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IADC 2018 European Water Totals (Table 1)

<table>
<thead>
<tr>
<th>Total</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Total Man-hours</td>
<td>26,717,692</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>26</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>26</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>15</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>67</td>
</tr>
</tbody>
</table>

- MTO Incidence Rate = 0.19
- RWC Incidence Rate = 0.19
- LTI Incidence Rate = 0.11
- LTI Frequency Rate = 0.56
- DART Incidence Rate = 0.31
- DART Frequency Rate = 1.53
- Recordable Incidence Rate = 0.50
- Recordable Frequency Rate = 2.51

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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 Water Total Incidence Rates vs Man-hours (Figure 1)
IADC 2018 European Water Charts
European Water Total Lost Time Incidents by Month (Chart 1)
Based on 15 Incidents

- February: 26.67%
- March: 13.33%
- April: 20.00%
- November: 13.33%
- September: 6.67%
- December: 13.33%
- January: 6.67%
European Water Total Recordable Incidents by Month (Chart 2)
Based on 66 Incidents

- January: 4.55%
- February: 10.61%
- March: 7.58%
- April: 10.61%
- May: 6.06%
- June: 6.06%
- July: 3.03%
- August: 7.58%
- September: 9.09%
- October: 6.06%
- November: 10.61%
- December: 18.18%
European Water Total Lost Time Incidents by Occupation (Chart 3)
Based on 15 Incidents

- Roustabout (Lease Hand) 26.67%
- Floorman 40.00%
- Motorman 13.33%
- Catering Personnel (Camp Staff) 6.67%
- Deck Supervisor (Deck Coordinator) 6.67%
- Electrician (Electronic Technician) 6.67%
European Water Total Recordable Incidents by Occupation (Chart 4)
Based on 64 Incidents

- **Roustabout (Lease Hand)**: 28.13%
- **Floorman**: 18.75%
- **Motorman**: 6.25%
- **Mechanic**: 9.38%
- **Electrician**: 4.69%
- **Toolpusher (Asst.TP, Tourpusher)**: 1.56%
- **Driller (Asst. Dr.)**: 4.69%
- **Derrickman**: 3.13%
- **Crane / Forklift Operator**: 3.13%
- **Catering / Camp Personnel**: 3.13%
- **Subsea Engineer**: 3.13%
- **Deck Supervisor (Deck Coordinator)**: 3.13%
- **Marine Crew**: 1.56%
- **Welder**: 1.56%
- **Rig Helper**: 6.25%
- **Subsea Engineer**: 3.13%
- **Deck Supervisor (Deck Coordinator)**: 3.13%
- **Catering / Camp Personnel**: 3.13%
- **Maintenance Super**: 1.56%
European Water Total Lost Time Incidents by Body Part (Chart 5)
Based on 15 Incidents

- Elbow(s) 6.67%
- Arm(s) 13.33%
- Trunk/Torso (chest, abdomen, groin) 13.33%
- Head 6.67%
- Hand(s) / Wrist(s) 13.33%
- Feet/Ankles 20.00%
- Leg(s) 6.67%
- Finger(s) 20.00%

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European Water Total Recordable Incidents by Body Part (Chart 6)
Based on 66 Incidents

- Finger(s) 25.76%
- Hand(s) / Wrist(s) 15.15%
- Shoulder(s) 3.03%
- Elbow(s) 3.03%
- Knee(s) 1.52%
- Eyes (eyelid) 1.52%
- Toes 1.52%
- Feet/Ankles 12.12%
- Leg(s) 7.58%
- Trunk/Torso (chest, abdomen, groin) 7.58%
- Arm(s) 4.55%
- Back 6.06%
- Head 10.61%
European Water Total Lost Time Incidents by Incident Type (Chart 7)
Based on 15 Incidents

