101,614	3.2	271,213	5.9

Note: Based on July 2014 Mosaik Data and 2010 Census Data. This table includes federal lands. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflect network coverage, which does not necessarily reflect the number of choices available to a particular individual or household

Table III.A.ix

Estimated Mobile Broadband Coverage in Non-Rural Areas by Census Block, July 2014

Total Number of Providers with Coverage in a Block	Number of Non-Rural Census Blocks	POPs Contained in Non-Rural Census Blocks	% of Total U.S. POPs	Square Miles Contained in Those Blocks	% of Total U.S. Square Miles	Road Miles Contained in Those Blocks	% of Total U.S. Road Miles
<i>Total for Non-Rural U.S.</i>	5,768,151	253,319,468	81.8	588,375	15.5	2,230,155	32.7
			% of Total Non-Rural U.S. POPs		% of Total Non-Rural U.S. Square Miles		% of Total Non-Rural U.S. Road Miles
1 or More	5,757,062	253,294,047	100.0	547,768	93.1	2,218,086	99.5
2 or More	5,722,678	253,054,991	99.9	524,572	89.2	2,187,174	98.1
3 or More	5,506,550	249,871,619	98.6	441,891	75.1	2,020,698	90.6
4 or More	4,793,657	234,227,468	92.5	303,664	51.6	1,632,373	73.2
5 or More	711,445	30,448,832	12.0	45,427	7.7	246,366	11.0

Note: Based on July 2014 Mosaik Data and 2010 Census Data. This table includes federal lands. Calculations based on Mosaik data on coverage, while useful for measuring developments in mobile wireless coverage, have certain limitations that likely overstate the extent of mobile broadband coverage. The number of providers in a census block reflects network coverage, which does not necessarily reflect the number of choices available to a particular individual or household.

Chart III.A.i

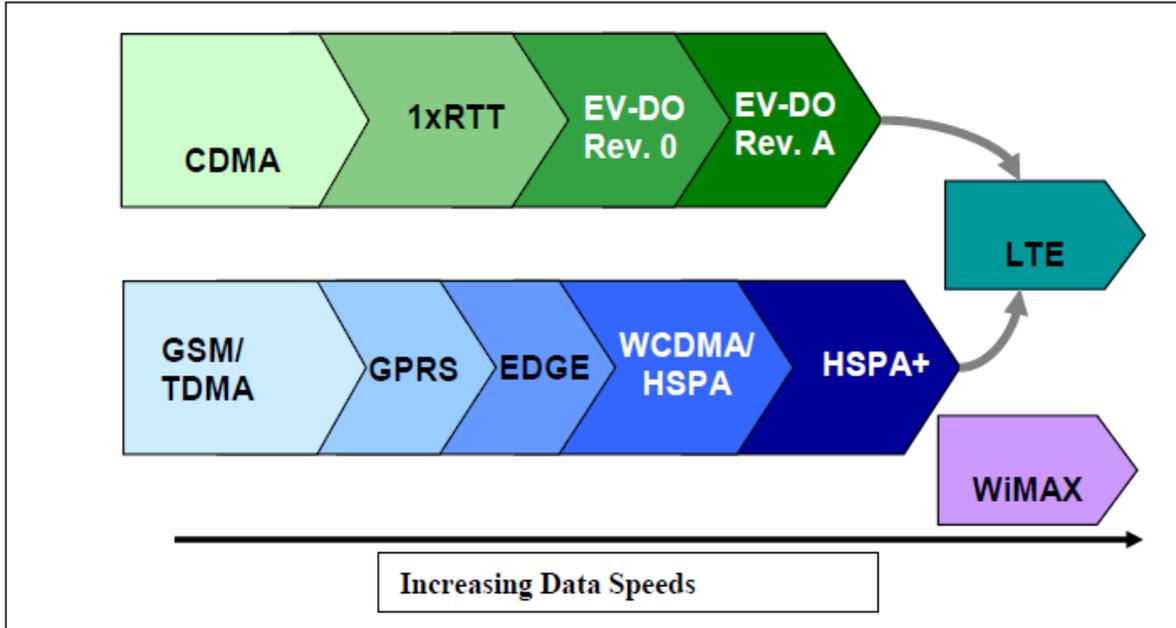


Table III.A.viii

Estimated Mobile Wireless Coverage by Technology, July 2014¹

Technology	POPs in Covered Blocks	% of Total POPs	Square Miles Contained in Those Blocks	% of Total Square Miles	Road Miles Contained in Those Blocks	% of Total U.S. Road Miles
CDMA	310,225,784	99.3	2,564,020	67.4	6,166,715	90.4
GSM/TDMA	310,406,456	99.3	2,537,613	66.7	6,096,366	89.4
iDEN	15,315,241	4.9	106185.512	2.8	311048.46	4.6
Total Digital	311,965,690	99.8	2,820,818	74.2	6,480,282	95.0

Note: Based on July 2014 Mosaik Data and 2010 Census Data.

