



Summary of Occupational Incidents

(European Land Totals)

Issued 20 May 2014



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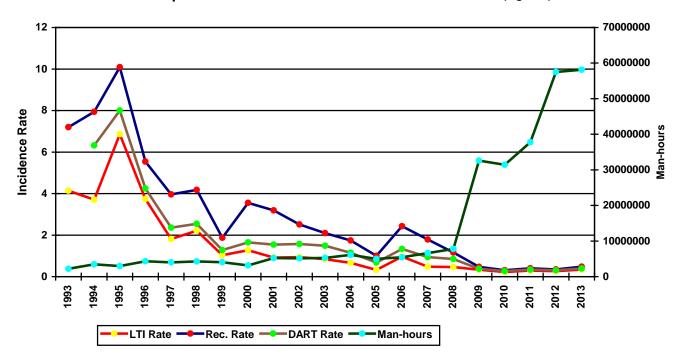
IADC 2013 European Land Totals (Table 1)

	<u>Total</u>
Total Man-hours	58,137,011
Total Medical Treatment Incidents	26
Total Restricted Work Incidents	15
Total Lost Time Incidents	96
Total Fatalities	2
Total Recordables	139
MTO Incidence Rate	0.09
RWC Incidence Rate	0.05
LTI Incidence Rate	0.34
LTI Frequency Rate	1.69
DART Incidence Rate	0.39
DART Frequency Rate	1.94
Recordable Incidence Rate	0.48
Recordable Frequency Rate	2.39

Companies Reporting: Land – 14

Medical Treatment Incidence Rate = MTOs X 200,000 Restricted Work Incidence Rate = RWCs X 200,000 Lost Time Incidence Rate = LTIs + FTLs X 200,000 DART Incidence Rate = LTIs + RWC X 200,000 Recordable Incidence Rate = RCRD X 200,000

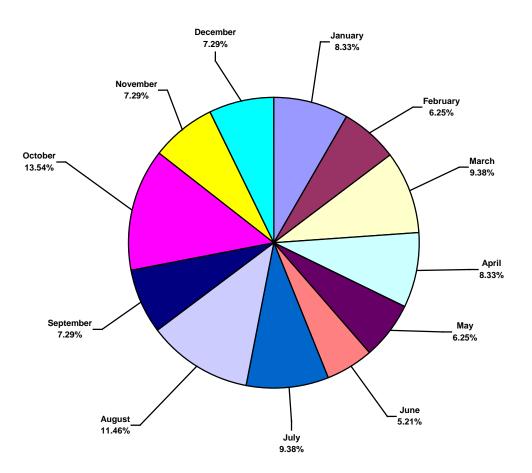
Lost Time Frequency Rate = LTIs +FTLs X 1,000,000 DART Frequency Rate = LTIs + RWC X 1,000,000 Recordable Frequency Rate = RCRD X 1,000,000



European Land Total Incidence Rates vs Man-hours (Figure 1)

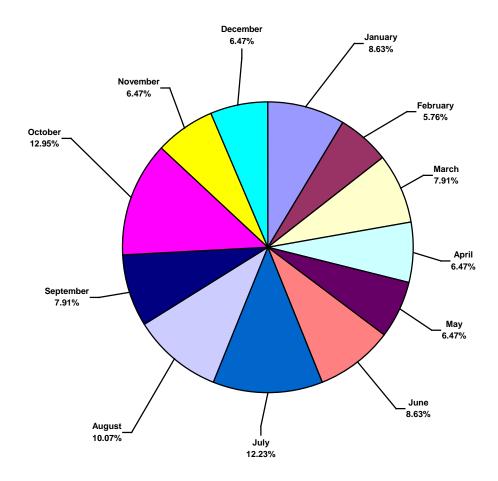


IADC 2013 European Land Charts European Land Total Lost Time Incidents by Month (Chart 1) Based on 96 Incidents



