

REVENUES

TABLE 7-4
GAS INDUSTRY TRANSPORTATION REVENUE
BY STATE 2010 - 2016
(\$ Thousands)

Division and States	2010	2011	2013	2014	2015	2016
UNITED STATES	\$7,363,745	\$7,512,030	\$8,819,018	\$9,488,910	\$9,558,707	\$9,670,252
New England	332,501	397,967	492,108	508,201	447,123	451,125
Connecticut	78,631	90,529	113,452	103,747	82,859	78,548
Maine	19,185	14,319	20,471	19,432	19,302	22,904
Massachusetts	199,237	250,702	306,841	320,481	282,860	287,087
New Hampshire	14,661	17,532	19,996	22,998	26,505	26,584
Rhode Island	20,501	24,650	31,347	41,543	35,596	36,001
Vermont	286	235	0	0	0	0
Middle Atlantic	2,321,806	2,200,150	2,511,694	2,704,836	2,494,547	2,397,230
New Jersey	441,700	476,468	598,880	610,850	487,010	462,529
New York	1,468,968	1,304,532	1,372,255	1,450,124	1,372,235	1,309,361
Pennsylvania	411,138	419,149	540,559	643,863	635,303	625,341
East North Central	2,008,427	2,094,525	2,411,157	2,576,642	2,637,288	2,638,579
Illinois	392,288	393,695	468,168	509,789	542,390	559,857
Indiana	132,491	137,956	144,441	154,195	156,406	157,441
Michigan	284,438	298,954	334,700	341,560	320,677	328,598
Ohio	1,116,630	1,184,703	1,375,672	1,481,240	1,525,761	1,486,851
Wisconsin	82,580	79,218	88,176	89,858	92,055	105,832
West North Central	244,771	280,185	303,026	325,557	319,322	339,251
Iowa	41,204	43,070	50,661	58,027	50,953	55,179
Kansas	61,176	84,730	77,779	80,113	73,536	72,307
Minnesota	33,330	44,168	43,920	46,402	52,203	56,642
Missouri	42,112	43,263	47,888	61,467	54,110	57,611
Nebraska	54,311	52,900	67,710	65,520	74,514	82,108
North Dakota	2,294	2,411	2,559	2,650	2,713	4,028
South Dakota	10,344	9,644	12,509	11,379	11,292	11,375
South Atlantic	1,034,831	1,105,676	1,244,531	1,326,344	1,347,535	1,395,150
Delaware	10,638	13,370	15,724	16,061	15,822	17,929
District of Columbia	65,941	61,199	65,829	73,818	72,399	68,773
Florida	143,991	148,868	163,686	184,880	193,243	213,582
Georgia	392,142	410,525	415,496	419,610	426,596	430,214
Maryland	175,173	203,501	242,676	280,286	283,168	287,466
North Carolina	89,779	95,623	167,536	176,510	169,287	171,777
South Carolina	38,028	38,921	25,781	18,888	19,318	20,998
Virginia	94,808	107,982	121,896	128,752	139,673	153,048
West Virginia	24,332	25,687	25,906	27,540	28,028	31,363
East South Central	173,117	171,425	184,783	195,516	206,535	217,816
Alabama	66,525	64,148	77,040	77,056	73,372	75,279
Kentucky	50,622	51,039	55,117	59,232	58,630	61,531
Mississippi	15,647	16,278	12,703	15,849	29,320	33,747
Tennessee	40,324	39,962	39,923	43,378	45,212	47,259
West South Central	411,145	427,227	473,919	671,597	906,170	856,144
Arkansas	22,150	24,557	28,197	30,446	139,193	31,425
Louisiana	92,995	74,898	53,645	68,254	286,672	287,629
Oklahoma	56,818	53,597	49,317	58,111	45,040	83,724
Texas	239,181	274,175	342,761	514,786	435,265	453,366
Mountain	232,992	190,047	229,654	248,695	271,056	290,469
Arizona	23,179	25,233	34,422	36,708	37,592	39,943
Colorado	100,182	54,602	66,459	75,608	90,067	89,528
Idaho	8,496	8,688	10,339	9,962	11,736	11,862
Montana	20,214	22,465	24,171	26,853	21,933	27,247
Nevada	28,258	26,605	31,474	32,077	35,481	37,139
New Mexico	15,954	16,693	19,121	18,618	19,084	19,333
Utah	11,385	11,122	13,989	17,724	21,159	28,632
Wyoming	25,324	24,638	29,678	31,144	34,004	36,785
Pacific	604,155	644,828	968,146	931,523	929,129	1,084,489
Alaska	7,951	13,796	133,811	12,563	10,816	10,928
California	538,864	571,012	770,031	856,180	849,940	1,000,637
Hawaii	0	0	0	0	0	0
Oregon	19,564	21,269	21,132	21,822	23,045	24,514
Washington	37,775	38,751	43,172	40,957	45,328	48,410

