

GAS FACTS

2007 DATA

- ENERGY RESERVES • NATURAL GAS SUPPLY
- END-USERS • SALES • TRANSPORTATION VOLUMES
- DISTRIBUTION AND TRANSMISSION
- FINANCE • PERSONNEL DATA
- UNDERGROUND STORAGE
- ENERGY CONSUMPTION
- REVENUES • PRICES
- HOUSING DATA
- GLOSSARY
- INDEX

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GAS FACTS

2007 DATA

Unless otherwise noted, material presented in this volume is based on data collected from individual utilities by the Department of Statistics of the American Gas Association. It may be excerpted without charge, but credit to the source is requested.

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eGUS

The underlying data for many of the tables in *Gas Facts* can be accessed by **AGA members** via eGUS, the Web-based version of the Gas Utilities Statistics system. To access this online database system, visit the site at www.aga.org/eGUS, and when prompted, enter your AGA website username and password (obtained via the AGA main page at www.aga.org). The e-Gus User Manual and contact information are provided in the Help & FAQ section of the eGUS site.

For further information or assistance with the eGUS system, AGA members may contact Mr. Paul Pierson, Manager Statistical Services at (202) 824-7133 or ppierson@aga.org.

AGA members and non-members may request specific queries of the database for a nominal fee. If you would like information regarding available data or query fees, please contact Mr. Paul Pierson, Manager, Statistical Services at (202) 824-7133 or ppierson@aga.org.

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INTRODUCTION

GENERAL

The American Gas Association assumed its present status as a gas utility industry trade association in 1918, after a merger of two predecessor organizations. Today it renders assistance to the gas utility industry and provides an advocacy platform for local distribution companies, so that the industry may serve its customers more efficiently. The Association recognizes the need for factual information regarding the gas industry for the use, not only of industry organizations, but also interested outside publics. Its statistical efforts are a vital part of this function, and the publication of *Gas Facts* is one result of these efforts.

This publication contains detailed statistics for 2007 and summary statistics for prior years for the gas utility industry which by definition, consists of the companies engaged in natural gas distribution and transmission. The publication also contains relevant data on the gas producing segment of the industry. Gas volumes are expressed in millions of cubic feet (at 14.73 psi and 60°F unless otherwise noted) and in British thermal units (Btu) to permit direct comparison with other energy data. A conversion table is included as Appendix B. Throughout the publication numbers may not add up to total due to independent rounding.

The user should be aware that a large transportation market has developed, which directly impacts gas utility sales quantities, revenues and number of customers. Although total pipeline throughput may remain the same, as transportation volumes to end-users increase, gas utility sales quantities to end-users will decrease.

Data presented in *Gas Facts*, broken down by company type, are not necessarily comparable from year to year. Acquisitions, mergers and corporate reorganizations continue to cause the number of companies in any given category to vary from year to year. Some of these changes are significant and can cause a dramatic shift in the data reported for a specific category from prior years.

In addition, data and resulting estimates are attributed to utility industry segments in *Gas Facts* as distribution, transmission or integrated, based not only on company operating revenues (see glossary) but also on how the company submitted information in the *Uniform Statistical Report* (USR). For example, if a company submits data under one corporate name, such as qualifying revenue, for distribution and transmission activities combined, then it is placed in the integrated category. However, if a large company submits data for its distribution companies separate from transmission companies, no effort is made to recombine the data to produce an integrated result. Distribution data in this case is attributed to the distribution segment and transmission data to the transmission segment.

SOURCES OF INFORMATION

Most of the information contained in this volume is developed from data forms contained in the *Uniform Statistical Report* and other sources such as the Energy Information Administration (EIA) and the Federal Energy Regulatory Commission (FERC). Tables presented in *Gas Facts* use data primarily from distribution companies that have submitted a *Uniform Statistical Report* (USR) and develops for companies that have not reported estimates based on recent historical experience.

Estimates of proved reserves of natural gas are taken from the U.S. Department of Energy report *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves*. Data for gas spaceheating customers were taken from the *AGA Residential Natural Gas Market Survey*. Changes in the quantity and format of data reported to AGA, the Energy Information Administration, the Federal Energy Regulatory Commission and others have influenced the quality and type of tables that can be constructed from the available sources. As a result, tables in this edition have been modified or eliminated compared with previous *Gas Facts* editions based on judgements regarding sample size and data quality.

ACKNOWLEDGEMENTS

Our thanks go to those companies participating in the *Uniform Statistical Report* data gathering effort. Their cooperation and support are the essential to making this publication a primary source of gas utility industry data. Also greatly appreciated is the cooperation of the public and governmental agencies credited in *Gas Facts* tables.

Key contributions to this publication have been made by the Manager, Statistical Services, Paul Pierson; Manager, Policy Analysis, Mariam Arnaout; Statistical Consultant, Kelly Hopkins; and Policy Analysis Senior Staff Associate, Lucy Castañeda-Land.

SECTION 1

2007 IN REVIEW

Highlights from the 2008 edition of *Gas Facts*

Supply

- Gas well completions in 2007 increased 5.5 percent compared with 2006.
- Estimated working gas capacity in underground storage, as of June 2007, was 3,990 Bcf, with a total deliverability of 79,998 MMcf per day.
- The United States imported 4.6 trillion cubic feet of natural gas in 2007, primarily from Canada.

Delivery

- The U.S. natural gas industry had 1.52 million miles of pipeline — including distribution, transmission, and gathering lines — in place in 2007.

Sales

- Gas utility sales increased 4.2 percent in 2007 to 8,565 trillion Btu.
- Residential sales increased 7.3 percent from 2006 levels.
- Commercial sales increased 4.4 percent.
- Industrial sales decreased 1.6 percent.
- Electric generation sales decreased 6.6 percent.

Prices

- The average retail natural gas price decreased 3.7 percent in 2007 compared to 2006.
- The average residential price increased 5.0 percent.
- Average commercial prices decreased 5.6 percent.
- Average industrial prices decreased 2.4 percent.

TABLE 1-1
GAS UTILITY INDUSTRY END-USERS, SALES, REVENUES AND PRICES BY CLASS OF SERVICE
2006 and 2007

	2006	2007	Percentage Change
END-USERS—TOTAL^a	65,020	65,389	0.6
Residential	60,147	60,534	0.6
Commercial	4,734	4,718	-0.3
Industrial	138	135	-2.1
Other	2	2	0.0
SALES—TOTAL^b	8,222	8,565	4.2
Residential	4,117	4,418	7.3
Commercial	1,861	1,943	4.4
Industrial	2,182	2,148	-1.6
Other	61	57	-6.6
REVENUES—TOTAL^c	91,928	92,131	0.2
Residential	53,961	55,028	2.0
Commercial	21,557	21,248	-1.4
Industrial	15,926	15,399	-3.3
Other	484	457	5.5
PRICES—TOTAL^d	\$11.18	\$10.77	-3.7
Residential	13.11	12.46	5.0
Commercial	11.58	10.93	-5.6
Industrial	7.62	7.44	-2.4
Other	7.71	8.05	4.4

^aYearly averages (Thousands)

^bSales quantities (Trillion Btu)

^cRevenues (\$ Million)

^dPrices (\$/Million Btu)

