

# IADC ISP Program 2023

SUMMARY OF OCCUPATIONAL INCIDENTS

Issued 30 March 2024

## ASIA PACIFIC Water Totals

### IADC ISP Program 2023: Summary of Occupational Incidents (Asia Pacific Water Totals)

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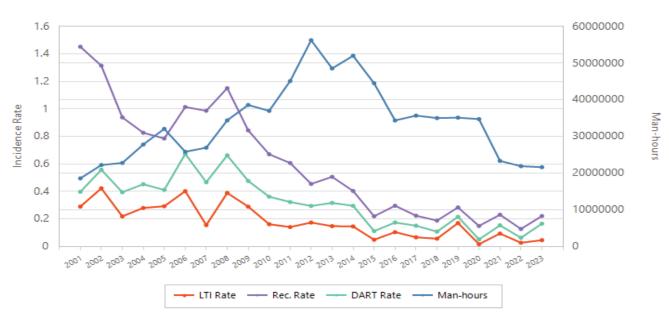
#### ISP 2023 Asia Pacific Water Totals (Table 1)

	TOTAL
TOTAL MAN-HOURS	21,636,581
TOTAL MEDICAL TREATMENT INCIDENTS	6
TOTAL RESTRICTED WORK INCIDENTS	13
TOTAL LOST TIME INCIDENTS	5
TOTAL FATALITIES	0
TOTAL RECORDABLES	24
MTO INCIDENCE RATE	0.06
RWC INCIDENCE RATE	0.12
LTI INCIDENCE RATE	0.05
LTI FREQUENCY RATE	0.23
DART INCIDENCE RATE	0.17
DART FREQUENCY RATE	0.83
RECORDABLE INCIDENCE RATE	0.22
RECORDABLE FREQUENCY RATE	1.11

Companies Reporting: Water - 17

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 INCIDENCE 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

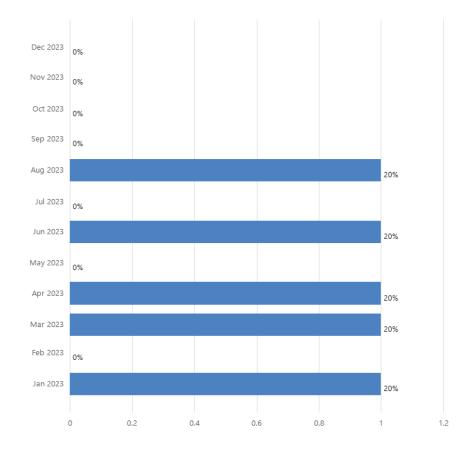
#### Asia Pacific Water Total Incidence Rates vs Man-hours (Figure 1)



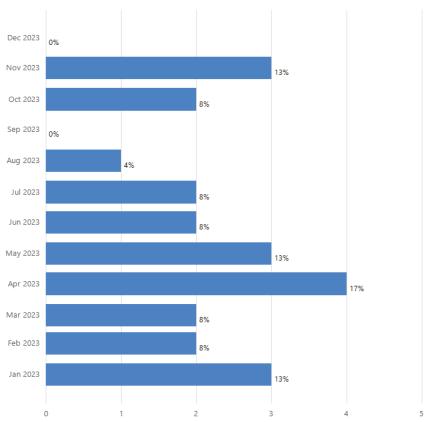
#### **IADC 2023 Asia Pacific Water Charts**

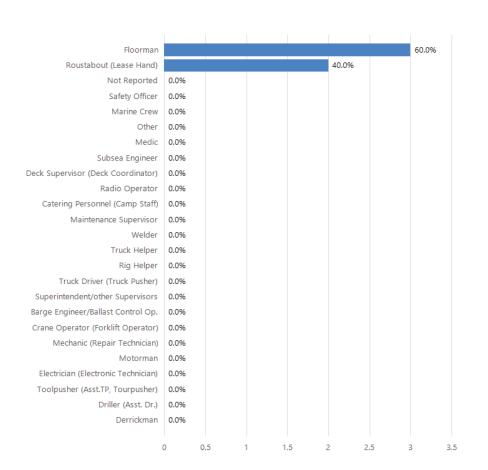
Asia Pacific Water Total Lost Time Incidents by Month (Chart 1)

