

**Table 12. Net withdrawals from underground storage, by state, 2014-2016**  
(million cubic feet)

State	2016		Total	2015		
	February	January		December	November	October
Alabama	-713	4,787	-3,817	-249	-1,217	-415
Alaska <sup>a</sup>	-459	-50	782	140	197	-52
Arkansas	328	434	-1,046	-127	-283	-212
California	7,203	40,217	-2,698	44,087	5,699	-18,709
Colorado	2,412	9,800	-5,930	9,420	1,802	-4,141
Illinois	50,274	69,604	-10,603	45,715	-1,164	-36,756
Indiana	5,259	6,106	-4,411	1,569	-1,236	-2,047
Iowa	10,674	19,427	-4,955	16,556	4,637	-14,124
Kansas	11,914	26,541	-10,954	11,377	7,836	-5,912
Kentucky	9,656	19,675	-17,554	7,953	-1,730	-9,465
Louisiana	21,175	56,058	-88,237	8,860	-15,244	-40,257
Maryland	2,294	3,991	-1,304	517	490	-262
Michigan	80,654	108,415	-87,722	30,889	3,499	-60,050
Minnesota	127	315	-78	10	-149	-262
Mississippi	6,944	36,129	-27,879	-723	-4,892	-14,206
Missouri	-168	433	-586	28	-212	-268
Montana	2,057	4,394	-3,197	3,620	2,456	-1,050
Nebraska	549	1,788	-786	979	212	-1,193
New Mexico	1,413	1,568	-19,897	-616	-2,132	-2,258
New York	14,573	21,931	-17,194	2,247	-87	-6,422
Ohio	32,160	47,082	-33,025	19,441	7,717	-11,308
Oklahoma	10,070	26,725	-32,397	8,250	3,951	-13,483
Oregon	481	1,845	474	2,338	1,139	-1,330
Pennsylvania	62,426	87,473	-40,797	11,466	-5,821	-31,589
Tennessee	0	0	0	0	0	0
Texas	24,128	56,721	-91,530	6,424	-2,086	-41,913
Utah	3,685	8,830	-8,073	6,185	3,131	-1,402
Virginia	17	1,612	-468	48	-270	-545
Washington	5,854	1,480	4,545	2,710	3,788	-792
West Virginia	35,655	62,042	-28,160	23,846	2,845	-9,186
Wyoming	2,448	3,031	-1,237	1,646	-255	-1,419
<b>Regions</b>						
East Region	147,125	224,131	-120,948	57,566	4,874	-59,311
South Central Region	73,846	207,396	-255,860	33,813	-11,936	-116,399
Midwest Region	156,476	223,975	-125,909	102,720	3,645	-122,971
Mountain Region	12,562	29,411	-39,121	21,235	5,213	-11,462
Pacific Region	13,538	43,542	2,322	49,135	10,625	-20,831
<b>Total Lower 48 States</b>	<b>403,548</b>	<b>728,455</b>	<b>-539,517</b>	<b>264,468</b>	<b>12,421</b>	<b>-330,975</b>
<b>U.S. Total</b>	<b>403,089</b>	<b>728,405</b>	<b>-538,735</b>	<b>264,608</b>	<b>12,618</b>	<b>-331,026</b>

