

2023 Safety statistics

May 2024

2023 at a glance



958
Total million hours
2022: 629 million hours

490
Million hours offshore
2022: 343 million hours



Line of fire
Most common
cause of LTIs

6 fatalities reported
2022: 6



439
Safety Observation Frequency Rate
2022: 424, was 517 (error discovered)



LTIFR
Lost Time Injury frequency Rate
(Fatalities + LTIs) x 1,000,000 / Total hours worked

0.30
Total LTIFR
2022: 0.32

0.41
Offshore LTIFR
2022: 0.39



TRIR
Total Recordable Injury Rate
(Fatalities + LTIs + Restricted Work Cases + Medical Treatment cases) x 1,000,000 / Total hours worked

1.07
Total TRIR
2022: 1.10

1.47
Offshore TRIR
2022: 1.45



FAR
Fatal Accident Rate
(FAR = Fatalities x 100,000,000 / Total hours worked)

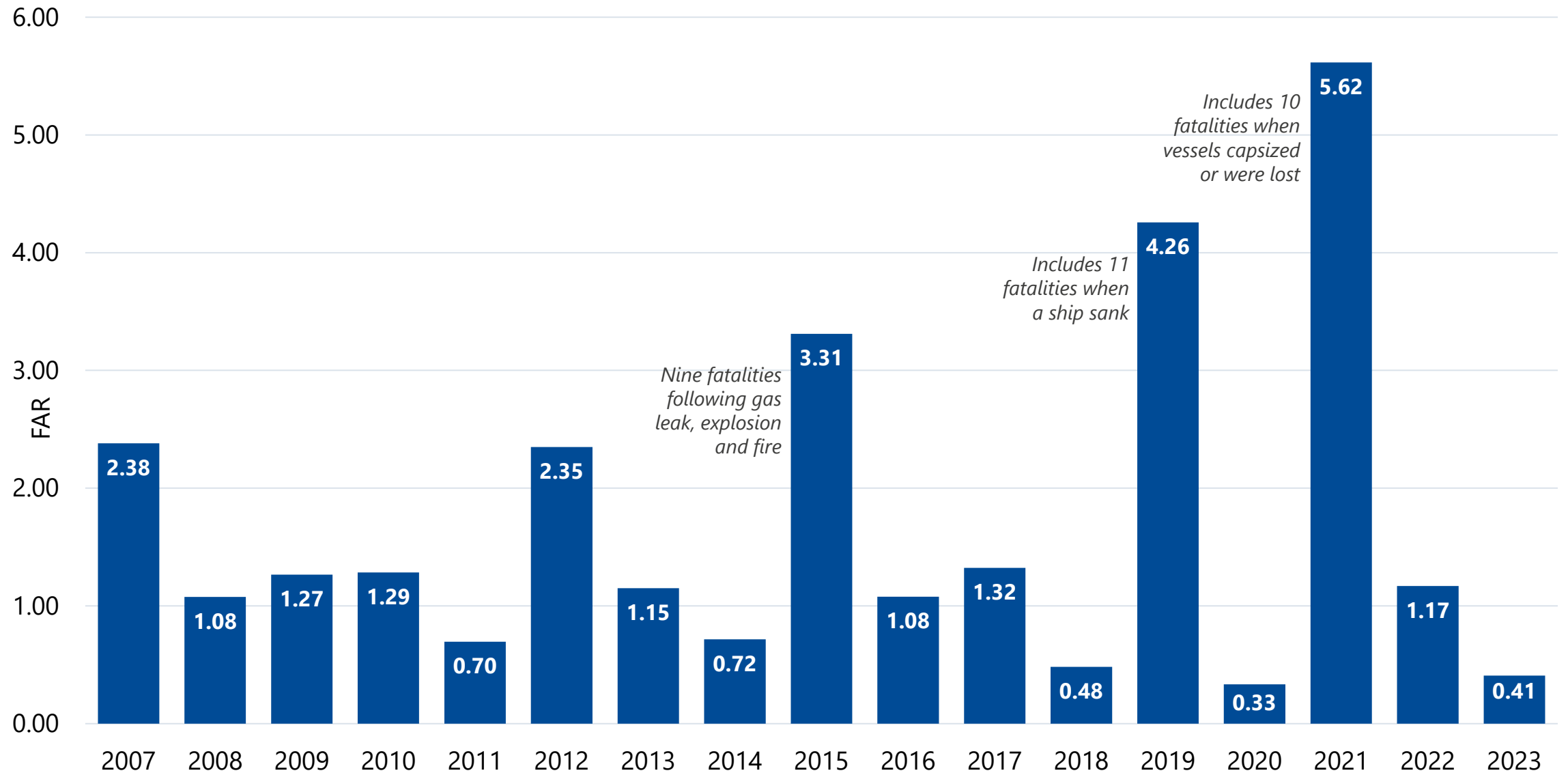
0.63
Total FAR
2022: 0.95

0.41
Offshore FAR
2022: 1.17

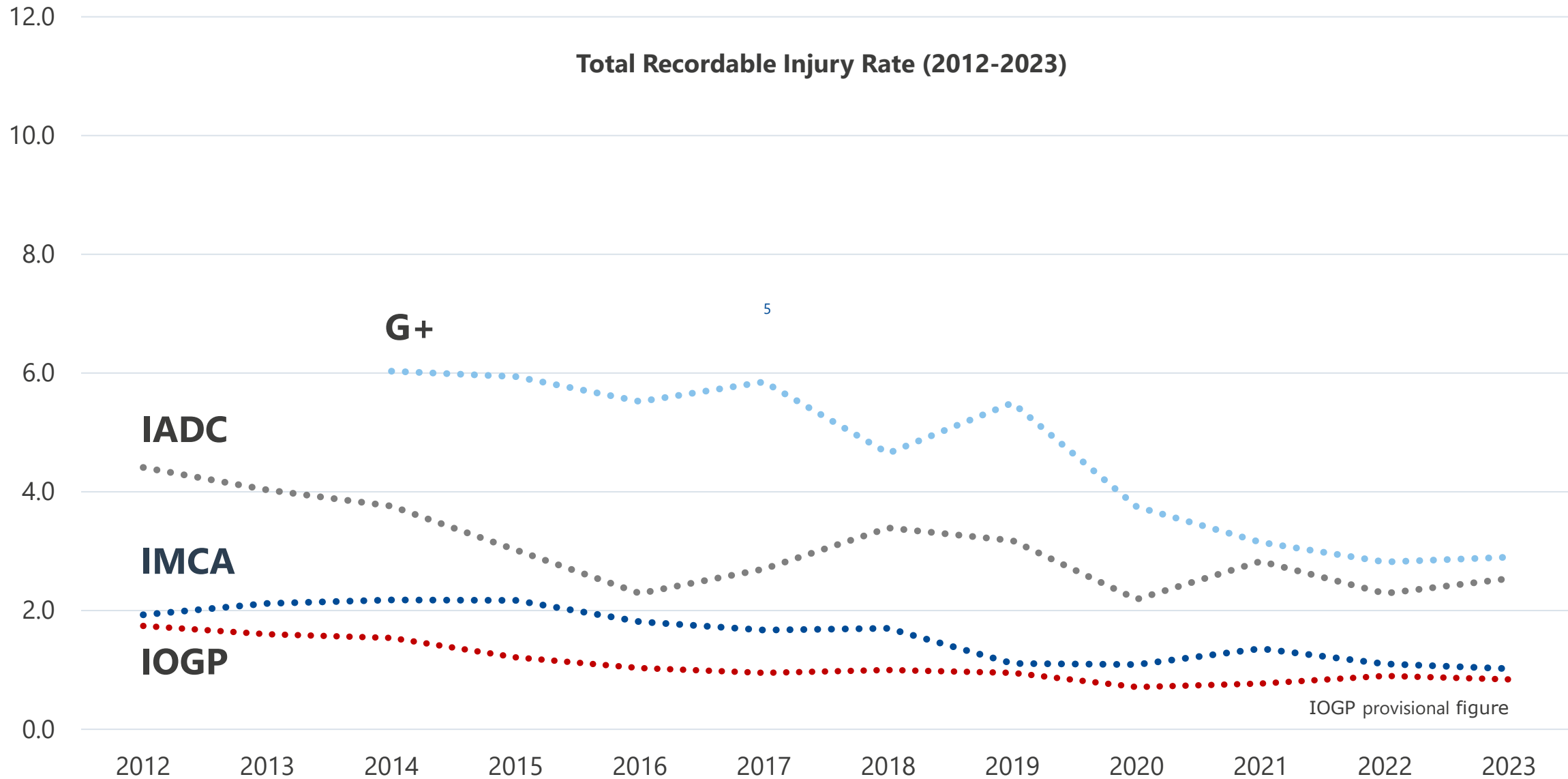
Summary

- An improvement in reporting levels – 181 contractors (130 in 2022).
- A significant increase in size of industry as reported – 958 million hours.
- Total LTIFR and TRIR continue “flat-line” trend.
- Slight uptick or worsening of Offshore LTIFR.
- 6 fatalities total: 2 offshore, 4 onshore:
 - Offshore
 - 1) fall from height; 2) A man overboard in rough weather.
 - Onshore
 - 1) fall from height; 2) A person caught in line of fire when materials fell from height;
 - 3) A fatality at a partner company; 4) No explanation forthcoming.

