

IADC ISP Program 2024

SUMMARY OF OCCUPATIONAL INCIDENTS

Issued 5 February 2025

ASIA PACIFIC Water Totals

IADC ISP Program 2024: Summary of Occupational Incidents (Asia Pacific Water Totals)

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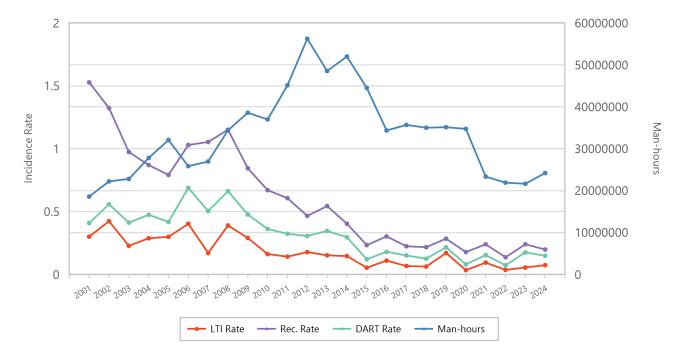
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ISP 2024 Asia Pacific Water Totals (Table 1)

Asia Pacific - Water Totals	TOTAL
TOTAL MAN-HOURS	24,207,681
TOTAL MEDICAL TREATMENT INCIDENTS	6
TOTAL RESTRICTED WORK INCIDENTS	9
TOTAL LOST TIME INCIDENTS	9
TOTAL FATALITIES	0
TOTAL RECORDABLES	24
MTO INCIDENCTE RATE	0.05
RWC INCIDENCTE RATE	0.07
LTI INCIDENCTE RATE	0.07
LTI FREQUENCY RATE	0.37
DART INCIDENCTE RATE	0.15
DART FREQUENCY RATE	0.74
RECORDABLE INCIDENCTE RATE	0.20
RECORDABLE FREQUENCY RATE	0.99

Companies Reporting: 19

MEDICAL TREATMENT INCIDENCE RATE = MTOS X 200,000 / MAN-HOURS (LTIS NOT INCLUDED) RESTRICTED WORK INCIDENCE RATE = RWCS X 200,000 / MAN-HOURS (LTIS NOT INCLUDED) LOST TIME INCIDENCE RATE -(LTIS+FTLS) X 200,000 / MAN-HOURS LOST TIME FREQUENCY RATE =(LTIS+FTLS) X 1,000,000 / MAN-HOURS DART INCIDENCE RATE - (LTIS+FTLS+RWCS) X 200,000 / MAN-HOURS DART FREQUENCY RATE - (LTIS+FTLS+RWCS) X 1,000,000 / MAN-HOURS RECORDABLE INCIDENCE RATE = RECORDABLES X 200,000 / MAN-HOURS RECORDABLE FREQUENCY RATE = RECORDABLES X 1,000,000 / MAN-HOURS

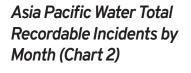


Asia Pacific Water Total Incidence Rates vs Man-hours (Figure 1)