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2014-2016

(million cubic feet) – continued

State	2015					
	September	August	July	June	May	April
Alabama	-2,416	1,057	-971	-734	-5,684	-6,159
Alaska <sup>a</sup>	92	-108	-171	-78	-71	219
Arkansas	-141	-403	-437	-357	-411	91
California	-6,577	1,758	-8,522	-10,336	-25,451	-16,467
Colorado	-5,250	-5,181	-5,048	-6,817	-5,045	1,888
Illinois	-37,238	-34,172	-32,685	-29,520	-28,714	1,105
Indiana	-3,878	-3,494	-2,687	-2,942	-2,903	-294
Iowa	-16,136	-13,614	-2,563	-6,962	-5,355	541
Kansas	-14,045	-9,249	-16,737	-11,868	-13,935	-2,777
Kentucky	-7,783	-6,294	-5,729	-5,537	-9,947	-14,941
Louisiana	-33,722	-20,717	-17,892	-16,431	-36,612	-45,037
Maryland	-372	-2,786	-2,440	-2,577	-2,522	-254
Michigan	-75,170	-81,284	-74,938	-82,493	-82,150	-42,975
Minnesota	-219	-202	-176	-37	6	6
Mississippi	-16,234	-4,313	-1,700	-11,013	-21,243	-30,471
Missouri	-581	0	0	*	0	0
Montana	-2,101	-3,445	-3,385	-3,128	-2,545	-1,350
Nebraska	-1,296	-965	-77	-1,343	-1,121	-417
New Mexico	-1,275	-1,429	-1,726	-1,306	-2,874	-2,771
New York	-8,417	-8,306	-9,358	-15,320	-12,888	-4,966
Ohio	-22,886	-27,651	-25,160	-26,651	-31,413	-14,797
Oklahoma	-8,189	-6,183	-8,740	-17,758	-30,908	-22,563
Oregon	-1,482	-685	2	-374	-2,416	116
Pennsylvania	-38,785	-35,179	-24,593	-51,105	-62,659	-27,319
Tennessee	0	0	0	0	0	0
Texas	-35,276	-6,397	-1,462	-23,854	-64,583	-68,034
Utah	-4,323	-3,183	-5,792	-5,110	-6,367	-512
Virginia	-623	-508	-87	-509	-600	793
Washington	-2,976	-4,747	278	122	-4,285	-1,199
West Virginia	-22,820	-30,311	-28,852	-25,772	-33,361	-23,211
Wyoming	-1,866	-1,115	-1,186	-1,715	-1,151	308
<b>Regions</b>						
East Region	-93,904	-104,741	-90,489	-121,935	-143,443	-69,755
South Central Region	-110,024	-46,205	-47,939	-82,015	-173,376	-174,950
Midwest Region	-141,004	-139,059	-118,778	-127,490	-129,063	-56,557
Mountain Region	-16,112	-15,317	-17,214	-19,419	-19,103	-2,853
Pacific Region	-11,035	-3,674	-8,243	-10,588	-32,152	-17,550
<b>Total Lower 48 States</b>	<b>-372,079</b>	<b>-308,996</b>	<b>-282,663</b>	<b>-361,447</b>	<b>-497,137</b>	<b>-321,666</b>
<b>U.S. Total</b>	<b>-371,987</b>	<b>-309,104</b>	<b>-282,834</b>	<b>-361,525</b>	<b>-497,208</b>	<b>-321,448</b>