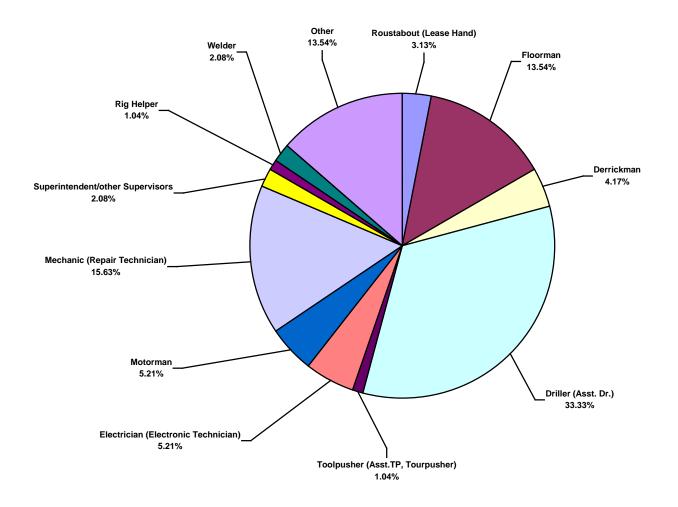


European Land Total Recordable Incidents by Month (Chart 2) Based on 139 Incidents

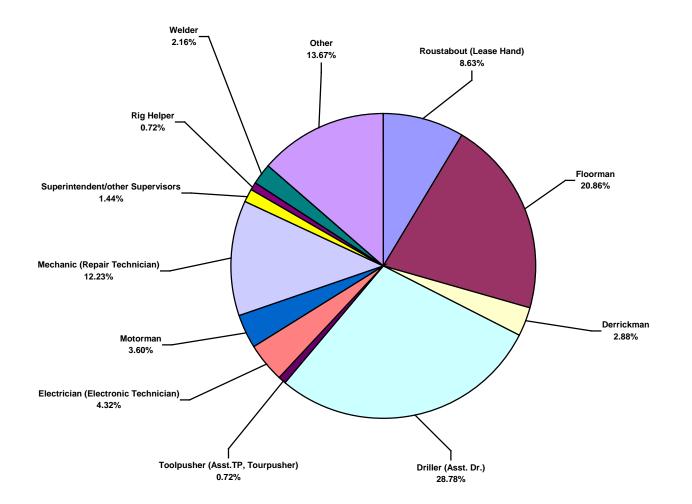




European Land Total Lost Time Incidents by Occupation (Chart 3) Based on 96 Incidents



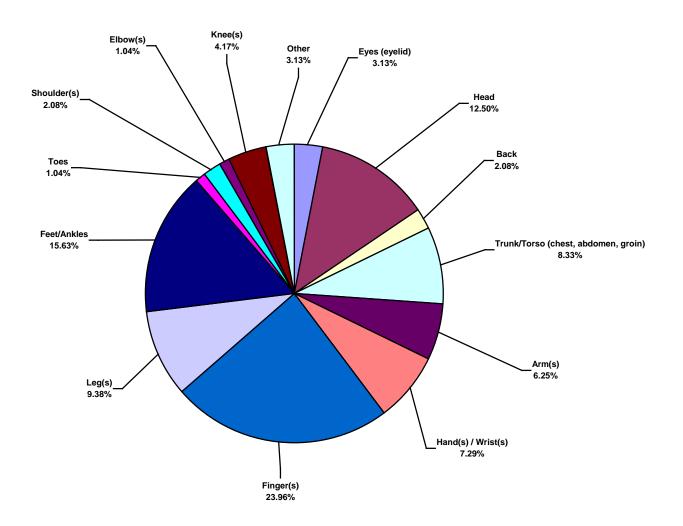




European Land Total Recordable Incidents by Occupation (Chart 4) Based on 139 Incidents

