

Table 22. Average price of natural gas sold to industrial consumers, by state, 2016-2018
(dollars per thousand cubic feet)

State	2018	2017	2016	2018				
	10-Month YTD	10-Month YTD	10-Month YTD	October	September	August	July	June
Alabama	4.13	4.24	3.62	4.06	3.98	3.88	3.90	3.89
Alaska	5.65	4.62	5.08	5.96	6.00	5.87	6.01	5.34
Arizona	NA	6.42	5.77	6.01	5.64	NA	6.45	6.50
Arkansas	6.81	6.71	5.63	6.68	6.68	7.05	7.08	6.70
California	NA	7.10	6.54	6.11	7.04	NA	6.43	6.09
Colorado	NA	5.73	4.91	5.19	NA	6.24	6.64	6.55
Connecticut	6.54	6.57	6.12	6.39	6.15	6.37	6.61	6.91
Delaware	NA	9.73	8.88	11.53	NA	10.79	NA	NA
District of Columbia	--	--	--	--	--	--	--	--
Florida	NA	6.20	5.79	6.02	NA	6.66	5.93	5.51
Georgia	NA	4.72	4.01	4.41	4.41	4.29	4.38	NA
Hawaii	NA	19.32	17.54	24.18	23.38	22.37	23.04	23.32
Idaho	4.30	4.50	5.36	3.70	4.30	4.24	4.39	4.33
Illinois	NA	6.11	4.90	5.60	6.34	7.23	6.99	5.97
Indiana	NA	6.33	4.91	5.22	NA	7.31	7.39	6.56
Iowa	NA	5.15	4.64	5.04	5.36	4.78	4.45	4.32
Kansas	4.50	4.10	3.61	5.44	4.57	4.30	4.30	4.32
Kentucky	NA	4.47	3.70	4.28	3.99	3.84	3.88	3.84
Louisiana	3.36	3.70	2.94	3.35	3.16	3.43	3.14	3.29
Maine	8.80	7.76	7.28	5.87	5.78	5.79	6.41	6.30
Maryland	NA	9.94	8.69	7.95	NA	9.02	8.97	NA
Massachusetts	9.91	7.88	7.19	6.72	6.63	7.48	7.15	7.37
Michigan	6.03	6.04	5.79	6.25	6.59	7.02	6.20	6.75
Minnesota	NA	4.52	4.10	4.48	4.47	4.50	4.48	4.49
Mississippi	4.90	5.09	4.26	4.87	4.53	4.71	4.80	4.63
Missouri	6.43	6.57	6.14	5.86	5.76	5.65	5.80	5.63
Montana	6.43	6.51	6.05	5.95	6.05	5.81	5.65	6.19
Nebraska	4.47	4.58	3.97	4.41	4.35	4.33	4.20	3.82
Nevada	5.66	4.99	6.23	5.00	5.80	5.91	6.14	6.33
New Hampshire	NA	8.92	8.37	6.98	6.93	7.77	7.86	NA
New Jersey	NA	7.89	6.41	NA	6.88	NA	6.82	NA
New Mexico	NA	5.01	4.07	4.24	3.48	3.07	NA	NA
New York	7.80	7.25	5.91	7.04	7.29	7.40	7.94	8.06
North Carolina	NA	6.26	5.34	5.91	5.67	5.90	5.81	5.88
North Dakota	2.98	3.03	2.51	2.90	2.78	2.78	2.72	2.65
Ohio	NA	6.85	4.73	NA	NA	NA	NA	7.44
Oklahoma	NA	3.35	3.01	2.23	2.08	2.29	2.35	NA
Oregon	5.19	5.33	5.72	5.07	5.12	5.14	5.19	4.93
Pennsylvania	NA	8.25	7.25	8.47	9.60	9.38	9.82	9.36
Rhode Island	NA	8.47	8.77	11.37	11.12	10.97	11.63	11.46
South Carolina	4.72	4.86	4.03	4.54	4.57	4.32	4.65	4.39
South Dakota	NA	5.23	4.75	NA	5.72	5.46	5.55	4.76
Tennessee	4.94	5.03	4.32	4.55	4.41	4.38	4.61	4.45
Texas	3.20	3.32	2.55	3.47	3.19	2.99	3.19	3.22
Utah	5.50	5.47	5.51	4.66	4.73	4.71	4.64	5.19
Vermont	4.44	5.00	5.13	4.35	4.30	4.26	4.22	4.14
Virginia	5.06	5.07	4.36	5.19	4.99	5.36	5.00	4.91
Washington	NA	7.38	7.51	7.09	NA	NA	NA	NA
West Virginia	3.32	3.00	2.42	3.31	3.18	3.15	3.25	3.17
Wisconsin	4.83	5.26	4.91	4.60	3.78	3.98	3.92	4.26
Wyoming	3.91	4.30	3.82	4.32	3.66	3.50	3.22	3.24
Total	4.03	4.11	3.38	4.04	3.75	3.67	3.76	3.78

