

IADC ISP PROGRAM

2015



Summary of Occupational Incidents (US Land Totals)

Issued 15 July 2016



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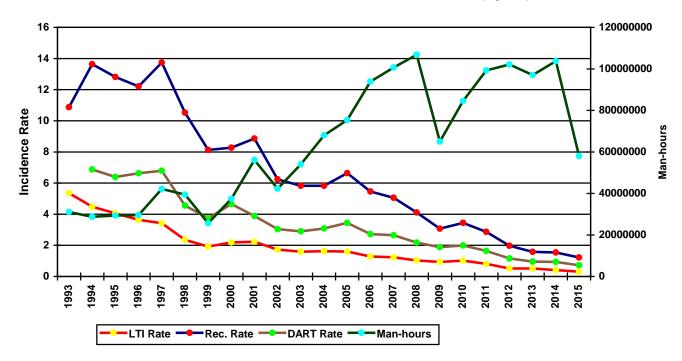
IADC 2015 US Land Totals (Table 1)

	Total
Total Man-hours	58,055,785
Total Medical Treatment Incidents	146
Total Restricted Work Incidents	118
Total Lost Time Incidents	90
Total Fatalities	0
Total Recordables	354
MTO Incidence Rate	0.50
RWC Incidence Rate	0.41
LTI Incidence Rate	0.31
LTI Frequency Rate	1.55
DART Incidence Rate	0.72
DART Frequency Rate	3.58
Recordable Incidence Rate	1.22
Recordable Frequency Rate	6.10

Companies Reporting: Land – 32

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

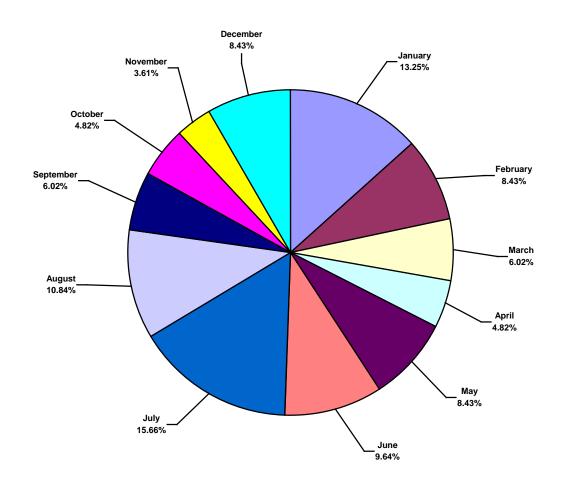
Lost Time Frequency Rate = LTIs +FTLs X 1,000,000 DART Frequency Rate = LTIs + RWC X 1,000,000 Recordable Frequency Rate = RCRD X 1,000,000



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



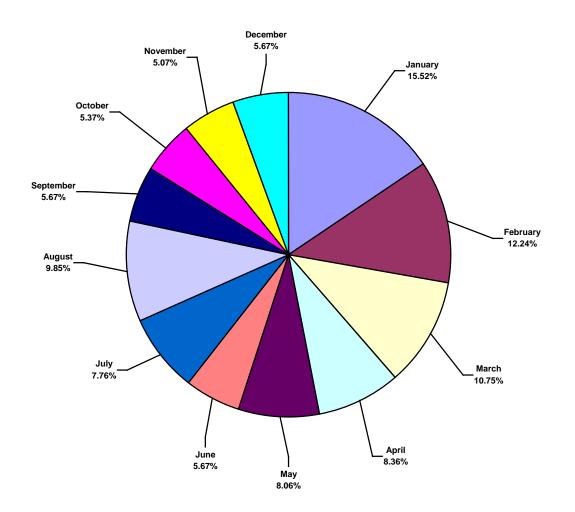
IADC 2015 US Land Charts US Land Total Lost Time Incidents by Month (Chart 1) Based on 83 Incidents



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US Land Total Recordable Incidents by Month (Chart 2) Based on 335 Incidents