¹ Includes Federal lands. Commission estimates based on census block analysis of Mosaik CoverageRight coverage maps, July 2014. Population data are from the 2010 Census, and the square miles include the United States and Puerto Rico.

Overall Connections and Customers

**Table III.B.i
EA Penetration Rates**

2013 Rank	EA	Market Name	Penetration Rate	
			2012	2013
1	120	Grand Island, NE	101%	188%
2	57	Detroit-Ann Arbor-Flint, MI	128%	137%
3	55	Cleveland-Akron, OH-PA	121%	130%
4	122	Wichita, KS-OK	109%	127%
5	51	Columbus, OH	111%	120%
6	83	New Orleans, LA-MS	118%	116%
7	20	Norfolk-Virginia Beach-Newport News, VA-NC	111%	115%
8	89	Monroe, LA	123%	115%
9	10	New York-North New Jersey-Long Island, NY-NJ-CT-PA	111%	115%
10	13	Washington-Baltimore, DC-MD-VA-WV-PA	117%	114%
11	85	Lafayette, LA	113%	114%
12	49	Cincinnati-Hamilton, OH-KY-IN	112%	114%
13	64	Chicago-Gary-Kenosha, IL-IN-WI	108%	114%
14	135	Odessa-Midland, TX	110%	114%
15	111	Minot, ND	113%	113%
16	90	Little Rock-North Little Rock, AR	117%	113%
17	31	Miami-Fort Lauderdale, FL	108%	112%
18	50	Dayton-Springfield, OH	106%	112%
19	84	Baton Rouge, LA-MS	111%	111%
20	155	Farmington, NM-CO	110%	111%
21	87	Beaumont-Port Arthur, TX	108%	111%
22	40	Atlanta, GA-AL-NC	109%	111%
23	17	Roanoke, VA-NC-WV	110%	110%
24	3	Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH	107%	110%
25	97	Springfield, IL-MO	108%	109%
26	171	Anchorage, AK	98%	109%
27	73	Memphis, TN-AR-MS-KY	107%	109%
28	12	Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD	106%	109%
29	99	Kansas City, MO-KS	104%	109%
30	44	Knoxville, TN	108%	109%
31	71	Nashville, TN-KY	111%	108%
32	88	Shreveport-Bossier City, LA-AR	112%	108%

33	124	Tulsa, OK-KS	118%	108%
34	79	Montgomery, AL	106%	108%
35	22	Fayetteville, NC	110%	107%
36	15	Richmond-Petersburg, VA	106%	107%
37	34	Tampa-St. Petersburg-Clearwater, FL	104%	107%
38	78	Birmingham, AL	107%	107%
39	37	Albany, GA	104%	106%
40	131	Houston-Galveston-Brazoria, TX	104%	106%
41	80	Mobile, AL	105%	106%
42	132	Corpus Christi, TX	103%	106%
43	172	Honolulu, HI	102%	106%
44	86	Lake Charles, LA	109%	106%
45	93	Joplin, MO-KS-OK	104%	106%
46	125	Oklahoma City, OK	115%	106%
47	127	Dallas-Fort Worth, TX-AR-OK	103%	106%
48	81	Pensacola, FL	104%	106%
49	77	Jackson, MS-AL-LA	103%	106%
50	29	Jacksonville, FL-GA	102%	105%
51	56	Toledo, OH	102%	105%
52	96	St. Louis, MO-IL	105%	105%
53	141	Denver-Boulder-Greeley, CO-KS-NE	103%	105%
54	69	Evansville-Henderson, IN-KY-IL	99%	105%
55	107	Minneapolis-St. Paul, MN-WI-IA	102%	105%
56	152	Salt Lake City-Ogden, UT-ID	101%	105%
57	82	Biloxi-Gulfport-Pascagoula, MS	105%	105%
58	161	San Diego, CA	103%	105%
59	53	Pittsburgh, PA-WV	103%	105%
60	38	Macon, GA	105%	105%
61	170	Seattle-Tacoma-Bremerton, WA	103%	104%
62	163	San Francisco-Oakland-San Jose, CA	101%	104%
63	24	Columbia, SC	100%	104%
64	74	Huntsville, AL-TN	106%	104%
65	63	Milwaukee-Racine, WI	99%	104%
66	70	Louisville, KY-IN	101%	104%
67	27	Augusta-Aiken, GA-SC	104%	104%
68	8	Buffalo-Niagara Falls, NY-PA	101%	104%
69	153	Las Vegas, NV-AZ-UT	101%	104%
70	134	San Antonio, TX	99%	103%
71	41	Greenville-Spartanburg-Anderson, SC-NC	100%	103%
72	128	Abilene, TX	98%	102%
73	160	Los Angeles-Riverside-Orange County, CA-AZ	100%	102%

