

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	2023												Last 12 months	
		Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Volume	Share
Lower 48	<=20.0	269	244	244	246	245	250	255	249	250	240	238	240	248	2.0%
	20.1-25.0	120	103	109	130	155	168	185	192	111	116	200	170	147	1.2%
	25.1-30.0	730	676	654	722	741	706	775	803	924	932	826	831	777	6.3%
	30.1-35.0	1,306	1,356	1,435	1,329	1,274	1,263	1,305	1,439	1,314	1,394	1,337	1,263	1,334	10.8%
	35.1-40.0	2,380	2,389	2,602	2,851	2,844	2,920	3,327	3,150	3,326	3,355	3,207	3,184	2,962	23.9%
	40.1-45.0	3,552	3,866	3,715	3,740	3,761	3,812	3,692	3,747	3,731	3,687	3,718	3,765	3,732	30.1%
	45.1-50.0	2,253	2,342	2,250	2,273	2,149	2,076	2,033	2,059	2,125	2,245	2,229	2,475	2,209	17.8%
	50.1-55.0	692	717	670	665	688	726	577	584	576	513	707	584	642	5.2%
>55.0	370	412	389	374	352	337	320	302	285	345	333	364	348	2.8%	
Unknown	19	14	17	6	6	6	3	3	3	4	3	3	7	0.1%	
Total	11,691	12,120	12,086	12,335	12,216	12,264	12,471	12,528	12,645	12,831	12,798	12,880	12,406	100.0%	
Arkansas	<=30.0	5	5	6	6	6	6	6	5	6	5	5	5	5	46.0%
	30.1-40.0	3	3	3	3	3	3	3	3	3	3	3	3	3	27.6%
	40.1-50.0	3	3	3	3	3	3	3	3	3	3	3	3	3	25.0%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4%
	Total	12	11	12	12	12	12	12	11	12	12	12	12	12	100.0%
California	<=30.0	300	289	280	282	288	290	289	288	286	288	285	282	287	92.9%
	30.1-40.0	10	9	9	10	9	7	9	14	8	7	11	11	9	3.1%
	40.1-50.0	15	14	14	13	13	13	13	7	13	12	9	12	13	4.1%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total	325	312	303	305	310	310	311	308	306	307	306	305	309	100.0%
Colorado	<=30.0	0	0	0	1	1	0	1	0	1	1	0	0	0	0.1%
	30.1-40.0	59	50	66	93	88	97	102	111	119	123	109	90	92	20.6%
	40.1-50.0	171	192	188	176	187	190	189	171	181	168	200	224	186	41.5%
	>50.0	184	187	166	163	176	168	170	169	161	165	160	167	170	37.8%
	Total	413	429	420	433	451	456	462	452	461	457	469	481	449	100.0%
Federal Offshore Gulf of Mexico	<=30.0	635	561	543	626	667	648	718	755	796	806	793	764	693	37.2%
	30.1-40.0	1,141	1,330	1,275	1,234	1,054	1,050	1,134	1,151	1,050	1,142	1,117	1,082	1,146	61.6%
	40.1-50.0	12	10	9	12	14	9	7	28	44	49	41	27	22	1.2%
	>50.0	1	2	1	1	0	0	0	1	1	0	0	0	1	0.0%
Total	1,788	1,903	1,828	1,874	1,736	1,708	1,859	1,935	1,890	1,997	1,951	1,873	1,862	100.0%	
Kansas	<=30.0	13	13	14	14	15	15	15	15	15	15	15	15	14	19.3%
	30.1-40.0	52	54	53	54	53	53	53	52	52	51	50	51	52	69.9%
	40.1-50.0	8	9	8	9	8	8	8	7	8	9	8	8	8	10.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1%
	Total	73	76	76	77	77	77	76	74	74	75	73	74	75	100.0%
Louisiana	<=30.0	21	24	24	24	24	21	24	22	21	22	20	23	22	23.7%
	30.1-40.0	47	47	49	48	47	48	41	43	46	47	37	42	45	47.4%
	40.1-50.0	22	23	22	22	22	21	26	25	27	20	30	19	23	24.5%
	>50.0	5	6	5	4	4	4	4	3	3	4	4	4	4	4.4%
	Total	94	100	100	98	97	93	94	93	96	94	92	89	95	100.0%
Montana	<=30.0	2	3	3	3	3	3	2	2	2	2	2	2	2	3.9%
	30.1-40.0	33	36	37	40	38	36	35	22	38	35	34	30	34	54.8%
	40.1-50.0	21	26	25	25	23	25	24	34	24	26	27	32	26	41.0%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3%
	Total	57	64	65	68	65	63	62	58	63	64	64	64	63	100.0%
New Mexico	<=30.0	0	2	0	1	1	1	1	4	4	0	0	0	1	0.1%
	30.1-40.0	126	116	123	164	179	161	215	232	226	194	155	164	171	9.5%
