

Table 5. U.S. natural gas exports, 2014-2016

(volumes in million cubic feet; prices in dollars per thousand cubic feet)

	2016 11-Month YTD	2015 11-Month YTD	2014 11-Month YTD	November	October	September	August	2016 July
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	673,931	642,044	695,927	74,559	R43,471	61,499	55,012	49,750
Mexico	1,247,576	954,319	664,912	118,328	R127,867	121,461	130,253	120,774
Total Pipeline Exports	1,921,506	1,596,363	1,360,839	192,887	R171,338	182,961	185,265	170,524
LNG								
Exports								
By Vessel								
Argentina	16,661	0	0	0	0	0	2,190	0
Barbados	77	0	0	18	15	14	11	8
Brazil	9,196	0	0	0	0	0	3,933	0
Chile	29,405	0	0	2,940	0	0	9,518	6,074
China	10,473	0	0	7,341	0	0	0	3,132
Dominican Republic	2,945	0	0	0	0	0	2,945	0
India	16,915	0	0	3,115	0	3,639	3,701	0
Italy	3,328	0	0	3,328	0	0	0	0
Japan	0	8,262	13,310	0	0	0	0	0
Jordan	9,870	0	0	0	2,942	3,362	0	3,566
Kuwait	7,068	0	0	0	0	3,458	0	0
Mexico	20,301	0	0	13,300	0	3,315	3,686	0
Portugal	3,700	0	0	0	0	0	0	0
Spain	2,930	0	0	0	0	0	0	2,930
Taiwan	0	8,257	0	0	0	0	0	0
Turkey	5,827	0	0	2,886	0	2,941	0	0
United Arab Emirates	3,391	0	0	0	0	0	0	0
By Truck								
Canada	2	41	91	0	R1	0	0	0
Mexico	333	168	161	48	42	35	30	28
Re-Exports								
By Vessel								
Argentina	612	0	0	0	0	0	612	0
Brazil	1,433	5,533	2,664	0	0	0	142	0
Egypt	0	2,947	0	0	0	0	0	0
India	547	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	145,016	25,208	16,226	32,976	R3,000	16,764	26,768	15,739
CNG								
Canada	191	187	194	22	R11	0	0	20
Total CNG Exports	191	187	194	22	R11	0	0	20
Total Exports	2,066,713	1,621,758	1,377,260	225,885	R174,349	199,725	212,033	186,283
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.43	3.23	6.30	2.71	R2.72	2.83	2.65	2.73
Mexico	2.56	2.87	4.70	2.76	3.17	3.07	2.93	2.80
Total Pipeline Exports	2.52	3.01	5.52	2.74	R3.06	2.99	2.84	2.78
LNG								
Exports								
By Vessel								
Argentina	4.47	--	--	--	--	--	4.51	--
Barbados	10.15	--	--	10.00	10.00	10.00	10.00	10.00
Brazil	4.39	--	--	--	--	--	5.29	--
Chile	5.30	--	--	5.64	--	--	5.53	5.82
China	3.94	--	--	3.21	--	--	--	5.66
Dominican Republic	5.41	--	--	--	--	--	5.41	--
India	4.92	--	--	5.74	--	5.00	5.01	--
Italy	6.32	--	--	6.32	--	--	--	--
Japan	--	7.50	15.74	--	--	--	--	--
Jordan	5.11	--	--	--	R3.52	5.74	--	5.81
Kuwait	4.40	--	--	--	--	5.58	--	--
Mexico	4.71	--	--	4.64	--	5.53	4.23	--
Portugal	3.58	--	--	--	--	--	--	--
Spain	4.92	--	--	--	--	--	--	4.92
Taiwan	--	7.49	--	--	--	--	--	--
Turkey	3.36	--	--	3.30	--	R3.41	--	--
United Arab Emirates	4.18	--	--	--	--	--	--	--
By Truck								
Canada	7.50	12.36	14.47	--	7.70	--	--	--
Mexico	9.77	10.36	12.43	9.72	10.06	9.78	9.72	9.76
Re-Exports								
By Vessel								
Argentina	4.51	--	--	--	--	--	4.51	--
Brazil	3.64	15.20	15.51	--	--	--	4.57	--
Egypt	--	16.71	--	--	--	--	--	--
India	3.99	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	4.72	10.29	15.66	4.58	R3.65	R5.11	5.13	5.63
CNG								
Canada	3.17	5.77	12.18	2.55	R2.53	--	--	3.88
Total CNG Exports	3.17	5.77	12.18	2.55	R2.53	--	--	3.88
Total Exports	2.67	3.12	5.64	3.01	R3.07	R3.17	3.13	3.02

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

(volumes in million cubic feet; prices in dollars per thousand cubic feet) – continued

