IADC
ISP PROGRAM

2013

Summary of Occupational Incidents
(Middle East Water Totals)

Issued 20 May 2014

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IADC 2013 Middle East Water Totals (Table 1)

	Total
Total Man-hours	35,468,581
Total Medical Treatment Incidents	13
Total Restricted Work Incidents	25
Total Lost Time Incidents	13
Total Fatalities	1
Total Recordables	52
MTO Incidence Rate	0.07
RWC Incidence Rate	0.14
LTI Incidence Rate	0.08
LTI Frequency Rate	0.39
DART Incidence Rate	0.22
DART Frequency Rate	1.10
Recordable Incidence Rate	0.29
Recordable Frequency Rate	1.47

Companies Reporting: Water – 17

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

Middle East Water Total Incidence Rates vs Man-hours (Figure 1)
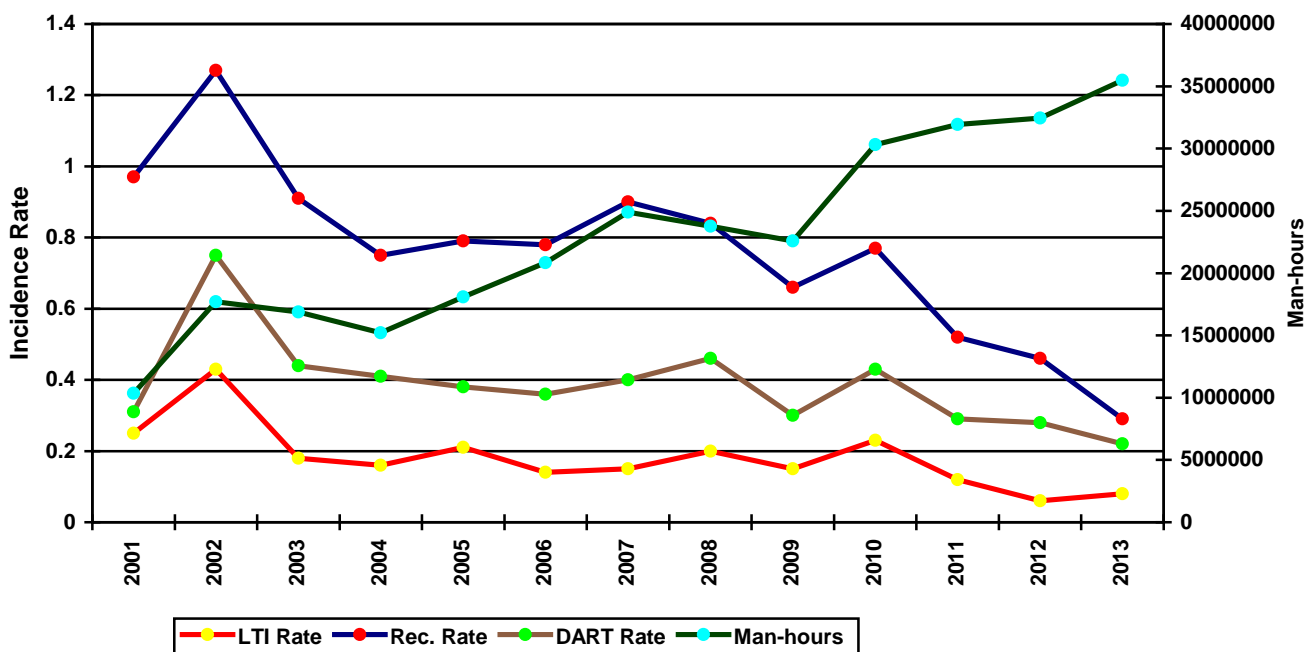
IADC 2013 Middle East Water Charts
Middle East Water Total Lost Time Incidents by Month (Chart 1)
Based on 13 Incidents

December
7.69%

January
7.69%

November
7.69%

March
15.38%

October
15.38%

April
7.69%

August
15.38%

June
15.38%

July
7.69%
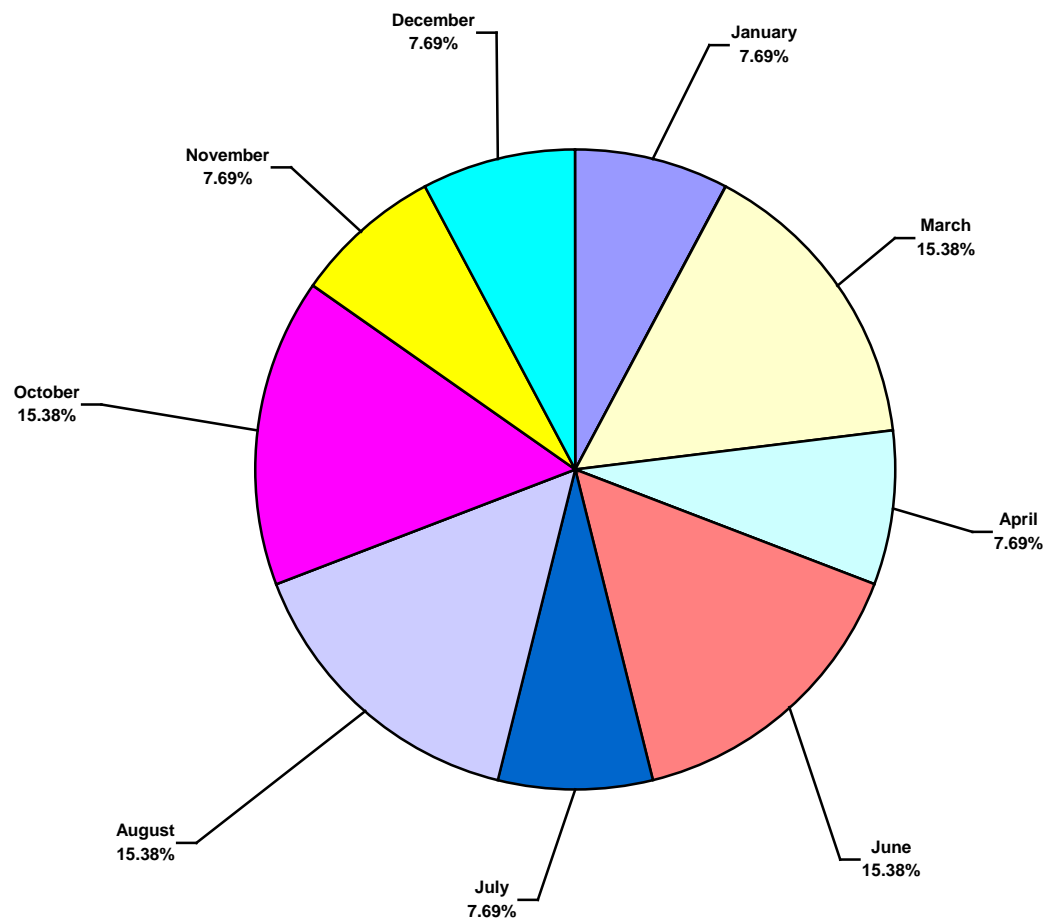
Middle East Water Total Recordable Incidents by Month (Chart 2)
Based on 52 Incidents

