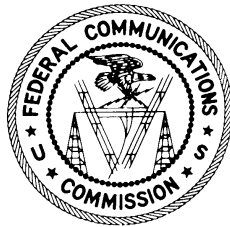


Local Telephone Competition: Status as of June 30, 2010

Industry Analysis and Technology Division
Wireline Competition Bureau
March 2011



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Local Telephone Competition: Status as of June 30, 2010

Introduction. The Commission has used FCC Form 477 to collect subscribership information from telephone service providers – the incumbent local exchange carriers (ILECs), competitive local exchange carriers (CLECs), and mobile telephony providers – for more than a decade.^{1,2} The Commission has required interconnected Voice over Internet Protocol (“interconnected VoIP”) service providers to report subscribership information since December 2008 because the use of VoIP technology is growing rapidly and it increasingly is used to provide local telephone service.³

This report summarizes information about telephone services as of June 30, 2010. It demonstrates that interconnected VoIP service subscribership has continued to increase while subscribership to traditional wired telephone services has declined. We also update summary statistics for the mobile telephony subscribership information collected by Form 477.⁴

Wireline retail local telephone service. Retail local telephone service customers are served by two wireline technologies – “end-user” switched access lines and interconnected VoIP “subscriptions.”

- In June 2010, there were 122 million end-user switched access lines in service and 29 million interconnected VoIP subscriptions in the United States, or 151 million wireline retail local telephone service connections in total. See Figure 1.

¹ See the Technical Notes and the Glossary that appear at the end of this report for more-detailed information about the Form 477 and the meaning of terms used in this report.

² For an overview of program history for the telephone services data, see *Local Telephone Competition: Status as of December 31, 2008* (June 2010) at pp. 1-2, available at <http://www.fcc.gov/wcb/iatd/comp.html>. Readers who are interested in historical trends in the data should note the changes in reporting requirements that were effective in 2008 and earlier, in 2005.

³ The FCC’s rules (at 47 C.F.R. § 9.3) state:

An interconnected Voice over Internet Protocol (VoIP) service is a service that:

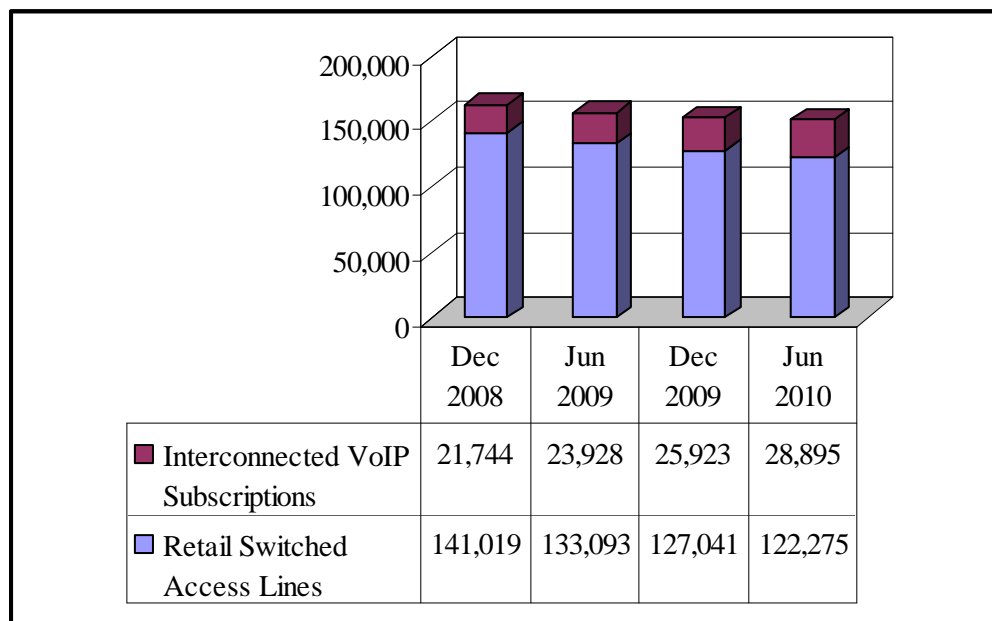
- (1) Enables real-time, two-way voice communications;
- (2) Requires a broadband connection from the user’s location;
- (3) Requires Internet protocol-compatible customer premises equipment (CPE); and
- (4) Permits users generally to receive calls that originate on the public switched telephone network and to terminate calls to the public switched telephone network.

We note that the current interpretation of element (4) of the definition excludes the VoIP services that Skype offers in the United States, and subscribers to those services are not reported on Form 477. Prior to the December 2008 data, companies such as Vonage that solely provide interconnected VoIP service did not file Form 477. Telephone companies and cable companies that provided local exchange telephone service were required to file Form 477 but were not required to report interconnected VoIP subscriptions. However, some of these companies chose to include interconnected VoIP subscriptions in the number of retail (end-user) switched access lines that they reported.

⁴ The presentation of mobile wireless telephone subscriber counts in this report does not constitute, or imply, Commission analysis of the extent to which wireline and mobile wireless telephone services are demand substitutes or complements in general or in any particular situation. In the Form 477 program, commercial mobile radio service (CMRS) carriers who own or operate wireless networks report both their retail telephone service customers and the retail customers of mobile wireless telephone service resellers.

- Interconnected VoIP subscriptions had increased by 21% (from 24 million to 29 million) and retail switched access lines had decreased by 8% (from 133 million to 122 million) during the preceding year. The combined effect was an annual decrease of 4% in wireline retail local telephone service connections (from 157 million to 151 million). See Figure 1.

Figure 1
Interconnected VoIP Subscriptions and Retail Switched Access Lines, 2008 - 2010
(In Thousands)

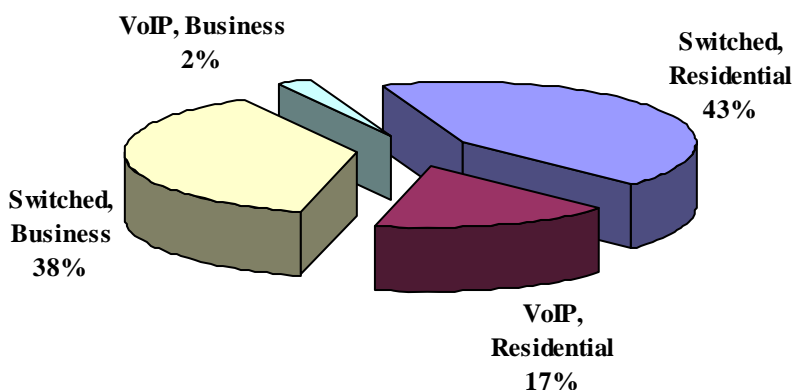


- Of the 151 million wireline retail local telephone service connections in June 2010, 90 million (or 59%) were residential connections and 61 million (or 41%) were business connections. See Figure 2.
- Cross-classified by technology and customer type, the 151 million wireline retail local telephone service connections in June 2010 were: 43% residential switched access lines, 38% business switched access lines, 17% residential interconnected VoIP subscriptions, and 2% business interconnected VoIP subscriptions. See Figure 2.

Figure 2
Wireline Retail Local Telephone Service Connections by Technology and Customer Type as of June 30, 2010 (In Thousands)

	Switched Access Lines	Interconnected VoIP	Total
Residential	64,523	25,231	89,753
Business	57,753	3,665	61,417
Total	122,275	28,895	151,171

Figures may not add to totals due to rounding.



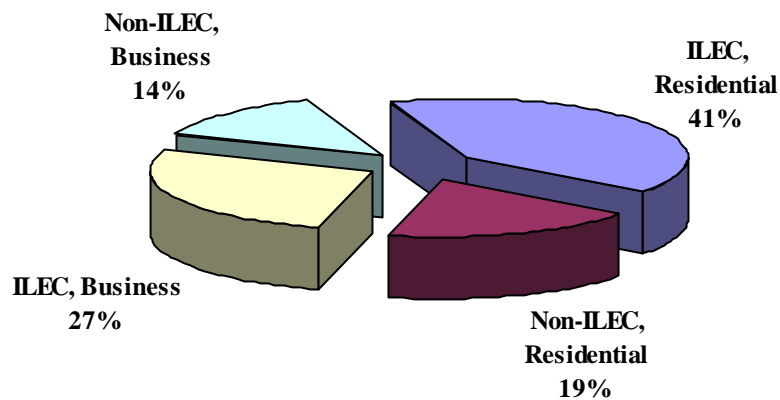
Service providers. The Form 477 program – and this report – distinguishes ILEC operations from all other operations.

- Cross-classified by customer type (residential or business) and the service retailer’s regulatory status (ILEC or non-ILEC), the 151 million wireline retail local telephone service connections (including both switched access lines and interconnected VoIP subscriptions) in June 2010 were: 41% ILEC residential service, 27% ILEC business service, 19% non-ILEC residential service, and 14% non-ILEC business service. See Figure 3.

Figure 3
Wireline Retail Local Telephone Service Connections by Customer Type and Regulatory Status as of June 30, 2010 (In Thousands)

	Residential	Business	Total
ILEC	61,574	40,814	102,388
Non-ILEC	28,179	20,603	48,782
Total	89,753	61,417	151,171

Figures may not add to totals due to rounding.

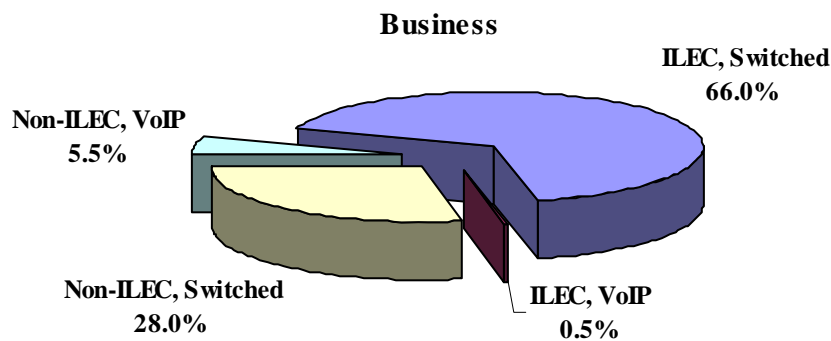
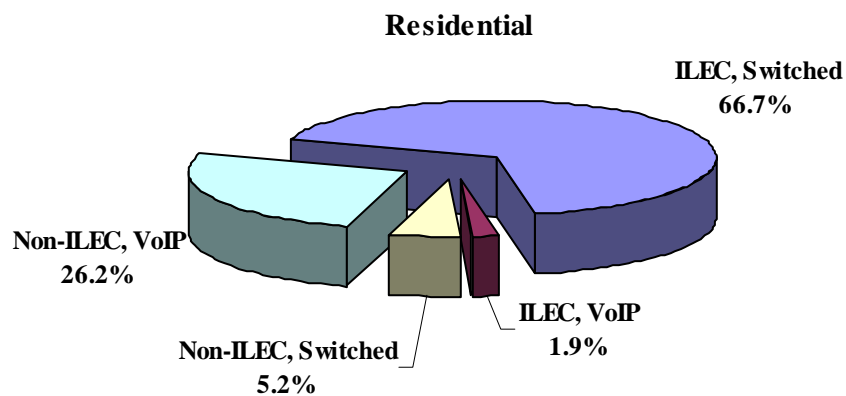


- Additionally cross-classified by technology, the 90 million wireline residential connections in June 2010 were: 66.7% ILEC switched access lines, 26.2% non-ILEC interconnected VoIP subscriptions, 5.2% non-ILEC switched access lines, and 1.9% ILEC interconnected VoIP subscriptions. Similarly, the 61 million wireline business connections were: 66.0% ILEC switched access lines, 28.0% non-ILEC switched access lines, 5.5% non-ILEC interconnected VoIP subscriptions, and 0.5% ILEC interconnected VoIP subscriptions. See Figure 4.

Figure 4
Wireline Retail Local Telephone Service Connections by Technology, Regulatory Status,
and Customer Type as of June 30, 2010 (In Thousands)

Total	Switched Access Lines	Interconnected VoIP	Total
ILEC	100,426	1,962	102,388
Non-ILEC	21,849	26,933	48,782
Total	122,275	28,895	151,171
Residential			
ILEC	59,895	1,680	61,574
Non-ILEC	4,628	23,552	28,179
Residential Total	64,523	25,231	89,753
Business			
ILEC	40,531	283	40,814
Non-ILEC	17,221	3,382	20,603
Business Total	57,753	3,665	61,417

Figures may not add to totals due to rounding.



Interconnected VoIP service. Form 477 identifies three types of information about retail interconnected VoIP service.

