

Table 2. Production of crude oil and lease condensate in the United States with monthly and annual changes

thousand barrels per day

Report month	U.S. Total			Lower 48 States			Alabama		
	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	8,716	0.4%	-7.1%	8,257	0.2%	-8.0%	22	-0.2%	-15.9%
Sep-16	8,553	-1.9%	-9.2%	8,101	-1.9%	-9.5%	22	1.8%	-17.2%
Oct-16	8,791	2.8%	-5.9%	8,296	2.4%	-6.2%	22	0.0%	-15.7%
Nov-16	8,876	1.0%	-4.7%	8,363	0.8%	-4.8%	22	-0.4%	-13.5%
Dec-16	8,771	-1.2%	-5.0%	8,252	-1.3%	-5.3%	21	-1.7%	-12.4%
Jan-17	8,851	0.9%	-3.7%	8,335	1.0%	-3.9%	20	-5.2%	-15.8%
Feb-17	9,070	2.5%	-0.4%	8,557	2.7%	-0.5%	20	-0.3%	-12.3%
Mar-17	9,131	0.7%	0.0%	8,605	0.6%	-0.2%	20	-1.7%	-10.5%
Apr-17	9,120	-0.1%	2.4%	8,595	-0.1%	2.1%	19	-5.4%	-13.1%
May-17	9,161	0.5%	3.4%	8,654	0.7%	3.6%	18	-3.6%	-17.9%
Jun-17	9,096	-0.7%	4.5%	8,633	-0.2%	4.9%	18	1.6%	-15.7%
Jul-17	9,234	1.5%	6.4%	8,811	2.1%	6.9%	18	-4.1%	-18.0%
Aug-17	9,203	-0.3%	5.6%	8,752	-0.7%	6.0%	18	-0.6%	-18.3%

Report month	Alaska			Arizona			Arkansas		
	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	459	4.7%	12.5%	0	-19.4%	-91.1%	15	4.2%	-9.6%
Sep-16	452	-1.5%	-4.3%	0	-1.1%	-87.2%	15	1.1%	-10.5%
Oct-16	495	9.5%	-0.4%	0	103.3%	-68.3%	15	-4.4%	-12.1%
Nov-16	513	3.7%	-1.9%	0	67.1%	3858.6%	15	0.8%	-10.3%
Dec-16	519	1.2%	-0.6%	0	-28.8%	-9.1%	14	-4.8%	-13.1%
Jan-17	516	-0.6%	0.0%	0	-12.2%	-6.9%	14	-0.4%	-11.2%
Feb-17	513	-0.5%	1.2%	0	19.3%	-34.6%	14	1.4%	-10.5%
Mar-17	526	2.4%	2.9%	0	13.2%	-3.7%	14	1.5%	-5.3%
Apr-17	525	-0.1%	7.5%	0	3.3%	96.3%	14	-0.4%	-8.6%
May-17	508	-3.4%	0.5%	0	3.4%	149.4%	14	-0.5%	-4.3%
Jun-17	463	-8.8%	-1.6%	0	0.0%	181.5%	14	-1.6%	-7.3%
Jul-17	423	-8.7%	-3.5%	0	3.8%	153.7%	14	1.7%	-1.7%
Aug-17	451	6.6%	-1.8%	0	16.1%	265.4%	14	-1.2%	-6.8%

