

Table 4. U.S. natural gas imports, 2015-2017

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

	2017 10-Month YTD	2016 10-Month YTD	2015 10-Month YTD	2017				
				October	September	August	July	June
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	2,444,585	2,423,144	2,193,177	227,154	226,607	239,935	245,212	234,061
Mexico	766	770	797	81	68	63	80	78
Total Pipeline Imports	2,445,351	2,423,915	2,193,974	227,235	226,675	239,997	245,292	234,140
LNG								
By Truck								
Canada	1,396	868	333	120	183	226	215	212
By Vessel								
Nigeria	2,753	0	0	0	0	0	0	0
Norway	0	0	5,992	0	0	0	0	0
Trinidad/Tobago	56,772	69,573	64,612	2,337	2,618	7,636	4,974	5,425
Yemen	0	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	60,921	70,440	78,378	2,457	2,801	7,862	5,189	5,637
CNG								
Canada	284	249	242	22	25	28	27	29
Total CNG Imports	284	249	242	22	25	28	27	29
Total Imports	2,506,556	2,494,604	2,272,594	229,713	229,502	247,888	250,508	239,805
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.52	2.03	2.97	2.00	2.05	2.24	2.31	2.51
Mexico	2.66	1.73	1.81	2.43	2.64	2.31	2.62	2.77
Total Pipeline Imports	2.52	2.03	2.97	2.00	2.05	2.24	2.31	2.51
LNG								
By Truck								
Canada	8.69	8.09	8.86	8.33	8.66	8.69	8.78	8.91
By Vessel								
Nigeria	5.82	--	--	--	--	--	--	--
Norway	--	--	15.12	--	--	--	--	--
Trinidad/Tobago	4.34	3.83	7.10	4.20	3.75	3.19	3.21	3.37
Yemen	--	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	4.50	3.89	7.91	4.40	4.07	3.34	3.44	3.58
CNG								
Canada	2.99	1.92	4.33	1.06	0.82	0.97	1.19	1.64
Total CNG Imports	2.99	1.92	4.33	1.06	0.82	0.97	1.19	1.64
Total Imports	2.68	2.19	3.41	2.07	2.12	2.38	2.40	2.62
Net Imports - Volume	-65,472	637,911	806,575	-45,308	-18,893	889	2,080	-13,517

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	2017					2016		
	May	April	March	February	January	Total	December	November
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	238,527	232,998	275,573	245,928	278,590	2,916,856	271,845	221,866
Mexico	78	79	83	74	83	917	64	83
Total Pipeline Imports	238,604	233,077	275,656	246,002	278,673	2,917,774	271,910	221,949
LNG								
By Truck								
Canada	220	186	8	8	18	924	16	41
By Vessel								
Nigeria	0	0	0	0	2,753	0	0	0
Norway	0	0	0	0	0	3,253	0	3,253
Trinidad/Tobago	5,275	4,985	4,870	8,468	10,183	84,190	8,838	5,779
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	5,494	5,171	4,878	8,477	12,955	88,367	8,854	9,073
CNG								
Canada	28	31	34	26	35	299	27	22
Total CNG Imports	28	31	34	26	35	299	27	22
Total Imports	244,126	238,279	280,567	254,504	291,663	3,006,439	280,791	231,044
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.59	2.53	2.57	2.81	3.41	2.18	3.31	2.41
Mexico	2.62	2.64	2.27	2.94	3.29	1.85	2.56	2.34
Total Pipeline Imports	2.59	2.53	2.57	2.81	3.41	2.18	3.31	2.41
LNG								
By Truck								
Canada	8.88	8.49	7.05	7.22	9.12	8.07	7.51	7.92
By Vessel								
Nigeria	--	--	--	--	5.82	--	--	--
Norway	--	--	--	--	--	3.12	--	3.12
Trinidad/Tobago	3.65	3.56	4.34	6.39	5.48	4.06	4.62	5.96
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	3.86	3.74	4.35	6.39	5.56	4.07	4.63	4.95
CNG								
Canada	1.86	1.76	1.91	6.07	10.64	1.97	3.24	0.97
Total CNG Imports	1.86	1.76	1.91	6.07	10.64	1.97	3.24	0.97
Total Imports	2.70	2.64	2.68	3.14	3.75	2.24	3.50	2.70
Net Imports - Volume	-9,737	-8,973	8,724	-534	19,795	670,991	29,955	3,125

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

								2016
	October	September	August	July	June	May	April	March
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	225,588	235,512	253,793	259,132	234,145	243,017	236,451	232,095
Mexico	83	82	90	92	83	72	71	69
Total Pipeline Imports	225,671	235,594	253,883	259,224	234,229	243,088	236,522	232,164
LNG								
By Truck								
Canada	58	72	84	70	118	113	74	65
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	5,696	2,810	7,998	5,703	7,520	5,087	4,693	8,503
Yemen	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	5,753	2,882	8,082	5,773	7,638	5,200	4,767	8,568
CNG								
Canada	25	15	17	25	19	29	28	33
Total CNG Imports	25	15	17	25	19	29	28	33
Total Imports	231,449	238,491	261,983	265,022	241,885	248,317	241,317	240,764
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.50	2.42	2.29	2.26	1.76	1.44	1.51	1.55
Mexico	2.50	2.43	2.27	2.45	1.41	1.10	1.03	0.82
Total Pipeline Imports	2.50	2.42	2.29	2.26	1.76	1.44	1.51	1.55
LNG								
By Truck								
Canada	7.93	8.04	8.11	7.95	7.80	7.72	7.88	8.74
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	3.05	3.13	3.17	3.15	3.11	3.36	3.23	3.25
Yemen	--	--	--	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	3.10	3.25	3.23	3.21	3.18	3.45	3.30	3.29
CNG								
Canada	0.72	1.22	1.20	1.62	0.63	1.10	1.05	1.54
Total CNG Imports	0.72	1.22	1.20	1.62	0.63	1.10	1.05	1.54
Total Imports	2.59	2.47	2.42	2.35	1.90	1.55	1.61	1.73
Net Imports - Volume	54,983	36,505	47,757	76,339	58,872	60,043	63,464	45,849

