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IADC 2015 European Land Totals (Table 1)

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
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<tr>
<td>Total Man-hours</td>
<td>42,911,869</td>
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<tr>
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<tr>
<td>Total Restricted Work Incidents</td>
<td>6</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>30</td>
</tr>
<tr>
<td>Total Fatalities</td>
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<tr>
<td>Total Recordables</td>
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<table>
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<td>RWC Incidence Rate</td>
<td>0.03</td>
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<tr>
<td>LTI Incidence Rate</td>
<td>0.15</td>
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<tr>
<td>LTI Frequency Rate</td>
<td>0.75</td>
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<tr>
<td>DART Incidence Rate</td>
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<tr>
<td>DART Frequency Rate</td>
<td>0.89</td>
</tr>
<tr>
<td>Recordable Incidence Rate</td>
<td>0.23</td>
</tr>
<tr>
<td>Recordable Frequency Rate</td>
<td>1.14</td>
</tr>
</tbody>
</table>

Companies Reporting: Land – 13

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 2015 European Land Charts
European Land Total Lost Time Incidents by Month (Chart 1)
Based on 30 Incidents

January 23.33%

February 6.67%

March 10.00%

April 6.67%

May 3.33%

June 3.33%

August 3.33%

September 10.00%

October 6.67%

November 16.67%

December 10.00%
European Land Total Recordable Incidents by Month (Chart 2)
Based on 49 Incidents

- January: 18.37%
- February: 4.08%
- March: 10.20%
- April: 8.16%
- May: 10.20%
- June: 2.04%
- July: 12.24%
- August: 4.08%
- September: 12.24%
- October: 4.08%
- November: 12.24%
- December: 14.29%
European Land Total Lost Time Incidents by Occupation (Chart 3)
Based on 30 Incidents

- Mechanic (Repair Technician): 16.67%
- Motorman: 6.67%
- Toolpusher (Asst. TP, Tourpusher): 3.33%
- Driller (Asst. Dr.): 36.67%
- Rig Helper: 6.67%
- Roustabout (Lease Hand): 6.67%
- Floorman: 13.33%
- Derrickman: 10.00%
European Land Total Recordable Incidents by Occupation (Chart 4)
Based on 49 Incidents

- Catering Personnel (Camp Staff) 2.04%
- Rig Helper 4.08%
- Truck Driver (Truck Pusher) 2.04%
- Mechanic (Repair Technician) 16.33%
- Motorman 4.08%
- Electrician (Electronic Technician) 8.16%
- Toolpusher (Asst.TP, Tourpusher) 2.04%
- Driller (Asst. Dr.) 30.61%
- Roustabout (Lease Hand) 8.16%
- Floorman 16.33%
- Derrickman 6.12%
European Land Total Lost Time Incidents by Body Part (Chart 5)
Based on 30 Incidents

- Digestive/Internal: 3.33%
- Feet/Ankles: 13.33%
- Head: 3.33%
- Eyes (eyelid): 6.67%
- Fingers: 26.67%
- Hand(s) / Wrist(s): 10.00%
- Back: 10.00%
- Trunk/Torso (chest, abdomen, groin): 16.67%
- Legs: 10.00%
European Land Total Recordable Incidents by Body Part (Chart 6)
Based on 48 Incidents

- Finger(s): 29.17%
- Hand(s) / Wrist(s): 12.50%
- Trunk/Torso (chest, abdomen, groin): 10.42%
- Back: 6.25%
- Head: 8.33%
- Eyes (eyelid): 6.25%
- Eyes (eyelid): 6.25%
- Back: 6.25%
- Head: 8.33%
- Digestive/Internal: 4.17%
- Feet/Ankles: 14.58%
- Leg(s): 6.25%
- Knee(s): 2.08%
European Land Total Lost Time Incidents by Incident Type (Chart 7)
Based on 30 Incidents

