

Table 1
End-User Telecommunications Revenues by State: 2017
(Dollar Amounts Shown in Millions)

	Intrastate	Interstate and International	Total	% of Total
Alabama	\$1,099	\$730	\$1,829	1.35%
Alaska	183	144	327	0.24
American Samoa	7	5	13	0.01
Arizona	1,531	1,200	2,731	2.02
Arkansas	650	480	1,130	0.83
California	9,753	6,079	15,832	11.69
Colorado	1,343	1,072	2,415	1.78
Connecticut	980	785	1,765	1.30
Delaware	261	219	480	0.35
District of Columbia	409	358	767	0.57
Florida	4,826	3,292	8,118	5.99
Georgia	2,454	1,638	4,093	3.02
Guam	36	29	65	0.05
Hawaii	330	260	590	0.44
Idaho	346	287	632	0.47
Illinois	3,158	2,210	5,368	3.96
Indiana	1,443	1,056	2,499	1.84
Iowa	737	572	1,309	0.97
Kansas	679	463	1,142	0.84
Kentucky	1,013	719	1,733	1.28
Louisiana	1,116	683	1,799	1.33
Maine	334	258	591	0.44
Maryland	1,697	1,351	3,048	2.25
Massachusetts	1,954	1,258	3,212	2.37
Michigan	2,240	1,454	3,694	2.73
Minnesota	1,436	1,067	2,504	1.85
Mississippi	587	383	970	0.72
Missouri	1,412	1,057	2,469	1.82
Montana	248	209	456	0.34
Nebraska	471	364	835	0.62
Nevada	698	504	1,202	0.89
New Hampshire	348	284	632	0.47
New Jersey	2,652	1,979	4,631	3.42
New Mexico	441	354	795	0.59
New York	5,717	3,608	9,325	6.88
North Carolina	2,383	1,669	4,052	2.99
North Dakota	183	147	330	0.24
N. Mariana Islands	11	7	18	0.01
Ohio	2,861	1,940	4,801	3.54
Oklahoma	816	547	1,363	1.01
Oregon	919	692	1,610	1.19
Pennsylvania	3,429	2,467	5,896	4.35
Puerto Rico	655	602	1,257	0.93
Rhode Island	277	180	457	0.34
South Carolina	1,130	816	1,945	1.44
South Dakota	212	164	376	0.28
Tennessee	1,560	1,044	2,605	1.92
Texas	6,003	3,950	9,953	7.35
Utah	607	451	1,058	0.78
Vermont	180	158	338	0.25
Virgin Islands	35	38	73	0.05
Virginia	2,193	1,677	3,870	2.86
Washington	1,699	1,224	2,923	2.16
West Virginia	440	415	855	0.63
Wisconsin	1,379	1,022	2,401	1.77
Wyoming	140	118	258	0.19
Total	\$79,702	\$55,733	\$135,435	100.00%

Note: Figures may not add to totals due to rounding.

Table 2
End-User Telecommunication Revenue by Providers: 2017
(In Millions)

	Intrastate	Interstate and International	Total
ILECs	\$19,724	\$9,267	\$28,991
CLECs and interconnected VoIP Providers	16,173	11,903	28,076
Payphone Providers	273	55	328
Wireless Carriers	38,830	18,734	57,565
Toll Carriers	4,701	15,774	20,475
Total	\$79,702	\$55,733	\$135,435

Source: Form 499 data.

End-User revenue is defined as FCC Form 499-A lines 403 to 417. Total revenues are derived from 403a:417a, interstate and international revenues are derived from 403d:417d + 403e:417e, and intrastate revenues are derived from 403a:417a - 403d:417d - 403e:417e.

