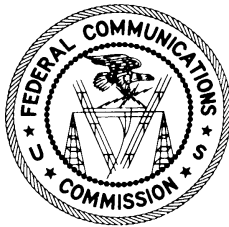


Local Telephone Competition: Status as of December 31, 2009

Industry Analysis and Technology Division
Wireline Competition Bureau
January 2011



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Local Telephone Competition: Status as of December 31, 2009

Introduction. This is the third of our reports about local telephone service in the United States that includes comprehensive information about subscribership to interconnected Voice over Internet Protocol (“interconnected VoIP”) service as well as comprehensive information about the more traditional telephone service lines.^{1,2} The report summarizes data collected by FCC Form 477 as of December 31, 2009.

We include certain ZIP Code-based information in the report.³ At present, there is no Form 477 requirement to report any telephone service information at the census tract level of detail.⁴ We also update summary statistics for the mobile telephony subscribership information collected by Form 477.⁵

¹ The first such comprehensive report, which was released in June 2010, is available at <http://www.fcc.gov/wcb/iatd/comp.html>. It contains more extensive citations for the Commission’s adoption, in 2008, of improvements to the FCC Form 477 data collection program, which made reporting mandatory for providers of retail interconnected VoIP services as well as for local exchange carriers and facilities-based providers of mobile telephony service. Qualifying entities file FCC Form 477 each year on March 1 (reporting data for the preceding December 31) and September 1 (reporting data for June 30 of the same year). The first data collected on Form 477 were for December 31, 1999. Effective with the filing of data as of December 31, 2008, Form 477 is a Web-based electronic filing system. Information about the filing system and the Form 477 program generally is available at <http://www.fcc.gov/form477/>.

² 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.

³ 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. 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.

⁴ This contrasts with the census tract-based broadband reporting requirements the Commission adopted in 2008, at which time the Commission sought comment about requiring local exchange carriers and interconnected VoIP service providers to report the number of voice telephone service connections, and the percentage of these that are residential, at the 5-digit ZIP Code or census tract level of detail. See *Development of Nationwide Broadband Data to Evaluate Reasonable and Timely Deployment of Advanced Services to All Americans, Improvement of Wireless Broadband Subscribership Data, and Development of Data on Interconnected Voice over Internet Protocol (VoIP) Subscribership*, WC Docket No. 07-38, Further Notice of Proposed Rulemaking, 23 FCC Rcd 9691 (2008) at 9708, para. 33.

Explanation of terminology used in this report.

- We use “Non-ILEC” to refer to any service provider who does not have incumbent local exchange carrier (ILEC) regulatory status, including, for example, competitive local exchange carriers (CLECs), including both those who provide service over their own facilities and those who employ ILEC facilities or services, cable companies without CLEC regulatory status who provide interconnected VoIP service, and over-the-top (OTT) interconnected VoIP providers who neither own nor operate telecommunications facilities.
- All “VoIP subscriptions” discussed in this report are interconnected VoIP subscriptions.
- When referring specifically to ILECs, we use the term “total lines” to mean the sum of ILEC-reported retail (end-user) switched access lines, ILEC interconnected VoIP subscriptions, and ILEC wholesale switched access lines and unbundled network elements (UNEs) provided to CLECs.
- We specify “RBOC” and “Other ILEC” when we wish to distinguish between information reported by the Regional Bell Operating Companies (that is, AT&T, Qwest, and Verizon) operating in their respective ILEC service areas and information reported by all other ILECs as a group.

Data interpretation.

- 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.
- 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.

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.” The Form 477 program counts lines and subscriptions as the maximum number of voice calls that can be active at one time from the retail customer’s location (for example, a business customer’s premises) under the service plan that the end user has purchased from a local exchange carrier or interconnected VoIP service retailer.⁶

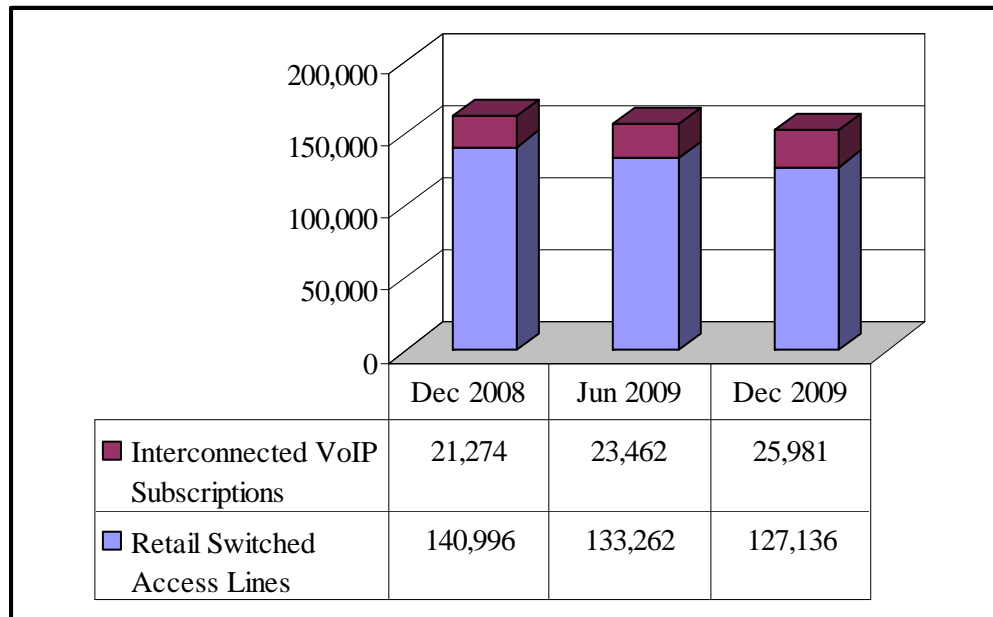
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⁵ The presentation of mobile wireless telephone subscriber counts in this report does not constitute, or imply, Commission analysis of the extent to which wireline and mobile wireless telephone services are demand substitutes or complements in general 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.

⁶ 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.

- In December 2009, there were 127 million end-user switched access lines in service and 26 million interconnected VoIP subscriptions in the United States, or 153 million wireline retail local telephone service connections in total. See Figure 1.
- Between December 2008 and December 2009 – the first full year of mandatory interconnected VoIP reporting – interconnected VoIP subscriptions increased by 22% (from 21 million to 26 million) and retail switched access lines decreased by 10% (from 141 million to 127 million). The combined effect was an annual decrease of 6% in wireline retail local telephone service connections (from 162 million to 153 million). See Figure 1.

Figure 1
Interconnected VoIP Subscriptions and Retail Switched Access Lines, 2008 - 2009
(In Thousands)

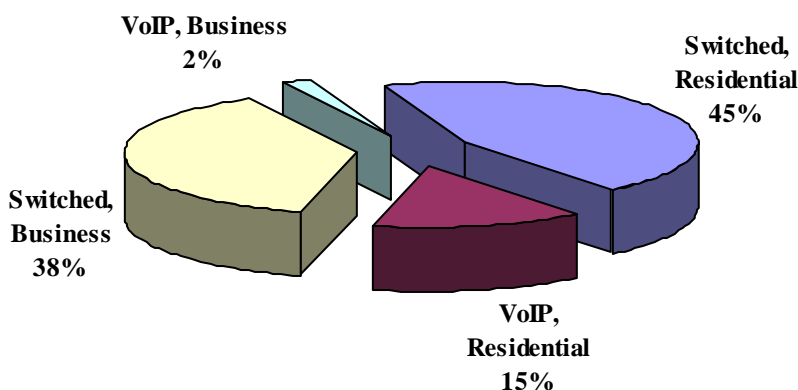


- Of the 153 million wireline retail local telephone service connections in December 2009, 91 million (or 59%) were residential connections and 62 million (or 41%) were business connections. See Figure 2.
- Cross-classified by technology and customer type, the 153 million wireline retail local telephone service connections in December 2009 were: 45% residential switched access lines, 38% business switched access lines, 15% 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 December 31, 2009 (In Thousands)

	Switched Access Lines	Interconnected VoIP	Total
Residential	68,646	22,407	91,052
Business	58,490	3,574	62,064
Total	127,136	25,981	153,117

Figures may not add to totals due to rounding.



Service providers. The retailers of wireline local telephone service include a variety of entities that are subject to different federal communications regulation. The Form 477 program – and this report – distinguishes ILEC operations from all other operations. Generally, ILEC operations are more closely regulated than non-ILEC operations because they operated as local monopolies for many years. After the Telecommunications Act of 1996 became law, some ILECs established CLEC affiliates (usually within a holding company or common-control structure) that compete against other ILECs. Also, some ILECs have acquired CLECs. In particular, RBOCs AT&T and Verizon have acquired major CLECs that operated within their ILEC service areas and elsewhere.⁷ With this overview as background, we report:

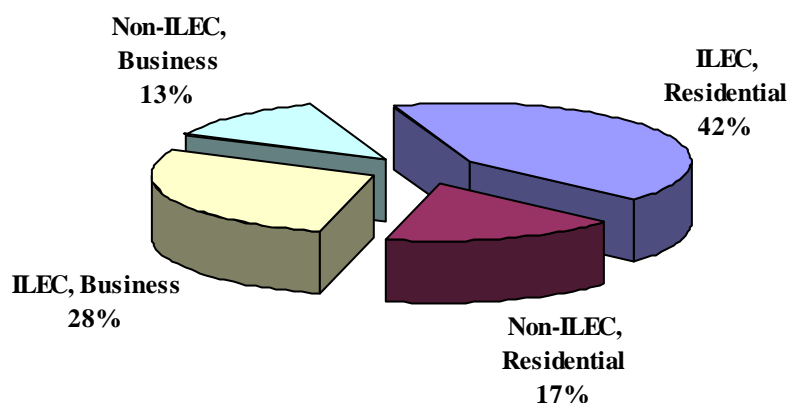
⁷ Qwest is the third of the three surviving RBOCs.

- Cross-classified by customer type (residential or business) and the service retailer’s regulatory status (ILEC or non-ILEC), the 153 million wireline retail local telephone service connections (including both switched access lines and interconnected VoIP subscriptions) in December 2009 were: 42% ILEC residential service, 28% ILEC business service, 17% non-ILEC residential service, and 13% non-ILEC business service. See Figure 3.

Figure 3
Wireline Retail Local Telephone Service Connections by Customer Type and Regulatory Status as of December 31, 2009 (In Thousands)

	Residential	Business	Total
ILEC	64,615	42,803	107,418
Non-ILEC	26,438	19,261	45,698
Total	91,052	62,064	153,117

Figures may not add to totals due to rounding.

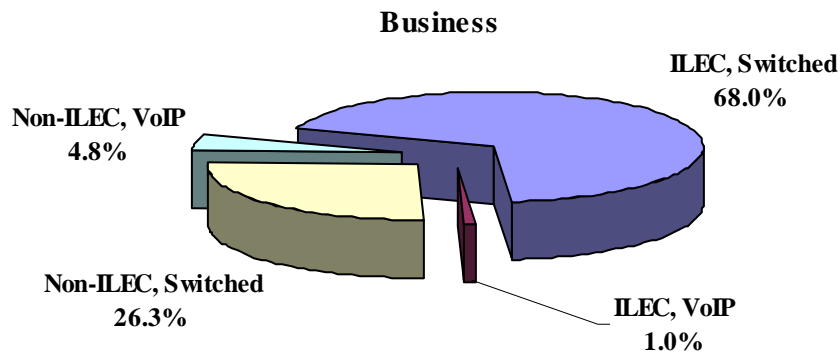
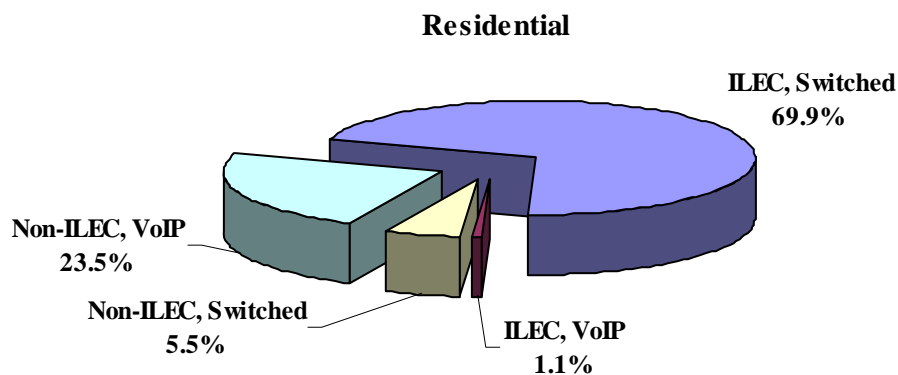


- Additionally cross-classified by technology, the 91 million wireline residential connections in December 2009 were: 69.9% ILEC switched access lines, 23.5% non-ILEC interconnected VoIP subscriptions, 5.5% non-ILEC switched access lines, and 1.1% ILEC interconnected VoIP subscriptions. Similarly, the 62 million wireline business connections were: 68.0% ILEC switched access lines, 26.3% non-ILEC switched access lines, 4.8% non-ILEC interconnected VoIP subscriptions, and 1.0% ILEC interconnected VoIP subscriptions. See Figure 4.