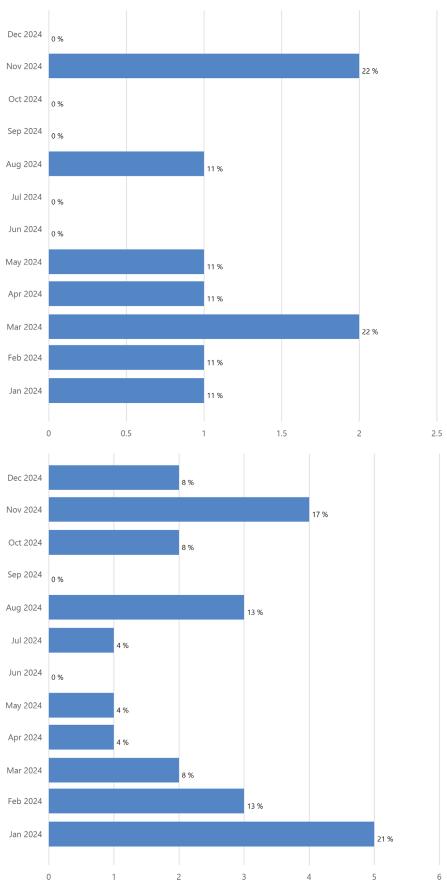
IADC 2024 Asia Pacific Water Charts

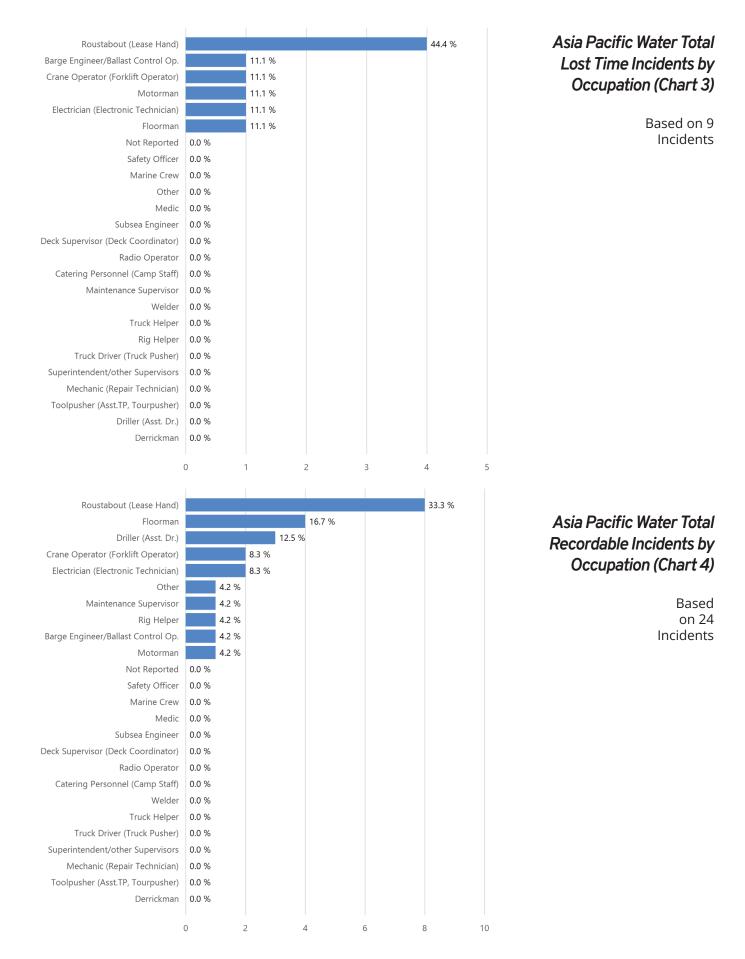
Asia Pacific Water Total Lost Time Incidents by Month (Chart 1)