REVENUES

TABLE 7-5
GAS UTILITY INDUSTRY TRANSPORTATION REVENUE BY STATE AND CLASS OF SERVICE - 2016
(\$ Thousands)

Division and State	TOTAL	Residential	Commercial	Industrial	Electric Generation
UNITED STATES	\$9,670,252	\$3,022,943	\$3,229,724	\$2,534,333	\$883,251
New England	451,125	15,794	274,034	147,357	13,940
Connecticut	78,548	6,409	38,941	24,717	8,480
Maine	22,904	0	10,437	11,898	569
Massachusetts	287,087	9,385	188,198	84,739	4,766
New Hampshire	26,584	0	15,455	11,129	0
Rhode Island	36,001	0	21,003	14,874	125
Vermont	0	0	0	0	0
Middle Atlantic	2,397,230	944,455	997,683	289,090	166,002
New Jersey	462,529	67,442	284,077	66,149	44,861
New York	1,309,361	696,365	444,578	68,561	99,857
Pennsylvania	625,341	180,648	269,028	154,381	21,284
East North Central	2,638,579	1,311,911	725,836	529,240	71,591
Illinois	559,857	193,917	239,726	113,888	12,325
Indiana	157,441	15,908	34,911	99,298	7,324
Michigan	328,598	87,095	104,473	112,754	24,276
Ohio	1,486,851	1,014,991	327,898	137,118	6,844
Wisconsin	105,832	0	18,827	66,183	20,821
West North Central	339,251	29,120	84,972	199,962	25,197
Iowa	55,179	0	10,450	44,285	445
Kansas	72,307	24	12,370	56,953	2,960
Minnesota	56,642	0	14,114	25,895	16,633
Missouri	57,611	0	21,075	33,413	3,124
Nebraska	82,108	29,095	24,878	27,526	609
North Dakota	4,028	0	707	1,894	1,427
South Dakota	11,375	0	1,379	9,996	0
South Atlantic	1,395,150	521,456	510,734	221,215	141,744
Delaware	17,929	0	10,827	7,009	93
District of Columbia	68,773	18,374	50,398	0	0
Florida	213,582	7,605	135,985	47,602	22,391
Georgia	430,214	324,693	89,240	15,847	434
Maryland	287,466	126,504	135,170	19,523	6,269
North Carolina	171,777	0	9,327	77,180	85,269
South Carolina	20,998	0	3,489	16,829	680
Virginia	153,048	44,280	59,233	26,252	23,284
West Virginia	31,363	0	17,066	10,972	3,325
East South Central	217,816	8,222	42,106	145,844	21,644
Alabama	75,279	0	21,972	49,992	3,315
Kentucky	61,531	8,222	10,896	39,336	3,077
Mississippi	33,747	0	1,838	18,398	13,511
Tennessee	47,259	0	7,401	38,118	1,741
West South Central	856,144	0	91,555	504,403	260,185
Arkansas	31,425	0	17,232	14,107	86
Louisiana	287,629	0	3,754	273,893	9,982
Oklahoma	83,724	0	25,092	56,303	2,329
Texas	453,366	0	45,477	160,101	247,788
Mountain	290,469	16,520	87,925	129,385	56,638
Arizona	39,943	0	14,931	18,633	6,378
Colorado	89,528	15	6,024	66,238	17,250
Idaho	11,862	0	1,440	8,794	1,628
Montana	27,247	373	16,925	8,002	1,947
Nevada	37,139	0	13,682	7,331	16,126
New Mexico	19,333	32	14,569	2,674	2,057
Utah	28,632	0	6,658	11,563	10,411
Wyoming	36,785	16,101	13,695	6,150	840
Pacific	1,084,489	175,465	414,878	367,837	126,309
Alaska	10,928	0	353	0	10,575
California	1,000,637	175,465	402,504	315,672	106,996
Hawaii	0	0	0	0	0
Oregon	24,514	0	3,179	19,980	1,355
Washington	48,410	0	8,841	32,185	7,384