SECTION 2

NATURAL GAS RESERVES AND PRODUCING GAS WELLS

U.S. NATURAL GAS RESERVES AS OF DECEMBER 31

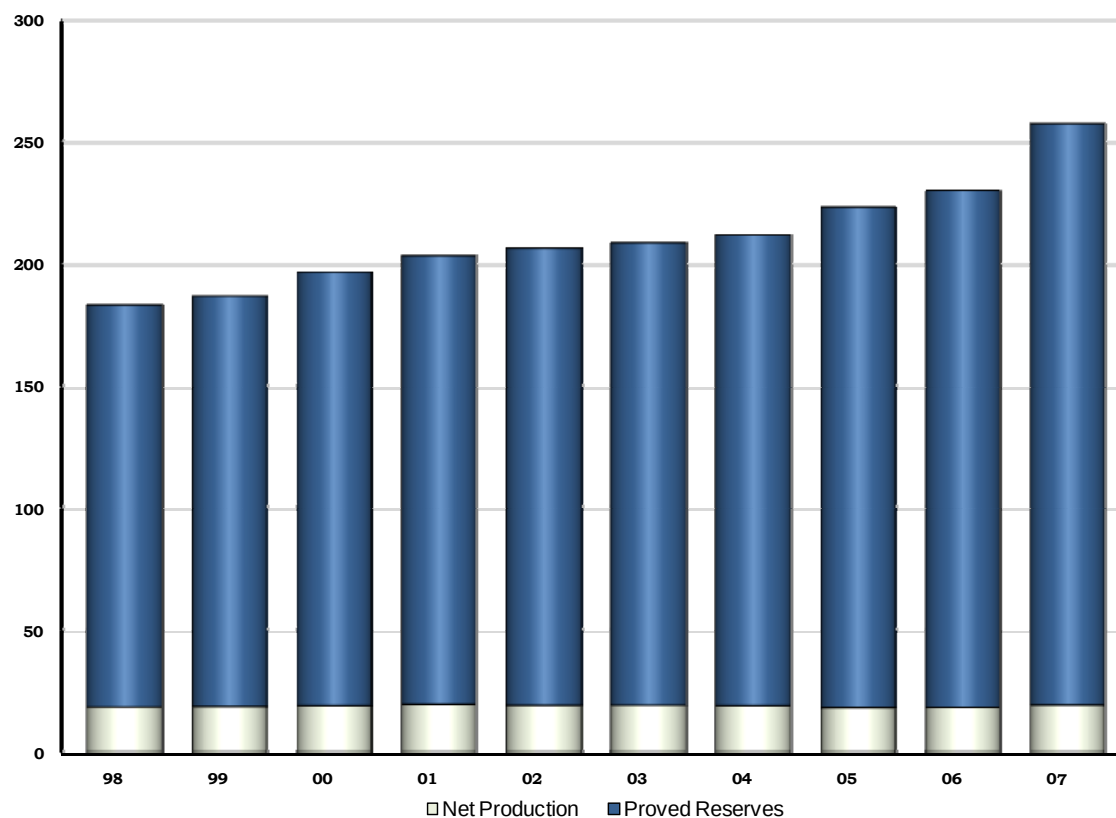
	<u>2007</u>	<u>% Change</u> <u>2007/2006</u>
Reserves (Billion Cubic Feet)		
Proved Reserves	237,726	+ 12.6
Discoveries	29,091	+ 4.6
Production	19,466	+ 5.0

U.S. NATURAL GAS WELLS

	<u>2007</u>	<u>% Change</u> <u>2006/2005</u>
Producing Wells	452,768	+ 2.7

NATURAL GAS RESERVES, PRODUCING GAS WELLS

Chart 2-1
**PROVED RECOVERABLE RESERVES & NET PRODUCTION
 OF NATURAL GAS IN THE UNITED STATES -- 1998-2007**
 (Trillion Cubic Feet)



Source: U.S. Department of Energy, Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, 2006 Annual Report

NATURAL GAS RESERVES, PRODUCING GAS WELLS

TABLE 2-1
SUMMARY OF ANNUAL ESTIMATES OF PROVED RESERVES OF NATURAL GAS IN THE UNITED STATES
1981-2007
(Billion Cubic Feet)

Year	Net of Corrections and Adjustments (1)	Revision Increases (2)	Revision Decreases (3)	Changes in Reserves during Year				Production Dry (8)	Proved Reserves ^b 12/31 (9)	Net Change from Prior Year (10)
				Extensions to Old Reservoirs (4)	Discoveries in Old Fields (5)	New Field Discoveries (6)	Total Discoveries ^a (7)			
1981	1,627	16,412	13,813	10,491	2,998	3,731	17,220	18,737	201,730	2,709
1982	2,378	19,795	19,340	8,349	3,419	2,687	14,455	17,506	201,512	(218)
1983	3,090	17,602	17,617	6,909	2,965	1,574	11,448	15,788	200,247	(1,265)
1984	(2,241)	17,841	14,712	8,299	2,686	2,536	13,521	17,193	197,463	(2,784)
1985	(1,708)	18,775	16,304	7,169	2,960	999	11,128	15,985	193,369	(4,094)
1986	1,320	21,269	17,697	6,065	1,771	1,099	8,935	15,610	191,586	(1,783)
1987	1,268	17,527	14,231	4,587	1,499	1,089	7,175	16,114	187,211	(4,375)
1988	2,193	23,367	38,427 ^c	6,803	1,909	1,638	10,350	16,670	168,024 ^c	(19,187) ^c
1989	3,013	26,673	23,643	6,339	2,243	1,450	10,032	16,983	167,116	(908)
1990	1,557	18,981	13,443	7,952	2,412	2,004	12,368	17,233	169,346	2,230
1991	2,960	19,890	15,474	5,090	1,604	848	7,542	17,202	167,062	(2,284)
1992	2,235	18,055	11,962	4,675	1,724	649	7,048	17,423	165,015	(2,047)
1993	972	17,597	12,248	6,103	1,866	899	8,868	17,789	162,415	(2,600)
1994	1,945	21,365	15,881	6,941	3,480	1,894	12,315	18,322	163,837	1,422
1995	580	20,465	12,731	6,843	2,452	1,666	10,961	17,966	165,146	1,309
1996	3,785	17,132	13,046	7,757	1,451	3,110	12,318	18,861	166,474	1,328
1997	(590)	21,658	16,756	10,585	2,681	2,382	15,648	19,211	167,223	749
1998	(1,635)	28,003	22,263	8,197	2,162	1,074	11,433	18,720	164,041	(3,182)
1999	982	42,167	31,663	7,043	2,196	1,568	10,807	18,928	167,041	3,365
2000	(891)	23,188	16,226	14,787	2,368	1,983	19,138	19,219	177,427	10,386
2001	(2,742)	18,358	20,676	16,380	2,800	3,578	22,758	19,779	183,460	6,033
2002	3,727	20,255	19,318	14,769	1,694	1,332	17,795	19,353	186,946	3,486
2003	2,841	19,912	21,550	16,454	1,610	1,222	19,286	19,425	189,044	2,098
2004	(114)	26,893	26,149	18,198	1,206	759	20,163	19,168	192,513	3,469
2005	1,887	22,353	19,654	21,050	1,208	942	23,200	18,458	204,385	11,872
2006	743	20,833	22,669	21,778	1,155	409	23,342	18,545	211,085	6,700
2007	1,147	32,174	16,713	21,707	1,188	796	29,091	19,466	237,726	26,641

^aCol 4 + Col 5 + Col 6 = Col 7

^bProved Reserves Prior Year = Col 9 + Col 1 + Col 2 - Col 3 + Col 7 - Col 8

^cAn unusually large revision decrease was made to North Slope dry natural gas reserves in 1988 because of lack of transportation to potential markets.

Note: "Old" means discovered in a prior year. "New" means discovered during the report year.

Source: U.S. Department of Energy, Energy Information Administration, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves*, 2006 Annual Report

NATURAL GAS RESERVES, PRODUCING GAS WELLS

TABLE 2-2
SUMMARY OF ANNUAL ESTIMATES OF ESTABLISHED RESERVES OF NATURAL GAS IN CANADA
1981-2007
(Million Cubic Feet)

Year	Reserves Remaining at Beginning of Year	Changes Due to		Change during Year
		Net Production	Reserves Remaining at End of Year	
1981	88,461,174	2,405,800	90,985,543	2,524,369
1982	90,985,541	2,466,895	91,982,275	996,734
1983	91,966,031	2,225,705	92,730,743	764,712
1984	92,730,742	2,804,502	99,687,016	6,956,274
1985	99,145,610	2,909,576	98,275,160	(870,450)
1986	98,811,812	2,731,846	97,448,391	(1,363,421)
1987	97,448,391	2,834,813	95,576,913	(1,871,478)
1988	95,576,913	3,588,700	94,787,604	(789,310)
1989	94,787,604	3,621,887	96,984,808	2,197,204
1990	96,984,808	3,787,039	96,734,257	(250,550)
1991	96,734,257	3,931,002	96,218,853	(515,404)
1992	96,218,853	4,223,754	94,823,417	(1,395,436)
1993	92,823,417	5,041,245	79,231,092	(15,592,325)
1994	79,231,092	5,170,052	67,366,603	(11,864,489)
1995	67,366,603	5,349,083	68,463,643	1,097,040
1996	68,463,643	5,621,497	65,349,743	(3,113,900)
1997	65,349,743	5,508,095	64,197,332	(1,152,410)
1998	64,197,332	5,850,041	62,027,104	(2,170,229)
1999	62,027,104	6,006,000 ^c	61,010,000 ^c	(1,017,000) ^c
2000	61,010,000 ^c	6,120,000 ^c	59,733,000 ^c	(1,277,000) ^c
2001	59,773,000 ^c	6,440,000 ^c	60,118,000 ^c	385,000 ^c
2002	61,118,000 ^c	6,395,100 ^c	59,069,000 ^c	(1,049,000) ^c
2003	59,069,000 ^c	6,068,000 ^c	56,577,000 ^c	(2,492,000) ^c
2004	59,577,000 ^c	6,183,000 ^c	56,543,000 ^c	(34,000) ^c
2005	56,543,000 ^c	6,227,000 ^c	57,946,000 ^c	1,403,000 ^c
2006	57,946,000 ^c	6,249,000 ^c	58,199,000 ^c	254,000 ^c
2007	57,280,000 ^c	6,488,000 ^c	57,530,000 ^c	250,000 ^c

^aVolumes are calculated at a pressure base of 14.65 psia and at a standard temperature of 60°F.