Based on 9 Incidents

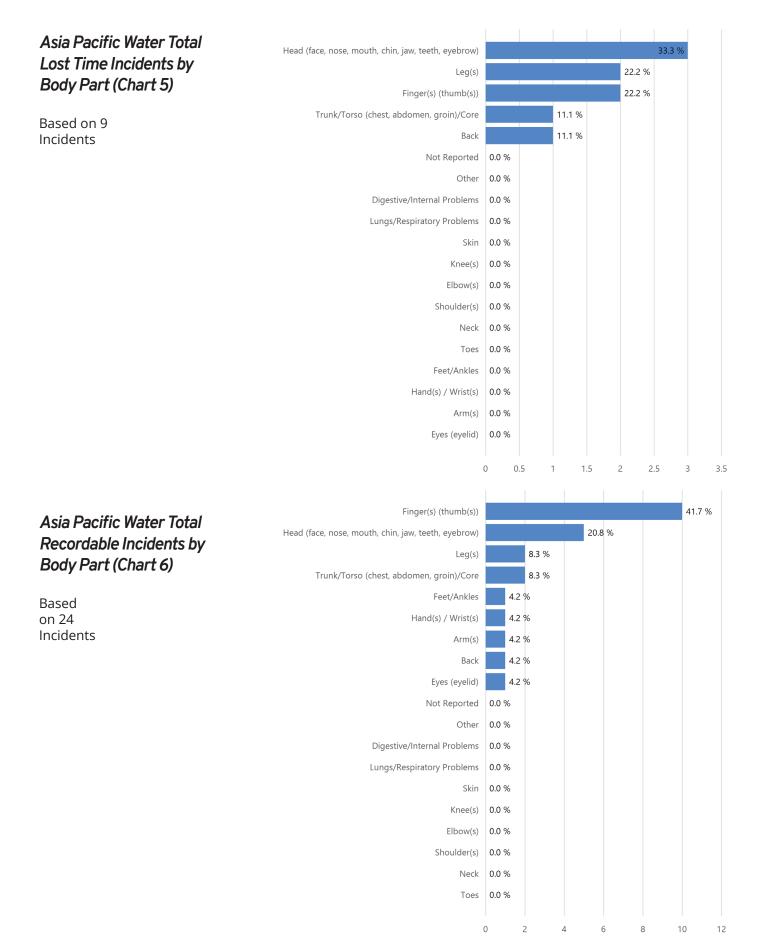


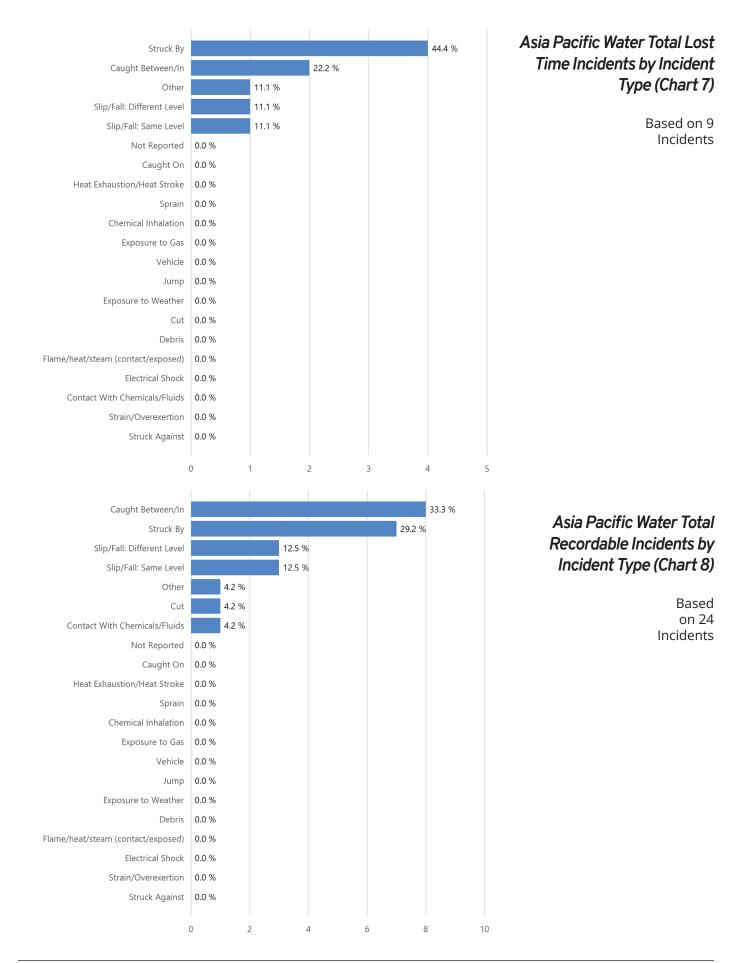
Based on 24 Incidents





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Asia Dasifia Watan Tatal			22.2.0/
Asia Pacific Water Total	Crane - Cherry Picker Other	11.1 %	33.3 %
Lost Time Incidents by	Anchor Handling -Chains/Cables/Winches	11.1 %	
Equipment (Chart 9)	Top Drive (blocks, swivel, kelly)	11.1 %	
Equipment (Chart 9)	Pressure Hoses/Lines	11.1 %	
	Hand Tools: Manual Slings (rope, cable, chain, web)	11.1 % 11.1 %	
Based on 9	Not Reported	0.0 %	
Incidents	Drill Line	0.0 %	
	Forklift	0.0 %	
	Winch Truck	0.0 %	
	Transportation - helicopter	0.0 %	
	Transportation - car, truck, bus Boat Cargo (skids, tubulars, containers, etc.)	0.0 % 0.0 %	
	Rig Floor Winch/Deck Winch (air/hydraulic)	0.0 %	
	Chemicals (sack, drum, pail, bulk hopper)	0.0 %	
	Welding, Cutting, Grinding Equipment	0.0 %	
	Decks (grating, walkway)	0.0 %	
	Ladders	0.0 %	
	Material Well Control (BOP) Stack (well head, tree)	0.0 % 0.0 %	
	Stairs	0.0 %	
	Kelly Bushings (master bushings)	0.0 %	
	Transportation - boat	0.0 %	
	Engines/Pumps/Machinery	0.0 %	
	Hand Tools: Power	0.0 %	
	Cathead/Drawworks Pipes/Collars/Tubulars/Csg.	0.0 % 0.0 %	
	Rotary	0.0 %	
	Iron Roughneck, Pipe Spinner, etc.	0.0 %	
	Spinning Chain	0.0 %	
	Slips (drill collar clamp)	0.0 %	
	Elevators	0.0 %	
	Tongs	0.0 %	
	Other		20.8 %
Asia Pacific Water Total Recordable Incidents by Equipment (Chart 10) Based on 24 Incidents	Other Crane - Cherry Picker Well Control (BOP) Stack (well head, tree) Hand Tools: Manual Tongs Not Reported Anchor Handling - Chains/Cables/Winches Top Drive (blocks, swivel, kelly) Pressure Hoses/Lines Material Stairs Slings (rope, cable, chain, web) Iron Roughneck, Pipe Spinner, etc. Drill Line Forklift Winch Truck Transportation - helicopter Transportation - helicopter Transportation - helicopter Transportation - helicopter Stago (skids, tubulars, containers, etc.) Rig Floor Winch/Deck Winch (air/hydraulic) Chemicals (sack, drum, pail, bulk hopper) Welding, Cutting, Grinding Equipment Decks (grating, walkway) Ladders Kelly Bushings (master bushings) Transportation - boat Engines/Pumps/Machinery Hand Tools: Power	8.3 % 8.3 % 8.3 % 8.3 % 8.3 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 0.0 %	20.8 %