Table 3
Intrastate End-User Telecommunications Revenues by Provider: 2017
(Dollar Amounts Shown in Millions)

	CLECs and interconnected VoIP Providers					Total	% of Total
	ILECs	Payphone Providers	Wireless Carriers	Toll Carriers			
Alabama	\$291	\$179	\$1	\$557	\$69	\$1,099	1.38%
Alaska	63	26	1	79	15	183	0.23
American Samoa	3	0	0	4	1	7	0.01
Arizona	303	375	3	777	72	1,531	1.92
Arkansas	184	79	1	343	44	650	0.82
California	2,349	1,956	48	4,840	560	9,753	12.24
Colorado	318	288	3	658	76	1,343	1.68
Connecticut	220	286	2	420	52	980	1.23
Delaware	73	62	1	109	17	261	0.33
District of Columbia	142	63	1	170	34	409	0.51
Florida	1,076	1,084	9	2,401	256	4,826	6.06
Georgia	621	462	2	1,221	148	2,454	3.08
Guam	12	2	0	19	3	36	0.05
Hawaii	85	48	0	177	20	330	0.41
Idaho	98	38	0	187	23	346	0.43
Illinois	766	631	9	1,569	183	3,158	3.96
Indiana	371	254	3	727	88	1,443	1.81
Iowa	225	110	2	346	54	737	0.92
Kansas	151	126	1	365	36	679	0.85
Kentucky	296	162	2	483	70	1,013	1.27
Louisiana	265	195	2	592	63	1,116	1.40
Maine	87	80	1	145	21	334	0.42
Maryland	534	296	3	737	127	1,697	2.13
Massachusetts	436	535	7	872	104	1,954	2.45
Michigan	475	470	3	1,179	113	2,240	2.81
Minnesota	381	294	2	669	91	1,436	1.80
Mississippi	167	64	1	316	40	587	0.74
Missouri	391	214	2	712	93	1,412	1.77
Montana	77	37	0	115	18	248	0.31
Nebraska	120	98	1	224	28	471	0.59
Nevada	161	156	2	340	38	698	0.88
New Hampshire	70	111	1	150	17	348	0.44
New Jersey	654	700	10	1,132	156	2,652	3.33
New Mexico	125	56	1	229	30	441	0.55
New York	1,290	1,404	47	2,669	307	5,717	7.17
North Carolina	603	495	3	1,138	144	2,383	2.99
North Dakota	58	24	0	86	14	183	0.23
N. Mariana Islands	5	1	0	5	1	11	0.01
Ohio	688	607	6	1,396	164	2,861	3.59
Oklahoma	202	138	1	426	48	816	1.02
Oregon	208	188	3	471	50	919	1.15
Pennsylvania	965	703	10	1,521	230	3,429	4.30
Puerto Rico	177	78	3	355	42	655	0.82
Rhode Island	69	75	1	116	16	277	0.35
South Carolina	299	214	1	544	71	1,130	1.42
South Dakota	62	42	0	94	15	212	0.27
Tennessee	357	297	1	819	85	1,560	1.96
Texas	1,388	1,035	17	3,232	331	6,003	7.53
Utah	134	115	1	324	32	607	0.76
Vermont	59	41	1	66	14	180	0.23
Virgin Islands	12	2	0	17	3	35	0.04
Virginia	627	440	14	962	149	2,193	2.75
Washington	353	398	22	842	84	1,699	2.13
West Virginia	144	82	3	178	34	440	0.55
Wisconsin	394	244	12	636	94	1,379	1.73
Wyoming	41	18	3	68	10	140	0.18
Total	\$19,724	\$16,173	\$273	\$38,830	\$4,701	\$79,702	100.00%

Note: Figures may not add to totals due to rounding.

Table 4
Interstate and International End-User Telecommunications Revenues by Provider: 2017
(Dollar Amounts Shown in Millions)

