

**Table 14: Shale natural gas proved reserves, reserves changes, and production, 2015**

billion cubic feet

State and Subdivision	Changes in Reserves During 2015										Proved Reserves 12/31/15	
	Published Proved Reserves 12/31/14	Adjustments (+,-)	Revision Increases (+)	Revision Decreases (-)	Sales (-)	Acquisitions (+)	Extensions (+)	New Field Discoveries (+)	New Reservoir Discoveries in Old Fields (+)	Estimated Production (-)		
Alaska	0	0	0	0	0	0	0	0	0	0	0	0
<b>Lower 48 States</b>	<b>199,684</b>	<b>12,222</b>	<b>22,271</b>	<b>68,460</b>	<b>7,250</b>	<b>6,461</b>	<b>24,309</b>	<b>0</b>	<b>1,577</b>	<b>15,213</b>	<b>175,601</b>	
Arkansas	11,695	17	30	3,890	3	0	238	0	0	923	7,164	
<b>California</b>	<b>44</b>	<b>-1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>31</b>	
Coastal Region Onshore	9	0	0	0	0	0	0	0	0	1	8	
San Joaquin Basin Onshore	15	0	0	2	0	0	0	0	0	1	12	
State Offshore	20	-1	0	8	0	0	0	0	0	0	11	
Colorado	3,775	288	71	732	0	0	38	0	0	325	3,115	
Kansas	4	1	2	1	0	0	0	0	0	1	5	
Kentucky	50	-35	0	1	0	0	0	0	0	1	13	
<b>Louisiana</b>	<b>12,792</b>	<b>1,351</b>	<b>1,335</b>	<b>4,881</b>	<b>1,212</b>	<b>5</b>	<b>917</b>	<b>0</b>	<b>0</b>	<b>1,153</b>	<b>9,154</b>	
North	12,611	1,339	1,307	4,865	1,206	5	910	0	0	1,129	8,972	
South	181	12	28	16	6	0	7	0	0	24	182	
Michigan	1,432	-283	120	198	0	0	0	0	0	65	1,006	
Mississippi	19	2	3	10	0	0	0	0	0	3	11	
Montana	482	-31	31	86	0	0	3	0	0	39	360	
<b>New Mexico</b>	<b>646</b>	<b>259</b>	<b>54</b>	<b>487</b>	<b>0</b>	<b>35</b>	<b>582</b>	<b>0</b>	<b>1</b>	<b>46</b>	<b>1,044</b>	
East	604	268	32	478	0	35	520	0	1	44	938	
West	42	-9	22	9	0	0	62	0	0	2	106	
North Dakota	6,442	393	1,258	1,267	171	12	776	0	6	545	6,904	
Ohio	6,384	1,324	2,412	1,560	1,495	1,409	3,361	0	1,554	959	12,430	
Oklahoma	16,653	2,455	2,041	4,527	702	1,332	2,413	0	0	993	18,672	
Pennsylvania	56,210	4,017	10,908	22,034	320	0	9,286	0	14	4,597	53,484	
<b>Texas</b>	<b>54,158</b>	<b>920</b>	<b>3,431</b>	<b>15,084</b>	<b>2,428</b>	<b>2,868</b>	<b>3,114</b>	<b>0</b>	<b>0</b>	<b>4,353</b>	<b>42,626</b>	
RRC District 1	11,729	150	1,195	2,057	423	372	429	0	0	892	10,503	
RRC District 2 Onshore	6,648	-187	719	2,730	7	0	795	0	0	793	4,445	
RRC District 3 Onshore	106	53	24	53	6	0	18	0	0	17	125	
RRC District 4 Onshore	4,991	29	194	1,253	918	939	1,076	0	0	500	4,558	
RRC District 5	13,043	829	29	5,034	339	601	2	0	0	903	8,228	
RRC District 6	3,979	103	543	1,272	18	22	355	0	0	238	3,474	
RRC District 7B	2,204	9	11	753	407	406	2	0	0	143	1,329	
RRC District 7C	1,183	-43	300	217	2	8	261	0	0	140	1,350	
RRC District 8	1,125	-24	93	552	59	104	158	0	0	109	736	
RRC District 8A	10	-3	3	3	0	0	0	0	0	3	4	
RRC District 9	9,074	-6	317	1,138	249	416	18	0	0	608	7,824	
RRC District 10	66	10	3	22	0	0	0	0	0	7	50	
Virginia	84	-3	0	2	65	65	0	0	0	3	76	
West Virginia	28,311	1,447	454	13,213	834	735	3,487	0	2	1,163	19,226	
Wyoming	380	88	117	419	20	0	94	0	0	36	204	
Miscellaneous <sup>a</sup>	123	13	4	58	0	0	0	0	0	6	76	
<b>U.S. Total</b>	<b>199,684</b>	<b>12,222</b>	<b>22,271</b>	<b>68,460</b>	<b>7,250</b>	<b>6,461</b>	<b>24,309</b>	<b>0</b>	<b>1,577</b>	<b>15,213</b>	<b>175,601</b>	

<sup>a</sup> Includes Indiana, Missouri, and Tennessee.

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 slightly 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).

Source: U.S. Energy Information Administration, Form EIA-23L, Annual Report of Domestic Oil and Gas Proved Reserves