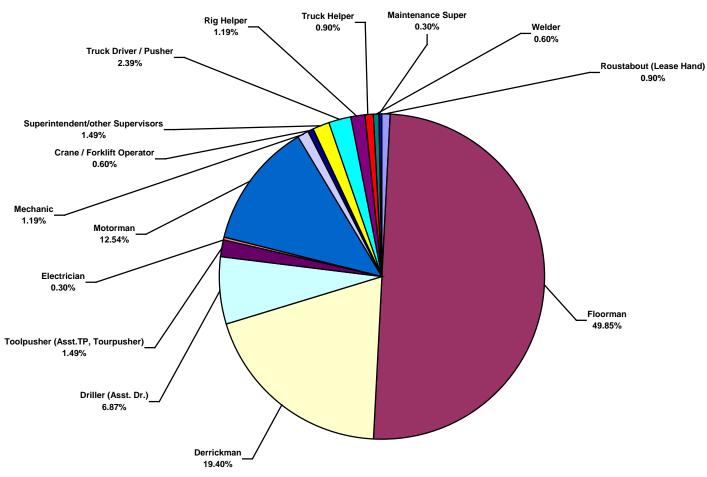




Welder 1.20% Truck Helper 2.41% Truck Driver / Pusher 7.23% Mechanic 1.20% Motorman 10.84% Floorman 44.58% Electrician 1.20% Toolpusher (Asst.TP, Tourpusher) 4.82% Driller (Asst. Dr.) 6.02% Derrickman 20.48%

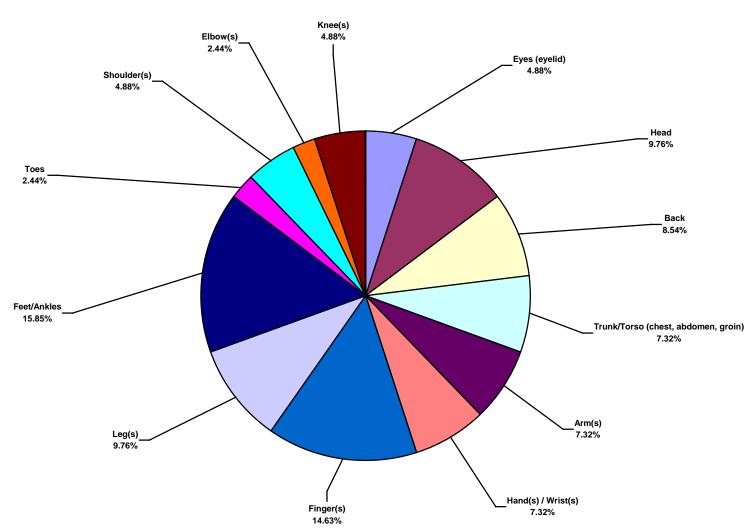
US Land Total Lost Time Incidents by Occupation (Chart 3) Based on 83 Incidents





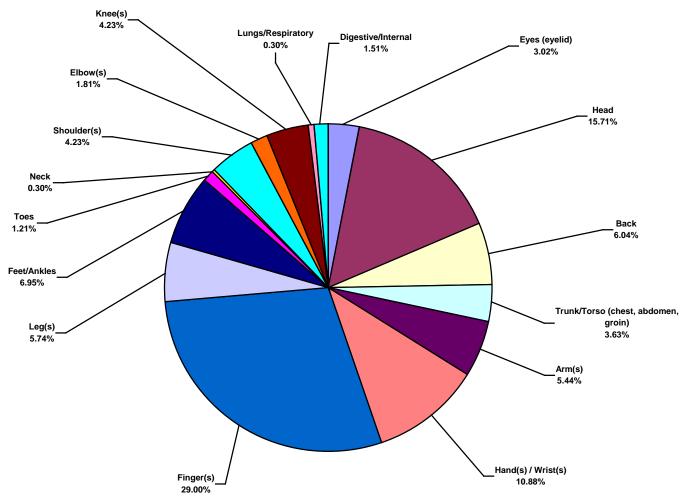
US Land Total Recordable Incidents by Occupation (Chart 4) Based on 335 Incidents