Recordable Incidents by Equipment (Chart 10) Based on 24	Crane - Cherry Picker Well Control (BOP) Stack (well head, tree) Hand Tools: Manual Tongs Not Reported Anchor Handling - Chains/Cables/Winches Top Drive (blocks, swivel, kelly) Pressure Hoses/Lines Material Stairs Slings (rope, cable, chain, web) Iron Roughneck, Pipe Spinner, etc. Drill Line Forklift Winch Truck Transportation - helicopter Transportation - helicopter Transportation - car, truck, bus Boat Cargo (skids, tubulars, containers, etc.) Rig Floor Winch/Deck Winch (air/hydraulic) Chemicals (sack, drum, pail, bulk hopper) Welding, Cutting, Grinding Equipment Decks (grating, walkway) Ladders Kelly Bushings (master bushings) Transportation - boat	8.3 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 4.2 % 0.0 %	

Asia Pacific Water Total Lost Time Incidents by Operation (Chart 11)

Based on 9 Incidents

Other			1	22.2 %
Material Handling Crane/Cherry Picker				22.2 %
Running/Retrieving Anchors		11.1 %		
Rig/Equipment Repairs or Maintenance		11.1 %		
Rigging Up/Down (rig move preparation, rig move)		11.1 %		
Laying Down/Picking up Pipe/Tubulars		11.1 %		
Running Casing/Tubing (rig up/down csg. tools)		11.1 %		
Not Reported	0.0 %			
Rig Move/Towing/Anchor Handling	0.0 %			
Material Handling Rig Floor Winch	0.0 %			
Material Handling Forklift	0.0 %			
Material Handling Winch Truck	0.0 %			
Travel/Transportation	0.0 %			
Jacking Up/Down Operations	0.0 %			
Handling Riser	0.0 %			
Painting (painting related tasks)	0.0 %			
Abrasive Blasting/Paint/Scale Removal	0.0 %			
Well Testing	0.0 %			
Training	0.0 %			
Walking	0.0 %			
Special Operations (wireline, perforating, etc.)	0.0 %			
Cementing	0.0 %			
Mud Mixing/Pumping	0.0 %			
Well Control (BOP) Stack (well head/tree) Install/Maintenance	0.0 %			
Material Handling Manual	0.0 %			
Routine Drilling Operations	0.0 %			
Making Connection	0.0 %			
Tripping in/out (makeup/brakeout BHA, test tools, etc.)	0.0 %			

