

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	Last 12 months												Volume	Share
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17		
Lower 48	<=20.0	397	409	393	384	367	374	371	376	369	369	369	373	379	4.5%
	20.1-25.0	159	138	160	146	181	193	161	141	166	157	161	163	160	1.9%
	25.1-30.0	776	664	679	689	727	686	710	788	782	772	774	639	724	8.5%
	30.1-35.0	1,020	1,227	1,244	1,280	1,257	1,275	1,339	1,232	1,159	1,140	1,371	1,494	1,254	14.8%
	35.1-40.0	1,561	1,574	1,513	1,459	1,495	1,647	1,688	1,625	1,744	1,788	1,739	1,652	1,624	19.1%
	40.1-45.0	2,504	2,553	2,672	2,536	2,551	2,641	2,621	2,719	2,742	2,775	2,753	2,769	2,653	31.2%
	45.1-50.0	865	961	928	946	956	944	931	933	953	923	906	936	932	11.0%
	50.1-55.0	377	360	364	378	370	367	372	367	337	317	353	327	357	4.2%
	>55.0	400	393	394	414	417	416	399	401	391	378	366	368	395	4.6%
	Unknown	42	17	15	20	11	15	14	13	11	15	18	32	19	0.2%
<b>Total</b>	<b>8,101</b>	<b>8,296</b>	<b>8,363</b>	<b>8,252</b>	<b>8,335</b>	<b>8,557</b>	<b>8,605</b>	<b>8,595</b>	<b>8,654</b>	<b>8,633</b>	<b>8,811</b>	<b>8,752</b>	<b>8,496</b>	<b>100.0%</b>	
Arkansas	<=30.0	4	4	4	3	4	4	4	4	4	3	4	4	4	25.3%
	30.1-40.0	4	4	4	4	4	4	4	5	5	4	5	5	4	30.8%
	40.1-50.0	7	7	6	6	6	6	6	6	6	6	5	6	6	42.1%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.8%
	<b>Total</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>100.0%</b>
California	<=30.0	464	459	456	434	429	434	436	439	437	434	432	435	441	91.3%
	30.1-40.0	38	40	40	43	40	46	43	39	38	36	36	29	39	8.1%
	40.1-50.0	2	2	2	3	3	4	4	4	3	3	3	4	3	0.7%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.0%
	<b>Total</b>	<b>505</b>	<b>501</b>	<b>499</b>	<b>480</b>	<b>472</b>	<b>483</b>	<b>483</b>	<b>482</b>	<b>478</b>	<b>474</b>	<b>472</b>	<b>468</b>	<b>483</b>	<b>100.0%</b>
Colorado	<=30.0	0	1	1	0	0	0	1	0	0	0	0	0	0	0.1%
	30.1-40.0	76	70	70	62	63	70	67	71	73	64	72	89	71	22.2%
	40.1-50.0	150	151	151	139	139	129	134	142	152	162	167	178	150	47.1%
	>50.0	95	96	97	93	91	92	95	102	99	98	102	107	97	30.6%
	<b>Total</b>	<b>321</b>	<b>317</b>	<b>319</b>	<b>294</b>	<b>294</b>	<b>292</b>	<b>296</b>	<b>315</b>	<b>325</b>	<b>324</b>	<b>342</b>	<b>374</b>	<b>318</b>	<b>100.0%</b>
Federal	<=30.0	610	507	542	550	602	574	539	615	619	622	610	504	574	34.1%
	Offshore Gulf	861	1,067	1,112	1,150	1,129	1,149	1,193	1,012	1,016	988	1,125	1,170	1,081	64.3%
	Of Mexico	26	27	22	25	23	25	23	24	19	23	20	17	23	1.4%
	>50.0	5	4	4	5	4	4	3	5	3	3	4	2	4	0.2%
<b>Total</b>	<b>1,502</b>	<b>1,605</b>	<b>1,680</b>	<b>1,730</b>	<b>1,758</b>	<b>1,751</b>	<b>1,759</b>	<b>1,657</b>	<b>1,658</b>	<b>1,636</b>	<b>1,759</b>	<b>1,693</b>	<b>1,682</b>	<b>100.0%</b>	
Kansas	<=30.0	20	20	19	18	18	19	20	20	20	22	22	21	20	20.1%