REVENUES

SECTION 8 END USERS

	<u>2016</u>	<u>% Change 2016/2015</u>
GAS INDUSTRY SALES CUSTOMERS (Thousands)	66,205.4	+ 0.9
Residential	61,496.1	+ 0.9
Commercial	4,579.0	+ 0.4
Industrial	120.3	- 0.1

END USERS

END USERS

TABLE 8-1
GAS INDUSTRY SALES CUSTOMERS BY CLASS OF SERVICE
1996-2016
(Thousands)

Year	TOTAL	Residential	Commercial	Industrial ^a	Other
1996	60,043.7	55,222.3	4,642.6	176.5	2.4
1997	61,013.1	55,934.2	4,880.9	195.5	2.5
1998	61,528.1	56,517.2	4,824.6	182.8	3.4
1999	60,777.6	56,016.5	4,599.4	159.0	2.8
2000	61,262.3	56,493.5	4,609.8	156.7	2.3
2001	61,384.5	56,680.0	4,545.5	156.4	2.6
2002	62,034.2	57,292.7	4,590.0	149.2	2.4
2003	62,609.9	57,802.0	4,661.0	144.6	2.4
2004	63,296.5	58,501.1	4,641.0	151.8	2.6
2005	64,395.0	59,568.9	4,678.3	145.6	2.3
2006	65,019.5	60,146.5	4,733.5	137.7	1.8
2007	65,388.9	60,534.2	4,718.1	134.8	1.8
2008	65,486.8	60,654.2	4,702.5	128.1	2.1
2009	65,146.9	60,343.5	4,659.3	142.0	2.0
2010	64,960.2	60,246.4	4,582.4	129.4	2.1
2011	65,087.7	60,405.1	4,555.5	125.0	2.2
2012	64,668.6	60,020.1	4,518.2	122.1	8.3
2013	64,406.0	59,788.4	4,482.4	123.2	12.1
2014	64,893.0	60,222.7	4,533.7	122.2	14.4
2015	65,611.9	60,921.8	4,559.4	120.4	10.2
2016	66,205.4	61,496.1	4,579.0	120.3	10.0

^aElectric generation end users are included in the Industrial category.

END USERS

TABLE 8-2
NATURAL GAS RESIDENTIAL END USERS
1996-2016
(Thousands)

Year	Utility Delivery			Other Delivery	Total Residential End Users
	Sales	Transp.	TOTAL		
1996	52,918.1	41.4	52,959.5	2,304.2	55,263.7
1997	53,725.9	252.8	53,978.7	2,208.2	56,187.0
1998	54,319.5	800.3	55,119.8	2,198.7	57,318.5
1999	55,388.3	2,198.6	57,586.9	629.1	58,216.0
2000	56,274.9	2,978.3	59,253.2	218.7	59,471.9
2001	55,498.2	3,572.7	59,070.9	1,181.8	60,252.7
2002	56,935.1	3,874.4	60,782.4	357.6	61,140.0
2003	56,288.1	4,055.8	60,344.0	1,513.9	61,857.9
2004	56,837.5	3,968.0	60,805.5	1,663.6	62,469.1
2005	57,631.2	3,832.5	61,463.7	1,938.3	63,402.0
2006	58,623.8	4,238.8	62,862.6	1,523.4	64,386.0
2007	60,428.3	4,329.5	64,820.8	106.4	64,927.2
2008	60,401.4	4,599.4	65,000.8	253.1	65,254.0
2009	60,211.0	4,969.0	65,180.0	136.7	65,316.7
2010	60,116.1	5,271.3	65,387.4	134.4	65,521.8
2011	60,274.3	5,530.0	65,804.3	134.2	65,938.5
2012	59,883.1	6,603.9	66,487.0	137.5	66,624.5
2013	59,642.8	6,931.6	66,574.4	148.6	66,723.0
2014	60,063.9	7,004.5	67,068.4	159.3	67,227.8
2015	60,762.9	6,949.2	67,712.1	161.7	67,873.9
2016	61,386.5	6,917.0	68,303.4	112.3	68,415.7

