

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			2017
	3-Month YTD	3-Month YTD	3-Month YTD	March	February	January	Total
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	783,393	800,177	735,506	263,579	233,056	286,758	R2,962,462
Mexico	1,055	240	198	119	805	130	1,346
<b>Total Pipeline Imports</b>	<b>784,448</b>	<b>800,416</b>	<b>735,704</b>	<b>263,698</b>	<b>233,861</b>	<b>286,889</b>	<b>R2,963,808</b>
<b>LNG</b>							
By Truck							
Canada	85	34	278	54	21	10	1,569
By Vessel							
France	2,768	0	0	2,768	0	0	0
Nigeria	0	2,753	0	0	0	0	5,992
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	23,911	23,522	30,066	3,650	6,750	13,511	70,450
United Kingdom	3,119	0	0	0	0	3,119	0
<b>Total LNG Imports</b>	<b>29,883</b>	<b>26,310</b>	<b>30,344</b>	<b>6,473</b>	<b>6,771</b>	<b>16,640</b>	<b>78,011</b>
<b>CNG</b>							
Canada	98	94	92	40	29	28	345
<b>Total CNG Imports</b>	<b>98</b>	<b>94</b>	<b>92</b>	<b>40</b>	<b>29</b>	<b>28</b>	<b>345</b>
<b>Total Imports</b>	<b>814,429</b>	<b>826,820</b>	<b>766,140</b>	<b>270,211</b>	<b>240,661</b>	<b>303,557</b>	<b>R3,042,164</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.93	2.94	2.05	2.17	2.75	3.78	2.55
Mexico	4.06	2.83	1.16	2.65	4.38	3.38	2.93
<b>Total Pipeline Imports</b>	<b>2.93</b>	<b>2.94</b>	<b>2.05</b>	<b>2.17</b>	<b>2.76</b>	<b>3.78</b>	<b>2.55</b>
<b>LNG</b>							
By Truck							
Canada	7.75	8.19	8.49	7.94	7.17	7.94	8.63
By Vessel							
France	8.35	--	--	8.35	--	--	--
Nigeria	--	5.82	--	--	--	--	6.52
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	6.10	5.57	4.71	6.08	5.95	6.18	4.32
United Kingdom	13.26	--	--	--	--	13.26	--
<b>Total LNG Imports</b>	<b>7.06</b>	<b>5.60</b>	<b>4.74</b>	<b>7.07</b>	<b>5.95</b>	<b>7.51</b>	<b>4.58</b>
<b>CNG</b>							
Canada	7.58	6.28	3.36	2.03	12.03	10.87	2.95
<b>Total CNG Imports</b>	<b>7.58</b>	<b>6.28</b>	<b>3.36</b>	<b>2.03</b>	<b>12.03</b>	<b>10.87</b>	<b>2.95</b>
<b>Total Imports</b>	<b>3.34</b>	<b>3.20</b>	<b>2.34</b>	<b>2.46</b>	<b>3.01</b>	<b>4.40</b>	<b>2.60</b>
<b>Net Imports - Volume</b>	<b>-50,101</b>	<b>28,164</b>	<b>239,947</b>	<b>-17,086</b>	<b>-35,575</b>	<b>2,560</b>	<b>R-125,693</b>