Figure 4
Wireline Retail Local Telephone Service Connections by Technology, Regulatory Status, and Customer Type as of December 31, 2009 (In Thousands)

Total	Switched Access Lines	Interconnected VoIP	Total
ILEC	105,826	1,592	107,418
Non-ILEC	21,310	24,389	45,698
Total	127,136	25,981	153,117
Residential			
ILEC	63,632	983	64,615
Non-ILEC	5,013	21,424	26,438
Residential Total	68,646	22,407	91,053
Business			
ILEC	42,194	610	42,803
Non-ILEC	16,297	2,964	19,261
Business Total	58,490	3,574	62,064

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)⁸ and all the other interconnected VoIP subscriptions that they sell (“standalone” subscriptions).⁹
- 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.

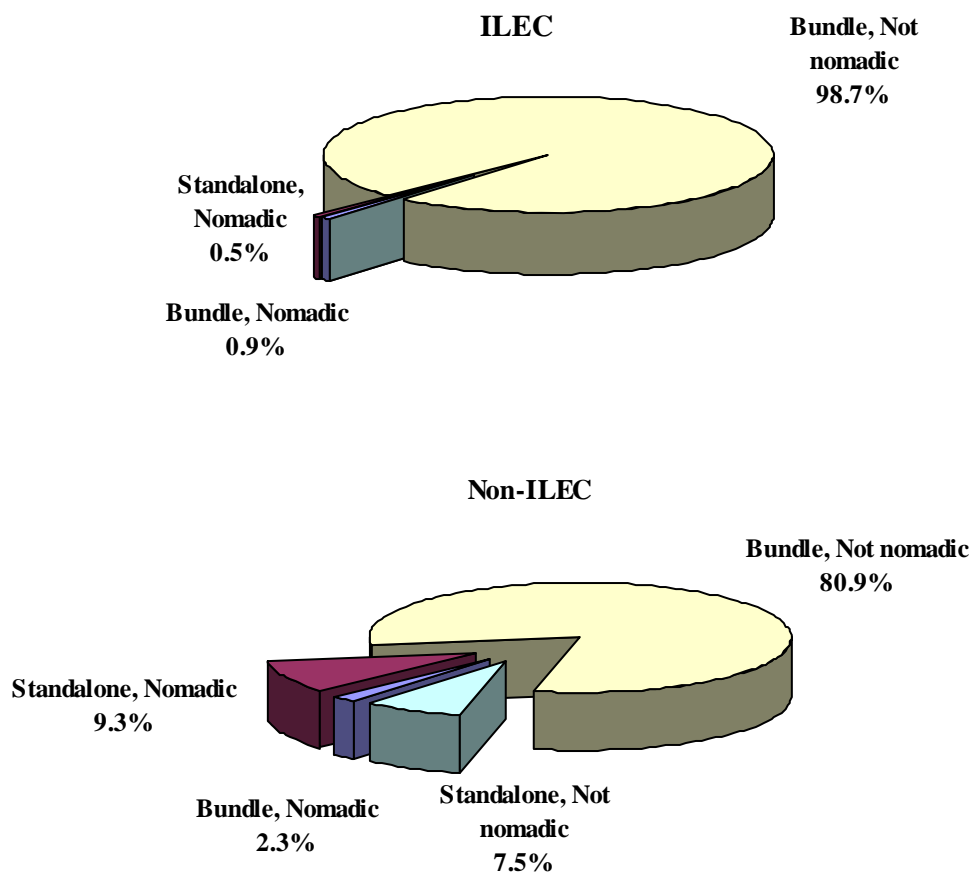
⁸ We note that the interconnected VoIP service “broadband bundles” reported on Form 477 do not need to be sold together for a single price, although they may be. The interconnected VoIP service and Internet access service could be marketed and billed by separate retailers, who are affiliated. The retailer of the Internet access service could either own the connection that delivers the service or be reselling Internet access service.

⁹ The “standalone” service might be OTT interconnected VoIP. It also might be interconnected VoIP sold by a cable system operator as an individual service or in combination with cable TV service.

Figure 5
Interconnected VoIP Subscriberhip by Reported Service Features
as of December 31, 2009 (In Thousands)

Total	Broadband Bundle	Standalone VoIP	Total
Nomadic	580	2,285	2,864
Not nomadic	21,294	1,822	23,116
Total	21,874	4,107	25,981
ILEC			
Nomadic	14	8	22
Not nomadic	1,571	#	1,571
ILEC Total	1,584	8	1,592
Non-ILEC			
Nomadic	566	2,277	2,843
Not nomadic	19,723	1,822	21,546
Non-ILEC Total	20,290	4,099	24,389

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

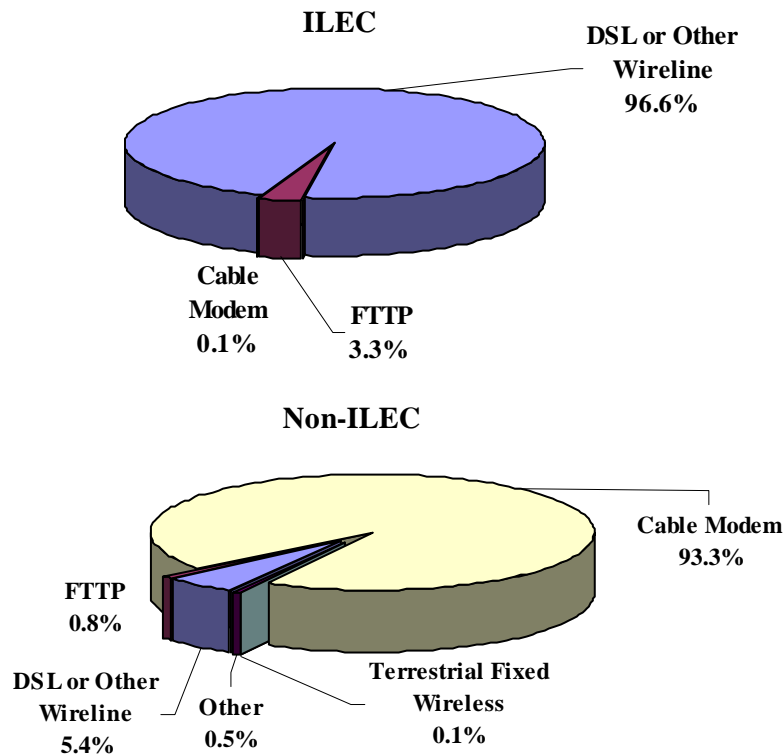


Form 477 collects the third type of information about retail interconnected VoIP service – the technology of the Internet access connection – for broadband bundles but not for standalone interconnected VoIP. See Figure 6.¹⁰

Figure 6
Technology of Internet Access Connections in Interconnected VoIP
Broadband Bundles as of December 31, 2009 (In Thousands)

Technology	ILEC	Non-ILEC	Total
DSL or Other Wireline	1,531	1,089	2,619
FTTP	53	160	213
Cable Modem	1	18,927	18,928
Terrestrial Fixed Wireless	#	21	21
Other	#	93	93
Total	1,584	20,290	21,874

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



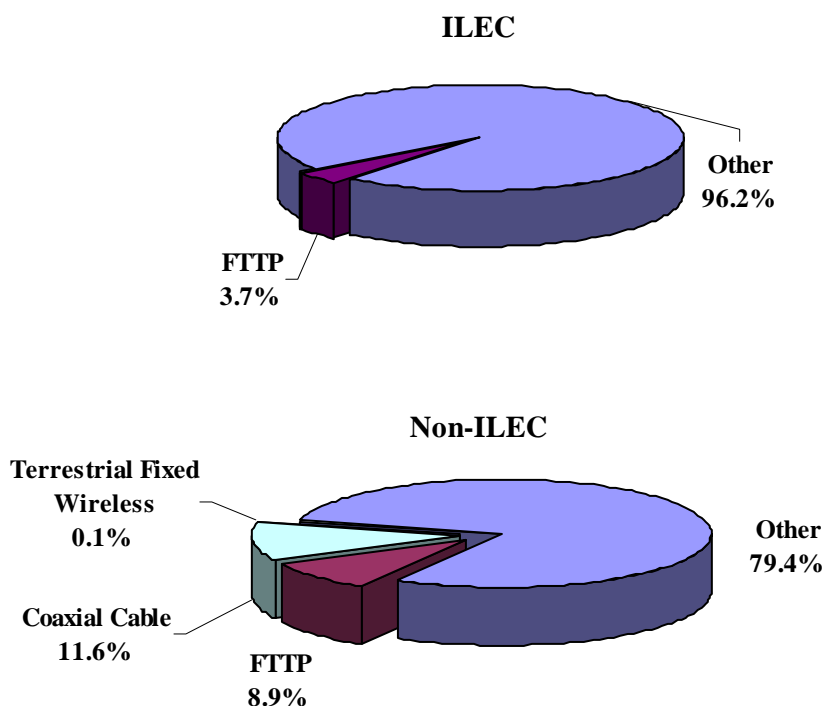
¹⁰ “DSL” is Digital Subscriber Line technology, which typically delivers Internet access service over telephone company “local loops” (pairs of copper wires). The “Other Wireline” component of “DSL or Other Wireline” includes other ways of using telephone company local loops to deliver Internet access services, for example, over “T-1” circuits or Ethernet over copper. “FTTP” is fiber to the premises – optical fiber taken all the way to the end user. “Cable modem” is the cable TV industry’s mass-market Internet access service, delivered to the end user over a coaxial cable. Terrestrial fixed wireless service makes a point-to-point connection between the service provider’s antenna and an antenna installed at the end user’s premises.

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 December 31, 2009 (In Thousands)

Technology	ILEC	Non-ILEC	Total
FTTP	3,886	1,890	5,777
Coaxial Cable	156	2,482	2,639
Terrestrial Fixed Wireless	2	15	16
Other (copper local loop)	101,781	16,923	118,704
Total	105,826	21,310	127,136

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,¹¹ reselling services (for example, reselling ILEC

¹¹ 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.

- At year-end 2009, CLECs reported using several methods to provide their 21 million retail switched access lines. They reported providing 33% of lines (or about 7.1 million lines) by reselling ILEC wholesale or retail services. They reported providing 38% of lines (or about 8.2 million lines) over ILEC facilities leased at regulated, cost-based rates (that is, as unbundled network elements, or UNEs). And they provided the remaining 28% of lines (or about 6.0 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 December 31, 2009 (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	7,101	2,993	4,108
UNE-P²	1,446	2,396	(949)
UNE-L³	6,752	3,668	3,084
Total ILEC UNEs	8,199	6,063	2,135
Total ILEC services	15,299	9,056	6,243

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 the presence of competitors to the incumbent wireline local telephone service providers in individual ZIP Codes.¹²

* * * *

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: December 2009 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.