NOTE: For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

END USERS

TABLE 8-3
NATURAL GAS COMMERCIAL END USERS
1996-2016
(Thousands)

Year	Utility Delivery			Other Delivery	Total Commercial End Users
	Sales	Transp.	TOTAL		
1996	4,432.6	77.0	4,509.6	210.6	4,720.2
1997	4,683.1	121.9	4,805.0	199.4	5,004.4
1998	4,630.3	219.0	4,849.3	196.0	5,045.2
1999	4,523.5	409.5	4,933.1	77.0	5,010.1
2000	4,580.2	479.6	5,059.8	30.7	5,090.5
2001	4,409.1	480.8	4,889.9	140.2	5,030.1
2002	4,546.8	469.6	5,016.4	43.4	5,059.7
2003	4,505.6	487.4	4,993.0	157.9	5,150.9
2004	4,472.1	492.3	4,964.5	171.5	5,136.0
2005	4,490.5	494.2	4,984.7	193.5	5,178.2
2006	4,582.6	536.6	5,119.2	155.6	5,274.9
2007	4,709.3	587.2	5,296.5	9.1	5,305.6
2008	4,680.8	604.5	5,285.3	22.0	5,307.3
2009	4,646.2	661.2	5,307.4	13.7	5,321.2
2010	4,569.8	716.0	5,285.8	13.3	5,299.1
2011	4,543.8	763.2	5,307.0	12.4	5,319.4
2012	4,506.0	836.7	5,342.7	12.9	5,355.6
2013	4,469.2	878.6	5,347.8	14.2	5,361.9
2014	4,519.1	883.9	5,403.0	16.0	5,419.0
2015	4,544.9	888.6	5,433.5	15.7	5,449.2
2016	4,568.2	892.5	5,460.7	11.7	5,472.4

NOTE: For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

END USERS

TABLE 8-4
NATURAL GAS INDUSTRIAL END USERS
1996-2016
(Thousands)

Year	Utility Delivery			Other Delivery	Total Industrial End Users
	Sales	Transp.	TOTAL		
1996	170.2	23.6	193.8	7.7	201.5
1997	186.4	42.1	228.6	6.2	234.8
1998	172.1	47.1	219.2	7.0	226.2
1999	154.3	69.6	223.9	4.4	228.3
2000	151.9	77.2	229.1	4.5	233.6
2001	150.1	60.6	210.7	5.3	216.1
2002	145.6	59.9	205.5	5.1	210.6
2003	139.1	58.4	197.6	7.9	205.4
2004	147.3	58.0	205.3	6.9	212.2
2005	141.2	56.7	197.9	6.9	204.7
2006	134.1	59.6	193.7	6.1	199.8
2007	132.6	58.7	191.2	3.7	194.9
2008	125.8	66.8	192.7	1.8	194.5
2009	135.5	62.7	198.3	9.2	207.4
2010	120.0	60.4	183.4	9.1	192.5
2011	120.7	62.0	182.8	10.0	192.7
2012	115.7	64.0	179.6	9.7	189.3
2013	116.7	65.4	182.1	9.8	191.9
2014	116.5	66.0	182.5	9.6	192.1
2015	115.8	64.8	180.6	8.0	188.6
2016	115.2	65.4	180.6	7.9	188.5

NOTE: For reporting purposes, Utility Delivery includes system sales end users and transportation end users by investor-owned and municipally-owned distribution companies. Other Delivery includes sales and transportation end users of deliveries by all others (pipelines, storage operators, etc.).

