



# International Association of Drilling Contractors

## Rotary Rig Incident Statistics Program

### 2016 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	34,224,042.00	71	71	56	3	201	0.34	1.72	0.76	3.80	1.17	5.87
US - Water	26,022,225.00	26	27	11	1	65	0.09	0.46	0.30	1.50	0.50	2.50
Canada - Land	728,918.00	0	3	2	0	5	0.55	2.74	1.37	6.86	1.37	6.86
Canada - Water	1,550,957.00	0	2	0	0	2	0.00	0.00	0.26	1.29	0.26	1.29
Central America & Caribbean - Land	1,120,439.00	3	3	3	0	9	0.54	2.68	1.07	5.36	1.61	8.03
Central America & Caribbean - Water	3,494,071.00	1	3	2	0	6	0.11	0.57	0.29	1.43	0.34	1.72
European - Land	39,843,737.00	7	6	33	1	47	0.17	0.85	0.20	1.00	0.24	1.18
European - Water	26,808,856.00	31	17	17	0	65	0.13	0.63	0.25	1.27	0.48	2.42
Africa - Land	17,733,877.00	17	8	9	0	34	0.10	0.51	0.19	0.96	0.38	1.92
Africa - Water	19,772,805.00	9	10	1	0	20	0.01	0.05	0.11	0.56	0.20	1.01
Middle East - Land	98,165,026.00	117	54	61	3	235	0.13	0.65	0.24	1.20	0.48	2.39
Middle East - Water	46,577,262.00	19	27	13	0	59	0.06	0.28	0.17	0.86	0.25	1.27
Asia Pacific - Land	9,208,311.00	3	2	3	0	8	0.07	0.33	0.11	0.54	0.17	0.87
Asia Pacific - Water	34,316,523.00	21	12	18	1	52	0.11	0.55	0.18	0.90	0.30	1.52
South America Land	12,114,030.00	7	19	16	0	42	0.26	1.32	0.58	2.89	0.69	3.47
South America Water	11,746,564.00	8	6	6	0	20	0.10	0.51	0.20	1.02	0.34	1.70
Australasia - Land	1,254,147.00	0	3	0	0	3	0.00	0.00	0.48	2.39	0.48	2.39
Australasia - Water	1,809,280.00	3	2	0	0	5	0.00	0.00	0.22	1.11	0.55	2.76
<b>US Combined</b>	<b>60,246,267.00</b>	<b>97</b>	<b>98</b>	<b>67</b>	<b>4</b>	<b>266</b>	<b>0.24</b>	<b>1.18</b>	<b>0.56</b>	<b>2.81</b>	<b>0.88</b>	<b>4.42</b>
<b>Canada Combined</b>	<b>2,279,875.00</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>0.18</b>	<b>0.88</b>	<b>0.61</b>	<b>3.07</b>	<b>0.61</b>	<b>3.07</b>
<b>Central America Caribbean Combined</b>	<b>4,614,510.00</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>15</b>	<b>0.22</b>	<b>1.08</b>	<b>0.48</b>	<b>2.38</b>	<b>0.65</b>	<b>3.25</b>
<b>European Combined</b>	<b>66,652,593.00</b>	<b>38</b>	<b>23</b>	<b>50</b>	<b>1</b>	<b>112</b>	<b>0.15</b>	<b>0.77</b>	<b>0.22</b>	<b>1.11</b>	<b>0.34</b>	<b>1.68</b>
<b>Africa Combined</b>	<b>37,506,682.00</b>	<b>26</b>	<b>18</b>	<b>10</b>	<b>0</b>	<b>54</b>	<b>0.05</b>	<b>0.27</b>	<b>0.15</b>	<b>0.75</b>	<b>0.29</b>	<b>1.44</b>
<b>Middle East Combined</b>	<b>144,742,288.00</b>	<b>136</b>	<b>81</b>	<b>74</b>	<b>3</b>	<b>294</b>	<b>0.11</b>	<b>0.53</b>	<b>0.22</b>	<b>1.09</b>	<b>0.41</b>	<b>2.03</b>
<b>Asia Pacific Combined</b>	<b>43,524,834.00</b>	<b>24</b>	<b>14</b>	<b>21</b>	<b>1</b>	<b>60</b>	<b>0.10</b>	<b>0.51</b>	<b>0.17</b>	<b>0.83</b>	<b>0.28</b>	<b>1.38</b>

<b>MTO = Medical Treatment Only</b>	<b>INCD = Incident Rate (200,000 manhours) :</b>	<i>LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours</i>
<b>RWTC = Restricted Work/Transfer Case</b>		<i>DART INCD Rate = (RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>
<b>LTI = Lost Time Incident</b>	<b>FREQ = Frequency Rate (1,000,000 manhours) :</b>	<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>
<b>FTL = Fatality</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>	



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South America Combined	23,860,594.00	15	25	22	0	62	0.18	0.92	0.39	1.97	0.52	2.60
Australasia Combined	3,063,427.00	3	5	0	0	8	0.00	0.00	0.33	1.63	0.52	2.61
<b>INDUSTRY TOTAL</b>	<b>386,491,070.00</b>	<b>343</b>	<b>275</b>	<b>251</b>	<b>9</b>	<b>878</b>	<b>0.13</b>	<b>0.67</b>	<b>0.28</b>	<b>1.3842</b>	<b>0.45</b>	<b>2.27</b>

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	<b>DART = Days Away (LTI) cases + Restricted Work/Transfer Cases</b>	