0

0.5

1

1.5

2

2.5

Other 20.8 % 12.5 % Rig/Equipment Repairs or Maintenance Material Handling Crane/Cherry Picker 12.5 % Well Control (BOP) Stack (well head/tree) Install/Maintenance 8.3 % 8.3 % Rigging Up/Down (rig move preparation, rig move) Laying Down/Picking up Pipe/Tubulars 8.3 % Running Casing/Tubing (rig up/down csg. tools) 8.3 % 4.2 % Not Reported Handling Riser 4.2 % Running/Retrieving Anchors 4.2 % Walking 4.2 % Material Handling Manual 4.2 % Rig Move/Towing/Anchor Handling 0.0 % Material Handling Rig Floor Winch 0.0 % Material Handling Forklift 0.0 % Material Handling Winch Truck 0.0 % Travel/Transportation 0.0 % Jacking Up/Down Operations 0.0 % Painting (painting related tasks) 0.0 % Abrasive Blasting/Paint/Scale Removal 0.0 % Well Testing 0.0 % Training 0.0 % Special Operations (wireline, perforating, etc.) 0.0 % Cementing 0.0 % Mud Mixing/Pumping 0.0 % Routine Drilling Operations 0.0 % Making Connection 0.0 % Tripping in/out (makeup/brakeout BHA, test tools, etc.) 0.0 % 0 6 1 2 3 4 5

Asia Pacific Water Total Recordable Incidents by Operation (Chart 12)

Based on 24 Incidents

Asia Pacific Water Total	Other			22.2
	Rig Floor (rotary, pipe set back area)			22.2 %
Lost Time Incidents by	Ancho Winch Station/Area		11.1 %	
Location (Chart 13)	Machinery Spaces		11.1 %	
	Rig Pad/Rig Decks (rig/well site/location, yard)		11.1 %	
	Derrick/Mast (crown, monkey/stabbing board, a-frame)		11.1 %	
Based on 9	Pipe Rack/Pipe Deck		11.1 %	
Incidents	Not Reported	0.0 %		
	Forklift	0.0 %		
	Winch Truck	0.0 %		
	Helicopter	0.0 %		
	Cherry Picker/ Crane	0.0 %		
	Jacking House	0.0 %		
	Fuel/Water Storage Tanks	0.0 %		
	Pontoon	0.0 %		
	Mud Pump Room	0.0 %		
	Truck, Car, Bus	0.0 %		
	Cellar/Substructure/Moonpool	0.0 %		
	Crew/Work Boats	0.0 %		
	Living/Camp Areas/Accommodations	0.0 %		
	Work Rooms (change house, storage house/room)	0.0 %		
	Stairs/Ladders	0.0 %		
	SCR/Electrical Room	0.0 %		
	Engine Room/Generator Room	0.0 %		
	Mud Pits/Tanks	0.0 %		
	Shale Shaker	0.0 %		
	Mud Mixing Tank/Area	0.0 %		
	Well Control (BOP) Stack (well head/tree) Area	0.0 %		
	Catwalk/V-door	0.0 %		

Rig Floor (rotary, pipe set back area) 92% Other 12.5 % Asia Pacific Water Total Rig Pad/Rig Decks (rig/well site/location, yard) 12.5 % Recordable Incidents by Derrick/Mast (crown, monkey/stabbing board, a-frame) 8.3 % Location (Chart 14) Pipe Rack/Pipe Deck 8.3 % Ancho Winch Station/Area 4.2 % Pontoon 4.2 % Based Machinery Spaces 4.2 % Cellar/Substructure/Moonpool 4.2 % Mud Pits/Tanks 4.2 % Incidents Shale Shaker 4.2 % Well Control (BOP) Stack (well head/tree) Area 4.2 % Not Reported 0.0 % Forklift 0.0 % Winch Truck 0.0 % Helicopter 0.0 % Cherry Picker/ Crane 0.0 % Jacking House 0.0 % Fuel/Water Storage Tanks 0.0 % Mud Pump Room 0.0 % Truck, Car, Bus 0.0 % Crew/Work Boats 0.0 % Living/Camp Areas/Accommodations 0.0 % Work Rooms (change house, storage house/room) 0.0 % Stairs/Ladders 0.0 % SCR/Electrical Room 0.0 %