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2016-2018
(dollars per thousand cubic feet) – continued

State	2018					2017		
	May	April	March	February	January	Total	December	November
Alabama	3.90	3.90	3.93	4.90	4.75	4.24	4.31	4.11
Alaska	5.54	4.92	5.29	5.57	5.68	4.63	4.73	4.59
Arizona	6.50	NA	6.99	7.04	6.64	6.47	6.57	6.92
Arkansas	6.55	6.61	7.09	6.83	6.77	6.67	6.48	6.62
California	6.08	6.35	7.43	7.46	7.53	7.05	7.14	6.38
Colorado	5.45	4.88	5.22	5.15	5.06	5.58	5.04	5.18
Connecticut	6.95	6.52	6.57	6.57	6.43	6.48	6.12	6.08
Delaware	11.06	9.59	9.88	10.07	10.58	9.91	10.51	12.01
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.38	6.49	6.84	5.87	7.36	6.17	5.82	6.20
Georgia	4.38	4.61	4.45	5.19	4.42	4.68	4.61	4.38
Hawaii	23.05	22.04	21.57	21.71	NA	19.62	22.24	20.83
Idaho	4.43	4.43	4.33	4.38	4.52	4.44	4.38	4.02
Illinois	5.37	4.88	5.02	NA	5.17	5.76	4.86	4.99
Indiana	6.42	6.09	5.84	5.87	6.38	5.99	4.85	5.34
Iowa	4.36	5.17	5.27	NA	5.53	5.21	5.55	5.12
Kansas	4.35	4.58	4.71	6.91	7.19	4.16	5.71	4.94
Kentucky	3.97	4.07	4.35	NA	4.46	4.46	4.54	4.26
Louisiana	3.44	2.99	3.64	3.47	3.74	3.64	3.35	3.41
Maine	6.81	11.17	11.71	11.69	9.71	8.15	9.59	9.29
Maryland	8.47	7.95	7.50	7.75	8.13	9.84	9.71	9.25
Massachusetts	10.19	12.84	11.89	11.05	9.64	8.02	8.96	7.77
Michigan	6.27	5.89	5.96	5.96	5.76	5.97	5.64	5.96
Minnesota	NA	4.08	4.34	5.30	4.82	4.48	4.66	4.05
Mississippi	4.59	4.72	5.25	5.29	5.24	5.07	5.08	4.86
Missouri	5.97	6.96	6.79	6.73	6.83	6.64	6.84	6.96
Montana	6.21	6.80	6.55	6.38	7.02	6.60	7.41	6.55
Nebraska	3.84	4.23	5.15	4.95	4.90	4.54	4.45	4.28
Nevada	5.95	5.64	5.57	5.48	5.48	5.06	5.21	5.48
New Hampshire	10.84	NA	NA	9.39	9.62	9.09	10.03	8.92
New Jersey	6.51	6.65	8.90	8.79	8.39	7.92	8.06	8.05
New Mexico	NA	3.68	4.54	4.82	4.89	5.06	5.37	5.30
New York	7.96	7.92	8.51	7.90	7.38	7.21	7.20	6.71
North Carolina	6.03	6.16	5.95	6.53	NA	6.24	6.29	6.02
North Dakota	2.65	2.57	2.71	4.06	3.78	3.15	3.97	3.12
Ohio	6.65	6.11	6.23	NA	NA	6.71	6.24	6.42
Oklahoma	1.99	1.66	2.49	3.29	3.10	3.30	3.13	2.94
Oregon	5.05	5.09	5.36	5.39	5.35	5.31	5.18	5.28
Pennsylvania	8.60	8.44	8.49	NA	8.09	8.38	8.91	8.95
Rhode Island	11.41	NA	10.14	8.75	8.62	8.48	8.62	8.45
South Carolina	4.33	4.38	4.67	5.40	6.08	4.86	5.17	4.54
South Dakota	4.36	4.21	4.83	4.74	4.67	5.09	4.87	4.61
Tennessee	4.68	4.92	5.28	5.96	5.57	5.04	5.22	4.95
Texas	3.10	2.98	2.87	3.78	3.32	3.28	3.22	2.98
Utah	5.32	5.86	6.14	6.33	6.25	5.51	6.02	5.45
Vermont	4.18	4.22	4.33	5.00	5.08	4.92	4.71	4.40
Virginia	5.05	4.66	5.04	5.33	5.07	5.04	5.15	4.64
Washington	7.67	7.51	7.60	7.62	7.49	7.39	7.45	7.34
West Virginia	3.14	3.07	3.10	4.36	3.40	3.21	4.12	4.07
Wisconsin	3.98	4.20	5.25	6.13	5.66	5.34	5.60	5.54
Wyoming	3.92	4.31	4.21	4.02	4.03	4.28	4.21	4.25
Total	3.81	3.90	4.02	4.86	4.48	4.10	4.21	3.85

