

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

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

	2016	2015	2014	2016				
	10-Month YTD	10-Month YTD	10-Month YTD	October	September	August	July	June
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	625,686	580,783	633,600	69,786	61,499	55,012	49,750	50,715
Mexico	1,128,808	862,829	606,425	127,427	R121,461	130,253	R120,774	113,570
Total Pipeline Exports	1,754,494	1,443,613	1,240,025	197,213	R182,961	185,265	R170,524	164,285
LNG								
Exports								
By Vessel								
Argentina	16,661	0	0	0	0	2,190	0	8,161
Barbados	59	0	0	15	14	11	8	2
Brazil	9,196	0	0	0	0	3,933	0	0
Chile	26,465	0	0	0	0	9,518	6,074	4,643
China	3,132	0	0	0	0	0	3,132	0
Dominican Republic	2,945	0	0	0	0	2,945	0	0
India	13,801	0	0	0	3,639	3,701	0	3,617
Japan	0	8,262	13,310	0	0	0	0	0
Jordan	9,870	0	0	2,942	3,362	0	3,566	0
Kuwait	7,068	0	0	0	3,458	0	0	0
Mexico	7,001	0	0	0	3,315	3,686	0	0
Portugal	3,700	0	0	0	0	0	0	0
Spain	2,930	0	0	0	0	0	2,930	0
Taiwan	0	8,257	0	0	0	0	0	0
Turkey	2,941	0	0	0	2,941	0	0	0
United Arab Emirates	3,391	0	0	0	0	0	0	0
By Truck								
Canada	2	41	84	0	0	0	0	0
Mexico	285	147	141	42	35	30	28	22
Re-Exports								
By Vessel								
Argentina	612	0	0	0	0	612	0	0
Brazil	1,433	5,533	2,664	0	0	142	0	0
Egypt	0	0	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	112,039	22,239	16,199	2,999	16,764	26,768	15,739	16,445
CNG								
Canada	158	167	174	*	0	0	20	18
Total CNG Exports	158	167	174	*	0	0	20	18
Total Exports	1,866,692	1,466,019	1,256,398	200,213	R199,725	212,033	R186,283	180,747
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.42	3.30	6.46	2.81	2.83	2.65	2.73	2.23
Mexico	2.54	2.93	4.74	3.17	3.07	2.93	R2.80	2.46
Total Pipeline Exports	2.50	3.08	5.62	3.04	2.99	R2.84	2.78	2.39
LNG								
Exports								
By Vessel								
Argentina	4.47	--	--	--	--	4.51	--	4.71
Barbados	10.20	--	--	10.00	10.00	10.00	10.00	10.00
Brazil	4.39	--	--	--	--	5.29	--	--
Chile	5.26	--	--	--	--	5.53	5.82	4.69
China	5.66	--	--	--	--	--	5.66	--
Dominican Republic	5.41	--	--	--	--	5.41	--	--
India	4.73	--	--	--	5.00	5.01	--	4.77
Japan	--	7.50	15.74	--	--	--	--	--
Jordan	6.03	--	--	6.64	5.74	--	5.81	--
Kuwait	4.40	--	--	--	5.58	--	--	--
Mexico	4.85	--	--	--	5.53	4.23	--	--
Portugal	3.58	--	--	--	--	--	--	--
Spain	4.92	--	--	--	--	--	4.92	--
Taiwan	--	7.49	--	--	--	--	--	--
Turkey	6.53	--	--	--	6.52	--	--	--
United Arab Emirates	4.18	--	--	--	--	--	--	--
By Truck								
Canada	7.41	12.47	14.54	--	--	--	--	--
Mexico	9.77	10.33	12.54	10.06	9.78	9.72	9.76	9.43
Re-Exports								
By Vessel								
Argentina	4.51	--	--	--	--	4.51	--	--
Brazil	3.64	15.20	15.51	--	--	4.57	--	--
Egypt	--	--	--	--	--	--	--	--
India	3.99	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	4.93	9.44	15.67	6.70	5.65	5.13	5.63	4.72
CNG								
Canada	3.32	5.88	13.19	10.19	--	--	3.88	2.80
Total CNG Exports	3.32	5.88	13.19	10.19	--	--	3.88	2.80
Total Exports	2.64	3.18	5.75	3.09	3.21	3.13	3.02	2.60

