ISSP PROGRAM
2015

Summary of Occupational Incidents
(Central America & Caribbean Land Totals)

Issued 15 July 2016
Table of Contents

(Table of Contents is Hyperlinked, Just click on Topic & go)

IADC 2015 CENTRAL AMERICA & CARIBBEAN LAND TOTALS (TABLE 1) ................................................ 1
Central America & Caribbean Land Total Incidence Rates vs Man-hours (Figure 1) ........................................ 1
IADC 2015 CENTRAL AMERICA & CARIBBEAN LAND CHARTS ................................................................. 2
Central America & Caribbean Land Total Lost Time Incidents by Month (Chart 1) ........................................ 2
Central America & Caribbean Land Total Lost Time Incidents by Occupation (Chart 2) ............................... 3
Central America & Caribbean Land Total Lost Time Incidents by Body Part (Chart 3) ................................. 4
Central America & Caribbean Land Total Lost Time Incidents by Equipment (Chart 4) ............................... 5
Central America & Caribbean Land Total Lost Time Incidents by Operation (Chart 5) ............................... 6
Central America & Caribbean Land Total Recordable Incidents by Body Part (Chart 6) ............................ 7
Central America & Caribbean Land Total Recordable Incidents by Equipment (Chart 7) ............................ 8
Central America & Caribbean Land Total Recordable Incidents by Operation (Chart 8) ............................ 9
Central America & Caribbean Land Total Lost Time Incidents by Location (Chart 9) ............................... 10
Central America & Caribbean Land Total Lost Time Incidents by Time in Service (Chart 10) ...................... 11
Central America & Caribbean Land Total Lost Time Incidents by Time of Day (Chart 11) ......................... 12
Central America & Caribbean Land Total Recordable Incidents by Location (Chart 12) ............................ 13
Central America & Caribbean Land Total Recordable Incidents by Time in Service (Chart 13) ................... 14
Central America & Caribbean Land Total Recordable Incidents by Time of Day (Chart 14) ....................... 15
Central America & Caribbean Land Total Lost Time Incidents by Age (Chart 15) ..................................... 16
Central America & Caribbean Land Total Recordable Incidents by Age (Chart 16) ................................. 17
Central America & Caribbean Land Total Lost Time Incidents by Time (Chart 17) ................................. 18
Central America & Caribbean Land Total Recordable Incidents by Time (Chart 18) ............................... 19
Central America & Caribbean Land Total Lost Time Incidents by Operation (Chart 19) .......................... 20
Central America & Caribbean Land Total Recordable Incidents by Operation (Chart 20) ......................... 21
IADC 2015 CENTRAL AMERICA & CARIBBEAN LAND PARTICIPANT DETAIL BY CATEGORY (TABLE 2) 22
IADC 2015 Central America & Caribbean Land Totals (Table 1)

<table>
<thead>
<tr>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Manhours</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
</tr>
<tr>
<td>Total Fatalities</td>
</tr>
<tr>
<td>Total Recordables</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incidence Rate</th>
<th>Rate</th>
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</thead>
<tbody>
<tr>
<td>MTO Incidence Rate</td>
<td>0.49</td>
</tr>
<tr>
<td>RWC Incidence Rate</td>
<td>0.11</td>
</tr>
<tr>
<td>LTI Incidence Rate</td>
<td>0.98</td>
</tr>
<tr>
<td>LTI Frequency Rate</td>
<td>4.92</td>
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<tr>
<td>DART Incidence Rate</td>
<td>1.09</td>
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<tr>
<td>DART Frequency Rate</td>
<td>5.47</td>
</tr>
<tr>
<td>Recordable Incidence Rate</td>
<td>1.59</td>
</tr>
<tr>
<td>Recordable Frequency Rate</td>
<td>7.93</td>
</tr>
</tbody>
</table>

Companies Reporting: Land – 6

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
Lost Time Frequency Rate = LTIs + FTLs X 1,000,000
DART Incidence Rate = LTIs + RWC X 200,000
DART Frequency Rate = LTIs + RWC X 1,000,000
Recordable Incidence Rate = RCRD X 200,000
Recordable Frequency Rate = RCRD X 1,000,000

Central America & Caribbean Land Total Incidence Rates vs Man-hours (Figure 1)
IADC 2015 Central America & Caribbean Land Charts
Central America & Caribbean Land Total Lost Time Incidents by Month (Chart 1)
Based on 18 Incidents