¹² In any individual ZIP Code, the competitors to ILECs may be CLECs or interconnected VoIP providers who are not affiliated with the ILEC, or ILECs, who serve end users in that ZIP Code. Appropriate interpretation of the ZIP Code-based information is discussed in n. 3, above.

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

Date	Provided by		Total	Non-ILEC Share
	ILEC	Non-ILEC		
Dec 1999	181,203	8,194	189,397	4.3 %
Jun 2000	179,649	11,557	191,206	6.0
Dec 2000	177,561	14,871	192,432	7.7
Jun 2001	174,752	17,275	192,027	9.0
Dec 2001	171,917	19,653	191,571	10.3
Jun 2002	167,330	21,645	188,975	11.5
Dec 2002	164,386	24,864	189,250	13.1
Jun 2003	158,275	26,985	185,260	14.6
Dec 2003	153,158	29,775	182,933	16.3
Jun 2004	147,993	32,034	180,027	17.8
Dec 2004	144,810	32,881	177,691	18.5
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	43,774	162,270	27.0
Jun 2009	112,748	43,976	156,724	28.1
Dec 2009	107,418	45,698	153,117	29.8

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

¹ Incumbent local exchange carriers (ILECs) and competitive local exchange carriers (CLECs) with at least 10,000 switched access lines in service in a state were required to report through December 2004. Thereafter, all were required to report. 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)

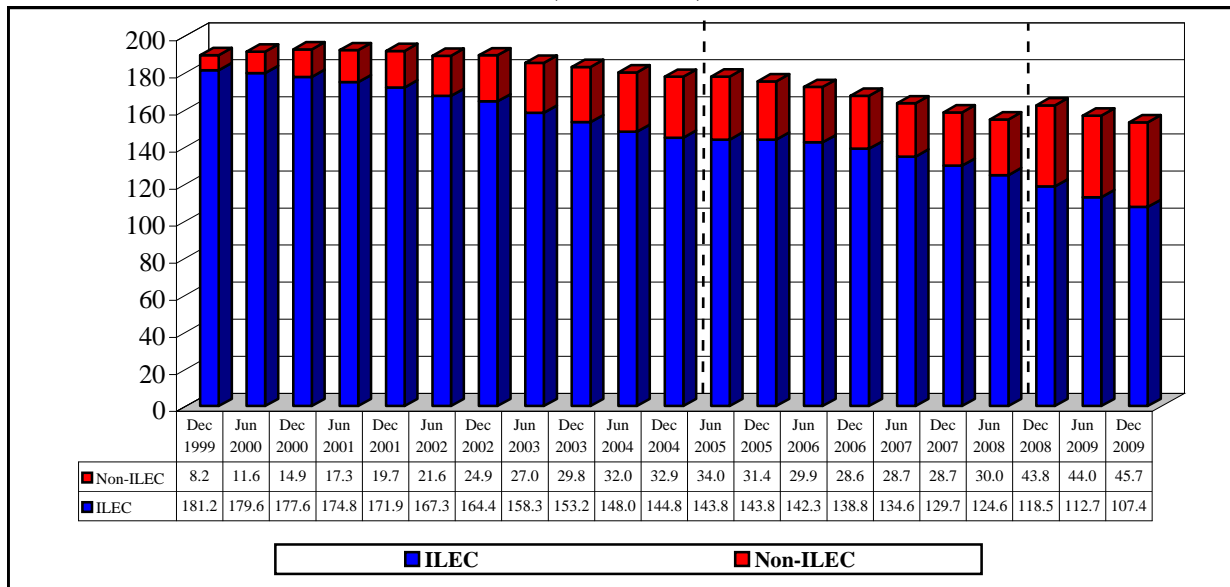


Table 2
End-User Switched Access Lines and VoIP Subscriptions by Customer Type¹
(In Thousands)

Date	Reporting ILECs			Reporting Non-ILECs		
	Residential	Business	% Residential	Residential	Business	% Residential
Dec 1999	139,694	41,508	77.1 %	3,369	4,826	41.1 %
Jun 2000	140,566	39,083	78.2	4,580	6,978	39.6
Dec 2000	138,824	38,737	78.2	6,620	8,251	44.5
Jun 2001	134,531	40,221	77.0	7,793	9,482	45.1
Dec 2001	133,320	38,597	77.5	9,489	10,164	48.3
Jun 2002	130,937	36,393	78.3	11,081	10,564	51.2
Dec 2002	127,495	36,892	77.6	14,608	10,255	58.8
Jun 2003	122,574	35,701	77.4	16,771	10,215	62.1
Dec 2003	118,659	34,499	77.5	18,702	11,073	62.8
Jun 2004	114,533	33,460	77.4	20,872	11,162	65.2
Dec 2004	112,054	32,755	77.4	19,812	13,069	60.3
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	24,654	19,120	56.3
Jun 2009	68,582	44,166	60.8	24,382	19,594	55.4
Dec 2009	64,615	42,803	60.2	26,438	19,261	57.9

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

¹ In 2004, the Commission modified instructions for reporting lines serving small businesses. They were counted with residential lines through December 2004 and with business lines thereafter. This change caused a one-time drop in the percentages of ILEC and CLEC lines reported as residential. 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

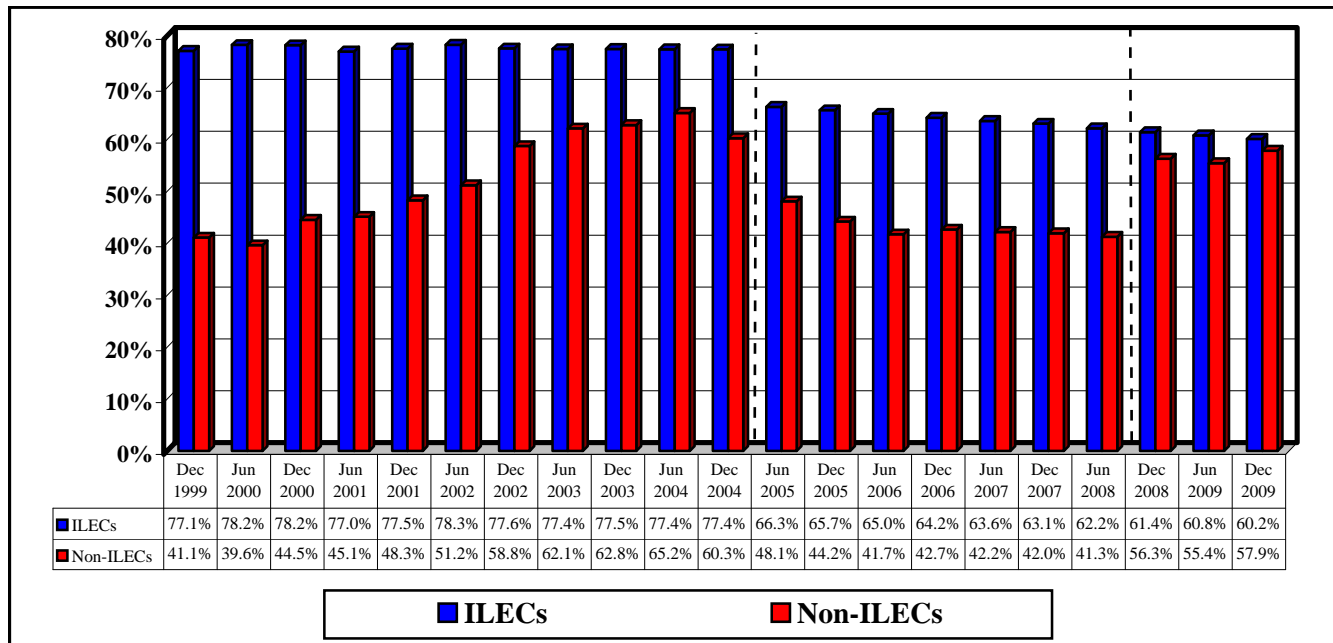


Table 3
End-User Switched Access Lines and VoIP Subscriptions Reported by Non-ILECs¹
(Lines and Subscriptions in Thousands)

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						
Dec 1999	81	8,194	3,513	1,959	2,723	-	42.9%	23.9%	33.2%	-
Jun 2000	78	11,557	4,315	3,201	4,042	-	37.3	27.7	35.0	-
Dec 2000	89	14,871	4,114	5,540	5,217	-	27.7	37.3	35.1	-
Jun 2001	91	17,275	3,919	7,580	5,776	-	22.7	43.9	33.4	-
Dec 2001	94	19,653	4,250	9,332	6,072	-	21.6	47.5	30.9	-
Jun 2002	96	21,645	4,478	10,930	6,236	-	20.7	50.5	28.8	-
Dec 2002	112	24,864	4,677	13,709	6,479	-	18.8	55.1	26.1	-
Jun 2003	125	26,985	4,887	15,728	6,370	-	18.1	58.3	23.6	-
Dec 2003	136	29,775	4,842	17,888	7,045	-	16.3	60.1	23.7	-
Jun 2004	137	32,034	4,927	19,624	7,483	-	15.4	61.3	23.4	-
Dec 2004	149	32,881	5,417	18,961	8,503	-	16.5	57.7	25.9	-
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	43,774	7,066	9,606	6,359	20,745	16.1	21.9	14.5	47.4
Jun 2009	717	43,976	6,840	8,631	6,002	22,504	15.6	19.6	13.6	51.2
Dec 2009	753	45,698	7,101	8,199	6,009	24,389	15.5	17.9	13.1	53.4

Some data for December 2008 and June 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 December 31, 2009

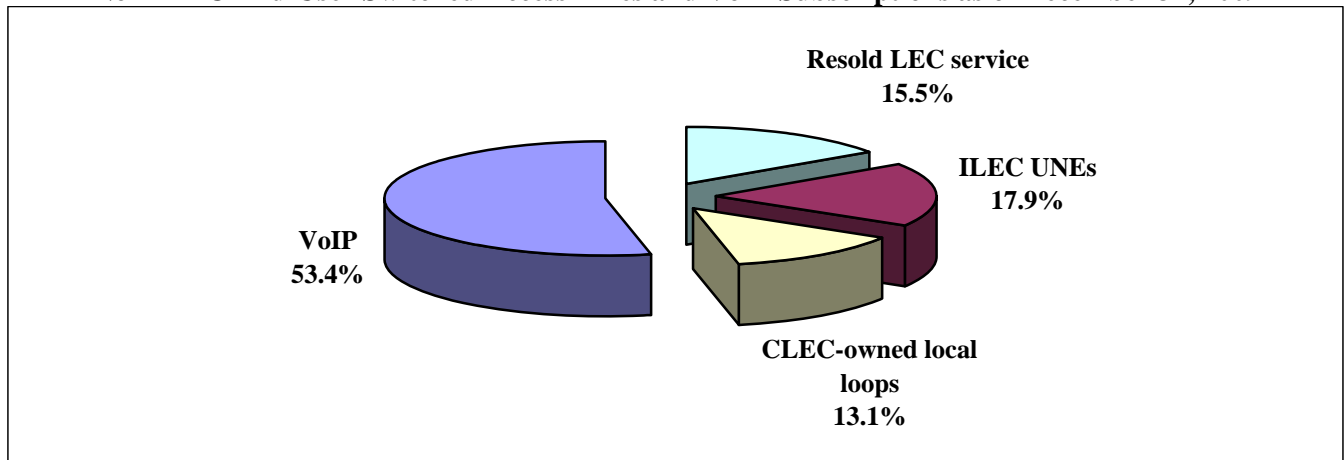


Table 4

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		
Dec 1999	168	187,190	181,203	-	4,494	1,004	489	1,493	5,987	3.2 %
Jun 2000	159	188,058	179,679	-	5,098	1,696	1,616	3,312	8,409	4.5
Dec 2000	166	188,223	177,561	-	5,388	2,436	2,838	5,274	10,662	5.7
Jun 2001	156	187,092	174,752	-	4,417	3,161	4,761	7,922	12,340	6.6
Dec 2001	164	185,391	171,917	-	4,014	3,679	5,781	9,460	13,474	7.3
Jun 2002	166	182,345	167,330	-	3,475	4,061	7,478	11,540	15,015	8.2
Dec 2002	174	181,616	164,386	-	2,743	4,259	10,227	14,487	17,229	9.5
Jun 2003	181	177,770	158,275	-	2,232	4,227	13,036	17,263	19,495	11.0
Dec 2003	185	174,453	153,158	-	1,833	4,287	15,176	19,463	21,296	12.2
Jun 2004	185	171,050	147,993	-	1,600	4,322	17,136	21,458	23,057	13.5
Dec 2004	190	167,063	144,810	-	1,490	4,217	16,546	20,763	22,253	13.3
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	116,474	105,826	1,592	2,993	3,668	2,396	6,063	9,056	7.8