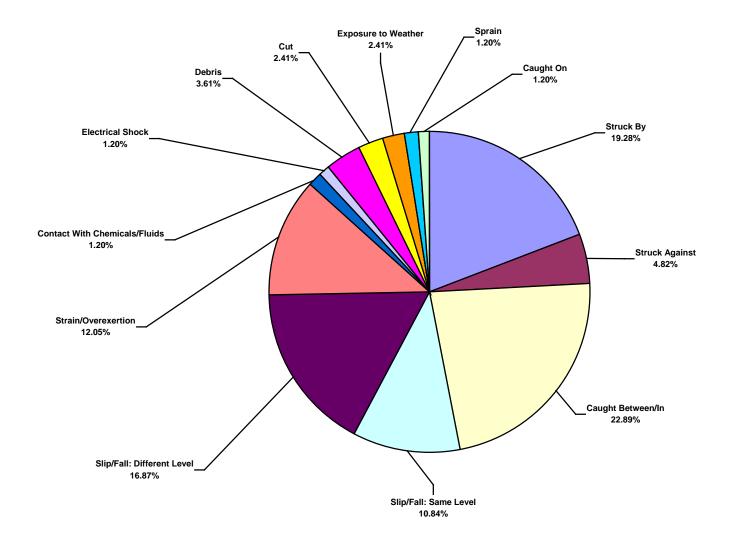
US Land Total Lost Time Incidents by Body Part (Chart 5) Based on 82 Incidents





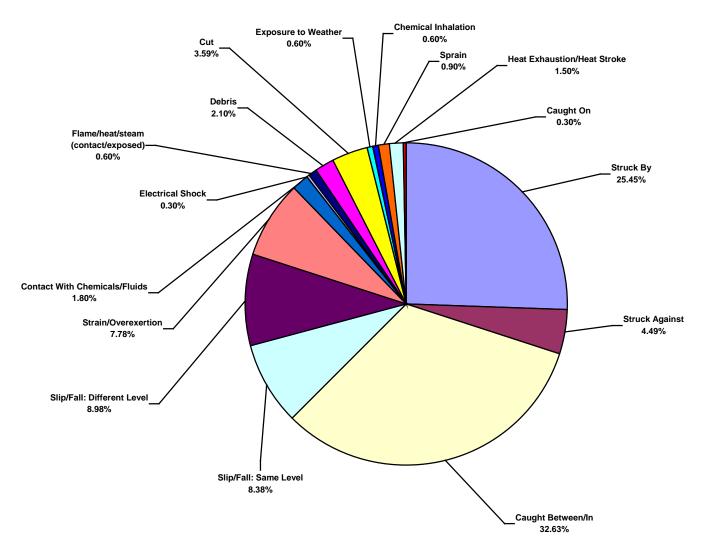
US Land Total Recordable Incidents by Body Part (Chart 6) Based on 331 Incidents





US Land Total Lost Time Incidents by Incident Type (Chart 7) Based on 83 Incidents





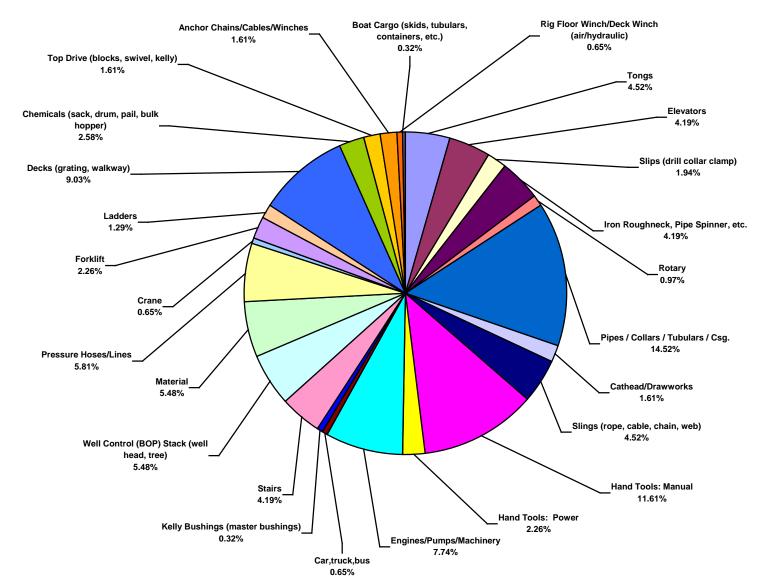
US Land Total Recordable Incidents by Incident Type (Chart 8) Based on 334 Incidents



Boat Cargo (skids, tubulars, Elevators Tongs containers, etc.) 2.53% 5.06% Slips (drill collar clamp) 1.27% Top Drive (blocks, swivel, kelly) 1.27% 3.80% Decks (grating, walkway) 11.39% Iron Roughneck, Pipe Spinner, etc 2.53% Ladders 3.80% Pipes / Collars / Tubulars / Csg. 16.46% Forklift 2.53% Pressure Hoses/Lines 3.80% Cathead/Drawworks 1.27% Material Slings (rope, cable, chain, web) 7.59% 3.80% BOP Stack (well head, tree) Hand Tools: Manual 3.80% 13.92% Stairs 6.33% Hand Tools: Power 1.27% Car,truck,bus Engines/Pumps/Machinery 1.27% 6.33%