Based on 5 Incidents



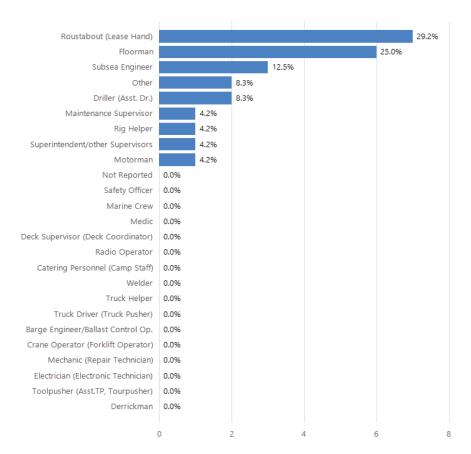
#### Asia Pacific Water Total Recordable Incidents by Month (Chart 2)





#### Asia Pacific Water Total Lost Time Incidents by Occupation (Chart 3)

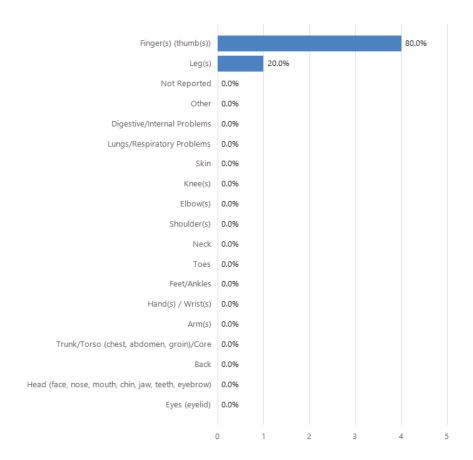
Based on 5 Incidents



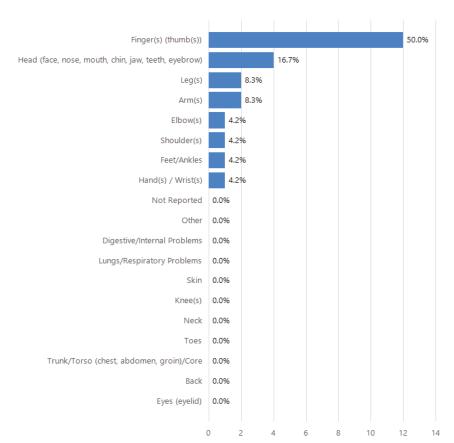
#### Asia Pacific Water Total Recordable Incidents by Occupation (Chart 4)

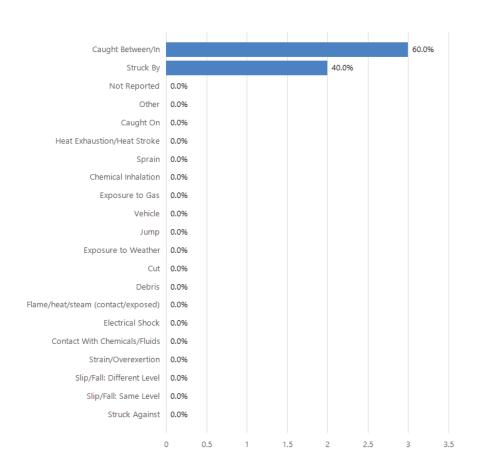
#### Asia Pacific Water Total Lost Time Incidents by Body Part (Chart 5)

Based on 5 Incidents



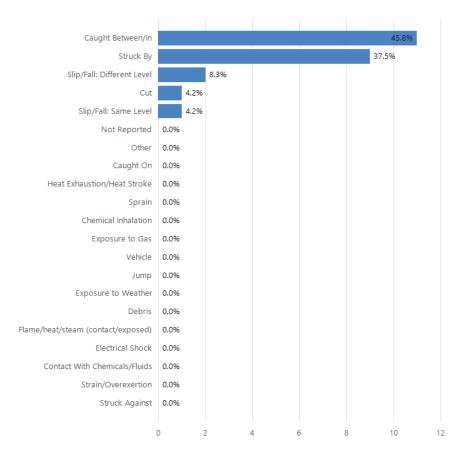
#### Asia Pacific Water Total Recordable Incidents by Body Part (Chart 6)