Report month	California			Colorado			Federal Offshore Gulf of Mexico		
	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	507	0.3%	-7.2%	322	0.8%	-7.0%	1,618	3.7%	-0.7%
Sep-16	505	-0.3%	-7.4%	321	-0.2%	-2.8%	1,502	-7.2%	-9.6%
Oct-16	501	-0.8%	-7.7%	317	-1.3%	-8.2%	1,605	6.8%	1.7%
Nov-16	499	-0.5%	-8.4%	319	0.5%	-6.4%	1,680	4.7%	10.2%
Dec-16	480	-3.7%	-10.8%	294	-7.7%	-10.9%	1,730	3.0%	7.8%
Jan-17	472	-1.8%	-12.2%	294	-0.2%	-11.2%	1,758	1.6%	10.4%
Feb-17	483	2.4%	-8.8%	292	-0.6%	-10.3%	1,751	-0.4%	13.0%
Mar-17	483	-0.1%	-8.5%	296	1.6%	-6.7%	1,759	0.5%	9.2%
Apr-17	482	-0.2%	-6.8%	315	6.2%	-0.2%	1,657	-5.8%	5.3%
May-17	478	-0.8%	-5.7%	325	3.2%	4.6%	1,658	0.1%	4.1%
Jun-17	474	-0.9%	-2.0%	324	-0.2%	5.2%	1,636	-1.3%	5.5%
Jul-17	472	-0.5%	-6.7%	342	5.6%	7.1%	1,759	7.6%	12.8%
Aug-17	468	-0.7%	-7.6%	374	9.4%	16.3%	1,693	-3.7%	4.7%

Report month	Federal Offshore Pacific			Florida			Idaho		
	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	17	4.3%	-11.5%	5	7.8%	-17.2%	0	-55.3%	258.9%
Sep-16	16	-3.9%	-14.1%	5	-2.9%	-15.9%	1	53.9%	103.8%
Oct-16	16	1.9%	-13.6%	5	1.2%	-16.5%	0	-15.8%	78.8%
Nov-16	16	-0.9%	-14.7%	5	2.8%	-13.5%	1	22.3%	168.0%
Dec-16	16	-1.6%	-13.7%	5	-6.1%	-17.4%	1	0.7%	136.0%
Jan-17	16	0.0%	-12.6%	5	4.7%	-10.1%	0	-24.8%	41.2%
Feb-17	16	-2.3%	-9.8%	5	-2.3%	-9.1%	0	-2.9%	-16.4%
Mar-17	15	-2.5%	-12.4%	6	11.3%	1.8%	0	-6.5%	-56.6%
Apr-17	16	4.1%	-4.9%	6	-0.5%	6.7%	0	7.4%	-53.3%
May-17	16	4.4%	-9.0%	6	0.9%	8.2%	0	-33.5%	-69.9%
Jun-17	16	0.1%	-2.4%	5	-8.3%	-0.9%	0	-5.2%	-71.5%
Jul-17	16	-0.7%	2.6%	6	6.3%	14.0%	0	-5.7%	-68.9%
Aug-17	16	-2.7%	-4.2%	5	-1.5%	4.2%	0	0.0%	-30.4%

See notes and sources at end of table.

Table 2. Production of crude oil and lease condensate in the United States with monthly and annual changes, continued

thousand barrels per day

Report month	Illinois			Indiana			Kansas		
	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	24	7.2%	-8.2%	5	5.0%	-16.8%	101	0.3%	-16.5%
Sep-16	24	-1.4%	-13.7%	5	0.6%	-16.1%	101	-0.5%	-16.1%
Oct-16	23	-2.6%	-14.3%	5	-4.6%	-17.7%	100	-1.1%	-14.9%
Nov-16	23	-0.2%	-9.5%	5	2.5%	-7.9%	99	-0.2%	-6.5%
Dec-16	23	1.4%	-12.8%	5	2.2%	-9.8%	95	-4.0%	-17.8%
Jan-17	22	-4.8%	-0.9%	5	-3.2%	8.4%	97	1.5%	-11.0%
Feb-17	24	6.1%	-2.1%	5	0.6%	8.8%	100	3.3%	-11.9%
Mar-17	23	-0.2%	-7.4%	5	1.3%	-2.0%	101	1.0%	-10.0%
Apr-17	23	-3.9%	-6.5%	5	2.4%	4.2%	99	-1.7%	-2.9%
May-17	22	-2.3%	-6.1%	5	-11.7%	-6.7%	98	-0.8%	-6.9%
Jun-17	23	5.9%	-6.4%	5	9.1%	-6.1%	100	1.5%	-7.5%
Jul-17	22	-6.8%	-2.7%	5	-6.0%	-3.2%	98	-1.6%	-2.7%
Aug-17	23	6.9%	-3.0%	5	7.1%	-1.2%	97	-0.9%	-3.9%