- January: 5.56%
- February: 5.56%
- March: 5.56%
- April: 16.67%
- May: 11.11%
- June: 11.11%
- July: 11.11%
- August: 11.11%
- September: 11.11%
- October: 5.56%
- November: 5.56%
- December: 5.56%
Central America & Caribbean Land Total Recordable Incidents by Month (Chart 2)
Based on 30 Incidents

- January: 3.33%
- February: 3.33%
- March: 3.33%
- April: 16.67%
- May: 16.67%
- June: 13.33%
- July: 10.00%
- August: 6.67%
- September: 13.33%
- October: 6.67%
- November: 3.33%
- December: 3.33%
- March: 3.33%
- April: 16.67%
- May: 16.67%
Central America & Caribbean Land Total Lost Time Incidents by Occupation (Chart 3)
Based on 18 Incidents

- Mechanic (Repair Technician): 11.11%
- Floorman: 22.22%
- Driller (Asst. Dr.): 5.56%
- Derrickman: 22.22%
- Roustabout (Lease Hand): 38.89%
- Floorman: 22.22%
Central America & Caribbean Recordable Incidents by Occupation (Chart 4)
Based on 30 Incidents

- Floorman: 36.67%
- Roustabout (Lease Hand): 26.67%
- Derrickman: 20.00%
- Mechanic (Repair Technician): 6.67%
- Motorman: 3.33%
- Driller (Asst. Dr.): 3.33%
- Electrician (Electronic Technician): 3.33%

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Central America & Caribbean Land Total Lost Time Incidents by Body Part (Chart 5)
Based on 18 Incidents

- Shoulder(s) 5.56%
- Feet/Ankles 16.67%
- Finger(s) 33.33%
- Hand(s) / Wrist(s) 5.56%
- Trunk/Torso (chest, abdomen, groin) 16.67%
- Back 11.11%
- Eyes (eyelid) 11.11%
Central America & Caribbean Land Total Recordable Incidents by Body Part (Chart 6)
Based on 30 Incidents

- Finger(s): 26.67%
- Hand(s) / Wrist(s): 13.33%
- Shoulder(s): 3.33%
- Elbow(s): 3.33%
- Knee(s): 3.33%
- Feet/Ankles: 10.00%
- Eyes (eyelid): 6.67%
- Head: 6.67%
- Back: 6.67%
- Trunk/Torso (chest, abdomen, groin): 20.00%
Central America & Caribbean Land Total Lost Time Incidents by Incident Type (Chart 7)
Based on 18 Incidents

- Sprain: 11.11%
- Contact With Chemicals/Fluids: 11.11%
- Slip/Fall: Same Level: 16.67%
- Caught Between/In: 27.78%
- Struck By: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Incident Type (Chart 8)
Based on 30 Incidents

- Caught Between/In: 30.00%
- Struck By: 33.33%
- Sprain: 6.67%
- Cut: 3.33%
- Contact With Chemicals/Fluids: 6.67%
- Strain/Overexertion: 3.33%
- Slip/Fall: Same Level: 16.67%
Central America & Caribbean Land Total Lost Time Incidents by Equipment (Chart 9)
Based on 11 Incidents

- Pipes/Collars/Tubulars/Csg. 27.27%
- Engines/Pumps/Machinery 9.09%
- Elevators 9.09%
- Material 27.27%
- Tongs 27.27%
- Tongs 27.27%

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Central America & Caribbean Land Total Recordable Incidents by Equipment (Chart 10)
Based on 22 Incidents

- Pressure Hoses/Lines: 9.09%
- Material: 18.18%
- Engines/Pumps/Machinery: 4.55%
- Hand Tools: Manual: 9.09%
- Pipes/Collars/Tubulars/Csg.: 22.73%
- Tongs: 27.27%
- Elevators: 4.55%
- Slips (drill collar clamp): 4.55%
Central America & Caribbean Land Total Lost Time Incidents by Operation (Chart 11)
Based on 17 Incidents

- Rigging Up/Down (rig move preparation, rig move) 17.65%
- Making Connection 17.65%
- Tripping in/out (makeup/brakeout BHA, test tools, etc.) 11.76%
- Running Casing/Tubing (rig up/down csg. tools) 11.76%
- Mud Mixing/Pumping 5.88%
- Running Casing/Tubing (rig up/down csg. tools) 11.76%
- Material Handling: Manual 5.88%
- Rig/Equipment Repairs or Maintenance 29.41%
Central America & Caribbean Land Total Recordable Incidents by Operation (Chart 12)
Based on 29 Incidents