Some data for December 2008 and June 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

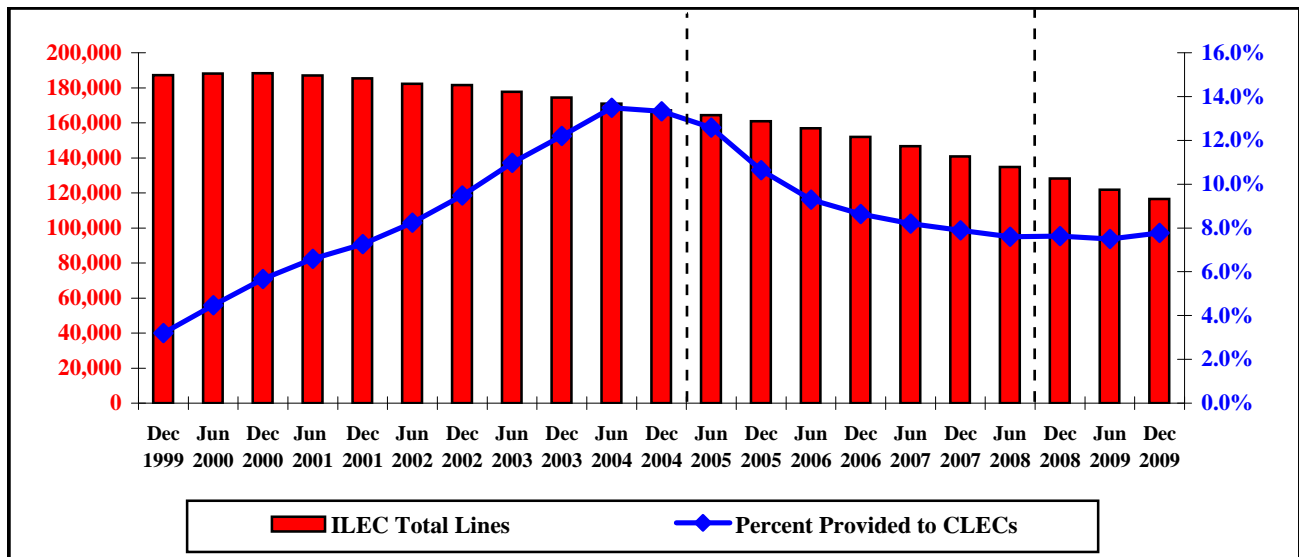


Table 5
End-User Switched Access Lines and VoIP Subscriptions
by Type of Technology for Non-ILEC Providers¹
(In Thousands)

Date	Coaxial Cable ²	Other Technology	Total	Percent Coaxial Cable
Dec 1999	308	7,886	8,194	3.8 %
Jun 2000	614	10,943	11,557	5.3
Dec 2000	1,125	13,746	14,871	7.6
Jun 2001	1,876	15,399	17,275	10.9
Dec 2001	2,246	17,408	19,653	11.4
Jun 2002	2,597	19,048	21,645	12.0
Dec 2002	3,071	21,793	24,864	12.4
Jun 2003	3,123	23,863	26,985	11.6
Dec 2003	3,301	26,474	29,775	11.1
Jun 2004	3,338	28,696	32,034	10.4
Dec 2004	3,706	29,175	32,881	11.3
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	20,114	23,660	43,774	45.9
Jun 2009	21,547	22,429	43,976	49.0
Dec 2009	23,182	22,516	45,698	50.7

Some data for December 2008 and June 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)

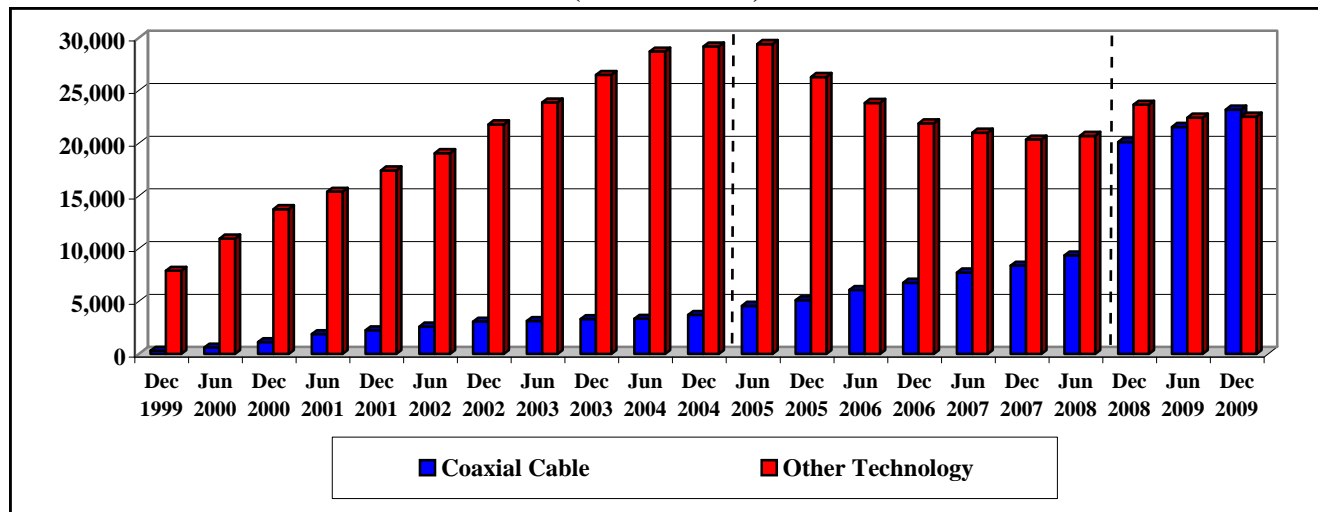


Table 6
Percentage of Switched Access Lines Presubscribed for Long Distance Service

	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Jun 2005	52%	49%	51%	80%	56%
Dec 2005	56	57	56	88	60
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
Business					
Jun 2005	45	30	43	69	50
Dec 2005	34	39	34	71	44
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	73	51
Dec 2009	43	48	43	71	51
Total					
Jun 2005	50	44	49	74	54
Dec 2005	48	52	49	79	54
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

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

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

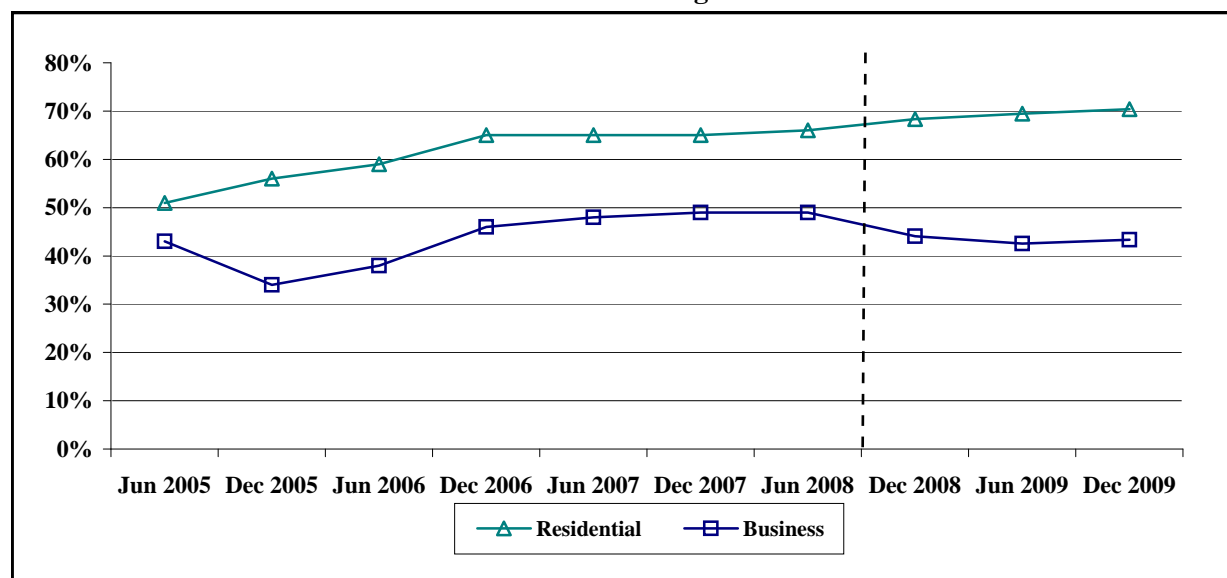


Table 7
Residential and Business Presubscribed Switched Access Lines
(In Thousands)

	December 31, 2009				
	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Presubscribed	35,363	9,415	44,778	3,813	48,591
Not Presubscribed	14,402	4,452	18,854	1,200	20,054
All Lines	49,765	13,868	63,632	5,013	68,646
Percent Presubscribed	71%	68%	70%	76%	71%
Business					
Presubscribed	15,389	2,895	18,283	11,636	29,919
Not Presubscribed	20,757	3,153	23,910	4,661	28,571
All Lines	36,146	6,048	42,194	16,297	58,490
Percent Presubscribed	43%	48%	43%	71%	51%
Total					
Presubscribed	50,752	12,310	63,062	15,449	78,510
Not Presubscribed	35,159	7,605	42,764	5,861	48,625
All Lines	85,910	19,915	105,826	21,310	127,136
Percent Presubscribed	59%	62%	60%	72%	62%
	June 30, 2009				
	RBOC	Other ILEC	ILEC Total	CLEC	Total
Residential					
Presubscribed	37,634	9,575	47,209	4,082	51,291
Not Presubscribed	15,856	4,919	20,775	1,026	21,802
All Lines	53,490	14,494	67,984	5,109	73,093
Percent Presubscribed	70%	66%	69%	80%	70%
Business					
Presubscribed	15,595	3,049	18,644	11,889	30,533
Not Presubscribed	21,961	3,201	25,162	4,475	29,636
All Lines	37,557	6,249	43,806	16,363	60,169
Percent Presubscribed	42%	49%	43%	73%	51%
Total					
Presubscribed	53,229	12,624	65,853	15,971	81,824
Not Presubscribed	37,818	8,120	45,937	5,501	51,438
All Lines	91,047	20,743	111,790	21,472	133,262
Percent Presubscribed	58%	61%	59%	74%	61%

