

Table 5. Crude oil and lease condensate production by API gravity category in selected Lower 48 states and the Federal Offshore Gulf of Mexico

thousand barrels per day

State/Area	API Category													Last 12 months	
		Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Volume	Share
Lower 48	<=20.0	393	384	367	374	371	376	369	369	370	376	375	368	374	4.3%
	20.1-25.0	160	146	180	192	160	141	165	156	161	161	155	140	160	1.8%
	25.1-30.0	679	689	720	679	703	779	773	762	767	638	672	639	708	8.2%
	30.1-35.0	1,244	1,280	1,244	1,262	1,325	1,217	1,146	1,127	1,351	1,470	1,423	1,158	1,271	14.7%
	35.1-40.0	1,513	1,459	1,492	1,643	1,686	1,623	1,741	1,785	1,739	1,643	1,657	1,754	1,645	19.1%
	40.1-45.0	2,672	2,536	2,551	2,641	2,621	2,719	2,741	2,775	2,753	2,788	2,897	3,090	2,732	31.7%
	45.1-50.0	928	946	956	943	931	933	953	923	907	937	1,034	1,115	959	11.1%
	50.1-55.0	364	378	370	367	372	367	337	317	354	327	385	376	359	4.2%
>55.0	394	414	417	416	399	401	390	378	366	370	364	462	398	4.6%	
Unknown	15	20	11	15	14	13	11	15	18	32	26	27	18	0.2%	
	Total	8,363	8,252	8,309	8,532	8,581	8,568	8,627	8,605	8,786	8,742	8,988	9,130	8,624	100.0%
Arkansas	<=30.0	4	3	4	4	4	4	4	3	4	4	3	4	4	25.6%
	30.1-40.0	4	4	4	4	4	5	5	4	5	5	5	5	5	31.9%
	40.1-50.0	6	6	6	6	6	6	6	6	5	6	6	5	6	40.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8%
	Total	15	14	14	14	14	14	14	14	14	14	14	14	14	100.0%
California	<=30.0	456	434	429	434	436	439	437	434	434	439	439	431	437	91.3%
	30.1-40.0	40	43	40	46	43	39	38	36	36	30	33	36	38	8.0%
	40.1-50.0	2	3	3	4	4	4	3	3	3	4	3	3	3	0.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total	499	480	472	483	483	482	478	474	473	473	476	471	479	100.0%
Colorado	<=30.0	1	0	0	0	1	0	0	0	0	0	0	0	0	0.1%
	30.1-40.0	70	62	63	70	67	71	73	64	72	89	77	74	71	21.4%
	40.1-50.0	151	139	139	129	134	142	152	162	168	178	218	211	160	48.4%
	>50.0	97	93	91	92	95	102	99	98	102	107	101	117	100	30.1%
	Total	319	294	294	292	296	315	325	324	343	375	397	403	332	100.0%
Federal Offshore Gulf of Mexico	<=30.0	542	550	593	566	532	605	610	611	604	498	513	482	559	33.6%
	30.1-40.0	1,112	1,150	1,112	1,132	1,177	996	1,000	971	1,104	1,149	1,111	951	1,080	64.9%
	40.1-50.0	22	25	23	24	23	24	19	23	20	17	21	14	21	1.3%
	>50.0	4	5	4	4	3	5	3	3	4	2	4	2	4	0.2%
	Total	1,680	1,730	1,732	1,726	1,735	1,630	1,631	1,608	1,732	1,666	1,649	1,449	1,664	100.0%
Kansas	<=30.0	19	18	18	19	20	20	20	22	22	20	21	21	20	20.4%
	30.1-40.0	66	64	65	67	68	66	66	66	65	65	64	62	65	66.7%
	40.1-50.0	14	13	13	13	13	13	12	12	12	12	11	12	13	12.8%
	>50.0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.1%
	Total	99	95	97	100	101	99	98	100	98	97	95	95	98	100.0%
Louisiana	<=30.0	28	31	29	32	30	32	34	30	35	34	33	31	32	22.6%
	30.1-40.0	71	67	70	63	66	65	64	64	58	60	60	56	64	45.6%
	40.1-50.0	35	33	31	36	34	33	33	33	35	34	33	31	33	24.0%
	>50.0	13	12	11	12	13	13	10	10	9	8	9	8	11	7.7%
	Total	146	143	141	143	143	143	141	137	137	136	134	127	139	100.0%
Montana	<=30.0	3	2	2	3	3	3	3	3	3	3	3	2	3	4.5%
	30.1-40.0	24	22	21	23	23	23	24	26	26	26	25	24	24	42.4%
	40.1-50.0	34	33	33	33	32	31	29	27	26	26	27	28	30	52.7%
	>50.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.4%
	Total	61	57	57	59	58	57	56	56	54	55	54	54	57	100.0%
New Mexico	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1%
	30.1-40.0	122	116	114	118	121	130	132	141	140	132	133	123	127	28.0%
	40.1-50.0	278	292	288	308	307	301	315	289	292	314	354	385	310	68.6%
	>50.0	14	11	15	13	12	17	16	12	15	15	18	20	15	3.3%
	Total	415	420	416	440	440	448	463	443	447	462	504	528	452	100.0%
North Dakota	<=30.0	11	10	10	10	10	9	9	9	9	9	9	9	9	0.9%
	30.1-40.0	66	54	51	69	79	91	117	135	152	143	130	116	101	9.7%
	40.1-50.0	943	863	905	936	921	935	898	872	867	911	938	1,033	918	88.9%
	>50.0	6	13	10	5	5	2	1	1	1	2	4	6	5	0.5%
	Total	1,026	940	975	1,020	1,015	1,038	1,025	1,017	1,030	1,066	1,081	1,164	1,033	100.0%
Ohio	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	30.1-40.0	3	3	3	3	3	3	4	2	2	3	2	2	3	5.2%
	40.1-50.0	1	1	1	0	0	0	3	0	0	0	0	0	1	1.2%
	>50.0	42	41	48	49	45	44	44	47	48	50	51	49	47	93.5%
	Total	46	45	51	52	48	47	51	50	51	53	54	52	50	100.0%