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2016-2018
(dollars per thousand cubic feet) – continued

State	2017							
	October	September	August	July	June	May	April	March
Alabama	3.92	3.89	3.93	4.07	4.21	4.18	4.25	4.08
Alaska	4.02	3.63	3.16	3.04	4.96	4.96	5.02	5.13
Arizona	6.72	6.77	7.26	6.49	6.86	6.31	6.18	5.95
Arkansas	6.63	6.66	7.03	6.74	6.69	6.53	6.80	6.63
California	6.09	6.24	6.43	6.59	7.01	7.05	7.19	7.71
Colorado	7.00	5.77	5.91	6.35	6.08	5.66	5.19	5.60
Connecticut	5.97	6.38	6.03	5.90	5.80	6.41	6.28	6.69
Delaware	10.38	10.08	13.21	13.50	10.22	9.81	9.07	9.57
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.26	6.11	6.36	5.99	6.07	6.09	5.98	6.51
Georgia	4.53	4.68	4.60	4.45	4.67	4.64	4.74	4.29
Hawaii	21.09	19.75	18.87	18.57	19.10	19.60	18.83	19.22
Idaho	4.35	4.42	4.47	4.48	4.59	4.44	4.57	4.52
Illinois	5.10	5.75	6.44	7.17	6.70	6.78	6.31	5.87
Indiana	5.43	7.01	7.98	7.11	7.93	6.32	7.03	5.69
Iowa	5.06	5.33	5.18	5.43	5.51	5.31	5.06	4.69
Kansas	4.51	3.88	3.76	3.83	4.01	4.74	4.67	5.08
Kentucky	4.26	4.15	4.18	4.27	4.48	4.37	4.42	4.34
Louisiana	3.53	3.46	3.55	3.62	3.74	3.32	3.14	3.59
Maine	5.26	5.30	5.42	6.34	6.48	6.61	9.28	9.27
Maryland	10.79	11.22	10.67	11.28	11.91	10.56	11.53	8.52
Massachusetts	5.63	7.20	7.26	7.46	7.10	8.76	8.28	8.17
Michigan	6.02	6.94	6.73	6.47	6.40	6.36	6.10	5.89
Minnesota	4.40	4.24	4.19	4.14	4.44	4.23	4.40	4.42
Mississippi	4.89	4.91	4.80	5.02	4.84	4.92	4.62	5.28
Missouri	6.43	6.03	6.24	6.21	6.02	6.04	6.45	6.95
Montana	6.49	6.38	5.70	6.66	6.50	6.53	6.00	6.81
Nebraska	4.21	4.38	4.32	4.40	4.44	4.33	4.33	4.81
Nevada	5.65	5.69	6.03	5.74	5.48	5.15	4.61	4.47
New Hampshire	7.66	7.99	7.58	7.81	7.14	7.98	8.88	9.13
New Jersey	8.62	8.32	8.19	7.82	8.37	7.03	6.81	7.07
New Mexico	5.15	4.87	4.95	4.87	4.88	4.81	4.61	5.02
New York	6.44	6.17	6.82	8.04	7.78	7.20	7.85	7.49
North Carolina	5.89	6.09	6.07	6.04	5.97	6.07	6.35	6.34
North Dakota	2.89	3.78	2.82	2.85	2.95	2.81	2.89	2.66
Ohio	7.24	8.04	7.85	8.69	9.21	8.06	6.54	5.85
Oklahoma	3.02	2.87	3.13	3.46	3.39	3.22	3.21	2.93
Oregon	5.17	5.19	5.50	5.41	5.39	5.28	5.29	5.43
Pennsylvania	9.16	9.13	9.36	10.50	8.99	8.22	8.68	8.01
Rhode Island	8.41	8.59	8.74	8.74	8.43	8.55	8.67	8.39
South Carolina	4.58	4.71	4.56	4.98	4.83	4.69	4.83	4.46
South Dakota	5.35	6.04	5.64	5.62	5.20	5.22	4.57	5.01
Tennessee	4.69	4.70	4.66	4.77	4.94	4.86	4.93	5.03
Texas	3.12	3.21	3.19	3.40	3.51	3.37	3.34	2.81
Utah	5.15	5.13	5.12	5.20	5.04	5.14	5.70	5.87
Vermont	4.42	4.48	4.47	4.51	4.68	4.78	5.04	5.34
Virginia	4.69	4.92	5.22	4.94	5.41	5.04	4.87	4.67
Washington	7.11	7.22	7.42	7.73	7.38	7.52	7.52	7.35
West Virginia	3.03	2.80	2.85	2.90	2.85	2.92	2.90	3.16
Wisconsin	4.46	4.66	4.54	4.24	4.74	4.69	5.82	5.34
Wyoming	4.36	4.38	4.35	4.39	4.24	3.96	4.24	4.37
Total	3.79	3.84	3.79	3.93	4.06	4.03	4.13	3.94

