

Table 13. Activities of underground natural gas storage operators, by state, October 2018

(volumes in million cubic feet)

State	Field Count	Total Storage Capacity	Working Gas Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
				Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	2	43,600	33,150	10,450	12,071	22,521	-8,491	-41.3	4,636	1,213
Alaska <sup>a</sup>	5	83,592	67,915	14,197	39,138	53,335	20	0.1	1,116	373
Arkansas	2	21,774	8,894	12,880	4,966	17,846	579	13.2	416	70
California	14	603,808	373,236	230,605	224,954	455,560	-52,476	-18.9	9,261	9,189
Colorado	10	139,627	71,774	60,364	49,247	109,611	-1,227	-2.4	6,665	3,825
Illinois	28	1,008,979	303,613	706,520	247,060	953,580	-4,747	-1.9	43,950	690
Indiana	21	113,659	34,119	79,554	26,055	105,609	347	1.3	2,435	18
Iowa	4	288,210	90,313	197,881	75,497	273,379	-2,608	-3.3	19,974	10
Kansas	16	282,986	122,982	163,848	97,847	261,695	-4,738	-4.6	11,309	2,323
Kentucky	22	221,695	107,596	112,826	74,412	187,237	-17,333	-18.9	6,639	2,295
Louisiana	19	739,653	449,422	283,411	282,778	566,189	-74,374	-20.8	56,643	32,206
Maryland	1	64,000	18,300	45,677	15,596	61,273	-825	-5.0	2,061	963
Michigan	44	1,071,608	683,820	386,921	541,984	928,904	-101,094	-15.7	59,184	4,445
Minnesota	1	7,000	2,000	4,848	2,144	6,992	17	0.8	196	0
Mississippi	12	334,092	204,013	122,147	95,131	217,278	-40,653	-29.9	30,090	11,731
Missouri	1	13,845	3,656	10,189	2,746	12,935	-3,939	-58.9	353	23
Montana	4	376,225	197,477	178,501	24,176	202,676	-11,879	-32.9	852	3,330
Nebraska	1	34,850	12,653	22,197	9,285	31,482	-1,491	-13.8	488	552
New Mexico	2	89,100	59,738	29,362	21,911	51,273	-17,895	-45.0	2,967	743
New York	26	245,779	127,487	114,145	95,685	209,830	-17,367	-15.4	7,296	2,375
Ohio	24	575,794	253,750	321,358	174,106	495,464	-14,626	-7.7	10,419	3,396
Oklahoma	13	376,528	198,675	177,696	138,660	316,356	-24,152	-14.8	17,764	3,266
Oregon	7	29,565	15,935	12,639	16,441	29,080	-1,773	-9.7	1,114	389
Pennsylvania	49	763,296	427,601	335,612	339,969	675,581	-37,891	-10.0	41,756	11,158
Tennessee	2	2,400	1,800	878	1,492	2,370	158	11.9	0	23
Texas	35	845,081	545,640	293,771	315,461	609,233	-115,624	-26.8	59,186	23,936
Utah	3	124,509	54,942	69,508	44,429	113,937	-5,293	-10.6	4,640	1,942
Virginia	2	9,500	5,400	4,100	5,121	9,221	112	2.2	1,170	77
Washington	1	46,900	24,600	22,300	22,396	44,696	290	1.3	825	878
West Virginia	31	530,837	268,633	262,866	199,741	462,607	-23,236	-10.4	13,932	6,503
Wyoming	9	155,995	74,508	69,949	33,952	103,901	166	0.5	1,504	395
<b>Regions</b>										
East Region	133	2,189,206	1,101,171	1,083,759	830,217	1,913,976	-93,832	-10.2	76,635	24,472
South Central Region	99	2,643,715	1,562,776	1,064,203	946,915	2,011,118	-267,453	-22.0	180,046	74,745
Midwest Region	123	2,727,395	1,226,916	1,499,617	971,391	2,471,007	-129,200	-11.7	132,732	7,504
Mountain Region	29	920,306	471,092	429,881	183,000	612,880	-37,620	-17.1	17,115	10,787
Pacific Region	22	680,273	413,771	265,544	263,791	529,335	-53,959	-17.0	11,201	10,457
<b>Total Lower 48 States</b>	<b>406</b>	<b>9,160,895</b>	<b>4,775,725</b>	<b>4,343,003</b>	<b>3,195,314</b>	<b>7,538,317</b>	<b>-582,065</b>	<b>-15.4</b>	<b>417,728</b>	<b>127,965</b>
<b>U.S. Total</b>	<b>411</b>	<b>9,244,487</b>	<b>4,843,640</b>	<b>4,357,200</b>	<b>3,234,452</b>	<b>7,591,652</b>	<b>-582,045</b>	<b>-15.3</b>	<b>418,844</b>	<b>128,338</b>

<sup>a</sup> Alaska data are not included in the regions' totals or the lower 48 states total.

**Notes:** Existing fields include both active and inactive fields. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Total gas capacity may not equal the sum of base gas and working gas capacity, owing to changes in operational conditions. Totals may not equal sum of components because of independent rounding. EIA publishes weekly estimates of working gas in underground storage by geographical region; in November 2015, region breakouts were revised from three regions to five. See Explanatory Note 5 in Appendix A for a list of the new regions shown in this table and the states included in each. Beginning with January 2013 data, Form EIA-191A is no longer used as a source for capacity data. Capacity data are now collected from the Form EIA-191. Change in Working Gas from Same Period, Previous Year, includes data for Alaska which had no working gas recorded for periods prior to January 2013. As of January 2015, the Kimball and Columbus III reservoirs in Michigan are being reported under the Bluewater Gas Storage Field on a combined basis. In prior periods, they were reported separately.

**Source:** U.S. Energy Information Administration (EIA): Form EIA-191, "Monthly Underground Gas Storage Report."