

Table 13: Shale natural gas proved reserves and production, 2014–2017

billion cubic feet

State and subdivision	Reserves				Production			
	2014	2015	2016	2017	2014	2015	2016	2017
Alaska	0	0	0	0	0	0	0	0
Lower 48 States	199,684	175,601	209,809	307,903	13,447	15,213	17,032	18,589
Arkansas	11,695	7,164	6,262	7,090	1,038	923	733	618
California	44	31	41	62	3	2	6	6
Coastal Region Onshore	9	8	0	0	1	1	1	0
San Joaquin Basin Onshore	15	12	41	62	1	1	5	6
State Offshore	20	11	0	0	1	0	0	0
Colorado	3,775	3,115	2,032	1,885	236	325	164	97
Indiana	M	M	M	M	M	M	M	M
Kansas	4	5	0	0	1	1	0	0
Kentucky	50	13	12	M	2	1	0	M
Louisiana	12,792	9,154	9,637	26,484	1,191	1,153	1,111	1,450
North	12,611	8,972	9,570	26,316	1,169	1,129	1,085	1,414
South	181	182	67	168	22	24	26	36
State Offshore	0	0	0	0	0	0	0	0
Michigan	1,432	1,006	1,128	942	96	65	84	63
Mississippi	19	11	7	8	2	3	2	2
Missouri	M	M	M	M	M	M	M	M
Montana	482	360	213	258	42	39	19	18
New Mexico	646	1,044	5,581	9,451	28	46	497	592
East	604	938	5,510	9,339	25	44	491	588
West	42	106	71	112	3	2	6	4
New York	M	M	M	M	M	M	M	M
North Dakota	6,442	6,904	8,259	9,984	426	545	582	664
Ohio	6,384	12,430	15,472	26,468	441	959	1,386	1,747
Oklahoma	16,653	18,672	20,327	22,675	869	993	1,082	1,290
Pennsylvania	56,210	53,484	60,979	89,478	4,009	4,597	5,049	5,365
South Dakota	M	M	M	M	M	M	M	M
Tennessee	M	M	M	M	M	M	M	M
Texas	54,158	42,626	56,577	78,666	4,156	4,353	5,029	5,171
RRC District 1	11,729	10,503	7,493	8,895	822	892	690	652
RRC District 2 Onshore	6,648	4,445	4,126	4,900	649	793	642	584
RRC District 3 Onshore	106	125	125	744	10	17	23	23
RRC District 4 Onshore	4,991	4,558	11,001	12,861	381	500	706	677
RRC District 5	13,043	8,228	8,321	10,636	1,022	903	827	730
RRC District 6	3,979	3,474	3,249	8,909	270	238	339	333
RRC District 7B	2,204	1,329	1,562	1,736	165	143	116	110
RRC District 7C	1,183	1,350	5,661	7,156	111	140	451	494
RRC District 8	1,125	736	7,924	15,317	78	109	730	1,115
RRC District 8A	10	4	8	50	1	3	0	1
RRC District 9	9,074	7,824	7,107	7,462	639	608	505	452
RRC District 10	66	50	0	0	8	7	0	0
State Offshore	0	0	0	0	0	0	0	0
Utah	M	M	M	M	M	M	M	M
Virginia	84	76	45	66	3	3	4	4
West Virginia	28,311	19,226	23,146	34,296	869	1,163	1,270	1,486
Wyoming	380	204	17	28	29	36	5	6
Federal Offshore	0	0	0	0	0	0	0	0
Miscellaneous ^a	123	76	74	62	6	6	9	10
U.S. Total	199,684	175,601	209,809	307,903	13,447	15,213	17,032	18,589

^a M - Miscellaneous states include Indiana, Kentucky, Missouri, New York, South Dakota, Tennessee, and Utah.

Note: The above table is based on shale natural gas proved reserves and production volumes reported and imputed from data on Form EIA-23L, *Annual Report of Domestic Oil and Gas Reserves*. For certain reasons (e.g. incorrect or incomplete respondent submissions, respondent mis-identification of shale vs non-shale reservoirs) the actual proved reserves and production of natural gas from shales may be higher or lower. The production estimates are offered only as an observed indicator of production trends and may differ from official U.S. EIA production volumes listed elsewhere on the EIA web page.

Natural gas is measured at 60 degrees Fahrenheit and atmospheric pressure base of 14.73 pounds per square inch (psia)

Sources: U.S. Energy Information Administration, Form EIA-23L, *Annual Report of Domestic Oil and Gas Proved Reserves*, 2014–2017