

2016



Summary of Occupational Incidents (European Water Totals)

Issued 1 July 2017



Table of Contents

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

IADC 2016 EUROPEAN WATER TOTALS (TABLE 1)	1
European Water Total Incidence Rates vs Man-hours (Figure 1)	1
European Water Total Lost Time Incidents by Month (Chart 1)	2
European Water Total Recordable Incidents by Month (Chart 2)	3
European Water Total Lost Time Incidents by Occupation (Chart 3)	4
European Water Total Recordable Incidents by Occupation (Chart 4)	5
European Water Total Lost Time Incidents by Body Part (Chart 5)	6
European Water Total Recordable Incidents by Body Part (Chart 6)	7
European Water Total Lost Time Incidents by Incident Type (Chart 7)	8
European Water Total Recordable Incidents by Incident Type (Chart 8)	9
European Water Total Lost Time Incidents by Equipment (Chart 9)	10
European Water Total Recordable Incidents by Equipment (Chart 10)	11
European Water Total Lost Time Incidents by Operation (Chart 11)	12
European Water Total Recordable Incidents by Operation (Chart 12)	13
European Water Total Lost Time Incidents by Location (Chart 13)	
European Water Total Recordable Incidents by Location (Chart 14)	15
European Water Total Lost Time Incidents by Time in Service (Chart 15)	16
European Water Total Recordable Incidents by Time in Service (Chart 16)	
European Water Total Lost Time Incidents by Time of Day (Chart 17)	
European Water Total Recordable Incidents by Time of Day (Chart 18)	19
European Water Total Lost Time Incidents by Age (Chart 19)	
European Water Total Recordable Incidents by Age (Chart 20)	21



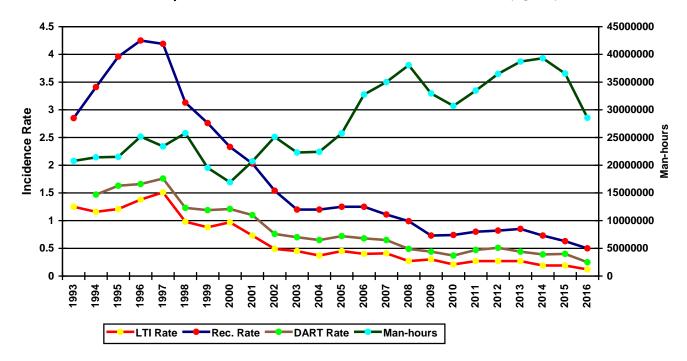
IADC 2016 European Water Totals (Table 1)

	<u>Total</u>
Total Man-hours	28,551,227
Total Medical Treatment Incidents	36
Total Restricted Work Incidents	19
Total Lost Time Incidents	17
Total Fatalities	0
Total Recordables	72
MTO Incidence Rate	0.25
RWC Incidence Rate	0.13
LTI Incidence Rate	0.12
LTI Frequency Rate	0.60
DART Incidence Rate	0.25
DART Frequency Rate	1.26
Recordable Incidence Rate	0.50
Recordable Frequency Rate	2.52

Companies Reporting: Water - 24

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

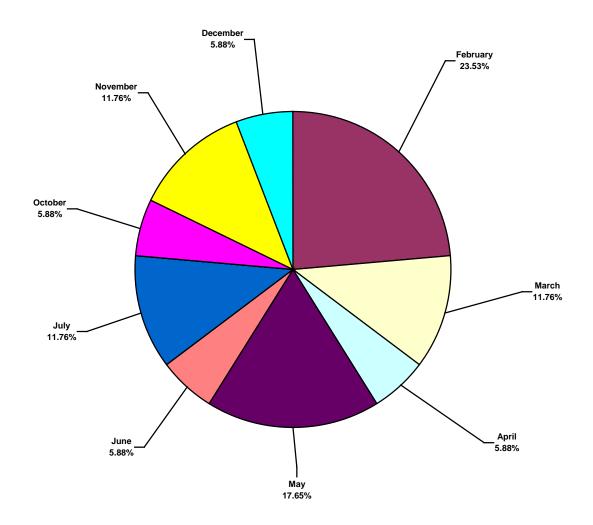
Lost Time Frequency Rate = LTIs +FTLs X 1,000,000 DART Frequency Rate = LTIs + RWC X 1,000,000 Recordable Frequency Rate = RCRD X 1,000,000