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2016-2018
(dollars per thousand cubic feet) – continued

State	2017						2016	
	February	January	Total	December	November	October	September	August
Alabama	4.70	5.07	3.79	4.91	4.33	4.24	4.11	3.82
Alaska	4.99	5.06	5.06	5.21	4.83	4.53	4.45	5.64
Arizona	6.04	6.18	5.79	5.94	5.82	5.61	5.56	5.98
Arkansas	6.69	6.73	5.78	6.59	6.30	5.80	5.76	5.81
California	7.96	8.38	6.79	8.44	7.48	7.27	7.35	6.91
Colorado	5.48	5.37	4.89	4.75	5.02	6.08	6.12	6.31
Connecticut	8.06	7.21	6.07	6.07	5.62	5.97	6.06	6.15
Delaware	9.11	8.93	9.02	9.04	10.07	10.31	11.86	10.24
District of Columbia	--	--	--	--	--	--	--	--
Florida	6.46	6.13	5.77	5.60	5.77	6.14	5.28	5.77
Georgia	5.12	5.48	4.13	4.93	4.42	4.47	4.49	4.38
Hawaii	19.69	18.66	17.74	18.72	18.98	17.90	17.68	18.11
Idaho	4.59	4.52	5.19	4.51	4.61	4.63	5.41	5.46
Illinois	6.15	6.12	5.03	5.22	5.83	5.72	6.07	7.16
Indiana	6.08	5.82	4.99	5.28	5.36	5.06	5.90	6.11
Iowa	5.14	5.22	4.70	5.15	4.68	4.94	4.96	4.33
Kansas	6.88	6.75	3.69	5.27	4.54	3.63	3.69	3.55
Kentucky	4.90	5.14	3.84	4.57	4.36	4.24	4.06	3.73
Louisiana	4.56	4.52	3.11	3.89	4.05	3.53	3.36	3.17
Maine	9.35	9.33	7.68	9.38	8.83	5.99	6.09	5.99
Maryland	9.82	9.49	8.80	8.97	9.47	10.69	10.34	12.50
Massachusetts	8.44	8.23	7.40	8.41	8.15	7.11	6.06	6.33
Michigan	5.99	5.77	5.75	5.63	5.55	6.11	6.05	6.00
Minnesota	4.86	5.15	4.19	4.65	4.35	4.28	4.21	4.19
Mississippi	5.92	5.47	4.34	4.70	4.81	4.59	4.50	4.48
Missouri	7.12	6.88	6.29	6.97	6.70	6.04	6.12	6.36