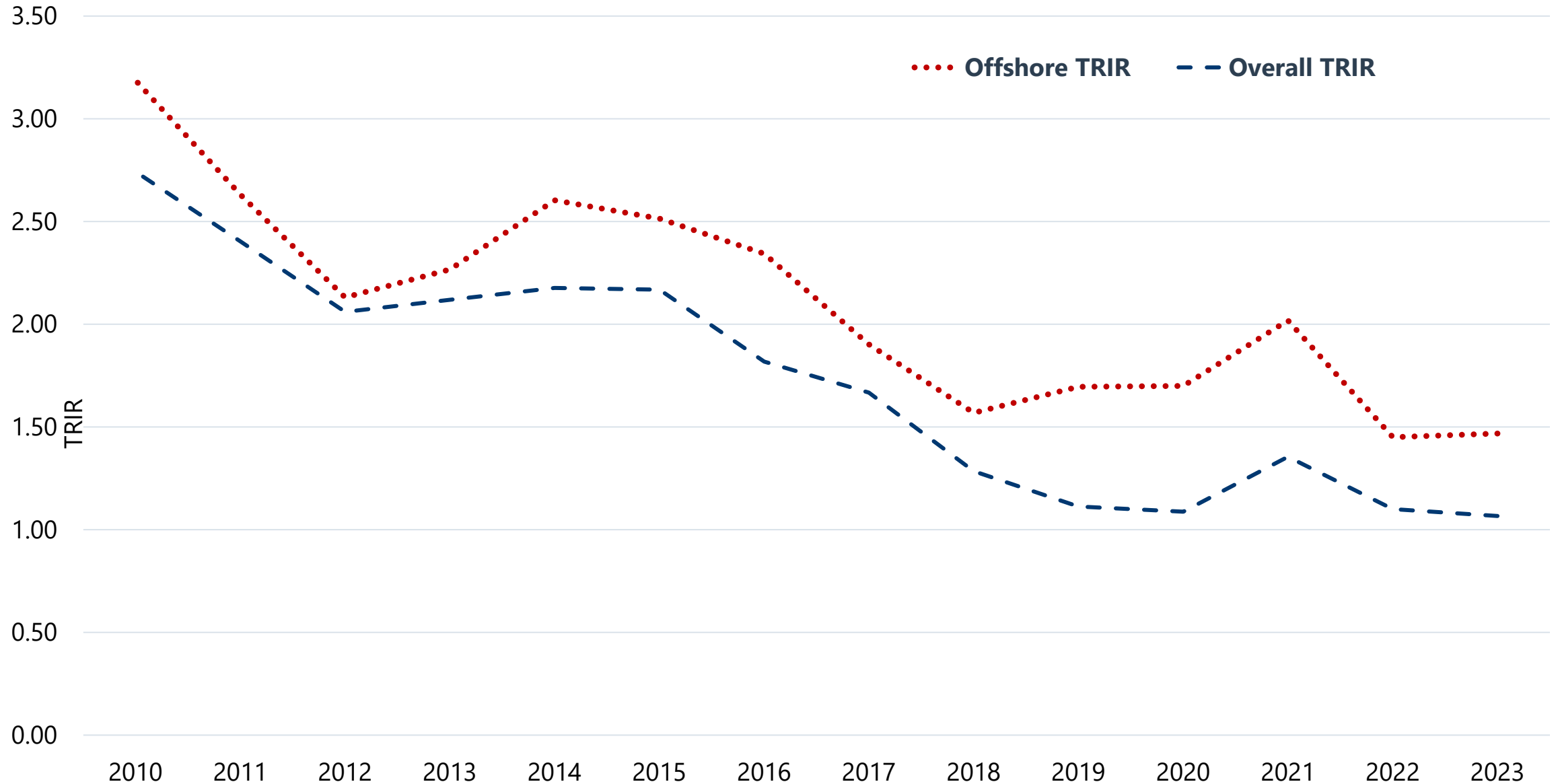
Fatal Accident Rate



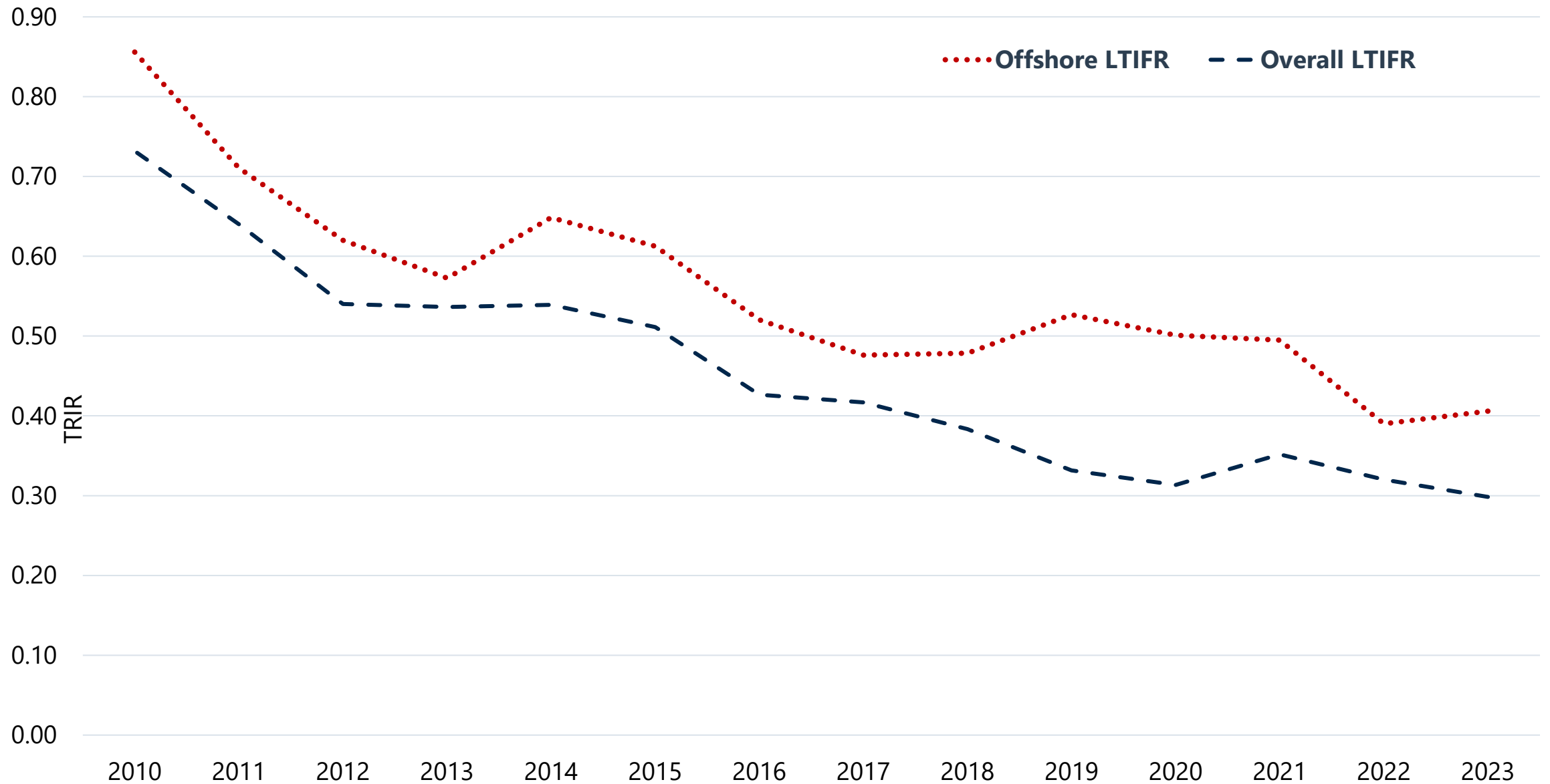
Comparison with other Associations



Total Recordable Injury Rate (TRIR)



Lost Time Injury Frequency Rate (LTIFR)