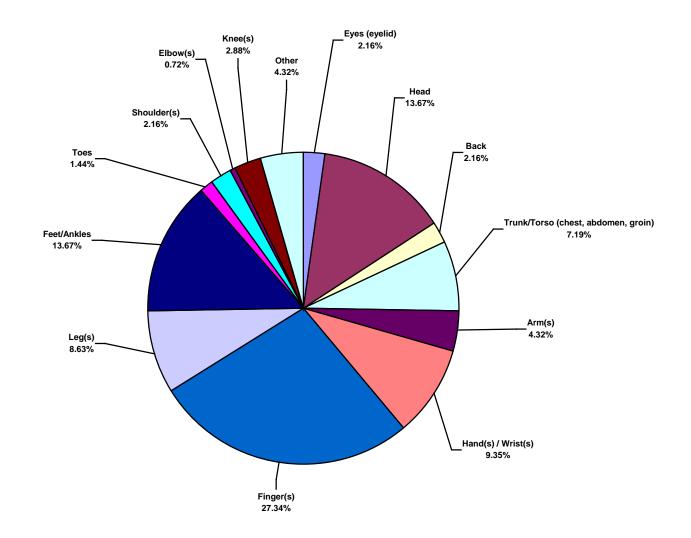


European Land Total Lost Time Incidents by Body Part (Chart 5) Based on 96 Incidents





European Land Total Recordable Incidents by Body Part (Chart 6) Based on 139 Incidents



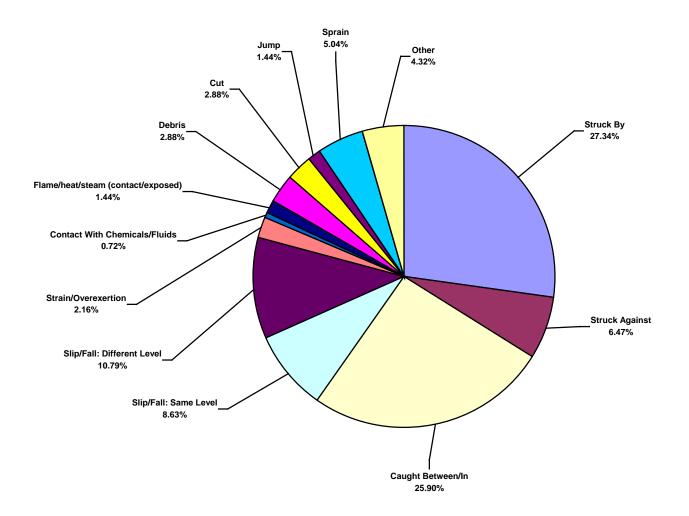


Sprain 5.21% Cut Jump 1.04% 2.08% Debris Other 3.13% 3.13% Struck By 25.00% Flame/heat/steam (contact/exposed) 1.04% **Contact With Chemicals/Fluids** 1.04% Strain/Overexertion 2.08% Struck Against 9.38% Slip/Fall: Different Level 12.50% Slip/Fall: Same Level 11.46% Caught Between/In 22.92%

European Land Total Lost Time Incidents by Incident Type (Chart 7) Based on 96 Incidents

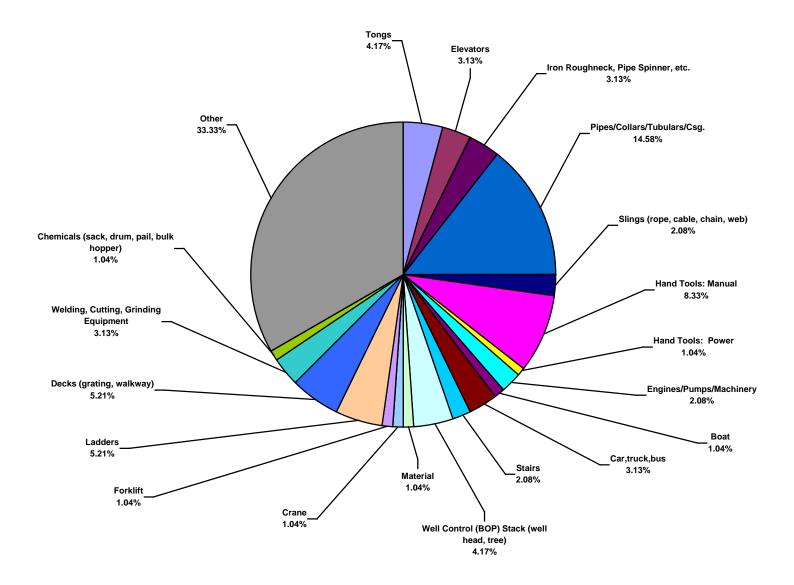


European Land Total Recordable Incidents by Incident Type (Chart 8) Based on 139 Incidents



