

IADC ISP PROGRAM

2016

Summary of Occupational Incidents

(South America Land Totals)

Issued 1 July 2017



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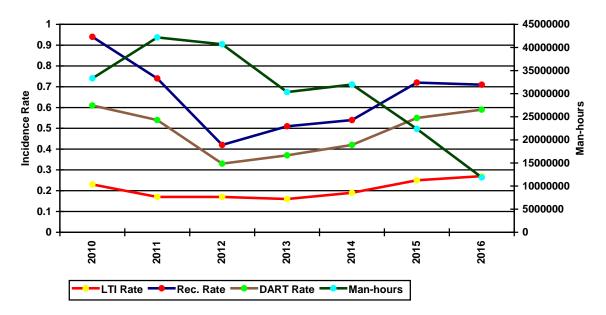
IADC 2016 South America Land Totals (Table 1)

	Total
Total Manhours	11,885,011
Total Medical Treatment Incidents	7
Total Restricted Work Incidents	19
Total Lost Time Incidents	16
Total Fatalities	0
Total Recordables	42
MTO Incidence Rate	0.12
RWC Incidence Rate	0.12
LTI Incidence Rate	0.32
LTI Frequency Rate	1.35
DART Incidence Rate	0.59
	2.94
DART Frequency Rate	
Recordable Incidence Rate	0.71
Recordable Frequency Rate	3.53

Companies Reporting: Land - 9

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

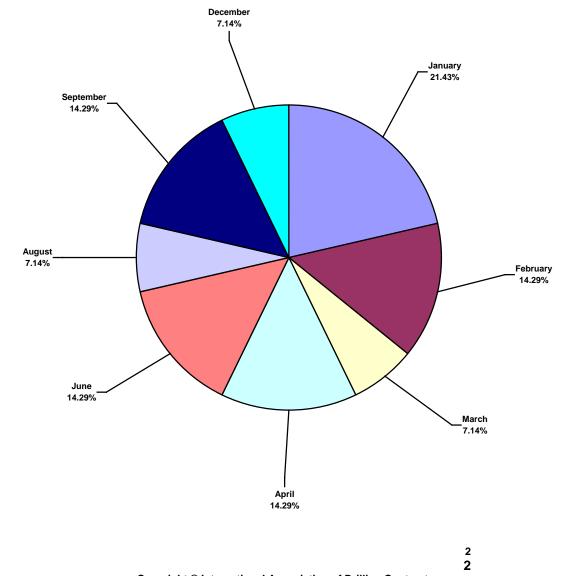
Lost Time Frequency Rate = LTIs +FTLs X 1,000,000 DART Frequency Rate = LTIs + RWC X 1,000,000 Recordable Frequency Rate = RCRD X 1,000,000



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



IADC 2016 South America Land Charts South America Land Total Lost Time Incidents by Month (Chart 1) Based on 14 Incidents