0

0.5

1

1.5

2

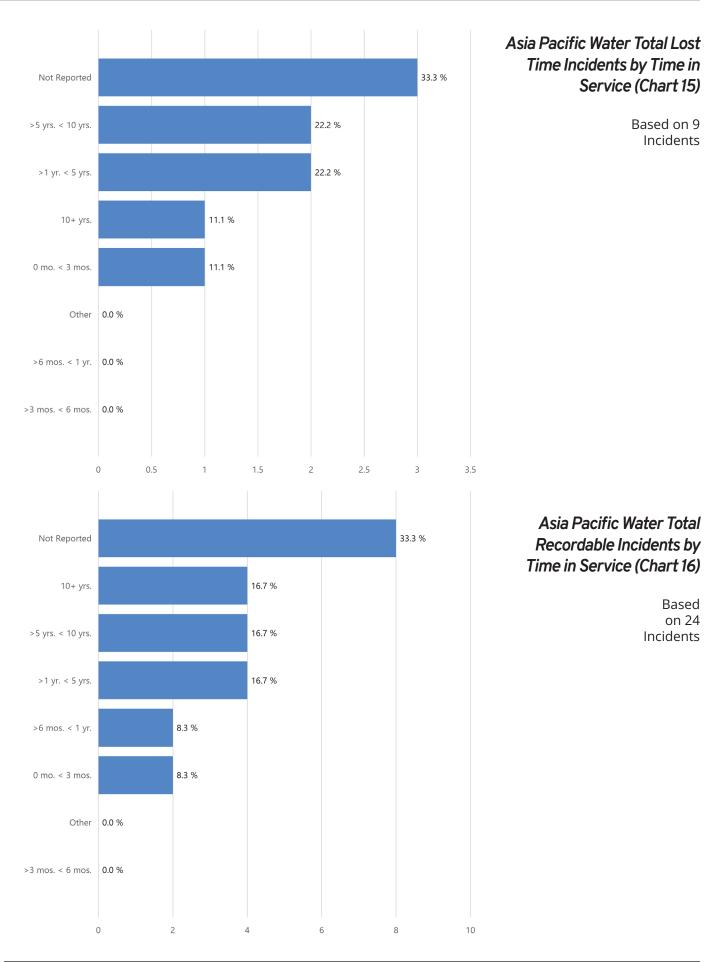
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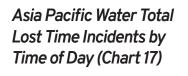
8