Some data for June 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 December 31, 2009
(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	1,575	#	4	1,579	274	61	167	502	2,081	24%
Alaska	273	0	0	273	*	1	*	*	*	*
American Samoa	10	0	0	10	0	0	0	0	10	0
Arizona	1,649	#	1	1,650	844	80	261	1,184	2,834	40
Arkansas	925	0	16	941	115	21	89	224	1,165	18
California	14,576	1	255	14,832	2,261	368	2,102	4,731	19,564	23
Colorado	1,656	0	0	1,656	366	88	376	830	2,487	32
Connecticut	1,338	#	52	1,390	225	54	399	678	2,068	30
Delaware	343	#	2	345	67	*	*	163	508	31
District of Columbia	695	#	18	713	130	14	48	192	904	20
Florida	6,432	#	98	6,531	1,067	398	1,405	2,869	9,400	28
Georgia	3,135	#	22	3,156	550	159	461	1,169	4,326	25
Guam	49	0	0	49	*	*	*	*	*	*
Hawaii	472	#	#	473	43	*	*	125	597	19
Idaho	514	#	#	515	73	10	39	122	637	17
Illinois	4,684	#	169	4,854	642	233	754	1,629	6,482	24
Indiana	2,242	#	70	2,312	245	85	261	591	2,903	19
Iowa	1,024	#	#	1,024	194	109	26	330	1,354	22
Kansas	841	0	19	860	225	27	156	408	1,268	31
Kentucky	1,350	0	2	1,352	246	25	249	520	1,872	27
Louisiana	1,486	0	3	1,489	284	45	208	538	2,027	24
Maine	482	0	0	482	141	13	119	273	755	30
Maryland	2,398	#	32	2,430	464	99	344	906	3,336	26
Massachusetts	2,231	#	25	2,256	740	139	768	1,646	3,902	40
Michigan	2,981	#	139	3,121	493	206	788	1,487	4,608	30
Minnesota	1,725	0	#	1,725	524	84	296	903	2,628	32
Mississippi	878	0	1	879	125	18	71	213	1,092	17
Missouri	2,215	0	44	2,259	266	72	215	553	2,812	20
Montana	351	0	#	351	42	8	54	104	456	23
Nebraska	543	0	#	543	249	15	68	332	875	38
Nevada	851	#	6	857	138	59	214	411	1,268	32
New Hampshire	385	0	0	385	153	38	182	373	759	49
New Jersey	3,273	1	50	3,324	757	128	1,115	2,000	5,324	38
New Mexico	682	0	0	682	71	15	52	137	819	17
New York	5,887	1	67	5,955	1,981	181	2,600	4,762	10,717	44
North Carolina	3,179	#	18	3,198	440	102	646	1,188	4,385	27
North Dakota	224	0	0	224	80	2	41	123	347	35
Northern Mariana Isl.	16	0	0	16	0	0	0	0	16	0
Ohio	3,839	1	80	3,920	658	82	840	1,579	5,499	29
Oklahoma	1,101	0	16	1,117	313	44	212	569	1,686	34
Oregon	1,139	#	3	1,142	255	54	267	577	1,719	34
Pennsylvania	4,765	1	26	4,792	1,186	210	818	2,213	7,005	32
Puerto Rico	610	0	0	610	*	*	90	170	779	22
Rhode Island	270	#	1	270	234	*	*	310	580	53
South Carolina	1,480	#	10	1,490	267	48	215	530	2,021	26
South Dakota	233	0	0	233	72	*	*	121	354	34
Tennessee	2,053	0	8	2,061	358	68	341	767	2,829	27
Texas	7,787	#	244	8,031	1,121	205	1,028	2,353	10,384	23
Utah	690	0	0	690	186	32	131	349	1,039	34
Vermont	280	0	0	280	51	*	*	101	382	27
Virgin Islands	57	0	0	57	0	*	0	*	*	*
Virginia	3,045	#	31	3,076	1,055	129	369	1,552	4,629	34
Washington	2,069	#	5	2,074	378	111	594	1,083	3,157	34
West Virginia	637	#	1	638	123	16	95	234	871	27
Wisconsin	2,005	#	48	2,054	329	62	376	767	2,821	27
Wyoming	190	0	#	190	12	6	36	54	244	22
Nationwide	105,826	8	1,584	107,418	21,310	4,099	20,290	45,698	153,117	30

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

Table 9
Residential End-User Switched Access Lines and VoIP Subscriptions by State as of December 31, 2009
(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	1,045	0	3	1,048	97	58	131	286	1,334	19%
Alaska	138	0	0	138	*	1	*	*	*	*
American Samoa	5	0	0	5	0	0	0	0	5	0
Arizona	1,001	#	0	1,001	483	66	198	748	1,749	41
Arkansas	587	0	16	603	20	18	73	112	715	14
California	8,213	1	178	8,393	657	305	1,613	2,575	10,968	22
Colorado	1,054	0	0	1,054	19	75	307	402	1,455	26
Connecticut	781	#	49	830	56	46	226	327	1,157	34
Delaware	205	#	#	205	8	*	*	100	305	31
District of Columbia	143	#	0	143	15	11	28	55	198	25
Florida	3,949	#	43	3,992	115	346	1,288	1,750	5,742	27
Georgia	1,840	#	10	1,850	122	145	390	657	2,506	24
Guam	27	0	0	27	*	*	*	*	*	*
Hawaii	264	0	0	264	#	*	*	79	343	22
Idaho	329	#	#	329	23	9	32	63	392	14
Illinois	2,531	#	108	2,639	84	214	639	937	3,575	25
Indiana	1,401	#	52	1,454	72	80	244	397	1,851	19
Iowa	688	#	#	688	89	108	6	203	891	21
Kansas	479	0	18	496	107	22	129	259	755	33
Kentucky	844	0	1	846	137	21	241	399	1,245	30
Louisiana	900	0	2	902	122	41	183	346	1,248	25
Maine	355	0	0	355	16	12	114	141	495	26
Maryland	1,352	#	1	1,354	94	89	313	496	1,850	26
Massachusetts	1,273	#	2	1,274	74	125	700	900	2,174	39
Michigan	1,642	#	119	1,761	157	192	726	1,075	2,837	36
Minnesota	1,196	0	#	1,196	103	79	240	423	1,619	24
Mississippi	545	0	#	545	56	16	68	140	685	16
Missouri	1,415	0	40	1,455	45	68	180	293	1,748	17
Montana	227	0	#	227	15	7	47	69	296	23
Nebraska	307	0	0	307	109	12	50	171	478	36
Nevada	490	#	4	495	6	52	181	239	734	33
New Hampshire	265	0	0	265	6	34	170	210	475	44
New Jersey	1,877	1	5	1,883	106	113	1,022	1,241	3,124	40
New Mexico	458	0	0	458	10	13	39	62	520	12
New York	3,414	1	2	3,417	297	148	2,409	2,854	6,271	46
North Carolina	1,995	#	4	1,999	59	90	622	771	2,770	28
North Dakota	151	0	0	151	46	2	35	83	235	35
Northern Mariana Isl.	8	0	0	8	0	0	0	0	8	0
Ohio	2,374	1	61	2,435	226	65	792	1,082	3,518	31
Oklahoma	683	0	15	698	159	37	176	372	1,069	35
Oregon	777	#	0	778	19	48	235	302	1,080	28
Pennsylvania	3,195	1	#	3,197	164	186	745	1,095	4,291	26
Puerto Rico	457	0	0	457	*	*	85	99	556	18
Rhode Island	167	#	#	167	121	*	*	182	349	52
South Carolina	974	#	3	976	73	42	196	312	1,288	24
South Dakota	146	0	0	146	45	*	*	85	231	37
Tennessee	1,348	0	5	1,353	84	62	287	432	1,786	24
Texas	4,602	#	188	4,791	182	175	932	1,289	6,080	21
Utah	440	0	0	440	22	28	111	161	601	27
Vermont	198	0	0	198	9	*	*	57	255	22
Virgin Islands	38	0	0	38	0	*	0	*	*	*
Virginia	1,731	#	#	1,731	266	112	315	693	2,425	29
Washington	1,341	#	0	1,341	37	102	540	679	2,020	34
West Virginia	480	#	0	480	14	14	92	120	599	20
Wisconsin	1,189	#	42	1,231	75	55	344	474	1,705	28
Wyoming	100	0	#	100	4	5	33	43	142	30
Nationwide	63,632	8	975	64,615	5,013	3,618	17,806	26,438	91,052	29

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

Table 10
Business End-User Switched Access Lines and VoIP Subscriptions by State as of December 31, 2009
(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	530	#	1	531	177	3	36	216	747	26%
Alaska	135	0	0	135	*	#	*	*	*	*
American Samoa	5	0	0	5	0	0	0	0	5	0
Arizona	648	0	1	649	360	14	63	437	1,085	38
Arkansas	338	0	#	339	94	2	15	112	451	26
California	6,363	0	77	6,440	1,603	63	490	2,156	8,596	24
Colorado	602	0	0	602	347	13	69	429	1,031	39
Connecticut	558	0	3	560	169	8	173	351	911	25
Delaware	139	0	2	140	58	*	*	63	204	31
District of Columbia	552	0	18	569	115	3	19	137	706	19
Florida	2,484	0	55	2,538	951	52	116	1,120	3,658	30
Georgia	1,295	0	12	1,307	428	14	70	513	1,819	26
Guam	22	0	0	22	*	0	*	*	*	*
Hawaii	208	#	#	209	43	*	*	45	254	16
Idaho	185	#	#	186	51	2	7	59	245	23
Illinois	2,153	0	62	2,215	558	19	115	692	2,907	22
Indiana	841	#	17	858	173	5	16	194	1,052	18
Iowa	336	#	#	336	105	1	20	126	463	25
Kansas	362	0	1	364	118	5	26	149	513	29
Kentucky	506	0	#	507	109	4	9	121	628	20
Louisiana	586	0	1	587	163	4	25	192	779	24
Maine	127	0	0	127	126	1	5	132	259	41
Maryland	1,046	0	30	1,076	370	10	30	410	1,486	26
Massachusetts	958	0	24	982	665	13	68	746	1,728	42
Michigan	1,339	0	21	1,360	336	14	62	412	1,771	21
Minnesota	529	0	#	529	420	5	55	480	1,009	44
Mississippi	333	0	#	334	69	1	3	73	407	18
Missouri	800	0	3	803	221	4	35	260	1,064	24
Montana	124	0	0	124	28	1	7	35	159	22
Nebraska	237	0	#	237	140	3	18	161	398	41
Nevada	361	0	1	362	132	7	32	172	534	32
New Hampshire	120	0	0	120	147	3	12	163	283	58
New Jersey	1,396	0	45	1,441	651	15	93	758	2,200	34
New Mexico	224	0	0	224	61	1	13	76	299	25
New York	2,473	0	65	2,537	1,684	33	191	1,909	4,446	43
North Carolina	1,185	0	14	1,199	382	11	24	417	1,616	26
North Dakota	73	0	0	73	34	#	6	40	112	35
Northern Mariana Isl.	9	0	0	9	0	0	0	0	9	0
Ohio	1,465	0	19	1,484	432	17	48	497	1,981	25
Oklahoma	418	0	1	419	154	8	36	198	616	32
Oregon	362	0	3	365	237	6	33	275	640	43
Pennsylvania	1,570	0	25	1,595	1,022	24	72	1,118	2,714	41
Puerto Rico	153	0	0	153	*	*	5	70	223	32
Rhode Island	103	0	1	103	113	*	*	128	232	55
South Carolina	507	0	7	514	193	6	19	219	733	30
South Dakota	87	0	0	87	27	*	*	37	123	30
Tennessee	705	0	3	708	275	6	54	335	1,043	32
Texas	3,184	#	55	3,239	938	30	96	1,064	4,303	25
Utah	250	0	0	250	164	4	20	188	438	43
Vermont	82	0	0	82	42	*	*	45	127	35
Virgin Islands	19	0	0	19	0	*	0	*	*	*
Virginia	1,314	0	31	1,345	789	16	54	859	2,204	39
Washington	728	0	5	733	341	10	54	404	1,137	36
West Virginia	157	0	1	158	109	2	3	114	272	42
Wisconsin	817	0	6	823	254	7	32	293	1,116	26
Wyoming	90	0	#	90	8	#	4	12	102	11
Nationwide	42,194	#	610	42,803	16,297	481	2,483	19,261	62,064	31