November
7.69%

December
1.92%

January
13.46%

February
5.77%

October
9.62%

March
3.85%

September
11.54%

April
5.77%

August
3.85%

May
7.69%

July
11.54%

June
17.31%
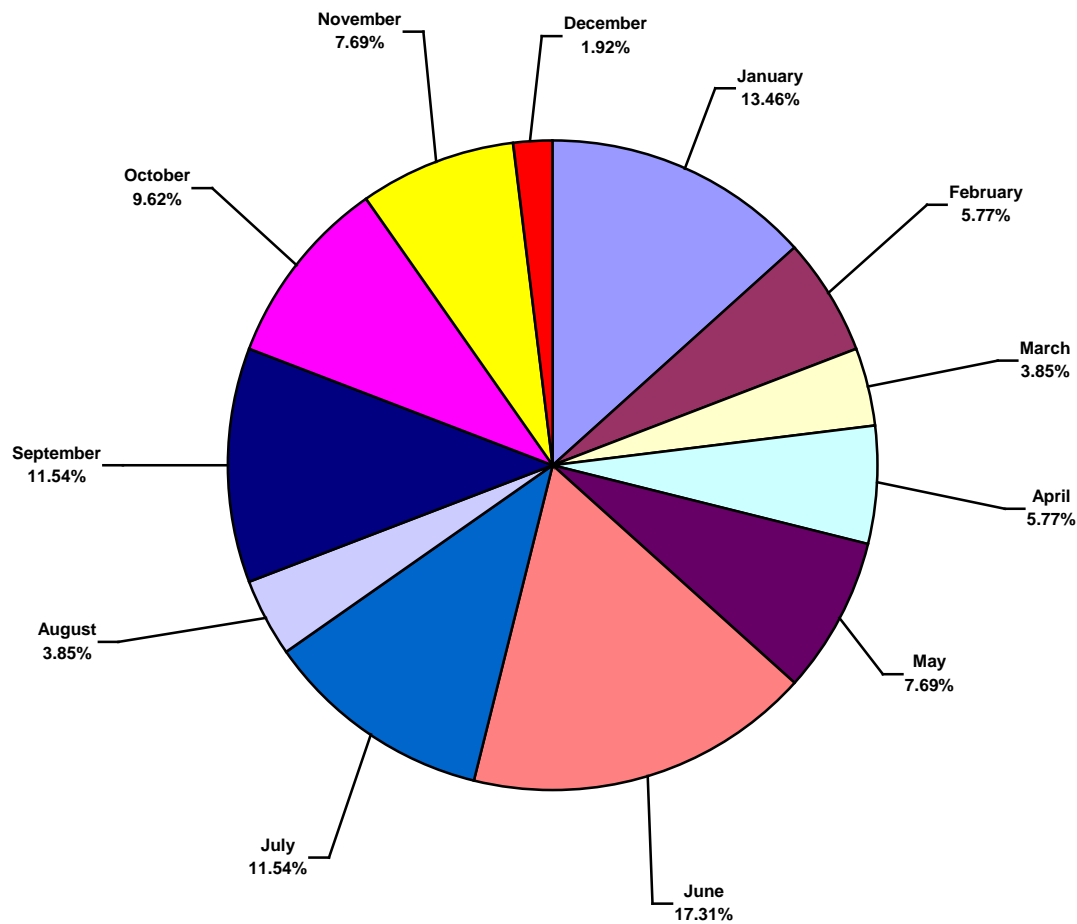
Middle East Water Total Lost Time Incidents by Occupation (Chart 3)
Based on 13 Incidents

Other
7.69%

Roustabout (Lease Hand)
7.69%

Marine Crew
7.69%

Subsea Engineer
7.69%

Floorman
38.46%

Crane Operator (Forklift Operator)
15.38%

Driller (Asst. Dr.)
15.38%
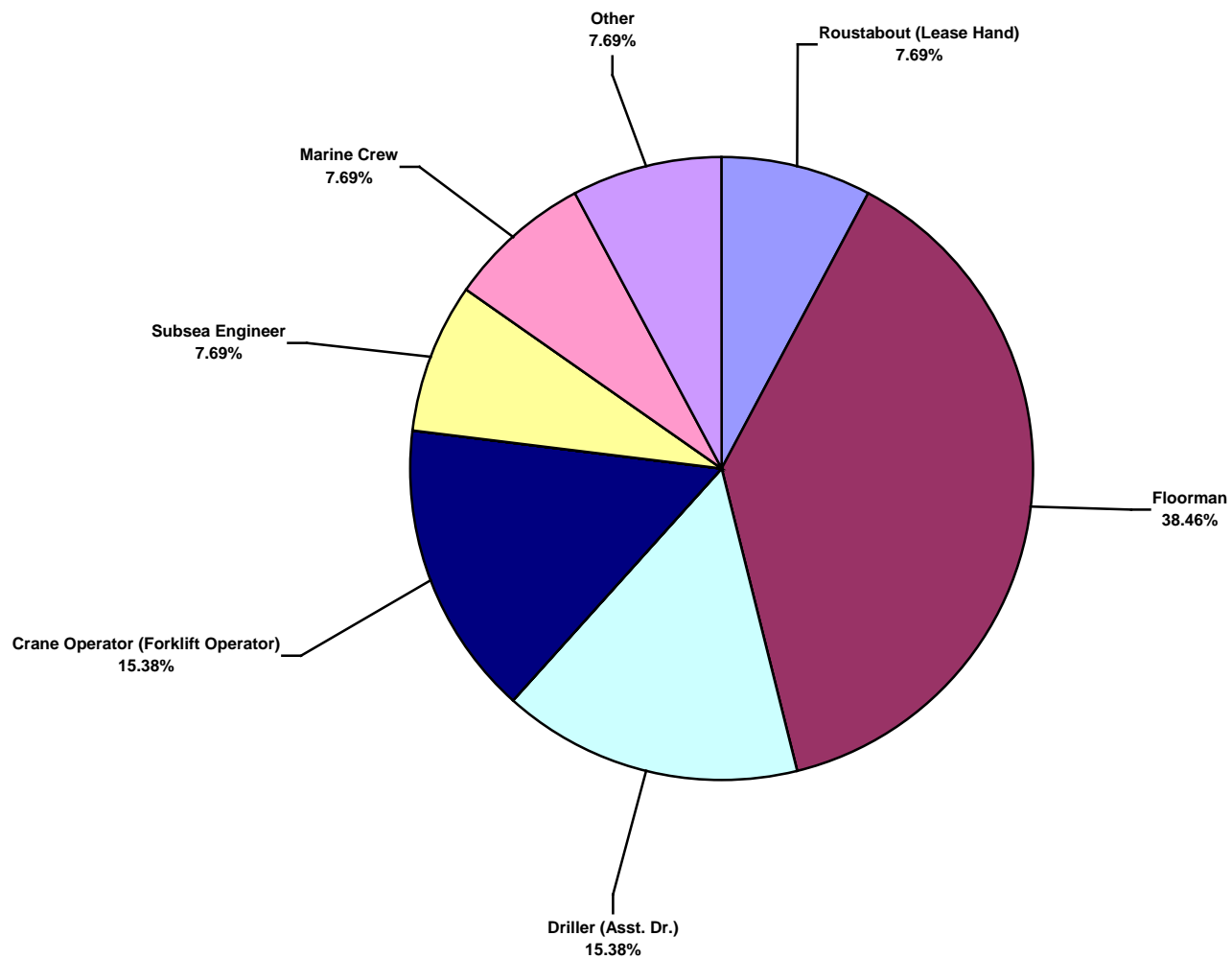
Middle East Water Total Recordable Incidents by Occupation (Chart 4)
Based on 52 Incidents