^bNot available

^cRounded

Parentheses, (), denote a volume decrease (negative number).

Sources: Canadian Association of Petroleum Producers for 1981 through 2006. Canadian Gas Association for 2007

TABLE 2-3
ESTIMATED ESTABLISHED REMAINING MARKETABLE RESERVES OF NATURAL GAS IN CANADA
BY PROVINCE^a
2006
(Billion Cubic Feet)

Province	Remaining Reserves December 31, 2005	Change During Year	Remaining Reserves - December 31, 2006		
			Total ^b	Net Non-Associated	Associated/ Dissolved
Canada	57,946	254	58,199	50,674	7,525
Total West Canada	56,939	133	57,072	49,547	7,526
Alberta	40,941	(790)	40,152	33,192	6,959
British Columbia	12,346	703	13,049	12,598	452
Mainland Territories	400	(36)	363	325	39
Saskatchewan	3,252	256	3,508	3,432	76
Total East Canada	1,007	120	1,127	1,127	0
Ontario	462	248	710	710	0
Other East Canada	4	0	4	4	0
East Coast Offshore	541	(128)	413	413	0

^aVolumes are calculated at a pressure base of 14.65 psia and at a standard temperature of 60°F.

^bUnderground storage not included.

Parentheses () denote a volume decrease (negative number).

Numbers may not add up to totals due to independent rounding.

Note: 2007 data not available at time of publication

Source: Canadian Association of Petroleum Producers

TABLE 2-4
CHANGES IN ESTIMATED ESTABLISHED REMAINING MARKETABLE RESERVES OF NATURAL GAS
IN CANADA BY PROVINCE DURING 2006^a
(Billion Cubic Feet)

Province	Remaining Reserves December 31, 2005	Gross Additions	Production ^b	Remaining Reserves December 31, 2006
Canada	57,946	6,503	6,249	58,199
Total West Canada	56,939	6,243	6,109	57,072
Alberta	40,941	4,039	4,828	40,152
British Columbia	12,346	1,729	1,026	13,049
Mainland Territories	400	(26)	10	363
Saskatchewan	3,252	501	245	3,508
Total East Canada	1,007	260	140	1,127
Ontario	462	260	12	710
Other East Canada	4	0	0	4
East Coast Offshore	541	0	128	413

^aVolumes are calculated at a pressure base of 14.65 psia and at a standard temperature of 60°F.

^bIncludes net change in underground storage.

Parentheses () denote a volume decrease (negative number).

Numbers may not add up to totals due to independent rounding.

Note: 2007 data not available at time of publication

Source: Canadian Association of Petroleum Producers

NATURAL GAS RESERVES, PRODUCING GAS WELLS

TABLE 2-5
NUMBER OF PRODUCING GAS WELLS BY STATE
1990-2007^{a,b}

Division and State	1990	1995	2000	2005	2006	2007
UNITED STATES	269,100	298,541	341,678	425,887^R	440,516^R	452,768
New England	0	0	0	0	0	0
Middle Atlantic	35,825	37,159	41,775	52,103	55,735	59,380
New Jersey	0	0	0	0	0	0
New York	5,525	6,134	5,775	5,449	5,985	6,680
Pennsylvania	30,300	31,025	36,000	46,654	49,750	52,700
East North Central	37,687	41,497	42,747	45,272	45,797	46,794
Illinois	356	372	280	316	316	316
Indiana	1,307	1,347	1,502	2,321	2,336	2,350
Michigan	1,438	5,258	7,068	8,900	9,200	9,712
Ohio	34,586	34,520	33,897	33,735	33,945	34,416
Wisconsin	0	0	0	0	0	0
West North Central	17,156	22,277	15,469	19,277	20,096	20,170
Iowa	0	0	0	0	0	0
Kansas	16,980	22,020	15,206	18,946	19,713	19,713
Minnesota	0	0	0	0	0	0
Missouri	8	15	0	0	0	0
Nebraska	11	87	98	114	114	186
North Dakota	103	99	94	148	200	200
South Dakota	54	56	71	69	69	71
South Atlantic	38,326	37,822	45,533	53,474	58,189	53,957
Delaware	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0
Florida	0	0	0	0	0	0
Georgia	0	0	0	0	0	0
Maryland	7	7	7	7	7	7
North Carolina	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0
Virginia	819	1,671	3,051	4,132	5,179	5,735
West Virginia	37,500	36,144	42,475	49,335	53,003	48,215
East South Central	15,350	17,372	19,223	21,774	24,285	25,774
Alabama	2,362	3,526	4,359	5,523	6,227	6,591
Kentucky	11,713	13,311	13,487	14,175	15,892	16,563
Mississippi	585	535	997	1,676	1,836	2,315
Tennessee	0	0	380	400	330	305
West South Central	95,255	102,525	101,784	133,83^R	133,598^R	137,718
Arkansas	2,952	3,988	4,000	3,462 ^R	3,814 ^R	4,773
Louisiana	16,889	14,169	15,700	18,838	17,459	18,145
Oklahoma	24,547	29,733	21,507	36,704	38,060	38,364
Texas	50,867	54,635	60,577	74,827	74,265 ^R	76,436
Mountain	28,899	38,775	73,809	96,435	98,701^R	104,626
Arizona	5	7	9	6	7	7
Colorado	5,741	7,017	22,442	22,691	20,568	22,949
Idaho	0	0	0	0	0	0
Montana	2,607	2,918	3,321	5,751	6,578	6,925
Nevada	0	0	4	4	4	4
New Mexico	17,124	23,510	33,948	40,157	41,634	42,644
Utah	822	1,127	4,178	4,092	4,858 ^R	5,197
Wyoming	2,600	4,196	9,907	23,734	25,052	26,900
Pacific	1,292	1,114	1,338	1,598	1,696	1,797
Alaska	111	100	152	227	231	239
California	1,162	997	1,169	1,356	1,451	1,540
Hawaii	0	0	0	0	0	0
Oregon	19	17	17	15	14	18
Washington	0	0	0	0	0	0
Gulf of Mexico^b	n.a	n.a	n.a	2,123	2,419^R	2,552

^aData pertain only to dry gas and condensate wells. Data as of December 31.

^bBeginning in 2001, the number of Federal offshore Gulf of Mexico producing gas and gas condensate wells is reported separately. For previous years, the well counts for the Federal offshore Gulf of Mexico were included in the well counts for the States of Alabama, Louisiana and Texas.

^RRevised

n.a. – Not Available

Source: Energy Information Administration, *Natural Gas Annual 2007*, January 2009

TABLE 2-6
CRUDE OIL AND NATURAL GAS WELLS DRILLED
1981-2007

Year	Crude Oil	Natural Gas	Dry	TOTAL
1981	43,598	20,166	27,789	91,553
1982	39,199	18,979	26,219	84,397
1983	37,120	14,564	24,153	75,837
1984	42,605	17,127	25,681	85,413
1985	35,261	14,324	21,211	70,796
1986	19,097	8,615	12,678	40,291
1987	16,164	8,055	11,112	35,331
1988	13,636	8,555	10,041	32,232
1989	10,204	9,539	8,188	27,931
1990 ^R	12,474	11,108	8,217	31,799
1991	11,770	9,526	7,596	28,892
1992	8,757	8,209	6,118	23,084
1993	8,407	10,017	6,328	24,752
1994	6,721	9,538	5,307	21,566
1995 ^R	7,915	7,969	4,787	20,671
1996 ^R	8,611	8,943	4,870	22,424
1997 ^R	11,044	11,435	5,848	28,327
1998 ^R	7,556	11,510	4,745	23,811
1999 ^R	4,734	11,899	3,517	20,150
2000 ^R	7,986	16,935	4,117	29,038
2001 ^R	8,805	21,959	4,539	35,303
2002 ^R	6,724	17,225	3,706	27,655
2003 ^R	8,026	20,587	3,898	32,511
2004 ^R	8,676	23,728	3,975	36,379
2005 ^R	10,381	27,780	4,512	42,673
2006 ^R	12,928	31,894	5,169	50,081
2007	12,974	32,481	5,127	50,582

^RRevised

Source: U.S. Department of Energy, Energy Information Administration, *Monthly Energy Review*, December 2008