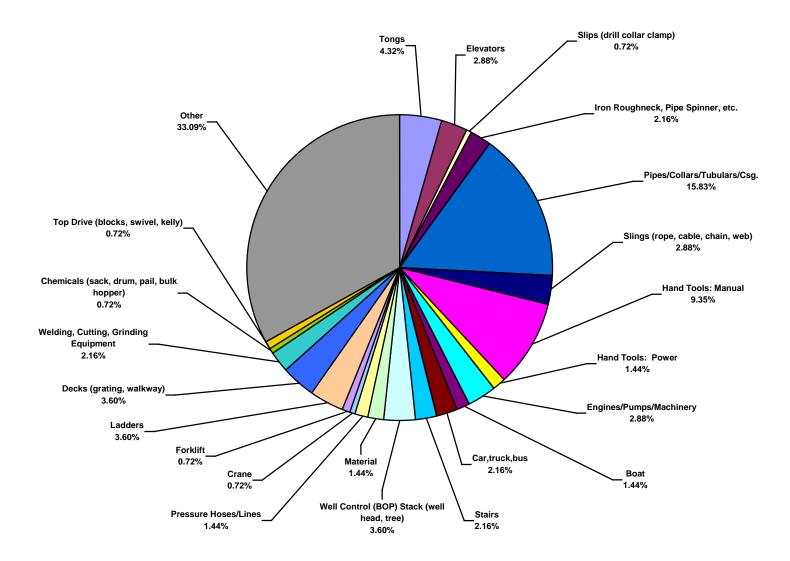


European Land Total Lost Time Incidents by Equipment (Chart 9) Based on 96 Incidents





European Land Total Recordable Incidents by Equipment (Chart 10) Based on 139 Incidents



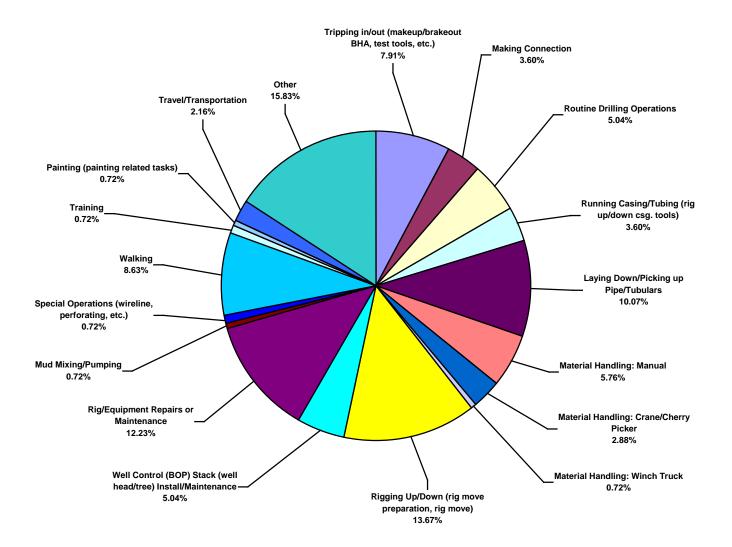


Tripping in/out (makeup/brakeout BHA, test tools, etc.) Other 9.38% Making Connection 18.75% Travel/Transportation 4.17% 2.08% **Routine Drilling Operations** 2.08% Painting (painting related tasks) 1.04% Running Casing/Tubing (rig up/down csg. tools) 3.13% Walking Laying Down/Picking up 12.50% Pipe/Tubulars 10.42% Material Handling: Manual 4.17% **Rig/Equipment Repairs or** Maintenance 11.46% Material Handling: Crane/Cherry Picker 2.08% Material Handling: Winch Truck Well Control (BOP) Stack (well Rigging Up/Down (rig move 1.04% head/tree) Install/Maintenancepreparation, rig move) 13.54% 4.17%