Report month	Kentucky			Louisiana			Michigan		
	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	5	-38.5%	-27.3%	148	-4.1%	-12.3%	15	0.0%	-13.9%
Sep-16	6	6.9%	-28.0%	154	3.8%	-10.0%	15	-0.4%	-13.4%
Oct-16	4	-21.8%	-55.8%	154	0.1%	-8.7%	15	1.8%	-11.0%
Nov-16	10	124.4%	303.7%	146	-4.9%	-11.8%	15	-1.3%	-11.1%
Dec-16	12	20.2%	3.2%	143	-2.1%	-11.5%	16	5.0%	-4.6%
Jan-17	5	-59.3%	-35.4%	141	-1.4%	-9.8%	15	-6.6%	-7.4%
Feb-17	4	-11.5%	6.6%	143	1.4%	-11.0%	14	-2.8%	-9.5%
Mar-17	8	92.1%	1.3%	143	0.0%	-10.8%	16	9.6%	2.9%
Apr-17	12	40.2%	107.0%	143	0.0%	-11.0%	15	-3.5%	1.2%
May-17	5	-58.9%	44.1%	141	-1.2%	-10.5%	16	7.2%	7.3%
Jun-17	7	50.6%	-33.7%	137	-3.3%	-11.9%	15	-7.3%	-2.0%
Jul-17	8	5.2%	-12.3%	137	0.2%	-11.0%	12	-19.0%	-18.9%
Aug-17	8	3.0%	46.9%	135	-1.9%	-9.0%	15	21.4%	-1.4%

Report month	Mississippi			Missouri			Montana		
	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	54	-2.0%	-17.8%	0	9.4%	-20.2%	61	-2.5%	-19.3%
Sep-16	53	-1.9%	-18.9%	0	1.1%	-17.6%	61	0.5%	-17.9%
Oct-16	53	-0.8%	-18.8%	0	-0.2%	-19.7%	61	-0.3%	-16.5%
Nov-16	53	0.5%	-16.2%	0	-2.7%	-15.6%	61	0.3%	-15.4%
Dec-16	53	0.2%	-13.4%	0	-0.3%	-15.7%	57	-6.3%	-19.6%
Jan-17	51	-4.5%	-16.0%	0	-3.0%	-12.9%	57	-0.1%	-16.5%
Feb-17	50	-0.8%	-15.0%	0	3.1%	-10.1%	59	2.8%	-13.4%
Mar-17	51	1.0%	-11.0%	0	-6.1%	-18.5%	58	-1.7%	-13.4%
Apr-17	51	-0.6%	-11.9%	0	4.6%	-6.9%	57	-1.4%	-12.1%
May-17	50	-1.6%	-13.1%	0	0.0%	-4.4%	56	-1.8%	-12.8%
Jun-17	51	1.8%	-9.3%	0	6.3%	1.5%	56	-0.9%	-12.7%
Jul-17	50	-1.3%	-9.7%	0	-11.8%	-1.4%	54	-2.1%	-12.9%
Aug-17	51	1.8%	-6.1%	0	0.0%	-9.9%	55	0.6%	-10.1%

Report month	Nebraska			Nevada			New Mexico		
	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	6	0.1%	-33.0%	1	2.8%	3.3%	392	0.2%	-5.5%
Sep-16	6	0.1%	-18.1%	1	0.0%	9.4%	399	2.0%	-3.7%
Oct-16	6	2.8%	-10.7%	1	0.1%	7.5%	404	1.2%	-0.7%
Nov-16	6	-3.1%	-6.9%	1	-5.2%	-0.9%	415	2.6%	0.2%
Dec-16	6	-4.4%	-6.9%	1	0.5%	2.8%	420	1.3%	16.9%
Jan-17	6	2.4%	-6.8%	1	-1.5%	2.4%	416	-0.9%	10.2%
Feb-17	6	7.5%	9.1%	1	2.8%	0.1%	440	5.7%	10.5%
Mar-17	6	-0.6%	4.1%	1	6.6%	9.0%	440	-0.1%	8.4%
Apr-17	6	-0.1%	-2.9%	1	-8.9%	1.4%	448	1.9%	10.9%
May-17	6	1.6%	2.0%	1	8.1%	6.8%	463	3.4%	18.1%
Jun-17	7	9.1%	14.9%	1	-1.4%	0.0%	443	-4.4%	13.8%
Jul-17	7	-4.2%	10.7%	1	-3.1%	-0.5%	448	1.2%	14.6%
Aug-17	6	-6.5%	3.4%	1	6.4%	3.1%	462	3.1%	17.9%