SECTION 3

NATURAL GAS IMPORTS, EXPORTS AND SUPPLEMENTALS

	<u>2007</u>	<u>% Change</u> <u>2007/2006</u>
Imports (Billion cubic feet)	4,605	10.0
Exports (Billion cubic feet)	822	13.6

SUPPLY

TABLE 3-1
EXPORTS OF NATURAL GAS FROM THE UNITED STATES – 1982-2007
(Million Cubic Feet)

Year	TOTAL	Canada	Mexico ^b	Japan ^a	Russia
1982	51,727 ^R	162	1,707 ^R	49,858	0
1983	54,638 ^R	137 ^R	1,646	52,855	0
1984	54,753 ^R	128 ^R	1,786	52,840	0
1985	55,269	177 ^R	2,205 ^R	52,883	0
1986	61,271	9,203	1,896	50,172	0
1987	54,020	3,297	2,125	48,599	0
1988	73,638	19,738	2,327	51,573	0
1989	106,871	38,443	17,004	51,424	0
1990	85,565	17,359	15,659	52,546	0
1991	129,244	14,791	60,448	54,005	0
1992	216,282	67,777	95,973	52,532	0
1993	140,183	44,518	39,676	55,989	0
1994	161,738	52,556	46,500	62,682	0
1995	154,119	27,554	61,283	65,283	0
1996	153,393	51,905	33,840	67,648	0
1997	157,006	56,447	38,372	62,187	0
1998	159,007	39,891	53,165 ^R	65,951	0
1999	163,415	38,508	61,300	63,607	0
2000	243,716	72,586	105,520	65,610	0
2001	373,278	166,690	140,835	65,753	0
2002	516,233	189,313	263,481	63,439	0
2003	679,922	270,988	343,236 ^R	65,698	0
2004	854,138	394,585	397,453 ^R	62,099	0
2005	728,601	358,280	305,196	65,124	0
2006	723,958	341,065	322,128	60,765	0
2007	822,454	482,196	291,860	46,501	1,895

^aLNG exports from Alaska

^bIncludes LNG Exports beginning in 1998

^RRevised

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, December 2008

TABLE 3-2
PIPELINE IMPORTS OF NATURAL GAS TO THE UNITED STATES – 1982-2007
(Million Cubic Feet)

Year	TOTAL	Canada	Mexico
1982	878,198 ^R	783,406 ^R	94,792 ^R
1983	787,283 ^R	711,923	75,360 ^R
1984	806,869 ^R	755,368	51,501 ^R
1985	926,054 ^R	926,054 ^R	0
1986	748,780	748,780	0
1987	992,532	992,532	0
1988	1,276,322	1,276,322	0
1989	1,339,357	1,339,357	0
1990	1,448,065	1,448,065	0
1991	1,709,716	1,709,716	0
1992	2,094,387	2,094,387	0
1993	2,268,429	2,266,751	1,678
1994	2,573,061	2,566,049	7,013
1995	2,823,130	2,816,408	6,722
1996	2,897,138	2,883,277	13,862
1997	2,916,394	2,899,152	17,243
1998	3,066,605	3,052,073	14,532
1999	3,422,075	3,367,545	54,530
2000	3,555,567	3,543,966	11,601
2001	3,738,814 ^R	3,728,537	10,276
2002	3,786,733	3,784,978	1,755
2003	3,437,230	3,437,230	0
2004	3,606,543	3,606,543	0
2005	3,709,774	3,700,454	9,320
2006	3,602,744	3,589,995	12,749
2007	3,836,770	3,782,708	54,062

^RRevised

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, December 2008

SUPPLY

TABLE 3-3
LNG IMPORTS AND EXPORTS
1982-2007
(Million Cubic Feet)

Year	IMPORTS					EXPORTS		TOTAL NET
	Algeria	Egypt	Nigeria	Trinidad	Othera	Japan	Mexico	
1982	55,136	0	0	0	0	49,858	0	5,279
1983	131,124	0	0	0	0	52,855	0	78,269
1984	36,191	0	0	0	0	52,840	0	-16,649
1985	23,659	0	0	0	0	52,883	0	-29,224
1986	1,669	0	0	0	1,669	50,172	0	-48,503
1987	0	0	0	0	0	48,599	0	-48,599
1988	17,490	0	0	0	0	51,573	0	-34,083
1989	42,163	0	0	0	0	51,424	0	-9,262
1990	84,193	0	0	0	0	52,546	0	31,647
1991	63,596	0	0	0	0	54,005	0	9,591
1992	43,116	0	0	0	0	52,532	0	-9,415
1993	81,685	0	0	0	0	55,989	0	25,697
1994	50,778	0	0	0	0	62,682	0	-11,904
1995	17,918	0	0	0	0	65,283	0	-47,364
1996	35,325	0	0	0	4,949	67,648	0	-27,374
1997	65,675	0	0	0	12,103	62,187	0	15,591
1998	68,567	0	0	0	16,885	65,951	33	19,469
1999	75,763	0	0	50,777	36,890	63,607	275	99,548
2000	46,947	0	12,654	98,949	67,485	65,610	418	160,008
2001	64,945	0	37,966	98,009	37,207	65,753	465	171,908
2002	26,584	0	8,123	151,104	42,919	63,439	403	164,888
2003	53,423	0	50,067	378,069	24,959	65,698	376	440,444
2004	120,343	0	11,818	462,100	57,754	62,099	368	589,548
2005	97,157	72,540	8,149	439,246	14,168	65,124	242	565,894
2006	17,449	119,528	57,292	389,268	0	60,765	173	522,599
2007	77,299	114,580	95,028	447,758	36,146	46,501	87	724,224

*Other includes imports from Australia, Brunei, Equatorial Guinea, Indonesia, Malaysia, Oman, Qatar and United Arab Emirates.

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Monthly*, December 2008

SUPPLY

TABLE 3-4
SUPPLEMENTAL GAS SUPPLIES BY STATE
2006
(Million Cubic Feet)

Division and State	TOTAL	Synthetic Natural Gas	Propane- Air	Refinery Gas	Other ^a
UNITED STATES	63,132	53,788	1,169	375	7,800
New England	26	0	26	0	0
Connecticut	0	0	0	0	0
Maine	0	0	0	0	0
Massachusetts	15	0	15	0	0
New Hampshire	9	0	9	0	0
Rhode Island	0	0	0	0	0
Vermont	2	0	2	0	0
Middle Atlantic	537	0	158	0	379
New Jersey	379	0	0	0	379
New York	13	0	13	0	0
Pennsylvania	145	0	145	0	0
East North Central	1,254	0	363	337	554
Illinois	11	0	11	0	0
Indiana	635	0	81	0	554
Michigan	0	0	0	0	0
Ohio	608	0	271	337	0
Wisconsin	0	0	0	0	0
West North Central	51,296	51,110	149	38	0
Iowa	40	0	2	38	0
Kansas	0	0	0	0	0
Minnesota	54	0	54	0	0
Missouri	66	7	60	0	0
Nebraska	33	0	33	0	0
North Dakota	51,103	51,103	0	0	0
South Dakota	*	0	*	0	0
South Atlantic	341	0	341	0	0
Delaware	5	0	5	0	0
District of Columbia	0	0	0	0	0
Florida	0	0	0	0	0
Georgia	2	0	2	0	0
Maryland	245	0	245	0	0
North Carolina	0	0	0	0	0
South Carolina	*	0	*	0	0
Virginia	89	0	89	0	*
West Virginia	0	0	0	0	0
East South Central	124	0	124	0	0
Alabama	0	0	0	0	0
Kentucky	124	0	124	0	0
Mississippi	0	0	0	0	0
Tennessee	0	0	0	0	0
West South Central	0	0	0	0	0
Mountain	6,869	0	3	0	6,866
Arizona	0	0	0	0	0
Colorado	6,869	0	3	0	6,866
Idaho	0	0	0	0	0
Montana	0	0	0	0	0
Nevada	0	0	0	0	0
New Mexico	0	0	0	0	0
Utah	0	0	0	0	0
Wyoming	0	0	0	0	0
Pacific	2,683	2,679	4	0	0
Alaska	0	0	0	0	0
California	0	0	0	0	0
Hawaii	2,683	2,679	4	0	0
Oregon	0	0	0	0	0
Washington	0	0	0	0	0

^aIncludes coke oven gas, manufactured gas, biomass gas, and air injection for Btu stabilization

Numbers may not add up to totals due to independent rounding.

*Volume is less than 500,000 cubic feet.

