

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

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

	2018	2017	2016	2018				
	8-Month YTD	8-Month YTD	8-Month YTD	August	July	June	May	April
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	1,960,374	1,991,136	1,962,044	236,194	242,492	R227,313	226,355	240,552
Mexico	3,035	617	605	522	960	240	190	68
Total Pipeline Imports	1,963,409	1,991,753	1,962,649	236,716	243,452	R227,553	226,545	240,620
LNG								
By Truck								
Canada	1,189	1,093	738	242	226	216	224	196
By Vessel								
France	2,768	0	0	0	0	0	0	0
Nigeria	0	2,753	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	42,570	51,817	61,067	5,231	5,376	2,688	2,429	2,934
United Kingdom	3,119	0	0	0	0	0	0	0
Total LNG Imports	49,646	55,663	61,805	5,473	5,602	2,904	2,653	3,131
CNG								
Canada	245	237	210	23	28	28	27	39
Total CNG Imports	245	237	210	23	28	28	27	39
Total Imports	2,013,300	2,047,653	2,024,664	242,212	249,082	R230,486	229,226	243,789
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.34	2.64	1.93	2.13	2.02	1.77	1.64	2.11
Mexico	4.43	2.69	1.53	5.49	5.32	2.63	2.22	2.10
Total Pipeline Imports	2.34	2.64	1.93	2.14	2.03	1.77	1.64	2.11
LNG								
By Truck								
Canada	8.24	8.74	8.10	8.32	8.32	8.18	8.27	8.30
By Vessel								
France	8.35	--	--	--	--	--	--	--
Nigeria	--	5.82	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	5.12	4.37	3.94	3.50	3.53	4.33	4.27	4.33
United Kingdom	13.26	--	--	--	--	--	--	--
Total LNG Imports	5.88	4.53	3.99	3.72	3.72	4.62	4.61	4.57
CNG								
Canada	4.02	3.40	2.11	1.42	1.31	1.01	1.19	2.69
Total CNG Imports	4.02	3.40	2.11	1.42	1.31	1.01	1.19	2.69
Total Imports	2.57	2.81	2.12	2.26	2.15	1.86	1.73	2.20
Net Imports - Volume	-282,701	-787	546,423	-65,084	R-56,483	R-30,824	-44,069	-35,463

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

	2018				2017			
	March	February	January	Total	December	November	October	September
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	267,653	233,056	286,758	2,962,689	266,192	237,197	241,425	226,738
Mexico	119	805	130	1,346	504	76	81	68
Total Pipeline Imports	267,773	233,861	286,889	2,964,035	266,696	237,273	241,506	226,806
LNG								
By Truck								
Canada	54	21	10	1,569	8	165	120	183
By Vessel								
France	2,768	0	0	0	0	0	0	0
Nigeria	0	0	0	5,992	3,239	0	0	0
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	3,650	6,750	13,511	70,450	7,617	6,213	2,337	2,467
United Kingdom	0	0	3,119	0	0	0	0	0
Total LNG Imports	6,473	6,771	16,640	78,011	10,864	6,378	2,457	2,650
CNG								
Canada	42	29	28	345	31	30	22	25
Total CNG Imports	42	29	28	345	31	30	22	25
Total Imports	274,287	240,661	303,557	3,042,391	277,590	243,681	243,985	229,482
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.17	2.75	3.78	2.55	2.94	2.40	1.98	2.05
Mexico	2.65	4.38	3.38	2.93	3.42	2.44	2.43	2.64
Total Pipeline Imports	2.17	2.76	3.78	2.55	2.94	2.40	1.98	2.05
LNG								
By Truck								
Canada	7.94	7.17	7.94	8.63	8.19	8.12	8.33	8.66
By Vessel								
France	8.35	--	--	--	--	--	--	--
Nigeria	--	--	--	6.52	7.11	--	--	--
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	6.08	5.95	6.18	4.32	4.88	3.47	4.20	3.74
United Kingdom	--	--	13.26	--	--	--	--	--
Total LNG Imports	7.07	5.95	7.51	4.58	5.55	3.59	4.41	4.08
CNG								
Canada	2.14	12.03	10.87	2.95	4.31	1.17	1.06	0.82
Total CNG Imports	2.14	12.03	10.87	2.95	4.31	1.17	1.06	0.82
Total Imports	2.45	3.01	4.40	2.60	3.26	2.52	2.05	2.12
Net Imports - Volume	-17,692	-35,614	2,528	-125,466	-21,834	-44,673	-37,374	-20,798

