

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	
		Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Volume	Share
Lower 48	<=20.0	246	245	250	255	249	250	240	238	240	242	236	233	244	1.9%
	20.1-25.0	130	155	168	185	192	111	116	200	169	139	197	314	172	1.4%
	25.1-30.0	722	741	706	775	803	924	932	825	819	836	730	702	793	6.3%
	30.1-35.0	1,329	1,274	1,263	1,305	1,439	1,314	1,394	1,336	1,246	1,258	1,227	1,200	1,299	10.3%
	35.1-40.0	2,851	2,844	2,920	3,327	3,150	3,326	3,355	3,195	3,062	3,038	2,697	2,986	3,062	24.4%
	40.1-45.0	3,740	3,761	3,812	3,692	3,747	3,731	3,687	3,731	3,887	3,872	3,671	3,823	3,763	30.0%
	45.1-50.0	2,273	2,149	2,076	2,033	2,059	2,125	2,245	2,227	2,493	2,337	2,333	2,332	2,223	17.7%
	50.1-55.0	665	688	726	577	584	576	513	705	584	729	674	742	647	5.2%
	>55.0	374	352	337	320	302	285	345	333	365	349	353	355	339	2.7%
Unknown	6	6	6	3	3	3	4	3	3	32	32	35	11	0.1%	
Total		12,335	12,216	12,264	12,471	12,528	12,645	12,831	12,793	12,867	12,831	12,150	12,722	12,553	100.0%
Arkansas	<=30.0	6	6	6	6	5	6	5	5	5	5	5	5	5	46.2%
	30.1-40.0	3	3	3	3	3	3	3	3	3	3	3	3	3	27.7%
	40.1-50.0	3	3	3	3	3	3	3	3	3	3	3	3	3	24.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4%
	Total		12	12	12	12	11	12	12	12	12	11	12	12	100.0%
California	<=30.0	282	288	290	289	288	286	288	285	282	273	271	266	282	92.4%
	30.1-40.0	10	9	7	9	14	8	7	11	11	29	27	26	14	4.6%
	40.1-50.0	13	13	13	13	7	13	12	9	12	0	1	1	9	3.0%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total		305	310	310	311	308	306	307	306	305	303	299	293	305
Colorado	<=30.0	1	1	0	1	0	1	1	0	0	0	0	0	0	0.1%
	30.1-40.0	93	88	97	102	111	119	123	107	89	92	90	104	101	22.1%
	40.1-50.0	176	187	190	189	171	181	168	198	222	214	185	185	189	41.1%
	>50.0	163	176	168	170	169	161	165	158	165	179	170	177	168	36.7%
	Total		433	451	456	462	452	461	457	464	476	485	445	467	459
Federal Offshore Gulf of Mexico	<=30.0	626	667	648	718	755	796	806	793	752	752	699	786	733	39.7%
	30.1-40.0	1,234	1,054	1,050	1,134	1,151	1,050	1,142	1,116	1,066	1,046	1,020	988	1,088	58.9%
	40.1-50.0	12	14	9	7	28	44	49	41	26	26	28	25	26	1.4%
	>50.0	1	0	0	0	1	1	0	0	0	0	0	2	1	0.0%
Total		1,874	1,736	1,708	1,859	1,935	1,890	1,997	1,950	1,845	1,824	1,747	1,800	1,847	100.0%
Kansas	<=30.0	14	15	15	15	15	15	15	15	14	14	12	15	15	19.8%
	30.1-40.0	54	53	53	53	52	52	51	50	54	54	44	53	52	70.5%
	40.1-50.0	9	8	8	8	7	8	9	8	6	5	5	5	7	9.6%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1%
	Total		77	77	77	76	74	74	75	73	74	73	61	73	74
Louisiana	<=30.0	24	24	21	24	22	21	22	20	24	23	23	21	22	24.1%
	30.1-40.0	48	47	48	41	43	46	47	37	42	43	40	41	44	47.1%
	40.1-50.0	22	22	21	26	25	27	20	30	19	19	19	20	23	24.3%
	>50.0	4	4	4	4	3	3	4	4	4	4	5	6	4	4.4%
	Total		98	97	93	94	93	96	94	91	89	89	87	89	93
Montana	<=30.0	3	3	3	2	2	2	2	2	2	2	2	2	2	3.8%
	30.1-40.0	40	38	36	35	22	38	35	34	30	33	25	37	34	52.6%
	40.1-50.0	25	23	25	24	34	24	26	27	32	29	34	30	28	43.4%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2%
	Total		68	65	63	62	58	63	64	64	64	64	62	69	64