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
	December	November	October	September	August	July	June
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	R266,192	R237,197	241,425	226,738	239,935	245,212	234,061
Mexico	504	76	81	68	63	80	78
<b>Total Pipeline Imports</b>	<b>R266,696</b>	<b>R237,273</b>	<b>241,506</b>	<b>226,806</b>	<b>239,997</b>	<b>245,292</b>	<b>234,140</b>
<b>LNG</b>							
By Truck							
Canada	8	165	120	183	226	215	212
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	3,239	0	0	0	0	0	0
Norway	0	0	0	0	0	0	0
Trinidad/Tobago	7,617	6,213	2,337	2,467	7,636	4,974	5,425
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>10,864</b>	<b>6,378</b>	<b>2,457</b>	<b>2,650</b>	<b>7,862</b>	<b>5,189</b>	<b>5,637</b>
<b>CNG</b>							
Canada	31	30	22	25	28	27	29
<b>Total CNG Imports</b>	<b>31</b>	<b>30</b>	<b>22</b>	<b>25</b>	<b>28</b>	<b>27</b>	<b>29</b>
<b>Total Imports</b>	<b>R277,590</b>	<b>R243,681</b>	<b>243,985</b>	<b>229,482</b>	<b>247,888</b>	<b>250,508</b>	<b>239,805</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.94	2.40	1.98	2.05	2.24	2.31	2.51
Mexico	3.42	2.44	2.43	2.64	2.31	2.62	2.77
<b>Total Pipeline Imports</b>	<b>2.94</b>	<b>2.40</b>	<b>1.98</b>	<b>2.05</b>	<b>2.24</b>	<b>2.31</b>	<b>2.51</b>
<b>LNG</b>							
By Truck							
Canada	8.19	8.12	8.33	8.66	8.69	8.78	8.91
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	7.11	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--
Trinidad/Tobago	4.88	3.47	4.20	3.74	3.19	3.21	3.37
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>5.55</b>	<b>3.59</b>	<b>4.41</b>	<b>4.08</b>	<b>3.34</b>	<b>3.44</b>	<b>3.58</b>
<b>CNG</b>							
Canada	4.31	1.17	1.06	0.82	0.97	1.19	1.64
<b>Total CNG Imports</b>	<b>4.31</b>	<b>1.17</b>	<b>1.06</b>	<b>0.82</b>	<b>0.97</b>	<b>1.19</b>	<b>1.64</b>
<b>Total Imports</b>	<b>3.26</b>	<b>R2.52</b>	<b>2.05</b>	<b>2.12</b>	<b>2.38</b>	<b>2.40</b>	<b>2.62</b>
<b>Net Imports - Volume</b>	<b>R-21,834</b>	<b>R-44,673</b>	<b>-37,374</b>	<b>-20,798</b>	<b>969</b>	<b>2,080</b>	<b>-13,517</b>

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	
	May	April	March	February	January	Total	December
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	238,527	232,998	275,573	246,020	278,584	2,916,856	271,845
Mexico	78	79	83	74	83	917	64
<b>Total Pipeline Imports</b>	<b>238,604</b>	<b>233,077</b>	<b>275,656</b>	<b>246,094</b>	<b>278,666</b>	<b>2,917,774</b>	<b>271,910</b>
<b>LNG</b>							
By Truck							
Canada	220	186	8	8	18	924	16
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	0	0	2,753	0	0
Norway	0	0	0	0	0	3,253	0
Trinidad/Tobago	5,275	4,985	4,870	8,468	10,183	84,190	8,838
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>5,494</b>	<b>5,171</b>	<b>4,878</b>	<b>8,477</b>	<b>12,955</b>	<b>88,367</b>	<b>8,854</b>
<b>CNG</b>							
Canada	28	31	34	26	35	299	27
<b>Total CNG Imports</b>	<b>28</b>	<b>31</b>	<b>34</b>	<b>26</b>	<b>35</b>	<b>299</b>	<b>27</b>
<b>Total Imports</b>	<b>244,126</b>	<b>238,279</b>	<b>280,567</b>	<b>254,597</b>	<b>291,656</b>	<b>3,006,439</b>	<b>280,791</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.59	2.53	2.57	2.81	3.41	2.18	3.31
Mexico	2.62	2.64	2.27	2.94	3.29	1.85	2.56
<b>Total Pipeline Imports</b>	<b>2.59</b>	<b>2.53</b>	<b>2.57</b>	<b>2.81</b>	<b>3.41</b>	<b>2.18</b>	<b>3.31</b>
<b>LNG</b>							
By Truck							
Canada	8.88	8.49	7.05	7.22	9.12	8.07	7.51
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	--	--	5.82	--	--
Norway	--	--	--	--	--	3.12	--
Trinidad/Tobago	3.65	3.56	4.34	6.39	5.48	4.06	4.62
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>3.86</b>	<b>3.74</b>	<b>4.35</b>	<b>6.39</b>	<b>5.56</b>	<b>4.07</b>	<b>4.63</b>
<b>CNG</b>							
Canada	1.86	1.76	1.91	6.07	10.64	1.97	3.24
<b>Total CNG Imports</b>	<b>1.86</b>	<b>1.76</b>	<b>1.91</b>	<b>6.07</b>	<b>10.64</b>	<b>1.97</b>	<b>3.24</b>
<b>Total Imports</b>	<b>2.70</b>	<b>2.64</b>	<b>2.68</b>	<b>3.14</b>	<b>3.75</b>	<b>2.24</b>	<b>3.50</b>
<b>Net Imports - Volume</b>	<b>-9,737</b>	<b>-8,973</b>	<b>8,724</b>	<b>-349</b>	<b>19,789</b>	<b>670,991</b>	<b>29,955</b>