74	45	Johnson City-Kingsport-Bristol, TN-VA	103%	102%
75	23	Charlotte-Gastonia-Rock Hill, NC-SC	101%	102%
76	159	Tucson, AZ	97%	102%
77	35	Tallahassee, FL-GA	100%	102%
78	18	Greensboro-Winston-Salem-High Point, NC-VA	101%	101%
79	5	Albany-Schenectady-Troy, NY	100%	101%
80	136	Hobbs, NM-TX	85%	101%
81	101	Peoria-Pekin, IL	98%	100%
82	30	Orlando, FL	97%	100%
83	67	Indianapolis, IN-IL	98%	100%
84	95	Jonesboro, AR-MO	105%	100%
85	143	Casper, WY-ID-UT	98%	100%
86	16	Staunton, VA-WV	99%	100%
87	2	Portland, ME	98%	100%
88	43	Chattanooga, TN-GA	99%	99%
89	137	Lubbock, TX	96%	99%
90	130	Austin-San Marcos, TX	96%	99%
91	133	McAllen-Edinburg-Mission, TX	97%	99%
92	7	Rochester, NY-PA	97%	99%
93	42	Asheville, NC	98%	99%
94	75	Tupelo, MS-AL-TN	97%	99%
95	103	Cedar Rapids, IA	100%	99%
96	102	Davenport-Moline-Rock Island, IA-IL	98%	99%
97	154	Flagstaff, AZ-UT	97%	99%
98	25	Wilmington, NC-SC	96%	98%
99	142	Scottsbluff, NE-WY	98%	98%
100	158	Phoenix-Mesa, AZ-NM	95%	98%
101	129	San Angelo, TX	94%	98%
102	26	Charleston-North Charleston, SC	98%	98%
103	9	State College, PA	96%	98%
104	138	Amarillo, TX-NM	93%	98%
105	28	Savannah, GA-SC	97%	98%
106	6	Syracuse, NY-PA	96%	98%
107	72	Paducah, KY-IL	93%	98%
108	167	Portland-Salem, OR-WA	95%	98%
109	66	Fort Wayne, IN	95%	97%
110	62	Grand Rapids-Muskegon-Holland, MI	93%	97%
111	76	Greenville, MS	97%	97%
112	59	Green Bay, WI-MI	94%	97%
113	106	Rochester, MN-IA-WI	95%	97%
114	36	Dothan, AL-FL-GA	93%	97%

115	39	Columbus, GA-AL	100%	97%
116	48	Charleston, WV-KY-OH	99%	97%
117	109	Duluth-Superior, MN-WI	93%	97%
118	19	Raleigh-Durham-Chapel Hill, NC	96%	96%
119	100	Des Moines, IA-IL-MO	96%	96%
120	119	Lincoln, NE	93%	96%
121	91	Fort Smith, AR-OK	99%	96%
122	94	Springfield, MO	90%	96%
123	151	Reno, NV-CA	92%	96%
124	144	Billings, MT-WY	93%	96%
125	118	Omaha, NE-IA-MO	95%	96%
126	11	Harrisburg-Lebanon-Carlisle, PA	93%	96%
127	164	Sacramento-Yolo, CA	92%	96%
128	148	Idaho Falls, ID-WY	95%	95%
129	166	Eugene-Springfield, OR-CA	92%	95%
130	157	El Paso, TX-NM	92%	95%
131	139	Santa Fe, NM	94%	95%
132	4	Burlington, VT-NY	92%	95%
133	156	Albuquerque, NM-AZ	93%	95%
134	98	Columbia, MO	95%	95%
135	52	Wheeling, WV-OH	95%	95%
136	110	Grand Forks, ND-MN	93%	94%
137	116	Sioux Falls, SD-IA-MN-NE	93%	94%
138	169	Richland-Kennewick-Pasco, WA	92%	94%
139	147	Spokane, WA-ID	92%	94%
140	126	Western Oklahoma, OK	102%	94%
141	68	Champaign-Urbana, IL	92%	93%
142	32	Fort Myers-Cape Coral, FL	91%	93%
143	165	Redding, CA-OR	90%	93%
144	65	Elkhart-Goshen, IN-MI	90%	93%
145	123	Topeka, KS	90%	93%
146	140	Pueblo, CO-NM	89%	93%
147	149	Twin Falls, ID	92%	92%
148	1	Bangor, ME	93%	92%
149	113	Fargo-Moorhead, ND-MN	90%	92%
150	54	Erie, PA	90%	92%
151	33	Sarasota-Bradenton, FL	90%	92%
152	60	Appleton-Oshkosh-Neenah, WI	90%	92%
153	150	Boise City, ID-OR	89%	92%
154	108	Wausau, WI	92%	92%
155	117	Sioux City, IA-NE-SD	91%	92%