Source: U.S. Department of Energy, Energy Information Administration, *Natural Gas Annual*, November 2007

SECTION 4

UNDERGROUND GAS STORAGE

	<u>2007</u>
Number of Sites	438
Est. Total Capacity (Billion cubic feet)	8,340
Est. Base Gas Capacity (Billion cubic feet)	4,350
Est. Working Gas Capacity (Billion cubic feet)	3,990
Maximum Deliverability (Billion cubic feet/day)	80

Source: American Gas Association, *2007 Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2009

UNDERGROUND STORAGE

TABLE 4-1
UNDERGROUND STORAGE SITES AND WORKING GAS CAPACITY
IN THE UNITED STATES

Year	Sites	States	Est. Working Gas Capacity (Billion Cubic Feet)	Maximum Deliverability (Million Cubic Feet/Day)
2007	438	30	3,990	79,998

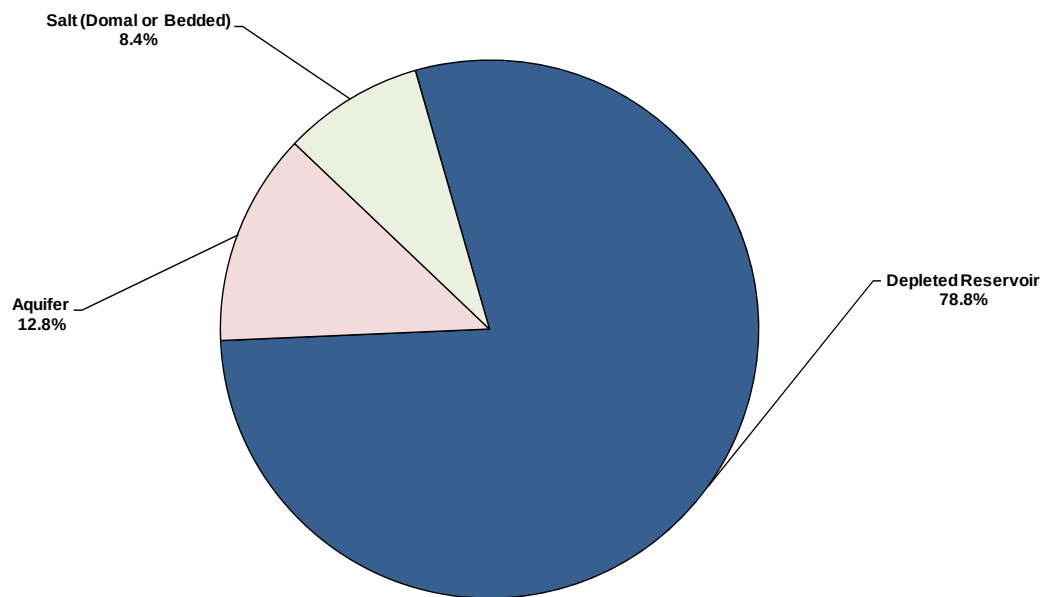
Source: American Gas Association, 2007 Survey of Underground Storage of Natural Gas in the United States and Canada, January 2009

TABLE 4-2
UNDERGROUND STORAGE BY RESERVOIR TYPE AND WORKING CAPACITY
2007

	Sites	States	Est. Working Gas Capacity (Billion Cubic Feet)	Est. Base Gas Capacity (Billion Cubic Feet)	Total Underground Storage Capacity (Billion Cubic Feet)
Depleted Reservoir	345	24	3,437	3,276	6,713
Aquifer	56	10	367	992	1,358
Salt (Domal or Bedded)	37	8	187	82	269
TOTAL	438	30	3,990	4,350	8,340

Source: American Gas Association, 2007 Survey of Underground Storage of Natural Gas in the United States and Canada, January 2009

Chart 4-1
Distribution of Underground Storage by Reservoir Type



Source: American Gas Association, 2007 Survey of Underground Storage of Natural Gas in the United States and Canada, January 2009

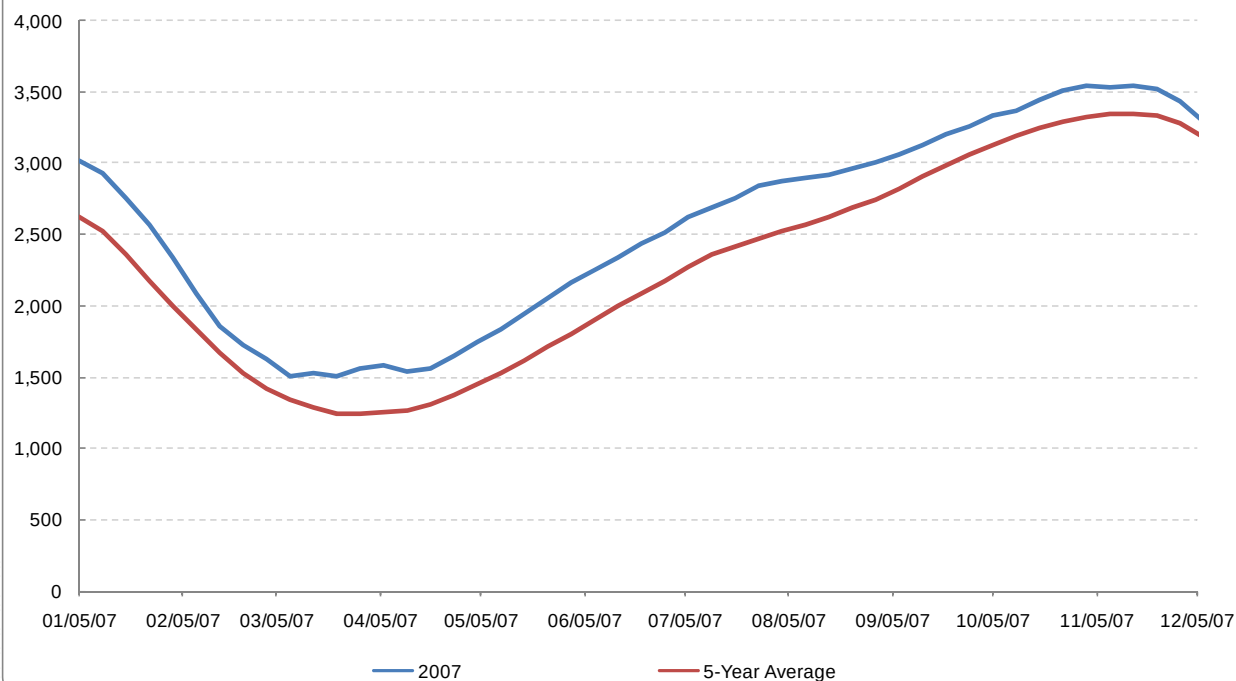
TABLE 4-3
DISTRIBUTION OF UNDERGROUND STORAGE BY RESERVOIR TYPE
IN THE UNITED STATES
2007

	Sites (%)	Working Gas (%)	Base Gas (%)
Depleted Reservoir	78.8	86.1	75.3
Aquifer	12.8	9.2	22.8
Salt (Domal or Bedded)	8.4	4.7	1.9
TOTAL	100	100	100

Numbers may not add up due to independent rounding.

Source: American Gas Association, 2007 Survey of Underground Storage of Natural Gas in the United States and Canada, January 2009

Chart 4-2
Total Working Gas in Storage
Comparison of 2007 to Prior 5-Year Average



Source: U.S. Department of Energy, Energy Information Administration, *Weekly Natural Gas Storage Report*

UNDERGROUND STORAGE

TABLE 4-4
WORKING GAS STORAGE SURVEY WEEKLY DATA
2007

Date	Regions			TOTAL U.S.
	Producing ^a	East ^b	West ^c	
Jan 05	933	1712	380	3025
Jan 12	913	1660	363	2936
Jan 19	852	1585	320	2757
Jan 26	807	1465	299	2571
Feb 02	744	1326	277	2347
Feb 09	676	1147	265	2088
Feb 16	616	996	253	1865
Feb 23	592	898	243	1733
Mar 02	586	820	225	1631
Mar 09	564	728	224	1516
Mar 16	584	718	231	1533
Mar 23	597	677	237	1511
Mar 30	629	702	238	1569
Apr 06	642	706	244	1592
Apr 13	636	663	247	1546
Apr 20	647	664	253	1564
Apr 27	672	716	263	1651
May 04	695	777	275	1747
May 11	717	838	287	1842
May 18	740	905	301	1946
May 25	768	970	315	2053
Jun 01	796	1036	331	2163
Jun 08	816	1097	342	2255
Jun 15	832	1157	355	2344
Jun 22	853	1224	366	2443
Jun 29	867	1278	376	2521
Jul 06	896	1348	383	2627
Jul 13	903	1396	393	2692
Jul 20	912	1455	396	2763
Jul 27	928	1511	401	2840
Aug 03	932	1544	406	2882
Aug 10	919	1573	411	2903
Aug 17	904	1613	409	2926
Aug 24	902	1657	410	2969
Aug 31	903	1696	406	3005
Sep 07	915	1746	408	3069
Sep 14	931	1787	414	3132
Sep 21	951	1831	424	3206
Sep 28	965	1864	434	3263
Oct 05	988	1907	441	3336
Oct 12	997	1932	446	3375
Oct 19	1020	1970	453	3443
Oct 26	1046	2004	459	3509
Nov 02	1063	2017	465	3545
Nov 09	1063	2002	471	3536
Nov 16	1071	1991	478	3540
Nov 23	1074	1977	477	3528
Nov 30	1045	1932	463	3440
Dec 07	1010	1831	453	3294
Dec 14	985	1757	431	3173
Dec 21	938	1657	413	3008
Dec 28	922	1604	395	2921

^aIncludes Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas and Mississippi.

