



International Association of Drilling Contractors
Rotary Rig Incident Statistics Program
2019 Year to Date Summary Report By Category
1st 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	16,136,910.00	54	35	48	0	137	0.59	2.97	1.03	5.14	1.70	8.49
US - Water	5,524,464.00	3	6	1	0	10	0.04	0.18	0.25	1.27	0.36	1.81
Canada - Land	1,819,343.00	7	1	5	1	14	0.66	3.30	0.77	3.85	1.54	7.70
Canada - Water	306,437.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Central America & Caribbean - Land	160,157.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Central America & Caribbean - Water	874,829.00	0	0	1	0	1	0.23	1.14	0.23	1.14	0.23	1.14
European - Land	2,079,385.00	2	0	3	0	5	0.29	1.44	0.29	1.44	0.48	2.40
European - Water	6,893,435.00	8	4	4	0	16	0.12	0.58	0.23	1.16	0.46	2.32
Africa - Land	7,407,899.00	11	39	13	0	63	0.35	1.75	1.40	7.02	1.70	8.50
Africa - Water	3,236,541.00	4	2	1	0	7	0.06	0.31	0.19	0.93	0.43	2.16
Middle East - Land	20,997,270.00	11	6	7	1	25	0.08	0.38	0.13	0.67	0.24	1.19
Middle East - Water	10,509,118.00	7	11	5	0	23	0.10	0.48	0.30	1.52	0.44	2.19
Asia Pacific - Land	2,079,211.00	0	0	2	0	2	0.19	0.96	0.19	0.96	0.19	0.96
Asia Pacific - Water	8,894,961.00	5	1	7	0	13	0.16	0.79	0.18	0.90	0.29	1.46
South America Land	3,105,033.00	4	11	3	0	18	0.19	0.97	0.90	4.51	1.16	5.80
South America Water	1,890,410.00	2	0	1	0	3	0.11	0.53	0.11	0.53	0.32	1.59
Australasia - Land	538,820.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
Australasia - Water	285,707.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
US Combined	21,661,374.00	57	41	49	0	147	0.45	2.26	0.83	4.15	1.36	6.79
Canada Combined	2,125,780.00	7	1	5	1	14	0.56	2.82	0.66	3.29	1.32	6.59
Central America Caribbean Combined	1,034,986.00	0	0	1	0	1	0.19	0.97	0.19	0.97	0.19	0.97
European Combined	8,972,820.00	10	4	7	0	21	0.16	0.78	0.25	1.23	0.47	2.34
Africa Combined	10,644,440.00	15	41	14	0	70	0.26	1.32	1.03	5.17	1.32	6.58
Middle East Combined	31,506,388.00	18	17	12	1	48	0.08	0.41	0.19	0.95	0.30	1.52
Asia Pacific Combined	10,974,172.00	5	1	9	0	15	0.16	0.82	0.18	0.91	0.27	1.37
South America Combined	4,995,443.00	6	11	4	0	21	0.16	0.80	0.60	3.00	0.84	4.20
Australasia Combined	824,527.00	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
INDUSTRY TOTAL	92,739,930.00	118	116	101	2	337	0.22	1.11	0.47	2.3614	0.73	3.63
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>						
LTI = Lost Time Incident						<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>						
FTL = Fatality	FREQ = Frequency Rate (1,000,000 manhours) :					<i>LTI FREQ Rate = (LTIs + FTLs) * 1,000,000 / Total Manhours</i>						
RCRD = Total Recordables	DART = Days Away (LTI) cases + Restricted Work/Transfer Cases					<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>						