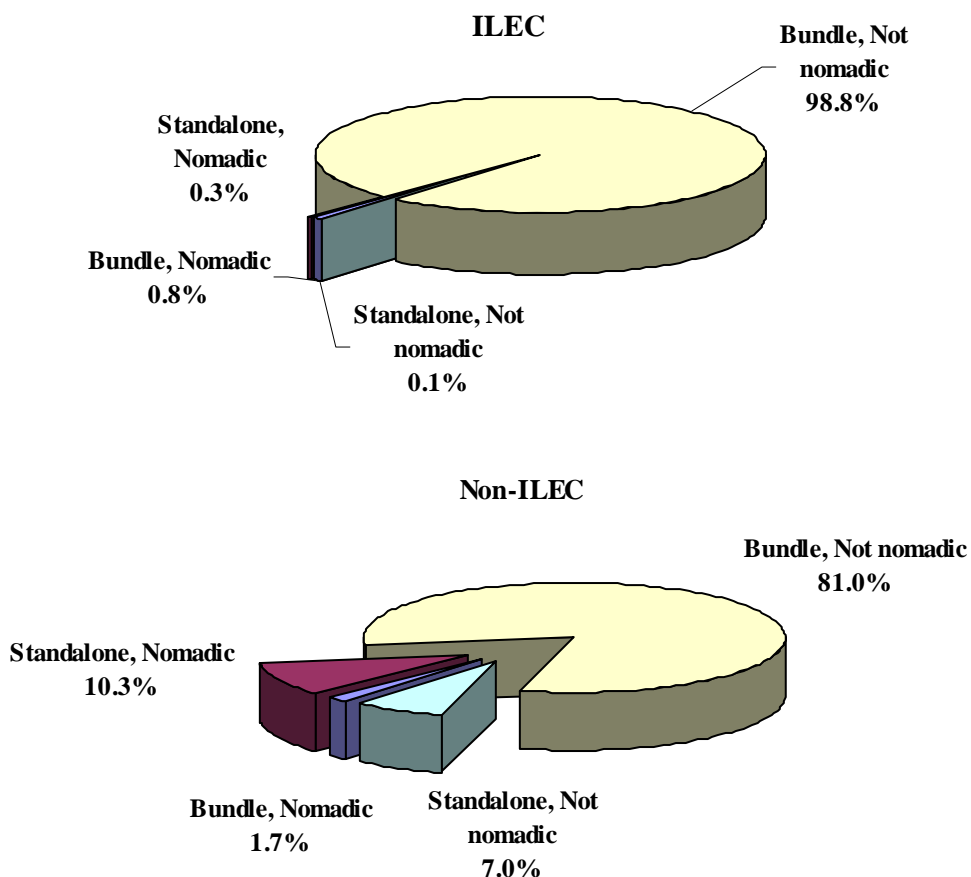
- First, interconnected VoIP service retailers distinguish between the interconnected VoIP subscriptions they sell to their broadband Internet access service customers (“broadband bundle” subscriptions, in this report) and all the other interconnected VoIP subscriptions that they sell (“standalone” subscriptions).
- Second, filers report whether or not interconnected VoIP subscriptions include, as a service feature, the capability to use the service over any broadband connection to which the customer has access, for example, at a hotel or vacation residence (“nomadic” functionality).
- Third, filers identify the different broadband technologies (for example, cable modem Internet access service) in the broadband bundle.

The Form 477 data cross-classify the first two of these three sets of information. See Figure 5.

Figure 5
Interconnected VoIP Subscribership by Reported Service Features
as of June 30, 2010 (In Thousands)

Total	Broadband Bundle	Standalone VoIP	Total
Nomadic	484	2,774	3,258
Not nomadic	23,749	1,889	25,637
Total	24,233	4,663	28,895
ILEC			
Nomadic	15	6	21
Not nomadic	1,939	1	1,940
ILEC Total	1,954	8	1,962
Non-ILEC			
Nomadic	469	2,767	3,236
Not nomadic	21,810	1,887	23,697
Non-ILEC Total	22,278	4,655	26,933

Figures may not add to totals due to rounding.

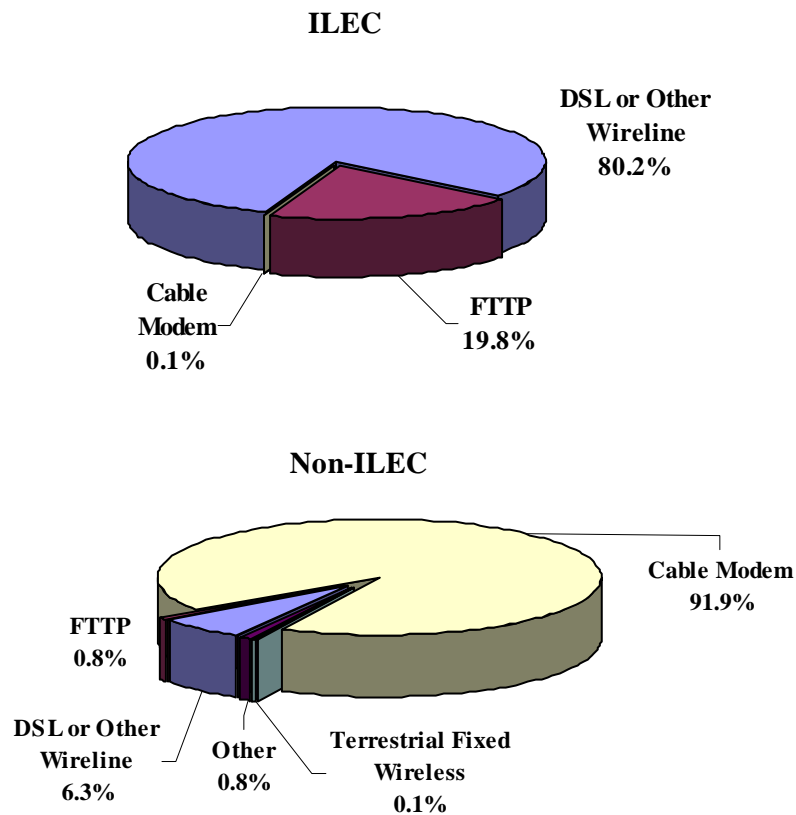


Form 477 collects the third type of information about retail interconnected VoIP service – the technology of the Internet access connection – for broadband bundles but not for standalone interconnected VoIP. See Figure 6.⁵

Figure 6
Technology of Internet Access Connections in Interconnected VoIP
Broadband Bundles as of June 30, 2010 (In Thousands)

Technology	ILEC	Non-ILEC	Total
DSL or Other Wireline	1,566	1,402	2,969
FTTP	387	182	569
Cable Modem	1	20,473	20,474
Terrestrial Fixed Wireless	#	33	33
Other	0	188	188
Total	1,954	22,278	24,233

= Rounds to zero. Figures may not add to totals due to rounding.



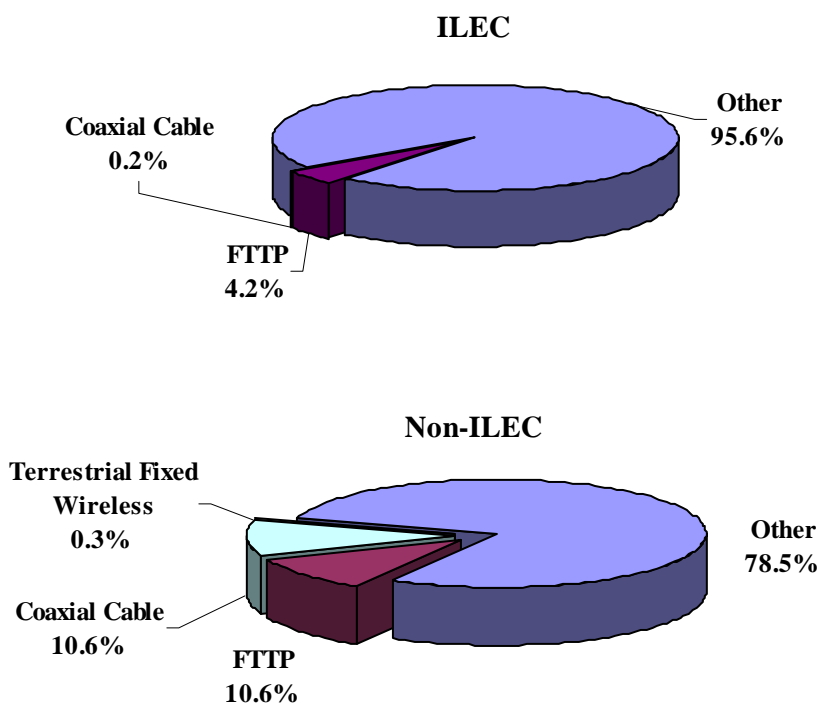
⁵ *Internet Access Services: Status as of June 30, 2010* (February 2011) discusses types of Internet access connections in greater detail. The report is available at <http://www.fcc.gov/wcb/iatd/comp.html>.

Switched access lines. ILECs as a group predominantly deliver retail switched access lines over copper local loops. This appears also to be the case for those non-ILECs who report retail switched access lines. See Figure 7.

Figure 7
Technology of Retail Switched Access Lines
as of June 30, 2010 (In Thousands)

Technology	ILEC	Non-ILEC	Total
FTTP	4,224	2,323	6,546
Coaxial Cable	152	2,314	2,466
Terrestrial Fixed Wireless	5	64	69
Other (copper local loop)	96,045	17,149	113,194
Total	100,426	21,849	122,275

Figures may not add to totals due to rounding.



Wholesale relationships for switched access lines. ILECs typically own the communications facilities over which they provide retail services. By contrast, CLECs use a range of methods: equipping ILEC UNE loops (“UNE-L”) as CLEC switched access lines,⁶ reselling services (for example, reselling ILEC

⁶ CLECs (as opposed to non-ILECs more generally) have certain regulatory rights to obtain ILEC local loops at cost-based UNE rates, which the CLEC may use to provide retail switched access lines or retail broadband Internet access connections. See C.F.R. § 51.307.

switched access lines obtained at wholesale rates or reselling ILEC lines obtained under commercial agreements that replaced the UNE-Platform (“UNE-P”), equipping leased ILEC special access circuits as switched access lines, and equipping local loops that the CLEC owns.

- CLECs reported using several methods to provide their 22 million retail switched access lines in June 2010. They reported providing 37% of lines (or about 8.1 million lines) by reselling ILEC wholesale or retail services. They reported providing 34% of lines (or about 7.4 million lines) over ILEC facilities leased at regulated, cost-based rates (that is, as unbundled network elements, or UNEs). And they provided the remaining 29% of lines (or about 6.3 million lines) over local loops that they owned. However, the information about wholesale relationships differs as reported by CLECs and by ILECs, as discussed in Figure 8.

Figure 8
Wholesale Relationships as Reported Respectively by CLECs and ILECs
as of June 30, 2010 (In Thousands)

	CLEC	ILEC	Difference
	Retail Switched Access Lines provisioned over ILEC Services (reported by CLECs)	Wholesale Switched Access Lines and UNEs provided to CLECs (reported by ILECs)	
Resold ILEC services¹	8,061	5,028	3,033
UNE-P²	1,338	127	1,210
UNE-L³	6,105	3,254	2,851
Total ILEC UNEs	7,443	3,381	4,062
Total ILEC services	15,503	8,408	7,095

Figures may not add to totals due to rounding.

¹ Resold ILEC services include switched access lines made available to CLECs at wholesale rates, resold Centrex, Integrated Services Digital Network (ISDN), or other ILEC services, ILEC special access circuits channelized to provide CLEC retail switched access lines, and ILEC switched access lines provided to CLECs under commercial agreements that replaced UNE-P. (See note 2, below.) Filers are instructed to count the number of voice-grade channels the retail customer purchased, not the theoretical capacity of the circuit over which the service was delivered.

ILECs generally do not know (and do not report) which ILEC leased special access circuits or other high-capacity circuits are being used to provide CLEC retail switched access lines (which the CLECs do report).

² UNE-P was the combination of ILEC loop UNE, switching UNE, and transport UNE. The Commission directed CLECs to migrate their retail customers served by UNE-P to an alternative arrangement within 12 months of the effective date of the *Triennial Review Remand Order*, that is, by March 11, 2006. See C.F.R. § 51.319(d)(2)(ii).

³ ILECs report the number of UNE-L they provide to CLECs but do not convert any high-capacity UNE-L, such as DS1 UNE loops, into voice-grade equivalents. By contrast, CLECs report the number of switched access lines their retail customers purchase which the CLEC provisioned over UNE-L obtained from ILECs. Note, however, that a CLEC might use UNE-L only to provide broadband Internet access connections.

Remainder of the report. The remainder of the report consists of tables and charts that update and expand data presented in earlier reports in this series. We present national data first, followed by state-specific data and, finally, summary statistics of service-provider presence in individual ZIP Codes.⁷

* * * *

We invite users of this information to provide suggestions for improved analysis of data presented in this report by using the attached customer response form or by e-mailing comments to IATDreports@fcc.gov for subject: June 2010 local telephone data. We encourage users of this information to provide suggestions for improved data collection by participating in any formal proceedings undertaken by the Commission to solicit comments for improvement of FCC Form 477.

⁷ The appropriate interpretation of the ZIP Code-based information is discussed in the Technical Notes at the end of the report.

Table 1
End-User Switched Access Lines and VoIP Subscriptions¹
(In Thousands)

Date	Provided by		Total	Non-ILEC Share
	ILEC	Non-ILEC		
Jun 2005	143,758	33,975	177,733	19.1
Dec 2005	143,773	31,388	175,161	17.9
Jun 2006	142,293	29,896	172,189	17.4
Dec 2006	138,834	28,626	167,460	17.1
Jun 2007	134,640	28,729	163,369	17.6
Dec 2007	129,693	28,725	158,418	18.1
Jun 2008	124,606	30,049	154,655	19.4
Dec 2008	118,496	44,267	162,763	27.2
Jun 2009	112,748	44,273	157,021	28.2
Dec 2009	107,019	45,945	152,963	30.0
Jun 2010	102,388	48,782	151,171	32.3

Some data for December 2008, June 2009, and December 2009 have been revised.

¹ Mandatory reporting by interconnected VoIP service providers started in December 2008. Previously, individual ILECs and CLECs included VoIP subscribers in reported switched access lines to a varying and largely unknown degree. Interconnected VoIP is distinguished from VoIP service more generally by permitting users to receive calls that originate on the public switched telephone network *and* to terminate calls to the public switched telephone network. See 47 C.F.R. § 9.3. Form 477 counts both switched access lines and interconnected VoIP subscriptions as the maximum number of calls that may be active, simultaneously, from the end user's location under the purchased service plan.

