

Table 8: Natural gas, wet after lease separation, proved reserves, reserves changes, by states and areas, 2023
(billion cubic feet)

State and subdivision	Changes in proved reserves during 2023						Proved producing reserves 12/31/23	Proved nonproducing reserves 12/31/23	Total proved reserves 12/31/23
	Total proved reserves 12/31/22	Revisions and other changes (c) (+,-)	Extensions and discoveries (+)	Divestitures (-)	Acquisitions (+)	Estimated production (-)			
Alaska	125,238	-29,528	1,443	0	0	375	92,074	4,704	96,779
Lower 48 States	565,787	-70,674	40,846	11,142	23,591	41,571	324,465	182,371	506,836
Alabama	1,307	-239	3	0	0	87	874	111	984
Arkansas	6,455	-1,384	1	0	0	393	4,456	224	4,679
California	1,070	17	19	0	0	100	843	163	1,006
Coastal Region Onshore	125	-25	0	0	0	8	83	10	93
Los Angeles Basin Onshore	58	8	0	0	0	5	55	6	61
San Joaquin Basin Onshore	804	50	18	0	0	82	645	144	789
State Offshore	83	-16	1	0	0	6	59	4	63
Colorado	22,586	-1,858	298	4,547	3,345	1,821	13,319	4,685	18,003
Kansas	3,151	-170	0	3	1	137	2,738	104	2,842
Louisiana	40,296	-6,862	2,928	155	723	4,350	15,523	17,056	32,579
North	38,605	-6,317	2,900	61	717	4,244	15,161	16,438	31,599
South Onshore	1,566	-645	27	27	6	90	318	520	838
State Offshore	124	100	1	67	0	16	44	98	142
Michigan	1,302	-147	3	0	32	70	1,114	5	1,119
Mississippi	250	-64	0	0	11	28	129	39	169
Montana	624	75	26	0	14	45	463	231	694
New Mexico	46,017	-5,886	7,611	369	1,223	3,165	24,016	21,416	45,432
East	30,690	-3,058	6,532	360	1,205	2,654	15,234	17,120	32,354
West	15,327	-2,827	1,079	8	18	511	8,781	4,296	13,078
New York	86	22	0	0	0	8	101	0	101
North Dakota	12,982	-496	1,172	452	689	1,166	9,163	3,567	12,730
Ohio	32,825	-4,106	1,962	114	199	2,196	15,624	12,948	28,571
Oklahoma	41,771	-7,143	2,439	140	926	2,856	25,695	9,301	34,996
Pennsylvania	106,311	-3,446	7,186	430	82	7,580	71,662	30,462	102,123
Texas	170,262	-30,279	12,215	4,524	13,421	12,240	89,172	59,682	148,854
RRC District 1	11,321	-2,215	1,088	914	2,113	834	5,464	5,096	10,560
RRC District 2 Onshore	7,007	-1,751	803	1	235	743	3,208	2,342	5,550
RRC District 3 Onshore	2,846	371	224	151	56	268	2,441	638	3,079
RRC District 4 Onshore	24,123	-3,803	2,650	816	877	1,211	8,863	12,958	21,820
RRC District 5	8,839	-1,831	541	570	449	632	5,635	1,162	6,797
RRC District 6	31,872	-10,892	847	140	4,613	2,000	9,624	14,677	24,301
RRC District 7B	1,397	-226	1	0	0	98	1,039	35	1,074
RRC District 7C	14,139	-3,797	634	218	1,990	1,017	9,013	2,716	11,729
RRC District 8	54,097	-2,860	5,353	839	2,660	4,668	35,292	18,450	53,742
RRC District 8A	2,015	-453	64	3	3	138	1,257	231	1,487
RRC District 9	8,303	-2,657	1	0	0	359	4,091	1,196	5,288
RRC District 10	4,299	-162	9	872	425	272	3,245	182	3,427
State Offshore	4	-3	0	0	0	1	0	0	0
Utah	3,668	107	121	287	179	289	2,800	699	3,499
West Virginia	50,932	-6,589	4,028	0	2,662	3,140	30,162	17,730	47,891
Wyoming	15,261	-1,523	637	0	3	995	11,700	1,683	13,383
Federal Offshore	5,127	-33	189	120	82	755	2,572	1,918	4,490
Pacific (California)	55	-3	0	0	0	3	36	14	50
Gulf of America (Central & Eastern) (a)	4,308	-22	171	120	82	670	2,234	1,515	3,748
Gulf of America (Western)	765	-8	18	0	0	83	303	390	692
Other States (b)	3,503	-670	7	0	0	150	2,341	350	2,691
U.S. Total	691,025	-100,202	42,290	11,142	23,591	41,946	416,539	187,076	603,615

(a) Includes Federal offshore Louisiana, Mississippi, Alabama, and Florida.

(b) Includes Arizona, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, Oregon, South Dakota, Tennessee, and Virginia.

(c) Annual balancing item calculated by EIA.

Notes: We base the production estimates in this table on data reported on Form EIA-23L, "Annual Report of Domestic Oil and Gas Reserves." The estimates may differ from our official production data for natural gas for 2022 contained in the *Natural Gas Annual 2022*.

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 Reserves," 2022 and 2023.