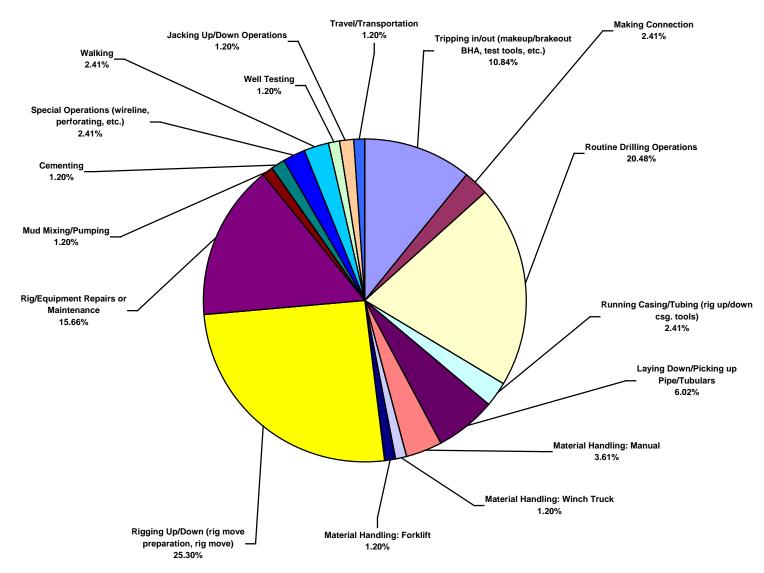
US Land Total Lost Time Incidents by Equipment (Chart 9) Based on 79 Incidents





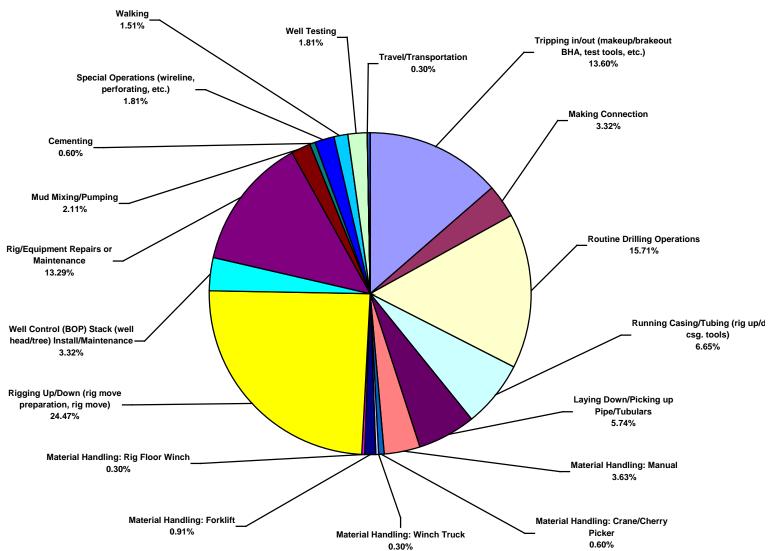
US Land Total Recordable Incidents by Equipment (Chart 10) Based on 310 Incidents





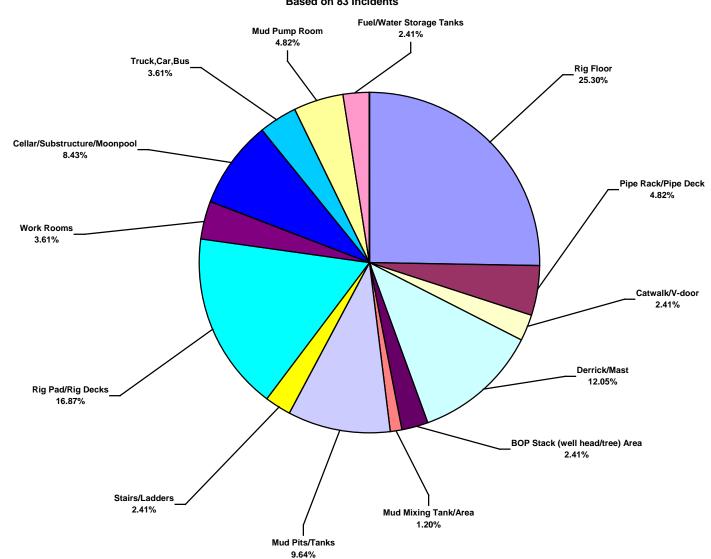
US Land Total Lost Time Incidents by Operation (Chart 11) Based on 83 Incidents