^bIncludes all states east of the Mississippi River—except Mississippi and Alabama—and Iowa, Nebraska and Missouri.

^cIncludes all states west of the Mississippi River—except Iowa, Nebraska, and Missouri—and Producing Region states.

Source: U.S. Department of Energy, Energy Information Administration, *Weekly Natural Gas Storage Report*

TABLE 4-5
CANADIAN UNDERGROUND NATURAL GAS STORAGE STATISTICS
2007

	TOTAL CANADA	Alberta	British Columbia	Ontario	Quebec	Saskatchewan
Number of Facilities						
Depleted Reservoir	44	5	1	32	2	4
Salt Cavern	8	1	0	0	0	7
TOTAL	52	6	1	32	2	11
Working Gas Capacity (Bcf)						
Depleted Reservoir	565.8	233.5	48.0	244.1	5.0	35.2
Salt Cavern	17.9	3.7	0.0	0.0	0.0	14.3
TOTAL	583.8	237.1	48.0	244.1	5.0	49.5
Maximum Deliverability (Bcf/d)						
Depleted Reservoir	4.6*	3.6	0.7	n.a.	0.1	0.2
Salt Cavern	1.1	0.6	0.0	0.0	0.0	0.5
TOTAL	5.7*	4.2	0.7	n.a.	0.1	0.7

*Does Not Include Ontario

n.a. – Not Available

Source: American Gas Association, 2007 *Survey of Underground Storage of Natural Gas in the United States and Canada*, January 2009

UNDERGROUND STORAGE

SECTION 5

DISTRIBUTION AND TRANSMISSION

MILES OF PIPELINE

	<u>2007</u>	<u>% Change</u> <u>2007/2006</u>
MILES OF PIPELINE (Thousands)	2,335.0	+ 1.1
Gathering	19.1	- 4.0
Transmission	300.0	- 0.1
Distribution	1,201.1	- 1.1
Services	814.8	+ 5.2

Source: Tables in the section are compiled from U.S. Department of Transportation data

TABLE 5-1
GAS INDUSTRY MILES OF PIPELINE AND MAIN BY TYPE
1990-2007^a
 (Thousands)

Year	TOTAL ^a	Gathering	Transmission Pipeline	Distribution Main
1990	1,189.2	32.4	292.2	864.6
1991	1,208.2	32.7	294.1	891.4
1992	1,216.1	32.6	291.5	892.0
1993	1,277.2	32.1	293.3	951.8
1994	1,288.4	31.3	301.5	955.6
1995	1,277.6	30.9	296.9	949.8
1996	1,323.6	29.6	292.2	1,001.8
1997	1,331.8	34.7	294.0	1,003.1
1998	1,351.2	29.0	300.1	1,022.1
1999	1,340.3	31.8	301.0	1,007.5
2000	1,369.3	27.1	296.6	1,045.6
2001	1,373.5	20.1	287.1	1,066.3
2002	1,411.4	22.3	309.5	1,079.6
2003	1,424.2	22.3	304.0	1,097.9
2004	1,462.3	23.7	298.9	1,139.8
2005	1,437.5	23.3	296.4	1,117.8
2006	1,534.3	19.9	300.4	1,214.0
2007	1,520.2	19.1	300.0	1,201.1
Steel	875.6	17.7	298.5	559.4
Plastic	604.1	1.2	1.0	601.9
Other	40.5	0.2	0.5	39.8

^aExcludes service pipe and underground storage.

Numbers may not add up to totals due to independent rounding.

DISTRIBUTION AND TRANSMISSION

TABLE 5-2
GAS INDUSTRY MILES OF MAIN BY STATE
1990-2007

Division and State	1990	1995	2000	2005	2007
UNITED STATES	864,644	949,802	1,045,641	1,117,784	1,201,052
New England	28,288	30,492	32,281	35,768	34,658
Connecticut	6,495	6,774	7,084	7,465	7,564
Maine	345	381	452	602	642
Massachusetts	16,978	18,625	19,650	20,792	20,904
New Hampshire	1,342	1,402	1,609	3,066	1,818
Rhode Island	2,811	2,932	3,024	3,095	3,102
Vermont	317	378	462	748	627
Middle Atlantic	104,901	112,611	117,877	125,092	126,823
New Jersey	26,614	28,505	30,486	32,301	32,999
New York	39,570	42,946	44,681	46,444	46,988
Pennsylvania	38,717	41,160	42,710	46,348	46,836
East North Central	180,036	198,377	221,379	226,084	247,472
Illinois	43,618	52,098	52,801	45,647	60,289
Indiana	29,627	32,537	34,988	38,003	39,363
Michigan	41,474	45,188	50,434	54,054	55,495
Ohio	43,592	43,122	50,897	54,775	55,884
Wisconsin	21,725	25,432	32,259	33,605	36,441
West North Central	81,714	93,054	103,804	111,339	113,398
Iowa	15,589	15,325	16,679	20,343	17,319
Kansas	19,427	18,830	20,570	18,435	21,801
Minnesota	15,158	21,113	24,986	28,039	28,853
Missouri	22,228	21,572	23,781	25,721	26,184
Nebraska	5,214	10,252	10,861	11,930	12,157
North Dakota	1,953	1,620	2,461	2,723	2,825
South Dakota	2,145	4,342	4,466	4,149	4,259
South Atlantic	94,577	105,932	124,090	137,647	160,037
Delaware	1,452	1,795	2,144	2,422	2,665
District of Columbia	1,183	1,194	1,202	1,188	1,236
Florida	5,273	5,445	7,202	22,479	24,413
Georgia	28,713	32,870	37,113	39,583	40,847
Maryland	8,730	10,480	12,116	13,531	14,002
North Carolina	18,960	17,272	21,426	11,602	26,972
South Carolina	10,534	13,292	15,978	18,010	20,144
Virginia	11,570	14,514	17,435	19,242	20,024
West Virginia	8,162	9,070	9,474	9,590	9,734
East South Central	58,149	72,948	83,517	88,192	96,553
Alabama	18,435	21,794	23,811	26,964	28,688
Kentucky	11,611	13,855	14,848	15,779	16,213
Mississippi	11,542	11,951	13,581	14,124	15,356
Tennessee	16,561	25,348	31,277	31,325	36,295
West South Central	134,694	143,422	148,195	163,086	166,793
Arkansas	15,378	16,048	16,374	18,980	20,185
Louisiana	20,003	22,646	24,185	24,425	25,339
Oklahoma	22,591	22,403	21,520	23,992	23,243
Texas	76,722	82,325	86,116	95,690	98,026
Mountain	71,091	76,035	91,457	105,467	113,276
Arizona	17,654	15,716	17,838	21,488	23,172
Colorado	21,765	21,634	25,566	31,561	33,312
Idaho	3,213	4,881	5,986	7,033	7,494
Montana	4,115	5,092	5,645	6,494	6,459
Nevada	3,898	5,166	8,837	8,476	9,195
New Mexico	9,630	10,674	11,612	12,513	13,362
Utah	7,813	9,233	12,250	14,204	15,632
Wyoming	3,003	3,639	3,723	3,697	4,650
Pacific	111,194	116,931	123,041	125,108	142,042
Alaska	1,940	2,027	2,550	2,732	2,870
California	83,519	87,573	90,164	99,052	102,363
Hawaii	689	613	597	609	609
Oregon	12,394	11,301	11,906	14,199	14,813
Washington	12,652	15,417	17,824	8,516	21,386

Data not adjusted to common diameter equivalent. Mileage shown is as of end of year.

