

# (RETAIN FOR YOUR RECORDS) Form 477 Filing Summary

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**Filer Identification**

<b>Section</b>	<b>Question</b>	<b>Response</b>
	Provider Name	TDS TELECOMMUNICATIONS CORPORATION
	Holding Company Name	Telephone and Data Systems, Inc.
<b>Filer Information</b>	SAC ID	170183, 100007, 100010, 100011, 100024, 100031, 100034, 310738, 300662, 150133, 120050, 123321, 140058, 140061, 140062, 150089, 150092, 150114, 150118, 150129, 170206, 190217, 190253, 193029, 210338, 220338, 220346, 220351, 220375, 230469, 230498, 230500, 240533, 240535, 240544, 240551, 250284, 250311, 250314, 260411, 260412, 260417, 280448, 283301, 287449, 290559, 361433, 320816, 320829, 320830, 320837, 330844, 330849, 330851, 330856, 330859, 330880, 330881, 330909, 330914, 330915, 330917, 330930, 330943, 330945, 290575, 290578, 300585, 300607, 100005, 120045, 120047, 120049, 310672, 310677, 310685, 310726, 330875, 431984, 290566, 361507, 401698, 401699, 462207, 472230, 522404, 522427, 522430, 532377, 532404, 542321, 542322, 542323, 330952, 330954, 330955, 330958, 330963, 330968, 361350, 361362, 361413, 432010, 432034, 452171, 452174, 462184, 300613, 300645, 320744, 320776, 320777, 320778, 320788, 320809
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Section	Question	Response
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<b>Data Contact Information</b>	Data Contact Phone Number	(608) 664-7872
	Data Contact E-mail	pamela.trickel@tdstelecom.com
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<b>Emergency Operations Contact Information</b>	Emergency Operations Phone Number	(888) 790-1216
	Emergency Operations E-mail	telecom.network.management@tdstelecom.com
	Certifying Official Name	Kevin Hess
<b>Certifying Official Contact Information</b>	Certifying Official Phone Number	(608) 664-4160
	Certifying Official E-mail	kevin.hess@tdstelecom.com

## Data Submitted

Form Section	File Name	Date & Time	Number of Rows
Fixed Broadband Deployment	fixed_broadband_deploymentilec.csv	Aug 28, 2015 09:28:18	74853
Fixed Broadband Subscription	ilec_data.csv	Aug 28, 2015 10:47:09	6583
Fixed Voice Subscription	ilec_voice.csv	Aug 27, 2015 12:34:54	1285

## Fixed Broadband Deployment

### Census Block Counts by State, DBA Name and Technology

State	DBA Name	Technology	Blocks
Alabama	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
Arizona	TDS TELECOM	VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Arkansas	TDS TELECOM	VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
California	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		ADSL2	█
Colorado	TDS TELECOM	Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
Florida	TDS TELECOM	Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
Georgia	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
Idaho	TDS TELECOM	VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Indiana	TDS TELECOM	VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Kentucky	TDS TELECOM	Optical Carrier/Fiber to the End User	█
		VDSL	█
		ADSL2	█
Maine	TDS TELECOM	Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
Michigan	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█