= 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	2005		2006		2007		2008		2009	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	16 %	15 %	16 %	13 %	13 %	14 %	16 %	21 %	21 %	24 %
Alaska	*	*	26	*	*	*	*	*	*	*
American Samoa	0	0	0	0	0	0	0	0	0	0
Arizona	27	30	30	32	33	34	37	40	40	40
Arkansas	13	11	12	13	14	14	14	18	18	18
California	18	13	13	14	14	14	15	22	23	23
Colorado	17	20	19	17	17	16	19	31	32	32
Connecticut	14	11	12	12	13	14	15	29	30	30
Delaware	20	20	18	18	19	17	18	30	31	31
District of Columbia	20	17	14	14	14	14	15	20	20	20
Florida	16	17	15	13	13	13	14	27	28	28
Georgia	21	18	19	14	16	16	17	25	25	25
Guam	NA	0	0	0	0	*	*	*	*	*
Hawaii	6	7	9	11	13	16	18	18	19	19
Idaho	10	10	11	10	11	11	11	17	17	17
Illinois	20	15	15	15	14	14	14	24	24	24
Indiana	14	10	10	10	9	9	11	18	19	19
Iowa	14	14	15	16	17	18	19	22	22	22
Kansas	25	21	24	23	25	26	28	31	31	31
Kentucky	14	15	16	15	16	19	18	25	27	27
Louisiana	19	17	18	16	17	18	21	23	24	24
Maine	20	20	16	16	17	20	24	30	32	30
Maryland	18	18	16	15	15	14	15	25	26	26
Massachusetts	25	25	24	24	23	24	25	39	40	40
Michigan	25	19	18	17	18	19	20	29	30	30
Minnesota	21	24	23	22	24	23	22	31	32	32
Mississippi	14	12	13	10	10	10	11	16	17	17
Missouri	14	11	13	13	14	14	15	17	18	20
Montana	8	10	12	14	16	18	19	21	22	23
Nebraska	25	26	27	28	29	30	31	34	35	38
Nevada	13	13	17	15	24	22	26	30	31	32
New Hampshire	25	25	24	23	23	23	25	42	44	49
New Jersey	22	21	17	18	17	17	18	34	36	38
New Mexico	8	7	8	8	8	8	9	14	15	17
New York	30	31	27	27	28	29	31	41	43	44
North Carolina	13	15	16	16	18	19	20	24	25	27
North Dakota	20	19	20	21	21	22	24	32	31	35
Northern Mariana Isl.	NA	0	0	0	0	0	0	0	0	0
Ohio	15	15	15	16	18	20	23	25	26	29
Oklahoma	18	18	20	21	23	25	27	30	30	34
Oregon	13	19	16	17	18	18	18	31	32	34
Pennsylvania	23	23	20	19	20	20	21	29	30	32
Puerto Rico	*	*	*	*	*	*	19	22	25	22
Rhode Island	40	42	43	46	47	48	50	52	52	53
South Carolina	13	13	15	14	16	17	19	22	24	26
South Dakota	30	33	33	30	30	31	32	36	36	34
Tennessee	16	17	18	15	16	17	18	25	25	27
Texas	19	16	16	17	16	17	18	21	22	23
Utah	23	22	24	21	22	20	21	26	32	34
Vermont	14	12	12	12	12	12	13	23	23	27
Virgin Islands	*	*	*	0	0	0	0	*	#	*
Virginia	21	22	21	22	22	23	23	30	32	34
Washington	14	14	14	14	15	14	16	30	31	34
West Virginia	12	12	12	13	13	14	16	21	24	27
Wisconsin	19	18	19	20	21	23	24	25	26	27
Wyoming	11	12	14	15	17	18	19	20	21	22
Nationwide	19 %	18 %	17 %	17 %	18 %	18 %	19 %	27 %	28 %	30 %

= Rounds to zero. * = Data withheld to maintain firm confidentiality. NA = Not available. Some data for December 2008 and June 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	2005		2006		2007		2008		2009	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	394	359	366	301	298	315	352	460	449	502
Alaska	*	*	116	*	*	*	*	*	*	*
American Samoa	0	0	0	0	0	0	0	0	0	0
Arizona	865	979	970	1,018	1,043	1,071	1,129	1,218	1,156	1,184
Arkansas	182	152	163	166	178	173	175	223	222	224
California	4,030	3,023	2,900	3,046	2,898	2,984	3,101	4,536	4,674	4,731
Colorado	497	591	529	452	425	395	449	838	815	830
Connecticut	316	251	262	261	261	265	291	625	640	678
Delaware	122	118	102	100	99	85	85	164	164	163
District of Columbia	223	173	145	144	137	131	136	182	181	192
Florida	1,745	1,869	1,618	1,340	1,298	1,265	1,276	2,690	2,680	2,869
Georgia	1,032	886	909	655	730	725	764	1,157	1,109	1,169
Guam	0	0	0	0	0	*	*	*	*	*
Hawaii	38	49	61	74	88	103	115	114	116	125
Idaho	77	76	81	76	78	75	79	122	115	122
Illinois	1,602	1,136	1,139	1,075	950	909	875	1,646	1,590	1,629
Indiana	493	360	338	335	293	284	313	559	557	591
Iowa	216	222	230	238	251	269	273	307	309	330
Kansas	362	301	347	327	349	358	375	417	411	408
Kentucky	302	306	337	313	328	371	331	493	506	520
Louisiana	460	365	394	358	363	383	449	488	503	538
Maine	169	164	135	123	135	150	181	231	248	273
Maryland	717	691	591	552	527	475	479	854	886	906
Massachusetts	1,089	1,037	979	928	865	844	871	1,590	1,593	1,646
Michigan	1,483	1,049	993	883	923	893	927	1,442	1,433	1,487
Minnesota	643	724	676	641	659	613	572	873	858	903
Mississippi	175	156	161	125	125	112	122	182	182	213
Missouri	452	369	426	403	436	448	471	519	514	553
Montana	43	52	62	72	82	93	96	101	102	104
Nebraska	228	237	244	249	258	265	274	298	301	332
Nevada	185	182	246	219	356	307	372	414	405	411
New Hampshire	218	209	196	182	171	165	167	343	347	373
New Jersey	1,389	1,283	994	977	897	859	866	1,925	1,984	2,000
New Mexico	76	65	77	75	77	73	75	121	126	137
New York	3,575	3,553	3,043	2,942	2,868	2,941	3,125	4,511	4,632	4,762
North Carolina	627	749	798	768	846	888	953	1,084	1,122	1,188
North Dakota	69	67	68	70	71	71	76	113	104	123
Northern Mariana Isl.	0	0	0	0	0	0	0	0	0	0
Ohio	981	953	963	962	1,069	1,171	1,365	1,463	1,437	1,579
Oklahoma	329	329	362	387	420	445	474	519	503	569
Oregon	260	375	306	318	325	308	300	571	558	577
Pennsylvania	1,878	1,892	1,572	1,437	1,521	1,407	1,423	2,186	2,172	2,213
Puerto Rico	*	*	*	*	*	*	186	210	234	170
Rhode Island	267	265	276	287	291	290	301	316	310	310
South Carolina	290	292	330	321	349	369	399	472	491	530
South Dakota	128	136	135	119	117	119	124	140	136	121
Tennessee	538	543	576	465	483	510	523	751	720	767
Texas	2,332	1,884	1,906	1,969	1,859	1,944	1,919	2,349	2,316	2,353
Utah	281	260	282	245	242	212	211	269	336	349
Vermont	61	51	49	48	47	47	47	88	90	101
Virgin Islands	*	*	*	0	0	0	0	*	#	*
Virginia	1,058	1,110	1,047	1,032	1,048	1,034	1,043	1,427	1,463	1,552
Washington	505	514	506	479	480	428	471	1,020	1,013	1,083
West Virginia	118	118	117	119	121	132	141	195	213	234
Wisconsin	645	588	612	653	684	709	744	765	750	767
Wyoming	30	34	39	44	46	48	51	54	53	54
Total	33,975	31,388	29,896	28,626	28,729	28,725	30,049	43,774	43,976	45,698

= Rounds to zero. * = Data withheld to maintain firm confidentiality. Some data for December 2008 and June 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	2005		2006		2007		2008		2009	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Alabama	2,024	2,024	1,979	2,016	1,982	1,991	1,861	1,746	1,665	1,579
Alaska	328	326	325	321	318	301	294	289	282	273
American Samoa	11	11	11	11	11	10	11	10	10	10
Arizona	2,326	2,295	2,227	2,175	2,109	2,035	1,943	1,847	1,741	1,650
Arkansas	1,216	1,215	1,193	1,164	1,132	1,105	1,069	1,021	982	941
California	18,945	19,631	19,479	18,926	18,485	17,864	17,149	16,345	15,555	14,832
Colorado	2,371	2,338	2,276	2,207	2,133	2,057	1,973	1,873	1,758	1,656
Connecticut	1,985	1,962	1,928	1,849	1,785	1,681	1,632	1,540	1,463	1,390
Delaware	479	467	468	450	432	414	396	380	363	345
District of Columbia	894	872	892	855	832	797	788	737	714	713
Florida	9,345	9,210	9,013	8,975	8,708	8,356	7,932	7,440	6,918	6,531
Georgia	3,972	3,970	3,844	4,045	3,957	3,824	3,675	3,468	3,304	3,156
Guam	0	67	68	68	67	66	62	54	51	49
Hawaii	644	627	608	584	562	541	516	512	489	473
Idaho	682	672	666	664	651	628	609	582	550	515
Illinois	6,214	6,497	6,354	6,154	5,976	5,773	5,562	5,342	5,086	4,854
Indiana	3,070	3,112	3,080	2,971	2,875	2,766	2,665	2,547	2,434	2,312
Iowa	1,356	1,325	1,302	1,273	1,245	1,200	1,162	1,113	1,077	1,024
Kansas	1,110	1,123	1,100	1,074	1,046	1,012	977	939	899	860
Kentucky	1,792	1,768	1,732	1,725	1,684	1,616	1,542	1,458	1,387	1,352
Louisiana	1,954	1,832	1,800	1,825	1,801	1,759	1,710	1,634	1,561	1,489
Maine	688	664	692	669	649	611	579	542	519	482
Maryland	3,173	3,097	3,166	3,079	2,984	2,886	2,792	2,588	2,520	2,430
Massachusetts	3,246	3,102	3,076	2,927	2,830	2,712	2,609	2,493	2,369	2,256
Michigan	4,411	4,609	4,491	4,303	4,118	3,895	3,719	3,514	3,323	3,121
Minnesota	2,385	2,319	2,273	2,210	2,137	2,078	2,006	1,922	1,826	1,725
Mississippi	1,117	1,114	1,089	1,108	1,091	1,035	1,018	963	922	879
Missouri	2,892	2,907	2,842	2,778	2,722	2,650	2,568	2,465	2,367	2,259
Montana	487	473	460	445	435	416	406	387	371	351
Nebraska	692	681	661	644	628	624	606	584	564	543
Nevada	1,252	1,246	1,233	1,200	1,158	1,106	1,042	972	911	857
New Hampshire	646	624	624	598	575	546	507	470	435	385
New Jersey	4,847	4,715	4,784	4,543	4,354	4,137	3,936	3,734	3,519	3,324
New Mexico	902	893	877	860	834	816	783	754	713	682
New York	8,292	8,020	8,297	7,900	7,417	7,068	6,902	6,557	6,234	5,955
North Carolina	4,239	4,142	4,060	4,067	3,973	3,847	3,715	3,519	3,335	3,198
North Dakota	280	279	272	267	261	253	248	241	233	224
Northern Mariana Isl.	0	23	21	21	19	18	18	17	17	16
Ohio	5,505	5,575	5,368	5,168	4,973	4,763	4,537	4,326	4,124	3,920
Oklahoma	1,535	1,521	1,470	1,425	1,375	1,321	1,267	1,215	1,169	1,117
Oregon	1,673	1,643	1,627	1,562	1,502	1,429	1,359	1,286	1,210	1,142
Pennsylvania	6,400	6,300	6,385	6,175	5,953	5,775	5,494	5,243	5,029	4,792
Puerto Rico	1,048	1,021	1,035	994	916	809	786	755	698	610
Rhode Island	394	369	363	340	327	312	302	292	281	270
South Carolina	1,895	1,939	1,908	1,909	1,866	1,798	1,728	1,629	1,561	1,490
South Dakota	297	279	280	278	276	268	261	251	244	233
Tennessee	2,727	2,718	2,676	2,695	2,618	2,537	2,436	2,297	2,170	2,061
Texas	9,730	10,036	9,958	9,738	9,608	9,329	9,020	8,673	8,307	8,031
Utah	917	924	915	894	864	844	811	776	725	690
Vermont	370	364	370	362	355	340	323	289	299	280
Virgin Islands	70	70	69	68	67	64	62	61	59	57
Virginia	3,925	3,834	3,844	3,734	3,642	3,540	3,422	3,265	3,160	3,076
Washington	3,137	3,063	2,994	2,868	2,762	2,643	2,509	2,367	2,211	2,074
West Virginia	891	876	852	828	806	780	752	714	677	638
Wisconsin	2,725	2,739	2,670	2,605	2,516	2,422	2,336	2,246	2,156	2,054
Wyoming	249	252	245	238	233	225	218	209	200	190
Total	143,758	143,773	142,293	138,834	134,640	129,693	124,606	118,496	112,748	107,418

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

¹ See footnote 1, Table 1.