Marine Crew
1.92%

Other
15.38%

Subsea Engineer
1.92%

Roustabout (Lease Hand)
23.08%

Catering Personnel (Camp Staff)
1.92%

Welder
1.92%

Barge Engineer/Ballast Control
Op.
1.92%

Crane Operator (Forklift Operator)
3.85%

Mechanic (Repair Technician)
3.85%

Floorman
26.92%

Motorman
3.85%

Derrickman
1.92%

Toolpusher (Asst.TP, Tourpusher)
1.92%

Driller (Asst. Dr.)
9.62%
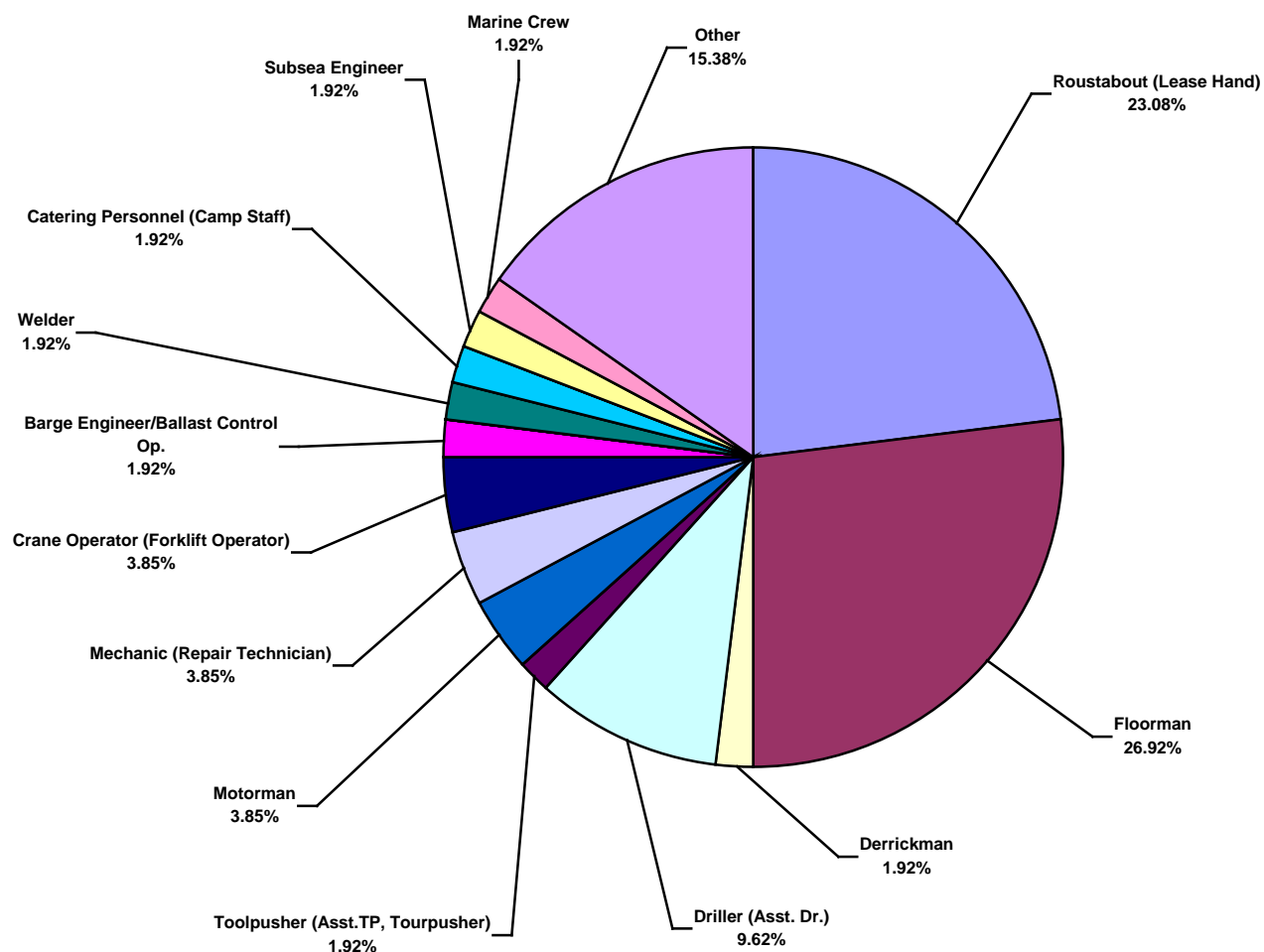
Middle East Water Total Lost Time Incidents by Body Part (Chart 5)
Based on 13 Incidents

Knee(s)
7.69%

Head
15.38%

Feet/Ankles
15.38%

Back
7.69%

Arm(s)
7.69%

Leg(s)
7.69%

Hand(s) / Wrist(s)
15.38%

Finger(s) (thumb(s))
23.08%
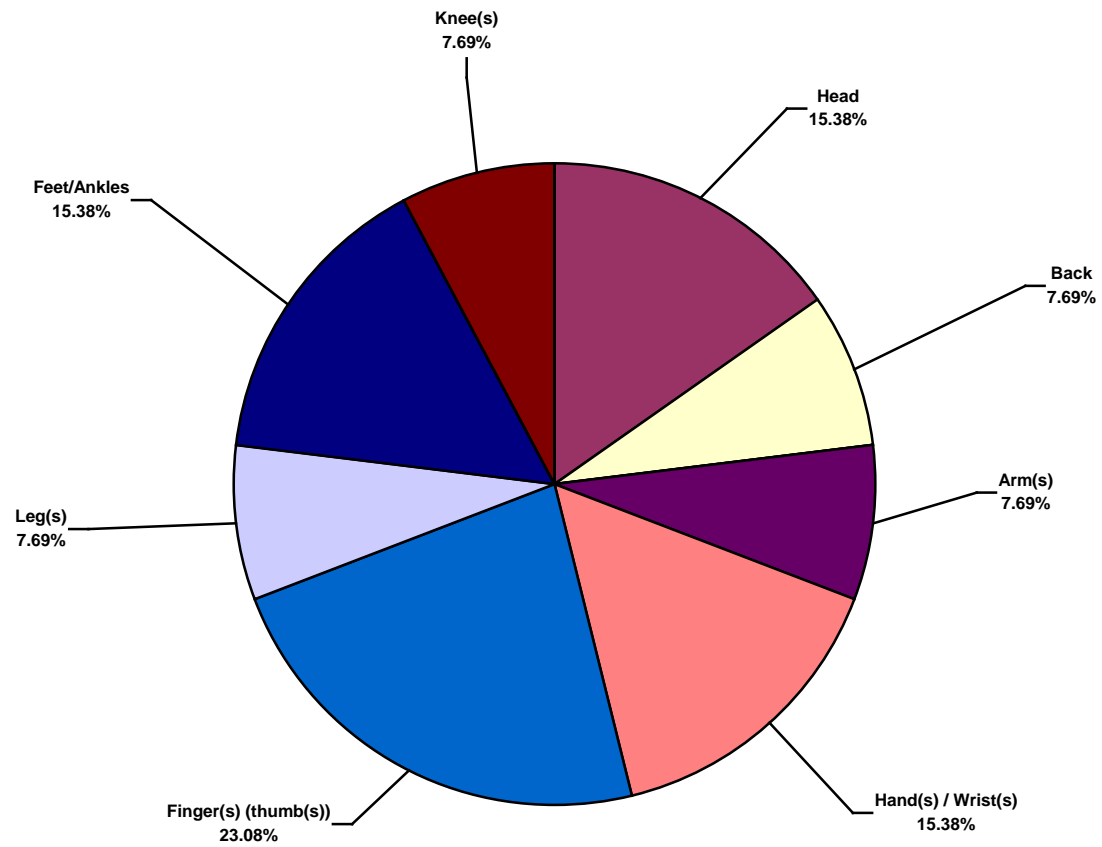
Middle East Water Total Recordable Incidents by Body Part (Chart 6)
Based on 52 incidents

Shoulder(s)
3.85%

Knee(s)
1.92%

Other
1.92%

Eyes
3.85%

Head
13.46%

Feet/Ankles
9.62%

Back
3.85%

Leg(s)
7.69%

Trunk/Torso
3.85%

Arm(s)
5.77%

Hand(s) / Wrist(s)
7.69%

Finger(s) (thumb(s))
36.54%
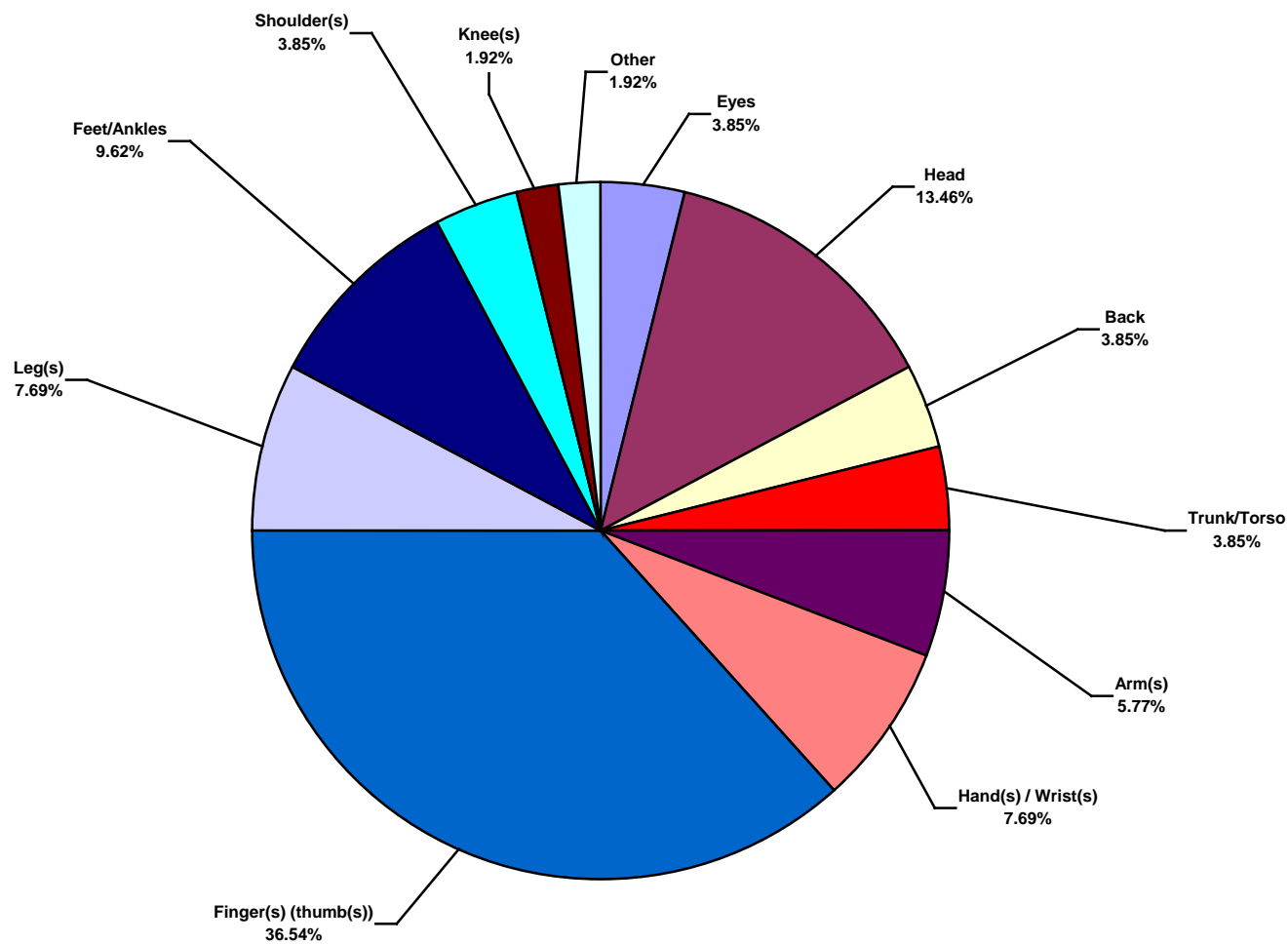
Middle East Water Total Lost Time Incidents by Incident Type (Chart 7)
Based on 13 Incidents