#### Asia Pacific Water Total Lost Time Incidents by Incident Type (Chart 7)

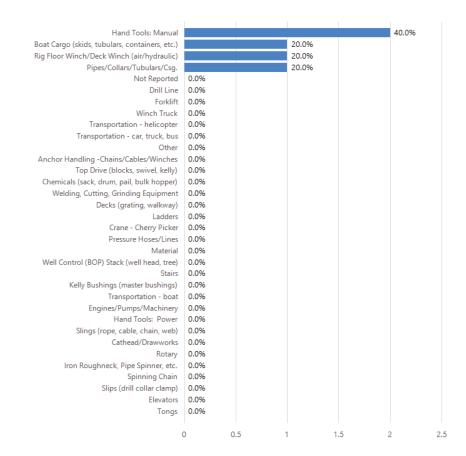
Based on 5 Incidents



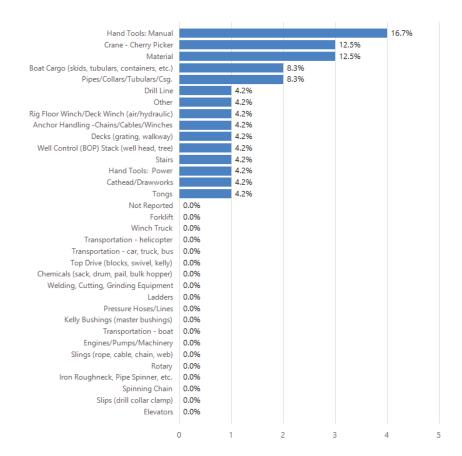
#### Asia Pacific Water Total Recordable Incidents by Incident Type (Chart 8)

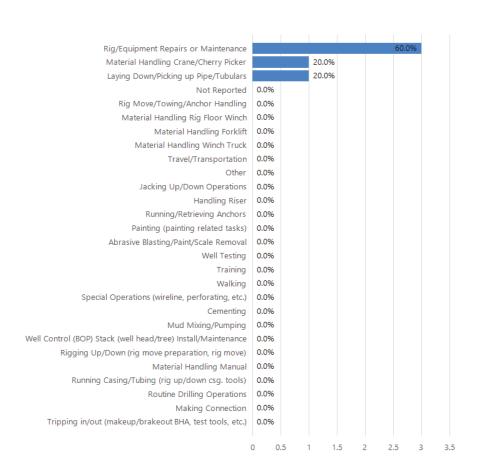
#### Asia Pacific Water Total Lost Time Incidents by Equipment (Chart 9)

Based on 5 Incidents



#### Asia Pacific Water Total Recordable Incidents by Equipment (Chart 10)





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

Based on 5

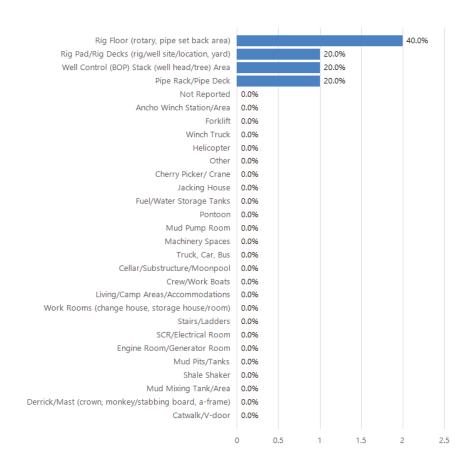
#### Rig/Equipment Repairs or Maintenance 25.0% Well Control (BOP) Stack (well head/tree) Install/Maintenance 16.7% 12.5% Tripping in/out (makeup/brakeout BHA, test tools, etc.) 8.3% Material Handling Crane/Cherry Picker Material Handling Manual 8.3% 8.3% Laying Down/Picking up Pipe/Tubulars 4.2% Rig Move/Towing/Anchor Handling 4.2% Rigging Up/Down (rig move preparation, rig move) Routine Drilling Operations Not Reported Material Handling Rig Floor Winch Material Handling Forklift Material Handling Winch Truck Travel/Transportation 0.0% Jacking Up/Down Operations 0.0% 0.0% Handling Riser Running/Retrieving Anchors Painting (painting related tasks) 0.0% Abrasive Blasting/Paint/Scale Removal 0.0% Well Testing 0.0% Training Special Operations (wireline, perforating, etc.) Cementing Mud Mixing/Pumping 0.0% Running Casing/Tubing (rig up/down csg. tools) Making Connection 0.0%