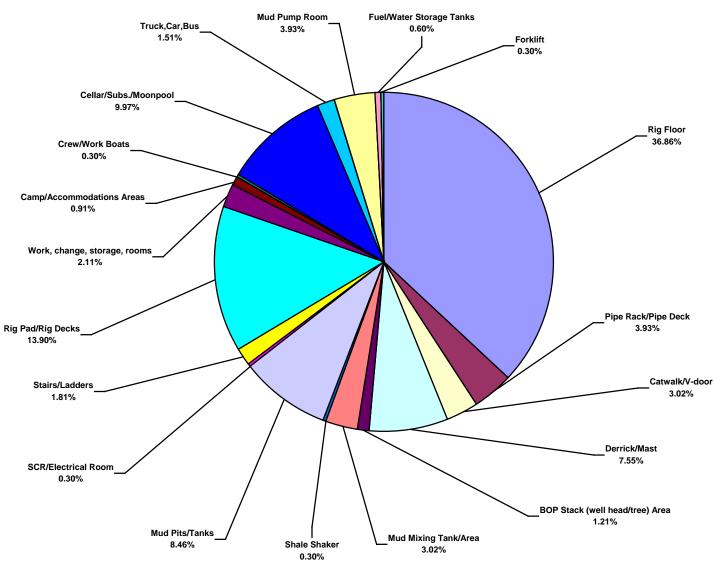
US Land Total Recordable Incidents by Operation (Chart 12) Based on 332 Incidents





US Land Total Lost Time Incidents by Location (Chart 13) Based on 83 Incidents

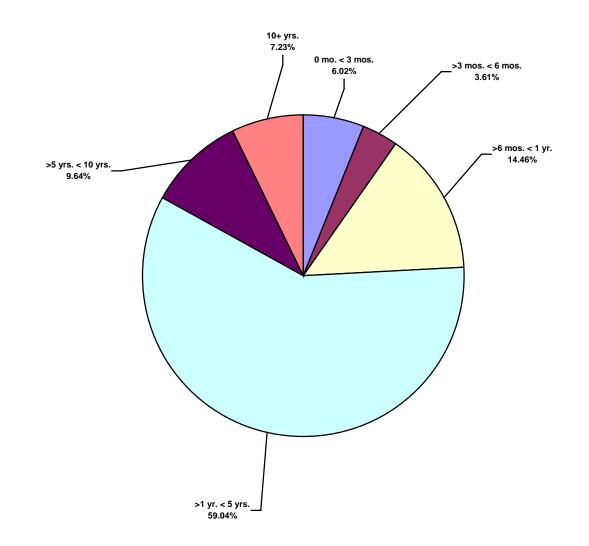




US Land Total Recordable Incidents by Location (Chart 14) Based on 331 Incidents

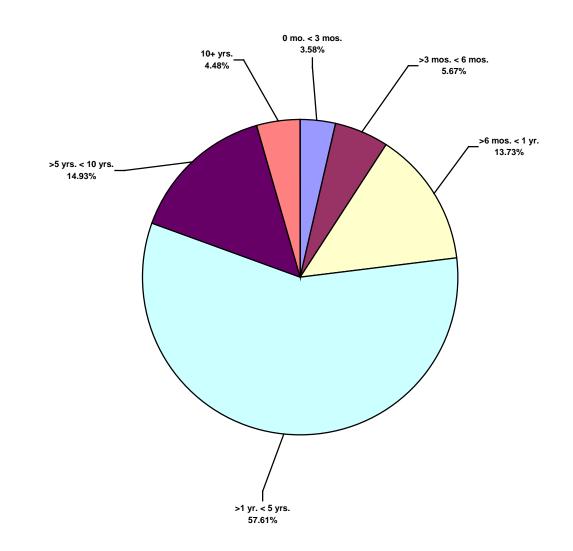


US Land Total Lost Time Incidents by Time in Service (Chart 15) Based on 83 Incidents