Montana	6.90	6.54	6.06	6.17	5.94	5.84	6.08	6.78
Nebraska	5.23	4.73	4.04	4.51	4.25	4.00	4.08	3.97
Nevada	4.38	4.36	5.90	4.60	5.07	5.21	5.88	5.80
New Hampshire	10.27	10.13	8.59	10.11	9.06	7.58	8.06	8.21
New Jersey	8.67	8.11	6.59	7.29	7.24	6.42	6.95	7.78
New Mexico	5.91	5.57	4.18	4.86	4.30	4.72	4.54	4.29
New York	7.45	6.91	5.92	6.11	5.69	5.56	5.29	5.70
North Carolina	6.65	6.66	5.43	6.12	5.46	5.26	5.26	5.20
North Dakota	3.45	3.96	2.62	3.45	2.86	2.91	2.87	3.76
Ohio	6.56	6.87	4.81	4.95	5.45	6.07	6.43	6.46
Oklahoma	3.82	4.22	2.94	2.36	3.70	3.13	4.85	4.57
Oregon	5.39	5.25	5.73	5.72	5.82	5.75	5.66	5.73
Pennsylvania	7.92	7.79	7.40	7.75	8.35	8.56	8.65	5.79
Rhode Island	8.34	8.06	8.70	8.00	8.83	9.01	9.16	9.22
South Carolina	5.14	5.78	4.20	5.30	4.77	4.48	4.37	4.24
South Dakota	5.36	5.20	4.78	4.78	4.94	5.09	6.12	6.01
Tennessee	5.61	5.76	4.44	5.31	4.80	4.70	4.49	4.36
Texas	3.43	3.84	2.65	3.35	2.93	3.22	3.15	3.02
Utah	5.98	6.03	5.52	5.89	5.17	4.96	4.93	5.00
Vermont	5.67	6.02	5.20	5.68	5.20	5.13	5.14	5.31
Virginia	5.61	5.38	4.42	4.79	4.46	4.41	4.46	4.55
Washington	7.59	7.19	7.47	7.38	7.24	7.20	7.33	7.77
West Virginia	3.46	3.11	2.43	2.52	2.40	2.52	2.33	2.26
Wisconsin	5.55	6.32	5.05	5.66	5.35	4.64	4.61	4.30
Wyoming	4.52	4.18	3.96	4.58	4.64	4.27	3.93	3.94
Total	4.56	4.87	3.51	4.27	3.86	3.87	3.74	3.59

See footnotes at end of table.

Table 22. Average price of natural gas sold to industrial consumers, by state, 2016-2018
(dollars per thousand cubic feet) – continued