Main causes of LTIs in 2023



Stored energy release 5%

2022: 7%

Falls from height 9%

2022: 8%



Slips and trips 26%

2022: 25%



Line of Fire 43%

2022: 43%



Dropped objects 3%

2022: 5%



Muscle stress 14%

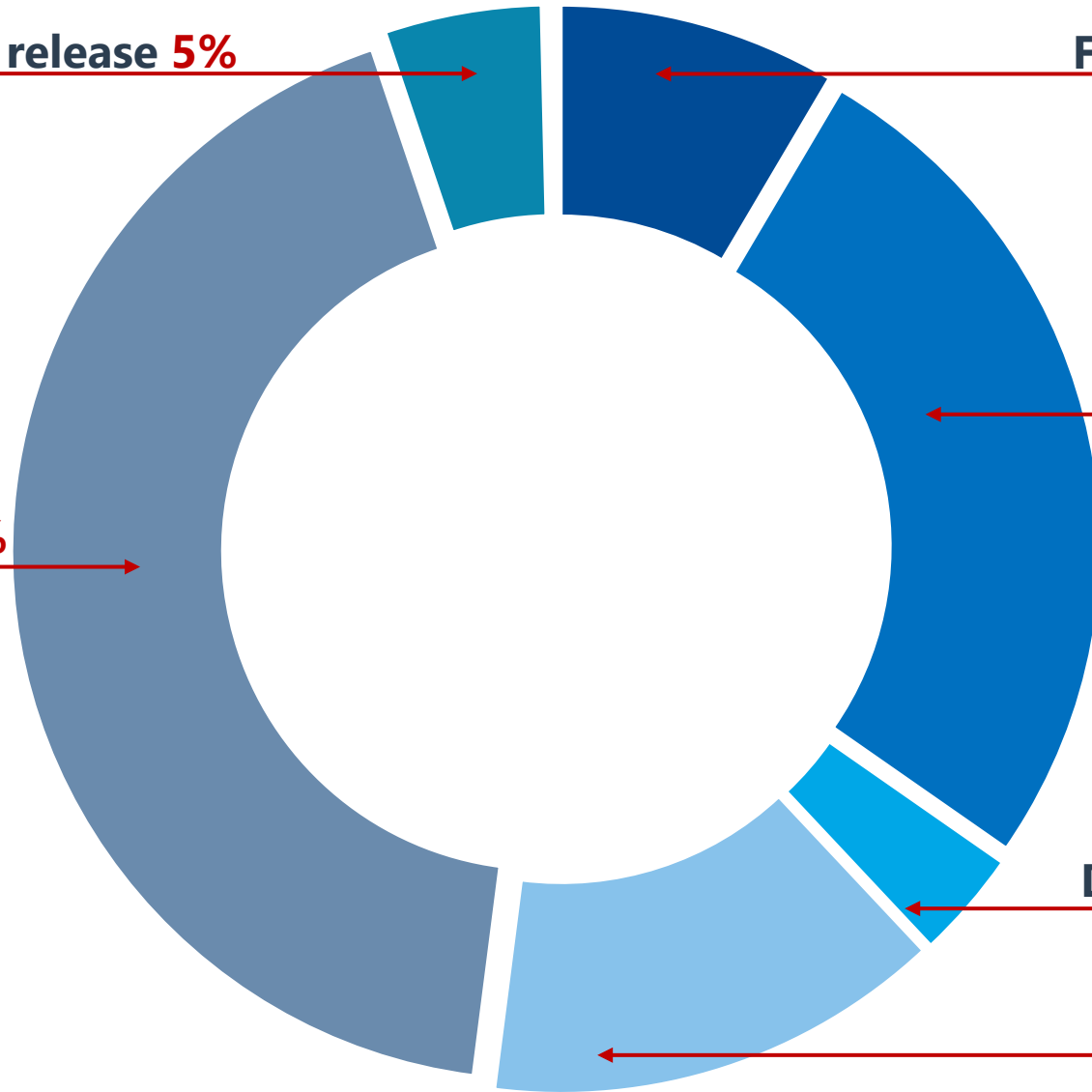
2022: 12%



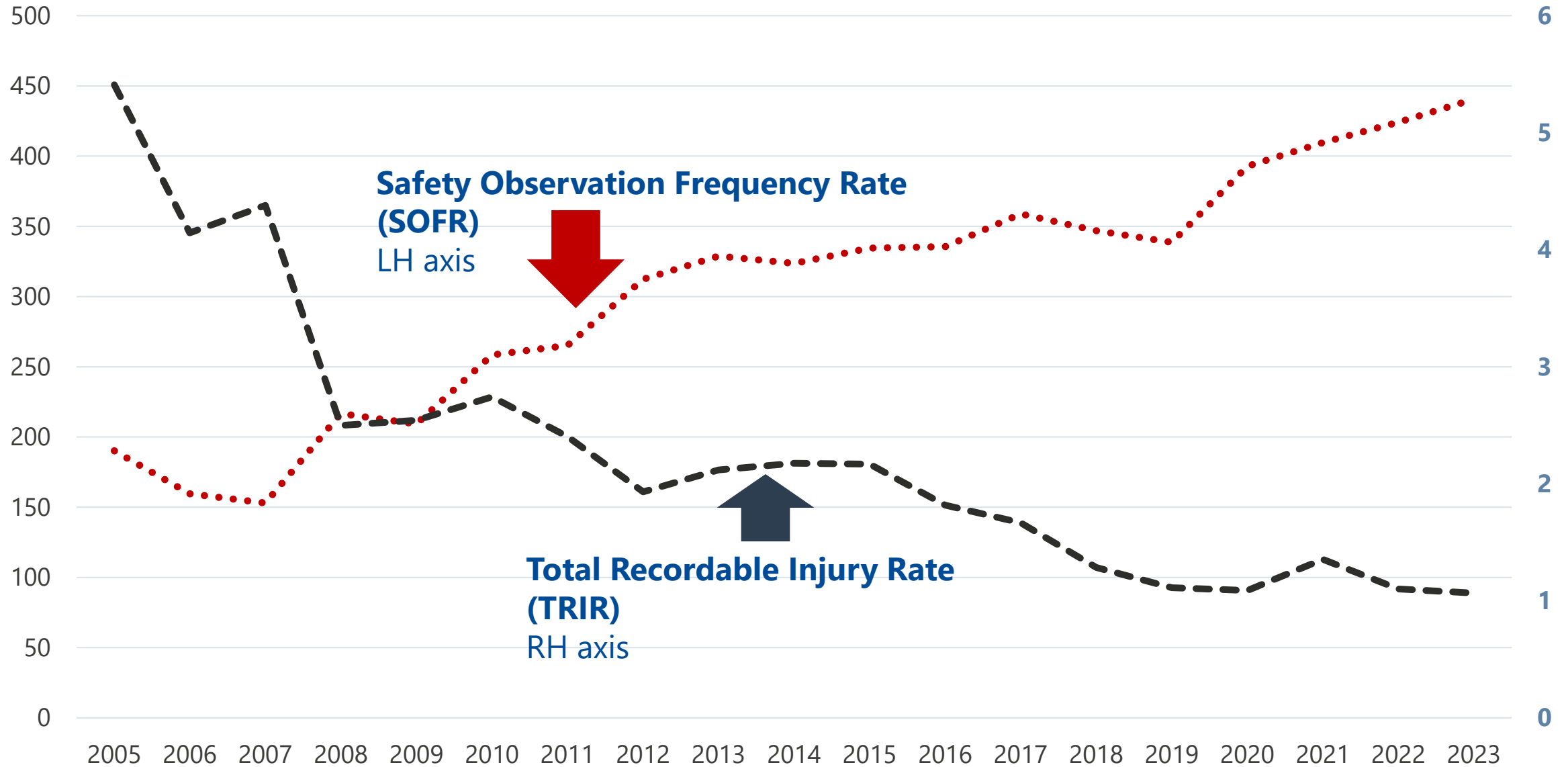
Health

One "LTI" caused by health issues, 20 cases of lost time relating