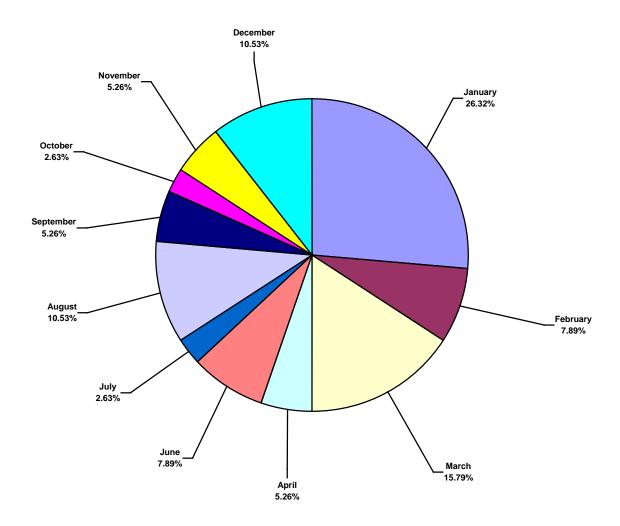


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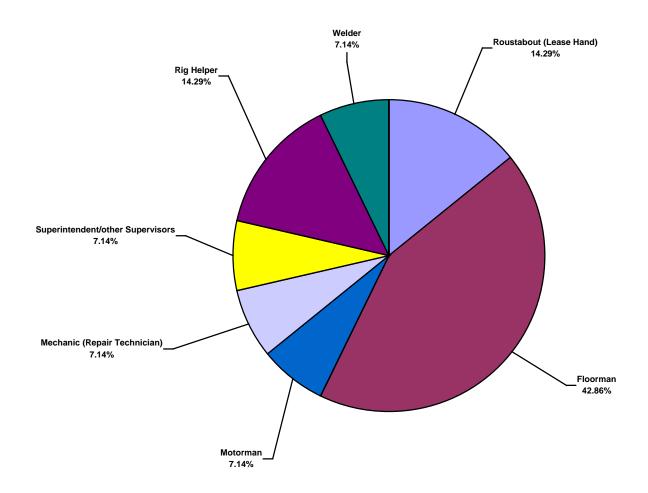


South America Land Total Recordable Incidents by Month (Chart 2) Based on 38 Incidents





South America Land Total Lost Time Incidents by Occupation (Chart 3) Based on 14 Incidents





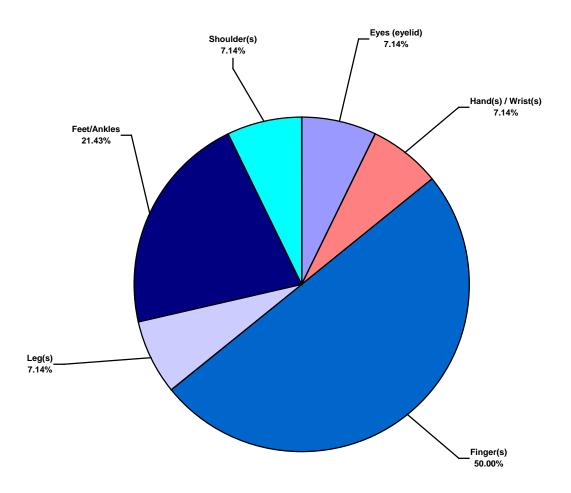
Rig Helper 5.26% Welder 2.63% Superintendent/other Supervisors 2.63% Roustabout (Lease Hand) 13.16% Crane Operator (Forklift Operator) 2.63% Mechanic (Repair Technician)_ 15.79% Motorman Floorman 2.63% 34.21% Toolpusher (Asst.TP, Tourpusher) 2.63%

South America Land Total Recordable Incidents by Occupation (Chart 4) Based on 38 Incidents

Derrickman 18.42%

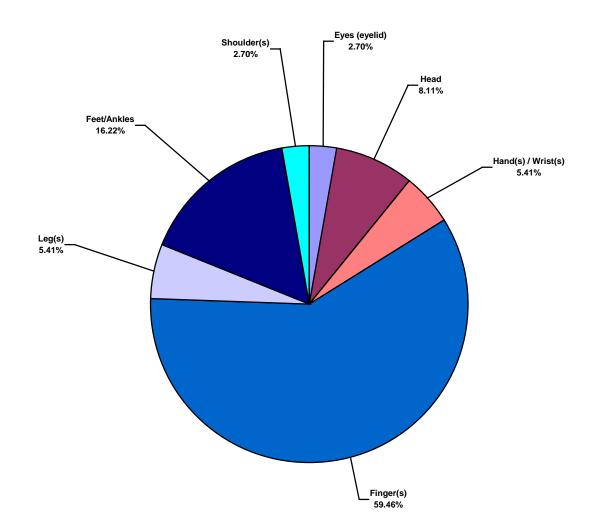


South America Land Total Lost Time Incidents by Body Part (Chart 5) Based on 14 Incidents



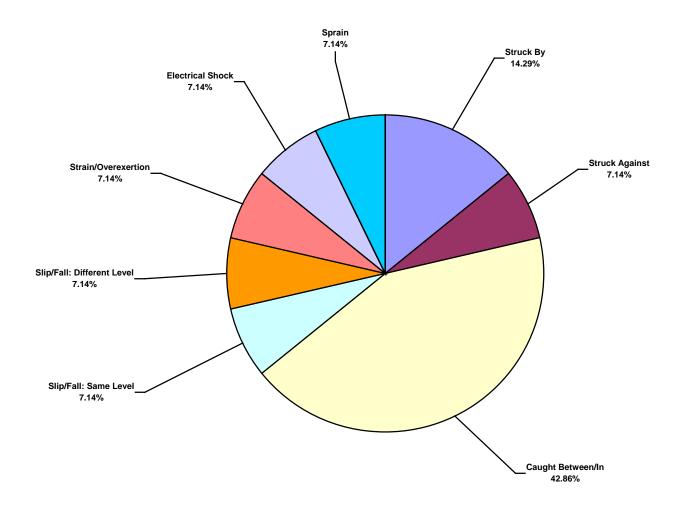


South America Land Total Recordable Incidents by Body Part (Chart 6) Based on 37 Incidents