- Slip/Fall: Different Level 20.00%
- Struck By 20.00%
- Caught Between/In 26.67%
- Slip/Fall: Same Level 33.33%
European Water Total Recordable Incidents by Incident Type (Chart 8)
Based on 62 Incidents

- Struck By: 16.13%
- Struck Against: 4.84%
- Caught Between/In: 29.03%
- Slip/Fall: Same Level: 19.35%
- Slip/Fall: Different Level: 6.45%
- Strain/Overexertion: 6.45%
- Contact With Chemicals/Fluids: 3.23%
- Sprain: 3.23%
- Cut: 11.29%
- Contact With Chemicals/Fluids: 3.23%
- Sprain: 3.23%
- Struck By: 16.13%
- Struck Against: 4.84%
- Caught Between/In: 29.03%
- Slip/Fall: Same Level: 19.35%
- Slip/Fall: Different Level: 6.45%
- Strain/Overexertion: 6.45%
- Contact With Chemicals/Fluids: 3.23%
- Sprain: 3.23%
European Water Total Lost Time Incidents by Equipment (Chart 9)
Based on 15 Incidents

- Decks (grating, walkway): 20.00%
- Pressure Hoses/Lines: 6.67%
- Stairs: 13.33%
- Engines/Pumps/Machinery: 6.67%
- Pipelines/Collars/Tubulars/Csg.: 13.33%
- Slings (rope, cable, chain, web): 13.33%
- Chemicals (sack, drum, pail, bulk hopper): 6.67%
- Rotary: 6.67%
European Water Total Recordable Incidents by Equipment (Chart 10)
Based on 62 Incidents

- Rig Floor Winch/Deck Winch (air/hydraulic) 1.61%
- Boat Cargo (skids, tubulars, containers, etc.) 1.61%
- Stairs 4.84%
- Pressure Hoses/Lines 4.84%
- Rotory 1.61%
- Pipe/Collars/Tubulars/Csg. 8.06%
- Slings (rope, cable, chain, web) 8.06%
- Elevators 4.84%
- Tongs 1.61%
- Engines/Pumps/Machinery 4.84%
- Material 9.68%
- Crane 12.90%
- Decks (grating, walkway) 16.13%
- BOP Stack (well head, tree) 4.84%
- Hand Tools: Manual 11.29%
- Slings (rope, cable, chain, web) 8.06%
- Crane 12.90%
European Water Total Lost Time Incidents by Operation (Chart 11)
Based on 15 Incidents

- Rigging Up/Down: 6.67%
- Material Handling: Crane/Cherry Picker: 6.67%
- Material Handling: Manual: 20.00%
- Laying Down/Picking up Tubulars: 13.33%
- Routine Drilling Oper.: 13.33%
- Tripping in/out: 6.67%
- Walking: 13.33%
- Equipment Repairs or Maintenance: 20.00%
- Rigging Up/Down: 6.67%
- Material Handling: Crane/Cherry Picker: 6.67%
European Water Total Recordable Incidents by Operation (Chart 12)
Based on 64 Incidents

- Walking: 12.50%
- Mud Mixing/Pumping: 1.56%
- Rigging Up/Down: 3.13%
- BOP Stack Install/Maintenance: 3.13%
- Equipment Repairs or Maintenance: 15.63%
- Tripping In/Out: 7.81%
- Routine Drilling Oper.: 14.06%
- Running Casing/Tubing: 1.56%
- Laying Down/Picking up Tubulars: 9.38%
- Material Handling: Manual: 20.31%
- Material Handling: Crane/Cherry Picker: 10.94%
European Water Total Lost Time Incidents by Location (Chart 13)
Based on 15 Incidents