	ILECs	CLECs and interconnected VoIP Providers	Payphone Providers	Wireless Carriers	Toll Carriers	Total	% of Total
Alabama	\$146	\$132	\$0	\$269	\$183	\$730	1.31%
Alaska	38	19	0	38	49	144	0.26
American Samoa	2	0	0	2	1	5	0.01
Arizona	167	276	1	375	381	1,200	2.15
Arkansas	90	58	0	166	165	480	0.86
California	855	1,440	10	2,335	1,440	6,079	10.91
Colorado	190	212	1	317	353	1,072	1.92
Connecticut	99	211	0	203	272	785	1.41
Delaware	36	46	0	53	85	219	0.39
District of Columbia	44	46	0	82	186	358	0.64
Florida	538	798	2	1,158	796	3,292	5.91
Georgia	320	340	0	589	389	1,638	2.94
Guam	7	2	0	9	10	29	0.05
Hawaii	42	35	0	85	98	260	0.47
Idaho	53	28	0	90	116	287	0.51
Illinois	338	464	2	757	649	2,210	3.97
Indiana	186	187	1	351	331	1,056	1.89
Iowa	117	81	0	167	206	572	1.03
Kansas	71	93	0	176	122	463	0.83
Kentucky	154	119	0	233	212	719	1.29
Louisiana	126	143	0	286	127	683	1.22
Maine	43	59	0	70	86	258	0.46
Maryland	235	218	1	356	543	1,351	2.42
Massachusetts	213	394	1	421	229	1,258	2.26
Michigan	206	346	1	569	333	1,454	2.61
Minnesota	213	216	0	323	315	1,067	1.91
Mississippi	80	47	0	152	104	383	0.69
Missouri	184	157	0	343	372	1,057	1.90
Montana	46	27	0	56	79	209	0.37
Nebraska	64	72	0	108	120	364	0.65
Nevada	63	115	0	164	162	504	0.90
New Hampshire	35	82	0	72	94	284	0.51
New Jersey	317	515	2	546	599	1,979	3.55
New Mexico	79	41	0	111	123	354	0.64
New York	585	1,033	9	1,288	693	3,608	6.47
North Carolina	305	364	1	549	451	1,669	2.99
North Dakota	35	18	0	42	52	147	0.26
N. Mariana Islands	2	0	0	2	2	7	0.01
Ohio	277	447	1	674	542	1,940	3.48
Oklahoma	94	102	0	206	145	547	0.98
Oregon	116	138	1	227	210	692	1.24
Pennsylvania	465	517	2	734	748	2,467	4.43
Puerto Rico	84	57	1	171	289	602	1.08
Rhode Island	33	55	0	56	35	180	0.32
South Carolina	158	158	0	263	237	816	1.46
South Dakota	36	31	0	45	52	164	0.29
Tennessee	180	219	0	395	250	1,044	1.87
Texas	627	761	3	1,559	999	3,950	7.09
Utah	76	85	0	157	134	451	0.81
Vermont	29	30	0	32	68	158	0.28
Virgin Islands	7	2	0	8	21	38	0.07
Virginia	276	324	3	464	610	1,677	3.01
Washington	191	293	4	406	329	1,224	2.20
West Virginia	79	60	1	86	189	415	0.74
Wisconsin	193	179	2	307	340	1,022	1.83
Wyoming	26	14	1	33	45	118	0.21
Total	\$9,267	\$11,903	\$55	\$18,734	\$15,774	\$55,733	100.00%

Note: Figures may not add to totals due to rounding.

Table 5
Data Used to Allocate Nationwide Revenue to States
(Lines/Subscribers/Minutes Shown in Thousands)

