

Table 4. Natural gas gross withdrawals in selected states and the Federal Gulf of Mexico with monthly and annual changes
million cubic feet per day

Report month	U.S. Total			Lower 48 States			Alaska		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	87,927	-0.2%	-0.7%	79,852	-0.6%	-2.6%	8,075	4.5%	22.7%
Sep-16	87,670	-0.3%	-3.4%	79,361	-0.6%	-3.2%	8,309	2.9%	-4.6%
Oct-16	87,686	0.0%	-3.1%	78,914	-0.6%	-3.2%	8,772	5.6%	-2.7%
Nov-16	89,087	1.6%	-2.0%	79,288	0.5%	-2.4%	9,799	11.7%	1.5%
Dec-16	88,459	-0.7%	-2.5%	78,507	-1.0%	-3.0%	9,952	1.6%	1.5%
Jan-17	88,170	-0.3%	-3.4%	78,444	-0.1%	-3.9%	9,726	-2.3%	0.9%
Feb-17	89,614	1.6%	-2.2%	79,791	1.7%	-2.9%	9,823	1.0%	4.2%
Mar-17	89,687	0.1%	-1.7%	79,748	-0.1%	-2.4%	9,939	1.2%	4.4%
Apr-17	89,478	-0.2%	0.1%	79,913	0.2%	-1.5%	9,565	-3.8%	16.6%
May-17	89,434	0.0%	-0.5%	80,186	0.3%	-1.3%	9,248	-3.3%	6.5%
Jun-17	89,449	0.0%	1.8%	81,155	1.2%	1.3%	8,294	-10.3%	6.4%
Jul-17	88,781	-0.7%	0.8%	82,145	1.2%	2.2%	6,636	-20.0%	-14.1%
Aug-17	89,053	0.3%	1.3%	81,905	-0.3%	2.6%	7,148	7.7%	-11.5%

Report month	Arkansas			California			Colorado		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	2,160	-1.6%	-20.0%	559	-0.7%	-11.0%	4,710	2.3%	0.7%
Sep-16	2,133	-1.2%	-21.2%	558	-0.2%	-9.1%	4,673	-0.8%	1.2%
Oct-16	2,120	-0.6%	-20.8%	545	-2.3%	-8.9%	4,706	0.7%	-0.3%
Nov-16	2,094	-1.2%	-20.4%	540	-0.9%	-10.0%	4,713	0.2%	0.3%
Dec-16	2,035	-2.8%	-21.3%	530	-1.9%	-10.9%	4,647	-1.4%	0.3%
Jan-17	2,117	4.0%	-15.4%	557	5.1%	-5.3%	4,614	-0.7%	-0.9%
Feb-17	2,132	0.7%	-13.7%	547	-1.7%	-5.7%	4,648	0.7%	0.8%
Mar-17	1,997	-6.3%	-16.6%	545	-0.3%	-4.5%	4,598	-1.1%	-0.2%
Apr-17	1,998	0.0%	-15.0%	554	1.5%	1.5%	4,545	-1.2%	-2.0%
May-17	1,972	-1.3%	-14.6%	558	0.8%	-4.5%	4,466	-1.7%	-4.3%
Jun-17	1,950	-1.1%	-12.8%	562	0.7%	0.4%	4,479	0.3%	-1.8%
Jul-17	2,007	2.9%	-8.5%	562	0.0%	-0.2%	4,539	1.3%	-1.4%
Aug-17	1,886	-6.0%	-12.7%	564	0.4%	0.9%	4,633	2.1%	-1.6%