- Living/Camp Areas/Accommodations: 6.67%
- Rig Pad/Rig Decks: 6.67%
- Mud Mixing Tank/Area: 6.67%
- Derrick/Mast: 6.67%
- Pipe Rack/Pipe Deck: 13.33%
- Rig Floor: 20.00%
- Cherry Picker/Crane: 6.67%
- Mud Pits/Tanks: 6.67%
- Stairs/Ladders: 13.33%
- Mud Pump Room: 13.33%
- Mud Mixing Tank/Area: 6.67%
- Rig Floor: 20.00%
- Cherry Picker/Crane: 6.67%
European Water Total Recordable Incidents by Location (Chart 14)
Based on 63 Incidents

- Rig Floor: 19.05%
- Pipe Rack/Pipe Deck: 22.22%
- Rig Pad/Rig Decks: 9.52%
- Rig Floor: 19.05%
- Stairs/Ladders: 4.76%
- Engine Generator Room: 1.59%
- Mud Pits/Tanks: 3.17%
- Shale Shaker: 4.76%
- Mud Mixing Tank/Area: 1.59%
- BOP Stack /well head/tree Area: 4.76%
- Catwalk/V-door: 4.76%
- Derrick/Mast: 1.59%
- Machinery Spaces: 3.17%
- Cellar / Sub / Moonpool: 4.76%
- Living/Camp Areas/Accommodations: 3.17%
- Work Rooms change, storage, room: 4.76%
- Cherry Picker/Crane: 1.59%
- Mud Pump Room: 4.76%
- Catwalk/V-door: 4.76%
- Rig Floor: 19.05%
- Pipe Rack/Pipe Deck: 22.22%
- Rig Pad/Rig Decks: 9.52%
- Stairs/Ladders: 4.76%
- Engine Generator Room: 1.59%
- Mud Pits/Tanks: 3.17%
- Shale Shaker: 4.76%
- Mud Mixing Tank/Area: 1.59%
- BOP Stack /well head/tree Area: 4.76%
- Catwalk/V-door: 4.76%
- Derrick/Mast: 1.59%
- Machinery Spaces: 3.17%
- Cellar / Sub / Moonpool: 4.76%
- Living/Camp Areas/Accommodations: 3.17%
- Work Rooms change, storage, room: 4.76%
- Cherry Picker/Crane: 1.59%
- Mud Pump Room: 4.76%
European Water Total Lost Time Incidents by Time in Service (Chart 15)
Based on 15 Incidents

<table>
<thead>
<tr>
<th>Time in Service</th>
<th>Percentage</th>
</tr>
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<tbody>
<tr>
<td>&gt;3 mos. &lt; 6 mos.</td>
<td>20.00%</td>
</tr>
<tr>
<td>&gt;6 mos. &lt; 1 yr.</td>
<td>6.67%</td>
</tr>
<tr>
<td>&gt;1 yr. &lt; 5 yrs.</td>
<td>46.67%</td>
</tr>
<tr>
<td>&gt;5 yrs. &lt; 10 yrs.</td>
<td>13.33%</td>
</tr>
<tr>
<td>10+ yrs.</td>
<td>13.33%</td>
</tr>
</tbody>
</table>

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European Water Total Recordable Incidents by Time in Service (Chart 16)
Based on 63 Incidents

- 10+ yrs. 20.63%
- >5 yrs. < 10 yrs. 23.81%
- >1 yr. < 5 yrs. 30.16%
- >6 mos. < 1 yr. 7.94%
- >3 mos. < 6 mos. 11.11%
- 0 mo. < 3 mos. 6.35%

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European Water Total Recordable Incidents by Time of Day (Chart 18)
Based on 65 Incidents

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European Water Total Lost Time Incidents by Age (Chart 19)
Based on 15 Incidents

- 26 - 35: 46.67%
- 36 - 45: 20.00%
- 46 - 55: 13.33%
- 56 - 65: 13.33%
- 18 - 25: 6.67%
European Water Total Recordable Incidents by Age (Chart 20)
Based on 60 Incidents

- 56 - 65: 11.67%
- 46 - 55: 18.33%
- 36 - 45: 26.67%
- 26 - 35: 38.33%
- 18 - 25: 5.00%