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	2016		Total	December	November	October	September	2015
	February	January						August
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	241,948	261,462	2,625,359	221,550	210,632	217,493	203,066	202,567
Mexico	70	59	933	64	72	83	83	82
Total Pipeline Imports	242,019	261,521	2,626,291	221,613	210,704	217,576	203,150	202,649
LNG								
By Truck								
Canada	116	97	437	59	45	43	45	44
By Vessel								
Nigeria	0	0	0	0	0	0	0	0
Norway	0	0	12,194	3,105	3,097	5,992	0	0
Trinidad/Tobago	9,612	11,951	71,439	2,453	4,373	2,653	5,609	11,161
Yemen	0	0	7,441	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total LNG Imports	9,728	12,048	91,511	5,618	7,515	8,689	5,654	11,205
CNG								
Canada	29	30	291	26	23	21	15	21
Total CNG Imports	29	30	291	26	23	21	15	21
Total Imports	251,775	273,600	2,718,094	227,257	218,242	226,286	208,818	213,875
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.12	2.42	2.84	2.13	2.19	2.37	2.49	2.51
Mexico	1.22	1.50	1.71	1.22	1.08	1.55	1.65	1.84
Total Pipeline Imports	2.12	2.42	2.84	2.13	2.19	2.37	2.49	2.51
LNG								
By Truck								
Canada	8.58	8.21	8.69	8.12	8.21	8.40	8.36	8.76
By Vessel								
Nigeria	--	--	--	--	--	--	--	--
Norway	--	--	8.56	2.31	2.13	15.12	--	--
Trinidad/Tobago	5.08	5.45	6.98	6.08	5.63	6.25	6.02	3.43
Yemen	--	--	9.10	--	--	--	--	--
Other	--	--	--	--	--	--	--	--
Total LNG Imports	5.12	5.48	7.37	4.02	4.20	12.38	6.03	3.45
CNG								
Canada	3.27	5.41	4.18	3.78	3.02	1.99	1.14	0.52
Total CNG Imports	3.27	5.41	4.18	3.78	3.02	1.99	1.14	0.52
Total Imports	2.43	2.80	2.99	2.28	2.40	3.23	2.75	2.74
Net Imports - Volume	89,019	105,079	934,581	65,503	62,503	67,768	46,245	68,991

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2015-2017

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

	2015						
	July	June	May	April	March	February	January
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	209,698	203,583	202,545	202,133	242,508	241,917	267,666
Mexico	80	73	78	76	77	79	85
Total Pipeline Imports	209,779	203,656	202,623	202,209	242,585	241,996	267,751
LNG							
By Truck							
Canada	41	41	34	39	46	0	0
By Vessel							
Nigeria	0	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	7,133	2,557	1,673	2,844	11,770	9,830	9,382
Yemen	0	0	0	0	2,834	2,373	2,234
Other	0	0	0	0	0	0	0
Total LNG Imports	7,173	2,598	1,707	2,883	14,651	12,202	11,616
CNG							
Canada	21	19	19	28	38	32	30
Total CNG Imports	21	19	19	28	38	32	30
Total Imports	216,973	206,273	204,348	205,120	257,274	254,230	279,397
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.44	2.43	2.44	2.39	3.16	4.82	4.01
Mexico	1.83	1.88	1.58	1.64	1.93	1.93	2.24
Total Pipeline Imports	2.44	2.43	2.44	2.39	3.16	4.82	4.01
LNG							
By Truck							
Canada	8.43	9.03	8.95	9.50	9.51	--	--
By Vessel							
Nigeria	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.51	6.24	5.98	8.29	8.26	9.06	10.90
Yemen	--	--	--	--	7.42	9.41	10.88
Other	--	--	--	--	--	--	--
Total LNG Imports	4.53	6.29	6.04	8.31	8.10	9.13	10.90
CNG							
Canada	0.45	0.79	0.88	2.02	8.55	9.12	8.91
Total CNG Imports	0.45	0.79	0.88	2.02	8.55	9.12	8.91
Total Imports	2.66	2.56	2.52	2.59	3.90	5.46	4.75
Net Imports - Volume	73,153	68,093	70,074	74,792	93,307	109,275	134,875

^a EIA has reduced the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^b For the "Other" area the point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

-- Not applicable.

Note: 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. Prices are in nominal dollars. LNG prices are a volume-weighted average of the prices reported by cargo. See the "LNG Monthly" (<https://energy.gov/fe/listings/lng-reports>) from the Office of Fossil Energy, U.S. Department of Energy, for more information on what is included in the individual LNG prices.

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