

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

thousand barrels per day

State/Area	API Category	API												Last 12 months	
		Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Volume	Share
Lower 48	<=20.0	382	372	367	370	372	366	371	367	366	368	365	366	369	3.8%
	20.1-25.0	162	152	133	153	135	120	239	122	119	113	116	117	139	1.4%
	25.1-30.0	642	679	672	696	792	804	731	672	643	562	677	879	704	7.3%
	30.1-35.0	1,518	1,382	1,240	1,390	1,222	1,216	1,331	1,442	1,433	1,386	1,450	1,392	1,367	14.1%
	35.1-40.0	1,642	1,742	1,685	1,700	1,646	1,643	1,630	1,818	1,819	2,017	2,164	2,122	1,803	18.6%
	40.1-45.0	2,784	2,849	3,090	3,117	3,074	3,055	3,107	3,292	3,394	3,398	3,426	3,480	3,172	32.8%
	45.1-50.0	936	1,061	1,139	1,235	1,329	1,363	1,363	1,322	1,279	1,238	1,148	1,306	1,226	12.7%
	50.1-55.0	326	384	378	404	457	423	412	425	457	430	446	459	417	4.3%
	>55.0	369	365	466	495	468	467	525	459	439	430	429	424	444	4.6%
Unknown	32	26	27	34	33	30	25	30	29	26	24	26	29	0.3%	
Total	8,793	9,013	9,196	9,593	9,528	9,487	9,735	9,949	9,978	9,968	10,244	10,570	9,670	100.0%	
Arkansas	<=30.0	4	3	4	4	4	6	5	5	6	6	5	6	5	34.9%
	30.1-40.0	5	5	5	5	5	3	4	4	4	4	4	4	4	30.0%
	40.1-50.0	6	6	5	5	5	4	4	5	4	4	4	3	5	33.5%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.5%
	Total	14	14	14	14	14	14	14	14	14	14	14	13	14	100.0%
California	<=30.0	448	433	429	429	424	425	419	423	426	429	426	426	428	91.9%
	30.1-40.0	31	33	36	36	34	36	41	36	35	32	33	32	35	7.4%
	40.1-50.0	4	3	3	3	3	3	3	3	3	3	3	3	3	0.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total	482	469	469	468	461	463	463	462	465	464	462	461	466	100.0%
Colorado	<=30.0	0	0	0	0	1	0	1	0	0	0	0	0	0	0.1%
	30.1-40.0	89	78	76	76	78	93	95	93	86	85	97	101	87	20.5%
	40.1-50.0	180	220	215	197	199	174	132	192	191	197	170	158	186	43.7%
	>50.0	108	102	119	147	159	168	201	144	170	167	157	185	152	35.7%
	Total	377	399	409	421	436	436	428	428	447	449	425	443	425	100.0%
Federal Offshore Gulf of Mexico	<=30.0	498	514	504	526	638	617	675	481	452	356	463	688	534	32.4%
	30.1-40.0	1,199	1,154	957	1,137	922	994	1,007	1,172	1,104	1,132	1,180	1,144	1,092	66.3%
	40.1-50.0	17	21	14	23	13	16	19	25	25	15	14	16	18	1.1%
	>50.0	2	4	2	3	3	4	4	3	3	3	3	2	3	0.2%
Total	1,717	1,693	1,477	1,689	1,576	1,631	1,704	1,681	1,583	1,506	1,660	1,849	1,647	100.0%	
Kansas	<=30.0	21	21	21	21	19	18	19	21	21	24	23	24	21	22.0%
	30.1-40.0	66	63	63	66	62	62	65	64	65	63	63	61	64	66.3%
	40.1-50.0	12	11	12	12	11	12	12	11	11	11	10	10	11	11.6%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1%
	Total	99	95	97	99	92	93	96	97	97	97	96	95	96	100.0%
Louisiana	<=30.0	35	34	31	35	34	34	34	35	32	36	37	34	34	25.7%
	30.1-40.0	62	62	61	62	60	48	53	56	56	52	55	56	57	42.8%
	40.1-50.0	35	34	34	35	35	31	34	31	32	35	30	31	33	25.0%
	>50.0	9	9	9	9	10	9	10	9	8	8	8	7	9	6.5%
	Total	141	139	135	142	138	122	131	131	128	131	129	128	133	100.0%
Montana	<=30.0	3	3	3	3	2	3	3	3	3	3	3	3	3	4.7%
	30.1-40.0	28	26	24	24	25	23	22	22	25	29	31	32	26	46.3%
	40.1-50.0	27	28	28	28	26	30	31	28	26	26	25	23	27	48.6%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3%
	Total	57	56	55	55	54	56	56	53	54	58	58	58	56	100.0%
New Mexico	<=30.0	0	0	0	0	1	0	1	1	1	1	1	1	1	0.1%
	30.1-40.0	131	150	130	143	133	134	133	142	158	157	161	146	143	24.9%
	40.1-50.0	311	329	369	355	376	383	428	462	469	471	476	490	410	71.2%
	>50.0	15	17	19	23	27	24	23	18	21	21	17	32	22	3.8%
	Total	458	497	519	522	537	541	586	623	650	651	656	669	575	100.0%
North Dakota	<=30.0	9	9	9	9	9	9	7	9	8	9	8	7	9	0.7%
	30.1-40.0	145	132	118	106	96	80	87	108	131	170	189	185	129	11.0%
	40.1-50.0	922	951	1,051	1,075	1,064	1,057	1,042	1,022	1,065	1,055	1,020	1,067	1,032	87.7%
	>50.0	2	4	6	7	13	12	15	7	6	2	2	2	7	0.6%
	Total	1,079	1,096	1,184	1,197	1,183	1,158	1,151	1,145	1,211	1,235	1,219	1,260	1,177	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	2	2	2	2	2	2	2	2	2	2	2	2	3.9%
	40.1-50.0	0	0	0	0	0	0	1	0	1	1	1	1	0	0.9%
	>50.0	50	53	52	55	50	47	51	52	51	55	62	61	53	95.2%
	Total	53	56	54	57	53	50	54	54	54	58	65	64	56	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 Gulf of Mexico, continued
thousand barrels per day