Chart 1
End-User Switched Access Lines and VoIP Subscriptions
(In Millions)

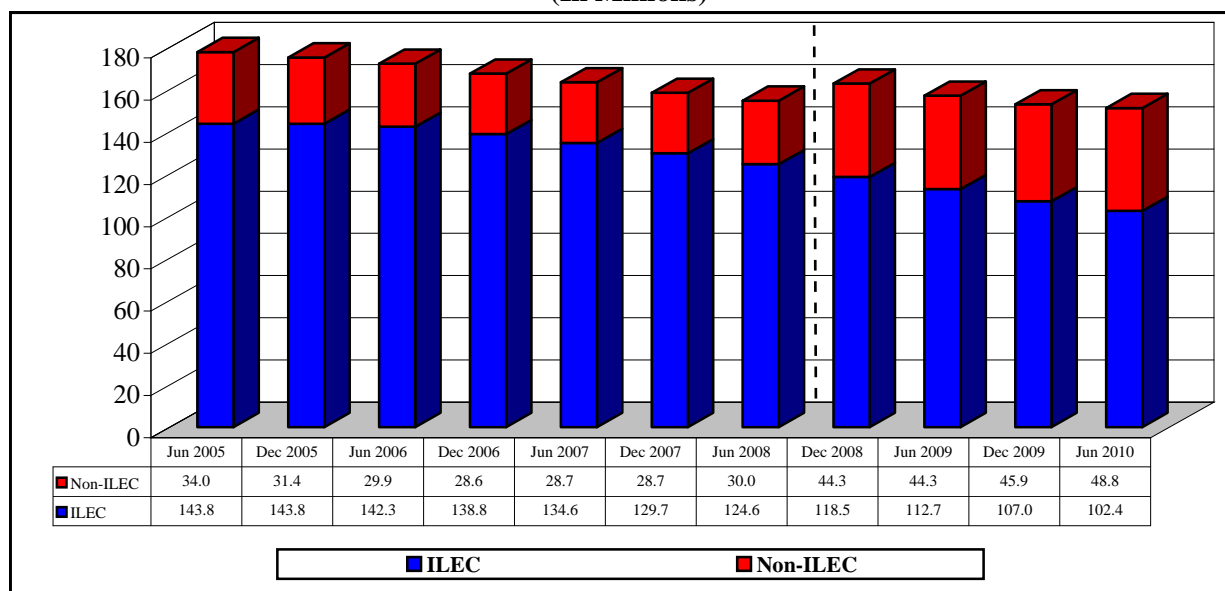


Table 2
End-User Switched Access Lines and VoIP Subscriptions by Customer Type¹
(In Thousands)

Date	Reporting ILECs			Reporting Non-ILECs		
	Residential	Business	% Residential	Residential	Business	% Residential
Jun 2005	95,316	48,442	66.3	16,338	17,637	48.1
Dec 2005	94,393	49,381	65.7	13,873	17,515	44.2
Jun 2006	92,453	49,840	65.0	12,474	17,422	41.7
Dec 2006	89,167	49,667	64.2	12,211	16,415	42.7
Jun 2007	85,633	49,007	63.6	12,117	16,612	42.2
Dec 2007	81,798	47,894	63.1	12,051	16,675	42.0
Jun 2008	77,457	47,149	62.2	12,396	17,654	41.3
Dec 2008	72,786	45,711	61.4	25,049	19,218	56.6
Jun 2009	68,582	44,166	60.8	24,768	19,505	55.9
Dec 2009	64,613	42,405	60.4	26,849	19,096	58.4
Jun 2010	61,574	40,814	60.1	28,179	20,603	57.8

Some data for December 2008, June 2009, and December 2009 have been revised.

¹ The December 2008 data are the first for which comprehensive reporting of interconnected VoIP subscribers was required. See footnote 1, Table 1.

Chart 2
Percent of Lines and VoIP Subscriptions that Serve Residential Customers¹

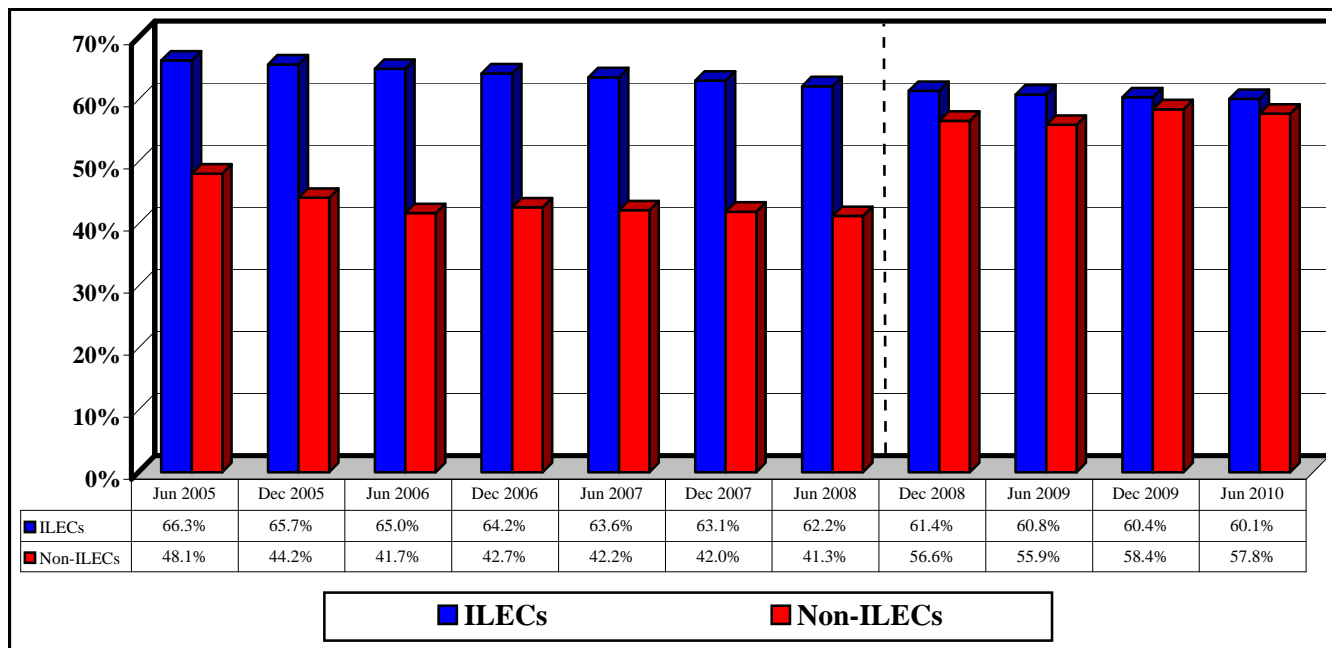


Table 3
End-User Switched Access Lines and VoIP Subscriptions Reported by Non-ILECs¹
(Lines and Subscriptions in Thousands)

Date	Reporting Non-ILECs	End-User Switched Access Lines and VoIP Subscriptions	End-User Switched Access Lines			VoIP	Percent			
			Acquired from other LECs		CLEC-owned local loops ³		Resold LEC service	ILEC UNEs	CLEC-owned local loops	VoIP
			Resold LEC service	ILEC UNEs ²						
Jun 2005	326	33,975	5,826	19,025	9,124	-	17.1	56.0	26.9	-
Dec 2005	382	31,388	6,704	14,521	10,163	-	21.4	46.3	32.4	-
Jun 2006	400	29,896	6,548	12,547	10,802	-	21.9	42.0	36.1	-
Dec 2006	397	28,626	5,819	11,663	11,144	-	20.3	40.7	38.9	-
Jun 2007	406	28,729	6,193	11,511	11,025	-	21.6	40.1	38.4	-
Dec 2007	443	28,725	6,430	10,582	11,713	-	22.4	36.8	40.8	-
Jun 2008	469	30,049	6,073	10,884	13,093	-	20.2	36.2	43.6	-
Dec 2008	705	44,267	7,083	9,612	6,359	21,216	16.0	21.7	14.4	47.9
Jun 2009	717	44,273	6,841	8,461	6,002	22,970	15.5	19.1	13.6	51.9
Dec 2009	753	45,945	7,101	8,025	6,089	24,728	15.5	17.5	13.3	53.8
Jun 2010	778	48,782	8,061	7,443	6,345	26,933	16.5	15.3	13.0	55.2

Some data for December 2008, June 2009, and December 2009 have been revised. Figures may not sum to totals due to rounding.

¹ See footnote 1, Table 1.

² Includes unbundled network element (UNE) loops leased from an unaffiliated ILEC on a stand-alone basis and also UNE loops leased in combination with UNE switching or any other unbundled network element.

³ Lines provided over CLEC-owned "last-mile" facilities.

Chart 3
Non-ILEC End-User Switched Access Lines and VoIP Subscriptions as of June 30, 2010

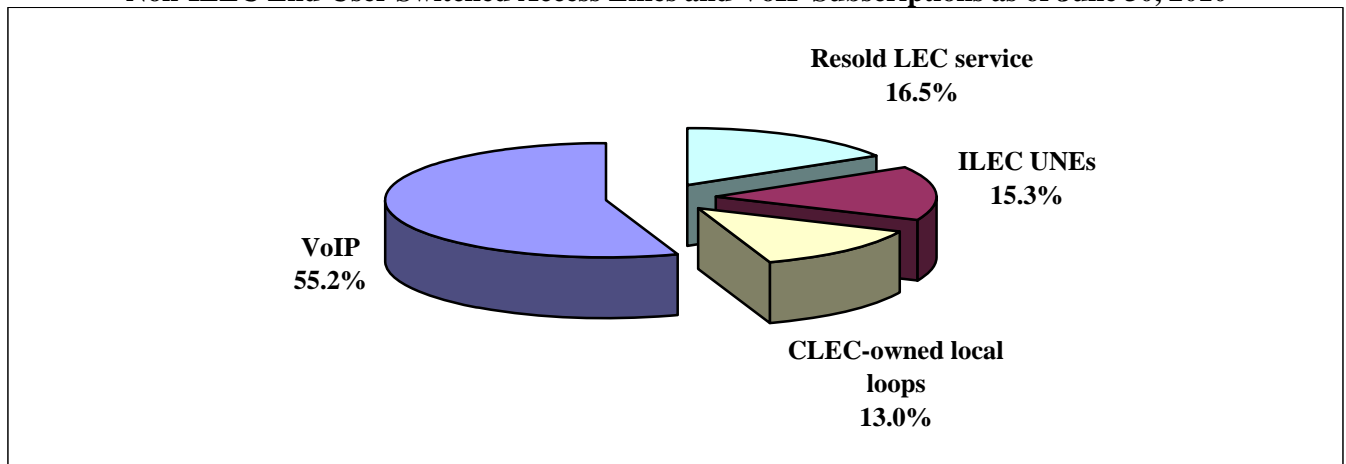


Table 4

**ILEC End-User (Retail) and Wholesale Switched Access Lines, VoIP Subscriptions, and UNEs¹
(Lines, Subscriptions, and UNEs in Thousands)**

Date	Reporting ILECs ²	ILEC Total Lines ³	End-User Switched Access Lines	VoIP	Switched Access Lines and UNEs Provided to CLECs					
					Resold Lines	UNEs			Total UNEs & Resold Lines	% of Total Lines
						Without Switching	With Switching ⁴	Total UNEs		
Jun 2005	757	164,449	143,758	-	1,796	4,300	14,596	18,895	20,691	12.6
Dec 2005	807	160,881	143,773	-	1,793	4,469	10,846	15,315	17,108	10.6
Jun 2006	805	156,872	142,293	-	1,723	4,413	8,443	12,856	14,579	9.3
Dec 2006	814	151,958	138,834	-	1,613	4,408	7,103	11,511	13,124	8.6
Jun 2007	816	146,672	134,640	-	1,517	4,285	6,230	10,515	12,032	8.2
Dec 2007	805	140,808	129,693	-	1,460	4,122	5,534	9,655	11,115	7.9
Jun 2008	800	134,846	124,606	-	1,473	3,827	4,941	8,768	10,241	7.6
Dec 2008	777	128,288	117,968	529	3,209	3,844	2,740	6,583	9,792	7.6
Jun 2009	778	121,884	111,790	958	3,012	3,580	2,543	6,123	9,136	7.5
Dec 2009	768	116,075	105,824	1,195	2,993	3,668	2,396	6,063	9,056	7.8
Jun 2010	766	110,797	100,426	1,962	5,028	3,254	127	3,381	8,408	7.6

Some data for December 2009 have been revised. Figures may not sum to totals due to rounding.

¹ See footnote 1, Table 1.

² Fewer ILECs were counted after mid-year 2007 primarily because FCC staff identified additional common-control relationships.

³ Sum of ILEC-reported end-user (retail) switched access lines, ILEC interconnected VoIP subscriptions, and ILEC wholesale switched access lines and UNEs provided to CLECs.

⁴ ILEC loops provided with ILEC switching, including the combination of ILEC loop UNE, switching UNE, and transport UNE, collectively referred to as the UNE-Platform ("UNE-P"). In the *Triennial Review Remand Order*, which was adopted on December 15, 2004, the Commission directed CLECs to migrate their retail customers served by these methods to alternative arrangements by March 11, 2006, i.e., within 12 months of the date the order went into effect. See C.F.R. § 51.319(d)(2)(ii).