- Caught On: 3.33%
- Cut: 3.33%
- Debris: 3.33%
- Flame/heat/steam (contact/exposed): 3.33%
- Contact With Chemicals/Fluids: 3.33%
- Struck Against: 3.33%
- Struck By: 10.00%
- Caught Between/In: 36.67%
- Slip/Fall: Different Level: 30.00%
- Slip/Fall: Same Level: 3.33%
European Land Total Recordable Incidents by Incident Type (Chart 8)
Based on 49 Incidents

- Caught Between/In: 32.65%
- Struck By: 12.24%
- Struck Against: 4.08%
- Slip/Fall: Different Level: 24.49%
- Slip/Fall: Same Level: 4.08%
- Cut: 8.16%
- Sprain: 2.04%
- Caught On: 2.04%
- Debris: 2.04%
- Flame/heat/steam (contact/exposed): 2.04%
- Electrical Shock: 2.04%
- Contact With Chemicals/Fluids: 2.04%
- Strain/Overexertion: 2.04%
- Slip/Fall: Same Level: 4.08%
European Land Total Lost Time Incidents by Equipment (Chart 9)
Based on 29 Incidents

- Rig Floor Winch/Deck Winch (air/hydraulic): 3.45%
- Top Drive (blocks, swivel, kelly): 3.45%
- Chemicals (sack, drum, pail, bulk hopper): 3.45%
- Decks (grating, walkway): 6.90%
- Ladders: 13.79%
- Crane: 10.34%
- Pressure Hoses/Lines: 6.90%
- Material: 6.90%
- Hand Tools: Manual: 6.90%
- Stairs: 6.90%
- Slings (rope, cable, chain, web): 3.45%
- Iron Roughneck, Pipe Spinner, etc.: 3.45%
- Pipes/Collars/Tubulars/Csg.: 3.45%
- Engines/Pumps/Machinery: 10.34%
- Well Control (BOP) Stack (well head, tree): 6.90%
Rig Floor Winch/Deck Winch (air/hydraulic) 2.22%
Tongs 11.11%
Iron Roughneck, Pipe Spinner, etc. 2.22%
Pipes/Collars/Tubulars/Csg. 8.89%
Slings (rope, cable, chain, web) 2.22%
Hand Tools: Manual 8.89%
Engines/Pumps/Machinery 8.89%
Car, truck, bus 2.22%
Stairs 8.89%

Material 6.67%
Well Control (BOP) Stack (well head, tree) 6.67%
Crane 6.67%
Ladders 8.89%
Decks (grating, walkway) 4.44%
Chemicals (sack, drum, pail, bulk hopper) 2.22%
Top Drive (blocks, swivel, kelly) 4.44%
Pressure Hoses/Lines 4.44%

European Land Total Lost Time Incidents by Operation (Chart 11)
Based on 30 Incidents

Walking 20.00%
Mud Mixing/Pumping 3.33%
Rig/Equipment Repairs or Maintenance 23.33%
Well Control (BOP) Stack (well head/tree) Install/Maintenance 6.67%
Tripping in/out (makeup/brakeout BHA, test tools, etc.) 6.67%
Laying Down/Picking up Pipe/Tubulars 10.00%
Material Handling: Manual 6.67%
Material Handling: Crane/C Picker 10.00%
Rigging Up/Down (rig move preparation, rig move) 13.33%
European Land Total Recordable Incidents by Operation (Chart 12)
Based on 45 Incidents

- Walking: 15.56%
- Mud Mixing/Pumping: 2.22%
- Rig/Equipment Repairs or Maintenance: 28.89%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 4.44%
- Tripping in/out (makeup/brakeout BHA, test tools, etc.): 11.11%
- Running Casing/Tubing (rig up/down csg. tools): 2.22%
- Laying Down/Picking up Pipe/Tubulars: 11.11%
- Material Handling: Manual: 4.44%
- Material Handling: Crane/Cherry Picker: 6.67%
- Rigging Up/Down (rig move preparation, rig move): 13.33%
- Material Handling: Manual: 4.44%
European Land Total Lost Time Incidents by Location (Chart 13)
Based on 30 Incidents