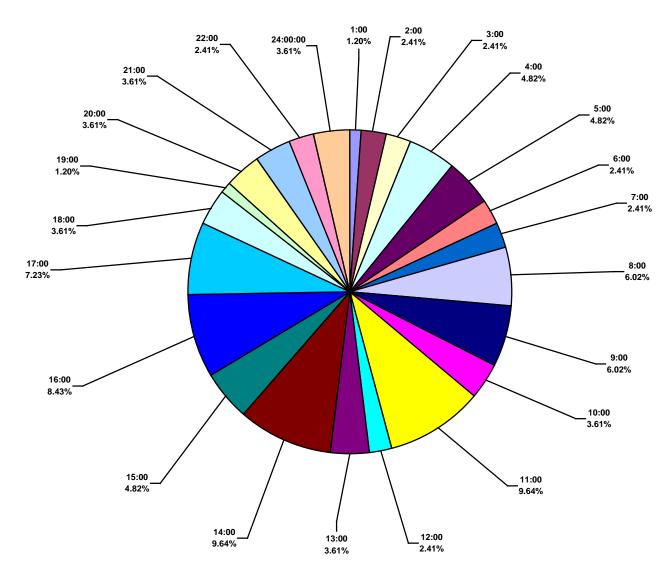




US Land Total Recordable Incidents by Time in Service (Chart 16) Based on 335 Incidents

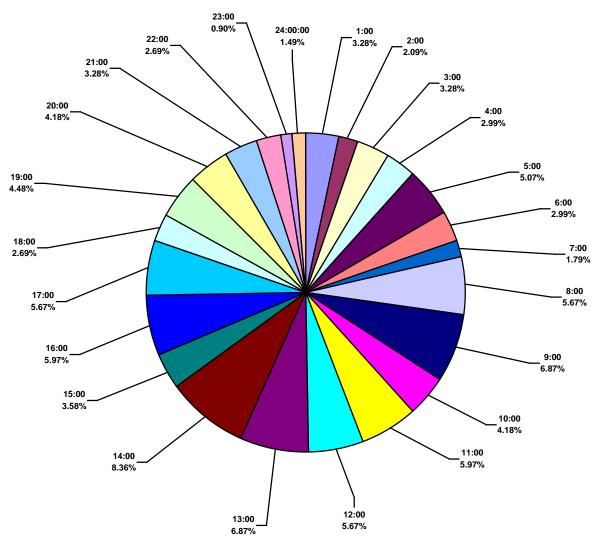






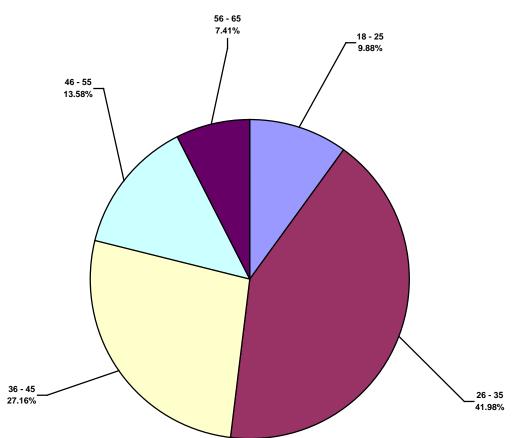
US Land Total Lost Time Incidents by Time of Day (Chart 17) Based on 83 Incidents





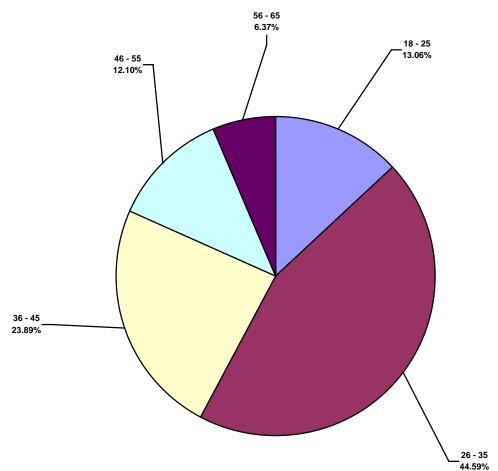
US Land Total Recordable Incidents by Time of Day (Chart 18) Based on 335 Incidents





US Land Total Lost Time Incidents by Age (Chart 19) Based on 81 Incidents





US Land Total Recordable Incidents by Age (Chart 20) Based on 314 Incidents