**Chart 4
ILEC Total Lines and the Percent Provided to CLECs**

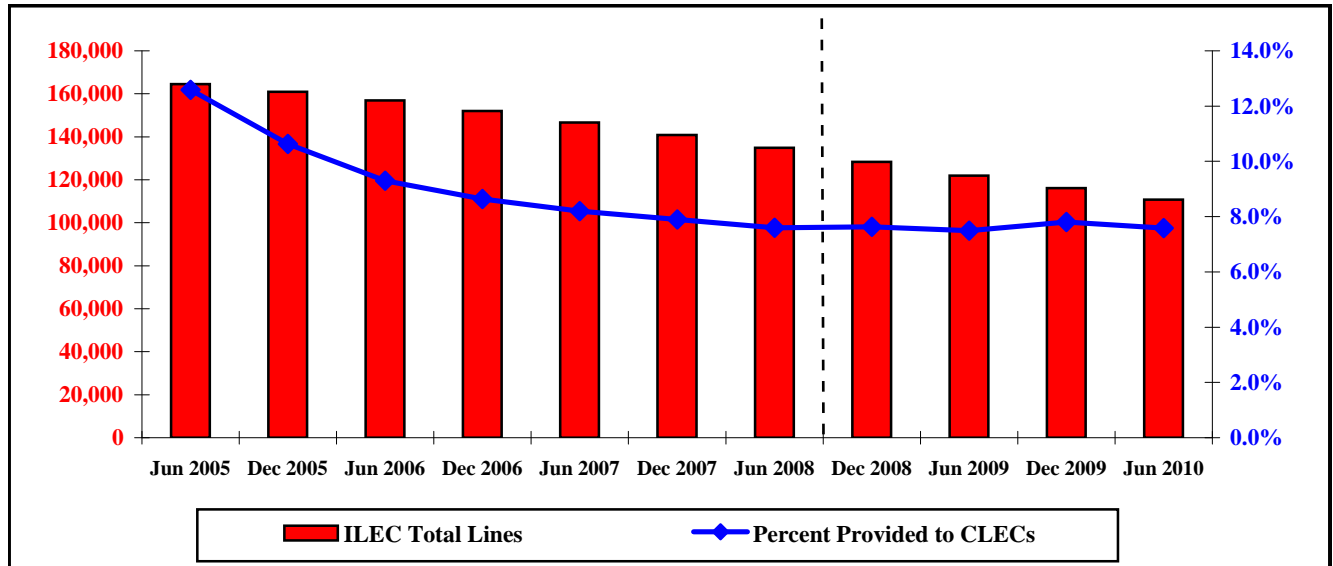


Table 5
End-User Switched Access Lines and VoIP Subscriptions
by Type of Technology for Non-ILEC Providers¹
(In Thousands)

Date	Coaxial Cable ²	Other Technology	Total	Percent Coaxial Cable
Jun 2005	4,571	29,404	33,975	13.5
Dec 2005	5,100	26,287	31,388	16.2
Jun 2006	6,070	23,826	29,896	20.3
Dec 2006	6,751	21,875	28,626	23.6
Jun 2007	7,730	21,000	28,729	26.9
Dec 2007	8,385	20,340	28,725	29.2
Jun 2008	9,352	20,697	30,049	31.1
Dec 2008	20,108	24,158	44,267	45.4
Jun 2009	21,547	22,726	44,273	48.7
Dec 2009	23,235	22,710	45,945	50.6
Jun 2010	24,636	24,146	48,782	50.5

Some data for December 2008, June 2009, and December 2009 have been revised.

¹ See footnote 1, Table 1.

² Reported end-user switched access lines and interconnected VoIP connections that terminate on coaxial cable at the end user's premises. Starting, systematically, with the December 2008 data, interconnected VoIP service providers report subscriptions they sold in a bundle with cable modem Internet access service. For December 2008 and later dates, FCC staff used other Form 477 data to estimate the number of standalone VoIP subscriptions that terminated on coaxial cable at the end user's premises.

Chart 5
End-User Switched Access Lines and VoIP Subscriptions
by Type of Technology for Non-ILEC Providers
(In Thousands)

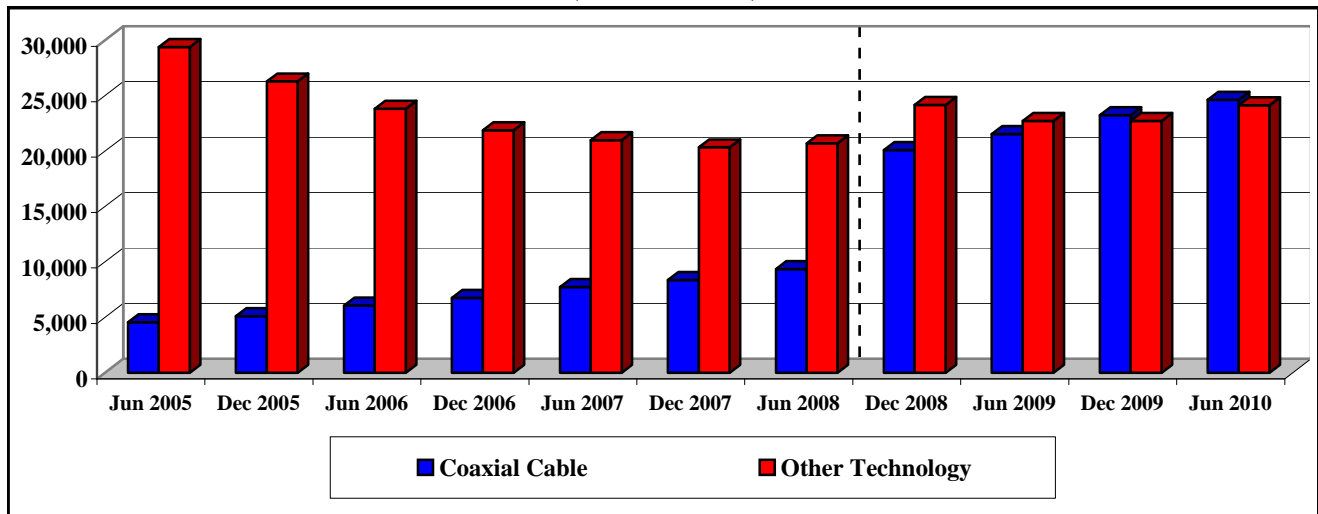


Table 6
Percentage of Switched Access Lines Presubscribed for Long Distance Service

	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Jun 2006	59	58	59	85	62
Dec 2006	66	60	65	86	68
Jun 2007	66	61	65	86	68
Dec 2007	66	63	65	87	68
Jun 2008	66	64	66	88	69
Dec 2008	69	65	68	80	69
Jun 2009	70	66	69	80	70
Dec 2009	71	68	70	76	71
Jun 2010	71	68	70	76	71
Business					
Jun 2006	38	37	38	69	46
Dec 2006	47	39	46	68	51
Jun 2007	49	42	48	72	54
Dec 2007	50	43	49	70	54
Jun 2008	49	44	49	72	55
Dec 2008	44	47	44	70	51
Jun 2009	42	49	43	72	51
Dec 2009	43	48	43	71	51
Jun 2010	43	51	44	73	53
Total					
Jun 2006	51	52	51	76	56
Dec 2006	59	54	58	76	61
Jun 2007	59	56	59	78	62
Dec 2007	60	57	59	77	63
Jun 2008	60	58	59	79	63
Dec 2008	59	60	59	73	61
Jun 2009	58	61	59	74	61
Dec 2009	59	62	60	72	62
Jun 2010	59	63	60	74	62

RBOC is an acronym for Regional Bell Operating Company. They currently are AT&T, Qwest, and Verizon.

Chart 6
Percent Presubscribed Interstate Long Distance Lines for ILECs

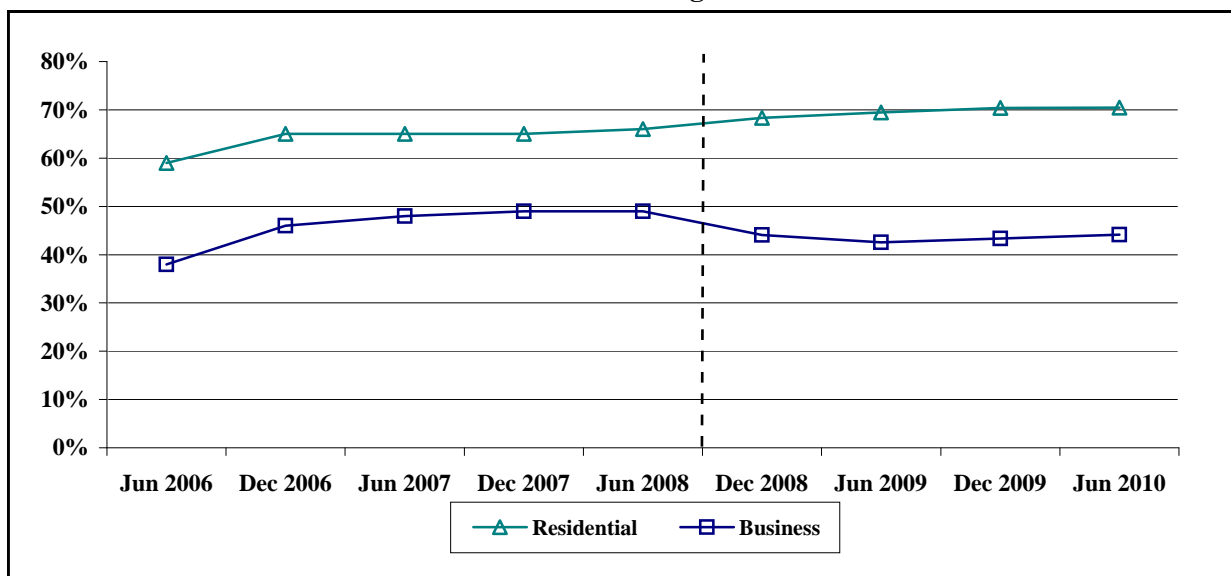


Table 7
Residential and Business Presubscribed Switched Access Lines
(In Thousands)

	June 30, 2010				
	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Presubscribed	32,864	9,320	42,183	3,535	45,718
Not Presubscribed	13,379	4,333	17,712	1,093	18,804
All Lines	46,242	13,653	59,895	4,628	64,523
Percent Presubscribed	71%	68%	70%	76%	71%
Business					
Presubscribed	14,933	2,967	17,899	12,614	30,514
Not Presubscribed	19,838	2,794	22,632	4,607	27,239
All Lines	34,771	5,760	40,531	17,221	57,753
Percent Presubscribed	43%	51%	44%	73%	53%
Total					
Presubscribed	47,796	12,286	60,083	16,149	76,232
Not Presubscribed	33,217	7,127	40,344	5,700	46,043
All Lines	81,013	19,413	100,426	21,849	122,275
Percent Presubscribed	59%	63%	60%	74%	62%
	December 31, 2009				
	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Presubscribed	35,363	9,414	44,777	3,851	48,628
Not Presubscribed	14,402	4,452	18,854	1,190	20,044
All Lines	49,765	13,866	63,631	5,041	68,672
Percent Presubscribed	71%	68%	70%	76%	71%
Business					
Presubscribed	15,389	2,895	18,283	11,501	29,784
Not Presubscribed	20,757	3,153	23,910	4,675	28,585
All Lines	36,146	6,047	42,193	16,176	58,369
Percent Presubscribed	43%	48%	43%	71%	51%
Total					
Presubscribed	50,752	12,309	63,060	15,352	78,412
Not Presubscribed	35,159	7,605	42,764	5,865	48,629
All Lines	85,910	19,914	105,824	21,217	127,041
Percent Presubscribed	59%	62%	60%	72%	62%

Some data for December 2009 have been revised. Figures may not sum to totals due to rounding.

RBOC is an acronym for Regional Bell Operating Company. They currently are AT&T, Qwest, and Verizon.

Table 8
Total End-User Switched Access Lines and VoIP Subscriptions by State as of June 30, 2010
(In Thousands)

State	ILECs				Non-ILECs				Total	Non-ILEC % of Total
	Switched Access Lines	VoIP purchased as		Total	Switched Access Lines	VoIP purchased as		Total		
		Stand- alone	Bundled with Internet			Stand- alone	Bundled with Internet			
Alabama	1,494	0	12	1,506	325	65	183	573	2,079	28
Alaska	271	0	0	271	*	1	*	*	*	*
American Samoa	10	0	0	10	0	0	0	0	10	0
Arizona	1,561	1	1	1,563	829	100	313	1,242	2,805	44
Arkansas	883	0	21	904	120	21	100	242	1,146	21
California	13,798	1	319	14,118	2,296	504	2,336	5,136	19,254	27
Colorado	1,569	0	0	1,569	391	89	412	892	2,461	36
Connecticut	1,266	#	60	1,326	219	55	431	705	2,031	35
Delaware	321	#	10	331	68	*	*	173	504	34
District of Columbia	677	#	3	680	117	15	51	182	862	21
Florida	6,008	#	130	6,138	1,326	455	1,655	3,435	9,574	36
Georgia	2,963	#	48	3,011	635	172	515	1,322	4,333	31
Guam	48	0	0	48	*	*	*	*	*	*
Hawaii	455	#	#	455	44	*	*	128	583	22
Idaho	486	#	#	486	101	11	46	158	645	25
Illinois	4,415	#	165	4,581	646	255	760	1,661	6,241	27
Indiana	2,113	#	72	2,186	240	88	320	649	2,834	23
Iowa	987	#	#	987	191	124	29	344	1,331	26
Kansas	797	0	23	820	228	30	172	429	1,249	34
Kentucky	1,312	#	5	1,317	258	27	236	520	1,837	28
Louisiana	1,417	0	9	1,426	290	49	248	586	2,013	29
Maine	463	0	0	463	141	14	126	282	745	38
Maryland	2,284	#	49	2,333	476	108	359	943	3,277	29
Massachusetts	2,106	#	43	2,149	725	142	822	1,689	3,838	44
Michigan	2,802	#	150	2,952	471	237	1,030	1,738	4,690	37
Minnesota	1,666	0	#	1,666	516	90	319	925	2,592	36
Mississippi	845	0	3	848	149	19	85	253	1,100	23
Missouri	2,101	0	61	2,162	259	77	261	597	2,759	22
Montana	342	#	#	342	44	8	57	109	452	24
Nebraska	521	0	#	521	199	26	106	330	851	39
Nevada	802	#	7	809	147	62	241	449	1,258	36
New Hampshire	366	0	0	366	147	40	201	388	754	51
New Jersey	3,036	1	76	3,112	802	150	1,185	2,137	5,249	41
New Mexico	651	0	0	651	78	16	62	156	807	19
New York	5,590	1	62	5,653	1,852	220	2,711	4,783	10,437	46
North Carolina	3,026	#	19	3,045	503	113	707	1,324	4,369	30
North Dakota	220	0	0	220	86	2	38	126	345	36
Northern Mariana Isl.	16	0	0	16	0	0	0	0	16	0
Ohio	3,629	1	90	3,719	687	91	879	1,657	5,376	31
Oklahoma	1,050	0	20	1,070	288	50	234	572	1,642	35
Oregon	1,079	#	1	1,080	253	59	301	614	1,693	36
Pennsylvania	4,511	1	60	4,571	1,184	226	910	2,321	6,892	34
Puerto Rico	706	0	0	706	*	*	99	244	950	26
Rhode Island	258	#	6	264	220	*	*	308	572	54
South Carolina	1,415	#	14	1,429	313	54	255	622	2,051	30
South Dakota	227	0	0	227	133	4	52	188	415	45
Tennessee	1,941	0	21	1,962	423	75	395	893	2,856	31
Texas	7,377	#	301	7,678	1,140	243	1,058	2,441	10,119	24
Utah	650	0	0	650	181	34	143	359	1,009	36
Vermont	265	0	0	265	49	*	*	109	374	29
Virgin Islands	59	0	0	59	0	*	0	*	*	*
Virginia	2,910	#	34	2,944	1,016	152	408	1,577	4,521	35
Washington	1,960	#	2	1,962	393	119	644	1,157	3,119	37
West Virginia	605	#	1	606	50	17	109	176	782	22
Wisconsin	1,913	#	56	1,970	320	55	353	728	2,697	27
Wyoming	183	#	#	183	12	6	39	58	241	24
Nationwide	100,426	8	1,954	102,388	21,849	4,655	22,278	48,782	151,171	32