Other
7.69%

Struck By
30.77%

Cut
15.38%

Strain/Overexertion
7.69%

Slip/Fall: Same Level
15.38%

Caught Between/In
23.08%
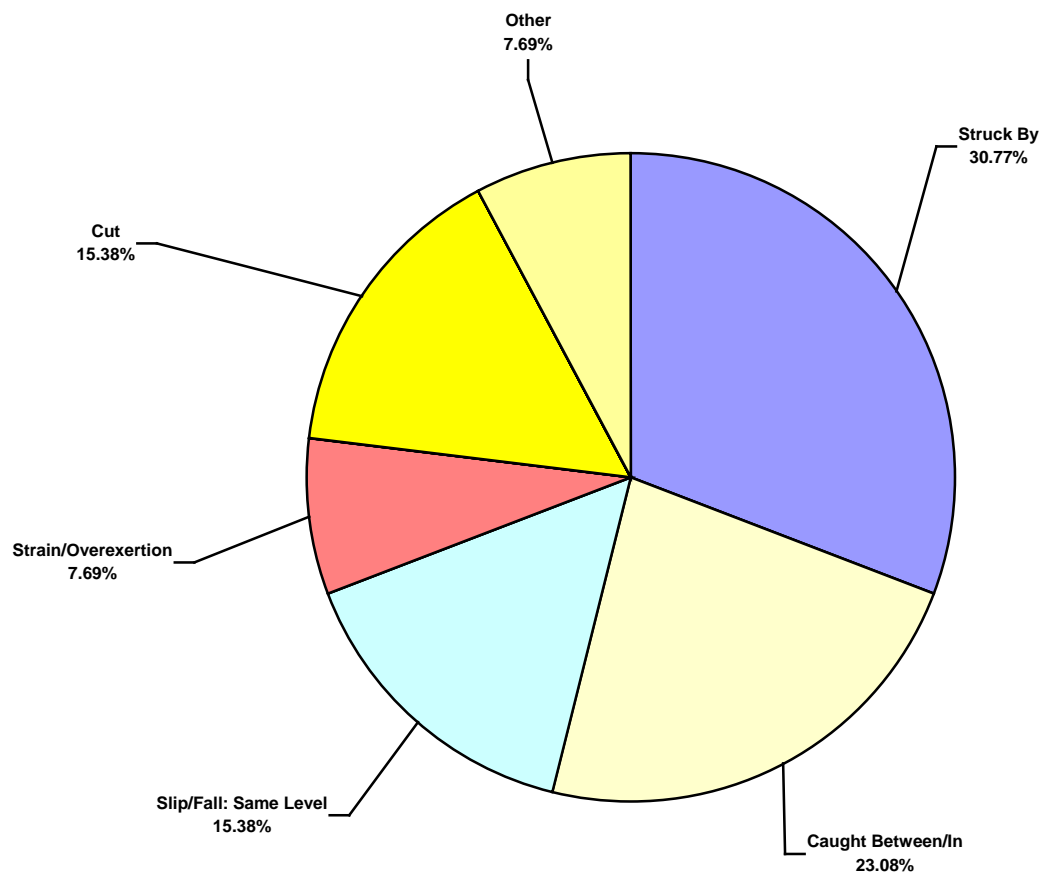
Middle East Water Total Recordable Incidents by Incident Type (Chart 8)
Based on 52 Incidents

- Heat Exhaustion/Heat Stroke 1.92%
- Other 3.85%
- Sprain 1.92%
- Struck By 17.31%
- Cut 5.77%
- Debris 1.92%
- Struck Against 3.85%
- Contact With Chemicals/Fluids 1.92%
- Strain/Overexertion 7.69%
- Slip/Fall: Different Level 3.85%
- Slip/Fall: Same Level 9.62%
- Caught Between/In 40.38%
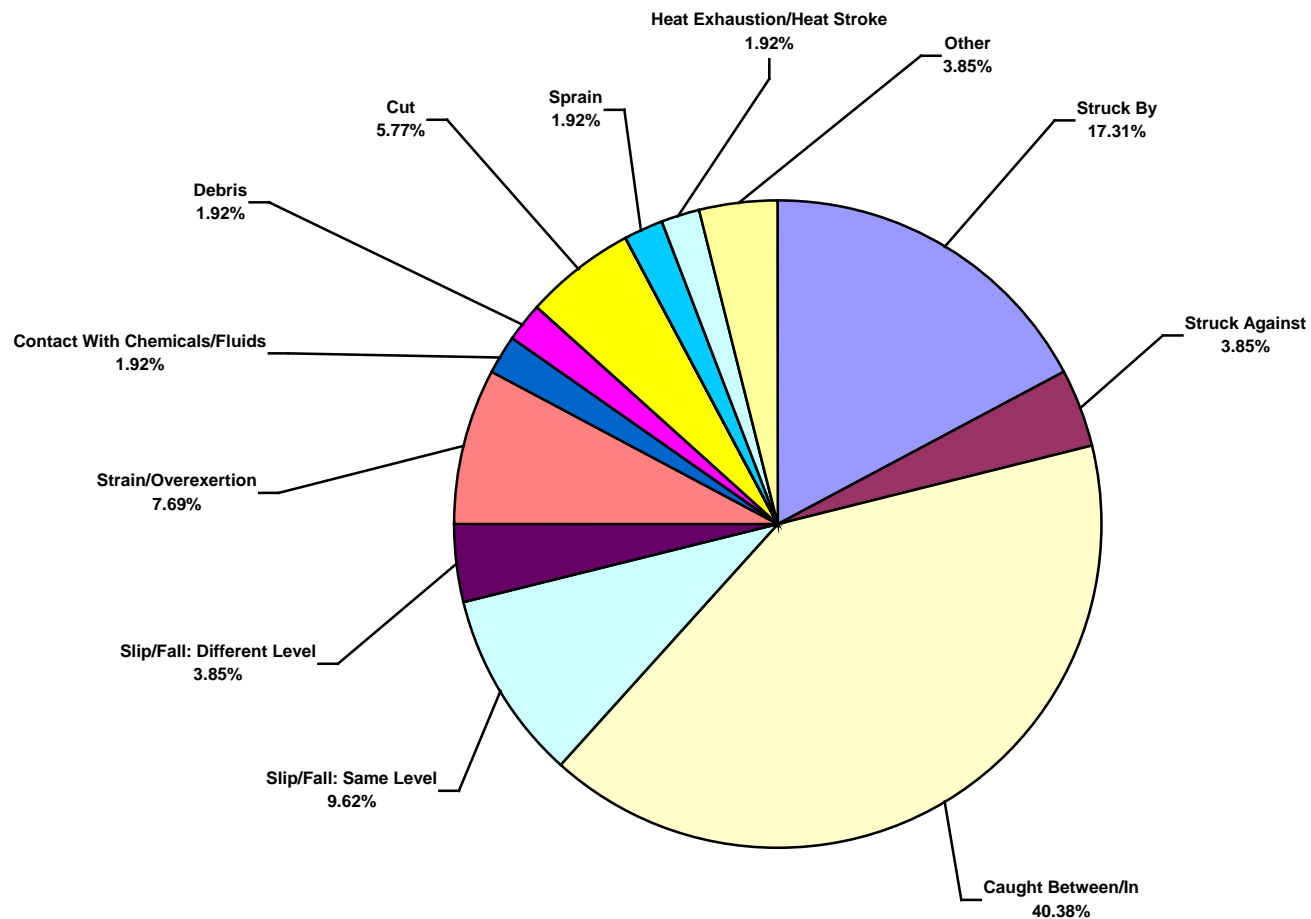
Middle East Water Total Lost Time Incidents by Equipment (Chart 9)
Based on 13 Incidents