European Water Total Incidence Rates vs Man-hours (Figure 1)



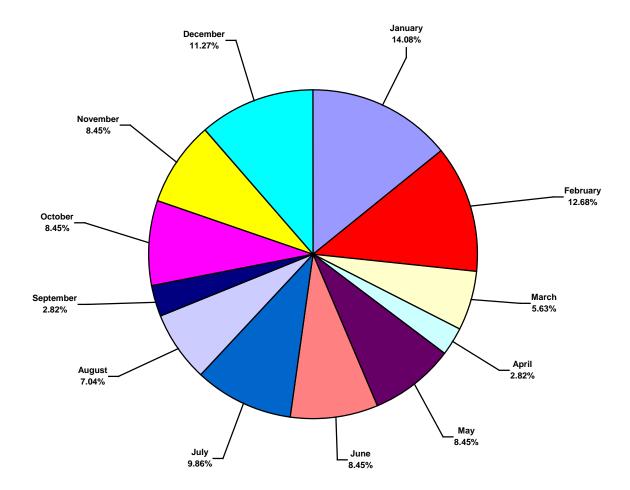
IADC 2016 European Water Charts European Water Total Lost Time Incidents by Month (Chart 1) Based on 17 Incidents



2

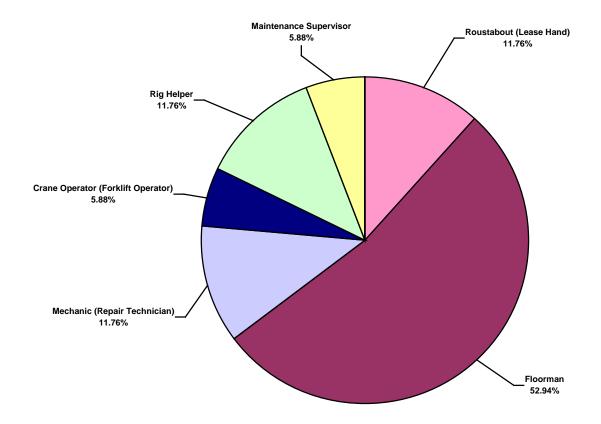


European Water Total Recordable Incidents by Month (Chart 2) Based on 71 Incidents

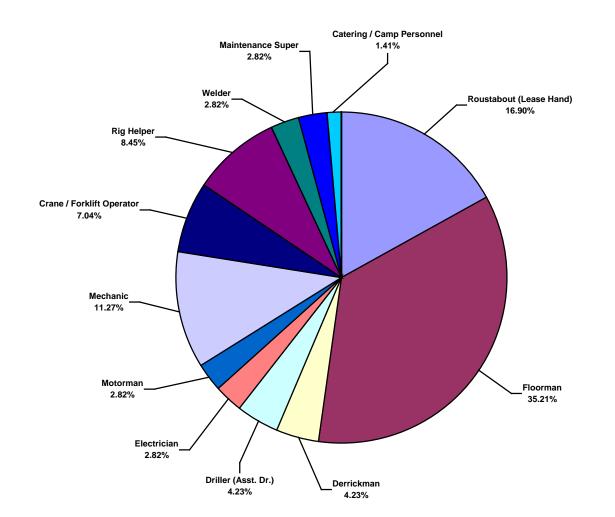




European Water Total Lost Time Incidents by Occupation (Chart 3) Based on 17 Incidents