DISTRIBUTION AND TRANSMISSION

TABLE 5-3
GAS INDUSTRY MILES OF PIPELINE AND MAIN BY STATE AND TYPE OF MAIN
2007^{a,b}

Division and State	TOTAL	Field and Gathering	Transmission	Distribution
UNITED STATES	1,520,164	19,129	299,983	1,201,052
New England	37192	3	2,531	34,658
Connecticut	8148	0	584	7,564
Maine	1073	0	431	642
Massachusetts	22014	0	1,110	20,904
New Hampshire	2057	0	239	1,818
Rhode Island	3199	3	94	3,102
Vermont	698	0	71	627
Middle Atlantic	143,261	1,078	15,360	126,823
New Jersey	34448	0	1,449	32,999
New York	51902	512	4,402	46,988
Pennsylvania	56911	566	9,509	46,836
East North Central	286,586	1,188	37,926	247,472
Illinois	69551	1	9,261	60,289
Indiana	44535	12	5,160	39,363
Michigan	64911	420	8,996	55,495
Ohio	66806	756	10,166	55,884
Wisconsin	40783	0	4,342	36,441
West North Central	154,758	359	41,001	113,398
Iowa	25452	0	8,133	17,319
Kansas	36271	351	14,119	21,801
Minnesota	34285	0	5,432	28,853
Missouri	30233	0	4,049	26,184
Nebraska	17748	0	5,591	12,157
North Dakota	4931	8	2,098	2,825
South Dakota	5839	0	1,580	4,259
South Atlantic	184,902	579	24,286	160,037
Delaware	2952	0	287	2,665
District of Columbia	1256	0	20	1,236
Florida	29415	0	5,002	24,413
Georgia	45162	0	4,315	40,847
Maryland	14902	0	900	14,002
North Carolina	30937	0	3,965	26,972
South Carolina	22897	0	2,753	20,144
Virginia	23055	5	3,026	20,024
West Virginia	14324	573	4,017	9,734
East South Central	126,270	1,170	28,547	96,553
Alabama	35775	497	6,590	28,688
Kentucky	23908	508	7,187	16,213
Mississippi	25418	165	9,897	15,356
Tennessee	41168	0	4,873	36,295
West South Central	275,902	13,189	95,920	166,793
Arkansas	28198	509	7,504	20,185
Louisiana	58,112	4,642	28,131	25,339
Oklahoma	36,776	1,149	12,384	23,243
Texas	152,816	6,889	47,901	98,026
Mountain	151,506	1,053	37,177	113,276
Arizona	29769	0	6,597	23,172
Colorado	41626	587	7,727	33,312
Idaho	9030	0	1,536	7,494
Montana	10285	8	3,818	6,459
Nevada	10949	0	1,754	9,195
New Mexico	20118	447	6,309	13,362
Utah	18916	5	3,279	15,632
Wyoming	10814	6	6,158	4,650
Pacific	159,788	511	17,235	142,042
Alaska	3744	73	801	2,870
California	114866	438	12,065	102,363
Hawaii	631	0	22	609
Oregon	17205	0	2,392	14,813
Washington	23340	0	1,954	21,386

^aIncludes field and gathering, transmission and distribution main but excludes service pipe and underground storage.

^bData not adjusted to common diameter equivalent. Mileage shown as of end of year.

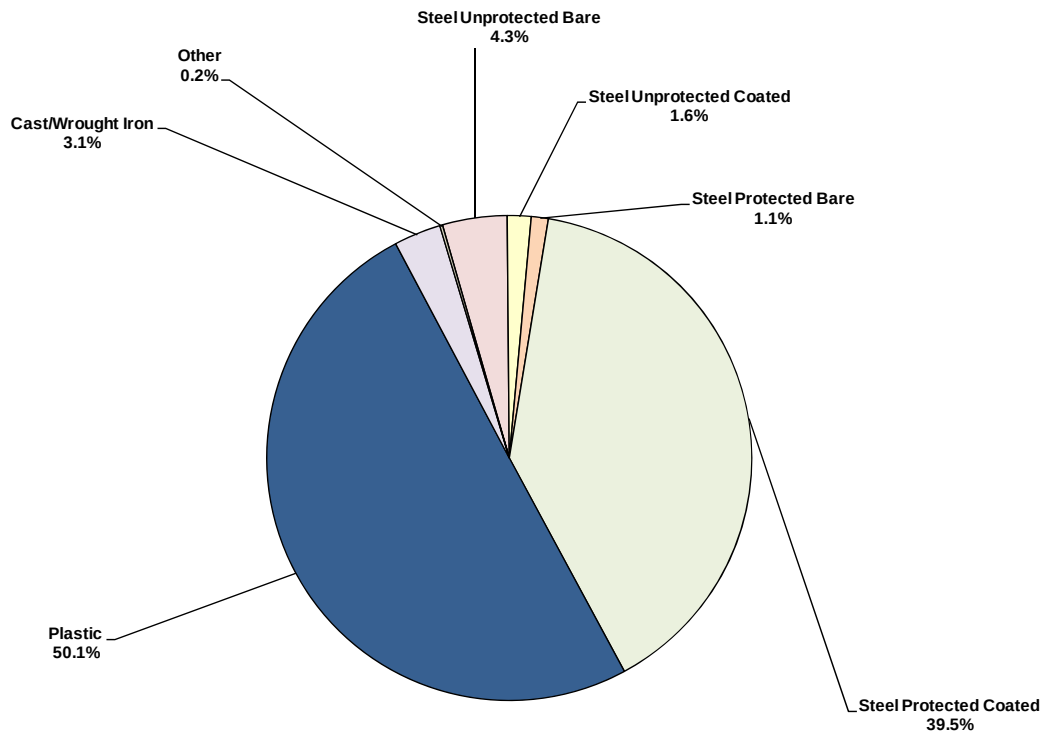
DISTRIBUTION AND TRANSMISSION

TABLE 5-4
MILES OF MAIN BY MATERIAL BY STATE
2007

Division and States	Steel Unprotected		Steel Cathodically Protected		Plastic	Cast Wrought Iron	Ductile Iron	Cooper	Other	Total Miles of Main All Material
	Bare	Coated	Bare	Coated						
UNITED STATES	51,772	19,020	13,650	474,908	601,878	37,669	904	36	1,217	1,201,052
New England	2,790	1,706	198	10,433	12,561	6,938	31	0	1	34,658
Connecticut	240	33	0	3,258	2,408	1,613	12	0	0	7,564
Maine	4	1	0	154	409	74	0	0	0	642
Massachusetts	2,054	1,410	198	5,530	7,524	4,185	2	0	0	20,904
New Hampshire	51	23	0	734	844	166	0	0	0	1,818
Rhode Island	440	240	0	564	941	900	17	0	1	3,102
Vermont	0	0	0	193	434	0	0	0	0	627
Middle Atlantic	18,330	3,770	883	38,083	51,620	13,860	250	3	25	126,823
New Jersey	2,062	871	9	10,735	13,743	5,555	20	1	3	32,999
New York	7,594	1,517	443	14,072	18,352	4,969	34	0	8	46,988
Pennsylvania	8,674	1,382	431	13,276	19,525	3,336	196	2	14	46,836
East North Central	10,294	4,726	1,057	112,624	110,867	6,991	336	8	568	247,472
Illinois	162	16	216	39,428	18,095	2,067	305	0	0	60,289
Indiana	1,007	184	12	17,630	20,104	407	18	0	0	39,363
Michigan	1,015	1,930	551	21,100	27,413	3,479	5	2	1	55,495
Ohio	8,111	2,596	275	21,297	22,077	1,038	8	3	480	55,884
Wisconsin	0	0	3	13,170	23,178	0	0	3	87	36,441
West North Central	1,759	485	5,630	43,298	59,852	2,180	17	1	175	113,398
Iowa	105	149	156	7,768	9,103	37	0	0	1	17,319
Kansas	931	1	3,099	7,456	9,968	168	6	0	173	21,801
Minnesota	529	330	121	7,079	20,692	102	0	0	0	28,853
Missouri	16	0	1,272	11,890	11,762	1,243	0	1	0	26,184
Nebraska	169	3	934	6,219	4,219	604	10	0	1	12,157
North Dakota	0	0	9	1,186	1,630	0	0	0	0	2,825
South Dakota	10	2	41	1,701	2,478	26	1	0	0	4,259
South Atlantic	6,009	1,497	188	59,566	89,389	3,204	155	17	13	160,037
Delaware	34	29	6	627	1,851	118	0	0	0	2,665
District of Columbia	31	68	0	317	377	443	0	0	0	1,236
Florida	1,363	426	72	10,208	12,006	327	0	0	11	24,413
Georgia	536	22	49	16,487	23,592	162	0	0	0	40,847
Maryland	435	136	1	5,333	6,634	1,460	2	0	0	14,002
North Carolina	0	0	0	10,744	16,206	20	0	0	2	26,972
South Carolina	0	0	10	8,467	11,668	0	0	0	0	20,144
Virginia	387	662	4	5,947	12,196	659	153	17	0	20,024
West Virginia	3,223	154	46	1,437	4,859	14	0	0	0	9,734
East South Central	1,320	675	1,184	42,625	48,276	2,283	114	6	69	96,553
Alabama	351	523	328	12,440	13,172	1,762	60	0	52	28,688
Kentucky	849	86	160	7,372	7,562	174	0	6	4	16,213
Mississippi	0	30	480	8,019	6,698	126	3	0	0	15,356
Tennessee	120	36	215	14,794	20,844	222	51	0	13	36,295
West South Central	7,090	321	3,049	70,603	83,508	1,860	0	0	362	166,793
Arkansas	772	54	904	7,468	10,655	240	0	0	91	20,185
Louisiana	9	21	925	14,592	9,135	601	0	0	57	25,339
Oklahoma	1,242	28	465	8,796	12,669	0	0	0	44	23,243
Texas	5,067	219	755	39,747	51,049	1,019	0	0	170	98,026
Mountain	315	217	1,269	37,363	73,996	111	0	0	5	113,276
Arizona	0	0	594	7,009	15,568	0	0	0	0	23,172
Colorado	247	175	108	12,239	20,432	111	0	0	0	33,312
Idaho	0	0	0	2,684	4,810	0	0	0	0	7,494
Montana	14	0	2	2,304	4,139	0	0	0	0	6,459
Nevada	0	1	0	1,316	7,878	0	0	0	0	9,195
New Mexico	1	40	483	5,762	7,075	0	0	0	0	13,362
Utah	0	0	0	3,680	11,952	0	0	0	0	15,632
Wyoming	53	1	82	2,368	2,141	0	0	0	5	4,650
Pacific	3,864	5,622	193	60,312	71,809	243	2	0	0	142,042
Alaska	8	0	1	573	2,287	0	2	0	0	2,870
California	3,595	5,601	158	42,979	49,849	183	0	0	0	102,363
Hawaii	141	0	0	165	303	0	0	0	0	609
Oregon	40	0	4	7,840	6,929	0	0	0	0	14,813
Washington	80	21	30	8,755	12,440	60	0	0	0	21,386