= Rounds to zero. * = Data withheld to maintain firm confidentiality.

Table 9
Residential End-User Switched Access Lines and VoIP Subscriptions by State as of June 30, 2010
(In Thousands)

State	ILECs				Non-ILECs				Total	Non-ILEC % of Total
	Switched Access Lines	VoIP purchased as		Total	Switched Access Lines	VoIP purchased as		Total		
		Stand- alone	Bundled with Internet			Stand- alone	Bundled with Internet			
Alabama	984	0	11	994	106	61	161	328	1,322	25
Alaska	136	0	0	136	*	1	*	*	*	*
American Samoa	5	0	0	5	0	0	0	0	5	0
Arizona	933	#	0	933	441	78	227	745	1,678	44
Arkansas	556	0	20	576	22	19	82	122	698	17
California	7,644	1	263	7,909	615	425	1,768	2,809	10,718	26
Colorado	984	0	0	984	23	79	337	440	1,423	31
Connecticut	724	#	57	781	53	48	401	502	1,283	39
Delaware	185	#	9	194	7	*	*	105	300	35
District of Columbia	133	#	#	133	15	12	31	57	191	30
Florida	3,654	#	110	3,764	93	393	1,420	1,905	5,670	34
Georgia	1,758	#	34	1,791	118	155	429	701	2,493	28
Guam	25	0	0	25	*	*	*	*	*	*
Hawaii	252	0	0	252	#	*	*	81	333	24
Idaho	310	#	0	310	22	9	34	65	375	17
Illinois	2,343	#	141	2,484	76	235	683	994	3,478	29
Indiana	1,311	#	66	1,377	67	79	292	438	1,814	24
Iowa	657	#	#	657	81	120	8	209	866	24
Kansas	457	0	21	478	101	23	132	257	734	35
Kentucky	832	#	4	836	126	23	217	366	1,202	30
Louisiana	860	0	7	867	105	43	206	353	1,220	29
Maine	365	0	0	365	13	12	120	146	511	29
Maryland	1,265	#	44	1,309	82	96	329	506	1,815	28
Massachusetts	1,180	#	36	1,216	67	127	757	952	2,168	44
Michigan	1,528	#	133	1,661	137	220	982	1,339	3,000	45
Minnesota	1,145	0	#	1,145	93	85	269	446	1,591	28
Mississippi	517	0	2	519	35	17	81	133	652	20
Missouri	1,343	0	57	1,400	40	70	210	321	1,720	19
Montana	219	#	#	219	14	8	48	70	290	24
Nebraska	299	0	0	299	102	13	58	173	472	37
Nevada	460	#	6	466	5	53	204	263	729	36
New Hampshire	276	0	0	276	5	36	188	229	504	45
New Jersey	1,682	1	62	1,745	93	131	1,083	1,307	3,052	43
New Mexico	433	0	0	433	9	15	46	70	503	14
New York	3,193	1	48	3,242	259	173	2,499	2,931	6,173	47
North Carolina	1,890	#	12	1,902	46	100	653	799	2,701	30
North Dakota	149	0	0	149	45	2	32	80	229	35
Northern Mariana Isl.	9	0	0	9	0	0	0	0	9	0
Ohio	2,250	1	76	2,326	231	71	814	1,116	3,442	32
Oklahoma	648	0	19	667	151	37	188	376	1,043	36
Oregon	727	#	0	727	19	52	268	339	1,066	32
Pennsylvania	2,993	1	52	3,046	149	195	827	1,171	4,217	28
Puerto Rico	544	0	0	544	*	*	87	102	646	16
Rhode Island	159	#	6	166	111	*	*	180	346	52
South Carolina	935	#	9	943	72	44	218	334	1,277	26
South Dakota	143	0	0	143	85	4	40	129	272	48
Tennessee	1,260	0	17	1,277	71	68	327	466	1,743	27
Texas	4,294	#	272	4,566	159	205	958	1,321	5,887	22
Utah	409	0	0	409	21	30	120	171	579	29
Vermont	203	0	0	203	6	*	*	63	265	24
Virgin Islands	36	0	0	36	0	*	0	*	*	*
Virginia	1,658	#	26	1,685	237	124	350	711	2,395	30
Washington	1,266	#	0	1,266	37	107	587	731	1,997	37
West Virginia	456	#	0	456	6	15	106	127	583	22
Wisconsin	1,127	#	51	1,178	65	49	341	455	1,634	28
Wyoming	95	#	#	95	4	6	34	44	139	32
Nationwide	59,895	7	1,673	61,574	4,628	4,040	19,512	28,179	89,753	31

= Rounds to zero. * = Data withheld to maintain firm confidentiality.

Table 10
Business End-User Switched Access Lines and VoIP Subscriptions by State as of June 30, 2010
(In Thousands)

State	ILECs				Non-ILECs				Total	Non-ILEC % of Total
	Switched Access Lines	VoIP purchased as		Total	Switched Access Lines	VoIP purchased as		Total		
		Stand- alone	Bundled with Internet			Stand- alone	Bundled with Internet			
Alabama	510	0	2	512	219	4	22	244	756	32%
Alaska	135	0	0	135	*	#	*	*	*	*
American Samoa	5	0	0	5	0	0	0	0	5	0
Arizona	628	1	1	630	388	23	87	498	1,127	44
Arkansas	327	0	1	328	99	3	18	120	447	27
California	6,153	0	55	6,209	1,681	79	567	2,327	8,536	27
Colorado	586	0	0	586	368	10	74	452	1,038	44
Connecticut	542	0	3	545	166	7	30	203	748	27
Delaware	136	0	1	137	61	*	*	67	205	33
District of Columbia	544	0	2	547	102	3	20	125	672	19
Florida	2,353	0	21	2,374	1,233	62	236	1,530	3,904	39
Georgia	1,205	0	15	1,220	517	17	86	620	1,840	34
Guam	23	0	0	23	*	0	*	*	*	*
Hawaii	203	#	#	204	44	*	*	47	250	19
Idaho	176	#	#	176	79	2	13	94	270	35
Illinois	2,073	0	24	2,096	570	20	76	667	2,763	24
Indiana	803	#	6	809	174	9	28	211	1,020	21
Iowa	330	#	#	330	111	4	21	135	465	29
Kansas	341	0	2	342	126	6	40	173	515	34
Kentucky	479	#	1	481	132	4	18	154	634	24
Louisiana	558	0	2	559	185	6	42	233	792	29
Maine	97	0	0	97	128	2	6	136	234	58
Maryland	1,019	0	5	1,024	394	12	31	437	1,461	30
Massachusetts	926	0	6	933	658	15	65	737	1,670	44
Michigan	1,274	0	17	1,291	334	16	48	399	1,690	24
Minnesota	522	0	#	522	423	6	50	479	1,001	48
Mississippi	328	0	1	329	113	2	4	119	448	27
Missouri	758	0	4	763	218	7	51	276	1,039	27
Montana	123	0	0	123	30	1	8	39	162	24
Nebraska	221	0	#	221	97	12	48	157	378	42
Nevada	343	0	1	343	141	8	37	186	530	35
New Hampshire	91	0	0	91	142	4	13	159	249	64
New Jersey	1,354	0	13	1,367	709	18	103	830	2,197	38
New Mexico	218	0	0	218	69	2	16	87	305	28
New York	2,398	0	14	2,412	1,594	47	212	1,852	4,264	43
North Carolina	1,136	0	7	1,143	457	13	54	525	1,668	31
North Dakota	71	0	0	71	41	#	5	46	117	39
Northern Mariana Isl.	7	0	0	7	0	0	0	0	7	0
Ohio	1,379	0	14	1,393	456	20	65	541	1,934	28
Oklahoma	402	0	1	403	137	13	46	196	600	33
Oregon	352	0	1	353	234	8	33	275	628	44
Pennsylvania	1,518	0	7	1,525	1,035	31	83	1,149	2,675	43
Puerto Rico	162	0	0	162	*	*	11	143	304	47
Rhode Island	98	0	#	99	109	*	*	127	226	56
South Carolina	480	0	6	486	242	9	37	288	774	37
South Dakota	84	0	0	84	48	#	11	59	144	41
Tennessee	681	0	4	685	353	7	68	428	1,113	38
Texas	3,083	#	30	3,112	981	39	100	1,120	4,232	26
Utah	241	0	0	241	160	4	23	188	429	44
Vermont	62	0	0	62	43	*	*	47	109	43
Virgin Islands	22	0	0	22	0	*	0	*	*	*
Virginia	1,252	#	7	1,259	779	28	59	866	2,125	41
Washington	694	#	2	696	356	12	57	425	1,122	38
West Virginia	149	0	1	150	43	2	3	49	199	25
Wisconsin	786	0	5	791	255	6	12	273	1,064	26
Wyoming	88	0	#	88	8	1	5	14	102	13
Nationwide	40,531	1	281	40,814	17,221	615	2,767	20,603	61,417	34

= Rounds to zero. * = Data withheld to maintain firm confidentiality.

Table 11
Non-ILEC Share of Total End-User Switched Access Lines and VoIP Subscriptions by State¹

State	2006		2007		2008		2009		2010
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Alabama	16 %	13 %	13 %	14 %	16 %	21 %	21 %	24 %	28 %
Alaska	26	*	*	*	*	*	*	*	*
American Samoa	0	0	0	0	0	0	0	0	0
Arizona	30	32	33	34	37	40	40	42	44
Arkansas	12	13	14	14	14	18	19	19	21
California	13	14	14	14	15	22	23	25	27
Colorado	19	17	17	16	19	31	32	34	36
Connecticut	12	12	13	14	15	29	31	33	35
Delaware	18	18	19	17	18	30	31	32	34
District of Columbia	14	14	14	14	15	20	20	21	21
Florida	15	13	13	13	14	27	28	31	36
Georgia	19	14	16	16	17	25	26	27	31
Guam	0	0	0	*	*	*	*	*	*
Hawaii	9	11	13	16	18	18	19	21	22
Idaho	11	10	11	11	11	17	17	19	25
Illinois	15	15	14	14	14	24	24	25	27
Indiana	10	10	9	9	11	18	19	20	23
Iowa	15	16	17	18	19	22	22	24	26
Kansas	24	23	25	26	28	31	31	32	34
Kentucky	16	15	16	19	18	25	27	28	28
Louisiana	18	16	17	18	21	23	24	27	29
Maine	16	16	17	20	24	30	33	36	38
Maryland	16	15	15	14	15	25	26	27	29
Massachusetts	24	24	23	24	25	39	40	42	44
Michigan	18	17	18	19	20	29	30	32	37
Minnesota	23	22	24	23	22	31	32	34	36
Mississippi	13	10	10	10	11	16	17	20	23
Missouri	13	13	14	14	15	18	18	20	22
Montana	12	14	16	18	19	21	22	23	24
Nebraska	27	28	29	30	31	34	35	38	39
Nevada	17	15	24	22	26	30	31	33	36
New Hampshire	24	23	23	23	25	42	45	49	51
New Jersey	17	18	17	17	18	34	36	38	41
New Mexico	8	8	8	8	9	14	15	17	19
New York	27	27	28	29	31	41	42	44	46
North Carolina	16	16	18	19	20	24	25	27	30
North Dakota	20	21	21	22	24	32	31	35	36
Northern Mariana Isl.	0	0	0	0	0	0	0	0	0
Ohio	15	16	18	20	23	25	26	29	31
Oklahoma	20	21	23	25	27	30	30	34	35
Oregon	16	17	18	18	18	31	32	34	36
Pennsylvania	20	19	20	20	21	30	30	32	34
Puerto Rico	*	*	*	*	19	22	25	22	26
Rhode Island	43	46	47	48	50	52	53	54	54
South Carolina	15	14	16	17	19	23	24	26	30
South Dakota	33	30	30	31	32	36	36	44	45
Tennessee	18	15	16	17	18	25	25	28	31
Texas	16	17	16	17	18	22	22	23	24
Utah	24	21	22	20	21	26	32	34	36
Vermont	12	12	12	12	13	24	23	27	29
Virgin Islands	*	0	0	0	0	*	0	*	*
Virginia	21	22	22	23	23	31	32	34	35
Washington	14	14	15	14	16	30	32	35	37
West Virginia	12	13	13	14	16	22	24	27	22
Wisconsin	19	20	21	23	24	26	26	27	27
Wyoming	14	15	17	18	19	21	21	22	24
Nationwide	17 %	17 %	18 %	18 %	19 %	27 %	28 %	30 %	32 %

* = Data withheld to maintain firm confidentiality. NA = Not available. Some data for December 2008, June 2009, and December 2009 have been revised.