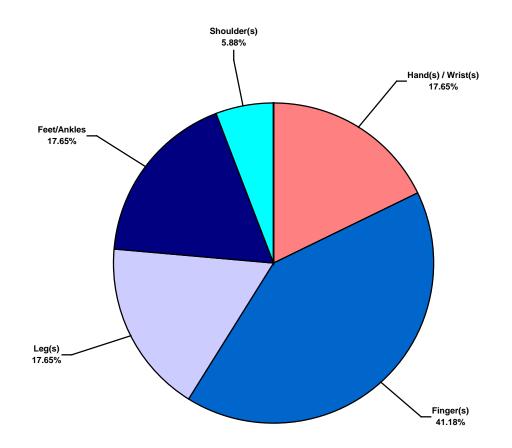




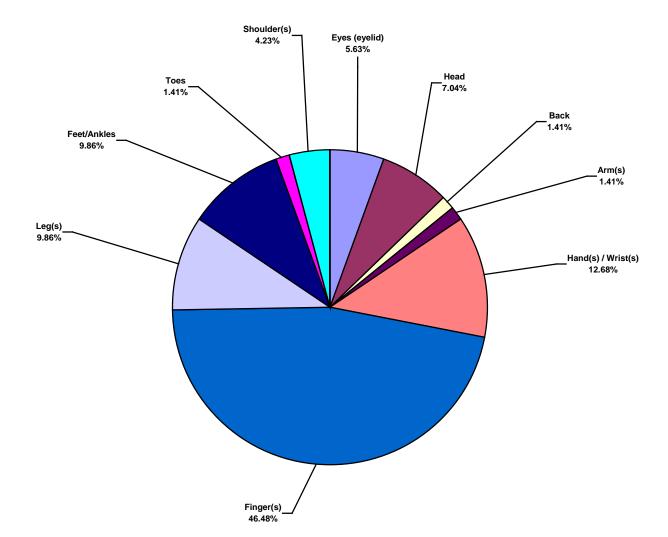
European Water Total Recordable Incidents by Occupation (Chart 4) Based on 71 Incidents



European Water Total Lost Time Incidents by Body Part (Chart 5) Based on 17 Incidents



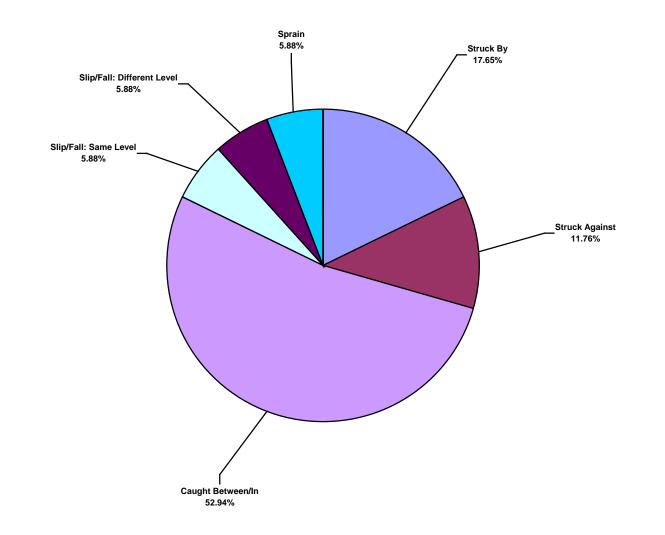




European Water Total Recordable Incidents by Body Part (Chart 6) Based on 71 Incidents

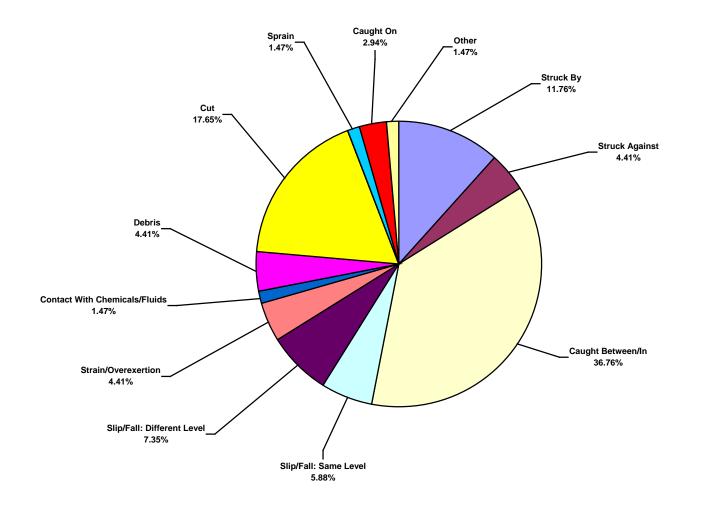


European Water Total Lost Time Incidents by Incident Type (Chart 7) Based on 17 Incidents





European Water Total Recordable Incidents by Incident Type (Chart 8) Based on 68 Incidents