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		
	May	April	March	February	January	Total	December	November
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	62,768	62,931	81,403	62,192	69,629	700,647	58,603	61,260
Mexico	113,229	102,605	103,413	97,234	98,841	1,054,271	99,952	91,490
Total Pipeline Exports	175,997	165,537	184,816	159,426	168,470	1,754,918	158,555	152,750
LNG								
Exports								
By Vessel								
Argentina	0	6,310	0	0	0	0	0	0
Barbados	1	3	2	2	0	0	0	0
Brazil	0	0	3,270	1,993	0	0	0	0
Chile	6,230	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	2,844	0	0	0	0	0
Japan	0	0	0	0	0	8,262	0	0
Jordan	0	0	0	0	0	0	0	0
Kuwait	3,610	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0
Portugal	0	3,700	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	8,257	0	0
Turkey	0	0	0	0	0	0	0	0
United Arab Emirates	0	0	3,391	0	0	0	0	0
By Truck								
Canada	0	0	0	0	2	41	0	1
Mexico	33	23	24	24	25	195	27	21
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	1,290	0	5,533	0	0
Egypt	0	0	0	0	0	2,947	0	2,947
India	0	0	547	0	0	0	0	0
Turkey	0	0	0	0	0	3,145	3,145	0
Total LNG Exports	9,874	10,036	10,078	3,309	26	28,381	3,172	2,969
CNG								
Canada	25	28	21	22	25	214	27	20
Total CNG Exports	25	28	21	22	25	214	27	20
Total Exports	185,897	175,601	194,915	162,757	168,521	1,783,512	161,754	155,739
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	1.98	2.07	1.99	2.34	2.66	3.15	2.30	2.50
Mexico	2.07	2.03	1.88	2.20	2.45	2.81	2.30	2.26
Total Pipeline Exports	2.04	2.05	1.93	2.26	2.54	2.95	2.30	2.36
LNG								
Exports								
By Vessel								
Argentina	--	4.16	--	--	--	--	--	--
Barbados	10.00	10.00	15.19	10.00	--	--	--	--
Brazil	--	--	3.83	3.54	--	--	--	--
Chile	4.72	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	3.98	--	--	--	--	--
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	--	6.81
Mexico	9.67	8.99	8.96	10.16	10.96	10.44	10.90	10.59
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	3.54	--	15.20	--	--
Egypt	--	--	--	--	--	16.71	--	16.71
India	--	--	3.98	--	--	--	--	--
Turkey	--	--	--	--	--	15.99	15.99	--
Total LNG Exports	4.21	3.96	4.01	3.59	10.74	10.92	15.95	16.67
CNG								
Canada	3.22	2.58	3.05	2.42	5.09	5.73	5.46	4.80
Total CNG Exports	3.22	2.58	3.05	2.42	5.09	5.73	5.46	4.80
Total Exports	2.15	2.16	2.04	2.28	2.54	3.07	2.57	2.63

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
	October	September	August	July	June	May	April	March
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	57,430	59,695	40,986	39,995	44,658	44,672	53,086	89,639
Mexico	98,314	100,111	101,131	101,031	90,724	86,805	77,196	74,286
Total Pipeline Exports	155,744	159,806	142,117	141,027	135,382	131,477	130,283	163,925
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
Japan	2,755	0	2,753	2,753	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	2,755	0	0	2,754	2,748	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	0	2	0	5	6	6	6	6
Mexico	14	11	10	13	14	15	18	17
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	0	0	0	0	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	2,769	2,767	2,763	2,771	2,774	2,769	24	23
CNG								
Canada	4	0	5	23	23	28	21	20
Total CNG Exports	4	0	5	23	23	28	21	20
Total Exports	158,517	162,573	144,885	143,820	138,179	134,274	130,328	163,967
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.76	2.97	2.97	2.84	2.85	2.85	2.91	3.71
Mexico	2.61	2.77	3.00	3.01	2.94	2.86	2.77	3.03
Total Pipeline Exports	2.66	2.84	2.99	2.96	2.91	2.85	2.83	3.40
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
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	--	10.18	--	13.39	12.01	12.14	11.88	12.77
Mexico	10.48	9.81	9.94	9.96	10.01	9.96	10.03	10.52
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	6.53	7.17	7.91	8.10	7.82	7.53	10.53	11.10
CNG								
Canada	3.42	--	2.08	2.91	2.44	2.37	3.35	10.08
Total CNG Exports	3.42	--	2.08	2.91	2.44	2.37	3.35	10.08
Total Exports	2.73	2.92	3.09	3.06	3.01	2.95	2.83	3.41