See notes and sources at end of table.

Table 2. Production of crude oil and lease condensate in the United States with monthly and annual changes, continued

thousand barrels per day

Report month	New York			North Dakota			Ohio		
	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	1	0.0%	-22.3%	976	-4.6%	-17.4%	55	-7.7%	-26.6%
Sep-16	1	0.0%	-22.3%	966	-1.1%	-16.4%	51	-7.6%	-32.2%
Oct-16	1	0.0%	-22.3%	1,037	7.4%	-11.1%	49	-4.0%	-39.6%
Nov-16	1	0.0%	-22.3%	1,026	-1.0%	-12.6%	46	-6.2%	-43.4%
Dec-16	1	0.0%	-22.3%	940	-8.4%	-17.9%	45	-2.2%	-44.6%
Jan-17	1	0.0%	0.0%	975	3.8%	-12.5%	51	13.7%	-30.5%
Feb-17	1	0.0%	0.0%	1,020	4.5%	-8.3%	52	3.1%	-29.6%
Mar-17	1	0.0%	0.0%	1,015	-0.4%	-8.0%	48	-9.3%	-34.2%
Apr-17	1	0.0%	0.0%	1,038	2.2%	0.2%	47	-1.0%	-30.6%
May-17	1	0.0%	0.0%	1,025	-1.2%	-1.4%	51	7.2%	-22.3%
Jun-17	1	0.0%	0.0%	1,017	-0.8%	-0.3%	50	-1.7%	-22.5%
Jul-17	1	0.0%	0.0%	1,031	1.4%	0.8%	51	3.0%	-14.3%
Aug-17	1	0.0%	0.0%	1,068	3.5%	9.4%	53	3.5%	-3.8%

Report month	Oklahoma			Pennsylvania			South 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	424	1.6%	-3.3%	16	0.1%	-10.8%	4	0.4%	-14.2%
Sep-16	411	-3.0%	-3.9%	16	-2.6%	-14.0%	4	-1.4%	-13.6%
Oct-16	413	0.3%	-0.3%	16	-1.7%	-16.3%	4	-2.9%	-14.7%
Nov-16	408	-1.3%	0.9%	17	5.8%	-12.8%	4	3.2%	-11.7%
Dec-16	404	-0.9%	2.0%	16	-1.8%	-16.2%	3	-7.7%	-16.3%
Jan-17	399	-1.3%	-4.1%	16	-2.2%	-11.9%	4	2.2%	-14.3%
Feb-17	419	5.0%	-4.0%	15	-4.5%	-13.3%	4	4.6%	-8.7%
Mar-17	445	6.3%	2.4%	16	3.5%	-12.5%	4	-0.3%	-6.1%
Apr-17	442	-0.6%	4.8%	17	8.5%	-12.3%	4	1.8%	-1.9%
May-17	426	-3.8%	-0.7%	16	-7.5%	-16.3%	3	-9.3%	-13.8%
Jun-17	442	3.7%	4.3%	16	-0.7%	-3.9%	4	5.0%	-6.9%
Jul-17	444	0.5%	6.4%	19	22.1%	17.3%	4	-1.8%	-7.2%
Aug-17	470	5.8%	10.8%	19	-3.4%	13.2%	4	0.6%	-7.0%

