



# International Association of Drilling Contractors

## Rotary Rig Incident Statistics Program

### 2021 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	34,546,949.00	83	109	74	1	267	0.43	2.17	1.07	5.33	1.55	7.73
US - Water	11,666,529.00	12	19	5	0	36	0.09	0.43	0.41	2.06	0.62	3.09
Canada - Land	3,984,470.00	2	15	3	0	20	0.15	0.75	0.90	4.52	1.00	5.02
Canada - Water	356,046.00	0	1	0	0	1	0.00	0.00	0.56	2.81	0.56	2.81
Central America & Caribbean - Land	770,092.00	1	2	5	0	8	1.30	6.49	1.82	9.09	2.08	10.39
Central America & Caribbean - Water	5,944,712.00	3	1	6	0	10	0.20	1.01	0.24	1.18	0.34	1.68
European - Land	4,579,954.00	2	2	5	0	9	0.22	1.09	0.31	1.53	0.39	1.97
European - Water	25,708,388.00	17	13	15	0	45	0.12	0.58	0.22	1.09	0.35	1.75
Africa - Land	31,356,565.00	36	122	56	1	215	0.36	1.82	1.14	5.71	1.37	6.86
Africa - Water	9,736,148.00	5	1	2	0	8	0.04	0.21	0.06	0.31	0.16	0.82
Middle East - Land	74,722,959.00	23	33	26	2	84	0.07	0.37	0.16	0.82	0.22	1.12
Middle East - Water	36,742,226.00	11	19	7	1	38	0.04	0.22	0.15	0.73	0.21	1.03
Asia Pacific - Land	6,320,057.00	4	1	0	0	5	0.00	0.00	0.03	0.16	0.16	0.79
Asia Pacific - Water	23,341,362.00	9	7	9	2	27	0.09	0.47	0.15	0.77	0.23	1.16
South America Land	6,899,226.00	7	10	7	0	24	0.20	1.01	0.49	2.46	0.70	3.48
South America Water	8,670,193.00	3	4	1	0	8	0.02	0.12	0.12	0.58	0.18	0.92
Australasia - Land	2,058,271.00	2	0	1	0	3	0.10	0.49	0.10	0.49	0.29	1.46
Australasia - Water	2,053,595.00	4	5	2	0	11	0.19	0.97	0.68	3.41	1.07	5.36
<b>US Combined</b>	<b>46,213,478.00</b>	<b>95</b>	<b>128</b>	<b>79</b>	<b>1</b>	<b>303</b>	<b>0.35</b>	<b>1.73</b>	<b>0.90</b>	<b>4.50</b>	<b>1.31</b>	<b>6.56</b>
<b>Canada Combined</b>	<b>4,340,516.00</b>	<b>2</b>	<b>16</b>	<b>3</b>	<b>0</b>	<b>21</b>	<b>0.14</b>	<b>0.69</b>	<b>0.88</b>	<b>4.38</b>	<b>0.97</b>	<b>4.84</b>
<b>Central America Caribbean Combined</b>	<b>6,714,804.00</b>	<b>4</b>	<b>3</b>	<b>11</b>	<b>0</b>	<b>18</b>	<b>0.33</b>	<b>1.64</b>	<b>0.42</b>	<b>2.08</b>	<b>0.54</b>	<b>2.68</b>
<b>European Combined</b>	<b>30,288,342.00</b>	<b>19</b>	<b>15</b>	<b>20</b>	<b>0</b>	<b>54</b>	<b>0.13</b>	<b>0.66</b>	<b>0.23</b>	<b>1.16</b>	<b>0.36</b>	<b>1.78</b>
<b>Africa Combined</b>	<b>41,092,713.00</b>	<b>41</b>	<b>123</b>	<b>58</b>	<b>1</b>	<b>223</b>	<b>0.29</b>	<b>1.44</b>	<b>0.89</b>	<b>4.43</b>	<b>1.09</b>	<b>5.43</b>
<b>Middle East Combined</b>	<b>111,465,185.00</b>	<b>34</b>	<b>52</b>	<b>33</b>	<b>3</b>	<b>122</b>	<b>0.06</b>	<b>0.32</b>	<b>0.16</b>	<b>0.79</b>	<b>0.22</b>	<b>1.09</b>
<b>Asia Pacific Combined</b>	<b>29,661,419.00</b>	<b>13</b>	<b>8</b>	<b>9</b>	<b>2</b>	<b>32</b>	<b>0.07</b>	<b>0.37</b>	<b>0.13</b>	<b>0.64</b>	<b>0.22</b>	<b>1.08</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>
	<b>DART = Days Away (LTI) cases + Restricted Work/Transfer Cases</b>	
	<i>RCRD FREQ Rate = (MTOs + RWTCs + LTIs + FTLs) * 1,000,000 / Total Manhours</i>	



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South America Combined	15,569,419.00	10	14	8	0	32	0.10	0.51	0.28	1.41	0.41	2.06
Australasia Combined	4,111,866.00	6	5	3	0	14	0.15	0.73	0.39	1.95	0.68	3.40
<b>INDUSTRY TOTAL</b>	289,457,742.00	224	364	224	7	819	0.16	0.80	0.41	2.0556	0.57	2.83

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