State/Area	API Category	API												Last 12 months	
		Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Volume	Share
Oklahoma	<=30.0	33	32	30	31	28	28	27	28	27	27	28	23	29	5.6%
	30.1-40.0	137	131	131	130	120	127	122	130	126	129	128	141	129	25.2%
	40.1-50.0	228	223	244	247	260	283	278	285	289	283	283	296	266	51.9%
	>50.0	70	82	93	92	95	93	100	100	90	87	85	82	89	17.3%
	Total	467	469	497	501	504	530	527	543	531	527	524	543	513	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	0.6%
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6%
	>50.0	19	19	22	21	20	16	18	18	19	18	17	17	19	98.8%
	Total	19	19	22	21	20	17	18	18	19	19	18	17	19	100.0%
Texas	<=30.0	56	79	66	85	65	77	75	82	82	83	94	83	77	1.9%
	30.1-40.0	1,101	1,135	1,165	1,151	1,192	1,120	1,179	1,271	1,297	1,386	1,508	1,453	1,247	31.2%
	40.1-50.0	1,840	1,922	2,101	2,213	2,251	2,265	2,328	2,387	2,401	2,376	2,384	2,527	2,249	56.3%
	>50.0	348	389	445	455	456	432	433	445	443	415	437	407	425	10.6%
	Total	3,345	3,525	3,776	3,903	3,963	3,894	4,015	4,185	4,222	4,260	4,423	4,469	3,998	100.0%
Utah	<=30.0	4	4	4	4	4	3	3	3	3	3	3	3	3	3.6%
	30.1-40.0	58	54	57	53	50	49	52	56	58	53	56	57	54	55.5%
	40.1-50.0	32	35	33	37	37	45	42	42	38	38	32	34	37	37.8%
	>50.0	3	3	3	3	3	4	3	3	3	3	3	3	3	3.2%
	Total	97	97	97	97	94	100	100	104	103	97	94	97	98	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	2	2	2	2	2	2	2	2	2	1	1	1	2	5.8%
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.2%
	>50.0	24	24	27	30	29	26	25	28	27	27	28	32	27	93.0%
	Total	27	26	30	32	31	28	27	29	29	29	30	33	29	100.0%
Wyoming	<=30.0	41	40	39	41	40	41	42	40	36	36	36	35	39	17.4%
	30.1-40.0	70	65	66	67	61	63	69	74	77	76	74	70	69	30.9%
	40.1-50.0	62	75	76	75	75	74	70	72	74	72	73	83	73	32.7%
	>50.0	35	36	39	45	49	45	43	45	44	44	44	42	43	19.0%
	Total	208	215	221	226	225	222	223	231	232	228	226	230	224	100.0%
Other states	<=30.0	34	32	31	33	31	28	31	33	30	31	31	30	31	21.7%
	30.1-40.0	44	39	39	40	37	33	36	39	36	40	42	40	39	26.9%
	40.1-50.0	61	64	57	63	63	58	61	65	60	63	61	58	61	42.3%
	>50.0	14	13	12	12	14	13	13	14	14	13	13	12	13	9.1%
	Total	153	148	140	148	146	132	142	151	140	146	147	140	144	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 and Lease Condensate, and Natural Gas Production Report*.