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

Issued 1 July 2017
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### IADC 2016 Central America & Caribbean Land Totals (Table 1)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Manhours</td>
<td>1,098,397</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>3</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>3</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>3</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>9</td>
</tr>
</tbody>
</table>

- **MTO Incidence Rate**: 0.55
- **RWC Incidence Rate**: 0.55
- **LTI Incidence Rate**: 0.55
- **LTI Frequency Rate**: 2.73
- **DART Incidence Rate**: 1.09
- **DART Frequency Rate**: 5.46
- **Recordable Incidence Rate**: 1.64
- **Recordable Frequency Rate**: 8.19

**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  
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

### Central America & Caribbean Land Total Incidence Rates vs Man-hours (Figure 1)

![Graph showing incidence rates vs man-hours from 2010 to 2016](image)
IADC 2016 Central America & Caribbean Land Charts
Central America & Caribbean Land Total Lost Time Incidents by Month (Chart 1)
Based on 3 Incidents

- January: 66.67%
- December: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Month (Chart 2)
Based on 9 Incidents

January 44.44%
February 11.11%
March 22.22%
December 22.22%
Central America & Caribbean Land Total Lost Time Incidents by Occupation (Chart 3)
Based on 3 Incidents

- Rig Helper: 33.33%
- Mechanic (Repair Technician): 33.33%
- Floorman: 33.33%
Central America & Caribbean Recordable Incidents by Occupation (Chart 4)
Based on 9 Incidents

- Mechanic (Repair Technician): 11.11%
- Driller (Asst. Dr.): 11.11%
- Derrickman: 11.11%
- Floorman: 44.44%
- Rig Helper: 11.11%
- Roustabout (Lease Hand): 11.11%

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Central America & Caribbean Land Total Lost Time Incidents by Body Part (Chart 5)
Based on 3 Incidents

- Finger(s): 66.67%
- Feet/Ankles: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Body Part (Chart 6)
Based on 9 Incidents

- Finger(s): 55.56%
- Hand(s) / Wrist(s): 11.11%
- Shoulder(s): 11.11%
- Back: 11.11%
- Feet/Ankles: 11.11%
- Others: 11.11%
Central America & Caribbean Land Total Lost Time Incidents by Incident Type (Chart 7)

Based on 3 Incidents

- Caught Between/in: 66.67%
- Struck By: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Incident Type (Chart 8)
Based on 9 Incidents

- Caught Between/In: 55.56%
- Struck By: 22.22%
- Struck Against: 11.11%
- Strain/Overexertion: 11.11%
Central America & Caribbean Land Total Lost Time Incidents by Equipment (Chart 9)
Based on 3 Incidents

- Pressure Hoses/Lines: 33.33%
- Pipes/Collars/Tubulars/Csg.: 33.33%
- Material: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Equipment (Chart 10)
Based on 7 Incidents

- Well Control (BOP) Stack (well head, tree): 14.29%
- Pressure Hoses/Lines: 14.29%
- Slips (drill collar clamp): 14.29%
- Cathead/Drawworks: 14.29%
- Material: 14.29%
- Pipes/Collars/Tubulars/Csg.: 28.57%
- Cathead/Drawworks: 14.29%
Central America & Caribbean Land Total Lost Time Incidents by Operation (Chart 11)
Based on 3 Incidents

Material Handling: Manual 33.33%
Rig/Equipment Repairs or Maintenance 33.33%
Laying Down/Picking up Pipe/Tubulars 33.33%
Central America & Caribbean Land Total Recordable Incidents by Operation (Chart 12)
Based on 9 Incidents

- Making Connection: 33.33%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 11.11%
- Rig/Equipment Repairs or Maintenance: 22.22%
- Rigging Up/Down (rig move preparation, rig move): 11.11%
- Laying Down/Picking up Pipe/Tubulars: 11.11%
- Material Handling: Manual: 11.11%
- Making Connection: 33.33%

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Central America & Caribbean Land Total Lost Time Incidents by Location (Chart 13)
Based on 3 Incidents

- Rig Pad/Rig Decks: 33.33%
- Pipe Rack/Pipe Deck: 33.33%
- Mud Pump Room: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Location (Chart 14)
Based on 9 Incidents

- Rig Floor (rotary, pipe set back area): 33.33%
- Rig Pad/Rig Decks: 22.22%
- Engine Room/Generator Room: 11.11%
- Pipe Rack/Pipe Deck: 11.11%
- Cellar / Substructure / Moonpool: 11.11%
- Mud Pump Room: 11.11%
Central America & Caribbean Land Total Lost Time Incidents by Time in Service (Chart 15)
Based on 3 Incidents

>5 yrs. < 10 yrs. 66.67%
>1 yr. < 5 yrs. 33.33%
Central America & Caribbean Land Total Recordable Incidents by Time in Service (Chart 16)
Based on 9 Incidents

- >5 yrs. < 10 yrs.: 44.44%
- >1 yr. < 5 yrs.: 44.44%
- 0 mo. < 3 mos.: 11.11%
Central America & Caribbean Land Total Lost Time Incidents by Time of Day (Chart 17)
Based on 3 Incidents

- 13:00: 33.33%
- 23:00: 33.33%
- 2:00: 33.33%
Central America & Caribbean Land Total Recordable Incidents by Time of Day (Chart 18)
Based on 9 Incidents

- 23:00: 11.11%
- 22:00: 11.11%
- 21:00: 11.11%
- 20:00: 11.11%
- 19:00: 11.11%
- 18:00: 11.11%
- 17:00: 11.11%
- 16:00: 11.11%
- 15:00: 11.11%
- 14:00: 11.11%
- 13:00: 11.11%
- 12:00: 11.11%
- 11:00: 11.11%
- 10:00: 11.11%
- 09:00: 11.11%
- 08:00: 11.11%
- 07:00: 11.11%
- 06:00: 11.11%
- 05:00: 11.11%
- 04:00: 11.11%
- 03:00: 11.11%
- 02:00: 11.11%
- 01:00: 11.11%
Central America & Caribbean Land Total Lost Time Incidents by Age (Chart 19)
Based on 3 Incidents

26 - 35
100.00%
Central America & Caribbean Land Total Recordable Incidents by Age (Chart 20)
Based on 8 Incidents

18 - 25
12.50%

26 - 35
87.50%