Miles of Main by Material and Diameter are available by Company to AGA Members companies through the eGus Data System. (www.aga.org/eGus).

Chart 5 - 1
2007 U.S. Miles of Main By Material



DISTRIBUTION AND TRANSMISSION

TABLE 5-5
NUMBER OF SERVICES BY MATERIAL BY STATE
2007

Division and States	Steel Unprotected		Steel Cathodically Protected		Plastic	Cast Wrought Iron	Ductile Iron	Cooper	Other	Total Miles of Main All Material
	Bare	Coated	Bare	Coated						
UNITED STATES	3,781,122	1,667,682	437,094	15,324,216	41,110,127	19,625	518	1,227,072	1,240,721	64,806,936
New England	356,045	94,554	0	279,758	1,071,092	2,446	1	14,104	137,018	1,955,018
Connecticut	72,013	8,325	0	68,883	237,168	69	0	1,404	15,474	403,336
Maine	830	0	0	1,057	18,635	0	0	13	0	20,535
Massachusetts	220,929	71,295	0	177,884	627,524	2,015	1	12,198	118,486	1,230,332
New Hampshire	8,602	2,132	0	15,221	56,662	179	0	309	1,511	84,616
Rhode Island	53,671	12,802	0	11,408	106,500	183	0	180	1,547	186,291
Vermont	0	0	0	5,305	24,603	0	0	0	0	29,908
Middle Atlantic	1,188,542	304,091	16,558	1,048,218	5,197,082	3,374	0	302,226	16,430	8,076,521
New Jersey	364,541	24,111	221	413,621	1,350,140	3	0	75,630	0	2,228,267
New York	434,637	176,276	13,223	343,942	1,943,210	3,368	0	201,134	9,770	3,125,560
Pennsylvania	389,364	103,704	3,114	290,655	1,903,732	3	0	25,462	6,660	2,722,694
East North Central	966,606	103,960	44,424	3,060,506	8,460,047	641	373	553,908	764,324	13,954,789
Illinois	17,757	342	13,838	878,713	1,910,784	71	373	112,711	731,968	3,666,557
Indiana	5,685	28,605	2,375	500,174	1,408,917	0	0	805	310	1,946,871
Michigan	57,828	9,371	17,795	745,840	2,034,962	530	0	328,940	26,893	3,222,159
Ohio	885,336	65,642	10,370	613,145	1,882,565	40	0	86,024	5,151	3,548,273
Wisconsin	0	0	46	322,634	1,222,819	0	0	25,428	2	1,570,929
West North Central	166,906	54,381	36,578	1,099,372	4,025,945	564	0	147,104	113,791	5,644,641
Iowa	2,986	13,361	7,458	295,779	565,177	554	0	14,471	240	900,026
Kansas	129,430	6,419	24,089	115,777	656,957	0	0	471	951	934,094
Minnesota	15,173	11,975	999	150,123	1,236,241	0	0	24,830	5,334	1,444,675
Missouri	17,581	20,609	414	238,056	1,129,683	0	0	92,086	84	1,498,513
Nebraska	908	241	1,421	203,194	216,973	10	0	15,119	106,867	544,733
North Dakota	0	452	67	46,923	90,942	0	0	17	0	138,401
South Dakota	828	1,324	2,130	49,520	129,972	0	0	110	315	184,199
South Atlantic	306,748	71,856	24,971	1,573,035	5,521,278	240	143	104,483	7,566	7,609,079
Delaware	1,806	16,863	0	17,589	112,923	1	0	5,865	1,044	156,091
District of Columbia	7,945	204	0	20,286	82,004	0	0	12,025	0	122,464
Florida	44,052	15,522	13,898	214,233	542,049	1	0	290	6,190	836,235
Georgia	42,668	8,488	5,440	421,410	1,439,545	12	0	60	39	1,917,662
Maryland	106,647	750	2	169,770	640,884	0	0	54,906	0	971,718
North Carolina	0	0	0	293,568	1,005,293	1	139	0	285	1,299,286
South Carolina	0	0	467	190,021	542,776	0	0	0	0	733,264
Virginia	17,165	28,204	17	178,213	901,629	225	4	31,180	0	1,156,637
West Virginia	86,465	1,825	5,147	67,945	254,175	0	0	157	8	415,722
East South Central	80,757	13,850	126,044	1,256,243	2,246,154	7,457	1	15,033	6,137	3,751,676
Alabama	52,638	8,795	110,737	269,779	598,370	1,346	0	1,209	5,332	1,048,206
Kentucky	25,361	2,474	7,755	265,744	520,183	6,105	0	10,966	222	838,810
Mississippi	14	728	3,751	307,814	276,229	1	0	190	0	588,733
Tennessee	2,744	1,853	3,795	412,906	851,372	5	1	2,668	583	1,275,927
West South Central	637,607	100,060	94,139	2,690,984	3,987,280	964	0	11,905	161,144	7,684,083
Arkansas	25,335	29,931	25,752	245,402	366,745	0	0	0	888	694,053
Louisiana	6,084	59,235	24,297	626,901	386,974	742	0	5,196	619	1,110,048
Oklahoma	37,934	2,557	19,574	458,868	674,028	130	0	0	1,065	1,194,156
Texas	568,254	8,337	24,516	1,359,813	2,559,533	92	0	6,709	158,572	4,685,826
Mountain	28,782	6,903	90,115	1,388,879	3,943,767	3,939	0	0	30,707	5,493,092
Arizona	0	0	15,680	208,364	994,879	0	0	0	0	1,218,923
Colorado	24,247	0	1,418	525,619	865,334	0	0	0	0	1,416,618
Idaho	0	0	0	100,559	281,989	0	0	0	569	383,117
Montana	718	225	12	116,579	165,441	0	0	0	0	282,975
Nevada	0	0	3	15,420	630,942	0	0	0	29,726	676,091
New Mexico	0	3,102	72,198	197,478	323,427	0	0	0	408	596,613
Utah	0	0	0	150,582	602,075	0	0	0	0	752,657
Wyoming	3,817	3,576	804	74,278	79,680	3,939	0	0	4	166,098
Pacific	49,129	918,027	4,265	2,927,221	6,657,482	0	0	78,309	3,604	10,638,037
Alaska	37	0	0	17,878	94,291	0	0	1,572	0	113,778
California	18,077	917,055	832	2,312,244	5,210,826	0	0	76,359	0	8,535,393
Hawaii	8,557	0	0	6,112	18,584	0	0	46	2,859	36,158
Oregon	1,255	0	963	259,001	481,030	0	0	0	0	742,249
Washington	21,203	972	2,470	331,986	852,751	0	0	332	745	1,210,459

Miles of Main by Material and Diameter are available by Company to AGA Members companies through the eGus Data System. (www.aga.org/eGus).

Chart 5 - 2
2007 U.S. Number of Services By Material