END USERS

TABLE 8-5
NATURAL GAS RESIDENTIAL END USERS BY STATE – 2016
(Thousands)

Division and State	Utility Delivery			Other Delivery	Total Residential End Users
	Sales	Transp.	TOTAL		
UNITED STATES	61,386.5	6,917.0	68,303.4	112.3	68,415.7
New England	2,440.1	16.5	2,456.6	0.0	2,456.6
Connecticut	540.4	1.1	541.5	0.0	541.5
Maine	32.7	0.0	32.7	0.0	32.7
Massachusetts	1,479.2	15.4	1,494.6	0.0	1,494.6
New Hampshire	104.5	0.0	104.5	0.0	104.5
Rhode Island	239.0	0.0	239.0	0.0	239.0
Vermont	44.2	0.0	44.2	0.0	44.2
Middle Atlantic	8,695.4	1,270.2	9,965.6	12.9	9,978.5
New Jersey	2,596.8	156.6	2,753.5	0.0	2,753.5
New York	3,679.1	786.6	4,465.7	1.2	4,466.9
Pennsylvania	2,419.4	327.0	2,746.4	11.7	2,758.1
East North Central	10,578.3	3,286.2	13,864.6	58.5	13,923.1
Illinois	3,559.4	331.0	3,890.4	6.3	3,896.7
Indiana	1,651.4	69.1	1,720.4	0.0	1,720.4
Michigan	3,035.6	196.0	3,231.6	8.9	3,240.5
Ohio	593.1	2,690.2	3,283.3	43.3	3,326.6
Wisconsin	1,738.9	0.0	1,738.9	0.0	1,738.9
West North Central	5,455.8	67.7	5,523.5	0.9	5,524.4
Iowa	915.4	0.0	915.4	0.0	915.4
Kansas	864.8	a.	864.8	a.	864.9
Minnesota	1,505.4	0.0	1,505.4	0.9	1,506.3
Missouri	1,374.4	0.0	1,374.4	0.0	1,374.4
Nebraska	467.5	67.7	535.2	0.0	535.2
North Dakota	143.3	0.0	143.3	0.0	143.3
South Dakota	184.8	0.0	184.8	0.0	184.8
South Atlantic	5,581.6	1,806.1	7,387.7	10.5	7,398.3
Delaware	166.6	0.0	166.6	0.0	166.6
District of Columbia	132.2	16.3	148.5	0.0	148.5
Florida	714.5	16.9	731.3	0.4	731.7
Georgia	321.2	1,472.2	1,793.4	0.0	1,793.4
Maryland	883.3	231.3	1,114.5	9.5	1,124.1
North Carolina	1,231.4	0.0	1,231.4	0.0	1,231.4
South Carolina	656.0	0.0	656.0	0.0	656.0
Virginia	1,140.1	69.4	1,209.5	0.0	1,209.5
West Virginia	336.5	a.	336.5	0.6	337.1
East South Central	3,091.8	21.0	3,112.7	6.0	3,118.8
Alabama	776.7	0.0	776.7	0.0	776.7
Kentucky	745.3	21.0	766.2	0.3	766.5
Mississippi	433.7	0.0	433.7	5.7	439.4
Tennessee	1,136.1	0.0	1,136.1	0.1	1,136.2
West South Central	6,940.1	0.0	6,940.1	21.0	6,961.2
Arkansas	552.5	0.0	552.5	0.1	552.6
Louisiana	897.0	0.0	897.0	a.	897.0
Oklahoma	935.3	0.0	935.3	3.3	938.6
Texas	4,555.4	0.0	4,555.4	17.7	4,573.0
Mountain	6,050.2	46.6	6,096.8	1.1	6,098.0
Arizona	1,215.7	0.0	1,215.7	a.	1,215.7
Colorado	1,736.0	a.	1,736.0	0.0	1,736.0
Idaho	381.8	0.0	381.8	0.0	381.8
Montana	270.1	1.3	271.3	1.1	272.5
Nevada	838.9	0.0	838.9	0.0	838.9
New Mexico	582.8	0.1	582.9	a.	582.9
Utah	905.8	0.0	905.8	0.0	905.8
Wyoming	119.2	45.2	164.5	a.	164.5
Pacific	12,553.2	402.6	12,955.8	1.2	12,957.0
Alaska	129.5	0.0	129.5	1.2	130.6
California	10,513.8	402.6	10,916.4	0.0	10,916.4
Hawaii	28.9	0.0	28.9	0.0	28.9
Oregon	727.9	0.0	727.9	0.0	727.9
Washington	1,153.2	0.0	1,153.2	0.0	1,153.2

a. – Less than 50

END USERS

TABLE 8-6
NATURAL GAS COMMERCIAL END USERS BY STATE – 2016
(Thousands)