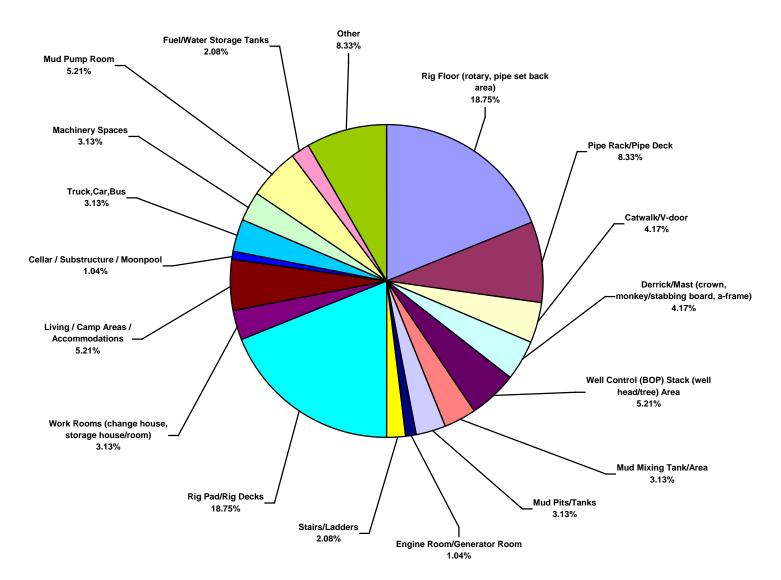
European Land Total Lost Time Incidents by Operation (Chart 11) Based on 96 Incidents



European Land Total Recordable Incidents by Operation (Chart 12) Based on 139 Incidents

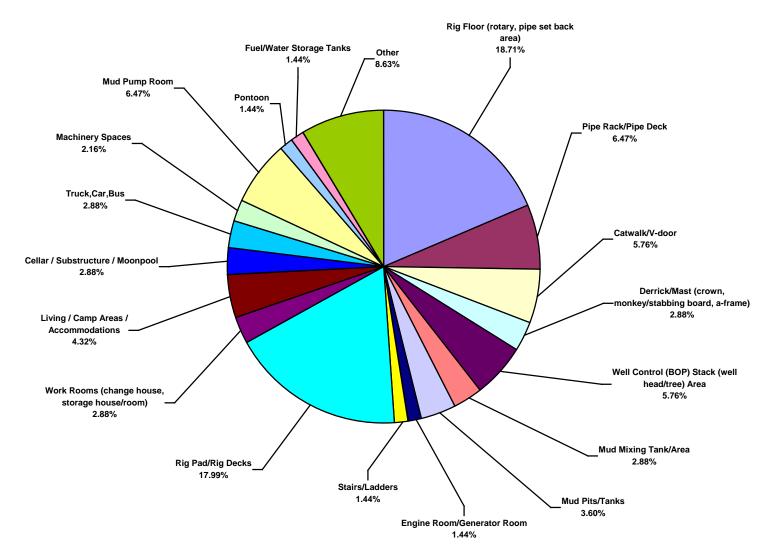






European Land Total Lost Time Incidents by Location (Chart 13) Based on 96 Incidents

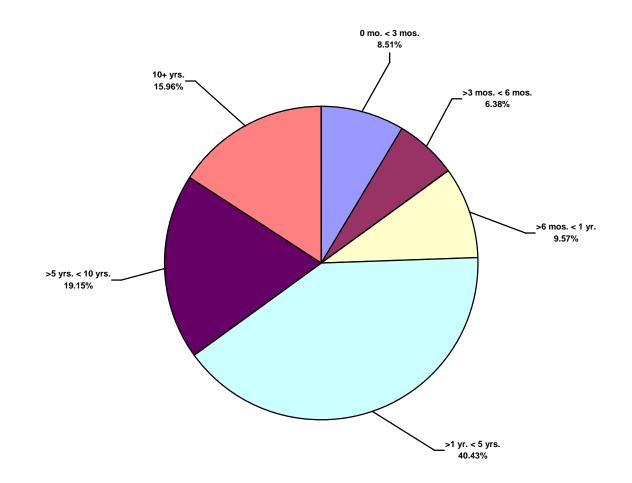




European Land Total Recordable Incidents by Location (Chart 14) Based on 139 Incidents