¹ See footnote 1, Table 1.

Table 12
Non-ILEC Total End-User Switched Access Lines and VoIP Subscriptions by State¹
(In Thousands)

State	2006		2007		2008		2009		2010
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Alabama	366	301	298	315	352	463	452	493	573
Alaska	116	*	*	*	*	*	*	*	*
American Samoa	0	0	0	0	0	0	0	0	0
Arizona	970	1,018	1,043	1,071	1,129	1,227	1,169	1,188	1,242
Arkansas	163	166	178	173	175	220	224	224	242
California	2,900	3,046	2,898	2,984	3,101	4,607	4,753	4,845	5,136
Colorado	529	452	425	395	449	847	823	835	892
Connecticut	262	261	261	265	291	630	644	680	705
Delaware	102	100	99	85	85	166	165	165	173
District of Columbia	145	144	137	131	136	183	179	190	182
Florida	1,618	1,340	1,298	1,265	1,276	2,748	2,734	2,903	3,435
Georgia	909	655	730	725	764	1,174	1,132	1,169	1,322
Guam	0	0	0	*	*	*	*	*	*
Hawaii	61	74	88	103	115	114	117	125	128
Idaho	81	76	78	75	79	123	116	123	158
Illinois	1,139	1,075	950	909	875	1,667	1,610	1,630	1,661
Indiana	338	335	293	284	313	565	562	592	649
Iowa	230	238	251	269	273	309	310	322	344
Kansas	347	327	349	358	375	419	413	408	429
Kentucky	337	313	328	371	331	497	508	521	520
Louisiana	394	358	363	383	449	491	507	539	586
Maine	135	123	135	150	181	233	250	274	282
Maryland	591	552	527	475	479	868	889	909	943
Massachusetts	979	928	865	844	871	1,602	1,589	1,641	1,689
Michigan	993	883	923	893	927	1,458	1,449	1,499	1,738
Minnesota	676	641	659	613	572	877	862	904	925
Mississippi	161	125	125	112	122	184	184	214	253
Missouri	426	403	436	448	471	523	518	553	597
Montana	62	72	82	93	96	101	103	104	109
Nebraska	244	249	258	265	274	299	302	332	330
Nevada	246	219	356	307	372	420	410	415	449
New Hampshire	196	182	171	165	167	347	351	376	388
New Jersey	994	977	897	859	866	1,946	1,984	2,001	2,137
New Mexico	77	75	77	73	75	123	128	138	156
New York	3,043	2,942	2,868	2,941	3,125	4,563	4,574	4,705	4,783
North Carolina	798	768	846	888	953	1,101	1,137	1,199	1,324
North Dakota	68	70	71	71	76	113	104	123	126
Northern Mariana Isl.	0	0	0	0	0	0	0	0	0
Ohio	963	962	1,069	1,171	1,365	1,473	1,448	1,587	1,657
Oklahoma	362	387	420	445	474	521	504	570	572
Oregon	306	318	325	308	300	575	562	581	614
Pennsylvania	1,572	1,437	1,521	1,407	1,423	2,205	2,157	2,197	2,321
Puerto Rico	*	*	*	*	186	210	234	170	244
Rhode Island	276	287	291	290	301	317	311	311	308
South Carolina	330	321	349	369	399	478	497	535	622
South Dakota	135	119	117	119	124	140	136	183	188
Tennessee	576	465	483	510	523	756	725	790	893
Texas	1,906	1,969	1,859	1,944	1,919	2,387	2,352	2,365	2,441
Utah	282	245	242	212	211	274	340	351	359
Vermont	49	48	47	47	47	90	91	102	109
Virgin Islands	*	0	0	0	0	*	#	*	*
Virginia	1,047	1,032	1,048	1,034	1,043	1,443	1,475	1,563	1,577
Washington	506	479	480	428	471	1,031	1,023	1,092	1,157
West Virginia	117	119	121	132	141	196	214	235	176
Wisconsin	612	653	684	709	744	770	755	771	728
Wyoming	39	44	46	48	51	54	53	54	58
Total	29,896	28,626	28,729	28,725	30,049	44,267	44,273	45,945	48,782

= Rounds to zero. * = Data withheld to maintain firm confidentiality. Some data for December 2008, June 2009, and December 2009 have been revised.

¹ See footnote 1, Table 1.

Table 13
ILEC Total End-User Switched Access Lines and VoIP Subscriptions by State¹
(In Thousands)

State	2006		2007		2008		2009		2010
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Alabama	1,979	2,016	1,982	1,991	1,861	1,746	1,665	1,579	1,506
Alaska	325	321	318	301	294	289	282	273	271
American Samoa	11	11	11	10	11	10	10	10	10
Arizona	2,227	2,175	2,109	2,035	1,943	1,847	1,741	1,649	1,563
Arkansas	1,193	1,164	1,132	1,105	1,069	1,021	982	941	904
California	19,479	18,926	18,485	17,864	17,149	16,345	15,555	14,796	14,118
Colorado	2,276	2,207	2,133	2,057	1,973	1,873	1,758	1,656	1,569
Connecticut	1,928	1,849	1,785	1,681	1,632	1,540	1,463	1,389	1,326
Delaware	468	450	432	414	396	380	363	344	331
District of Columbia	892	855	832	797	788	737	714	697	680
Florida	9,013	8,975	8,708	8,356	7,932	7,440	6,918	6,491	6,138
Georgia	3,844	4,045	3,957	3,824	3,675	3,468	3,304	3,156	3,011
Guam	68	68	67	66	62	54	51	49	48
Hawaii	608	584	562	541	516	512	489	473	455
Idaho	666	664	651	628	609	582	550	514	486
Illinois	6,354	6,154	5,976	5,773	5,562	5,342	5,086	4,812	4,581
Indiana	3,080	2,971	2,875	2,766	2,665	2,547	2,434	2,300	2,186
Iowa	1,302	1,273	1,245	1,200	1,162	1,113	1,077	1,024	987
Kansas	1,100	1,074	1,046	1,012	977	939	899	858	820
Kentucky	1,732	1,725	1,684	1,616	1,542	1,458	1,387	1,352	1,317
Louisiana	1,800	1,825	1,801	1,759	1,710	1,634	1,561	1,489	1,426
Maine	692	669	649	611	579	542	519	482	463
Maryland	3,166	3,079	2,984	2,886	2,792	2,588	2,520	2,403	2,333
Massachusetts	3,076	2,927	2,830	2,712	2,609	2,493	2,369	2,238	2,149
Michigan	4,491	4,303	4,118	3,895	3,719	3,514	3,323	3,113	2,952
Minnesota	2,273	2,210	2,137	2,078	2,006	1,922	1,826	1,725	1,666
Mississippi	1,089	1,108	1,091	1,035	1,018	963	922	879	848
Missouri	2,842	2,778	2,722	2,650	2,568	2,465	2,367	2,259	2,162
Montana	460	445	435	416	406	387	371	351	342
Nebraska	661	644	628	624	606	584	564	543	521
Nevada	1,233	1,200	1,158	1,106	1,042	972	911	856	809
New Hampshire	624	598	575	546	507	470	435	385	366
New Jersey	4,784	4,543	4,354	4,137	3,936	3,734	3,519	3,288	3,112
New Mexico	877	860	834	816	783	754	713	682	651
New York	8,297	7,900	7,417	7,068	6,902	6,557	6,234	5,900	5,653
North Carolina	4,060	4,067	3,973	3,847	3,715	3,519	3,335	3,189	3,045
North Dakota	272	267	261	253	248	241	233	224	220
Northern Mariana Isl.	21	21	19	18	18	17	17	16	16
Ohio	5,368	5,168	4,973	4,763	4,537	4,326	4,124	3,914	3,719
Oklahoma	1,470	1,425	1,375	1,321	1,267	1,215	1,169	1,117	1,070
Oregon	1,627	1,562	1,502	1,429	1,359	1,286	1,210	1,140	1,080
Pennsylvania	6,385	6,175	5,953	5,775	5,494	5,243	5,029	4,771	4,571
Puerto Rico	1,035	994	916	809	786	755	698	610	706
Rhode Island	363	340	327	312	302	292	281	270	264
South Carolina	1,908	1,909	1,866	1,798	1,728	1,629	1,561	1,488	1,429
South Dakota	280	278	276	268	261	251	244	233	227
Tennessee	2,676	2,695	2,618	2,537	2,436	2,297	2,170	2,061	1,962
Texas	9,958	9,738	9,608	9,329	9,020	8,673	8,307	7,999	7,678
Utah	915	894	864	844	811	776	725	690	650
Vermont	370	362	355	340	323	289	299	280	265
Virgin Islands	69	68	67	64	62	61	59	57	59
Virginia	3,844	3,734	3,642	3,540	3,422	3,265	3,160	3,050	2,944
Washington	2,994	2,868	2,762	2,643	2,509	2,367	2,211	2,071	1,962
West Virginia	852	828	806	780	752	714	677	637	606
Wisconsin	2,670	2,605	2,516	2,422	2,336	2,246	2,156	2,051	1,970
Wyoming	245	238	233	225	218	209	200	190	183
Total	142,293	138,834	134,640	129,693	124,606	118,496	112,748	107,019	102,388

Some data for December 2009 have been revised.

¹ See footnote 1, Table 1.

Table 14
Non-ILEC Methods of Providing Wireline Telephone Services by State
as of June 30, 2010
(In Thousands)

State	Resold LEC service	ILEC UNEs	CLEC-owned local loops	VoIP Subscriptions ¹	Total
Alabama	110	122	92	248	573
Alaska	*	*	*	*	*
American Samoa	0	0	0	0	0
Arizona	171	119	539	414	1,242
Arkansas	24	29	67	121	242
California	1,079	531	687	2,840	5,136
Colorado	162	161	67	501	892
Connecticut	52	66	102	486	705
Delaware	35	32	2	104	173
District of Columbia	56	29	32	65	182
Florida	583	531	212	2,110	3,435
Georgia	196	309	130	687	1,322
Guam	*	*	*	*	*
Hawaii	25	3	17	83	128
Idaho	21	28	52	57	158
Illinois	247	291	108	1,015	1,661
Indiana	58	97	86	408	649
Iowa	58	44	89	153	344
Kansas	55	58	115	202	429
Kentucky	75	78	105	262	520
Louisiana	83	103	104	297	586
Maine	32	59	50	140	282
Maryland	305	129	43	467	943
Massachusetts	321	245	159	964	1,689
Michigan	80	339	52	1,267	1,738
Minnesota	118	266	133	409	925
Mississippi	69	43	37	104	253
Missouri	79	123	57	338	597
Montana	8	13	22	65	109
Nebraska	54	6	139	131	330
Nevada	82	41	24	303	449
New Hampshire	44	73	30	240	388
New Jersey	467	192	143	1,335	2,137
New Mexico	42	13	23	78	156
New York	791	598	462	2,931	4,783
North Carolina	176	201	126	821	1,324
North Dakota	5	17	64	40	126
Northern Mariana Isl.	0	0	0	0	0
Ohio	137	224	327	970	1,657
Oklahoma	90	57	141	284	572
Oregon	56	162	35	360	614
Pennsylvania	490	377	317	1,136	2,321
Puerto Rico	21	*	*	*	244
Rhode Island	33	26	162	87	308
South Carolina	122	125	67	309	622
South Dakota	5	2	126	56	188
Tennessee	178	142	103	470	893
Texas	383	511	245	1,301	2,441
Utah	61	85	35	177	359
Vermont	14	26	9	61	109
Virgin Islands	0	0	0	*	*
Virginia	504	188	323	561	1,577
Washington	126	195	71	764	1,157
West Virginia	24	21	4	126	176
Wisconsin	45	229	46	407	728
Wyoming	5	3	3	46	58
Total	8,061	7,443	6,345	26,933	48,782

* = Data withheld to maintain firm confidentiality. Figures may not sum to totals due to rounding.

¹ See footnote 1, Table 1.