Report month	Tennessee			Texas			Utah		
	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	1	0.0%	-13.1%	3,170	0.3%	-6.7%	83	2.9%	-17.0%
Sep-16	1	0.0%	-13.1%	3,152	-0.6%	-7.3%	83	-0.1%	-13.6%
Oct-16	1	0.0%	-13.1%	3,172	0.6%	-6.3%	85	2.4%	-9.5%
Nov-16	1	0.0%	-13.1%	3,171	0.0%	-7.0%	85	0.5%	-6.1%
Dec-16	1	0.0%	-13.1%	3,153	-0.6%	-5.8%	86	0.8%	-5.4%
Jan-17	1	-8.5%	-8.5%	3,202	1.5%	-4.7%	84	-1.9%	-4.1%
Feb-17	1	15.6%	5.7%	3,321	3.7%	0.2%	84	0.1%	-0.2%
Mar-17	1	-12.2%	-7.1%	3,316	-0.2%	0.6%	89	5.4%	7.9%
Apr-17	1	8.9%	1.2%	3,360	1.3%	3.5%	89	0.4%	6.8%
May-17	1	-1.1%	0.0%	3,434	2.2%	7.5%	91	2.6%	10.9%
Jun-17	1	11.4%	11.5%	3,451	0.5%	8.7%	93	2.0%	17.1%
Jul-17	1	-14.1%	-4.3%	3,474	0.7%	9.9%	90	-3.8%	11.6%
Aug-17	1	22.4%	17.2%	3,366	-3.1%	6.2%	92	2.5%	11.2%

Report month	Virginia			West Virginia			Wyoming		
	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	0	24.3%	-10.2%	22	-0.4%	2.6%	188	-3.0%	-19.5%
Sep-16	0	97.6%	24.1%	19	-10.5%	-3.5%	187	-0.7%	-20.0%
Oct-16	0	-55.1%	-16.3%	20	1.7%	5.1%	193	3.3%	-17.0%
Nov-16	0	3.8%	-15.0%	20	1.5%	9.8%	195	0.9%	-15.6%
Dec-16	0	-16.0%	-26.4%	20	0.1%	-9.2%	188	-3.3%	-17.2%
Jan-17	0	-1.8%	-46.2%	22	10.8%	1.8%	185	-1.7%	-14.8%
Feb-17	0	40.8%	-18.0%	24	7.9%	13.8%	188	1.5%	-10.9%
Mar-17	0	0.0%	-33.8%	22	-7.3%	12.0%	204	8.4%	-3.1%
Apr-17	0	-52.7%	-67.3%	22	0.4%	11.8%	206	0.9%	-0.3%
May-17	0	-14.3%	-70.3%	24	8.5%	20.4%	202	-1.6%	2.9%
Jun-17	0	0.0%	-65.6%	25	5.4%	25.3%	202	-0.4%	5.3%
Jul-17	0	0.3%	-46.0%	25	-1.5%	15.4%	203	0.6%	4.5%
Aug-17	0	100.0%	-13.0%	26	5.4%	22.1%	206	1.8%	9.6%

See notes and sources at end of table.

Table 2. Production of crude oil and lease condensate in the United States with monthly and annual changes, continued

thousand barrels per day

Notes: The sum of individual states may not equal total U.S. volumes due to independent rounding. A zero may indicate volume of less than 0.5 thousand barrels per day. Previous months' production volumes may have been revised for all states/areas. Percent change is calculated using unrounded values.

Sources: Data for 2017 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 from the Form EIA-914, *Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report*. Data for 2015-2016 (all states) and 2017 for states/areas not individually surveyed on the EIA-914 (Alabama, Alaska, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, South Dakota, Tennessee, and Virginia) are from EIA estimates published in the *Petroleum Supply Annual* and *Petroleum Supply Monthly* reports, based on crude oil production data from state government agencies and the U.S. Department of the Interior, Bureau of Safety and Environmental Enforcement (and predecessor agencies), and first purchase data reported on Form EIA-182, *Domestic Crude Oil First Purchase Report*. Production data for Idaho begin in August 2015.