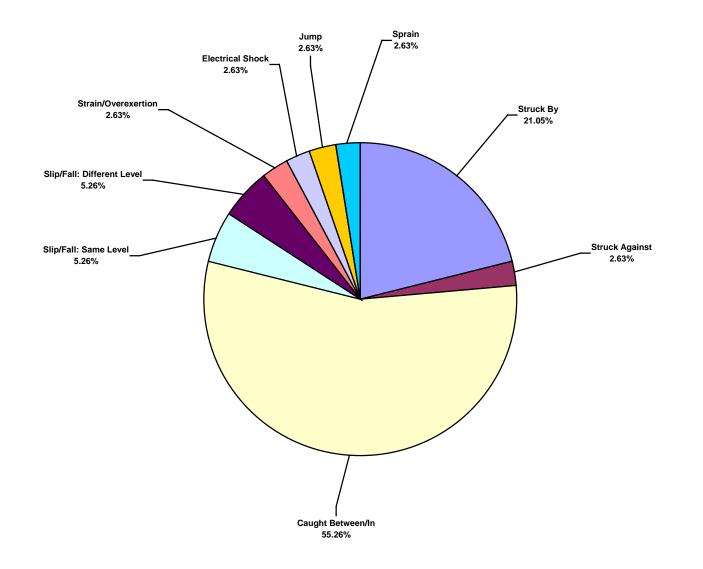


South America Land Total Lost Time Incidents by Incident Type (Chart 7) Based on 14 Incidents



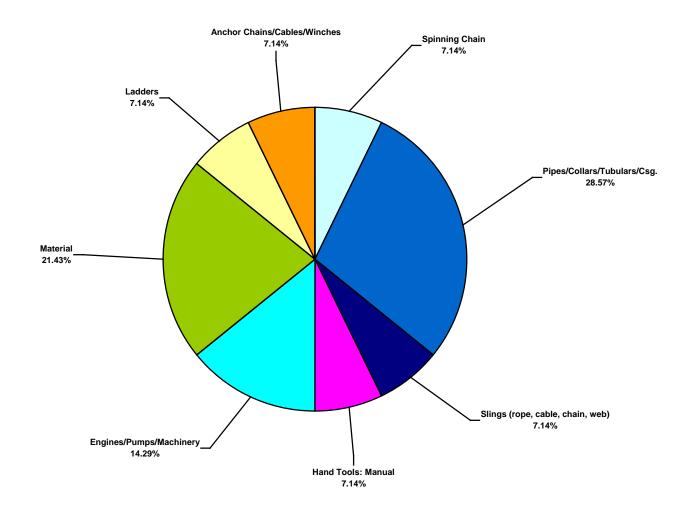


South America Land Total Recordable Incidents by Incident Type (Chart 8) Based on 38 Incidents