Table 14
Non-ILEC Methods of Providing Wireline Telephone Services by State
as of December 31, 2009
(In Thousands)

State	Resold LEC service	ILEC UNEs	CLEC-owned local loops	VoIP Subscriptions ¹	Total
Alabama	75	128	71	227	502
Alaska	*	*	*	*	*
American Samoa	0	0	0	0	0
Arizona	156	122	565	341	1,184
Arkansas	13	37	65	109	224
California	903	603	756	2,471	4,731
Colorado	155	161	50	464	830
Connecticut	44	79	103	453	678
Delaware	*	34	*	96	163
District of Columbia	61	31	38	61	192
Florida	403	517	146	1,802	2,869
Georgia	138	300	112	619	1,169
Guam	*	*	*	*	*
Hawaii	24	4	15	82	125
Idaho	20	29	25	49	122
Illinois	208	338	95	987	1,629
Indiana	55	108	82	346	591
Iowa	55	49	91	136	330
Kansas	54	61	109	183	408
Kentucky	63	79	103	274	520
Louisiana	78	100	107	253	538
Maine	26	67	48	132	273
Maryland	282	147	34	443	906
Massachusetts	314	278	148	906	1,646
Michigan	65	381	47	994	1,487
Minnesota	124	264	136	380	903
Mississippi	71	45	9	88	213
Missouri	72	144	50	287	553
Montana	9	10	23	62	104
Nebraska	50	8	191	83	332
Nevada	69	48	21	273	411
New Hampshire	45	82	26	220	373
New Jersey	396	225	136	1,243	2,000
New Mexico	34	18	19	67	137
New York	782	754	444	2,781	4,762
North Carolina	146	188	106	747	1,188
North Dakota	5	9	66	43	123
Northern Mariana Isl.	0	0	0	0	0
Ohio	128	247	283	922	1,579
Oklahoma	90	62	162	256	569
Oregon	75	155	26	322	577
Pennsylvania	380	492	314	1,027	2,213
Puerto Rico	37	*	*	*	170
Rhode Island	34	29	170	76	310
South Carolina	75	126	66	263	530
South Dakota	5	2	65	49	121
Tennessee	139	140	79	409	767
Texas	370	558	193	1,233	2,353
Utah	61	93	32	163	349
Vermont	13	27	10	51	101
Virgin Islands	0	0	0	*	*
Virginia	473	219	363	497	1,552
Washington	114	200	64	705	1,083
West Virginia	27	87	9	110	234
Wisconsin	40	251	38	438	767
Wyoming	4	6	3	42	54
Total	7,101	8,199	6,009	24,389	45,698

= Rounds to zero. * = 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 December 31, 2009

State	ILECs	Non-ILECs	Total
Alabama	66%	57%	64%
Alaska	51	*	*
American Samoa	50	NA	50
Arizona	61	63	62
Arkansas	64	50	61
California	57	54	56
Colorado	64	48	59
Connecticut	60	48	56
Delaware	59	61	60
District of Columbia	20	29	22
Florida	61	61	61
Georgia	59	56	58
Guam	55	*	*
Hawaii	56	63	57
Idaho	64	52	62
Illinois	54	58	55
Indiana	63	67	64
Iowa	67	62	66
Kansas	58	63	60
Kentucky	63	77	67
Louisiana	61	64	62
Maine	74	52	66
Maryland	56	55	55
Massachusetts	56	55	56
Michigan	56	72	62
Minnesota	69	47	62
Mississippi	62	66	63
Missouri	64	53	62
Montana	65	66	65
Nebraska	57	52	55
Nevada	58	58	58
New Hampshire	69	56	63
New Jersey	57	62	59
New Mexico	67	45	63
New York	57	60	59
North Carolina	63	65	63
North Dakota	67	67	68
Northern Mariana Isl.	50	NA	50
Ohio	62	69	64
Oklahoma	62	65	63
Oregon	68	52	63
Pennsylvania	67	49	61
Puerto Rico	75	58	71
Rhode Island	62	59	60
South Carolina	66	59	64
South Dakota	63	70	65
Tennessee	66	56	63
Texas	60	55	59
Utah	64	46	58
Vermont	71	56	67
Virgin Islands	67	*	*
Virginia	56	45	52
Washington	65	63	64
West Virginia	75	51	69
Wisconsin	60	62	60
Wyoming	53	80	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 December 31, 2009

State	ILECs	Non-ILECs	Total¹	VoIP Providers²
Alabama	22	102	124	68
Alaska	17	15	32	13
American Samoa	1	0	1	0
Arizona	16	96	112	77
Arkansas	20	68	88	47
California	15	141	156	106
Colorado	26	97	123	77
Connecticut	2	75	77	60
Delaware	1	61	62	44
District of Columbia	1	79	80	58
Florida	11	185	196	114
Georgia	27	143	170	96
Guam	1	4	5	3
Hawaii	2	32	34	29
Idaho	21	59	80	46
Illinois	45	147	192	98
Indiana	30	110	140	68
Iowa	135	96	231	45
Kansas	38	88	126	54
Kentucky	17	114	131	68
Louisiana	11	90	101	54
Maine	7	50	57	33
Maryland	2	103	105	73
Massachusetts	4	97	101	72
Michigan	27	110	137	73
Minnesota	51	105	156	64
Mississippi	13	84	97	54
Missouri	32	94	126	63
Montana	18	52	70	35
Nebraska	32	65	97	45
Nevada	13	77	90	60
New Hampshire	6	72	78	53
New Jersey	3	117	120	81
New Mexico	17	67	84	42
New York	25	141	166	97
North Carolina	17	125	142	84
North Dakota	22	49	71	27
Northern Mariana Isl	1	0	1	0
Ohio	34	126	160	88
Oklahoma	39	84	123	56
Oregon	26	92	118	65
Pennsylvania	22	124	146	88
Puerto Rico	1	13	14	12
Rhode Island	1	55	56	42
South Carolina	17	110	127	67
South Dakota	28	48	76	31
Tennessee	18	112	130	76
Texas	52	164	216	102
Utah	12	69	81	51
Vermont	7	42	49	29
Virgin Islands	1	1	2	1
Virginia	15	112	127	88
Washington	18	105	123	78
West Virginia	7	61	68	47
Wisconsin	41	105	146	65
Wyoming	10	54	64	38
Nationwide	768	753	1,521	421

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 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	Dec 2009		Subscribers (In Thousands)									
	Carriers	% Resold ¹	2005		2006		2007		2008		2009	
		Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	
Alabama	13	9 %	2,874	3,105	3,276	3,375	3,605	3,765	3,887	3,960	4,003	4,228
Alaska	11	6	341	377	397	412	432	460	480	383	544	586
American Samoa	*	*	*	*	*	*	*	*	*	*	*	*
Arizona	11	5	3,543	3,844	4,153	4,405	4,637	4,800	4,936	4,983	5,005	5,101
Arkansas	8	10	1,681	1,781	1,924	2,044	2,149	2,288	2,446	2,530	2,576	2,519
California	15	7	24,572	25,537	27,497	29,717	30,204	32,247	31,946	32,177	32,215	32,938
Colorado	11	8	3,041	3,247	3,428	3,608	3,756	3,968	4,066	4,311	4,357	4,503
Connecticut	7	6	2,329	2,463	2,582	2,705	2,787	2,884	2,959	3,030	3,047	3,123
Delaware	8	6	585	618	650	683	724	751	775	778	779	803
District of Columbia	8	7	753	825	879	880	966	936	1,047	1,096	1,116	1,183
Florida	11	10	12,620	12,568	14,177	14,762	15,255	15,605	15,809	16,158	16,425	16,744
Georgia	14	7	6,001	6,079	6,865	7,282	7,598	7,941	8,142	8,322	8,562	8,863
Guam	*	*	*	*	*	*	*	*	*	*	*	*
Hawaii	7	3	934	983	1,010	1,035	1,067	1,096	1,115	1,184	1,196	1,216
Idaho	14	5	774	834	901	973	1,019	1,086	1,125	1,167	1,180	1,221
Illinois	14	7	8,227	8,655	9,148	9,589	9,949	10,330	10,634	10,919	11,070	11,523
Indiana	12	8	3,443	3,716	3,973	4,271	4,448	4,675	4,824	4,956	4,983	5,205
Iowa	71	7	1,634	1,811	1,867	2,010	2,058	2,166	2,245	2,319	2,336	2,432
Kansas	15	11	1,660	1,794	1,905	2,047	2,133	2,261	2,326	2,421	2,430	2,466
Kentucky	12	10	2,508	2,662	2,821	2,966	3,101	3,291	3,343	3,445	3,439	3,631
Louisiana	10	7	2,942	3,192	3,356	3,492	3,612	3,765	3,896	4,012	4,053	3,993
Maine	8	17	711	746	787	845	882	941	972	1,012	1,006	1,065
Maryland	10	5	3,968	4,239	4,471	4,691	4,818	5,024	5,124	5,234	5,260	5,338
Massachusetts	8	9	4,488	4,728	4,917	5,129	5,289	5,470	5,624	5,749	6,027	6,171
Michigan	12	12	6,230	6,604	6,863	7,094	7,333	7,608	7,821	8,027	8,171	8,576
Minnesota	11	6	3,132	3,380	3,543	3,702	3,834	4,048	4,164	4,345	4,254	4,439
Mississippi	10	7	1,631	1,821	1,923	2,030	2,070	2,196	2,252	2,312	2,361	2,345
Missouri	12	8	3,595	3,853	4,068	4,322	4,480	4,674	4,835	4,940	4,985	5,129
Montana	9	8	466	525	575	620	650	694	723	748	707	802
Nebraska	11	5	1,071	1,160	1,199	1,272	1,325	1,387	1,451	1,496	1,508	1,515
Nevada	12	8	1,605	1,777	1,883	1,990	2,093	2,167	2,249	2,268	2,325	2,393
New Hampshire	8	10	791	849	897	943	973	1,022	1,045	1,080	1,075	1,125
New Jersey	8	5	6,234	6,617	6,954	7,207	7,419	7,654	7,834	8,008	8,036	8,158
New Mexico	10	5	1,025	1,170	1,253	1,333	1,416	1,489	1,555	1,536	1,550	1,624
New York	11	10	12,996	13,805	14,574	15,262	15,901	16,395	17,260	16,702	18,193	18,882
North Carolina	12	9	5,503	5,792	6,209	6,627	6,962	7,306	7,428	8,024	8,193	8,108
North Dakota	9	6	368	432	457	473	492	513	541	581	562	618
Northern Mariana Isl.	*	*	*	*	*	*	*	*	*	*	*	*
Ohio	12	10	6,994	7,504	7,939	8,380	8,723	9,099	9,357	9,565	9,456	10,059
Oklahoma	17	6	2,002	2,189	2,317	2,480	2,572	2,723	2,808	2,889	2,988	3,077
Oregon	11	6	2,056	2,339	2,484	2,656	2,781	2,923	3,007	3,084	3,112	3,235
Pennsylvania	14	10	7,397	7,942	8,349	8,831	9,201	9,615	9,895	10,214	10,455	10,867
Puerto Rico	6	2	2,003	2,111	2,171	2,301	2,323	2,411	2,502	2,624	2,706	2,807
Rhode Island	7	6	689	749	765	798	829	848	874	888	880	893
South Carolina	13	8	2,607	2,784	3,001	3,209	3,340	3,500	3,573	3,323	3,374	3,896
South Dakota	8	7	434	481	514	548	570	596	611	631	613	681
Tennessee	13	10	4,066	4,417	4,731	5,127	4,971	5,246	5,791	5,518	5,676	5,914
Texas	26	6	14,424	15,644	16,928	17,822	18,792	19,677	20,390	21,008	21,403	21,849
Utah	13	5	1,414	1,530	1,649	1,775	1,874	1,971	2,046	2,095	2,109	2,166
Vermont	7	15	295	314	334	358	375	402	421	435	398	463
Virgin Islands	*	*	*	*	*	*	*	*	*	*	*	*
Virginia	10	8	4,851	5,073	5,325	5,607	6,148	6,416	6,242	6,856	6,596	7,250
Washington	11	6	4,062	4,249	4,495	4,799	5,035	5,292	5,461	5,624	5,671	5,816
West Virginia	11	16	821	858	965	1,040	1,095	1,173	1,236	1,295	1,315	1,386
Wisconsin	13	9	3,200	3,366	3,517	3,510	3,641	3,842	3,966	4,265	4,317	4,546
Wyoming	13	9	315	342	359	387	410	441	457	484	429	517
Nationwide	180	8 %	192,053	203,667	217,418	229,619	238,316	249,332	255,729	261,284	265,332	274,283