Elevators
7.69%

Rotary
7.69%

Pipes/Collars/Tubulars/
Csg.
23.08%

Other
15.38%

Welding, Cutting,
Grinding Equipment
7.69%

Ladders
7.69%

Crane
7.69%

Well Control BOP Stack
(well head, tree)
7.69%

Slings (rope, cable,
chain, web)
15.38%
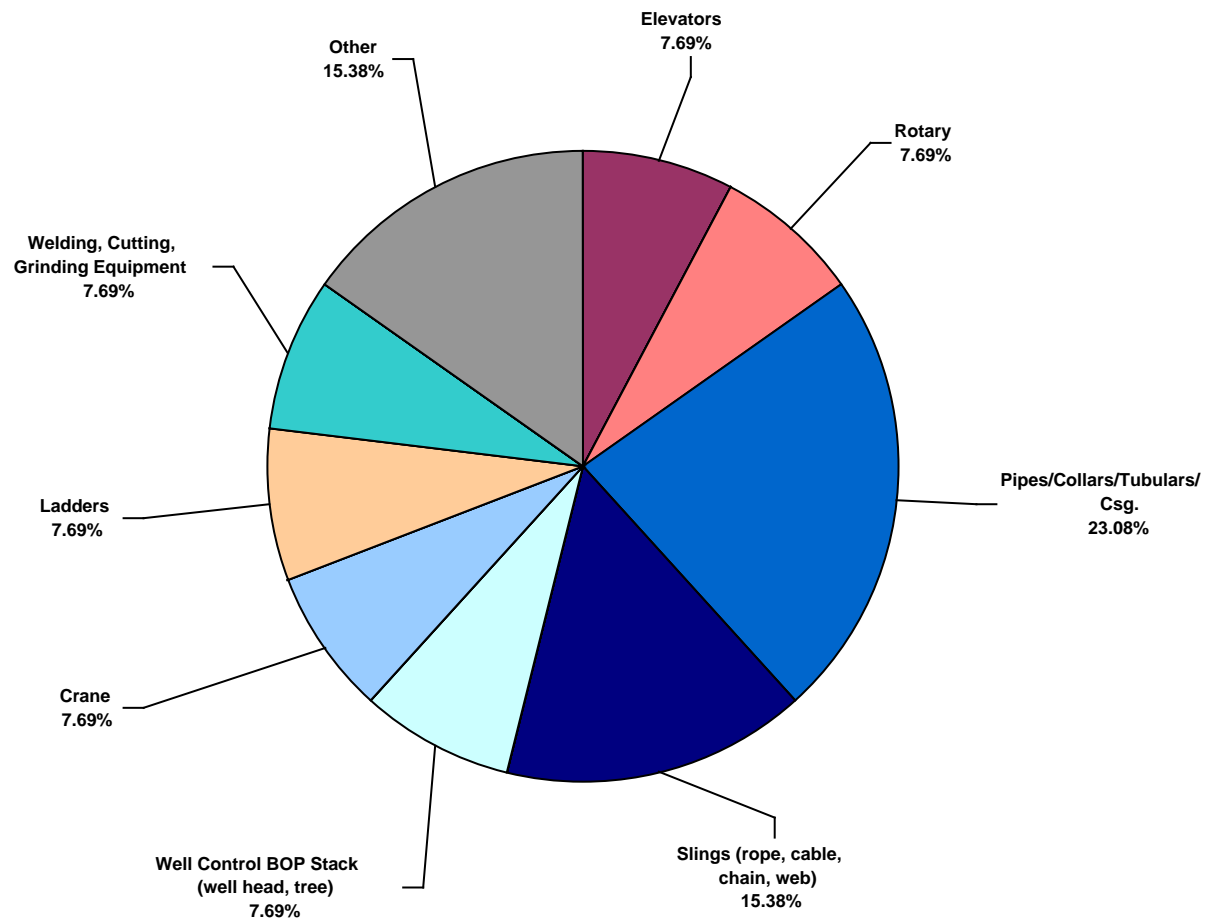
Middle East Water Total Recordable Incidents by Equipment (Chart 10)
Based on 52 Incidents

Tongs
5.77%

Elevators
1.92%

Rotary
1.92%

Other
23.08%

Pipes/Collars/Tubulars/Csg.
15.38%

Boat Cargo
1.92%

Rig Floor Winch/Deck Winch
1.92%

Slings (rope, cable, chain, web)
9.62%

Chemicals
1.92%

Welding, Cutting, Grinding
Equipment
3.85%

Hand Tools: Manual
7.69%

Decks (grating, walkway)
1.92%

Ladders
1.92%

Hand Tools: Power
1.92%

Forklift
3.85%

Crane
5.77%

Material
3.85%

BOP Stack (well head, tree)
5.77%
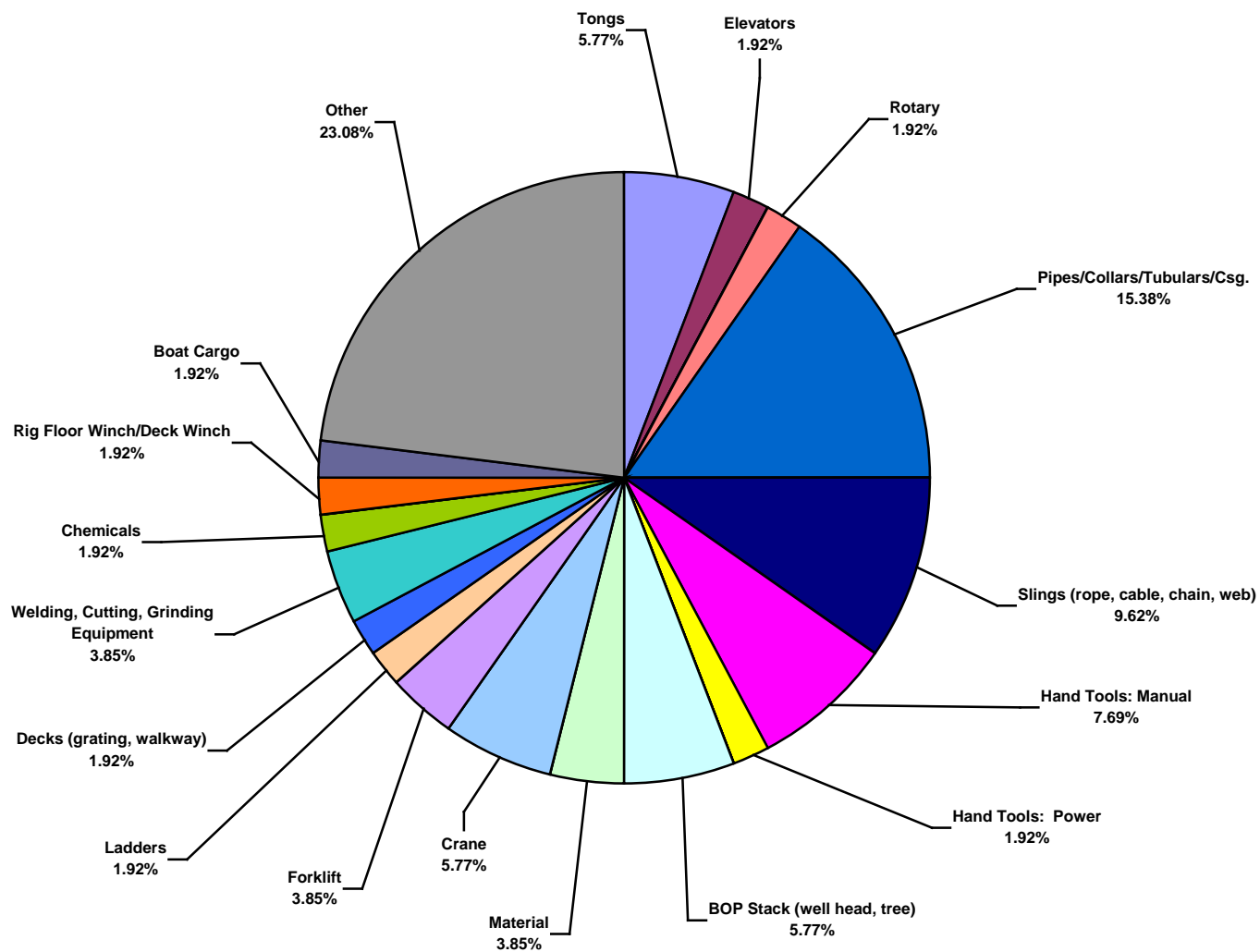
Middle East Water Total Lost Time Incidents by Operation (Chart 11)
Based on 13 Incidents

