



**International Association of Drilling Contractors  
Rotary Rig Incident Statistics Program  
2023 Summary Report By Category - YTD  
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	49,512,314	124	147	107	3	381	0.44	2.22	1.04	5.19	1.54	7.70
US - Water	17,084,819	26	26	9	0	61	0.11	0.53	0.41	2.05	0.71	3.57
Canada - Land	8,199,194	3	22	12	0	37	0.29	1.46	0.83	4.15	0.90	4.51
Canada - Water	612,631	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Central America & Caribbean - Land	643,737	1	2	0	0	3	0.00	0.00	0.62	3.11	0.93	4.66
Central America & Caribbean - Water	5,718,072	5	3	6	0	14	0.21	1.05	0.31	1.57	0.49	2.45
European - Land	4,213,630	3	1	7	0	11	0.33	1.66	0.38	1.90	0.52	2.61
European - Water	21,642,204	14	17	10	3	44	0.12	0.60	0.28	1.39	0.41	2.03
Africa - Land	30,566,010	32	97	50	1	180	0.33	1.67	0.97	4.84	1.18	5.89
Africa - Water	15,394,241	2	4	2	0	8	0.03	0.13	0.08	0.39	0.10	0.52
Middle East - Land	106,060,791	22	36	23	2	83	0.05	0.24	0.12	0.58	0.16	0.78
Middle East - Water	63,478,475	15	22	11	1	49	0.04	0.19	0.11	0.54	0.15	0.77
Asia Pacific - Land	5,247,818	3	0	0	0	3	0.00	0.00	0.00	0.00	0.11	0.57
Asia Pacific - Water	21,633,130	6	13	5	0	24	0.05	0.23	0.17	0.83	0.22	1.11
South America Land	9,777,082	6	4	2	0	12	0.04	0.20	0.12	0.61	0.25	1.23
South America Water	11,985,267	5	8	3	0	16	0.05	0.25	0.18	0.92	0.27	1.33
Australasia - Land	3,194,372	3	3	11	0	17	0.69	3.44	0.88	4.38	1.06	5.32
Australasia - Water	2,466,791	5	6	6	0	17	0.49	2.43	0.97	4.86	1.38	6.89
<b>US Combined</b>	<b>66,597,133</b>	<b>150</b>	<b>173</b>	<b>116</b>	<b>3</b>	<b>442</b>	<b>0.36</b>	<b>1.79</b>	<b>0.88</b>	<b>4.38</b>	<b>1.33</b>	<b>6.64</b>
<b>Canada Combined</b>	<b>8,811,825</b>	<b>3</b>	<b>22</b>	<b>12</b>	<b>0</b>	<b>37</b>	<b>0.27</b>	<b>1.36</b>	<b>0.77</b>	<b>3.86</b>	<b>0.84</b>	<b>4.20</b>
<b>Central America Caribbean Combined</b>	<b>6,361,809</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>17</b>	<b>0.19</b>	<b>0.94</b>	<b>0.35</b>	<b>1.73</b>	<b>0.53</b>	<b>2.67</b>
<b>European Combined</b>	<b>25,855,834</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>3</b>	<b>55</b>	<b>0.15</b>	<b>0.77</b>	<b>0.29</b>	<b>1.47</b>	<b>0.43</b>	<b>2.13</b>
<b>Africa Combined</b>	<b>45,960,251</b>	<b>34</b>	<b>101</b>	<b>52</b>	<b>1</b>	<b>188</b>	<b>0.23</b>	<b>1.15</b>	<b>0.67</b>	<b>3.35</b>	<b>0.82</b>	<b>4.09</b>
<b>Middle East Combined</b>	<b>169,539,266</b>	<b>37</b>	<b>58</b>	<b>34</b>	<b>3</b>	<b>132</b>	<b>0.04</b>	<b>0.22</b>	<b>0.11</b>	<b>0.56</b>	<b>0.16</b>	<b>0.78</b>
<b>Asia Pacific Combined</b>	<b>26,880,948</b>	<b>9</b>	<b>13</b>	<b>5</b>	<b>0</b>	<b>27</b>	<b>0.04</b>	<b>0.19</b>	<b>0.13</b>	<b>0.67</b>	<b>0.20</b>	<b>1.00</b>
<b>South America Combined</b>	<b>21,762,349</b>	<b>11</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>28</b>	<b>0.05</b>	<b>0.23</b>	<b>0.16</b>	<b>0.78</b>	<b>0.26</b>	<b>1.29</b>
<b>Australasia Combined</b>	<b>5,661,163</b>	<b>8</b>	<b>9</b>	<b>17</b>	<b>0</b>	<b>34</b>	<b>0.60</b>	<b>3.00</b>	<b>0.92</b>	<b>4.59</b>	<b>1.20</b>	<b>6.01</b>
<b>INDUSTRY TOTAL</b>	<b>377,430,578</b>	<b>275</b>	<b>411</b>	<b>264</b>	<b>10</b>	<b>960</b>	<b>0.15</b>	<b>0.73</b>	<b>0.36</b>	<b>1.81</b>	<b>0.51</b>	<b>2.54</b>

<b>MTO</b>	Medical Treatment Only	INCD = Incident Rate (200,000 manhours)	LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours DART INCD Rate = (RWTCs + LTIs + FTLs) * 200000 / Total Manhours RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours
<b>RWTC</b>	Restricted Work/Transfer Case		
<b>LTI</b>	Lost Time Incident	FREQ = Frequency Rate (1,000,000 manhours)	LTI FREQ Rate = (LTIs + FTLs) * 1000000 / Total Manhours DART FREQ Rate = (RWTCs + LTIs + FTLs) * 1000000 / Total Manhours RCRD FREQ Rate = (MTOs + RWTCs + LTIs + FTLs) * 1000000 / Total Manhours
<b>FTL</b>	Fatality		
<b>RCRD</b>	Total Recordables	DART = Days Away (LTI) cases + Restricted Work/Transfer Cases	