	30.1-40.0	66	66	66	64	65	67	68	66	66	66	65	64	66	66.6%
	40.1-50.0	14	14	14	13	13	13	13	13	12	12	12	12	13	13.2%
	>50.0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.1%
	<b>Total</b>	<b>101</b>	<b>100</b>	<b>99</b>	<b>95</b>	<b>97</b>	<b>100</b>	<b>101</b>	<b>99</b>	<b>98</b>	<b>100</b>	<b>98</b>	<b>97</b>	<b>99</b>	<b>100.0%</b>
Louisiana	<=30.0	31	33	28	31	29	32	30	32	34	30	35	33	31	22.0%
	30.1-40.0	75	74	71	67	70	63	66	65	64	64	58	60	66	46.4%
	40.1-50.0	34	35	35	33	31	36	34	33	33	33	35	34	34	23.7%
	>50.0	13	13	13	12	11	12	13	13	10	10	9	8	11	8.0%
	<b>Total</b>	<b>154</b>	<b>154</b>	<b>146</b>	<b>143</b>	<b>141</b>	<b>143</b>	<b>143</b>	<b>143</b>	<b>141</b>	<b>137</b>	<b>137</b>	<b>135</b>	<b>143</b>	<b>100.0%</b>
Montana	<=30.0	3	3	3	2	2	3	3	3	3	3	3	3	3	4.4%
	30.1-40.0	27	25	24	22	21	23	23	23	24	26	26	26	24	42.1%
	40.1-50.0	31	33	34	33	33	33	32	31	29	27	26	26	31	53.0%
	>50.0	0	0	0	1	0	0	0	0	0	0	0	0	0	0.4%
	<b>Total</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>57</b>	<b>57</b>	<b>59</b>	<b>58</b>	<b>57</b>	<b>56</b>	<b>56</b>	<b>54</b>	<b>55</b>	<b>58</b>	<b>100.0%</b>
New Mexico	<=30.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0.1%
	30.1-40.0	128	128	122	116	114	118	121	130	132	141	140	132	127	29.3%
	40.1-50.0	255	263	278	292	288	308	307	301	315	289	292	314	292	67.4%
	>50.0	15	13	14	11	15	13	12	17	16	12	15	15	14	3.2%
	<b>Total</b>	<b>399</b>	<b>404</b>	<b>415</b>	<b>420</b>	<b>416</b>	<b>440</b>	<b>440</b>	<b>448</b>	<b>463</b>	<b>443</b>	<b>448</b>	<b>462</b>	<b>433</b>	<b>100.0%</b>
North Dakota	<=30.0	13	13	11	10	10	10	10	9	9	9	9	9	10	1.0%
	30.1-40.0	91	73	66	54	51	69	79	91	117	135	152	162	95	9.4%
	40.1-50.0	860	948	943	863	905	936	921	935	898	872	869	895	903	89.2%
	>50.0	1	3	6	13	10	5	5	2	1	1	1	2	4	0.4%
	<b>Total</b>	<b>966</b>	<b>1,037</b>	<b>1,026</b>	<b>940</b>	<b>975</b>	<b>1,020</b>	<b>1,015</b>	<b>1,038</b>	<b>1,025</b>	<b>1,017</b>	<b>1,031</b>	<b>1,068</b>	<b>1,013</b>	<b>100.0%</b>
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	3	3	4	2	2	2	3	5.4%
	40.1-50.0	1	1	1	1	1	0	0	0	3	0	0	0	1	1.3%
	>50.0	48	46	42	41	48	49	45	44	44	47	48	50	46	93.2%
	<b>Total</b>	<b>51</b>	<b>49</b>	<b>46</b>	<b>45</b>	<b>51</b>	<b>52</b>	<b>48</b>	<b>47</b>	<b>51</b>	<b>50</b>	<b>51</b>	<b>53</b>	<b>49</b>	<b>100.0%</b>

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	2017											Last 12 months		
		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Volume	Share
Oklahoma	<=30.0	38	38	39	35	37	36	36	36	34	31	34	33	36	8.3%
	30.1-40.0	121	120	117	117	115	118	135	131	127	135	129	137	125	29.4%
	40.1-50.0	188	190	190	183	176	192	192	198	189	208	213	229	196	45.8%