Report month	Federal Offshore Gulf of Mexico			Kansas			Louisiana		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	3,336	2.7%	-14.2%	655	-1.0%	-13.5%	4,600	-7.0%	-6.0%
Sep-16	3,164	-5.2%	-19.1%	693	5.8%	-7.6%	4,760	3.5%	-4.9%
Oct-16	3,290	4.0%	-9.0%	640	-7.8%	-14.0%	4,722	-0.8%	-3.7%
Nov-16	3,306	0.5%	-3.1%	615	-3.9%	-15.2%	4,591	-2.8%	-5.7%
Dec-16	3,394	2.7%	-3.7%	638	3.8%	-9.1%	4,702	2.4%	-4.2%
Jan-17	3,417	0.7%	-0.2%	621	-2.6%	-10.4%	4,933	4.9%	0.2%
Feb-17	3,353	-1.9%	-1.1%	627	1.0%	-9.0%	5,157	4.5%	3.8%
Mar-17	3,411	1.7%	-2.4%	620	-1.2%	-10.1%	5,351	3.8%	11.5%
Apr-17	3,125	-8.4%	-5.2%	608	-1.9%	-10.3%	5,238	-2.1%	4.3%
May-17	3,198	2.3%	-8.1%	597	-1.7%	-11.3%	5,310	1.4%	11.3%
Jun-17	3,026	-5.4%	-4.5%	612	2.4%	-7.0%	5,685	7.1%	22.1%
Jul-17	3,146	4.0%	-3.1%	609	-0.4%	-7.9%	5,826	2.5%	17.8%
Aug-17	2,980	-5.3%	-10.7%	600	-1.5%	-8.4%	5,935	1.9%	29.0%

Report month	Montana			New Mexico			North Dakota		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	133	-5.7%	-15.5%	3,599	1.9%	-1.3%	1,640	-3.5%	-0.3%
Sep-16	139	4.3%	-11.7%	3,603	0.1%	-2.4%	1,613	-1.6%	0.6%
Oct-16	140	0.8%	-11.8%	3,548	-1.5%	-2.8%	1,720	6.6%	3.8%
Nov-16	142	1.5%	-9.0%	3,568	0.5%	-1.6%	1,762	2.5%	5.0%
Dec-16	135	-5.2%	-11.3%	3,485	-2.3%	5.6%	1,541	-12.6%	-7.9%
Jan-17	131	-2.9%	-12.3%	3,389	-2.8%	2.9%	1,565	1.6%	-4.7%
Feb-17	133	1.6%	-10.8%	3,482	2.8%	2.7%	1,714	9.5%	1.3%
Mar-17	131	-1.6%	-11.7%	3,517	1.0%	-0.5%	1,749	2.1%	2.1%
Apr-17	132	1.1%	-10.2%	3,597	2.3%	1.7%	1,847	5.6%	13.2%
May-17	133	0.8%	-8.4%	3,632	1.0%	3.4%	1,861	0.8%	13.1%
Jun-17	133	-0.3%	-6.7%	3,623	-0.3%	3.0%	1,856	-0.3%	11.4%
Jul-17	132	-0.3%	-6.2%	3,618	-0.1%	2.4%	1,892	1.9%	11.3%
Aug-17	133	0.2%	-0.3%	3,631	0.4%	0.9%	1,939	2.5%	18.2%

See notes and sources at end of table.

Table 4. Natural gas gross withdrawals in selected states and the Federal Gulf of Mexico with monthly and annual changes (continued)

million cubic feet per day

Report month	Ohio			Oklahoma			Pennsylvania		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	4,066	0.0%	43.6%	6,813	0.3%	-1.1%	14,238	-1.5%	7.7%
Sep-16	4,066	0.0%	43.6%	6,740	-1.1%	-1.0%	14,077	-1.1%	6.1%
Oct-16	4,091	0.6%	19.3%	6,652	-1.3%	-1.5%	13,730	-2.5%	4.5%
Nov-16	4,091	0.0%	19.3%	6,512	-2.1%	-3.1%	14,656	6.7%	7.4%
Dec-16	4,091	0.0%	19.3%	6,304	-3.2%	-5.9%	14,984	2.2%	7.1%
Jan-17	4,275	4.5%	13.7%	6,256	-0.8%	-9.4%	14,893	-0.6%	2.4%
Feb-17	4,367	2.2%	16.1%	6,399	2.3%	-7.8%	14,983	0.6%	0.1%
Mar-17	4,233	-3.1%	12.5%	6,710	4.9%	-3.1%	14,827	-1.0%	1.6%
Apr-17	4,363	3.1%	14.4%	6,779	1.0%	-0.1%	14,921	0.6%	3.1%
May-17	4,348	-0.3%	14.0%	6,706	-1.1%	-1.9%	14,766	-1.0%	-0.8%
Jun-17	4,642	6.8%	21.7%	6,790	1.2%	0.8%	14,772	0.0%	0.9%
Jul-17	5,038	8.5%	23.9%	6,878	1.3%	1.2%	14,727	-0.3%	1.9%
Aug-17	5,159	2.4%	26.9%	7,020	2.1%	3.0%	14,505	-1.5%	1.9%