Other
15.38%

Tripping in/out
30.77%

Equipment Repairs or
Maintenance
7.69%

BOP Stack Install/Maintenance
7.69%

Laying Down/Picking up Pipe/Tub
7.69%

Rigging Up/Down Rig Move
15.38%

Material Handling: Crane/Cherry
Picker
7.69%

Material Handling: Manual
7.69%
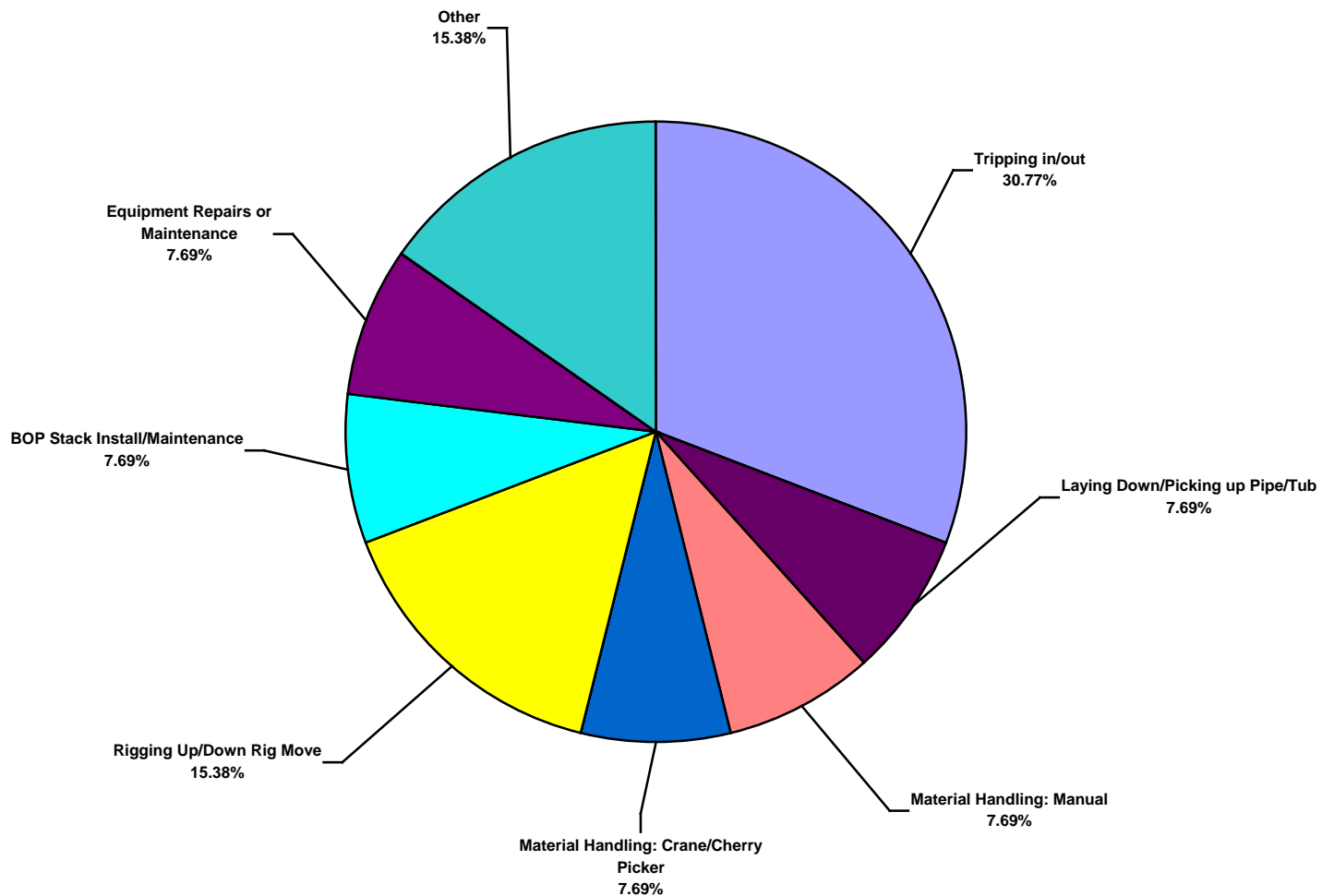
Middle East Water Total Recordable Incidents by Operation (Chart 12)
Based on 52 Incidents

Tripping in/out
11.54%

Making Connection
1.92%

Routine Drilling Operations
1.92%

Running Casing/Tubing
3.85%

Laying Down/Picking up Pipe/Tub
5.77%

Material Handling: Manual
15.38%

Material Handling: Crane/Cherry Picker
7.69%

Material Handling: Forklift
1.92%

Material Handling: Rig Floor Winch
1.92%

Rigging Up/Down Rig Move
5.77%

BOP Stack Install/Maintenance
7.69%

Equipment Repairs or Maintenance
5.77%

Mud Mixing/Pumping
3.85%

Special Operations
1.92%

Walking
1.92%

Well Testing
1.92%

Jacking Up/Down Operations
1.92%

Other
17.31%

Middle East Water Total Lost Time Incidents by Location (Chart 13)
### Based on 13 Incidents

Other
7.69%

Cherry Picker/Crane
7.69%

Rig Floor
23.08%

Cellar/Substructure/Moonpool
7.69%

Pipe Rack/Pipe Deck
7.69%

Crew/Work Boats
7.69%

Rig Pad/Rig Decks (rig/well
site/location, yard)
15.38%

Derrick/Mast
15.38%

BOP Stack (well head/tree) Area
7.69%
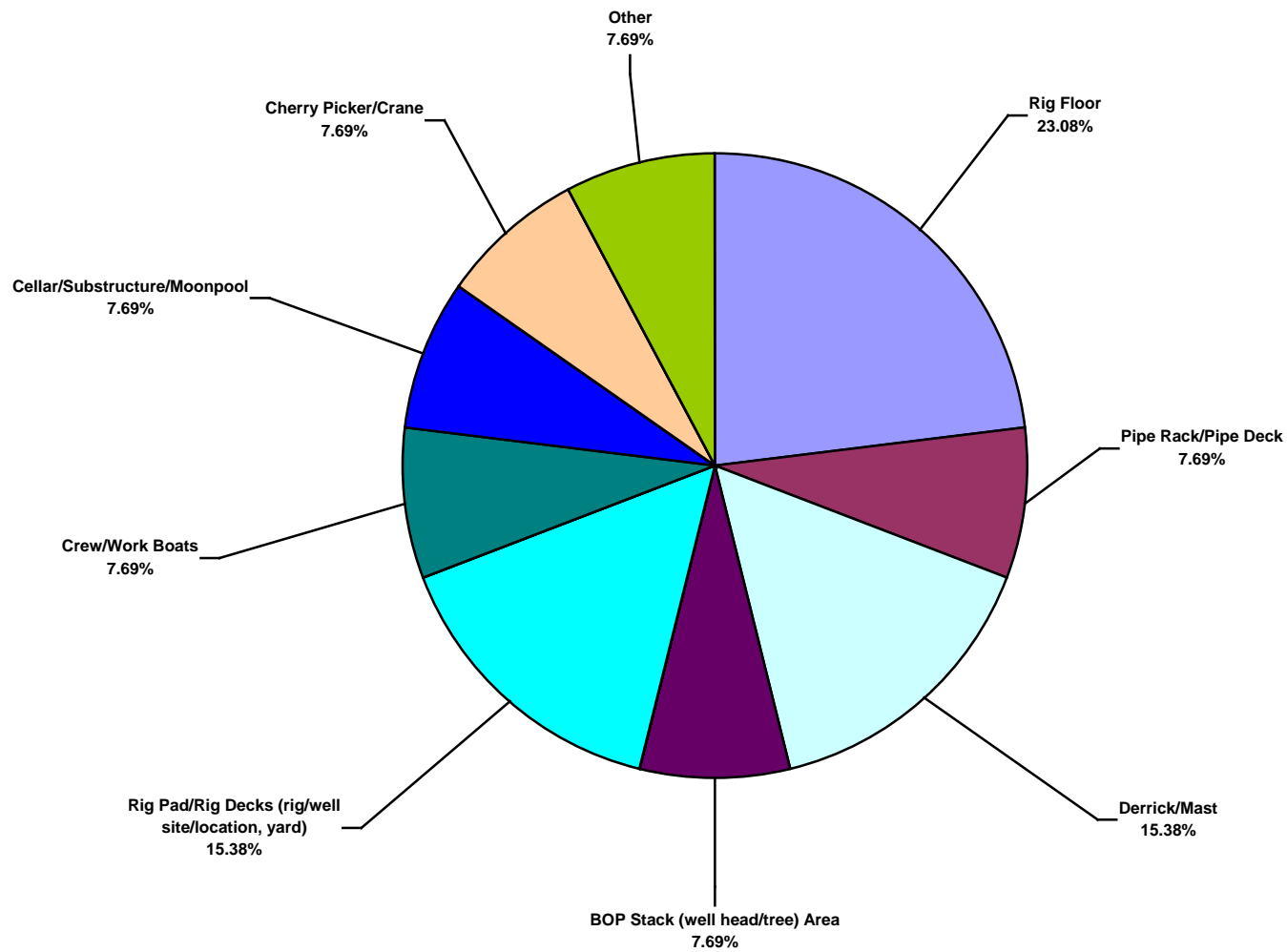
Middle East Water Total Recordable Incidents by Location (Chart 14)
Based on 52 Incidents