Catwalk/V-door 0.0 %

on 24

SUMMARY OF OCCUPATIONAL INCIDENTS

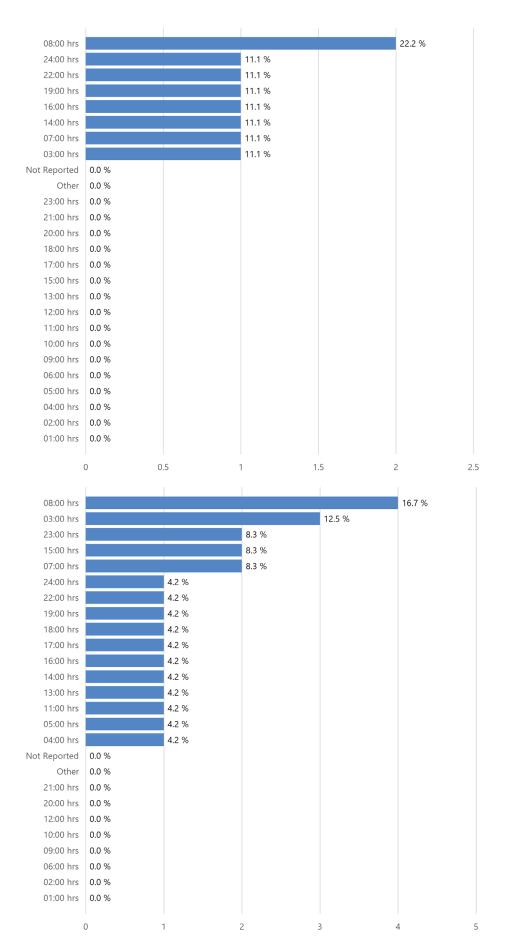


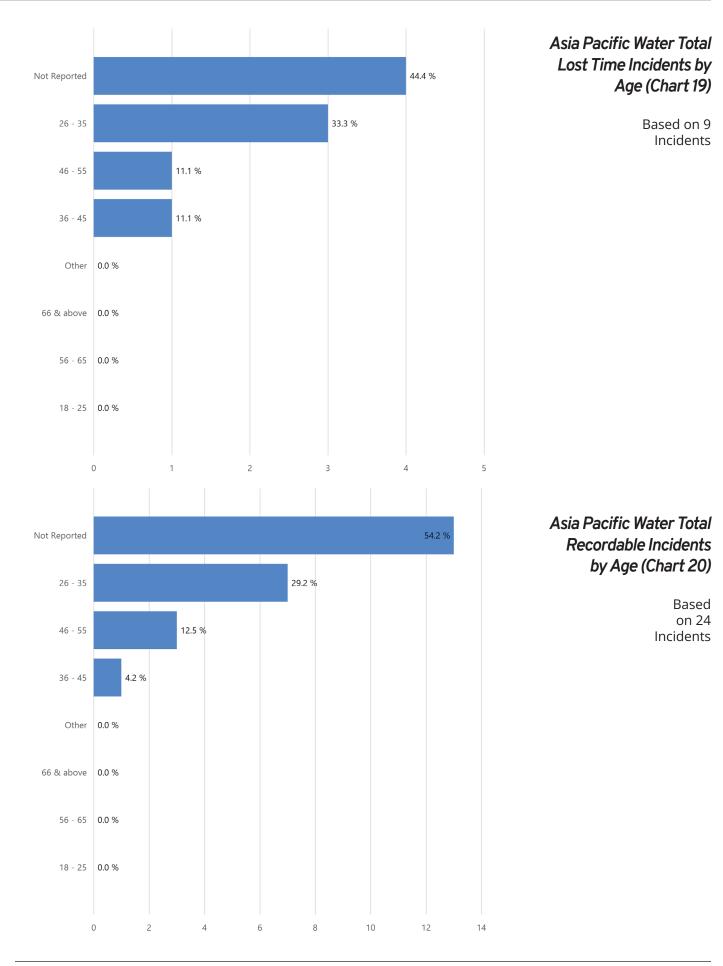


Based on 9 Incidents

Asia Pacific Water Total Recordable Incidents by Time of Day (Chart 18)

Based on 24 Incidents





IADC 2024 Asia Pacific Water Participant Detail by Category (Table 2)

						-		-					
MANHOURS	MTOS	RWCS	LTIS	FTLS	RCRD	MTO INCD	RWC INCD	LTI INCD	LTI FREQ	DART INCD	DART FREQ	RCRD INCD	RCRD FREQ
4,261,721	0	0	1	0	1	0.00	0.00	0.05	0.23	0.05	0.23	0.05	0.23
2,475,562	1	2	1	0	4	0.08	0.16	0.08	0.40	0.24	1.21	0.32	1.62
2,194,136	0	1	1	0	2	0.00	0.09	0.09	0.46	0.18	0.91	0.18	0.91
2,079,651	1	1	0	0	2	0.10	0.10	0.00	0.00	0.10	0.48	0.19	0.96
1,651,358	0	1	2	0	3	0.00	0.12	0.24	1.21	0.36	1.82	0.36	1.82
1,544,157	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,489,715	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1,433,584	1	1	1	0	3	0.14	0.14	0.14	0.70	0.28	1.40	0.42	2.09
1,347,324	0	2	1	0	3	0.00	0.30	0.15	0.74	0.45	2.23	0.45	2.23
1,062,550	0	0	1	0	1	0.00	0.00	0.19	0.94	0.19	0.94	0.19	0.94
1,054,301	0	0	1	0	1	0.00	0.00	0.19	0.95	0.19	0.95	0.19	0.95
795,481	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
793,689	1	0	0	0	1	0.25	0.00	0.00	0.00	0.00	0.00	0.25	1.26
686,962	1	0	0	0	1	0.29	0.00	0.00	0.00	0.00	0.00	0.29	1.46
682,276	0	1	0	0	1	0.00	0.29	0.00	0.00	0.29	1.47	0.29	1.47
364,157	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139,080	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91,110	1	0	0	0	1	2.20	0.00	0.00	0.00	0.00	0.00	2.20	10.98
60,867	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24,207,681	6	9	9	0	24	0.05	0.07	0.07	0.37	0.15	0.74	0.20	0.99