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

	2015						2014	
	February	January	Total	December	November	October	September	August
Exports								
Volume (million cubic feet)								
Pipeline								
Canada	77,594	73,028	769,258	73,331	62,327	51,838	52,153	46,888
Mexico	64,596	68,635	728,513	63,601	58,487	60,318	64,834	65,624
Total Pipeline Exports	142,190	141,663	1,497,771	136,932	120,814	112,156	116,987	112,513
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
Japan	0	0	13,310	0	0	2,884	2,886	2,846
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	4	6	99	8	7	7	6	7
Mexico	16	21	181	20	20	13	12	10
Re-Exports								
By Vessel								
Argentina	0	0	0	0	0	0	0	0
Brazil	2,728	2,805	2,664	0	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	2,748	2,832	16,255	28	27	2,904	2,904	2,863
CNG								
Canada	17	27	217	22	20	9	0	0
Total CNG Exports	17	27	217	22	20	9	0	0
Total Exports	144,955	144,522	1,514,242	136,982	120,861	115,069	119,891	115,376
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	4.39	3.63	6.10	4.28	4.64	3.96	3.98	3.94
Mexico	3.10	3.38	4.65	4.19	4.23	4.20	4.25	4.19
Total Pipeline Exports	3.81	3.51	5.40	4.24	4.44	4.09	4.13	4.09
LNG								
Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Barbados	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--
Chile	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--
Dominican Republic	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Japan	--	--	15.74	--	--	15.12	15.76	16.03
Jordan	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--
By Truck								
Canada	12.77	13.27	14.48	14.55	13.70	13.83	14.48	13.76
Mexico	10.62	11.27	12.50	13.08	11.65	11.44	11.47	11.24
Re-Exports								
By Vessel								
Argentina	--	--	--	--	--	--	--	--
Brazil	12.89	17.44	15.51	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--	--
Total LNG Exports	12.87	17.39	15.66	13.50	12.17	15.10	15.74	16.01
CNG								
Canada	10.53	11.89	12.40	14.30	3.47	3.47	--	--
Total CNG Exports	10.53	11.89	12.40	14.30	3.47	3.47	4.41	4.38
Total Exports	3.98	3.78	5.51	4.25	4.44	4.37	4.41	4.38

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						
	July	June	May	April	March	February	January
Exports							
Volume (million cubic feet)							
Pipeline							
Canada	55,096	54,581	49,976	65,157	91,436	84,535	81,939
Mexico	69,366	65,247	62,199	56,719	58,019	51,291	52,807
Total Pipeline Exports	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
Barbados	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0
China	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Japan	2,809	0	1,886	0	0	0	0
Jordan	0	0	0	0	0	0	0
Kuwait	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Spain	0	0	0	0	0	0	0
Taiwan	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
United Arab Emirates	0	0	0	0	0	0	0
By Truck							
Canada	7	7	9	9	11	12	8
Mexico	11	10	12	16	17	18	21
Re-Exports							
By Vessel							
Argentina	0	0	0	0	0	0	0
Brazil	0	0	0	0	0	2,664	0
Egypt	0	0	0	0	0	0	0
India	0	0	0	0	0	0	0
Turkey	0	0	0	0	0	0	0
Total LNG Exports	2,827	17	1,907	25	28	2,694	29
CNG							
Canada	12	19	22	26	25	29	32
Mexico	12	19	22	26	25	29	32
Total CNG Exports	24	38	44	52	50	58	64
Total Exports	127,301	119,864	114,105	121,928	149,508	138,550	134,807
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	4.37	4.81	4.78	5.04	10.13	11.42	6.49
Mexico	4.57	4.81	4.86	4.81	5.16	6.16	4.76
Total Pipeline Exports	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	--	--	--	--	--	--	--
Japan	16.03	--	15.81	--	--	--	--
Jordan	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--
Taiwan	--	--	--	--	--	--	--
Turkey	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--
By Truck							
Canada	14.28	13.44	14.58	14.45	15.24	15.24	15.01
Mexico	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	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
Mexico	4.27	5.19	4.79	6.37	14.75	27.07	21.76
Total CNG Exports	8.54	10.38	9.58	12.74	29.50	54.14	43.52
Total Exports	4.74	4.81	5.01	4.93	8.20	9.56	5.82

^R Revised data.

-- Not applicable.

* Volume is less than 500,000 cubic feet

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."