- Rig Floor (rotary, pipe set back area): 13.33%
- Well Control (BOP) Stack (well head/tree) Area: 13.33%
- Rig Pad/Rig Decks: 10.00%
- Mud Pump Room: 6.67%
- Catwalk/V-door: 6.67%
- Engine Room/Generator Room: 6.67%
- Truck, Car, Bus: 6.67%
- Mud Mixing Tank/Area: 6.67%
- Mud Pits/Tanks: 3.33%
- Living/Camp Areas/Accommodations: 13.33%
- Work Rooms (change house, storage house/room): 3.33%
- Stairs/Ladders: 3.33%
European Land Total Recordable Incidents by Location
(Chart 14)
Based on 48 Incidents

Pipe Rack/ Pipe Deck 8.33%
Well Control (BOP) Stack (well head/tree) Area 10.42%
Truck, Car, Bus 6.25%
Rig Floor (rotary, pipe set back area) 16.67%
Mud Pump Room 6.25%
Machinery Spaces 2.08%
Living / Camp Areas / Accommodations 12.50%
Work Rooms (change house, storage house/room) 6.25%
Rig Pad/Rig Decks 6.25%
Stairs/Ladders 4.17%
Engine Room/Generator Room 4.17%
Mud Pits/Tanks 2.08%
Shale Shaker 4.17%
Mud Mixing Tank/Area 4.17%
Catwalk/V-door 6.25%
Rig Pad/Rig Decks 6.25%
Machinery Spaces 2.08%
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European Land Total Lost Time Incidents by Time in Service (Chart 15)
Based on 29 Incidents

- >1 yr. < 5 yrs.: 51.72%
- >6 mos. < 1 yr.: 10.34%
- >5 yrs. < 10 yrs.: 17.24%
- 10+ yrs.: 20.69%
European Land Total Recordable Incidents by Time in Service (Chart 16)
Based on 48 Incidents

- >1 yr. < 5 yrs.: 50.00%
- >5 yrs. < 10 yrs.: 20.83%
- 10+ yrs.: 22.92%
- >6 mos. < 1 yr.: 6.25%

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European Land Total Lost Time Incidents by Time of Day (Chart 17)
Based on 30 Incidents

- 12:00: 13.33%
- 13:00: 10.00%
- 14:00: 6.67%
- 15:00: 6.67%
- 16:00: 3.33%
- 17:00: 3.33%
- 18:00: 6.67%
- 19:00: 3.33%
- 20:00: 3.33%
- 21:00: 6.67%
- 22:00: 3.33%
- 23:00: 6.67%
- 24:00: 3.33%
- 00:00: 3.33%
- 01:00: 6.67%
- 02:00: 3.33%
- 03:00: 3.33%
- 04:00: 3.33%
- 05:00: 3.33%
- 06:00: 3.33%
European Land Total Recordable Incidents by Time of Day (Chart 18)
Based on 49 Incidents

- 24:00:00, 4.08%
- 23:00, 4.08%
- 22:00, 2.04%
- 21:00, 6.12%
- 20:00, 2.04%
- 19:00, 2.04%
- 18:00, 6.12%
- 17:00, 10.20%
- 16:00, 4.08%
- 15:00, 4.08%
- 14:00, 6.12%
- 13:00, 4.08%
- 12:00, 10.20%
- 11:00, 8.16%
- 10:00, 2.04%
- 9:00, 10.20%
- 8:00, 2.04%
- 7:00, 2.04%
- 6:00, 2.04%
- 5:00, 2.04%
- 4:00, 4.08%
- 3:00, 4.08%
- 2:00, 4.08%
- 1:00, 4.08%
- 12:00, 2.04%
- 11:00, 6.12%
European Land Total Lost Time Incidents by Age (Chart 19)
Based on 27 Incidents

- 56 - 65: 22.22%
- 46 - 55: 18.52%
- 36 - 45: 22.22%
- 26 - 35: 18.52%
- 18 - 25: 18.52%
European Land Total Recordable Incidents by Age (Chart 20)
Based on 45 Incidents

- 18 - 25: 20.00%
- 26 - 35: 22.22%
- 36 - 45: 22.22%
- 46 - 55: 17.78%
- 56 - 65: 17.78%