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

	November	October	September	August	July	June	2016 May
<b>Imports</b>							
Volume (million cubic feet)							
<b>Pipeline</b>							
Canada <sup>a</sup>	221,866	225,588	235,512	253,793	259,132	234,145	243,017
Mexico	83	83	82	90	92	83	72
<b>Total Pipeline Imports</b>	<b>221,949</b>	<b>225,671</b>	<b>235,594</b>	<b>253,883</b>	<b>259,224</b>	<b>234,229</b>	<b>243,088</b>
<b>LNG</b>							
By Truck							
Canada	41	58	72	84	70	118	113
By Vessel							
France	0	0	0	0	0	0	0
Nigeria	0	0	0	0	0	0	0
Norway	3,253	0	0	0	0	0	0
Trinidad/Tobago	5,779	5,696	2,810	7,998	5,703	7,520	5,087
United Kingdom	0	0	0	0	0	0	0
<b>Total LNG Imports</b>	<b>9,073</b>	<b>5,753</b>	<b>2,882</b>	<b>8,082</b>	<b>5,773</b>	<b>7,638</b>	<b>5,200</b>
<b>CNG</b>							
Canada	22	25	15	17	25	19	29
<b>Total CNG Imports</b>	<b>22</b>	<b>25</b>	<b>15</b>	<b>17</b>	<b>25</b>	<b>19</b>	<b>29</b>
<b>Total Imports</b>	<b>231,044</b>	<b>231,449</b>	<b>238,491</b>	<b>261,983</b>	<b>265,022</b>	<b>241,885</b>	<b>248,317</b>
Average Price (dollars per thousand cubic feet)							
<b>Pipeline</b>							
Canada	2.41	2.50	2.42	2.29	2.26	1.76	1.44
Mexico	2.34	2.50	2.43	2.27	2.45	1.41	1.10
<b>Total Pipeline Imports</b>	<b>2.41</b>	<b>2.50</b>	<b>2.42</b>	<b>2.29</b>	<b>2.26</b>	<b>1.76</b>	<b>1.44</b>
<b>LNG</b>							
By Truck							
Canada	7.92	7.93	8.04	8.11	7.95	7.80	7.72
By Vessel							
France	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--
Norway	3.12	--	--	--	--	--	--
Trinidad/Tobago	5.96	3.05	3.13	3.17	3.15	3.11	3.36
United Kingdom	--	--	--	--	--	--	--
<b>Total LNG Imports</b>	<b>4.95</b>	<b>3.10</b>	<b>3.25</b>	<b>3.23</b>	<b>3.21</b>	<b>3.18</b>	<b>3.45</b>
<b>CNG</b>							
Canada	0.97	0.72	1.22	1.20	1.62	0.63	1.10
<b>Total CNG Imports</b>	<b>0.97</b>	<b>0.72</b>	<b>1.22</b>	<b>1.20</b>	<b>1.62</b>	<b>0.63</b>	<b>1.10</b>
<b>Total Imports</b>	<b>2.70</b>	<b>2.59</b>	<b>2.47</b>	<b>2.42</b>	<b>2.35</b>	<b>1.90</b>	<b>1.55</b>
<b>Net Imports - Volume</b>	<b>3,125</b>	<b>54,983</b>	<b>36,505</b>	<b>47,757</b>	<b>76,339</b>	<b>58,872</b>	<b>60,043</b>

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

<sup>a</sup> 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.

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

<sup>c</sup> Revised data.

<sup>d</sup> 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."