

Table 4. U.S. natural gas imports, 2016-2018

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

	2018 4-Month YTD	2017 4-Month YTD	2016 4-Month YTD	April	March	February	2018 January
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	1,028,020	1,033,175	971,957	240,552	^R 267,653	233,056	286,758
Mexico	1,123	318	269	68	119	805	130
Total Pipeline Imports	1,029,142	1,033,493	972,226	240,620	^R267,773	233,861	286,889
LNG							
By Truck							
Canada	281	220	352	196	54	21	10
By Vessel							
France	2,768	0	0	0	2,768	0	0
Nigeria	0	2,753	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	26,846	28,507	34,759	2,934	3,650	6,750	13,511
United Kingdom	3,119	0	0	0	0	0	3,119
Total LNG Imports	33,014	31,480	35,111	3,131	6,473	6,771	16,640
CNG							
Canada	137	125	120	39	40	29	28
Total CNG Imports	137	125	120	39	40	29	28
Total Imports	1,062,293	1,065,099	1,007,457	243,789	^R274,286	240,661	303,557
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.74	2.84	1.92	2.11	2.17	2.75	3.78
Mexico	3.94	2.78	1.13	2.10	2.65	4.38	3.38
Total Pipeline Imports	2.74	2.84	1.92	2.11	2.17	2.76	3.78
LNG							
By Truck							
Canada	8.13	8.45	8.36	8.30	7.94	7.17	7.94
By Vessel							
France	8.35	--	--	--	8.35	--	--
Nigeria	--	5.82	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	5.91	5.22	4.51	4.33	6.08	5.95	6.18
United Kingdom	13.26	--	--	--	--	--	13.26
Total LNG Imports	6.83	5.30	4.55	4.57	7.07	5.95	7.51
CNG							
Canada	6.19	5.15	2.81	2.69	2.03	12.03	10.87
Total CNG Imports	6.19	5.15	2.81	2.69	2.03	12.03	10.87
Total Imports	3.08	3.07	2.17	2.20	^R2.45	3.01	4.40
Net Imports - Volume	-82,461	19,191	303,411	-33,812	^R-15,634	-35,575	2,560

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2016-2018

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

		2017					
	Total	December	November	October	September	August	July
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	2,962,689	266,192	237,197	241,425	226,738	239,935	245,212
Mexico	1,346	504	76	81	68	63	80
Total Pipeline Imports	2,964,035	266,696	237,273	241,506	226,806	239,997	245,292
LNG							
By Truck							
Canada	1,569	8	165	120	183	226	215
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	5,992	3,239	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	70,450	7,617	6,213	2,337	2,467	7,636	4,974
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	78,011	10,864	6,378	2,457	2,650	7,862	5,189
CNG							
Canada	345	31	30	22	25	28	27
Total CNG Imports	345	31	30	22	25	28	27
Total Imports	3,042,391	277,590	243,681	243,985	229,482	247,888	250,508
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.55	2.94	2.40	1.98	2.05	2.24	2.31
Mexico	2.93	3.42	2.44	2.43	2.64	2.31	2.62
Total Pipeline Imports	2.55	2.94	2.40	1.98	2.05	2.24	2.31
LNG							
By Truck							
Canada	8.63	8.19	8.12	8.33	8.66	8.69	8.78
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	6.52	7.11	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.32	4.88	3.47	4.20	3.74	3.19	3.21
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	4.58	5.55	3.59	4.41	4.08	3.34	3.44
CNG							
Canada	2.95	4.31	1.17	1.06	0.82	0.97	1.19
Total CNG Imports	2.95	4.31	1.17	1.06	0.82	0.97	1.19
Total Imports	2.60	3.26	2.52	2.05	2.12	2.38	2.40
Net Imports - Volume	R-125,466	-21,834	-44,673	-37,374	-20,798	969	2,080

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2016-2018

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

						2017	2016
	June	May	April	March	February	January	Total
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	234,061	R238,753	232,998	275,573	246,020	278,584	2,916,856
Mexico	78	78	79	83	74	83	917
Total Pipeline Imports	234,140	R238,831	233,077	275,656	246,094	278,666	2,917,774
LNG							
By Truck							
Canada	212	220	186	8	8	18	924
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	2,753	0
Norway	0	0	0	0	0	0	3,253
Trinidad/Tobago	5,425	5,275	4,985	4,870	8,468	10,183	84,190
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	5,637	5,494	5,171	4,878	8,477	12,955	88,367
CNG							
Canada	29	28	31	34	26	35	299
Total CNG Imports	29	28	31	34	26	35	299
Total Imports	239,805	R244,353	238,279	280,567	254,597	291,656	3,006,439
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	2.51	2.59	2.53	2.57	2.81	3.41	2.18
Mexico	2.77	2.62	2.64	2.27	2.94	3.29	1.85
Total Pipeline Imports	2.51	2.59	2.53	2.57	2.81	3.41	2.18
LNG							
By Truck							
Canada	8.91	8.88	8.49	7.05	7.22	9.12	8.07
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	5.82	--
Norway	--	--	--	--	--	--	3.12
Trinidad/Tobago	3.37	3.65	3.56	4.34	6.39	5.48	4.06
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	3.58	3.86	3.74	4.35	6.39	5.56	4.07
CNG							
Canada	1.64	1.86	1.76	1.91	6.07	10.64	1.97
Total CNG Imports	1.64	1.86	1.76	1.91	6.07	10.64	1.97
Total Imports	2.62	2.70	2.64	2.68	3.14	3.75	2.24
Net Imports - Volume	-13,517	R-9,511	-8,973	8,724	-349	19,789	670,991

