

Table 14: Shale natural gas proved reserves and production, 2008 - 2011

billion cubic feet

State and Subdivision	Reserves				Production			
	2008	2009	2010	2011	2008	2009	2010	2011
Alaska	0	0	0	0	0	0	0	0
Lower 48 States	34,428	60,644	97,449	131,616	2,116	3,110	5,336	7,994
Alabama	2	0	0	0	0	0	0	0
Arkansas	3,833	9,070	12,526	14,808	279	527	794	940
California	0	0	0	855	0	0	0	101
Colorado	0	4	4	10	0	1	1	3
Florida	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0
Kentucky	20	55	10	41	2	5	4	4
Louisiana	858	9,307	20,070	21,950	23	293	1,232	2,084
North	858	9,307	20,070	21,950	23	293	1,232	2,084
South	0	0	0	0	0	0	0	0
State Offshore	0	0	0	0	0	0	0	0
Michigan	2,894	2,499	2,306	1,947	122	132	120	106
Mississippi	0	0	0	0	0	0	0	0
Montana	125	137	186	192	13	7	13	13
New Mexico	0	36	123	144	0	2	6	9
East	0	7	35	23	0	1	3	5
West	0	29	88	121	0	1	3	4
New York	0	0	0	0	0	0	0	0
North Dakota	24	368	1,185	1,649	3	25	64	95
Ohio	0	0	0	0	0	0	0	0
Oklahoma	3,845	6,389	9,670	10,733	168	249	403	476
Pennsylvania	88	3,790	10,708	23,581	1	65	396	1,068
Texas	22,667	28,167	38,048	49,588	1,503	1,789	2,218	2,900
RRC District 1	2	435	1,564	5,123	0	11	41	156
RRC District 2 Onshore	0	0	395	1,692	0	0	7	141
RRC District 3 Onshore	0	0	0	1	0	0	0	0
RRC District 4 Onshore	0	78	565	2,611	0	5	26	154
RRC District 5	11,408	13,691	16,032	19,747	769	954	1,053	1,266
RRC District 6	173	1,161	4,381	6,584	3	28	219	382
RRC District 7B	2,336	2,022	2,435	3,466	141	145	140	184
RRC District 7C	0	0	13	27	0	0	0	0
RRC District 8	48	24	90	61	4	3	7	5
RRC District 8A	0	0	0	0	0	0	0	0
RRC District 9	8,700	10,756	12,573	10,276	586	643	725	612
RRC District 10	0	0	0	0	0	0	0	0
State Offshore	0	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	14	688	2,491	6,043	0	11	80	192
Wyoming	0	0	1	0	0	0	0	0
Federal Offshore	0	0	0	0	0	0	0	0
Miscellaneous ^a	58	134	121	75	2	4	9	3
U.S. Total	34,428	60,644	97,449	131,616	2,116	3,110	5,336	7,994

^a 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-23 "Annual Survey 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 U.S. 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. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 2008 through 2011 annual reports, DOE/EIA-0216.