New Mexico	<=30.0	1	1	1	1	4	4	0	0	0	0	0	0	1	0.1%
	30.1-40.0	164	179	161	215	232	226	194	155	162	129	118	149	174	9.4%
	40.1-50.0	1,601	1,599	1,559	1,482	1,429	1,480	1,566	1,591	1,644	1,702	1,638	1,753	1,586	85.9%
	>50.0	74	81	85	72	93	92	71	93	99	94	105	79	87	4.7%
	Total		1,840	1,860	1,806	1,770	1,759	1,802	1,831	1,839	1,905	1,925	1,862	1,982	1,848
North Dakota	<=30.0	6	5	5	6	6	6	8	5	5	6	5	5	6	0.5%
	30.1-40.0	76	78	141	181	198	233	219	185	193	173	168	153	167	13.8%
	40.1-50.0	976	994	950	964	965	975	1,059	1,046	1,049	1,052	894	1,083	1,000	83.1%
	>50.0	37	31	26	15	18	15	21	37	42	44	47	47	31	2.6%
	Total		1,094	1,108	1,122	1,166	1,187	1,229	1,308	1,273	1,288	1,274	1,114	1,287	1,204
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	2.7%
	40.1-50.0	1	2	1	2	1	2	1	1	1	1	1	1	1	1.6%
	>50.0	79	82	83	75	71	71	80	85	91	90	88	81	81	95.7%
	Total		82	86	87	79	75	75	84	89	94	93	91	84	85

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	
		Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Volume	Share
Oklahoma	<=30.0	18	19	19	17	18	18	18	18	18	18	18	19	18	4.3%
	30.1-40.0	79	89	93	93	92	92	86	78	75	83	73	70	84	19.7%
	40.1-50.0	231	231	239	244	249	240	239	241	240	228	204	217	234	54.9%
	>50.0	105	101	93	85	79	78	82	87	88	91	95	93	90	21.1%
	Total	434	440	444	440	439	429	426	424	421	420	389	399	425	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	13	14	13	13	12	12	12	13	15	13	13	12	13	99.1%
	Total	13	15	14	13	12	12	12	13	16	13	14	12	13	100.0%
Texas	<=30.0	72	67	61	81	74	81	71	67	72	70	77	75	72	1.3%
	30.1-40.0	2,207	2,299	2,321	2,579	2,491	2,591	2,668	2,563	2,384	2,419	2,135	2,379	2,419	43.7%
	40.1-50.0	2,696	2,577	2,617	2,502	2,636	2,592	2,495	2,493	2,851	2,671	2,747	2,572	2,621	47.3%
	>50.0	479	466	501	375	359	338	337	464	351	471	418	521	423	7.6%
	Total	5,454	5,408	5,500	5,538	5,560	5,603	5,570	5,586	5,658	5,631	5,376	5,548	5,536	100.0%
Utah	<=30.0	3	4	5	4	3	4	3	3	4	3	3	3	3	2.2%
	30.1-40.0	57	66	66	67	66	67	60	75	87	84	80	76	71	44.4%
	40.1-50.0	71	69	81	82	79	85	102	91	81	84	79	76	81	51.1%
	>50.0	3	4	4	3	3	3	3	3	4	3	5	5	4	2.2%
	Total	134	143	154	155	151	159	168	172	175	174	167	160	159	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	0.7%
	>50.0	57	52	54	55	50	52	48	54	51	46	45	41	50	99.2%
	Total	57	52	54	56	50	52	48	55	51	46	45	42	51	100.0%
Wyoming	<=30.0	24	25	26	26	27	23	23	25	24	23	23	23	24	8.9%
	30.1-40.0	85	81	78	86	85	83	81	84	80	89	82	89	84	30.5%
	40.1-50.0	132	126	132	135	133	144	143	140	155	147	144	157	141	51.4%
	>50.0	19	20	24	21	18	23	26	30	29	35	30	29	25	9.2%
	Total	259	252	260	267	263	273	272	278	289	294	279	298	274	100.0%
Other states	<=30.0	18	19	24	26	25	26	26	25	26	27	25	28	25	23.4%
	30.1-40.0	31	32	29	33	29	32	31	31	31	31	28	31	31	29.4%
	40.1-50.0	44	43	41	43	38	40	41	39	40	41	38	42	41	38.9%
	>50.0	7	9	8	9	9	10	9	9	9	9	8	8	9	8.4%
	Total	100	103	102	111	101	108	107	105	106	109	100	109	105	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. 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*.