



**International Association of Drilling Contractors**  
**Rotary Rig Incident Statistics Program**  
 2019 Year to Date Summary Report By Category  
 3rd 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	44,515,789.00	133	103	106	3	345	0.49	2.45	0.95	4.76	1.55	7.75
US - Water	14,033,421.00	12	19	4	0	35	0.06	0.29	0.33	1.64	0.50	2.49
Canada - Land	3,465,924.00	14	4	6	1	25	0.40	2.02	0.63	3.17	1.44	7.21
Canada - Water	1,094,407.00	1	0	1	0	2	0.18	0.91	0.18	0.91	0.37	1.83
Central America & Caribbean - Land	594,612.00	2	0	0	0	2	0.00	0.00	0.00	0.00	0.67	3.36
Central America & Caribbean - Water	2,523,562.00	0	5	1	0	6	0.08	0.40	0.48	2.38	0.48	2.38
European - Land	5,844,254.00	7	3	6	0	16	0.21	1.03	0.31	1.54	0.55	2.74
European - Water	18,975,454.00	21	11	19	0	51	0.20	1.00	0.32	1.58	0.54	2.69
Africa - Land	17,649,307.00	22	79	31	2	134	0.37	1.87	1.27	6.35	1.52	7.59
Africa - Water	9,814,755.00	6	6	4	0	16	0.08	0.41	0.20	1.02	0.33	1.63
Middle East - Land	63,192,829.00	40	36	20	2	98	0.07	0.35	0.18	0.92	0.31	1.55
Middle East - Water	30,139,567.00	19	26	10	0	55	0.07	0.33	0.24	1.19	0.36	1.82
Asia Pacific - Land	5,715,337.00	2	0	4	0	6	0.14	0.70	0.14	0.70	0.21	1.05
Asia Pacific - Water	25,004,957.00	9	6	21	0	36	0.17	0.84	0.22	1.08	0.29	1.44
South America Land	8,757,376.00	10	17	8	0	35	0.18	0.91	0.57	2.85	0.80	4.00
South America Water	5,518,935.00	2	1	5	0	8	0.18	0.91	0.22	1.09	0.29	1.45
Australasia - Land	1,682,951.00	2	3	0	0	5	0.00	0.00	0.36	1.78	0.59	2.97
Australasia - Water	879,643.00	2	1	1	0	4	0.23	1.14	0.45	2.27	0.91	4.55
<b>US Combined</b>	<b>58,549,210.00</b>	<b>145</b>	<b>122</b>	<b>110</b>	<b>3</b>	<b>380</b>	<b>0.39</b>	<b>1.93</b>	<b>0.80</b>	<b>4.01</b>	<b>1.30</b>	<b>6.49</b>
<b>Canada Combined</b>	<b>4,560,331.00</b>	<b>15</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>27</b>	<b>0.35</b>	<b>1.75</b>	<b>0.53</b>	<b>2.63</b>	<b>1.18</b>	<b>5.92</b>
<b>Central America Caribbean Combined</b>	<b>3,118,174.00</b>	<b>2</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>0.06</b>	<b>0.32</b>	<b>0.38</b>	<b>1.92</b>	<b>0.51</b>	<b>2.57</b>
<b>European Combined</b>	<b>24,819,708.00</b>	<b>28</b>	<b>14</b>	<b>25</b>	<b>0</b>	<b>67</b>	<b>0.20</b>	<b>1.01</b>	<b>0.31</b>	<b>1.57</b>	<b>0.54</b>	<b>2.70</b>
<b>Africa Combined</b>	<b>27,464,062.00</b>		<b>85</b>	<b>35</b>	<b>2</b>	<b>150</b>	<b>0.27</b>	<b>1.35</b>	<b>0.89</b>	<b>4.44</b>	<b>1.09</b>	<b>5.46</b>
<b>Middle East Combined</b>	<b>93,332,396.00</b>	<b>59</b>	<b>62</b>	<b>30</b>	<b>2</b>	<b>153</b>	<b>0.07</b>	<b>0.34</b>	<b>0.20</b>	<b>1.01</b>	<b>0.33</b>	<b>1.64</b>
<b>Asia Pacific Combined</b>	<b>30,720,294.00</b>	<b>11</b>	<b>6</b>	<b>25</b>	<b>0</b>	<b>42</b>	<b>0.16</b>	<b>0.81</b>	<b>0.20</b>	<b>1.01</b>	<b>0.27</b>	<b>1.37</b>
<b>South America Combined</b>	<b>14,276,311.00</b>	<b>12</b>	<b>18</b>	<b>13</b>	<b>0</b>	<b>43</b>	<b>0.18</b>	<b>0.91</b>	<b>0.43</b>	<b>2.17</b>	<b>0.60</b>	<b>3.01</b>
<b>Australasia Combined</b>	<b>2,562,594.00</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>0.08</b>	<b>0.39</b>	<b>0.39</b>	<b>1.95</b>	<b>0.70</b>	<b>3.51</b>
<b>INDUSTRY TOTAL</b>	<b>259,403,080.00</b>	<b>304</b>	<b>320</b>	<b>247</b>	<b>8</b>	<b>879</b>	<b>0.20</b>	<b>0.98</b>	<b>0.44</b>	<b>2.2166</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>								
				<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>								
<b>LTI = Lost Time Incident</b>				<i>LTI FREQ Rate = (LTIs + FTLs) * 1,000,000 / Total Manhours</i>								
<b>FTL = Fatality</b>	<b>FREQ = Frequency Rate (1,000,000 manhours) :</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>RCRD = Total Recordables</b>	<b>DART = Days Away (LTI) cases + Restricted Work/Transfer Cases</b>											