Rig Floor Winch/Deck Winch (air/hydraulic) 5.88% Tongs 5.88% Iron Roughneck, Pipe Spinner, etc. 17.65% Decks (grating, walkway) 29.41% Pipes/Collars/Tubulars/Csg. 5.88% Slings (rope, cable, chain, web) 5.88% Crane Engines/Pumps/Machinery 5.88% 5.88% Trans.-Boat 5.88% BOP Stack (well head, tree) Material 5.88% 5.88%

European Water Total Lost Time Incidents by Equipment (Chart 9) Based on 17 Incidents

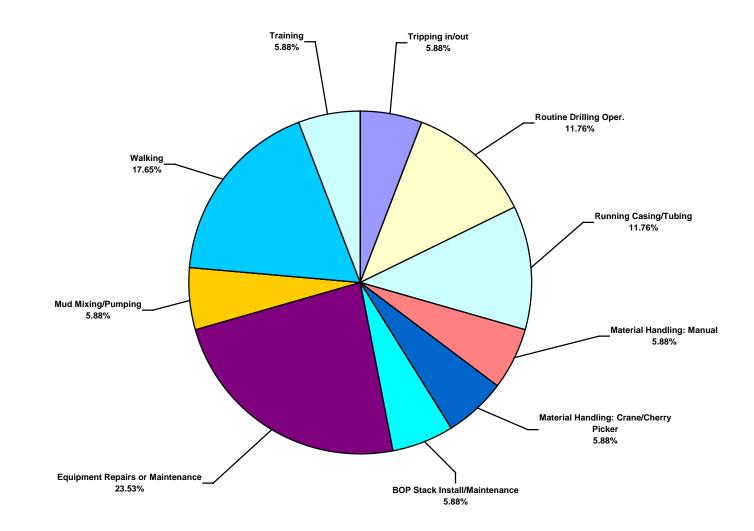


Rig Floor Winch/Deck Winch Boat Cargo (skids, tubulars, (air/hydraulic) containers, etc.) 2.94% Tongs 1.47% 1.47% Iron Roughneck, Pipe Spinner, etc. Chemicals (sack, drum, pail, bulk 4.41% hopper) 2.94% Rotary 1.47% Pipes/Collars/Tubulars/Csg. Welding, Cutting, Grinding 11.76% Equipment 2.94% Cathead/Drawworks 1.47% Decks (grating, walkway) 13.24% Ladders 1.47% Slings (rope, cable, chain, web) 2.94% Forklift 1.47% Hand Tools: Manual 8.82% Crane 2.94% Hand Tools: Power Pressure Hoses/Lines 4.41% 2.94% Material Engines/Pumps/Machinery 11.76% Boat Stairs . 1.47% BOP Stack (well head, tree) 5.88% 2.94%

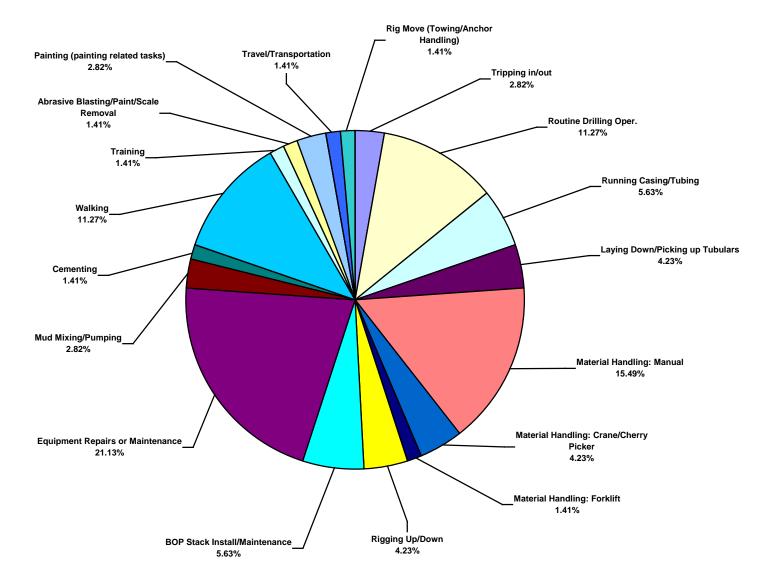
European Water Total Recordable Incidents by Equipment (Chart 10) Based on 69 Incidents



European Water Total Lost Time Incidents by Operation (Chart 11) Based on 17 Incidents







