

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
		Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16		
Lower 48	<=20.0	426	409	410	408	405	407	398	407	397	402	408	395	406	4.8%
	20.1-25.0	249	237	203	178	168	167	172	175	171	160	145	163	182	2.2%
	25.1-30.0	701	642	763	733	714	692	667	758	705	778	665	672	707	8.4%
	30.1-35.0	1,105	1,207	1,081	1,179	1,181	1,188	1,169	1,066	1,227	1,021	1,214	1,247	1,157	13.7%
	35.1-40.0	1,592	1,538	1,567	1,558	1,633	1,571	1,589	1,643	1,597	1,542	1,562	1,497	1,574	18.7%
	40.1-45.0	2,491	2,497	2,522	2,572	2,469	2,488	2,519	2,492	2,517	2,463	2,525	2,636	2,516	29.9%
	45.1-50.0	1,043	1,077	1,038	1,008	918	922	835	869	846	908	995	958	951	11.3%
	50.1-55.0	476	469	470	469	439	418	371	356	371	394	377	405	418	5.0%
	>55.0	552	547	527	504	475	465	459	443	423	405	397	403	467	5.5%
	Unknown	62	55	60	53	57	59	62	45	45	42	17	15	48	0.6%
	<b>Total</b>	<b>8,698</b>	<b>8,678</b>	<b>8,639</b>	<b>8,663</b>	<b>8,458</b>	<b>8,377</b>	<b>8,241</b>	<b>8,253</b>	<b>8,300</b>	<b>8,115</b>	<b>8,304</b>	<b>8,391</b>	<b>8,427</b>	<b>100.0%</b>
Arkansas	<=30.0	3	3	3	2	3	2	2	2	3	3	4	4	3	20.0%
	30.1-40.0	3	4	4	4	4	4	4	4	4	4	4	4	4	26.7%
	40.1-50.0	10	8	9	8	9	8	8	8	7	7	6	6	8	53.3%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	<b>Total</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>15</b>	<b>100.0%</b>
California	<=30.0	496	487	488	482	480	469	454	474	471	470	463	462	475	91.9%
	30.1-40.0	40	46	42	41	41	39	37	37	39	39	40	41	40	7.7%
	40.1-50.0	2	2	2	2	2	2	2	2	2	3	2	3	2	0.4%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	<b>Total</b>	<b>539</b>	<b>535</b>	<b>533</b>	<b>526</b>	<b>523</b>	<b>510</b>	<b>493</b>	<b>514</b>	<b>512</b>	<b>511</b>	<b>505</b>	<b>505</b>	<b>517</b>	<b>100.0%</b>
Colorado	<=30.0	1	1	0	6	1	0	0	0	0	0	1	1	1	0.3%
	30.1-40.0	56	54	51	43	51	52	57	58	56	55	50	49	53	16.7%
	40.1-50.0	149	149	152	146	138	128	136	150	150	149	150	137	145	45.6%
	>50.0	119	121	119	124	127	130	116	112	115	116	115	120	120	37.7%
	<b>Total</b>	<b>326</b>	<b>325</b>	<b>322</b>	<b>319</b>	<b>316</b>	<b>311</b>	<b>309</b>	<b>321</b>	<b>322</b>	<b>322</b>	<b>316</b>	<b>307</b>	<b>318</b>	<b>100.0%</b>
Federal Gulf of Mexico	<=30.0	593	524	619	546	548	515	506	606	533	612	508	536	553	34.6%
	30.1-40.0	980	1,060	926	1,061	1,024	1,057	1,013	921	1,086	863	1,053	1,119	1,014	63.5%
	40.1-50.0	27	22	24	25	18	24	22	28	22	26	27	22	24	1.5%
	>50.0	5	4	5	5	4	4	4	4	4	5	4	4	4	0.3%
	<b>Total</b>	<b>1,605</b>	<b>1,611</b>	<b>1,574</b>	<b>1,636</b>	<b>1,593</b>	<b>1,601</b>	<b>1,545</b>	<b>1,559</b>	<b>1,645</b>	<b>1,506</b>	<b>1,591</b>	<b>1,681</b>	<b>1,596</b>	<b>100.0%</b>
Kansas	<=30.0	22	21	21	22	19	19	18	18	19	19	19	18	20	19.4%