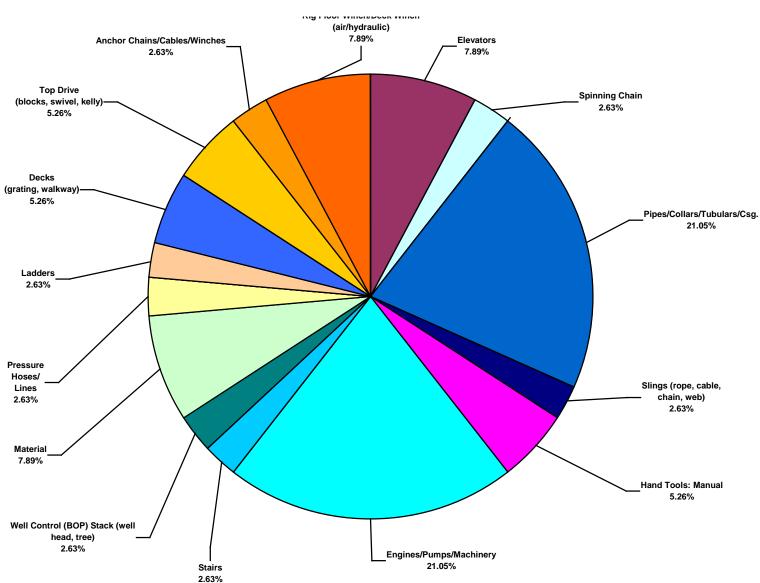




South America Land Total Lost Time Incidents by Equipment (Chart 9) Based on 14 Incidents



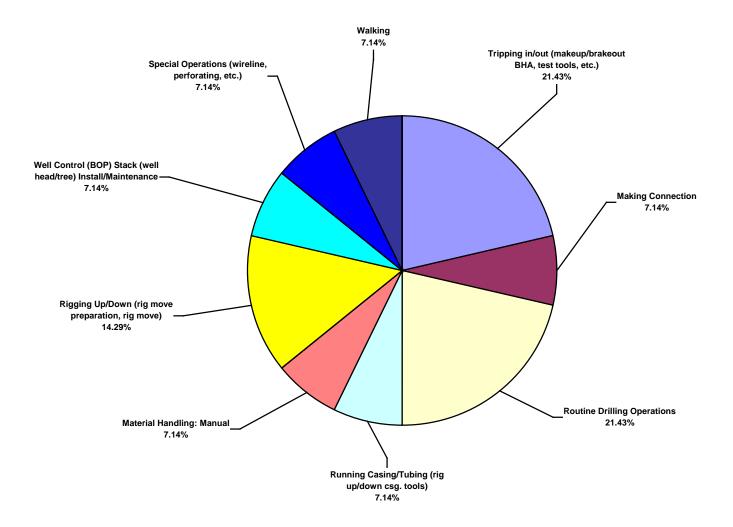




South America Land Total Recordable Incidents by Equipment (Chart 10) Based on 38 Incidents

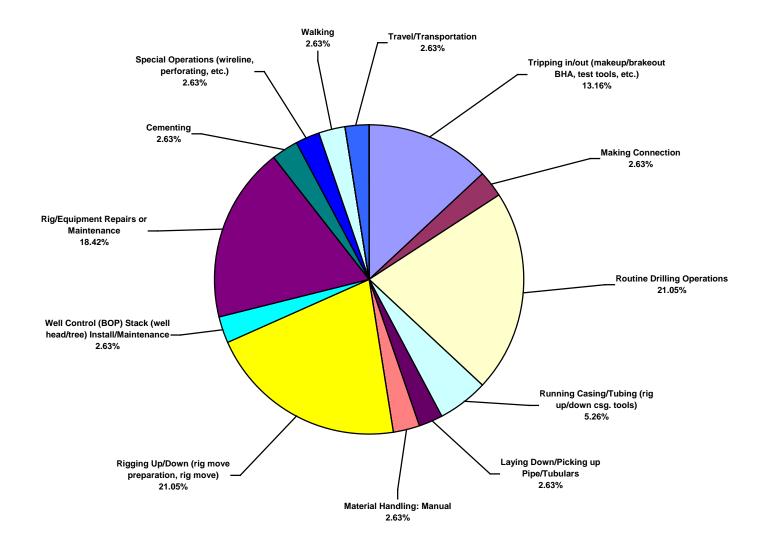


South America Land Total Lost Time Incidents by Operation (Chart 11) Based on 14 Incidents