State	2016						
	July	June	May	April	March	February	January
Alabama	3.98	3.34	2.97	3.22	3.21	3.66	3.65
Alaska	5.17	4.58	3.69	6.36	6.75	6.74	4.88
Arizona	5.81	4.97	5.64	5.70	5.91	6.22	6.51
Arkansas	5.33	5.21	5.27	5.31	5.83	5.67	5.94
California	6.30	5.80	5.84	5.70	6.67	6.90	6.56
Colorado	6.17	5.46	4.25	4.36	4.95	4.50	4.21
Connecticut	6.17	6.03	6.56	6.82	5.82	5.69	6.08
Delaware	8.94	8.72	8.56	7.91	8.24	7.93	8.09
District of Columbia	--	--	--	--	--	--	--
Florida	5.45	5.30	5.20	5.73	6.29	6.12	6.37
Georgia	4.27	3.65	3.60	3.55	3.56	4.07	4.14
Hawaii	18.65	19.11	17.00	16.33	15.51	16.32	18.26
Idaho	5.43	5.46	5.44	5.51	5.46	5.46	5.41
Illinois	6.99	5.49	4.45	4.94	4.74	4.54	4.29
Indiana	5.89	5.13	4.22	4.52	4.81	4.98	4.47
Iowa	4.66	4.44	4.07	4.44	4.86	4.36	5.01
Kansas	3.48	3.31	3.39	3.44	4.29	6.25	6.75
Kentucky	4.07	3.05	3.42	3.00	3.53	3.87	4.03
Louisiana	3.40	2.50	2.57	2.50	2.41	2.95	3.08
Maine	5.58	5.55	5.78	8.46	8.51	8.52	8.46
Maryland	13.80	9.80	7.35	7.56	8.54	8.45	8.30
Massachusetts	6.30	6.13	7.25	7.49	7.43	7.78	7.64
Michigan	6.38	5.98	5.75	5.54	5.57	5.88	5.72
Minnesota	4.41	3.70	3.60	3.50	3.89	4.35	4.40
Mississippi	3.86	3.85	3.72	4.00	4.28	4.52	4.58
Missouri	7.00	6.03	5.53	6.02	6.10	6.28	6.06
Montana	5.18	6.63	5.17	5.79	5.92	6.72	6.30
Nebraska	3.67	3.35	3.27	3.77	4.32	4.32	4.41
Nevada	6.52	6.11	6.00	6.22	6.75	6.66	6.50
New Hampshire	8.24	7.14	7.48	7.90	7.97	8.96	9.60
New Jersey	7.74	6.53	5.61	5.14	6.90	6.25	6.44
New Mexico	3.93	3.50	3.39	3.46	3.76	4.06	4.25
New York	5.56	5.55	5.72	5.88	6.20	6.24	6.22
North Carolina	5.15	5.09	5.11	5.33	5.70	5.61	5.34
North Dakota	3.03	2.13	1.95	2.13	2.14	2.89	2.48
Ohio	6.76	5.58	5.33	4.25	4.10	4.17	4.36
Oklahoma	3.82	4.05	3.53	3.12	2.17	2.09	3.84
Oregon	5.59	5.77	5.73	5.80	5.76	5.78	5.61
Pennsylvania	9.17	7.99	8.25	6.75	7.23	6.84	7.09
Rhode Island	8.91	8.76	8.91	8.77	8.40	8.44	8.61
South Carolina	4.46	3.58	3.56	3.22	3.58	4.21	4.83
South Dakota	5.20	4.78	4.33	4.10	4.50	4.51	4.83
Tennessee	4.42	3.68	3.80	3.83	4.28	4.77	4.69
Texas	2.98	2.16	2.14	2.08	1.88	2.39	2.45
Utah	5.02	5.10	5.14	5.68	5.97	6.44	6.08
Vermont	5.61	4.97	5.13	4.93	4.96	5.17	5.14
Virginia	4.16	4.31	4.08	3.78	4.39	4.48	4.79
Washington	7.76	8.16	7.33	7.38	7.47	7.72	7.38
West Virginia	2.30	2.40	2.28	2.17	2.59	2.69	2.47
Wisconsin	4.64	3.45	3.98	5.07	4.96	5.47	5.76
Wyoming	3.60	3.66	3.71	3.65	3.68	3.82	3.95
Total	3.57	2.89	2.90	3.00	3.02	3.58	3.62

^R Revised data.

-- Not applicable.

^{NA} Not available.

Notes: Geographic coverage is the 50 states and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. Published prices are considered to be total prices paid by end-users per thousand cubic feet of natural gas in the respective sectors, inclusive of all tax, delivery, commodity, demand and other charges. Prices are in nominal dollars. See Appendix A, Explanatory Note 8, for discussion of computations and revision policy. See Table 24 for data on onsystem sales expressed as a percentage of total residential, total commercial, and total industrial deliveries.

Sources: U.S. Energy Information Administration (EIA): Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."