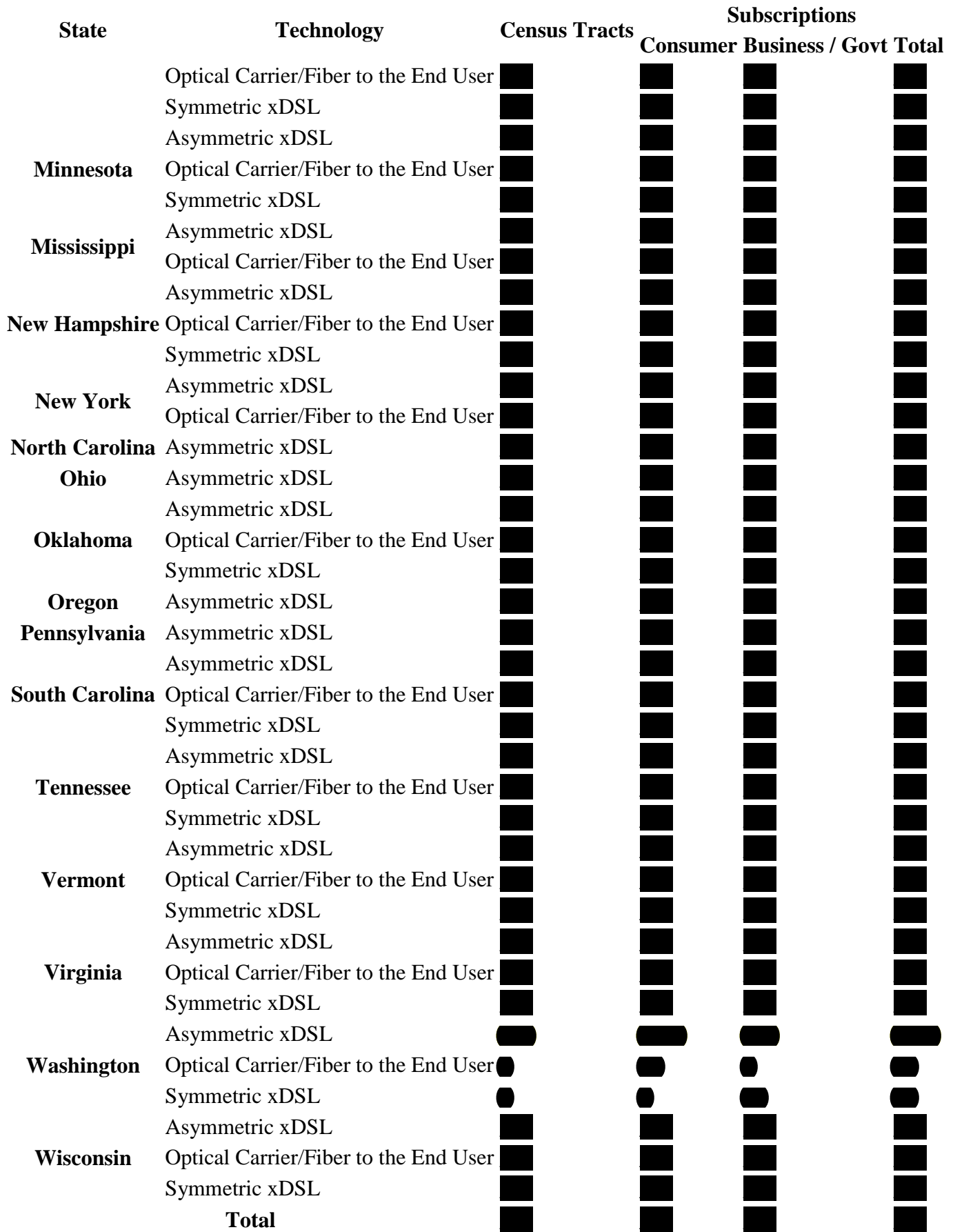
State	DBA Name	Technology	Blocks
Minnesota	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
Mississippi	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
New Hampshire	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
New York	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
North Carolina	TDS TELECOM	Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Ohio	TDS TELECOM	VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
		VDSL	█
Oklahoma	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
Oregon	TDS TELECOM	Asymmetric xDSL	█
		ADSL2	█
		Asymmetric xDSL	█
		ADSL2	█
Pennsylvania	TDS TELECOM	Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
South Carolina	TDS TELECOM	Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Tennessee	TDS TELECOM	Optical Carrier/Fiber to the End User	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Vermont	TDS TELECOM	Asymmetric xDSL	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
Virginia	TDS TELECOM	ADSL2	█
		Asymmetric xDSL	█

State	DBA Name	Technology	Blocks
Washington	TDS TELECOM	Optical Carrier/Fiber to the End User	█
		VDSL	█
		ADSL2	█
		Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
Wisconsin	TDS TELECOM	Asymmetric xDSL	█
		Optical Carrier/Fiber to the End User	█
		VDSL	█
		<b>Total</b>	█