	30.1-40.0	79	74	78	75	69	68	68	65	64	63	64	63	69	67.0%
	40.1-50.0	14	13	14	16	14	13	14	14	14	14	14	14	14	13.6%
	>50.0	1	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	<b>Total</b>	<b>116</b>	<b>109</b>	<b>114</b>	<b>112</b>	<b>102</b>	<b>100</b>	<b>100</b>	<b>97</b>	<b>97</b>	<b>96</b>	<b>97</b>	<b>95</b>	<b>103</b>	<b>100.0%</b>
Louisiana	<=30.0	36	33	35	37	36	35	32	31	28	32	33	28	33	21.0%
	30.1-40.0	72	74	75	78	77	77	80	77	77	76	74	71	75	47.8%
	40.1-50.0	40	35	39	36	38	36	35	35	33	34	34	34	36	22.9%
	>50.0	14	14	14	14	13	13	10	10	13	13	13	13	13	8.3%
	<b>Total</b>	<b>162</b>	<b>156</b>	<b>163</b>	<b>164</b>	<b>164</b>	<b>161</b>	<b>156</b>	<b>152</b>	<b>151</b>	<b>155</b>	<b>153</b>	<b>145</b>	<b>157</b>	<b>100.0%</b>
Montana	<=30.0	3	3	3	3	3	3	3	3	3	3	3	2	3	4.6%
	30.1-40.0	27	26	24	25	27	28	29	29	29	27	25	24	27	41.5%
	40.1-50.0	41	40	42	40	36	33	32	30	30	31	33	34	35	53.8%
	>50.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	<b>Total</b>	<b>71</b>	<b>69</b>	<b>69</b>	<b>67</b>	<b>66</b>	<b>65</b>	<b>64</b>	<b>62</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>61</b>	<b>65</b>	<b>100.0%</b>
New Mexico	<=30.0	0	1	0	0	0	4	1	0	1	0	1	0	1	0.3%
	30.1-40.0	109	125	127	132	130	129	133	135	127	129	132	122	128	32.2%
	40.1-50.0	237	246	271	266	270	252	248	246	256	257	264	280	258	65.0%
	>50.0	11	10	11	10	11	11	10	10	11	16	13	15	11	2.8%
	<b>Total</b>	<b>358</b>	<b>381</b>	<b>409</b>	<b>409</b>	<b>410</b>	<b>396</b>	<b>392</b>	<b>391</b>	<b>395</b>	<b>402</b>	<b>409</b>	<b>417</b>	<b>397</b>	<b>100.0%</b>
North Dakota	<=30.0	11	13	16	13	12	12	14	14	14	13	13	11	13	1.2%
	30.1-40.0	64	64	66	66	69	91	104	114	105	91	73	70	82	7.8%
	40.1-50.0	1,057	1,020	1,026	1,022	954	936	902	897	856	858	946	942	951	90.5%
	>50.0	14	13	6	6	5	4	3	1	1	1	3	6	5	0.5%
	<b>Total</b>	<b>1,145</b>	<b>1,110</b>	<b>1,114</b>	<b>1,107</b>	<b>1,040</b>	<b>1,044</b>	<b>1,023</b>	<b>1,026</b>	<b>977</b>	<b>964</b>	<b>1,036</b>	<b>1,029</b>	<b>1,051</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	4	3	3	3	3	3	3	3	3	3	3	3	3	4.8%
	40.1-50.0	2	2	3	1	2	1	1	1	1	1	1	1	1	1.6%
	>50.0	73	68	69	68	64	61	60	56	52	48	46	45	59	93.7%
	<b>Total</b>	<b>79</b>	<b>73</b>	<b>75</b>	<b>72</b>	<b>68</b>	<b>65</b>	<b>64</b>	<b>60</b>	<b>55</b>	<b>51</b>	<b>49</b>	<b>48</b>	<b>63</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	API												Last 12 months	
		Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Volume	Share
Oklahoma	<=30.0	46	48	49	46	46	43	43	42	40	38	39	41	43	10.2%
	30.1-40.0	104	109	121	121	109	110	119	119	124	121	123	118	117	27.8%
	40.1-50.0	147	160	170	165	177	189	180	181	194	188	195	197	178	42.3%
	>50.0	97	99	96	103	90	87	81	76	66	64	66	66	83	19.7%