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2016-2018

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

							2016
	December	November	October	September	August	July	June
Imports							
Volume (million cubic feet)							
Pipeline							
Canada ^a	271,845	221,866	225,588	235,512	253,793	259,132	234,145
Mexico	64	83	83	82	90	92	83
Total Pipeline Imports	271,910	221,949	225,671	235,594	253,883	259,224	234,229
LNG							
By Truck							
Canada	16	41	58	72	84	70	118
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Norway	0	3,253	0	0	0	0	0
Trinidad/Tobago	8,838	5,779	5,696	2,810	7,998	5,703	7,520
United Kingdom	0	0	0	0	0	0	0
Total LNG Imports	8,854	9,073	5,753	2,882	8,082	5,773	7,638
CNG							
Canada	27	22	25	15	17	25	19
Total CNG Imports	27	22	25	15	17	25	19
Total Imports	280,791	231,044	231,449	238,491	261,983	265,022	241,885
Average Price (dollars per thousand cubic feet)							
Pipeline							
Canada	3.31	2.41	2.50	2.42	2.29	2.26	1.76
Mexico	2.56	2.34	2.50	2.43	2.27	2.45	1.41
Total Pipeline Imports	3.31	2.41	2.50	2.42	2.29	2.26	1.76
LNG							
By Truck							
Canada	7.51	7.92	7.93	8.04	8.11	7.95	7.80
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--
Norway	--	3.12	--	--	--	--	--
Trinidad/Tobago	4.62	5.96	3.05	3.13	3.17	3.15	3.11
United Kingdom	--	--	--	--	--	--	--
Total LNG Imports	4.63	4.95	3.10	3.25	3.23	3.21	3.18
CNG							
Canada	3.24	0.97	0.72	1.22	1.20	1.62	0.63
Total CNG Imports	3.24	0.97	0.72	1.22	1.20	1.62	0.63
Total Imports	3.50	2.70	2.59	2.47	2.42	2.35	1.90
Net Imports - Volume	29,955	3,125	54,983	36,505	47,757	76,339	58,872

See footnotes at end of table.

Table 4. U.S. natural gas imports, 2016-2018

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

	2016				
	May	April	March	February	January
Imports					
Volume (million cubic feet)					
Pipeline					
Canada ^a	243,017	236,451	232,095	241,948	261,462
Mexico	72	71	69	70	59
Total Pipeline Imports	243,088	236,522	232,164	242,019	261,521
LNG					
By Truck					
Canada	113	74	65	116	97
By Vessel					
France	0	0	0	0	0
Nigeria	0	0	0	0	0
Norway	0	0	0	0	0
Trinidad/Tobago	5,087	4,693	8,503	9,612	11,951
United Kingdom	0	0	0	0	0
Total LNG Imports	5,200	4,767	8,568	9,728	12,048
CNG					
Canada	29	28	33	29	30
Total CNG Imports	29	28	33	29	30
Total Imports	248,317	241,317	240,764	251,775	273,600
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	1.44	1.51	1.55	2.12	2.42
Mexico	1.10	1.03	0.82	1.22	1.50
Total Pipeline Imports	1.44	1.51	1.55	2.12	2.42
LNG					
By Truck					
Canada	7.72	7.88	8.74	8.58	8.21
By Vessel					
France	--	--	--	--	--
Nigeria	--	--	--	--	--
Norway	--	--	--	--	--
Trinidad/Tobago	3.36	3.23	3.25	5.08	5.45
United Kingdom	--	--	--	--	--
Total LNG Imports	3.45	3.30	3.29	5.12	5.48
CNG					
Canada	1.10	1.05	1.54	3.27	5.41
Total CNG Imports	1.10	1.05	1.54	3.27	5.41
Total Imports	1.55	1.61	1.73	2.43	2.80
Net Imports - Volume	60,043	63,464	45,849	89,019	105,079

^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.

^c Revised data.

^d 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."