

Table 13. Activities of underground natural gas storage operators, by state, September 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	8,647	19,097	-8,285	-48.9	1,196	4,931
Alaska ^a	5	83,592	67,915	14,197	38,396	52,593	-246	-0.6	1,599	63
Arkansas	2	21,774	8,894	12,880	4,621	17,501	485	11.7	522	0
California	14	603,808	373,236	230,605	224,882	455,488	-48,119	-17.6	16,978	4,828
Colorado	10	139,627	71,774	60,370	46,401	106,771	-3,485	-7.0	7,585	2,872
Illinois	28	1,008,849	303,613	706,390	203,800	910,190	-7,842	-3.7	42,750	30
Indiana	21	113,659	34,119	79,554	23,649	103,203	406	1.7	3,772	52
Iowa	4	288,210	90,313	197,897	55,518	253,414	-2,505	-4.3	19,504	*
Kansas	16	282,986	122,982	163,852	94,157	258,009	-2,442	-2.5	15,204	1,333
Kentucky	22	221,695	107,596	112,827	70,066	182,894	-11,641	-14.2	10,402	803
Louisiana	19	740,013	449,422	281,494	260,372	541,867	-82,911	-24.2	50,649	30,403
Maryland	1	64,000	18,300	45,677	14,497	60,175	-1,391	-8.8	655	3
Michigan	44	1,071,608	683,820	386,921	487,275	874,195	-121,165	-19.9	65,910	593
Minnesota	1	7,000	2,000	4,848	1,948	6,796	52	2.7	279	0
Mississippi	12	334,092	204,013	124,988	73,765	198,754	-50,571	-40.7	15,455	25,183
Missouri	1	13,845	3,656	10,189	2,416	12,605	-4,068	-62.7	270	26
Montana	4	376,225	197,477	178,501	26,654	205,155	-8,589	-24.4	2,954	503
Nebraska	1	34,850	12,653	22,197	9,353	31,550	-724	-7.2	1,402	2
New Mexico	2	89,100	59,738	29,362	19,688	49,050	-20,353	-50.8	1,368	880
New York	26	245,779	127,492	114,176	90,732	204,909	-11,474	-11.2	15,133	592
Ohio	24	575,794	253,750	321,358	167,083	488,442	-18,158	-9.8	23,480	738
Oklahoma	13	376,528	198,675	177,696	124,195	301,891	-26,885	-17.8	14,491	4,188
Oregon	7	29,565	15,935	12,639	15,722	28,360	-1,867	-10.6	2,316	0
Pennsylvania	49	763,296	427,601	335,612	309,371	644,982	-37,091	-10.7	58,348	4,124
Tennessee	2	2,400	1,800	878	1,516	2,393	213	16.4	0	2
Texas	35	845,081	545,640	293,771	280,303	574,074	-120,751	-30.1	54,465	42,256
Utah	3	124,509	54,942	69,508	41,730	111,238	-6,392	-13.3	6,034	43
Virginia	2	9,500	5,400	4,100	4,027	8,127	-941	-18.9	1,186	1,011
Washington	1	46,900	24,600	22,300	22,399	44,699	-909	-3.9	2,975	538
West Virginia	31	530,837	268,637	262,862	192,322	455,183	-19,062	-9.0	25,184	2,848
Wyoming	9	155,995	74,492	67,671	35,059	102,730	47	0.1	1,538	863
Regions										
East Region	133	2,189,206	1,101,180	1,083,785	778,032	1,861,818	-88,117	-10.2	123,986	9,315
South Central Region	99	2,644,075	1,562,776	1,065,132	846,060	1,911,193	-291,360	-25.6	151,981	108,293
Midwest Region	123	2,727,265	1,226,916	1,499,504	846,187	2,345,691	-146,551	-14.8	142,888	1,506
Mountain Region	29	920,306	471,075	427,609	178,885	606,494	-39,496	-18.1	20,881	5,164
Pacific Region	22	680,273	413,771	265,544	263,003	528,547	-50,895	-16.2	22,269	5,366
Total Lower 48 States	406	9,161,125	4,775,718	4,341,574	2,912,168	7,253,742	-616,418	-17.5	462,006	129,644
U.S. Total	411	9,244,717	4,843,633	4,355,771	2,950,564	7,306,335	-616,665	-17.3	463,605	129,707

^a Alaska data are not included in the regions' totals or the lower 48 states total.

* Volume is less than 500 Mcf.

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."