Table 15
Percentage of End-User Switched Access Lines and VoIP Subscriptions
Provided to Residential Customers by State as of June 30, 2010

State	ILECs	Non-ILECs	Total
Alabama	66%	57%	64%
Alaska	50	*	*
American Samoa	50	NA	50
Arizona	60	60	60
Arkansas	64	50	61
California	56	55	56
Colorado	63	49	58
Connecticut	59	71	63
Delaware	59	61	60
District of Columbia	20	31	22
Florida	61	55	59
Georgia	59	53	58
Guam	52	*	*
Hawaii	55	63	57
Idaho	64	41	58
Illinois	54	60	56
Indiana	63	67	64
Iowa	67	61	65
Kansas	58	60	59
Kentucky	63	70	65
Louisiana	61	60	61
Maine	79	52	69
Maryland	56	54	55
Massachusetts	57	56	56
Michigan	56	77	64
Minnesota	69	48	61
Mississippi	61	53	59
Missouri	65	54	62
Montana	64	64	64
Nebraska	57	52	55
Nevada	58	59	58
New Hampshire	75	59	67
New Jersey	56	61	58
New Mexico	67	45	62
New York	57	61	59
North Carolina	62	60	62
North Dakota	68	63	66
Northern Mariana Isl.	56	NA	56
Ohio	63	67	64
Oklahoma	62	66	64
Oregon	67	55	63
Pennsylvania	67	50	61
Puerto Rico	77	42	68
Rhode Island	63	58	60
South Carolina	66	54	62
South Dakota	63	69	66
Tennessee	65	52	61
Texas	59	54	58
Utah	63	48	57
Vermont	77	58	71
Virgin Islands	61	*	*
Virginia	57	45	53
Washington	65	63	64
West Virginia	75	72	75
Wisconsin	60	63	61
Wyoming	52	76	58
Nationwide	60	58	59

* = Data withheld to maintain firm confidentiality. NA = Not applicable.

Table 16
Number of Reporting ILECs, Non-ILECs, and VoIP Providers by State
as of June 30, 2010

State	ILECs	Non-ILECs	Total¹	VoIP Providers²
Alabama	21	114	128	74
Alaska	17	17	33	14
American Samoa	1	0	1	0
Arizona	16	105	117	82
Arkansas	20	73	90	52
California	15	162	174	122
Colorado	26	113	137	90
Connecticut	2	83	83	63
Delaware	1	69	70	50
District of Columbia	1	82	83	61
Florida	10	192	197	123
Georgia	27	155	174	106
Guam	1	4	5	3
Hawaii	2	36	38	32
Idaho	21	65	81	51
Illinois	44	156	190	105
Indiana	30	116	137	75
Iowa	135	102	212	49
Kansas	38	97	123	62
Kentucky	17	119	127	72
Louisiana	11	93	98	58
Maine	7	55	59	35
Maryland	2	110	110	80
Massachusetts	4	104	106	76
Michigan	27	112	129	75
Minnesota	51	107	142	67
Mississippi	13	92	99	61
Missouri	31	101	125	70
Montana	19	59	71	41
Nebraska	32	69	92	48
Nevada	13	78	89	61
New Hampshire	6	71	77	52
New Jersey	3	127	128	88
New Mexico	17	72	84	47
New York	25	150	165	104
North Carolina	18	138	148	95
North Dakota	23	48	65	26
Northern Mariana Isl	1	0	1	0
Ohio	34	131	155	92
Oklahoma	39	90	124	62
Oregon	25	101	121	74
Pennsylvania	22	135	149	94
Puerto Rico	1	14	14	13
Rhode Island	1	55	56	40
South Carolina	17	110	115	68
South Dakota	28	51	70	33
Tennessee	18	121	134	81
Texas	52	177	211	113
Utah	11	75	83	58
Vermont	7	47	54	36
Virgin Islands	1	1	2	1
Virginia	15	120	131	93
Washington	19	114	128	86
West Virginia	7	64	68	49
Wisconsin	41	109	135	68
Wyoming	11	57	63	42
Nationwide	766	777	1,335	429

¹ Holding companies or common-control entities that report both ILEC and non-ILEC operations in a state are counted once in the ILECs column and once in the Non-ILECs column and once in the Total column for that state. Either type of operations might report interconnected VoIP subscribers.

² The providers reporting interconnected VoIP subscribers in a state are a subset of the ILECs and non-ILECs in that state.

Table 17
Mobile Telephone Facilities-based Carriers and Mobile Telephony Subscribers

State	Jun 2010		Subscribers (In Thousands)								
	Carriers	% Resold ¹	2006		2007		2008		2009		2010
			Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Alabama	11	9 %	3,276	3,375	3,605	3,765	3,887	3,960	4,003	4,228	4,211
Alaska	11	6	397	412	432	460	480	383	544	586	590
American Samoa	*	*	*	*	*	*	*	*	*	*	*
Arizona	11	7	4,153	4,405	4,637	4,800	4,936	4,983	5,005	5,101	5,268
Arkansas	8	10	1,924	2,044	2,149	2,288	2,446	2,530	2,576	2,519	2,485
California	14	8	27,497	29,717	30,204	32,247	31,946	32,177	32,215	32,938	33,548
Colorado	12	9	3,428	3,608	3,756	3,968	4,066	4,311	4,357	4,503	4,647
Connecticut	7	8	2,582	2,705	2,787	2,884	2,959	3,030	3,047	3,123	3,192
Delaware	8	9	650	683	724	751	775	778	779	803	839
District of Columbia	8	8	879	880	966	936	1,047	1,096	1,116	1,183	1,227
Florida	11	11	14,177	14,762	15,255	15,605	15,809	16,158	16,425	16,744	16,895
Georgia	13	8	6,865	7,282	7,598	7,941	8,142	8,322	8,562	8,863	8,869
Guam	*	*	*	*	*	*	*	*	*	*	*
Hawaii	7	5	1,010	1,035	1,067	1,096	1,115	1,184	1,196	1,216	1,248
Idaho	15	8	901	973	1,019	1,086	1,125	1,167	1,180	1,221	1,269
Illinois	15	7	9,148	9,589	9,949	10,330	10,634	10,919	11,070	11,523	11,604
Indiana	12	9	3,973	4,271	4,448	4,675	4,824	4,956	4,983	5,205	5,289
Iowa	71	8	1,867	2,010	2,058	2,166	2,245	2,319	2,336	2,432	2,466
Kansas	15	11	1,905	2,047	2,133	2,261	2,326	2,421	2,430	2,466	2,491
Kentucky	12	10	2,821	2,966	3,101	3,291	3,343	3,445	3,439	3,631	3,654
Louisiana	10	7	3,356	3,492	3,612	3,765	3,896	4,012	4,053	3,993	3,953
Maine	8	15	787	845	882	941	972	1,012	1,006	1,065	1,040
Maryland	10	7	4,471	4,691	4,818	5,024	5,124	5,234	5,260	5,323	5,500
Massachusetts	8	11	4,917	5,129	5,289	5,470	5,624	5,749	6,027	6,171	6,367
Michigan	12	13	6,863	7,094	7,333	7,608	7,821	8,027	8,171	8,576	8,690
Minnesota	10	9	3,543	3,702	3,834	4,048	4,164	4,345	4,254	4,439	4,611
Mississippi	10	6	1,923	2,030	2,070	2,196	2,252	2,312	2,361	2,345	2,322
Missouri	12	8	4,068	4,322	4,480	4,674	4,835	4,940	4,985	5,129	5,141
Montana	10	4	575	620	650	694	723	748	707	802	783
Nebraska	11	11	1,199	1,272	1,325	1,387	1,451	1,496	1,508	1,515	1,566
Nevada	12	9	1,883	1,990	2,093	2,167	2,249	2,268	2,325	2,393	2,417
New Hampshire	8	11	897	943	973	1,022	1,045	1,080	1,075	1,125	1,141
New Jersey	8	8	6,954	7,207	7,419	7,654	7,834	8,008	8,036	8,158	8,373
New Mexico	10	6	1,253	1,333	1,416	1,489	1,555	1,536	1,550	1,624	1,668
New York	11	10	14,574	15,262	15,901	16,395	17,260	16,702	18,193	18,882	19,502
North Carolina	12	10	6,209	6,627	6,962	7,306	7,428	8,024	8,193	8,108	8,259
North Dakota	11	4	457	473	492	513	541	581	562	618	590
Northern Mariana Isl.	*	*	*	*	*	*	*	*	*	*	*
Ohio	13	11	7,939	8,380	8,723	9,099	9,357	9,565	9,456	10,059	10,236
Oklahoma	17	6	2,317	2,480	2,572	2,723	2,808	2,889	2,988	3,077	3,109
Oregon	11	8	2,484	2,656	2,781	2,923	3,007	3,084	3,112	3,235	3,297
Pennsylvania	14	11	8,349	8,831	9,201	9,615	9,895	10,214	10,455	10,867	11,141
Puerto Rico	6	3	2,171	2,301	2,323	2,411	2,502	2,624	2,706	2,807	2,879
Rhode Island	6	8	765	798	829	848	874	888	880	893	906
South Carolina	14	10	3,001	3,209	3,340	3,500	3,573	3,323	3,374	3,896	3,848
South Dakota	10	4	514	548	570	596	611	631	613	681	681
Tennessee	12	10	4,731	5,127	4,971	5,246	5,791	5,518	5,676	5,914	6,041
Texas	24	6	16,928	17,822	18,792	19,677	20,390	21,008	21,403	21,849	22,201
Utah	13	6	1,649	1,775	1,874	1,971	2,046	2,095	2,109	2,166	2,220
Vermont	6	7	334	358	375	402	421	435	398	463	431
Virgin Islands	*	*	*	*	*	*	*	*	*	*	*
Virginia	11	9	5,325	5,607	6,148	6,416	6,242	6,856	6,596	7,250	7,440
Washington	11	8	4,495	4,799	5,035	5,292	5,461	5,624	5,671	5,816	5,965
West Virginia	12	15	965	1,040	1,095	1,173	1,236	1,295	1,315	1,401	1,406
Wisconsin	13	11	3,517	3,510	3,641	3,842	3,966	4,265	4,317	4,546	4,599
Wyoming	13	5	359	387	410	441	457	484	429	517	501
Nationwide	176	9 %	217,418	229,619	238,316	249,332	255,729	261,284	265,332	274,283	278,918

* = Data withheld to maintain firm confidentiality. Some data for December 2009 have been revised.

¹ Percentage of mobile telephony subscribers purchasing their service subscriptions from a mobile wireless reseller.

Table 18
Percentage of ZIP Codes with CLECs or Non-ILEC VoIP Providers¹

Number of Providers ²	2006		2007		2008		2009		2010
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Zero	17.7 %	17.7 %	17.7 %	19.4 %	18.3 %	7.7 %	8.7 %	9.3 %	7.1 %
One	11.3	11.1	11.1	11.7	11.6	9.2	10.1	10.1	8.7
Two	7.8	8.2	8.3	8.3	8.6	7.8	7.9	7.6	7.4
Three	6.2	6.7	6.7	6.2	6.3	6.4	6.1	6.2	6.2
Four	5.0	5.2	5.4	5.0	5.0	5.4	5.4	5.2	5.2
Five	4.2	4.4	4.4	3.9	4.1	4.8	4.6	4.5	4.7
Six	3.5	3.8	3.8	3.5	3.5	4.2	4.0	3.8	4.2
Seven	3.2	3.2	3.4	3.3	3.2	3.6	3.4	3.5	3.6
Eight	2.9	3.0	2.8	2.9	3.0	3.2	3.1	3.0	3.4
Nine	2.8	2.7	2.9	2.6	2.7	2.8	2.6	2.7	2.8
Ten or More	35.3	34.0	33.5	33.1	33.6	44.7	44.0	44.0	46.6

Table 19
Percentage of Households in ZIP Codes with CLECs or Non-ILEC VoIP Providers¹

Number of Providers ²	2006		2007		2008		2009		2010
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun
Zero	2.3 %	2.4 %	2.4 %	2.8 %	2.6 %	0.4 %	0.5 %	0.6 %	0.4 %
One	2.4	2.5	2.4	2.6	2.4	0.9	1.2	1.2	0.9
Two	2.1	2.2	2.2	2.4	2.4	1.2	1.3	1.3	1.0
Three	2.2	2.4	2.3	2.5	2.4	1.3	1.4	1.4	1.3
Four	2.3	2.4	2.4	2.2	2.2	1.3	1.5	1.5	1.3
Five	2.0	2.4	2.5	2.2	2.2	1.6	1.4	1.5	1.4
Six	1.9	2.4	2.3	2.2	2.1	1.7	1.5	1.5	1.3
Seven	2.2	2.4	2.4	2.5	2.3	1.8	1.5	1.6	1.4
Eight	2.3	2.5	2.4	2.8	2.8	1.7	1.8	1.6	1.6
Nine	2.7	2.5	2.8	2.8	2.7	1.6	1.6	1.7	1.6
Ten or More	77.4	76.1	75.8	75.0	75.9	86.6	86.2	86.1	87.9

Demographic data were created by geographically merging contemporaneous Tele Atlas ® Dynamap ® ZIP Code Boundary & Inventory Files with census block-level population data from the 2000 Census of Population and Housing. Figures may not add to 100% due to rounding.

¹ See footnote 1, Table 1.