See notes and sources at end of table.

Table 5. Crude oil and lease condensate production by API gravity category in selected Lower 48 states and the Federal Offshore Gulf of Mexico, continued

thousand barrels per day

State/Area	API Category													Last 12 months	
		Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Volume	Share
Oklahoma	<=30.0	39	35	37	36	36	36	34	31	34	33	32	34	35	7.9%
	30.1-40.0	117	117	115	118	135	131	127	135	129	137	131	129	127	29.0%
	40.1-50.0	190	183	176	192	192	198	189	208	213	228	222	237	202	46.2%
	>50.0	63	69	70	73	82	78	76	68	67	70	81	92	74	16.9%
	Total	408	404	399	419	445	442	426	442	443	467	467	491	438	100.0%
Pennsylvania	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	30.1-40.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9%
	40.1-50.0	0	1	0	0	0	0	0	0	0	0	0	0	0	1.6%
	>50.0	16	16	16	15	15	17	15	15	19	18	18	21	17	97.5%
	Total	17	16	16	15	16	17	16	16	19	19	18	21	17	100.0%
Texas	<=30.0	52	57	68	65	85	67	79	64	79	57	73	57	67	2.0%
	30.1-40.0	922	898	940	1,046	1,080	1,071	1,085	1,111	1,144	1,112	1,157	1,177	1,062	31.4%
	40.1-50.0	1,763	1,736	1,737	1,759	1,723	1,805	1,880	1,900	1,875	1,859	1,938	2,089	1,839	54.4%
	>50.0	434	463	456	451	429	418	389	375	384	351	393	445	416	12.3%
	Total	3,171	3,153	3,202	3,321	3,316	3,360	3,434	3,451	3,482	3,379	3,561	3,767	3,384	100.0%
Utah	<=30.0	4	4	4	4	4	4	4	4	4	4	3	4	4	4.2%
	30.1-40.0	45	48	43	46	42	47	53	49	53	56	53	55	49	55.1%
	40.1-50.0	33	30	33	31	39	34	31	38	30	31	34	31	33	37.0%
	>50.0	3	4	4	4	4	4	4	3	3	3	3	3	3	3.7%
	Total	85	86	84	84	89	89	91	93	90	93	93	93	89	100.0%
West Virginia	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	30.1-40.0	4	3	4	4	4	2	2	2	2	2	2	2	3	11.1%
	40.1-50.0	1	1	0	1	0	1	0	1	0	0	0	0	1	2.2%
	>50.0	16	17	18	20	18	19	21	22	22	24	24	27	21	86.7%
	Total	20	20	22	24	22	22	24	25	25	27	26	30	24	100.0%
Wyoming	<=30.0	42	41	40	41	40	40	40	41	39	40	40	40	40	20.0%
	30.1-40.0	53	53	54	60	63	62	61	67	67	69	65	67	62	30.7%
	40.1-50.0	64	60	58	56	64	65	65	57	61	61	74	77	64	31.6%
	>50.0	36	35	33	31	37	38	36	36	35	35	35	40	36	17.7%
	Total	195	188	185	188	204	206	202	202	203	206	214	223	201	100.0%
Other States	<=30.0	34	35	33	33	35	36	34	35	33	35	32	33	34	22.0%
	30.1-40.0	43	42	40	41	42	42	39	42	39	45	40	41	41	26.8%
	40.1-50.0	71	73	65	63	66	67	64	71	60	62	65	61	66	42.6%
	>50.0	14	14	13	15	15	14	14	8	13	14	13	13	13	8.6%
	Total	162	164	151	151	157	158	150	155	145	156	150	148	154	100.0%

Notes: API gravity is the American Petroleum Institute's measure of specific gravity of crude oil or condensate in degrees. The measuring scale is calibrated in terms of degrees API. Degrees API = $(141.5 / \text{sp.gr.}60 \text{ deg.F}/60 \text{ deg.F}) - 131.5$. At the individual state/area level, production volumes in the "Unknown" category are proportionately distributed to the nine API categories, which are then combined into four categories in order to avoid disclosure of company-specific data. Alaska production by API category is not available. The "Other states" grouping includes Alabama, Arizona, Federal Offshore Pacific, Florida, Idaho, Illinois, Indiana, Kentucky, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, South Dakota, Tennessee, and Virginia. The sum of individual states may not equal total Lower 48 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.

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