- Rigging Up/Down (rig move preparation, rig move) 17.24%
- Making Connection 17.24%
- Running Casing/Tubing (rig up/down csg. tools) 6.90%
- Material Handling: Manual 6.90%
- Tripping in/out (makeup/brakeout BHA, test tools, etc.) 20.69%
- Mud Mixing/Pumping 3.45%
- Abrasive Blasting/Paint/Scale Removal 3.45%
- Rig/Equipment Repairs or Maintenance 24.14%
Central America & Caribbean Land Total Lost Time Incidents by Location (Chart 13)
Based on 17 Incidents

- Rig Floor (rotary, pipe set back area) 41.18%
- Rig Pad/Rig Decks 5.88%
- Engine Room/Generator Room 5.88%
- Mud Pits/Tanks 5.88%
- Mud Mixing Tank/Area 11.76%
- Living / Camp Areas / Accommodations 5.88%
- Catwalk/V-door 5.88%
- Derrick/Mast (crown, monkey/stabbing board, a-frame) 11.76%
- Mud Pump Room 5.88%
Central America & Caribbean Land Total Recordable Incidents by Location (Chart 14)
Based on 29 Incidents

- Mud Pump Room: 10.34%
- Rig Floor (rotary, pipe set back area): 41.38%
- Mud Mixing Tank/Area: 10.34%
- Living / Camp Areas / Accommodations: 6.90%
- Rig Pad/Rig Decks: 10.34%
- SCR/Electrical Room: 3.45%
- Engine Room/Generator Room: 3.45%
- Mud Pits/Tanks: 3.45%
- Derrick/Mast (crown, monkey/stabbing board, a-frame): 6.90%
- Catwalk/V-door: 3.45%
- Rig Floor (rotary, pipe set back area): 41.38%
- Mud Mixing Tank/Area: 10.34%
- Living / Camp Areas / Accommodations: 6.90%
- Rig Pad/Rig Decks: 10.34%
- SCR/Electrical Room: 3.45%
- Engine Room/Generator Room: 3.45%
- Mud Pits/Tanks: 3.45%
- Derrick/Mast (crown, monkey/stabbing board, a-frame): 6.90%
- Catwalk/V-door: 3.45%
Central America & Caribbean Land Total Lost Time Incidents by Time in Service (Chart 15)

Based on 18 Incidents

- 0 mo. < 3 mos. 5.56%
- 10+ yrs. 22.22%
- >1 yr. < 5 yrs. 27.78%
- >5 yrs. < 10 yrs. 44.44%
Central America & Caribbean Land Total Recordable Incidents by Time in Service (Chart 16)
Based on 30 Incidents

- 0 mo. < 3 mos.: 10.00%
- >5 yrs. < 10 yrs.: 46.67%
- >1 yr. < 5 yrs.: 26.67%
- 10+ yrs.: 16.67%
Central America & Caribbean Land Total Lost Time Incidents by Time of Day (Chart 17)
Based on 18 Incidents

- 15:00: 5.56%
- 14:00: 16.67%
- 11:00: 16.67%
- 9:00: 16.67%
- 21:00: 5.56%
- 22:00: 5.56%
- 7:00: 5.56%
- 20:00: 5.56%
- 19:00: 11.11%
- 18:00: 11.11%
- 15:00: 5.56%
- 14:00: 16.67%
- 11:00: 16.67%
Central America & Caribbean Land Total Recordable Incidents by Time of Day (Chart 18)

Based on 30 Incidents
Central America & Caribbean Land Total Lost Time Incidents by Age (Chart 19)

Based on 18 Incidents

- 18 - 25: 5.56%
- 26 - 35: 44.44%
- 36 - 45: 16.67%
- 46 - 55: 11.11%
- 56 - 65: 16.67%
- 66 & Above: 5.56%
Central America & Caribbean Land Total Recordable Incidents by Age (Chart 20)
Based on 29 Incidents

- 18 - 25: 6.90%
- 26 - 35: 48.28%
- 36 - 45: 20.69%
- 46 - 55: 10.34%
- 56 - 65: 10.34%
- 66 & Above: 3.45%