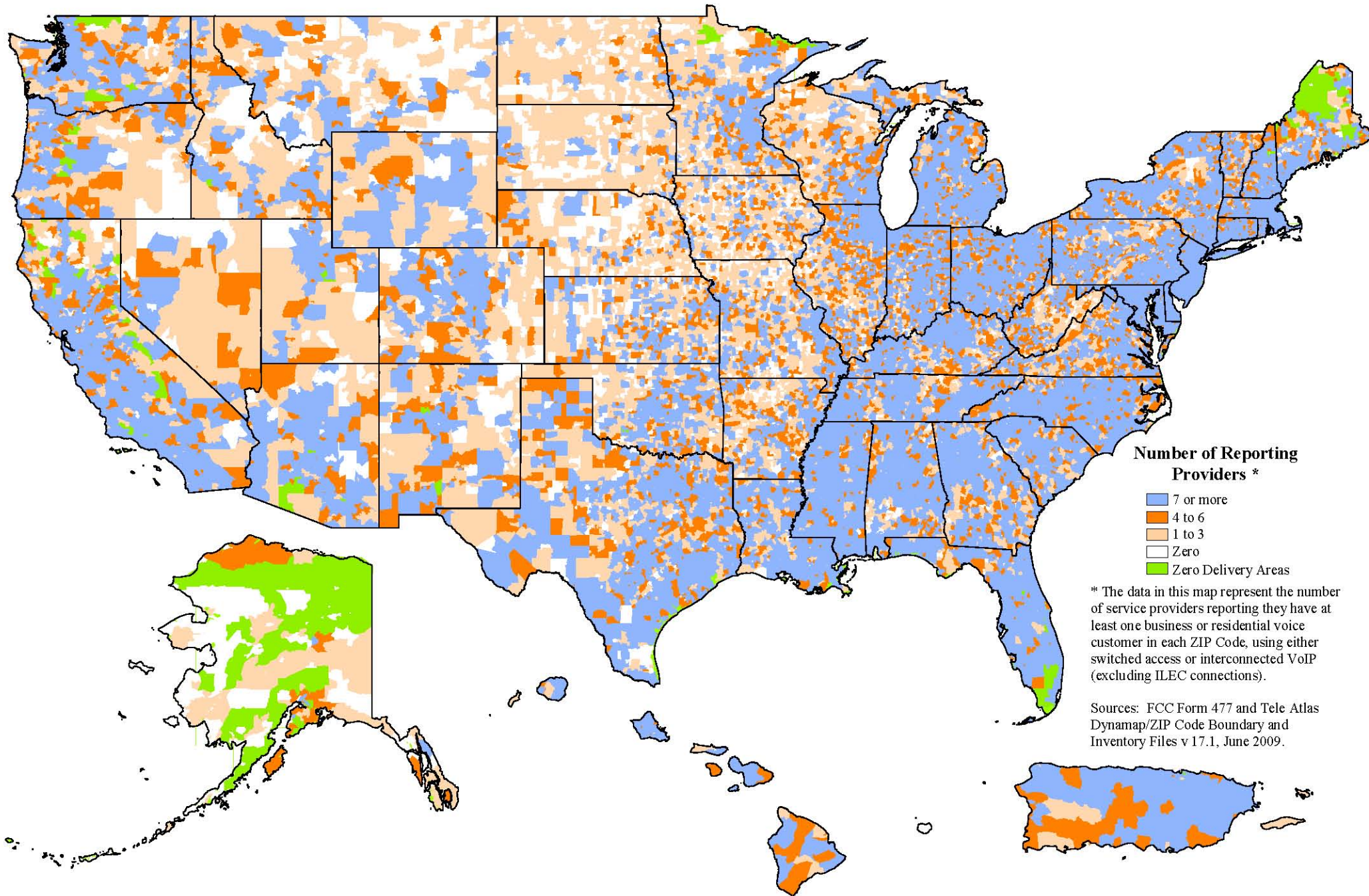
² A holding company or common-control entity that reports both CLEC end-user switched access lines and interconnected VoIP subscribers in a state reports a single list of ZIP Codes in which it has any such customers and is counted once in each listed ZIP Code.

Table 20
Percentage of ZIP Codes with CLECs or Non-ILEC VoIP Providers by State
as of June 30, 2010

State	Number of Providers								
	Zero	One - Three	Four	Five	Six	Seven	Eight	Nine	Ten or More
Alabama	4 %	14 %	4 %	5 %	3 %	4 %	4 %	1 %	60 %
Alaska	57	26	3	3	3	4	2	1	0
Arizona	6	13	6	2	4	3	3	4	60
Arkansas	15	42	6	6	4	3	3	2	18
California	2	10	4	3	4	3	3	3	69
Colorado	10	24	5	3	3	2	2	3	48
Connecticut	0	5	4	6	7	7	6	5	59
Delaware	0	2	3	2	2	2	5	5	80
District of Columbia	0	12	0	0	0	0	0	0	88
Florida	1	3	2	2	2	1	2	3	85
Georgia	2	18	5	4	4	3	3	3	57
Hawaii	2	22	8	7	3	9	7	3	39
Idaho	10	41	6	7	4	7	2	1	22
Illinois	6	26	9	6	5	4	3	2	38
Indiana	3	15	7	9	7	8	4	5	43
Iowa	25	46	6	3	3	1	2	1	12
Kansas	16	37	6	4	4	3	5	2	22
Kentucky	5	26	6	6	5	4	5	4	38
Louisiana	3	18	4	3	4	4	4	3	58
Maine	5	22	5	9	7	6	6	7	32
Maryland	0	3	3	3	4	4	4	3	76
Massachusetts	0	2	3	2	1	3	3	1	85
Michigan	1	13	4	6	6	5	5	5	56
Minnesota	11	38	6	4	3	3	2	2	31
Mississippi	1	7	5	4	4	4	5	4	66
Missouri	16	37	5	4	4	3	3	2	26
Montana	40	35	5	2	1	2	2	1	13
Nebraska	29	47	4	2	2	2	1	2	11
Nevada	7	19	3	7	3	3	3	3	52
New Hampshire	1	2	5	7	6	6	6	9	58
New Jersey	0	0	0	1	1	1	1	1	94
New Mexico	16	33	8	7	5	2	5	0	23
New York	1	12	5	4	4	3	4	3	65
North Carolina	1	11	5	6	7	5	3	4	59
North Dakota	27	61	3	2	2	0	1	1	5
Ohio	0	8	6	6	7	7	7	4	55
Oklahoma	12	33	5	4	4	2	3	2	36
Oregon	5	26	6	8	3	6	5	3	38
Pennsylvania	2	20	6	4	5	4	4	3	52
Puerto Rico	0	11	6	9	7	10	17	18	22
Rhode Island	0	7	5	4	7	3	8	4	63
South Carolina	2	15	5	5	3	3	3	4	61
South Dakota	27	56	3	3	1	3	1	1	5
Tennessee	4	17	4	3	4	2	4	4	58
Texas	5	19	5	4	4	3	2	2	56
Utah	7	33	5	2	2	4	3	3	42
Vermont	1	30	11	6	12	7	6	6	20
Virginia	2	29	9	6	6	4	4	3	37
Washington	4	23	6	5	3	3	3	2	50
West Virginia	8	31	10	13	8	6	4	3	16
Wisconsin	9	39	7	7	3	3	3	2	27
Wyoming	11	57	5	4	3	2	0	1	16
Nationwide	7 %	22 %	5 %	5 %	4 %	4 %	3 %	3 %	47 %

Reporting Non-ILEC Interconnected VoIP Providers and CLECs by 5-Digit Geographical ZIP Code

(As of June 30, 2010)



Prepared by the Federal Communications Commission,
Wireline Competition Bureau, Industry Analysis and Technology Division

Technical Notes

General

Detailed information about FCC Form 477 reporting requirements is available at <http://www.fcc.gov/form477/>.

See Glossary for definitions of terms used in this report.

Counting lines and subscribers

- Form 477 counts both switched access lines and interconnected VoIP subscriptions as the maximum number of calls that may be active, simultaneously, from the end user's location under the purchased service plan. All VoIP subscriptions discussed in this report are interconnected VoIP subscriptions.
- Form 477 data may not count all VoIP phone connections to Internet Protocol Private Branch Exchange (IP PBX) equipment that is owned by business end users because of the variety of ways the IP PBX may connect to the public switched telephone network.

Holding company-subsidary relationships

- When counting service providers who have any retail customers in a particular geography (for example, a state or a ZIP Code), we count a holding company or common-control entity no more than once in any specified sub-category of total providers.
- Nationwide counts of providers are unique counts for any specified sub-category of total providers (for example, all non-ILECs or all interconnected VoIP providers); an entity operating in multiple states is counted only once.

ILEC-CLEC affiliations

- Lines from CLECs who have ILEC affiliates are handled at the state level in one of several ways. We place the lines into the non-ILEC category if the affiliate is an ILEC other than AT&T or Verizon. Lines from CLEC affiliates of AT&T and Verizon are allocated between the ILEC and non-ILEC categories based on staff estimates if the CLEC operates in the AT&T or Verizon ILEC service area in the state, respectively.

ZIP Code-based information

- Wireline service providers report whether they have at least one residential or business customer in each ZIP Code, using either switched access or interconnected VoIP. This contrasts with the census tract-based broadband reporting requirements the Commission adopted in 2008.

- The report includes summary statistics of the presence of competitors to the ILEC, or ILECs, in individual ZIP Codes. These entities are CLECs or interconnected VoIP providers who are not affiliated with the ILEC, or ILECs, who serve end users in that ZIP Code. However, because providers may not offer service across an entire ZIP Code and because different providers may target different customer segments in areas where they provide service, we cannot conclude that the number of providers identified as delivering wireline service within a ZIP Code represents the number of options available to any specific customer within that ZIP Code. We further note that these data on the number of providers in a ZIP Code do not indicate whether a particular provider is offering service solely over its own last-mile facilities or is using the facilities of another carrier or entity.

Glossary

Term	Definition
Broadband bundle	The purchase, from the same or affiliated retailers, of interconnected VoIP service and broadband Internet access service, either for a single price or for separate prices.
Cable modem service	A service which offers customers access to the Internet over a cable system at broadband speeds.
Circuit switching	A method of completing electronic communications in which a transmission path is established for dedicated use by a communication; the basis of the public switched telephone network (PSTN).
CLEC	Competitive Local Exchange Carrier: A new LEC that operates within the service area of an ILEC.
DSL	Digital Subscriber Line: A digital local loop, typically using copper facilities, that frequently is used to offer customers access to the Internet at broadband speeds.
End users	Residential, business, institutional, or government entities that use services for their own purposes and who do not resell such services to other entities.
Fixed wireless service	A radio communication service between specified fixed points.
FTTP or FTTH	Fiber to the Premises (Home): A network access architecture in which optical fiber is deployed all the way to the customer's premises (home).
Internet access service	Service that provides end users access to the Internet.
ILEC	Incumbent Local Exchange Carrier: A company or cooperative that was providing telephone service in a localized area, typically on a monopoly basis, prior to enactment of the Telecommunications Act of 1996.
Internet protocol or IP	A language and set of formal rules that govern how packets transit the Internet.
Interconnected VoIP or iVoIP	A service that enables real-time, two-way voice communications; requires a broadband connection from the user's location; requires Internet-protocol compatible customer premises equipment; and permits users generally to receive calls that originate on the public switched telephone network and to terminate calls to the public switched telephone network.
LEC	Local Exchange Carrier: A company that provides telephone service within a localized area and access services that connect its customers to long-distance (Interexchange Carrier) networks.
Local loop	The physical connection between the customer's premises and the telephone company's local switching office, typically provided using copper, fiber, or a combination of copper and fiber facilities.
Mobile wireless service	A radio communication service between mobile and fixed stations, or between mobile stations.
Nomadic interconnected VoIP	A service whose terms allow use over any broadband connection available to the subscriber (such as at a hotel or vacation residence); by contrast, a non-nomadic service subscription must be used over a single predetermined broadband connection.

Non-ILEC	Any provider of communications services who does not have ILEC regulatory status.
Other ILEC	An ILEC who is not an RBOC.
Other wireline	All copper-wire based transmission technologies other than DSL technologies; Ethernet over copper and T-1 are examples.
OTT	Over-the-top: Interconnected VoIP service provided by entities that neither own nor operate telecommunications facilities.
Packet switching	A method of completing electronic communications in which the information is disassembled into discrete packets that are transmitted independently and later reassembled; IP is an example.
PBX	Private Branch Exchange: A telephone switch that is owned or leased by the telephone company's customer and generally located on the customer's premises.
RBOC	Regional Bell Operating Company: The ILEC operations of AT&T, Qwest, and Verizon.
Retail local telephone service	Retail switched access lines and interconnected VoIP subscriptions.
Retail switched access lines	Switched access lines for which an end user is the customer.
Standalone interconnected VoIP	The purchase of interconnected VoIP service without the purchase of broadband Internet access service from the same retailer, or from an affiliated retailer.
Special access circuit	A dedicated, non-switched circuit (connection or line) provided by an ILEC, commonly used to connect an end user to another communications service provider; also frequently used by wireless service providers to connect cell towers to mobile switching centers (MSCs).
Switched access line	A service connection between an end user and the local telephone company's switch; the basis of plain old telephone service (POTS).
Total ILEC lines	The sum of ILEC-reported retail switched access lines, interconnected VoIP subscriptions, wholesale switched access lines, and UNEs provided to CLECs.
UNE	Unbundled Network Element: A physical or functional element of an ILEC network that must be provided to a CLEC at a cost-based price, as provide for in the Telecommunications Act of 1996.
UNE-L	UNE-Loop: An ILEC unbundled local loop provided to a CLEC at a cost-base price.
UNE-P	UNE-Platform: The combination of ILEC unbundled local loop, switching, and transport, provided to a CLEC at cost-based prices.
Wholesale switched access lines	Local telephone service provided to an unaffiliated telephone company, which resells the service to end users; typically provided by an ILEC to a CLEC.
ZIP Code	A five-digit geographical ZIP Code.

Customer Response

Publication: *Local Telephone Competition: Status as of June 30, 2010*

You can help us provide the best possible information to the public by completing this form and returning it to the Industry Analysis and Technology Division of the FCC's Wireline Competition Bureau.

1. Please check the category that best describes you:

- press
- current telecommunications carrier
- potential telecommunications carrier
- business customer evaluating vendors/service options
- consultant, law firm, lobbyist
- other business customer
- academic/student
- residential customer
- FCC employee
- other federal government employee
- state or local government employee
- Other (please specify)

2. Please rate the report: Excellent Good Satisfactory Poor No opinion

Data accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data presentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Completeness of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Text clarity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Completeness of text	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Overall, how do you rate this report? Excellent Good Satisfactory Poor No opinion

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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4. How can this report be improved?

5. May we contact you to discuss possible improvements?

Name:

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To discuss the information in this report, contact: 202-418-0940 or for users of TTY equipment, call 202-418-0484		
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