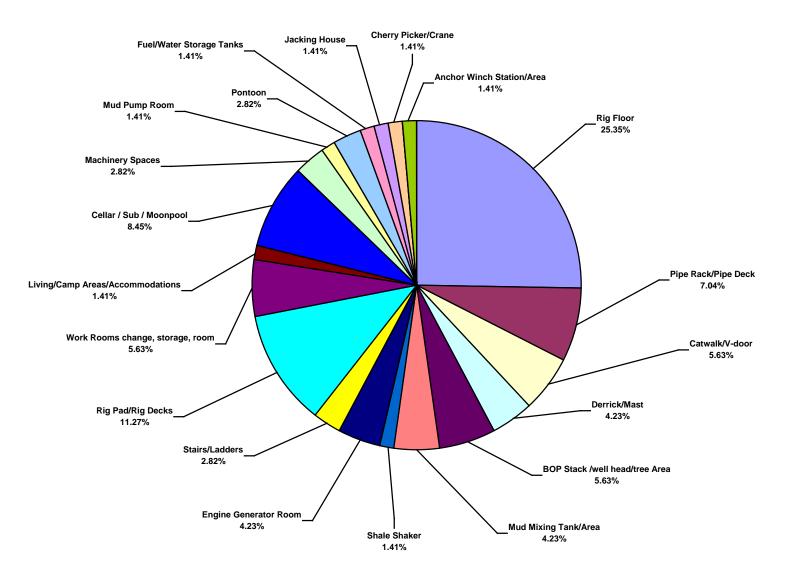
European Water Total Recordable Incidents by Operation (Chart 12) Based on 71 Incidents



Cherry Picker/Crane 5.88% Cellar / Sub / Moonpool 17.65% Rig Floor 35.29% Rig Pad/Rig Decks 11.76% Shale Shaker Pipe Rack/Pipe Deck 5.88% 11.76% Catwalk/V-door 5.88% Derrick/Mast 5.88%

European Water Total Lost Time Incidents by Location (Chart 13) Based on 17 Incidents

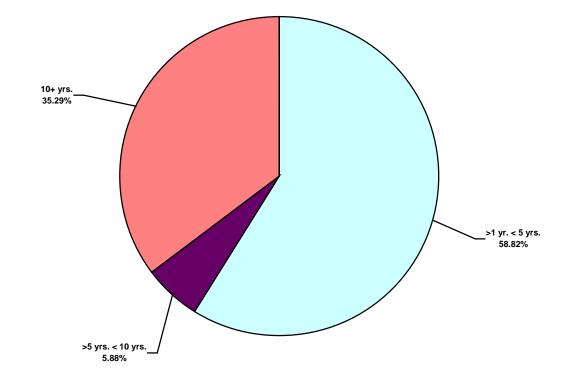




European Water Total Recordable Incidents by Location (Chart 14) Based on 71 Incidents

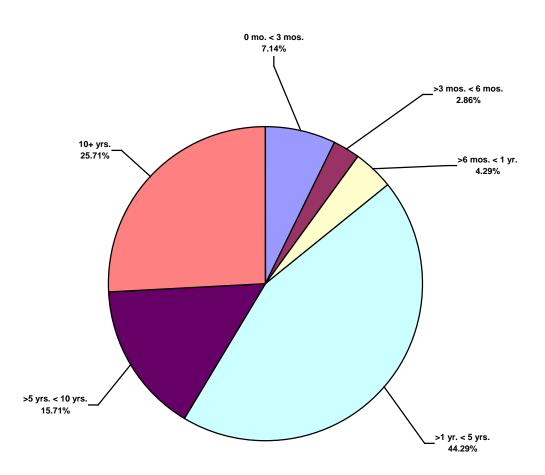


European Water Total Lost Time Incidents by Time in Service (Chart 15) Based on 17 Incidents