Report month	Texas			Utah			West Virginia		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	22,293	-0.7%	-7.8%	976	-0.1%	-7.4%	3,845	0.0%	3.9%
Sep-16	21,755	-2.4%	-10.0%	960	-1.6%	-6.0%	3,831	-0.4%	2.9%
Oct-16	21,575	-0.8%	-9.6%	940	-2.1%	-6.4%	3,811	-0.5%	9.0%
Nov-16	21,281	-1.4%	-10.0%	925	-1.7%	-9.0%	3,869	1.5%	19.1%
Dec-16	20,676	-2.8%	-10.8%	909	-1.7%	-16.7%	3,962	2.4%	15.3%
Jan-17	20,725	0.2%	-9.4%	894	-1.7%	-17.8%	4,000	1.0%	8.5%
Feb-17	21,206	2.3%	-7.6%	894	0.0%	-15.7%	4,013	0.3%	7.7%
Mar-17	20,933	-1.3%	-8.5%	893	-0.2%	-16.1%	4,085	1.8%	12.8%
Apr-17	21,096	0.8%	-7.2%	884	-1.0%	-15.7%	4,057	-0.7%	9.8%
May-17	21,478	1.8%	-5.1%	882	-0.2%	-13.7%	4,257	4.9%	14.8%
Jun-17	21,667	0.9%	-4.3%	871	-1.2%	-11.9%	4,337	1.9%	24.8%
Jul-17	21,918	1.2%	-2.4%	846	-2.9%	-13.5%	4,390	1.2%	14.1%
Aug-17	21,449	-2.1%	-3.8%	843	-0.3%	-13.7%	4,571	4.1%	18.9%

Report month	Wyoming			Other States		
	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Aug-16	4,694	1.2%	-13.4%	1,534	-0.7%	-8.4%
Sep-16	5,060	7.8%	-7.0%	1,537	0.2%	-8.1%
Oct-16	5,163	2.0%	-5.1%	1,522	-1.0%	-8.6%
Nov-16	5,090	-1.4%	-6.8%	1,533	0.7%	-6.8%
Dec-16	4,978	-2.2%	-7.2%	1,496	-2.4%	-8.9%
Jan-17	4,556	-8.5%	-13.5%	1,504	0.5%	-6.7%
Feb-17	4,644	1.9%	-10.8%	1,492	-0.8%	-8.5%
Mar-17	4,668	0.5%	-11.8%	1,479	-0.9%	-8.8%
Apr-17	4,705	0.8%	-9.3%	1,466	-0.9%	-6.8%
May-17	4,558	-3.1%	-8.0%	1,463	-0.2%	-7.3%
Jun-17	4,710	3.3%	-7.3%	1,440	-1.6%	-6.5%
Jul-17	4,651	-1.2%	0.2%	1,367	-5.1%	-11.5%
Aug-17	4,674	0.5%	-0.4%	1,383	1.2%	-9.9%

Notes: Natural gas production represents monthly natural gas gross withdrawals estimated from data collected on the EIA-914 survey. Data for Arkansas, California, Colorado, Federal Offshore Gulf of Mexico, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, and Wyoming are individually collected on the EIA-914 survey. The "Other States" category comprises states/areas not individually collected on the EIA-914 survey (Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia). Before 2017, Federal Offshore Pacific is included in California. All data for Alaska are obtained directly from the state. Data for 2017 are estimated. The sum of individual states may not equal total U.S. volumes due to independent rounding. Previous months' production volumes may have been revised for all states/areas. Percent change is calculated using unrounded values.

Sources: Form EIA-914, *Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*.