## Fixed Broadband Subscription

### Fixed Broadband Subscriptions by State, Technology and End-user Type

State	Technology	Census Tracts	Subscriptions		
			Consumer	Business / Govt	Total
Alabama	Asymmetric xDSL	█	█	█	█
	Optical Carrier/Fiber to the End User	█	█	█	█
Arizona	Symmetric xDSL	█	█	█	█
	Asymmetric xDSL	█	█	█	█
Arkansas	Asymmetric xDSL	█	█	█	█
California	Asymmetric xDSL	█	█	█	█
Colorado	Asymmetric xDSL	█	█	█	█
	Asymmetric xDSL	█	█	█	█
	Optical Carrier/Fiber to the End User	█	█	█	█
Florida	Symmetric xDSL	█	█	█	█
	Asymmetric xDSL	█	█	█	█
Georgia	Optical Carrier/Fiber to the End User	█	█	█	█
	Symmetric xDSL	█	█	█	█
Idaho	Asymmetric xDSL	█	█	█	█
	Asymmetric xDSL	█	█	█	█
Indiana	Optical Carrier/Fiber to the End User	█	█	█	█
	Symmetric xDSL	█	█	█	█
Kentucky	Asymmetric xDSL	█	█	█	█
	Optical Carrier/Fiber to the End User	█	█	█	█
Maine	Symmetric xDSL	█	█	█	█
	Asymmetric xDSL	█	█	█	█
Michigan	Optical Carrier/Fiber to the End User	█	█	█	█
	Symmetric xDSL	█	█	█	█



**Fixed Broadband Subscriptions by Bandwidths and End-user Type**

Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
0.256	0.128	■	■	■
0.384	0.256	■	■	■
0.512	0.256	■	■	■
0.768	0.512	■	■	■
0.786	0.512	■	■	■
1.000	0.512	■	■	■
1.500	0.512	■	■	■
1.500	1.500	■	■	■
2.000	2.000	■	■	■
3.000	0.512	■	■	■
3.000	3.000	■	■	■
4.000	0.512	■	■	■
4.000	4.000	■	■	■
5.000	0.512	■	■	■
6.000	0.512	■	■	■
6.000	6.000	■	■	■
7.000	0.768	■	■	■
7.000	0.864	■	■	■
10.000	0.768	■	■	■
10.000	2.000	■	■	■
12.000	12.000	■	■	■
15.000	0.768	■	■	■
15.000	2.000	■	■	■
25.000	2.000	■	■	■
25.000	5.000	■	■	■
25.000	10.000	■	■	■
25.000	25.000	■	■	■
50.000	20.000	■	■	■
50.000	50.000	■	■	■
100.000	40.000	■	■	■
100.000	50.000	■	■	■
100.000	100.000	■	■	■
300.000	120.000	■	■	■
1000.000	400.000	■	■	■
	<b>Total</b>	■	■	■

**Fixed Broadband Subscriptions by Technology, Bandwidths and End-user Type**

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
Asymmetric xDSL	0.256	0.128	■	■	■
	0.384	0.256	■	■	■

Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	0.512	0.256	■	■	■
	0.768	0.512	■	■	■
	0.786	0.512	■	■	■
	1.000	0.512	■	■	■
	1.500	0.512	■	■	■
	3.000	0.512	■	■	■
	4.000	0.512	■	■	■
	5.000	0.512	■	■	■
	6.000	0.512	■	■	■
	7.000	0.768	■	■	■
	10.000	0.768	■	■	■
	15.000	0.768	■	■	■
	25.000	2.000	■	■	■
	25.000	5.000	■	■	■
	0.786	0.512	■	■	■
	1.000	0.512	■	■	■
	1.500	0.512	■	■	■
	2.000	2.000	■	■	■
	3.000	0.512	■	■	■
	4.000	0.512	■	■	■
	4.000	4.000	■	■	■
	5.000	0.512	■	■	■
	6.000	0.512	■	■	■
<b>Optical Carrier/Fiber to the End User</b>	7.000	0.864	■	■	■
	10.000	2.000	■	■	■
	15.000	2.000	■	■	■
	25.000	5.000	■	■	■
	25.000	10.000	■	■	■
	50.000	20.000	■	■	■
	100.000	40.000	■	■	■
	100.000	50.000	■	■	■
	300.000	120.000	■	■	■
	1000.000	400.000	■	■	■
	1.500	1.500	■	■	■
	2.000	2.000	■	■	■
	3.000	3.000	■	■	■
<b>Symmetric xDSL</b>	4.000	4.000	■	■	■
	6.000	6.000	■	■	■
	12.000	12.000	■	■	■
	25.000	25.000	■	■	■



