



**International Association of Drilling Contractors**  
**Rotary Rig Incident Statistics Program**  
 2018 Year to Date Summary Report By Category  
 4th Quarter Numbers

Category	Total Manhours	Total MTOs	Total RWTCs	Total LTIs	Total FTLs	Total RCRD	LTI INCD. Rate	LTI FREQ. Rate	DART INCD. Rate	DART FREQ. Rate	RCRD INCD. Rate	RCRD FREQ. Rate
US - Land	62,853,576.00	175	169	157	4	505	0.51	2.56	1.05	5.25	1.61	8.03
US - Water	27,298,979.00	23	25	10	0	58	0.07	0.37	0.26	1.28	0.42	2.12
Canada - Land	4,380,582.00	3	11	5	1	20	0.27	1.37	0.78	3.88	0.91	4.57
Canada - Water	1,418,380.00	0	3	0	0	3	0.00	0.00	0.42	2.12	0.42	2.12
Central America & Caribbean - Land	478,607.00	2	2	3	0	7	1.25	6.27	2.09	10.45	2.93	14.63
Central America & Caribbean - Water	4,405,707.00	4	11	5	0	20	0.23	1.13	0.73	3.63	0.91	4.54
European - Land	8,279,494.00	4	0	16	0	20	0.39	1.93	0.39	1.93	0.48	2.42
European - Water	26,717,692.00	26	26	15	0	67	0.11	0.56	0.31	1.53	0.50	2.51
Africa - Land	32,146,957.00	26	151	88	3	268	0.57	2.83	1.51	7.53	1.67	8.34
Africa - Water	12,926,329.00	7	17	4	0	28	0.06	0.31	0.32	1.62	0.43	2.17
Middle East - Land	93,371,234.00	42	56	31	3	132	0.07	0.36	0.19	0.96	0.28	1.41
Middle East - Water	41,706,481.00	18	28	11	1	58	0.06	0.29	0.19	0.96	0.28	1.39
Asia Pacific - Land	8,967,035.00	6	2	2	0	10	0.04	0.22	0.09	0.45	0.22	1.12
Asia Pacific - Water	35,011,306.00	16	11	11	0	38	0.06	0.31	0.13	0.63	0.22	1.09
South America Land	11,149,566.00	7	9	13	1	30	0.25	1.26	0.41	2.06	0.54	2.69
South America Water	8,744,970.00	2	5	6	0	13	0.14	0.69	0.25	1.26	0.30	1.49
Australasia - Land	3,809,566.00	9	6	10	0	25	0.52	2.62	0.84	4.20	1.31	6.56
Australasia - Water	1,278,445.00	0	1	2	0	3	0.31	1.56	0.47	2.35	0.47	2.35
<b>US Combined</b>	<b>90,152,555.00</b>	<b>198</b>	<b>194</b>	<b>167</b>	<b>4</b>	<b>563</b>	<b>0.38</b>	<b>1.90</b>	<b>0.81</b>	<b>4.05</b>	<b>1.25</b>	<b>6.24</b>
<b>Canada Combined</b>	<b>5,798,962.00</b>	<b>3</b>	<b>14</b>	<b>5</b>	<b>1</b>	<b>23</b>	<b>0.21</b>	<b>1.03</b>	<b>0.69</b>	<b>3.45</b>	<b>0.79</b>	<b>3.97</b>
<b>Central America Caribbean Combined</b>	<b>4,884,314.00</b>	<b>6</b>	<b>13</b>	<b>8</b>	<b>0</b>	<b>27</b>	<b>0.33</b>	<b>1.64</b>	<b>0.86</b>	<b>4.30</b>	<b>1.11</b>	<b>5.53</b>
<b>European Combined</b>	<b>34,997,186.00</b>	<b>30</b>	<b>26</b>	<b>31</b>	<b>0</b>	<b>87</b>	<b>0.18</b>	<b>0.89</b>	<b>0.33</b>	<b>1.63</b>	<b>0.50</b>	<b>2.49</b>
<b>Africa Combined</b>	<b>45,073,286.00</b>	<b>33</b>	<b>168</b>	<b>92</b>	<b>3</b>	<b>296</b>	<b>0.42</b>	<b>2.11</b>	<b>1.17</b>	<b>5.83</b>	<b>1.31</b>	<b>6.57</b>
<b>Middle East Combined</b>	<b>135,077,715.00</b>	<b>60</b>	<b>84</b>	<b>42</b>	<b>4</b>	<b>190</b>	<b>0.07</b>	<b>0.34</b>	<b>0.19</b>	<b>0.96</b>	<b>0.28</b>	<b>1.41</b>
<b>Asia Pacific Combined</b>	<b>43,978,341.00</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>0</b>	<b>48</b>	<b>0.06</b>	<b>0.30</b>	<b>0.12</b>	<b>0.59</b>	<b>0.22</b>	<b>1.09</b>
<b>South America Combined</b>	<b>19,894,536.00</b>	<b>9</b>	<b>14</b>	<b>19</b>	<b>1</b>	<b>43</b>	<b>0.20</b>	<b>1.01</b>	<b>0.34</b>	<b>1.71</b>	<b>0.43</b>	<b>2.16</b>
<b>Australasia Combined</b>	<b>5,088,011.00</b>		<b>7</b>	<b>12</b>	<b>0</b>	<b>28</b>	<b>0.47</b>	<b>2.36</b>	<b>0.75</b>	<b>3.73</b>	<b>1.10</b>	<b>5.50</b>
<b>INDUSTRY TOTAL</b>	<b>384,944,906.00</b>	<b>370</b>	<b>533</b>	<b>389</b>	<b>13</b>	<b>1,305</b>	<b>0.21</b>	<b>1.04</b>	<b>0.49</b>	<b>2.4289</b>	<b>0.68</b>	<b>3.39</b>
<b>MTO = Medical Treatment Only</b>							<i>LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours</i>					
<b>RWTC = Restricted Work/Transfer Case</b>	<b>INCD = Incident Rate (200,000 manhours) :</b>						<i>DART INCD Rate = (RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>					
<b>LTi = Lost Time Incident</b>							<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>					
<b>FTL = Fatality</b>	<b>FREQ = Frequency Rate (1,000,000 manhours) :</b>						<i>LTI FREQ Rate = (LTIs + FTLs) * 1,000,000 / Total Manhours</i>					
<b>RCRD = Total Recordables</b>							<i>DART FREQ Rate = (RWTCs + LTIs + FTLs) * 1,000,000 / Total Manhours</i>					
							<i>RCRD FREQ Rate = (MTOs + RWTCs + LTIs + FTLs) * 1,000,000 / Total Manhours</i>					
	<b>DART = Days Away (LTI) cases + Restricted Work/Transfer Cases</b>											