	2016						2015	
	June	May	April	March	February	January	Total	December
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	50,715	62,768	62,931	81,403	62,192	69,629	700,647	58,603
Mexico	113,570	113,229	102,605	103,413	97,234	98,841	1,054,271	99,952
Total Pipeline Exports	164,285	175,997	165,537	184,816	159,426	168,470	1,754,918	158,555
LNG								
Exports								
By Vessel								
Argentina	8,161	0	6,310	0	0	0	0	0
Barbados	2	1	3	2	2	0	0	0
Brazil	0	0	0	3,270	1,993	0	0	0
Chile	4,643	6,230	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
India	3,617	0	0	2,844	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	0	0	0	8,262	0
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	3,610	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Portugal	0	0	3,700	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	8,257	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	3,391	0	0	0	0
By Truck								
Canada	0	0	0	0	0	2	41	0
Mexico	22	33	23	24	24	25	195	27
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	1,290	0	5,533	0
Egypt	0	0	0	0	0	0	2,947	0
India	0	0	0	547	0	0	0	0
Turkey	0	0	0	0	0	0	3,145	3,145
Total LNG Exports	16,445	9,874	10,036	10,078	3,309	26	28,381	3,172
CNG								
Canada	18	25	28	21	22	25	214	27
Total CNG Exports	18	25	28	21	22	25	214	27
Total Exports	180,747	185,897	175,601	194,915	162,757	168,521	1,783,512	161,754
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.23	1.98	2.07	1.99	2.34	2.66	3.15	2.30
Mexico	2.46	2.07	2.03	1.88	2.20	2.45	2.81	2.30
Total Pipeline Exports	2.39	2.04	2.05	1.93	2.26	2.54	2.95	2.30
LNG								
Exports								
By Vessel								
Argentina	4.71	--	4.16	--	--	--	--	--
Barbados	10.00	10.00	10.00	15.19	10.00	--	--	--
Brazil	--	--	--	3.83	3.54	--	--	--
Chile	4.69	4.72	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	4.77	--	--	3.98	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	--	--	--	--	7.50	--
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	3.27	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Portugal	--	--	3.58	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	7.49	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	4.18	--	--	--	--
By Truck								
Canada	--	--	--	--	--	7.41	12.36	--
Mexico	9.43	9.67	8.99	8.96	10.16	10.96	10.44	10.90
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	3.54	--	15.20	--
Egypt	--	--	--	--	--	--	16.71	--
India	--	--	--	3.98	--	--	--	--
Turkey	--	--	--	--	--	--	15.99	15.99
Total LNG Exports	4.72	4.21	3.96	4.01	3.59	10.74	10.92	15.95
CNG								
Canada	2.80	3.22	2.58	3.05	2.42	5.09	5.73	5.46
Total CNG Exports	2.80	3.22	2.58	3.05	2.42	5.09	5.73	5.46
Total Exports	2.60	2.15	2.16	2.04	2.28	2.54	3.07	2.57

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

(volumes in million cubic feet; prices in dollars per thousand cubic feet) – continued

	2015							
	November	October	September	August	July	June	May	April
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	61,260	57,430	59,695	40,986	39,995	44,658	44,672	53,086
Mexico	91,490	98,314	100,111	101,131	101,031	90,724	86,805	77,196
Total Pipeline Exports	152,750	155,744	159,806	142,117	141,027	135,382	131,477	130,283
LNG								
Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	2,755	0	2,753	2,753	0	0	0
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	2,755	0	0	2,754	2,748	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0
By Truck								
Canada	1	0	2	0	5	6	6	6
Mexico	21	14	11	10	13	14	15	18
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Egypt	2,947	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	2,969	2,769	2,767	2,763	2,771	2,774	2,769	24
CNG								
Canada	20	4	0	5	23	23	28	21
Total CNG Exports	20	4	0	5	23	23	28	21
Total Exports	155,739	158,517	162,573	144,885	143,820	138,179	134,274	130,328
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.50	2.76	2.97	2.97	2.84	2.85	2.85	2.91
Mexico	2.26	2.61	2.77	3.00	3.01	2.94	2.86	2.77
Total Pipeline Exports	2.36	2.66	2.84	2.99	2.96	2.91	2.85	2.83
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	6.51	--	7.90	8.08	--	--	--
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	7.16	--	--	7.80	7.50	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
By Truck								
Canada	6.81	--	10.18	--	13.39	12.01	12.14	11.88
Mexico	10.59	10.48	9.81	9.94	9.96	10.01	9.96	10.03
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Egypt	16.71	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	16.67	6.53	7.17	7.91	8.10	7.82	7.53	10.53
CNG								
Canada	4.80	3.42	--	2.08	2.91	2.44	2.37	3.35
Total CNG Exports	4.80	3.42	--	2.08	2.91	2.44	2.37	3.35
Total Exports	2.63	2.73	2.92	3.09	3.06	3.01	2.95	2.83