Technology	Downstream Bandwidth (in Mbps)	Upstream Bandwidth (in Mbps)	Consumer	Business / Govt	Total
	50.000	50.000	■	■	■
	100.000	100.000	■	■	■
	<b>Total</b>		■	■	■

### Fixed Voice Subscription

#### VGE Lines and VoIP Subscriptions by State and End-user Type

State	Total VGE Lines	Consumer VGE Lines	Total VoIP Subscriptions	Consumer VoIP Subscriptions
Alabama	■	■	■	■
Arizona	■	■	■	■
Arkansas	■	■	■	■
California	■	■	■	■
Colorado	■	■	■	■
Florida	■	■	■	■
Georgia	■	■	■	■
Idaho	■	■	■	■
Indiana	■	■	■	■
Kentucky	■	■	■	■
Maine	■	■	■	■
Michigan	■	■	■	■
Minnesota	■	■	■	■
Mississippi	■	■	■	■
New Hampshire	■	■	■	■
New York	■	■	■	■
North Carolina	■	■	■	■
Ohio	■	■	■	■
Oklahoma	■	■	■	■
Oregon	■	■	■	■
Pennsylvania	■	■	■	■
South Carolina	■	■	■	■
Tennessee	■	■	■	■
Vermont	■	■	■	■
Virginia	■	■	■	■
Washington	■	■	■	●
Wisconsin	■	■	■	■
<b>Total</b>	■	■	■	■

### Fixed Voice Subscription (VGE Lines)

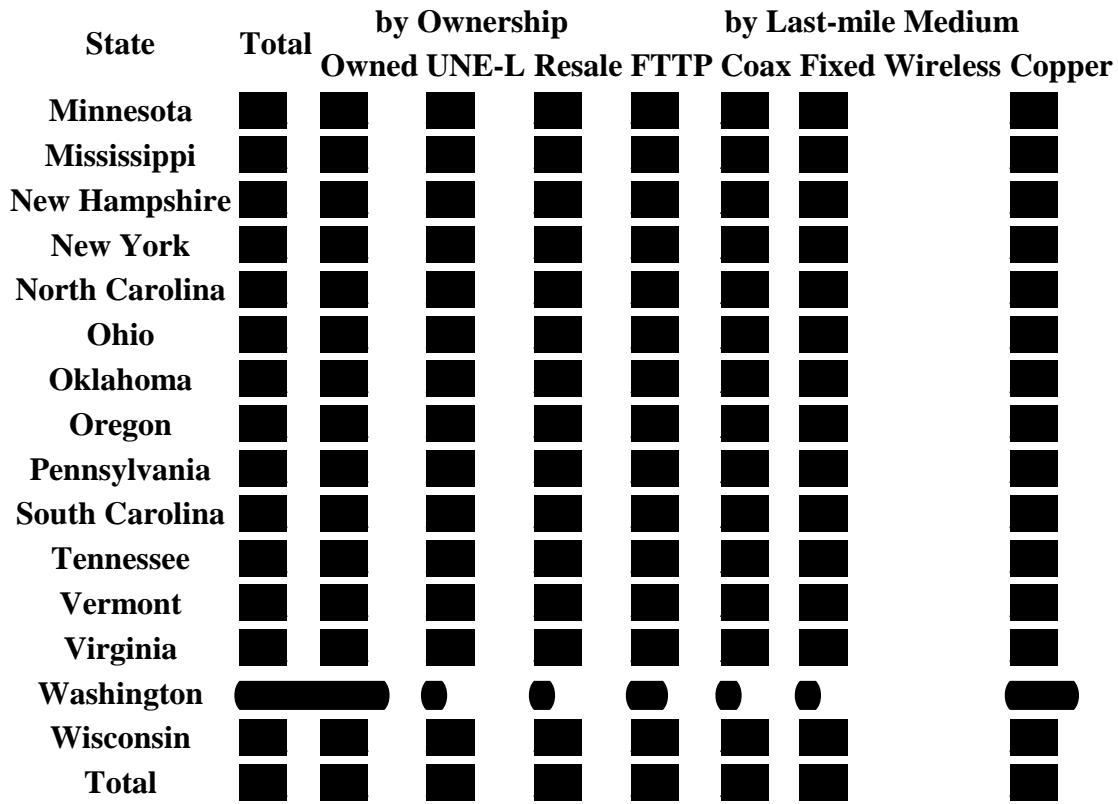
**VGE Lines Provided to Unaffiliated Providers by State**