	>50.0	64	65	63	69	70	73	82	78	76	68	67	70	70	16.5%
	<b>Total</b>	<b>411</b>	<b>413</b>	<b>408</b>	<b>404</b>	<b>399</b>	<b>419</b>	<b>445</b>	<b>442</b>	<b>426</b>	<b>442</b>	<b>444</b>	<b>470</b>	<b>427</b>	<b>100.0%</b>
Pennsylvania	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	30.1-40.0	1	1	0	0	0	0	0	0	0	0	0	0	0	1.3%
	40.1-50.0	1	1	0	1	0	0	0	0	0	0	0	0	0	2.1%
	>50.0	15	15	16	16	16	15	15	17	15	15	19	18	16	96.6%
	<b>Total</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>16</b>	<b>19</b>	<b>19</b>	<b>17</b>	<b>17</b>	<b>100.0%</b>
Texas	<=30.0	72	59	52	57	68	65	85	67	79	64	79	56	67	2.0%
	30.1-40.0	960	991	922	898	940	1,046	1,080	1,071	1,085	1,111	1,142	1,110	1,030	31.2%
	40.1-50.0	1,662	1,688	1,763	1,736	1,737	1,759	1,723	1,805	1,880	1,900	1,871	1,852	1,781	54.0%
	>50.0	458	434	434	463	456	451	429	418	389	375	382	348	420	12.7%
	<b>Total</b>	<b>3,152</b>	<b>3,172</b>	<b>3,171</b>	<b>3,153</b>	<b>3,202</b>	<b>3,321</b>	<b>3,316</b>	<b>3,360</b>	<b>3,434</b>	<b>3,451</b>	<b>3,474</b>	<b>3,366</b>	<b>3,298</b>	<b>100.0%</b>
Utah	<=30.0	4	3	4	4	4	4	4	4	4	4	4	4	4	4.3%
	30.1-40.0	49	47	45	48	43	46	42	47	53	49	53	55	48	54.9%
	40.1-50.0	27	31	33	30	33	31	39	34	31	38	30	30	32	36.9%
	>50.0	3	3	3	4	4	4	4	4	4	3	3	3	3	3.9%
	<b>Total</b>	<b>83</b>	<b>85</b>	<b>85</b>	<b>86</b>	<b>84</b>	<b>84</b>	<b>89</b>	<b>89</b>	<b>91</b>	<b>93</b>	<b>90</b>	<b>92</b>	<b>88</b>	<b>100.0%</b>
West Virginia	<=30.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	30.1-40.0	5	5	4	3	4	4	4	2	2	2	2	2	3	14.0%
	40.1-50.0	1	0	1	1	0	1	0	1	0	1	0	0	1	2.4%
	>50.0	14	14	16	17	18	20	18	19	21	22	22	24	19	83.5%
	<b>Total</b>	<b>19</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>22</b>	<b>24</b>	<b>22</b>	<b>22</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>26</b>	<b>23</b>	<b>100.0%</b>
Wyoming	<=30.0	42	40	42	41	40	41	40	40	40	41	39	40	41	20.6%
	30.1-40.0	47	53	53	53	54	60	63	62	61	67	67	69	59	30.1%
	40.1-50.0	61	63	64	60	58	56	64	65	65	57	61	61	61	31.2%
	>50.0	38	37	36	35	33	31	37	38	36	36	35	35	36	18.1%
	<b>Total</b>	<b>187</b>	<b>193</b>	<b>195</b>	<b>188</b>	<b>185</b>	<b>188</b>	<b>204</b>	<b>206</b>	<b>202</b>	<b>202</b>	<b>203</b>	<b>206</b>	<b>197</b>	<b>100.0%</b>
Other states	<=30.0	32	33	34	35	33	33	35	36	34	35	33	35	34	21.8%
	30.1-40.0	42	41	43	42	40	41	42	42	39	42	40	43	41	26.6%
	40.1-50.0	70	70	71	73	65	63	66	67	64	71	61	62	67	43.0%
	>50.0	14	14	14	14	13	15	15	14	14	8	14	14	13	8.7%
	<b>Total</b>	<b>158</b>	<b>157</b>	<b>162</b>	<b>164</b>	<b>151</b>	<b>151</b>	<b>157</b>	<b>158</b>	<b>150</b>	<b>155</b>	<b>149</b>	<b>153</b>	<b>155</b>	<b>100.0%</b>

**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*.