Division and State	Utility Delivery			Other Delivery	Total Commercial End Users
	Sales	Transp.	TOTAL		
UNITED STATES	4,568.2	892.5	5,460.7	11.7	5,472.4
New England	231.2	30.1	261.2	a.	261.2
Connecticut	55.6	2.9	58.5	0.0	58.5
Maine	10.6	1.5	12.1	0.0	12.1
Massachusetts	122.0	19.8	141.9	a.	141.9
New Hampshire	15.1	3.5	18.6	0.0	18.6
Rhode Island	22.0	2.4	24.4	0.0	24.4
Vermont	5.8	0.0	5.8	0.0	5.8
Middle Atlantic	636.8	242.9	879.7	1.5	881.2
New Jersey	190.4	52.4	242.8	0.0	242.8
New York	270.9	129.0	399.9	a.	399.9
Pennsylvania	175.5	61.5	237.0	1.4	238.5
East North Central	797.1	352.1	1,149.2	3.8	1,153.0
Illinois	232.2	64.6	296.8	0.5	297.3
Indiana	141.7	19.5	161.1	0.0	161.1
Michigan	224.9	31.1	256.0	0.4	256.4
Ohio	28.7	235.8	264.5	2.9	267.4
Wisconsin	169.6	1.2	170.8	0.0	170.8
West North Central	541.1	26.7	567.8	0.2	568.0
Iowa	98.0	2.1	100.1	a.	100.1
Kansas	79.3	6.6	85.9	a.	85.9
Minnesota	138.0	0.6	138.6	0.2	138.8
Missouri	137.1	1.3	138.4	a.	138.4
Nebraska	42.4	15.8	58.2	a.	58.2
North Dakota	22.0	0.1	22.0	0.0	22.0
South Dakota	24.3	0.3	24.5	0.0	24.5
South Atlantic	446.8	162.8	609.6	1.4	611.0
Delaware	13.4	0.4	13.8	a.	13.8
District of Columbia	6.6	3.3	9.9	0.0	9.9
Florida	38.3	29.2	67.5	0.2	67.7
Georgia	32.3	92.0	124.3	0.0	124.3
Maryland	52.2	24.8	77.0	1.1	78.0
North Carolina	123.1	0.1	123.2	0.0	123.2
South Carolina	59.0	0.1	59.1	a.	59.1
Virginia	88.3	12.1	100.4	a.	100.4
West Virginia	33.7	0.8	34.4	0.1	34.6
East South Central	331.9	4.2	336.0	0.8	336.8
Alabama	68.2	0.1	68.3	0.0	68.3
Kentucky	81.9	3.9	85.7	a.	85.8
Mississippi	48.8	0.1	48.8	0.7	49.6
Tennessee	133.1	0.1	133.2	0.1	133.2
West South Central	534.6	8.4	542.9	3.5	546.4
Arkansas	68.4	0.6	69.1	0.3	69.3
Louisiana	59.8	0.1	59.9	0.1	59.9
Oklahoma	90.2	4.6	94.7	0.6	95.3
Texas	316.2	3.1	319.3	2.5	321.8
Mountain	455.2	12.9	468.0	0.3	468.3
Arizona	56.6	0.4	56.9	a.	56.9
Colorado	151.1	0.3	151.4	a.	151.4
Idaho	41.1	a.	41.2	0.0	41.2
Montana	35.0	1.0	36.0	0.3	36.3
Nevada	43.2	0.2	43.4	0.0	43.4
New Mexico	46.8	4.0	50.7	0.0	50.7
Utah	66.7	0.3	67.0	a.	67.0
Wyoming	14.7	6.7	21.4	a.	21.4
Pacific	593.6	52.7	646.2	0.2	646.4
Alaska	13.4	a.	13.4	0.2	13.6
California	392.6	52.3	445.0	a.	445.0
Hawaii	2.8	0.0	2.8	0.0	2.8
Oregon	81.5	0.2	81.7	0.0	81.7
Washington	103.2	0.1	103.4	0.0	103.4

a – Less than 50