State	Wholesale	UNE-L
Alabama	■	■
Arizona	■	■
Arkansas	■	■
California	■	■
Colorado	■	■
Florida	■	■
Georgia	■	■
Idaho	■	■
Indiana	■	■
Kentucky	■	■
Maine	■	■
Michigan	■	■
Minnesota	■	■
Mississippi	■	■
New Hampshire	■	■
New York	■	■
North Carolina	■	■
Ohio	■	■
Oklahoma	■	■
Oregon	■	■
Pennsylvania	■	■
South Carolina	■	■
Tennessee	■	■
Vermont	■	■
Virginia	■	■
Washington	●	●
Wisconsin	■	■
Total	■	■

**VGE Lines Provided to End Users by State, Bundle and Product Type**

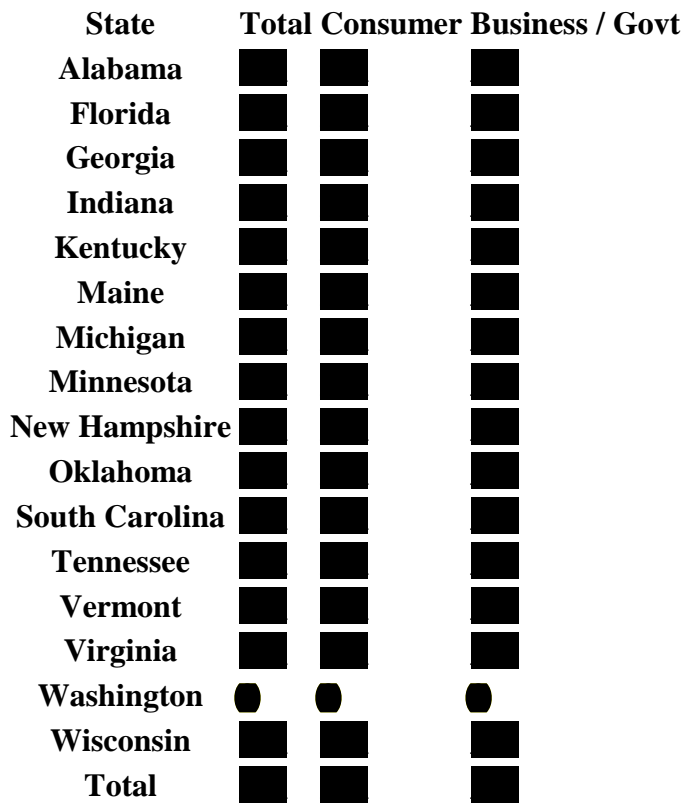
State	Total	by Bundle		by Product Type			
		Sold w/ Internet	Sold w/o Internet	Consumer & No PIC	Consumer & PIC	Bus-Govt & No PIC	Bus-Govt & PIC
Alabama	■	■	■	■	■	■	■
Arizona	■	■	■	■	■	■	■
Arkansas	■	■	■	■	■	■	■
California	■	■	■	■	■	■	■
Colorado	■	■	■	■	■	■	■
Florida	■	■	■	■	■	■	■





**Fixed Voice Subscription (iVoIP)**

**Over-the-top VoIP Subscriptions by State and End-user Type**



**All other VoIP Subscriptions by State, End-user Type, Bundle and Last-mile Medium**