0

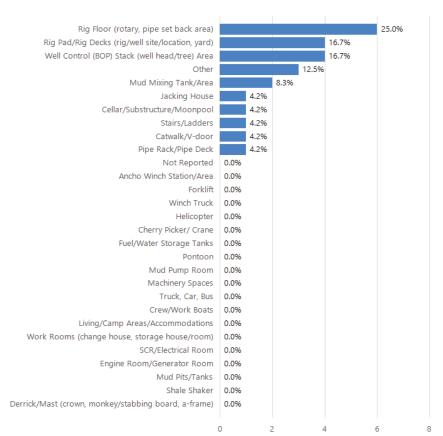
#### Asia Pacific Water Total Recordable Incidents by Operation (Chart 12)

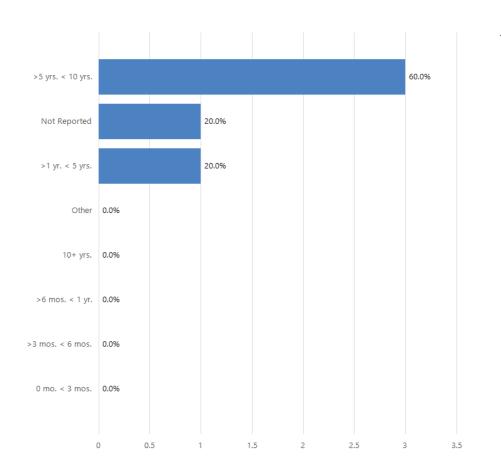
#### Asia Pacific Water Total Lost Time Incidents by Location (Chart 13)

Based on 5 Incidents



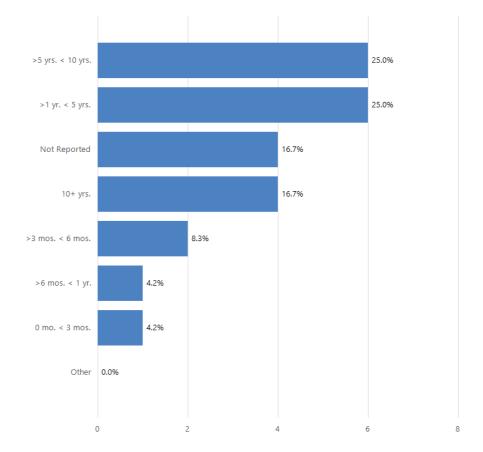
#### Asia Pacific Water Total Recordable Incidents by Location (Chart 14)





#### Asia Pacific Water Total Lost Time Incidents by Time in Service (Chart 15)

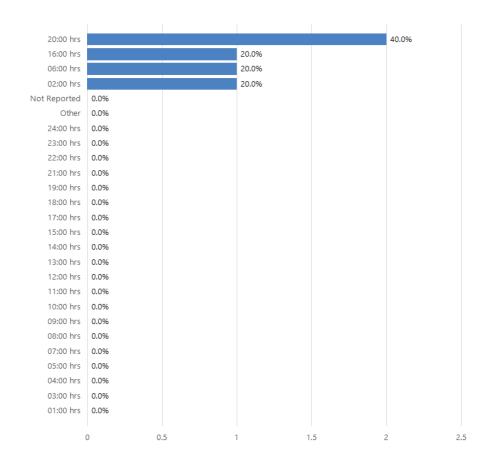
Based on 5 Incidents



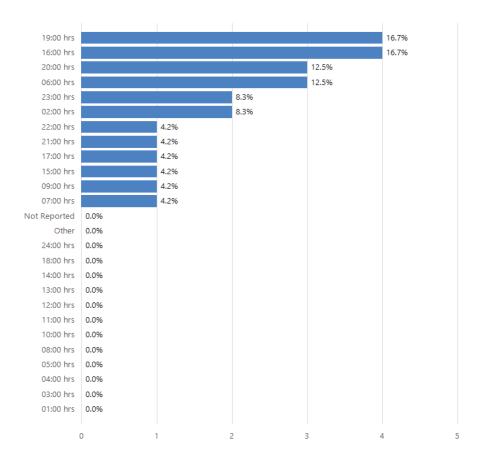
#### Asia Pacific Water Total Recordable Incidents by Time in Service (Chart 16)