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
	August	July	June	May	April	March	February	January
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	239,935	245,212	234,061	238,753	232,998	275,573	246,020	278,584
Mexico	63	80	78	78	79	83	74	83
Total Pipeline Imports	239,997	245,292	234,140	238,831	233,077	275,656	246,094	278,666
LNG								
By Truck								
Canada	226	215	212	220	186	8	8	18
By Vessel								
France	0	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0	2,753
Norway	0	0	0	0	0	0	0	0
Trinidad/Tobago	7,636	4,974	5,425	5,275	4,985	4,870	8,468	10,183
United Kingdom	0	0	0	0	0	0	0	0
Total LNG Imports	7,862	5,189	5,637	5,494	5,171	4,878	8,477	12,955
CNG								
Canada	28	27	29	28	31	34	26	35
Total CNG Imports	28	27	29	28	31	34	26	35
Total Imports	247,888	250,508	239,805	244,353	238,279	280,567	254,597	291,666
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.24	2.31	2.51	2.59	2.53	2.57	2.81	3.41
Mexico	2.31	2.62	2.77	2.62	2.64	2.27	2.94	3.29
Total Pipeline Imports	2.24	2.31	2.51	2.59	2.53	2.57	2.81	3.41
LNG								
By Truck								
Canada	8.69	8.78	8.91	8.88	8.49	7.05	7.22	9.12
By Vessel								
France	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	5.82
Norway	--	--	--	--	--	--	--	--
Trinidad/Tobago	3.19	3.21	3.37	3.65	3.56	4.34	6.39	5.48
United Kingdom	--	--	--	--	--	--	--	--
Total LNG Imports	3.34	3.44	3.58	3.86	3.74	4.35	6.39	5.56
CNG								
Canada	0.97	1.19	1.64	1.86	1.76	1.91	6.07	10.64
Total CNG Imports	0.97	1.19	1.64	1.86	1.76	1.91	6.07	10.64
Total Imports	2.38	2.40	2.62	2.70	2.64	2.68	3.14	3.75
Net Imports - Volume	969	2,080	-13,517	-9,511	-8,973	8,724	-349	19,789

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
	Total	December	November	October	September	August	July	June
Imports								
Volume (million cubic feet)								
Pipeline								
Canada ^a	2,916,856	271,845	221,866	225,588	235,512	253,793	259,132	234,145
Mexico	917	64	83	83	82	90	92	83
Total Pipeline Imports	2,917,774	271,910	221,949	225,671	235,594	253,883	259,224	234,229
LNG								
By Truck								
Canada	924	16	41	58	72	84	70	118
By Vessel								
France	0	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0	0
Norway	3,253	0	3,253	0	0	0	0	0
Trinidad/Tobago	84,190	8,838	5,779	5,696	2,810	7,998	5,703	7,520
United Kingdom	0	0	0	0	0	0	0	0
Total LNG Imports	88,367	8,854	9,073	5,753	2,882	8,082	5,773	7,638
CNG								
Canada	299	27	22	25	15	17	25	19
Total CNG Imports	299	27	22	25	15	17	25	19
Total Imports	3,006,439	280,791	231,044	231,449	238,491	261,983	265,022	241,885
Average Price (dollars per thousand cubic feet)								
Pipeline								
Canada	2.18	3.31	2.41	2.50	2.42	2.29	2.26	1.76
Mexico	1.85	2.56	2.34	2.50	2.43	2.27	2.45	1.41
Total Pipeline Imports	2.18	3.31	2.41	2.50	2.42	2.29	2.26	1.76
LNG								
By Truck								
Canada	8.07	7.51	7.92	7.93	8.04	8.11	7.95	7.80
By Vessel								
France	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--
Norway	3.12	--	3.12	--	--	--	--	--
Trinidad/Tobago	4.06	4.62	5.96	3.05	3.13	3.17	3.15	3.11
United Kingdom	--	--	--	--	--	--	--	--
Total LNG Imports	4.07	4.63	4.95	3.10	3.25	3.23	3.21	3.18
CNG								
Canada	1.97	3.24	0.97	0.72	1.22	1.20	1.62	0.63
Total CNG Imports	1.97	3.24	0.97	0.72	1.22	1.20	1.62	0.63
Total Imports	2.24	3.50	2.70	2.59	2.47	2.42	2.35	1.90
Net Imports - Volume	670,991	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."