156	104	Madison, WI-IA-IL	90%	91%
157	47	Lexington, KY-TN-VA-WV	88%	90%
158	21	Greenville, NC	90%	90%
159	145	Great Falls, MT	88%	90%
160	46	Hickory-Morganton, NC-TN	90%	89%
161	14	Salisbury, MD-DE-VA	90%	89%
162	162	Fresno, CA	84%	87%
163	115	Rapid City, SD-MT-ND-NE	90%	87%
164	92	Fayetteville-Springdale-Rogers, AR-MO-OK	88%	86%
165	168	Pendleton, OR-WA	83%	86%
166	105	La Crosse, WI-MN	84%	85%
	112	Bismarck, ND-MT-SD	94%	*
	58	Northern Michigan, MI	*	*
	61	Traverse City, MI	*	*
	114	Aberdeen, SD	*	*
	121	North Platte, NE-CO	*	*
	146	Missoula, MT	*	*

Consumers and Mobile Wireless

**Table III.C.i
Market Share by Smartphone Model, 2009 – 2013**

Operating System Developer	Share of Smartphones in Use				
	December 2009	August 2010	September 2011	September 2012	September 2013
Google/Android	5.2%	19.6%	44.8%	52.2%	51.80%
Apple	25.3%	24.2%	27.4%	34.3%	40.60%
RIM/BlackBerry	41.6%	37.6%	18.9%	8.4%	3.8%
Microsoft	18.0%	10.8%	5.6%	3.6%	3.3%
Palm	6.1%	4.6%	0.0%	0.0%	0.0%
Symbian	0.0%	0.0%	1.8%	0.6%	0.3%
All Others	3.8%	3.2%	1.5%	0.6%	0.20%

Note: based on ComScore MobiLens 3-month survey data averages

Table III.C.ii
Percentage of U.S. Adults Living in Households with/without Wireless and Landlines
(2008 - 2013)

Date of interview	Percent of Adults in Households with:			
	Landline with Wireless	Landline without Wireless	Wireless-only	Phoneless
Jul–Dec 2008	63.7%	15.1%	18.4%	1.7%
Jan–Jun 2009	63.5%	13.4%	21.1%	1.5%
Jul–Dec 2009	62.5%	12.6%	22.9%	1.7%
Jan–Jun 2010	62.2%	10.9%	24.9%	1.7%
Jul–Dec 2010	59.4%	10.7%	27.8%	1.8%
Jan–Jun 2011	58.8%	9.0%	30.2%	1.8%
Jul–Dec 2011	57.3%	8.3%	32.3%	1.9%
Jan–Jun 2012	56.1%	7.8%	34.0%	1.9%
Jul–Dec 2012	54.4%	7.0%	36.5%	1.9%
Jan–Jun 2013	52.8%	6.9%	38.0%	2.2%
Jun-Dec 2013	51.5%	7.0%	39.1%	2.2%

Note: Adults are aged 18 and over, children are under age 18, Source: CDC/NCHS National Health Interview Survey Early Release Program, “Wireless Substitution: Early Release of Estimates From the National Health Interview Survey, July–December 2013”, Table 1, Released July 2014

Table II.C.iii
Percentage of U.S. Children Living in Households with/without Wireless and Landlines
(2008 - 2013)

Date of interview	Percent of Children in Households with:			
	Landline with Wireless	Landline without Wireless	Wireless-only	Phoneless
Jul–Dec 2008	67.1%	11.1%	18.7%	2.4%
Jan–Jun 2009	67.6%	9.1%	21.3%	1.7%
Jul–Dec 2009	63.4%	8.5%	25.9%	1.9%
Jan–Jun 2010	62.8%	6.4%	29.0%	1.7%
Jul–Dec 2010	59.8%	6.2%	31.8%	2.0%
Jan–Jun 2011	56.7%	5.1%	36.4%	1.7%
Jul–Dec 2011	54.7%	4.8%	38.1%	2.2%
Jan–Jun 2012	52.7%	4.5%	40.6%	2.2%
Jul–Dec 2012	49.5%	3.4%	45.0%	1.9%
Jan–Jun 2013	48.3%	3.6%	45.4%	2.6%
Jul–Dec 2014	46.4%	3.8%	47.1%	2.5%

Note: Adults are aged 18 and over, children are under age 18, Source: CDC/NCHS National Health Interview Survey Early Release Program, “Wireless Substitution: Early Release of Estimates From the National Health Interview Survey, July–December 2013”, Table 1, Released July 2014.