* = Data withheld to maintain firm confidentiality. Some data for December 2008 and June 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	2005		2006		2007		2008		2009	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Zero	17.4 %	18.4 %	17.7 %	17.7 %	17.7 %	19.4 %	18.3 %	7.7 %	8.7 %	9.3 %
One	10.5	11.4	11.3	11.1	11.1	11.7	11.6	9.2	10.1	10.1
Two	7.6	7.6	7.8	8.2	8.3	8.3	8.6	7.8	7.9	7.6
Three	6.0	6.2	6.2	6.7	6.7	6.2	6.3	6.4	6.1	6.2
Four	4.8	4.7	5.0	5.2	5.4	5.0	5.0	5.4	5.4	5.2
Five	4.2	4.1	4.2	4.4	4.4	3.9	4.1	4.8	4.6	4.5
Six	3.4	3.6	3.5	3.8	3.8	3.5	3.5	4.2	4.0	3.8
Seven	3.1	3.3	3.2	3.2	3.4	3.3	3.2	3.6	3.4	3.5
Eight	3.1	2.9	2.9	3.0	2.8	2.9	3.0	3.2	3.1	3.0
Nine	2.8	2.7	2.8	2.7	2.9	2.6	2.7	2.8	2.6	2.7
Ten or More	36.9	35.0	35.3	34.0	33.5	33.1	33.6	44.7	44.0	44.0

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

Number of Providers ²	2005		2006		2007		2008		2009	
	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec	Jun	Dec
Zero	2.2 %	2.4 %	2.3 %	2.4 %	2.4 %	2.8 %	2.6 %	0.4 %	0.5 %	0.6 %
One	2.1	2.3	2.4	2.5	2.4	2.6	2.4	0.9	1.2	1.2
Two	2.3	2.2	2.1	2.2	2.2	2.4	2.4	1.2	1.3	1.3
Three	2.2	2.3	2.2	2.4	2.3	2.5	2.4	1.3	1.4	1.4
Four	2.2	2.1	2.3	2.4	2.4	2.2	2.2	1.3	1.5	1.5
Five	2.2	2.2	2.0	2.4	2.5	2.2	2.2	1.6	1.4	1.5
Six	1.9	2.2	1.9	2.4	2.3	2.2	2.1	1.7	1.5	1.5
Seven	2.0	2.4	2.2	2.4	2.4	2.5	2.3	1.8	1.5	1.6
Eight	2.6	2.5	2.3	2.5	2.4	2.8	2.8	1.7	1.8	1.6
Nine	2.4	2.7	2.7	2.5	2.8	2.8	2.7	1.6	1.6	1.7
Ten or More	77.9	76.8	77.4	76.1	75.8	75.0	75.9	86.6	86.2	86.1

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.

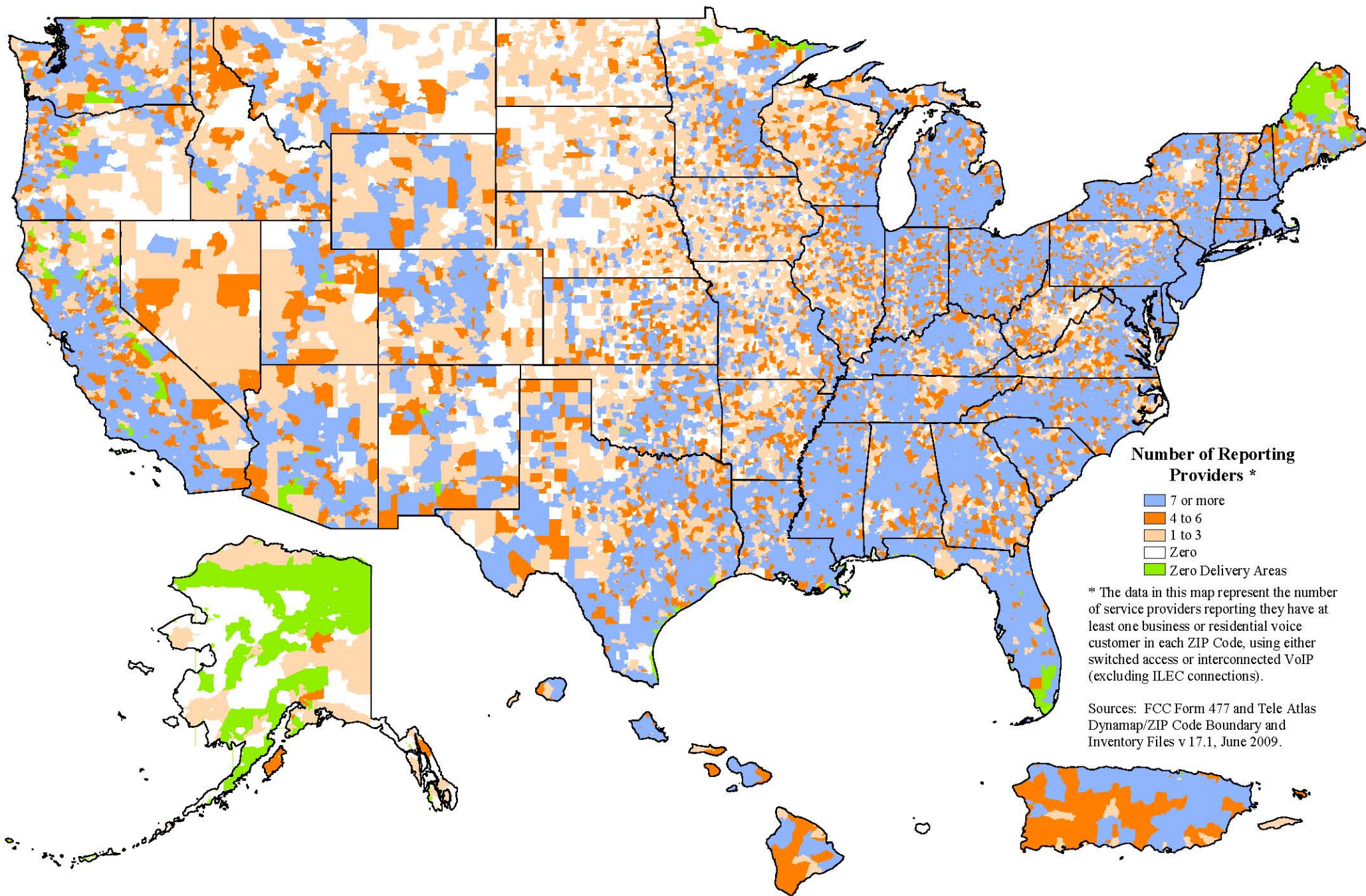
² A holding company or common-control entity that reports both CLEC end-user switched access lines and interconnected VoIP subscribers in a state reports a single list of ZIP Codes in which it has any such customers and is counted once in each listed ZIP Code.

Table 20
Percentage of ZIP Codes with CLECs or Non-ILEC VoIP Providers by State
as of December 31, 2009

State	Number of Providers								
	Zero	One - Three	Four	Five	Six	Seven	Eight	Nine	Ten or More
Alabama	6 %	16 %	5 %	4 %	4 %	4 %	2 %	1 %	56 %
Alaska	69	19	2	2	4	2	0	0	0
Arizona	6	16	6	4	2	2	3	2	59
Arkansas	18	43	6	5	4	4	2	2	16
California	2	13	3	4	3	3	3	2	66
Colorado	14	24	3	3	2	3	3	2	46
Connecticut	0	6	7	9	7	6	4	7	53
Delaware	0	3	3	3	3	3	2	3	78
District of Columbia	0	12	0	0	0	0	0	0	88
Florida	0	5	1	2	1	2	2	2	85
Georgia	4	19	5	4	3	3	4	2	55
Hawaii	0	22	7	10	10	10	6	1	34
Idaho	15	40	5	8	3	4	2	3	20
Illinois	7	31	8	6	3	3	2	2	37
Indiana	4	24	9	8	5	5	2	2	40
Iowa	23	49	5	4	2	2	1	1	12
Kansas	23	34	6	5	4	3	3	2	21
Kentucky	8	28	6	4	6	5	5	4	35
Louisiana	3	18	4	3	3	3	4	4	56
Maine	5	23	7	9	9	8	9	5	24
Maryland	1	4	4	4	4	4	4	5	69
Massachusetts	0	4	2	2	2	3	2	4	82
Michigan	1	13	5	5	6	5	5	4	56
Minnesota	17	34	4	4	4	3	2	2	30
Mississippi	1	12	4	5	5	4	5	4	60
Missouri	22	36	5	4	2	2	2	2	26
Montana	43	33	3	3	2	3	3	2	9
Nebraska	32	46	2	3	1	2	1	2	10
Nevada	9	21	5	5	2	4	1	3	50
New Hampshire	1	6	8	7	5	6	7	6	54
New Jersey	0	0	0	1	1	2	1	2	92
New Mexico	25	32	9	3	2	3	2	2	22
New York	1	13	5	3	5	4	4	4	61
North Carolina	2	18	6	8	4	4	3	3	53
North Dakota	43	45	3	2	1	0	0	0	5
Ohio	0	12	7	6	7	6	6	4	53
Oklahoma	18	31	5	4	3	2	2	2	34
Oregon	13	30	5	6	4	3	4	3	33
Pennsylvania	3	26	6	5	4	4	4	3	45
Puerto Rico	0	8	9	12	13	10	23	13	12
Rhode Island	1	9	5	4	5	4	8	3	60
South Carolina	2	14	6	2	3	3	3	5	62
South Dakota	40	45	3	3	1	2	1	1	4
Tennessee	5	18	4	4	3	4	2	4	56
Texas	8	22	4	3	3	2	2	2	54
Utah	7	32	7	2	4	4	1	1	41
Vermont	2	36	10	8	6	9	5	7	16
Virginia	9	29	7	6	4	4	3	3	36
Washington	6	28	4	3	3	2	3	3	49
West Virginia	12	38	13	7	6	4	2	3	13
Wisconsin	9	42	6	5	5	3	3	2	26
Wyoming	16	55	4	6	1	1	1	1	16
Nationwide	9 %	24 %	5 %	4 %	4 %	3 %	3 %	3 %	44 %

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

(As of December 31, 2009)



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

Customer Response

Publication: *Local Telephone Competition: Status as of December 31, 2009*

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"/> |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

4. How can this report be improved?

5. May we contact you to discuss possible improvements?

Name:

Telephone #:

To discuss the information in this report, contact: 202-418-0940 or for users of TTY equipment, call 202-418-0484		
Fax this response to	or	Mail this response to
202-418-0520		FCC/WCB/IATD, Mail Stop 1600 F Washington, DC 20554