Other
17.31%

Rig Floor
15.38%

Forklift
3.85%

Pipe Rack/Pipe Deck
11.54%

Cherry Picker/Crane
3.85%

Catwalk/V-door
1.92%

Jacking House
1.92%

Pontoon
1.92%

Derrick/Mast
7.69%

Machinery Spaces
1.92%

BOP Stack (well head/tree) Area
5.77%

Cellar/Sub./Moonpool
1.92%

Crew/Work Boats
1.92%

Camp/Accommodations Areas
1.92%

Engine/Generator Room
1.92%

Work, change,storage room
1.92%

Rig Pad/Rig Decks (rig/well
site/location, yard)
17.31%
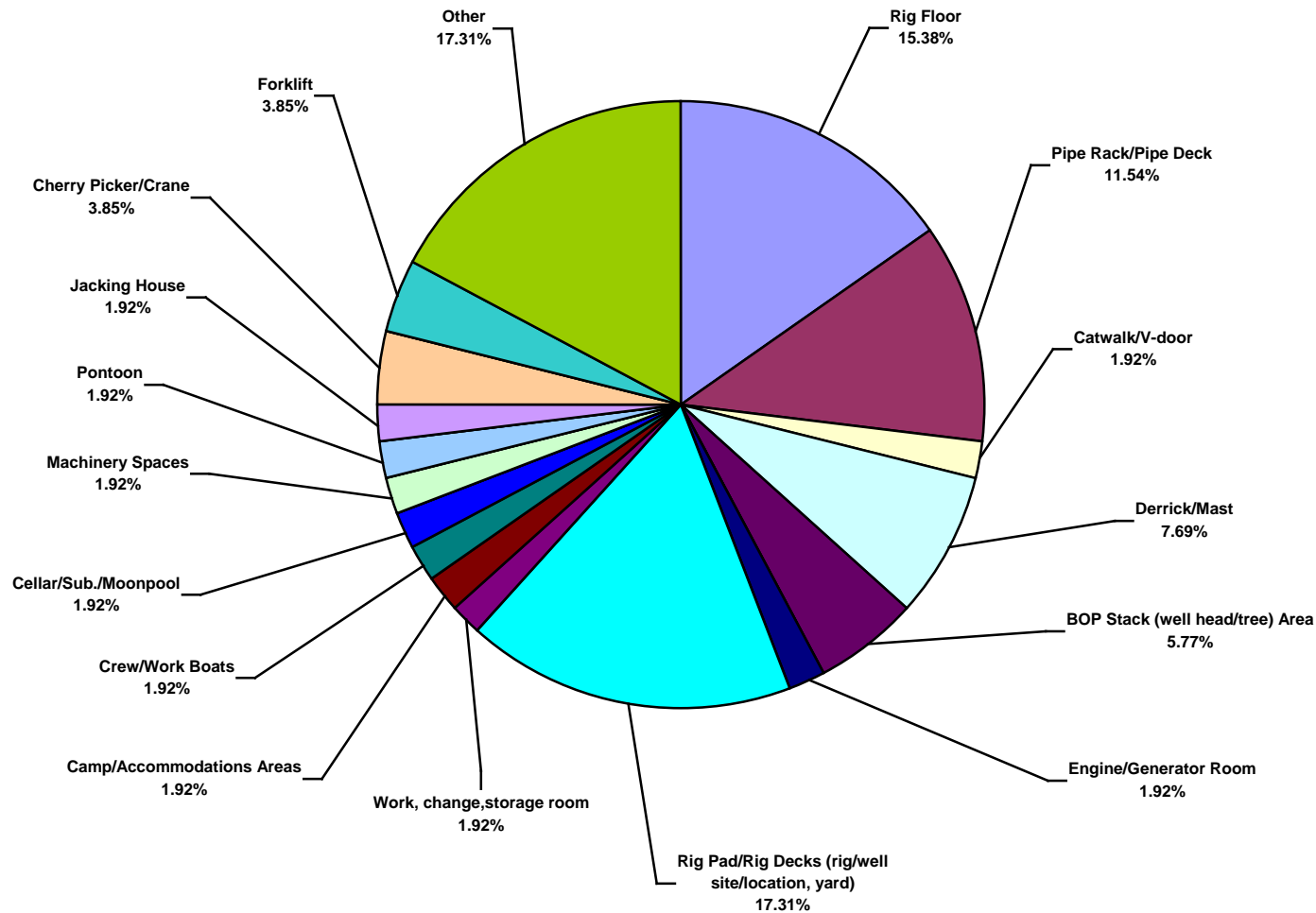
Middle East Water Total Lost Time Incidents by Time in Service (Chart 15)
Based on 13 Incidents

0 mo. < 3 mos.
7.69%

>6 mos. < 1 yr.
15.38%

>5 yrs. < 10 yrs.
30.77%

>1 yr. < 5 yrs.
46.15%
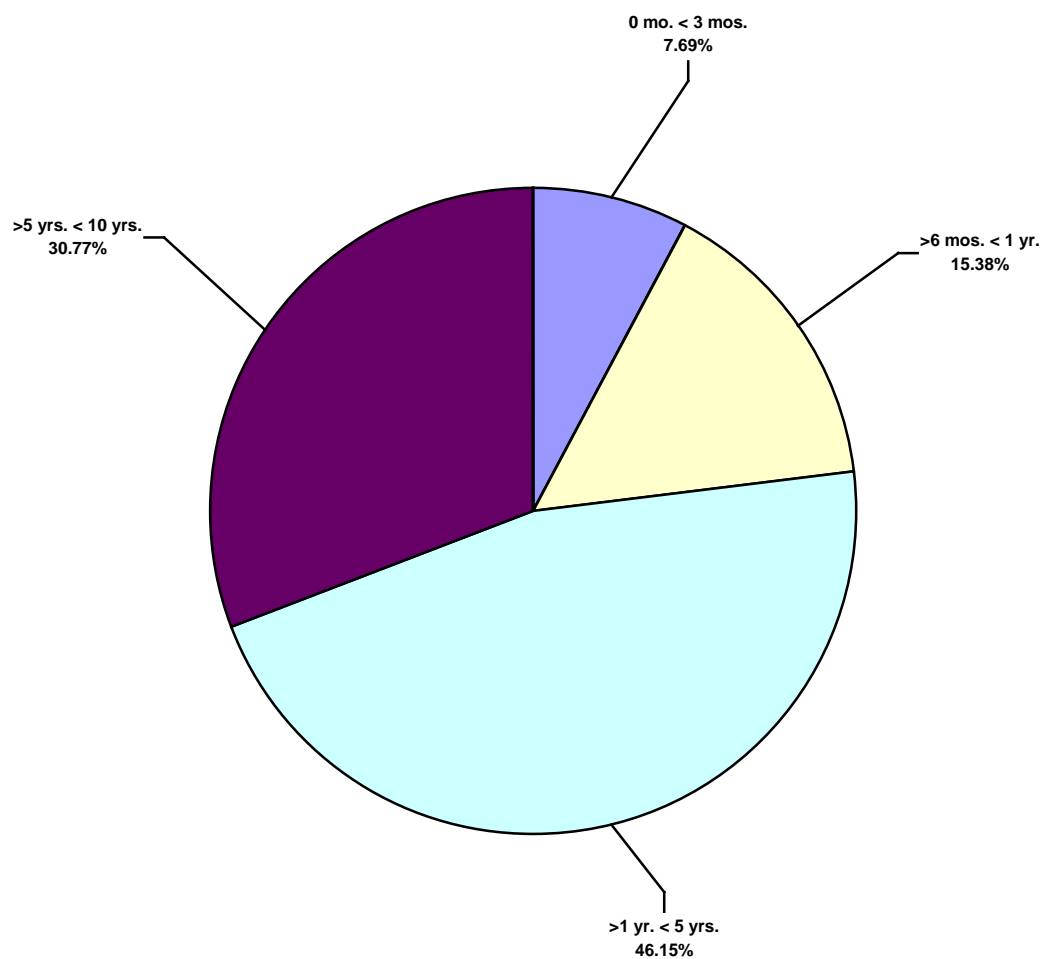
Middle East Water Total Recordable Incidents by Time in Service (Chart 16)
Based on 52 Incidents