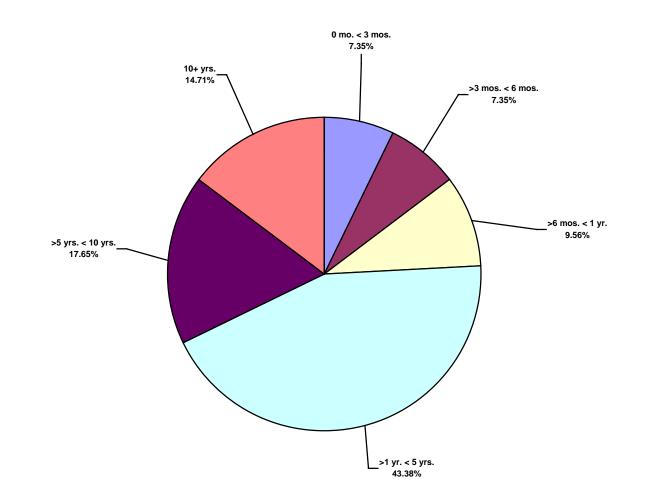


European Land Total Lost Time Incidents by Time in Service (Chart 15) Based on 94 Incidents

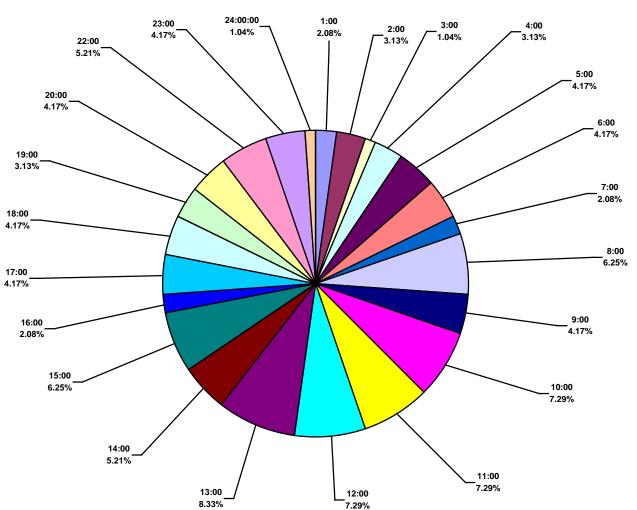




European Land Total Recordable Incidents by Time in Service (Chart 16) Based on 136 Incidents

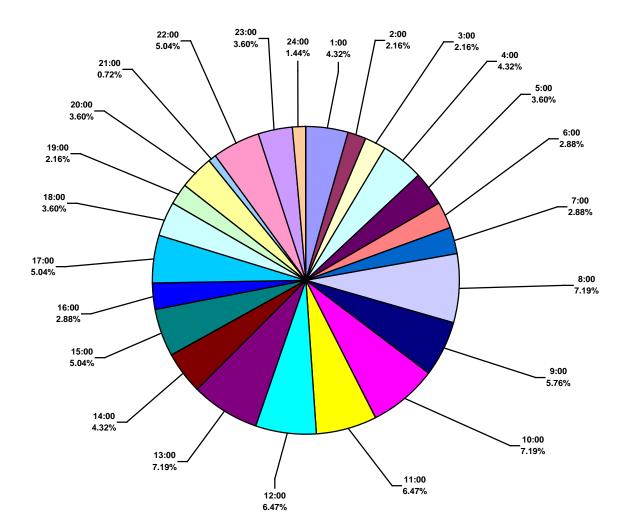






European Land Total Lost Time Incidents by Time of Day (Chart 17) Based on 96 Incidents





European Land Total Recordable Incidents by Time of Day (Chart 18) Based on 139 Incidents