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

(volumes in million cubic feet; prices in dollars per thousand cubic feet) – continued

	2015				2014			
	March	February	January	Total	December	November	October	September
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	89,639	77,594	73,028	769,258	73,331	62,327	51,838	52,153
Mexico	74,286	64,596	68,635	728,513	63,601	58,487	60,318	64,834
Total Pipeline Exports	163,925	142,190	141,663	1,497,771	136,932	120,814	112,156	116,987
LNG								
Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	0	0	0	13,310	0	0	2,884	2,886
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0
By Truck								
Canada	6	4	6	99	8	7	7	6
Mexico	17	16	21	181	20	20	13	12
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	2,728	2,805	2,664	0	0	0	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	23	2,748	2,832	16,255	28	27	2,904	2,904
CNG								
Canada	20	17	27	217	22	20	9	0
Total CNG Exports	20	17	27	217	22	20	9	0
Total Exports	163,967	144,955	144,522	1,514,242	136,982	120,861	115,069	119,891
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.71	4.39	3.63	6.10	4.28	4.64	3.96	3.98
Mexico	3.03	3.10	3.38	4.65	4.19	4.23	4.20	4.25
Total Pipeline Exports	3.40	3.81	3.51	5.40	4.24	4.44	4.09	4.13
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	--	--	--	15.74	--	--	15.12	15.76
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
By Truck								
Canada	12.77	12.77	13.27	14.48	14.55	13.70	13.83	14.48
Mexico	10.52	10.62	11.27	12.50	13.08	11.65	11.44	11.47
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	12.89	17.44	15.51	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	11.10	12.87	17.39	15.66	13.50	12.17	15.10	15.74
CNG								
Canada	10.08	10.53	11.89	12.40	14.30	3.47	3.47	--
Total CNG Exports	10.08	10.53	11.89	12.40	14.30	3.47	3.47	--
Total Exports	3.41	3.98	3.78	5.51	4.25	4.44	4.37	4.41

See footnotes at end of table.

Table 5. U.S. natural gas exports, 2014-2016

(volumes in million cubic feet; prices in dollars per thousand cubic feet) – continued

	2014							
	August	July	June	May	April	March	February	January
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	46,888	55,096	54,581	49,976	65,157	91,436	84,535	81,939
Mexico	65,624	69,366	65,247	62,199	56,719	58,019	51,291	52,807
Total Pipeline Exports	112,513	124,462	119,828	112,175	121,877	149,455	135,827	134,746
LNG								
Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Italy	0	0	0	0	0	0	0	0
Japan	2,846	2,809	0	1,886	0	0	0	0
Jordan	0	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0	0
By Truck								
Canada	7	7	7	9	9	11	12	8
Mexico	10	11	10	12	16	17	18	21
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	2,664	0
Egypt	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0	0
Total LNG Exports	2,863	2,827	17	1,907	25	28	2,694	29
CNG								
Canada	0	12	19	22	26	25	29	32
Total CNG Exports	0	12	19	22	26	25	29	32
Total Exports	115,376	127,301	119,864	114,105	121,928	149,508	138,550	134,807
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	3.94	4.37	4.81	4.78	5.04	10.13	11.42	6.49
Mexico	4.19	4.57	4.81	4.86	4.81	5.16	6.16	4.76
Total Pipeline Exports	4.09	4.48	4.81	4.82	4.93	8.20	9.44	5.81
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--
Japan	16.03	16.03	--	15.81	--	--	--	--
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
By Truck								
Canada	13.76	14.28	13.44	14.58	14.45	15.24	15.24	15.01
Mexico	11.24	11.85	12.00	12.59	12.51	13.69	13.67	13.17
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	15.51	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	16.01	16.01	12.58	15.78	13.23	14.31	15.49	13.70
CNG								
Canada	--	4.27	5.19	4.79	6.37	14.75	27.07	21.76
Total CNG Exports	--	4.27	5.19	4.79	6.37	14.75	27.07	21.76
Total Exports	4.38	4.74	4.81	5.01	4.93	8.20	9.56	5.82

R Revised data.

-- Not applicable.

Notes: In the case of missing import or export reports on Form FE-746R, "Import and Export of Natural Gas," EIA estimates the missing volumes using pipeline flows or other available information. LNG re-exports are shipments of LNG to foreign countries that were previously imported, offloaded into above-ground LNG storage tanks, and then subsequently reloaded onto tankers for delivery to other countries. Prices are in nominal dollars.

Source: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports."