

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	
		Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Volume	Share
Lower 48	<=20.0	370	372	366	371	368	366	368	365	366	365	368	367	368	3.6%
	20.1-25.0	153	135	120	239	122	119	113	116	117	124	123	126	133	1.3%
	25.1-30.0	696	792	804	731	672	643	562	675	879	732	689	681	713	7.0%
	30.1-35.0	1,390	1,222	1,216	1,332	1,442	1,433	1,386	1,447	1,392	1,541	1,381	1,428	1,384	13.6%
	35.1-40.0	1,730	1,673	1,675	1,646	1,842	1,857	2,037	2,221	2,189	2,377	2,380	2,204	1,988	19.6%
	40.1-45.0	3,084	3,047	3,023	3,090	3,268	3,356	3,378	3,356	3,403	3,477	3,652	3,738	3,324	32.7%
	45.1-50.0	1,237	1,329	1,363	1,363	1,322	1,279	1,238	1,146	1,318	1,349	1,423	1,496	1,322	13.0%
	50.1-55.0	404	457	423	412	424	457	430	444	436	474	516	529	451	4.4%
>55.0	495	468	467	525	459	439	430	428	416	431	429	456	453	4.5%	
Unknown	34	33	30	25	30	29	26	24	26	26	25	26	28	0.3%	
Total	9,593	9,528	9,487	9,735	9,949	9,978	9,968	10,222	10,541	10,897	10,987	11,050	10,164	100.0%	
Arkansas	<=30.0	4	4	6	5	5	6	6	5	6	8	8	6	6	41.6%
	30.1-40.0	5	5	3	4	4	4	4	4	4	4	4	3	4	29.1%
	40.1-50.0	5	5	4	4	5	4	4	4	3	1	1	4	4	27.9%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4%
	Total	14	14	14	14	14	14	14	14	13	13	14	13	14	100.0%
California	<=30.0	429	424	425	419	423	426	429	426	426	427	429	430	426	92.0%
	30.1-40.0	36	34	36	41	36	35	32	33	32	31	32	32	34	7.4%
	40.1-50.0	3	3	3	3	3	3	3	3	3	3	3	3	3	0.6%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total	468	461	463	463	462	465	464	462	461	461	464	464	463	100.0%
Colorado	<=30.0	0	1	0	1	0	0	0	0	0	0	0	0	0	0.1%
	30.1-40.0	76	78	93	95	93	86	85	96	100	96	113	114	94	21.0%
	40.1-50.0	197	199	174	132	192	191	197	170	178	201	204	233	189	42.5%
	>50.0	147	159	168	201	144	170	167	157	156	176	158	150	163	36.5%
	Total	421	436	436	428	428	447	449	424	434	473	475	497	446	100.0%
Federal	<=30.0	526	638	617	675	481	452	356	462	689	547	514	511	538	31.8%
	Offshore Gulf of Mexico	1,137	922	994	1,007	1,172	1,104	1,132	1,177	1,145	1,321	1,231	1,209	1,130	66.8%
	40.1-50.0	23	13	16	19	25	25	15	14	16	51	22	19	21	1.3%
>50.0	3	3	4	4	3	3	3	3	2	2	4	2	3	0.2%	
Total	1,689	1,576	1,631	1,704	1,681	1,583	1,506	1,656	1,851	1,920	1,771	1,742	1,693	100.0%	
Kansas	<=30.0	21	19	18	19	21	21	24	23	24	23	22	20	21	22.3%
	30.1-40.0	66	62	62	65	64	65	63	63	61	63	62	64	63	66.4%
	40.1-50.0	12	11	12	12	11	11	11	10	10	10	10	10	11	11.2%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1%
	Total	99	92	93	96	97	97	97	96	95	96	94	93	95	100.0%
Louisiana	<=30.0	35	34	34	34	35	32	36	37	34	36	32	35	34	26.5%
	30.1-40.0	62	60	48	53	56	56	52	55	56	56	53	53	55	42.4%
	40.1-50.0	35	35	31	34	31	32	35	30	31	28	32	30	32	24.8%
	>50.0	9	10	9	10	9	8	8	8	7	7	7	7	8	6.3%
	Total	142	138	122	131	131	128	131	129	128	127	124	125	130	100.0%
Montana	<=30.0	3	2	3	3	3	3	3	3	3	3	3	3	3	4.6%
	30.1-40.0	24	25	23	22	22	25	29	31	32	34	33	32	28	48.7%
	40.1-50.0	28	26	30	31	28	26	26	25	23	24	25	25	26	46.4%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3%
	Total	55	54	56	56	53	54	58	58	57	61	61	60	57	100.0%
New Mexico	<=30.0	0	1	0	1	1	1	1	1	1	1	1	2	1	0.2%
	30.1-40.0	143	133	134	133	142	158	157	162	146	144	124	120	141	22.1%
	40.1-50.0	355	376	383	428	462	469	471	476	489	544	583	609	471	73.7%
	>50.0	23	27	24	23	18	21	21	17	32	25	31	40	25	4.0%
	Total	522	537	541	586	623	650	651	656	668	713	739	772	638	100.0%
North Dakota	<=30.0	9	9	9	7	9	8	9	8	7	8	8	8	8	0.7%
	30.1-40.0	106	96	80	87	108	131	170	189	190	207	184	162	143	11.6%
	40.1-50.0	1,075	1,064	1,057	1,042	1,022	1,065	1,055	1,019	1,057	1,056	1,141	1,193	1,071	87.1%
	>50.0	7	13	12	15	7	6	2	2	2	4	5	6	7	0.6%
	Total	1,197	1,183	1,158	1,151	1,145	1,211	1,235	1,219	1,257	1,275	1,338	1,369	1,229	100.0%
Ohio	<=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	2	2	2	2	3.4%
	40.1-50.0	0	0	0	1	0	1	1	1	1	1	1	1	1	0.9%
	>50.0	55	50	47	51	52	51	55	61	60	66	77	78	59	95.7%
	Total	57	53	50	54	54	54	58	64	63	69	79	81	61	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		
		Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Volume	Share
Oklahoma	<=30.0	31	28	28	27	28	27	27	28	23	23	23	26	27	5.0%
	30.1-40.0	130	120	127	122	130	126	129	128	140	138	131	136	130	24.2%
	40.1-50.0	247	260	283	278	285	289	283	282	293	318	328	319	289	53.9%
	>50.0	92	95	93	100	100	90	87	85	82	83	89	93	91	16.9%
	Total	501	504	530	527	543	531	527	523	539	562	571	575	536	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	0.5%
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6%
	>50.0	21	20	16	18	18	19	18	17	17	16	18	19	18	98.9%
	Total	21	20	17	18	18	19	19	18	17	17	19	19	18	100.0%
Texas	<=30.0	85	65	77	75	82	82	83	83	94	83	74	69	78	1.8%
	30.1-40.0	1,181	1,219	1,152	1,196	1,295	1,335	1,406	1,564	1,512	1,651	1,619	1,540	1,390	32.5%
	40.1-50.0	2,182	2,224	2,233	2,311	2,362	2,363	2,356	2,313	2,455	2,415	2,534	2,604	2,363	55.3%
	>50.0	455	456	432	433	445	443	415	435	407	435	461	490	442	10.3%
	Total	3,903	3,963	3,894	4,015	4,185	4,222	4,260	4,406	4,456	4,574	4,683	4,701	4,274	100.0%
Utah	<=30.0	4	4	3	3	3	3	3	3	3	3	3	2	3	3.2%
	30.1-40.0	53	50	49	52	56	58	53	56	57	55	54	51	54	53.4%
	40.1-50.0	37	37	45	42	42	38	38	33	35	42	51	51	41	40.6%
	>50.0	3	3	4	3	3	3	3	3	3	3	1	2	3	2.8%
	Total	97	94	100	100	104	103	97	95	98	103	109	106	101	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	1	1	1	1	1	1	1	4.3%
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.1%
	>50.0	30	29	26	25	28	27	27	28	32	38	41	43	31	94.5%
	Total	32	31	28	27	29	29	29	30	33	39	42	45	33	100.0%
Wyoming	<=30.0	41	40	41	42	40	36	36	36	35	38	39	39	38	16.5%
	30.1-40.0	67	61	63	69	74	77	76	74	72	83	84	82	73	31.5%
	40.1-50.0	75	75	74	70	72	74	72	73	81	84	93	86	77	33.2%
	>50.0	45	49	45	43	45	44	44	44	43	43	42	44	44	18.9%
	Total	226	225	222	223	231	232	228	226	230	248	258	250	233	100.0%
Other states	<=30.0	33	31	28	31	33	30	31	31	30	31	32	27	31	21.4%
	30.1-40.0	40	37	33	36	39	36	40	42	40	42	42	40	39	27.1%
	40.1-50.0	63	63	58	61	65	60	63	61	58	61	60	59	61	42.5%
	>50.0	12	14	13	13	14	14	13	13	12	10	13	13	13	9.0%
	Total	148	146	132	142	151	140	146	147	140	144	146	138	143	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 / sp.gr.60 deg.F/60 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*.