	ILEC End-User Switched Access Lines and VoIP		Non-ILEC End-User Switched Access Lines and VoIP		Number of Independent Payphones:		Wireless Subscribers:		Interstate Access Minutes:	
	Subscriptions: June 2017	Percent of Total	Subscriptions: June 2017 ¹	Percent of Total	March 2016 ²	Percent of Total	June 2017 ³	Percent of Total	2017	Percent of Total
Alabama	824	1.48%	704	1.11%	0	0.00%	4,818	1.44%	967,116	1.16%
Alaska	179	0.32	101	0.16	0	0.24	679	0.20	257,275	0.31
American Samoa	8	0.01	0	0.00	0	0.01	33	0.01	7,621	0.01
Arizona	857	1.54	1,473	2.32	1	1.04	6,720	2.00	2,016,104	2.42
Arkansas	519	0.93	309	0.49	0	0.30	2,967	0.88	875,128	1.05
California	6,643	11.91	7,676	12.09	16	17.61	41,844	12.47	7,614,776	9.13
Colorado	900	1.61	1,129	1.78	1	1.12	5,686	1.69	1,865,864	2.24
Connecticut	621	1.11	1,124	1.77	1	0.57	3,633	1.08	1,436,312	1.72
Delaware	206	0.37	243	0.38	0	0.19	941	0.28	448,542	0.54
District of Columbia	402	0.72	247	0.39	0	0.22	1,467	0.44	982,618	1.18
Florida	3,042	5.45	4,256	6.71	3	3.38	20,754	6.18	4,209,765	5.05
Georgia	1,757	3.15	1,813	2.86	1	0.79	10,555	3.14	2,055,841	2.46
Guam	33	0.06	9	0.01	0	0.03	168	0.05	55,287	0.07
Hawaii	241	0.43	187	0.29	0	0.03	1,526	0.45	520,056	0.62
Idaho	276	0.49	148	0.23	0	0.15	1,614	0.48	614,873	0.74
Illinois	2,167	3.88	2,475	3.90	3	3.43	13,566	4.04	3,432,055	4.11
Indiana	1,050	1.88	995	1.57	1	1.02	6,284	1.87	1,752,317	2.10
Iowa	637	1.14	432	0.68	1	0.61	2,995	0.89	1,089,645	1.31
Kansas	428	0.77	494	0.78	0	0.39	3,154	0.94	646,447	0.77
Kentucky	836	1.50	636	1.00	1	0.75	4,178	1.24	1,123,948	1.35
Louisiana	749	1.34	764	1.20	1	0.59	5,116	1.52	671,380	0.80
Maine	247	0.44	312	0.49	0	0.32	1,254	0.37	457,397	0.55
Maryland	1,510	2.71	1,160	1.83	1	1.19	6,372	1.90	2,870,037	3.44
Massachusetts	1,233	2.21	2,100	3.31	2	2.50	7,539	2.25	1,212,431	1.45
Michigan	1,344	2.41	1,844	2.91	1	1.02	10,190	3.04	1,762,153	2.11
Minnesota	1,077	1.93	1,154	1.82	1	0.75	5,782	1.72	1,667,021	2.00
Mississippi	472	0.85	251	0.40	0	0.20	2,731	0.81	550,098	0.66
Missouri	1,107	1.98	838	1.32	1	0.76	6,151	1.83	1,968,866	2.36
Montana	218	0.39	144	0.23	0	0.12	996	0.30	420,144	0.50
Nebraska	338	0.61	384	0.61	0	0.36	1,939	0.58	632,345	0.76
Nevada	455	0.82	613	0.97	1	0.84	2,940	0.88	854,911	1.02
New Hampshire	198	0.35	436	0.69	0	0.38	1,293	0.39	499,729	0.60
New Jersey	1,849	3.31	2,747	4.33	3	3.83	9,783	2.91	3,168,665	3.80
New Mexico	353	0.63	219	0.35	0	0.29	1,983	0.59	650,775	0.78
New York	3,649	6.54	5,508	8.68	15	17.08	23,072	6.87	3,667,142	4.40
North Carolina	1,706	3.06	1,941	3.06	1	1.20	9,837	2.93	2,383,413	2.86
North Dakota	164	0.29	95	0.15	0	0.11	747	0.22	276,684	0.33
N. Mariana Islands	14	0.03	2	0.00	0	0.01	41	0.01	8,970	0.01
Ohio	1,945	3.49	2,382	3.75	2	2.23	12,068	3.60	2,866,160	3.44
Oklahoma	572	1.03	542	0.85	0	0.46	3,684	1.10	768,178	0.92
Oregon	589	1.06	736	1.16	1	0.93	4,068	1.21	1,111,625	1.33
Pennsylvania	2,728	4.89	2,759	4.35	3	3.83	13,150	3.92	3,954,896	4.74
Puerto Rico	501	0.90	306	0.48	1	0.96	3,069	0.91	1,528,774	1.83
Rhode Island	195	0.35	293	0.46	0	0.26	1,007	0.30	185,671	0.22
South Carolina	845	1.51	840	1.32	0	0.45	4,707	1.40	1,253,676	1.50
South Dakota	174	0.31	163	0.26	0	0.08	810	0.24	277,332	0.33
Tennessee	1,011	1.81	1,166	1.84	0	0.46	7,083	2.11	1,324,622	1.59
Texas	3,927	7.04	4,060	6.40	6	6.27	27,940	8.32	5,282,676	6.33
Utah	379	0.68	452	0.71	0	0.47	2,805	0.84	709,520	0.85
Vermont	168	0.30	160	0.25	0	0.19	567	0.17	357,880	0.43
Virgin Islands	35	0.06	9	0.01	0	0.03	151	0.05	111,713	0.13
Virginia	1,774	3.18	1,726	2.72	5	5.23	8,320	2.48	3,228,840	3.87
Washington	997	1.79	1,563	2.46	7	8.05	7,283	2.17	1,738,746	2.08
West Virginia	406	0.73	321	0.51	1	0.93	1,538	0.46	998,108	1.20
Wisconsin	1,115	2.00	956	1.51	4	4.23	5,497	1.64	1,800,991	2.16
Wyoming	116	0.21	72	0.11	1	0.95	591	0.18	240,590	0.29
Total	55,786	100.00%	63,470	100.00%	90	100.00%	335,686	100.00%	83,433,749	100.00%