	40.1-50.0	1,576	1,610	1,591	1,601	1,599	1,559	1,482	1,429	1,480	1,566	1,591	1,620	1,558	85.9%
	>50.0	71	80	85	74	81	85	72	93	92	71	93	100	83	4.6%
	Total	1,773	1,808	1,799	1,840	1,860	1,806	1,770	1,759	1,802	1,831	1,839	1,884	1,814	100.0%
North Dakota	<=30.0	4	4	4	6	5	5	6	6	6	8	5	5	5	0.5%
	30.1-40.0	76	70	82	76	78	141	181	198	233	219	185	194	145	12.5%
	40.1-50.0	839	944	1,002	976	994	950	964	965	975	1,059	1,047	1,050	980	84.6%
	>50.0	31	31	41	37	31	26	15	18	15	21	37	42	29	2.5%
	Total	950	1,049	1,128	1,094	1,108	1,122	1,166	1,187	1,229	1,308	1,273	1,290	1,158	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	3	2	2	2	2	2	2	2	2	2	2	2.8%
	40.1-50.0	1	1	1	1	2	1	2	1	2	1	1	1	1	1.6%
	>50.0	67	78	80	79	82	83	75	71	71	80	85	91	79	95.6%
	Total	70	81	84	82	86	87	79	75	75	84	89	94	82	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		
		Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Volume	Share	
Oklahoma	<=30.0	17	17	19	18	19	19	17	18	18	18	18	18	18	18	4.2%
	30.1-40.0	81	77	76	79	89	93	93	92	92	86	78	74	84	19.6%	
	40.1-50.0	201	217	213	231	231	239	244	249	240	239	241	240	232	54.0%	
	>50.0	114	120	115	105	101	93	85	79	78	82	87	88	96	22.2%	
	Total	414	432	422	434	440	444	440	439	429	426	424	420	430	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	0.2%	
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7%	
	>50.0	11	12	13	13	14	13	13	12	12	12	13	15	13	99.1%	
	Total	11	12	13	13	15	14	13	12	12	12	13	16	13	100.0%	
Texas	<=30.0	72	60	71	72	67	61	81	74	81	71	67	73	71	1.3%	
	30.1-40.0	1,900	1,782	2,100	2,207	2,299	2,321	2,579	2,491	2,591	2,668	2,575	2,511	2,335	42.6%	
	40.1-50.0	2,712	2,941	2,664	2,696	2,577	2,617	2,502	2,636	2,592	2,495	2,479	2,729	2,637	48.2%	
	>50.0	511	534	472	479	466	501	375	359	338	337	464	349	432	7.9%	
	Total	5,195	5,318	5,306	5,454	5,408	5,500	5,538	5,560	5,603	5,570	5,586	5,662	5,476	100.0%	
Utah	<=30.0	3	2	4	3	4	5	4	3	4	3	3	4	4	2.3%	
	30.1-40.0	56	58	60	57	66	66	67	66	67	60	75	84	65	43.5%	
	40.1-50.0	68	66	63	71	69	81	82	79	85	102	91	81	78	52.1%	
	>50.0	3	3	4	3	4	4	3	3	3	3	3	3	3	2.1%	
	Total	130	129	132	134	143	154	155	151	159	168	172	172	150	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
	40.1-50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8%	
	>50.0	41	51	54	57	52	54	55	50	52	48	54	51	51	99.2%	
	Total	41	51	55	57	52	54	56	50	52	48	55	51	52	100.0%	
Wyoming	<=30.0	25	25	24	24	25	26	26	27	23	23	25	24	25	9.4%	
	30.1-40.0	75	84	75	85	81	78	86	85	83	81	83	80	81	31.1%	
	40.1-50.0	122	118	124	132	126	132	135	133	144	143	140	155	134	51.0%	
	>50.0	18	19	20	19	20	24	21	18	23	26	30	29	22	8.4%	
	Total	241	245	243	259	252	260	267	263	273	272	278	288	262	100.0%	
Other states	<=30.0	22	19	18	18	19	24	26	25	26	26	25	27	23	22.0%	
	30.1-40.0	32	30	31	31	32	29	33	29	32	31	30	29	31	29.7%	
	40.1-50.0	43	42	45	44	43	41	43	38	40	41	40	39	42	40.0%	
	>50.0	9	9	6	7	9	8	9	9	10	9	9	9	9	8.3%	
	Total	106	100	100	100	103	102	111	101	108	107	104	104	104	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 = $(141.5 / \text{sp.gr.60 deg.F}/60 \text{ deg.F}) - 131.5$. 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. Volumes are rounded to the nearest whole number; 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*.