	<b>Total</b>	<b>395</b>	<b>416</b>	<b>436</b>	<b>435</b>	<b>422</b>	<b>429</b>	<b>424</b>	<b>417</b>	<b>424</b>	<b>411</b>	<b>422</b>	<b>422</b>	<b>421</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	0	0	1	1	1	1	1	1	0	0	1	0	1	5.9%
	40.1-50.0	1	1	1	1	1	1	1	1	1	1	0	0	1	5.9%
	>50.0	18	18	17	17	19	17	14	14	14	14	14	15	16	94.1%
	<b>Total</b>	<b>19</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>20</b>	<b>18</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>100.0%</b>
Texas	<=30.0	79	74	63	82	66	86	87	73	85	72	59	50	73	2.3%
	30.1-40.0	1,025	964	995	958	1,083	968	974	1,011	976	960	994	923	986	30.5%
	40.1-50.0	1,632	1,723	1,666	1,697	1,583	1,648	1,642	1,625	1,657	1,662	1,689	1,765	1,666	51.6%
	>50.0	607	599	592	558	513	491	471	451	452	458	433	456	507	15.7%
	<b>Total</b>	<b>3,343</b>	<b>3,361</b>	<b>3,315</b>	<b>3,295</b>	<b>3,245</b>	<b>3,193</b>	<b>3,174</b>	<b>3,161</b>	<b>3,170</b>	<b>3,152</b>	<b>3,175</b>	<b>3,195</b>	<b>3,232</b>	<b>100.0%</b>
Utah	<=30.0	6	6	5	5	4	4	4	4	5	4	4	4	5	6.0%
	30.1-40.0	42	45	48	44	44	47	49	50	49	50	47	44	46	55.4%
	40.1-50.0	37	30	26	29	30	26	22	24	27	28	31	32	29	34.9%
	>50.0	4	5	4	4	5	4	4	3	3	3	3	3	4	4.8%
	<b>Total</b>	<b>89</b>	<b>86</b>	<b>83</b>	<b>82</b>	<b>83</b>	<b>81</b>	<b>79</b>	<b>80</b>	<b>84</b>	<b>84</b>	<b>86</b>	<b>83</b>	<b>83</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	1	2	3	2	3	4	5	6	5	5	5	4	4	18.2%
	40.1-50.0	1	1	1	1	1	1	1	1	1	1	1	1	1	4.5%
	>50.0	19	19	18	18	18	17	17	17	17	15	15	17	17	77.3%
	<b>Total</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>23</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>22</b>	<b>100.0%</b>
Wyoming	<=30.0	43	43	40	40	41	40	40	40	39	41	40	40	41	20.4%
	30.1-40.0	65	64	59	57	58	55	54	48	48	46	52	52	55	27.4%
	40.1-50.0	80	70	70	72	67	63	61	66	64	60	62	64	67	33.3%
	>50.0	41	41	42	42	41	38	37	37	37	38	37	36	39	19.4%
	<b>Total</b>	<b>229</b>	<b>218</b>	<b>211</b>	<b>211</b>	<b>206</b>	<b>196</b>	<b>192</b>	<b>192</b>	<b>187</b>	<b>186</b>	<b>192</b>	<b>192</b>	<b>201</b>	<b>100.0%</b>
Other states	<=30.0	41	36	36	37	31	39	38	34	35	33	34	33	36	21.3%
	30.1-40.0	45	45	43	44	42	43	47	45	45	43	42	41	44	26.0%
	40.1-50.0	81	76	73	78	74	75	77	74	72	73	73	71	75	44.4%
	>50.0	17	15	14	15	14	14	13	14	14	14	14	14	14	8.3%
	<b>Total</b>	<b>184</b>	<b>172</b>	<b>166</b>	<b>174</b>	<b>161</b>	<b>170</b>	<b>175</b>	<b>168</b>	<b>166</b>	<b>164</b>	<b>163</b>	<b>159</b>	<b>169</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 =  $(141.5 / \text{sp.gr.60 deg.F/60 deg.F}) - 131.5$ . 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 California, Florida, 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*.