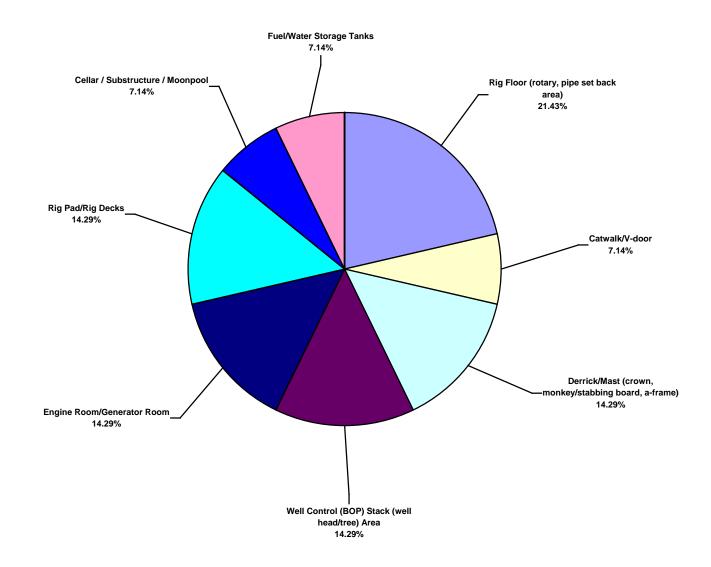


South America Land Total Recordable Incidents by Operation (Chart 12) Based on 38 Incidents



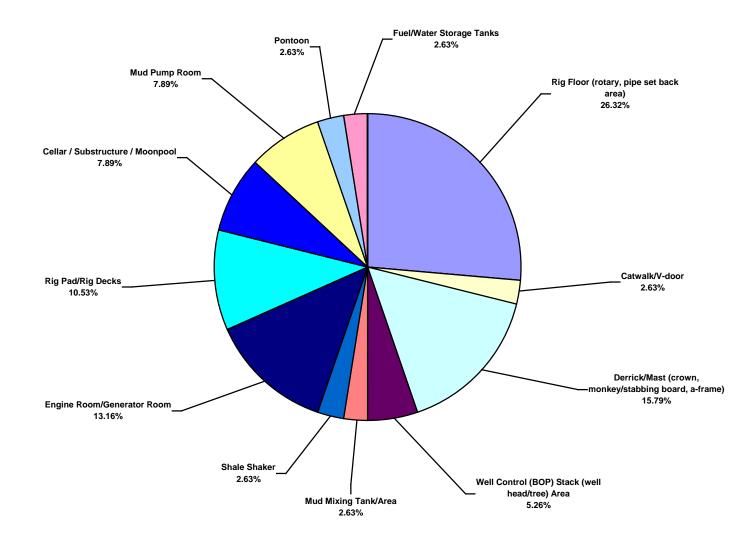


South America Land Total Lost Time Incidents by Location (Chart 13) Based on 14 Incidents



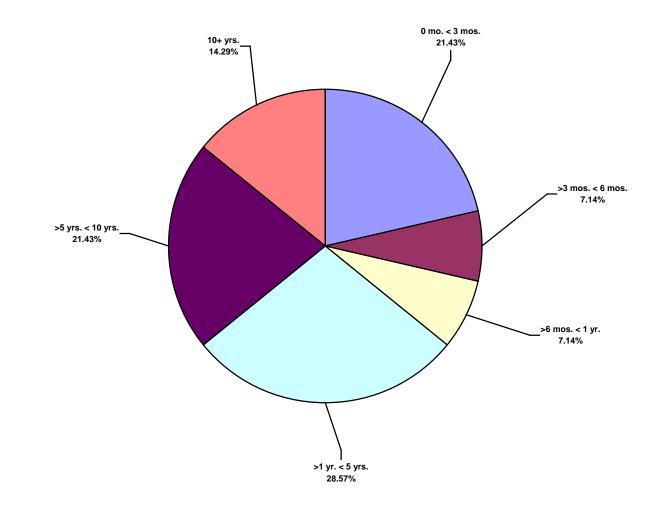


South America Land Total Recordable Incidents by Location (Chart 14) Based on 38 Incidents



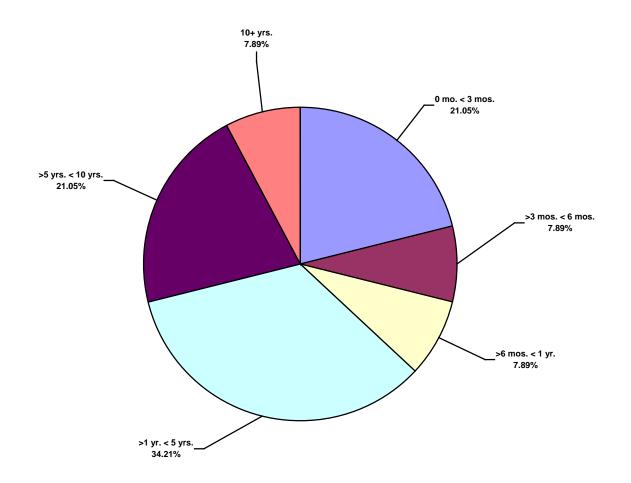


South America Land Total Lost Time Incidents by Time in Service (Chart 15) Based on 14 Incidents



