



International Association of Drilling Contractors
Rotary Rig Incident Statistics Program
2019 Year to Date Summary Report By Category
2nd 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	32,832,240.00	106	82	77	2	267	0.48	2.41	0.98	4.90	1.63	8.13
US - Water	9,771,150.00	10	8	2	0	20	0.04	0.20	0.20	1.02	0.41	2.05
Canada - Land	2,650,764.00	12	2	6	1	21	0.53	2.64	0.68	3.40	1.58	7.92
Canada - Water	730,572.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Central America & Caribbean - Land	371,432.00	1	0	0	0	1	0.00	0.00	0.00	0.00	0.54	2.69
Central America & Caribbean - Water	1,653,022.00	0	4	1	0	5	0.12	0.60	0.60	3.02	0.60	3.02
European - Land	3,970,788.00	7	1	5	0	13	0.25	1.26	0.30	1.51	0.65	3.27
European - Water	13,264,480.00	18	7	15	0	40	0.23	1.13	0.33	1.66	0.60	3.02
Africa - Land	15,019,092.00	16	77	28	1	122	0.39	1.93	1.41	7.06	1.62	8.12
Africa - Water	6,727,189.00	4	3	4	0	11	0.12	0.59	0.21	1.04	0.33	1.64
Middle East - Land	42,665,137.00	28	22	12	2	64	0.07	0.33	0.17	0.84	0.30	1.50
Middle East - Water	20,397,614.00	12	17	6	0	35	0.06	0.29	0.23	1.13	0.34	1.72
Asia Pacific - Land	4,184,295.00	1	0	4	0	5	0.19	0.96	0.19	0.96	0.24	1.19
Asia Pacific - Water	17,488,314.00	8	4	16	0	28	0.18	0.91	0.23	1.14	0.32	1.60
South America Land	6,209,787.00	8	15	4	0	27	0.13	0.64	0.61	3.06	0.87	4.35
South America Water	3,682,351.00	2	0	5	0	7	0.27	1.36	0.27	1.36	0.38	1.90
Australasia - Land	1,190,205.00	0	1	0	0	1	0.00	0.00	0.17	0.84	0.17	0.84
Australasia - Water	582,837.00	2	0	0	0	2	0.00	0.00	0.00	0.00	0.69	3.43
US Combined	42,603,390.00	116	90	79	2	287	0.38	1.90	0.80	4.01	1.35	6.74
Canada Combined	3,381,336.00	12	2	6	1	21	0.41	2.07	0.53	2.66	1.24	6.21
Central America Caribbean Combined	2,024,454.00	1	4	1	0	6	0.10	0.49	0.49	2.47	0.59	2.96
European Combined	17,235,268.00	25	8	20	0	53	0.23	1.16	0.32	1.62	0.62	3.08
Africa Combined	21,746,281.00	20	80	32	1	133	0.30	1.52	1.04	5.20	1.22	6.12
Middle East Combined	63,062,751.00	40	39	18	2	99	0.06	0.32	0.19	0.94	0.31	1.57
Asia Pacific Combined	21,672,609.00	9	4	20	0	33	0.18	0.92	0.22	1.11	0.30	1.52
South America Combined	9,892,138.00	10	15	9	0	34	0.18	0.91	0.49	2.43	0.69	3.44
Australasia Combined	1,773,042.00	2	1	0	0	3	0.00	0.00	0.11	0.56	0.34	1.69
INDUSTRY TOTAL	183,391,269.00	235	243	185	6	669	0.21	1.04	0.47	2.3665	0.73	3.65
MTO = Medical Treatment Only				<i>LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours</i>								
RWTC = Restricted Work/Transfer Case	INCD = Incident Rate (200,000 manhours) :			<i>DART INCD Rate = (RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>			<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>					
LTI = Lost Time Incident				<i>LTI FREQ Rate = (LTIs + FTLs) * 1,000,000 / Total Manhours</i>								
FTL = Fatality	FREQ = Frequency Rate (1,000,000 manhours) :			<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>					
RCRD = Total Recordables	DART = Days Away (LTI) cases + Restricted Work/Transfer Cases											