0 mo. < 3 mos.
9.62%

>3 mos. < 6 mos.
7.69%

>6 mos. < 1 yr.
17.31%

>1 yr. < 5 yrs.
36.54%

>5 yrs. < 10 yrs.
13.46%

10+ yrs.
15.38%
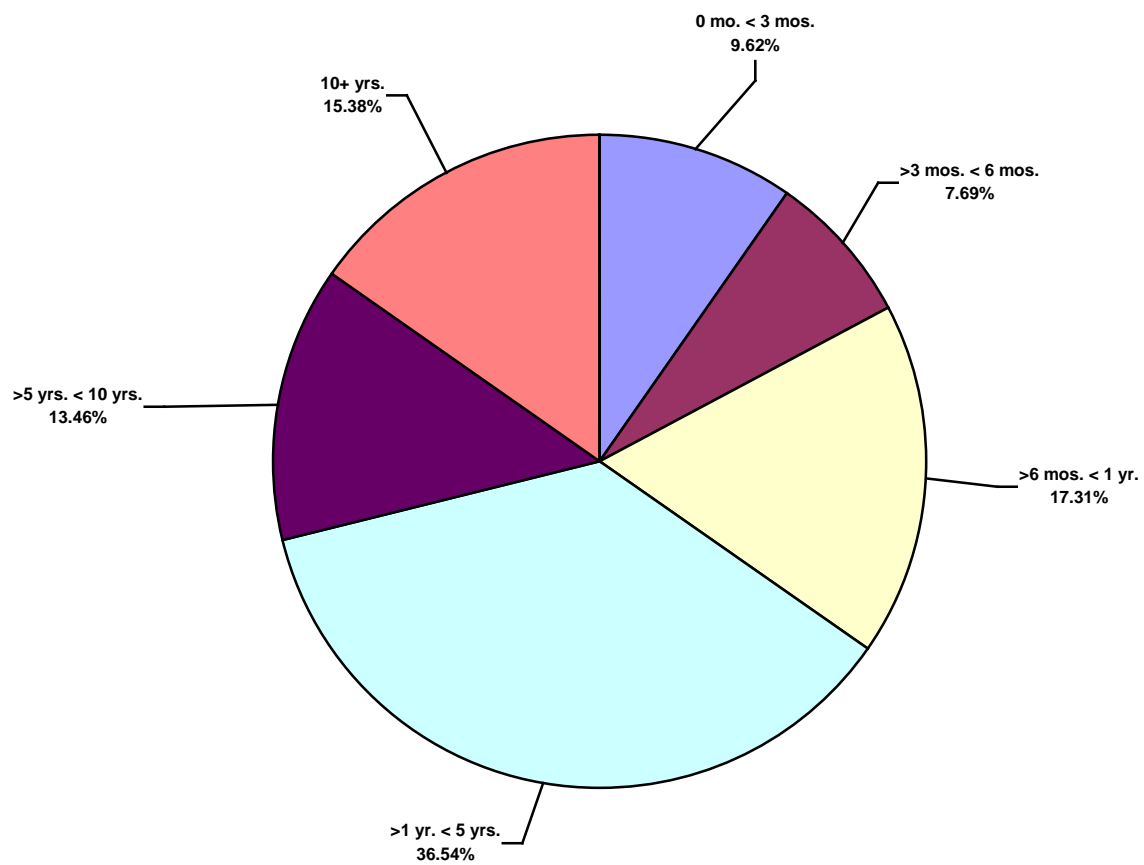
Middle East Water Total Lost Time Incidents by Time of Day (Chart 17)
Based on 13 Incidents

17:00
7.69%

4:00
15.38%

16:00
7.69%

7:00
7.69%

15:00
23.08%

8:00
7.69%

9:00
7.69%

14:00
15.38%

11:00
7.69%
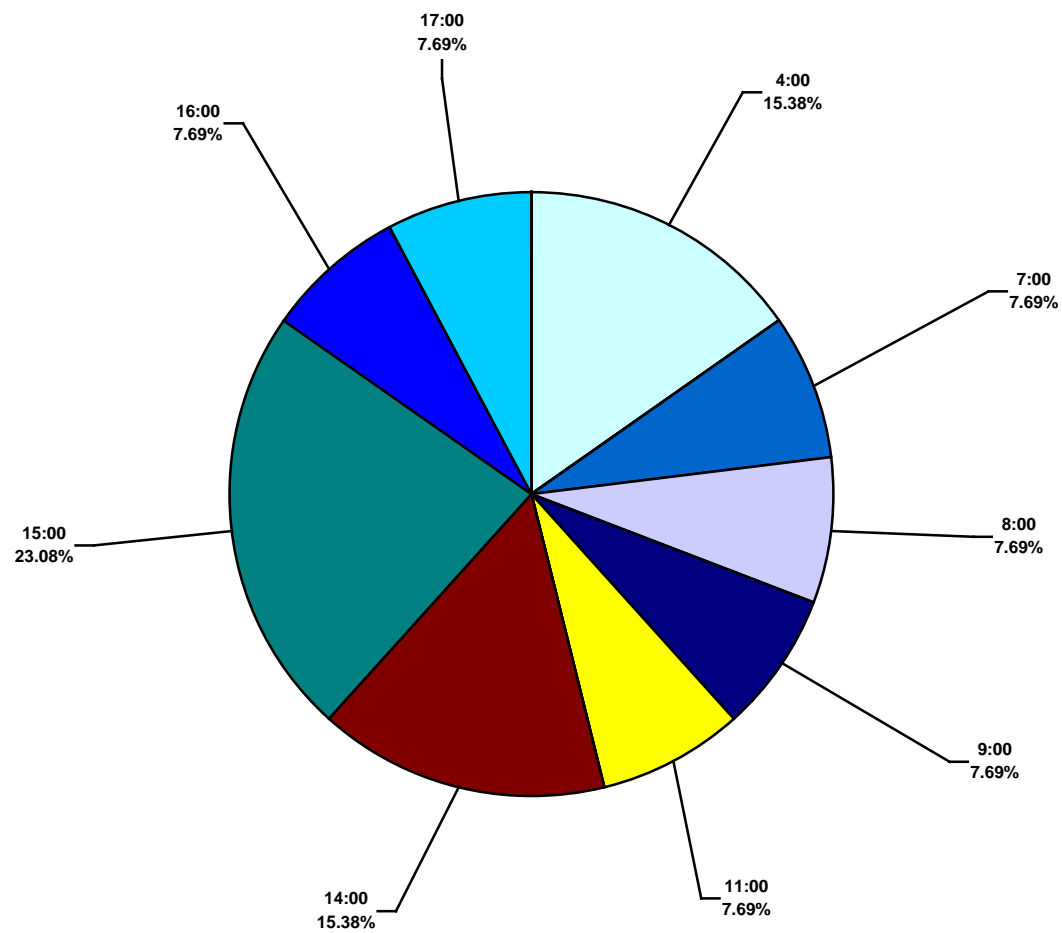
Middle East Water Total Recordable Incidents by Time of Day (Chart 18)
Based on 52 Incidents

- 1:00 1.92%
- 2:00 1.92%
- 3:00 7.69%
- 4:00 9.62%
- 5:00 3.85%
- 7:00 5.77%
- 8:00 7.69%
- 9:00 7.69%
- 10:00 7.69%
- 11:00 7.69%
- 12:00 1.92%
- 13:00 1.92%
- 14:00 5.77%
- 15:00 5.77%
- 16:00 5.77%
- 17:00 3.85%
- 18:00 1.92%
- 19:00 1.92%
- 22:00 1.92%
- 23:00 7.69%

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