Note: Figures may not add to totals due to rounding.

¹ Lines for Guam, Puerto Rico, Northern Marina Islands, and Virgin Islands are estimated based on housing unit data from the 2010 Census

² Payphone customers for the territories are estimated based on housing unit data from the 2010 census. The total includes estimates for the territories. O indicates the number of payphones is between 0 and 500.

³ Wireless subscribers for American Samoa, Guam, Northern Mariana Islands and Virgin Islands are estimated based on housing unit data from the 2010 Census.

Table 6
Data Used to Allocate Interstate ILEC Revenue by State
(Lines/Revenues Shown in Thousands)

	Residential ILEC End-User Switched Access Lines and VoIP Subscriptions: June 2017	Estimated ILEC Lifeline Subscribers	Estimated Residential Lines Subject to a SLC	Business ILEC End- User Switched Access Lines and VoIP Subscriptions: June 2017	Residential Primary SLC Rate	Residential ARC Rate	Multi-line Business SLC Rate	Multi-line Business ARC Rate	Estimated SLC and ARC Revenue	Percent of Total
Alabama	504	5	499	320	\$6.49	\$0.73	\$7.04	\$1.67	\$77	1.57%
Alaska	69	4	65	110	6.50	0.70	8.97	2.02	20	0.41
American Samoa	3	1	2	5	6.50	2.25	9.20	3.00	1	0.02
Arizona	361	6	355	496	6.17	1.56	6.58	2.64	88	1.80
Arkansas	307	4	303	212	6.16	1.03	6.65	1.79	48	0.98
California	3,274	410	2,864	3,369	5.12	0.09	5.36	1.35	450	9.22
Colorado	427	4	423	473	6.47	1.88	6.67	3.48	100	2.05
Connecticut	348	2	346	273	5.98	0.85	6.04	1.29	52	1.07
Delaware	127	0	127	79	6.46	1.17	6.47	1.13	19	0.39
Dist. of Columbia	80	1	79	322	3.87	0.15	3.89	1.07	23	0.47
Florida	1,796	22	1,774	1,246	6.34	0.80	7.05	1.71	283	5.80
Georgia	988	8	980	769	6.50	0.86	7.03	1.85	169	3.46
Guam	20	1	19	13	6.50	2.12	9.20	3.00	4	0.08
Hawaii	125	2	123	116	6.50	0.38	8.09	0.46	22	0.45
Idaho	138	3	135	138	6.47	0.58	7.01	2.81	28	0.57
Illinois	1,077	8	1,069	1,090	5.22	1.46	5.47	1.59	178	3.65
Indiana	617	4	613	433	6.12	0.98	7.05	1.77	98	2.01
Iowa	352	5	347	285	5.60	1.51	6.34	3.03	62	1.26
Kansas	246	4	242	182	6.01	1.00	6.24	1.67	38	0.77
Kentucky	499	13	486	337	6.38	1.13	7.26	1.95	81	1.66