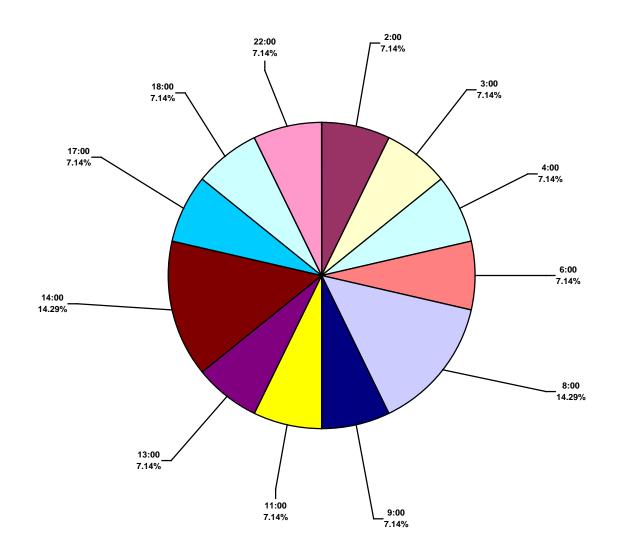


South America Land Total Recordable Incidents by Time in Service (Chart 16) Based on 38 Incidents





South America Land Total Lost Time Incidents by Time of Day (Chart 17) Based on 14 Incidents



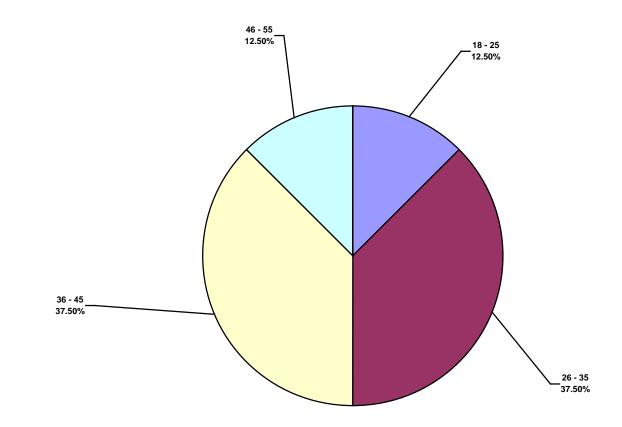


1:00 22:00 24:00:00 19:00 2.63% 2.63% 2.63% 2:00 18:00 2.63% 7.89% 2.63% 3:00 2.63% 17:00 2.63% 4:00 5.26% 16:00 2.63% 6:00 5.26% 14:00 5.26% 13:00 7:00 5.26% 2.63% 8:00 10.53% 12:00 5.26% 11:00 10.53% 9:00 10:00 15.79% 5.26%

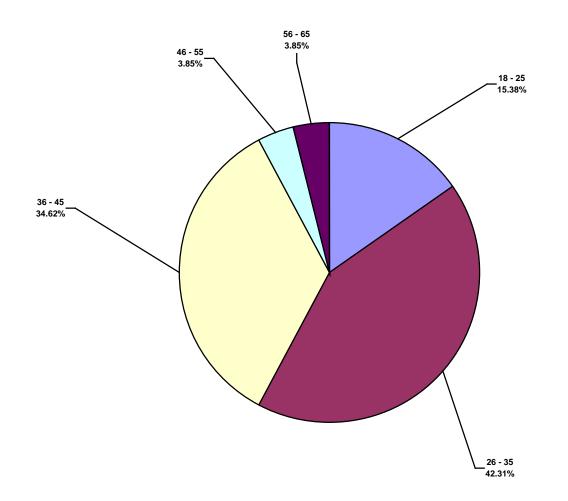
South America Land Total Recordable Incidents by Time of Day (Chart 18) Based on 38 Incidents



South America Land Total Lost Time Incidents by Age (Chart 19) Based on 8 Incidents







South America Land Total Recordable Incidents by Age (Chart 20) Based on 26 Incidents