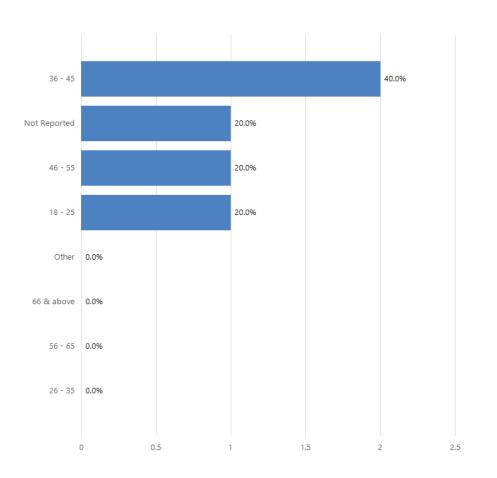
#### Asia Pacific Water Total Lost Time Incidents by Time of Day (Chart 17)

Based on 5 Incidents



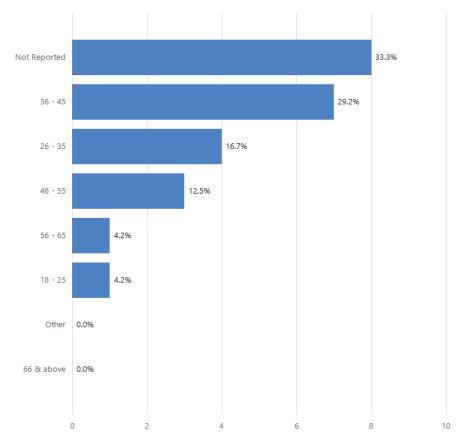
#### Asia Pacific Water Total Recordable Incidents by Time of Day (Chart 18)





#### Asia Pacific Water Total Lost Time Incidents by Age (Chart 19)

Based on 5 Incidents



#### Asia Pacific Water Total Recordable Incidents by Age (Chart 20)

#### IADC 2023 Asia Pacific Water Participant Detail by Category (Table 2)

MANHOURS	MTOS	RWCS	LTIS	FTLS	RCRD	LTI INCD	LTI FREQ	MTO INCD	RWD INCD	DART INCD	DART FREQ	RCRD INCD	RCRD FREQ
3,976,484	0	2	0	0	2	0.00	0.10	0.00	0.00	0.10	0.50	0.10	0.50
2,519,021	0	1	0	0	1	0.00	0.08	0.00	0.00	0.08	0.40	0.08	0.40
2,242,135	1	2	0	0	3	0.09	0.18	0.00	0.00	0.18	0.89	0.27	1.34
1,920,404	0	3	1	0	4	0.00	0.31	0.10	0.52	0.42	2.08	0.42	2.08
1,378,097	1	0	1	0	2	0.15	0.00	0.15	0.73	0.15	0.73	0.29	1.45
1,245,711	0	0	2	0	2	0.00	0.00	0.32	1.61	0.32	1.61	0.32	1.61
1,187,060	1	0	1	0	2	0.17	0.00	0.17	0.84	0.17	0.84	0.34	1.68
1,080,354	0	1	0	0	1	0.00	0.19	0.00	0.00	0.19	0.93	0.19	0.93
1,054,724	1	0	0	0	1	0.19	0.00	0.00	0.00	0.00	0.00	0.19	0.95
1,012,350	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
957,433	2	0	0	0	2	0.42	0.00	0.00	0.00	0.00	0.00	0.42	2.09
806,650	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
741,869	0	3	0	0	3	0.00	0.81	0.00	0.00	0.81	4.04	0.81	4.04
676,855	0	1	0	0	1	0.00	0.30	0.00	0.00	0.30	1.48	0.30	1.48
597,875	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
192,744	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46,815	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21.636.581	6	13	5	0	24	0.06	0.12	0.05	0.23	0.17	0.83	0.22	1.11