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2014-2016

(million cubic feet) – continued

State	2015			2014		
	March	February	January	Total	December	November
Alabama	-243	8,440	4,774	-5,603	-1,346	321
Alaska <sup>a</sup>	235	185	194	-5,152	-733	-558
Arkansas	234	567	431	468	187	259
California	-4,345	-2,750	38,916	-45,335	14,741	2,894
Colorado	920	5,579	5,942	-1,818	9,314	2,970
Illinois	21,193	58,104	63,529	-10,730	50,911	11,226
Indiana	2,709	5,238	5,552	-841	2,764	207
Iowa	6,384	11,129	14,550	-7,424	15,333	9,991
Kansas	-521	26,416	18,461	-15,614	8,640	11,740
Kentucky	2,284	20,181	13,454	-5,015	1,712	2,549
Louisiana	-1,990	73,436	57,369	21,565	11,447	7,202
Maryland	970	4,876	3,057	556	596	2,764
Michigan	61,590	176,480	138,879	-75,432	47,328	51,226
Minnesota	351	255	337	-364	97	-107
Mississippi	371	40,415	36,131	-35,561	-4,655	-2,348
Missouri	-976	1,273	151	-1,253	135	-314
Montana	-172	3,314	4,588	16,007	3,346	3,688
Nebraska	669	1,778	1,989	-278	888	719
New Mexico	-2,404	-1,237	131	7,015	440	-200
New York	12,114	16,529	17,678	-4,857	5,228	7,036
Ohio	19,170	37,546	42,969	-6,127	23,765	18,676
Oklahoma	1,625	31,015	30,588	-6,811	15,204	7,444
Oregon	-732	688	3,212	-3,318	1,267	1,993
Pennsylvania	48,329	92,652	83,807	-41,556	29,332	16,036
Tennessee	0	0	0	0	0	0
Texas	4,146	75,241	66,265	-19,539	10,548	-17,967
Utah	-197	3,249	6,246	-1,155	7,368	4,621
Virginia	-1,256	1,821	1,268	6	158	176
Washington	2,520	4,712	4,416	-3,458	676	1,577
West Virginia	19,409	41,225	58,024	-765	30,123	16,358
Wyoming	1,217	2,397	1,901	-569	1,586	831
<b>Regions</b>						
East Region	98,736	194,649	206,803	-52,743	89,203	61,045
South Central Region	3,622	255,529	214,020	-61,096	40,026	6,651
Midwest Region	93,536	272,661	236,452	-101,059	118,280	74,778
Mountain Region	34	15,081	20,797	19,202	22,941	12,630
Pacific Region	-2,557	2,649	46,544	-52,112	16,684	6,464
<b>Total Lower 48 States</b>	<b>193,371</b>	<b>740,569</b>	<b>724,616</b>	<b>-247,806</b>	<b>287,134</b>	<b>161,568</b>
<b>U.S. Total</b>	<b>193,606</b>	<b>740,754</b>	<b>724,811</b>	<b>-252,958</b>	<b>286,401</b>	<b>161,011</b>

See footnotes at end of table.

Table 12. Net withdrawals from underground storage, by state, 2014-2016

(million cubic feet) – continued

State	2014					
	October	September	August	July	June	May
Alabama	-3,227	-761	492	-38	-420	-5,110
Alaska <sup>a</sup>	106	-564	-697	-256	-1,546	-263
Arkansas	-12	-166	-396	-422	-450	-450
California	-27,183	-12,319	-22,052	-20,946	-41,166	-48,253
Colorado	-3,960	-6,177	-6,161	-7,622	-7,111	-3,848
Illinois	-38,767	-38,887	-39,186	-35,418	-35,170	-29,654
Indiana	-2,561	-3,451	-3,655	-3,103	-3,175	-2,745
Iowa	-11,564	-16,589	-16,826	-8,737	-7,981	-7,521
Kansas	-9,250	-12,602	-7,892	-15,372	-12,785	-4,659
Kentucky	-11,752	-9,008	-9,946	-9,214	-9,743	-8,340
Louisiana	-49,804	-37,896	-26,081	-35,789	-30,151	-29,849
Maryland	-1,919	-1,591	14	-2,308	-3,179	-3,611
Michigan	-45,756	-78,777	-92,472	-97,216	-97,918	-85,403
Minnesota	-294	-223	-269	-247	-225	-184
Mississippi	-14,920	-13,380	331	-7,067	-16,132	-28,960
Missouri	-312	-257	-777	0	0	*
Montana	-1,742	-1,952	-2,072	-2,852	-2,151	-2,124
Nebraska	-574	-2,299	-1,907	-1,589	-1,809	-94
New Mexico	-2,469	-41	1,099	401	-2,165	-1,792
New York	-11,131	-14,041	-15,669	-13,780	-11,399	-6,000
Ohio	-15,873	-25,383	-22,667	-22,917	-28,204	-27,166
Oklahoma	-24,105	-15,412	-10,561	-10,836	-16,051	-19,840
Oregon	-505	-1,425	-1,897	-3,056	-4,133	-3,018
Pennsylvania	-39,656	-50,233	-44,335	-38,363	-55,862	-63,219
Tennessee	0	0	0	0	0	0
Texas	-60,721	-44,441	-11,235	-22,245	-33,940	-44,996
Utah	-1,973	-5,125	-5,742	-7,678	-7,760	-8,156
Virginia	-638	-848	183	-282	167	-573
Washington	-223	-1,524	-4,077	-1,529	-3,418	-5,031
West Virginia	-17,465	-24,144	-25,969	-28,904	-27,051	-35,829
Wyoming	-2,049	-2,016	-3,075	-2,118	-1,709	-953
<b>Regions</b>						
East Region	-86,683	-116,239	-108,445	-106,553	-125,529	-136,399
South Central Region	-162,037	-124,657	-55,342	-91,771	-109,928	-133,863
Midwest Region	-111,005	-147,193	-163,132	-153,935	-154,212	-133,848
Mountain Region	-12,768	-17,611	-17,858	-21,457	-22,706	-16,967
Pacific Region	-27,912	-15,268	-28,027	-25,531	-48,717	-56,302
<b>Total Lower 48 States</b>	<b>-400,405</b>	<b>-420,968</b>	<b>-372,803</b>	<b>-399,247</b>	<b>-461,091</b>	<b>-477,379</b>
<b>U.S. Total</b>	<b>-400,299</b>	<b>-421,532</b>	<b>-373,501</b>	<b>-399,503</b>	<b>-462,637</b>	<b>-477,641</b>