Louisiana	420	2	418	329	6.50	0.30	6.79	1.45	67	1.36
Maine	156	7	149	91	6.27	1.28	6.56	1.64	22	0.46
Maryland	873	2	871	637	5.67	1.18	5.70	1.10	123	2.53
Massachusetts	697	14	683	536	6.41	1.17	6.44	1.30	112	2.29
Michigan	727	7	720	617	5.90	0.05	6.10	1.58	108	2.22
Minnesota	579	13	566	498	5.69	1.83	6.88	3.30	112	2.29
Mississippi	269	2	267	203	6.50	0.45	6.70	1.39	42	0.86
Missouri	668	9	659	439	5.96	0.87	6.35	1.78	97	1.99
Montana	129	4	125	89	6.50	1.36	9.20	2.68	24	0.50
Nebraska	170	4	166	168	5.31	1.72	6.10	3.61	34	0.69
Nevada	238	3	235	217	4.11	1.39	4.59	2.12	33	0.68
New Hampshire	117	1	116	81	6.25	1.32	6.41	1.79	19	0.38
New Jersey	1,106	19	1,087	743	6.22	1.25	6.37	1.42	167	3.42
New Mexico	196	11	185	157	6.50	1.98	9.20	3.00	42	0.86
New York	2,091	68	2,023	1,558	5.86	0.43	6.74	1.57	308	6.31
North Carolina	1,048	12	1,036	658	5.99	1.29	6.71	2.15	160	3.29
North Dakota	96	4	92	68	6.50	1.62	8.71	2.92	18	0.38
Northern Mariana Islands	8	2	6	6	6.50	0.00	9.20	0.00	1	0.02
Ohio	1,073	21	1,052	872	4.97	1.10	5.11	1.52	146	2.99
Oklahoma	319	10	309	253	5.92	0.97	6.21	1.70	50	1.02
Oregon	321	16	305	268	6.46	1.00	7.70	2.76	61	1.25
Pennsylvania	1,745	19	1,726	983	5.90	1.38	6.52	1.46	245	5.02
Puerto Rico	391	24	367	110	6.50	0.47	9.20	0.98	44	0.90
Rhode Island	140	2	138	55	6.36	1.17	6.44	1.20	17	0.36
South Carolina	528	6	522	317	6.32	1.69	6.97	1.74	83	1.71
South Dakota	101	3	98	73	6.50	1.86	7.69	2.77	19	0.39
Tennessee	605	7	598	406	6.32	1.04	6.86	1.74	95	1.94
Texas	2,085	58	2,027	1,842	5.90	0.64	6.08	1.64	330	6.76
Utah	160	4	156	219	6.42	1.52	6.87	2.65	40	0.82
Vermont	112	9	103	56	6.29	1.41	6.60	1.66	15	0.31
Virgin Islands	19	0	19	16	6.50	0.57	8.96	1.14	4	0.07
Virginia	1,101	3	1,098	673	5.62	0.48	6.51	1.53	145	2.98
Washington	541	13	528	456	6.14	1.49	7.06	2.47	100	2.06
West Virginia	242	2	240	164	6.50	0.04	8.50	3.19	42	0.86
Wisconsin	615	7	608	500	6.20	0.79	6.59	1.83	102	2.08
Wyoming	48	0	48	68	6.50	0.14	9.19	2.72	14	0.28
Total	31,092	898	30,196	24,694	\$5.91	\$1.12	\$6.35	\$1.73	\$4,880	100.00%

Note: Figures may not add to totals due to rounding.