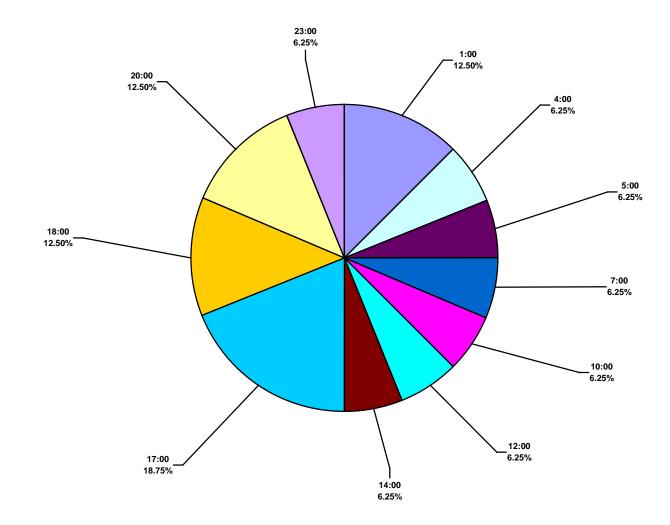


European Water Total Recordable Incidents by Time in Service (Chart 16) Based on 70 Incidents

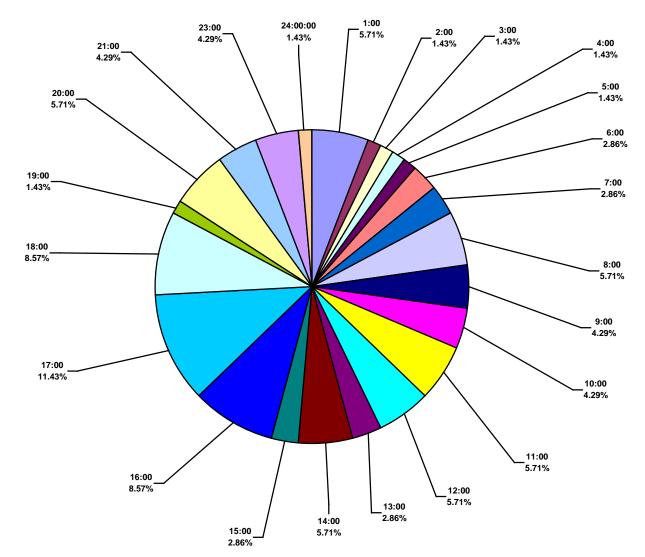




European Water Total Lost Time Incidents by Time of Day (Chart 17) Based on 16 Incidents



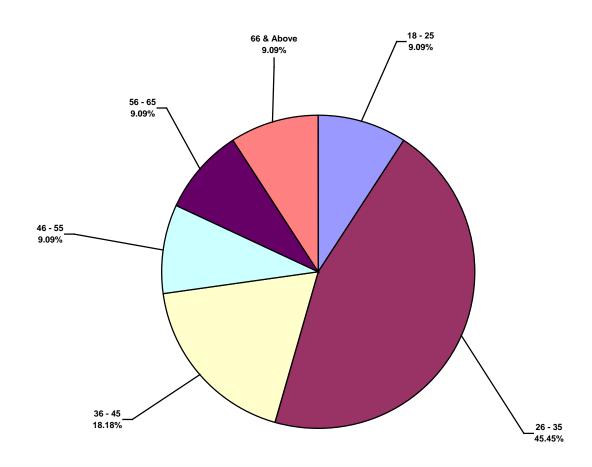




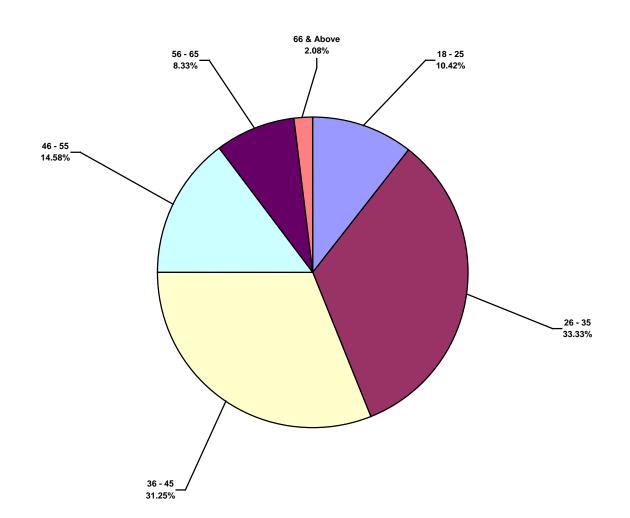
European Water Total Recordable Incidents by Time of Day (Chart 18) Based on 70 Incidents



European Water Total Lost Time Incidents by Age (Chart 19) Based on 11 Incidents







European Water Total Recordable Incidents by Age (Chart 20) Based on 48 Incidents