See footnotes at end of table.

**Table 12. Net withdrawals from underground storage, by state, 2014-2016**  
(million cubic feet) – continued

State	2014			
	April	March	February	January
Alabama	-5,260	61	3,236	6,448
Alaska <sup>a</sup>	-701	-197	559	-301
Arkansas	248	416	707	546
California	-37,379	7,619	74,988	63,722
Colorado	-381	4,485	8,422	8,251
Illinois	-1,578	23,881	49,721	72,190
Indiana	-297	2,106	5,517	7,553
Iowa	1,171	5,913	10,432	18,955
Kansas	-3,998	1,135	11,044	18,383
Kentucky	-4,574	12,228	16,687	24,386
Louisiana	-16,457	47,174	64,290	117,479
Maryland	-979	1,843	3,686	5,240
Michigan	-36,504	58,301	129,459	172,300
Minnesota	104	240	284	461
Mississippi	-23,328	7,170	19,014	48,713
Missouri	-5	1	58	218
Montana	1,805	5,696	7,344	7,020
Nebraska	761	498	2,400	2,728
New Mexico	-399	2,453	5,131	4,559
New York	-1,276	14,829	17,329	24,017
Ohio	-9,245	19,863	32,485	50,540
Oklahoma	-10,928	14,326	29,979	33,969
Oregon	-36	102	2,637	4,752
Pennsylvania	-26,488	46,657	88,267	96,309
Tennessee	0	0	0	0
Texas	-30,409	44,718	89,138	102,009
Utah	224	4,590	8,588	9,887
Virginia	-449	199	-293	2,208
Washington	-2,089	2,671	5,288	4,221
West Virginia	-8,421	22,841	38,330	59,366
Wyoming	-575	1,635	3,435	4,440
<b>Regions</b>				
East Region	-46,858	106,232	179,804	237,678
South Central Region	-90,131	115,000	217,408	327,547
Midwest Region	-41,683	102,669	212,159	296,063
Mountain Region	1,434	19,358	35,320	36,887
Pacific Region	-39,504	10,393	82,912	72,695
<b>Total Lower 48 States</b>	<b>-216,741</b>	<b>353,651</b>	<b>727,603</b>	<b>970,871</b>
<b>U.S. Total</b>	<b>-217,441</b>	<b>353,454</b>	<b>728,162</b>	<b>970,569</b>

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

<sup>R</sup> Revised data.

\* Volume is less than 500,000 cubic feet

**Notes:** This table contains total net withdrawals for each of the states with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. 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.

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