to poor health that did NOT amount to a formal Lost Time Injury.

(From a total of 268 LTIs across IMCA Members)

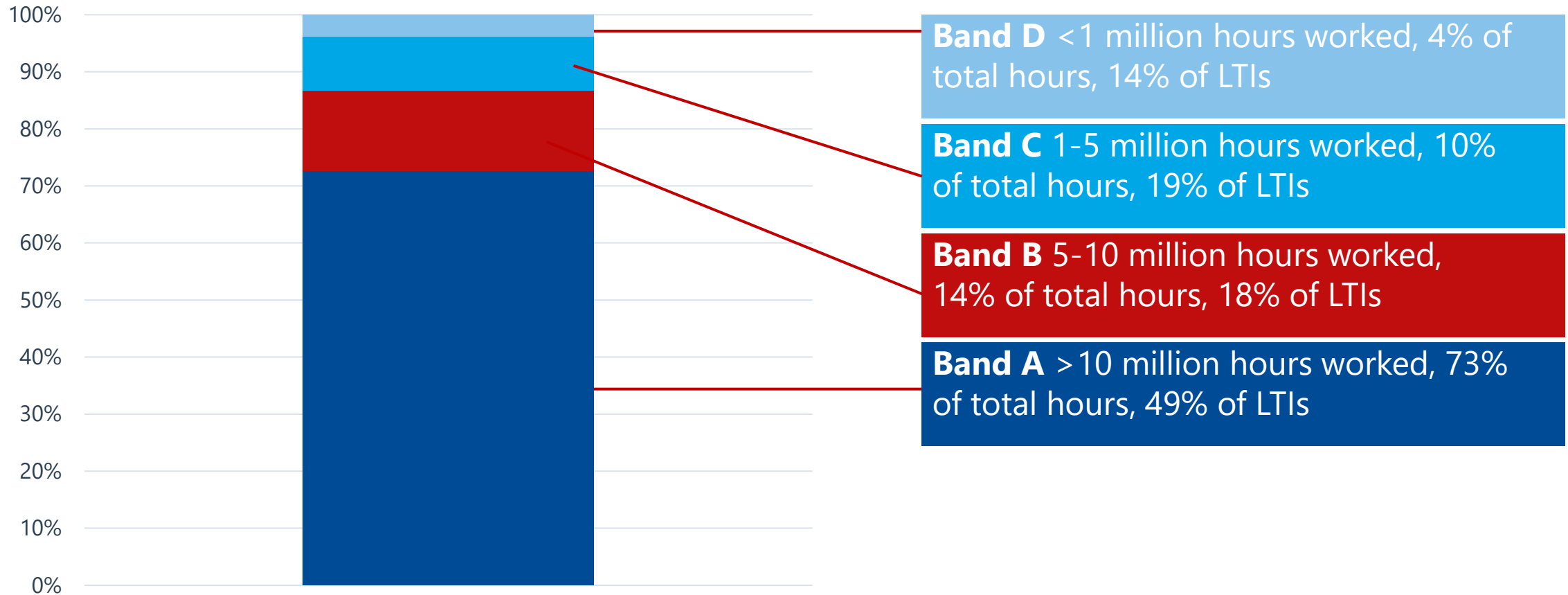


Observations v Recordables



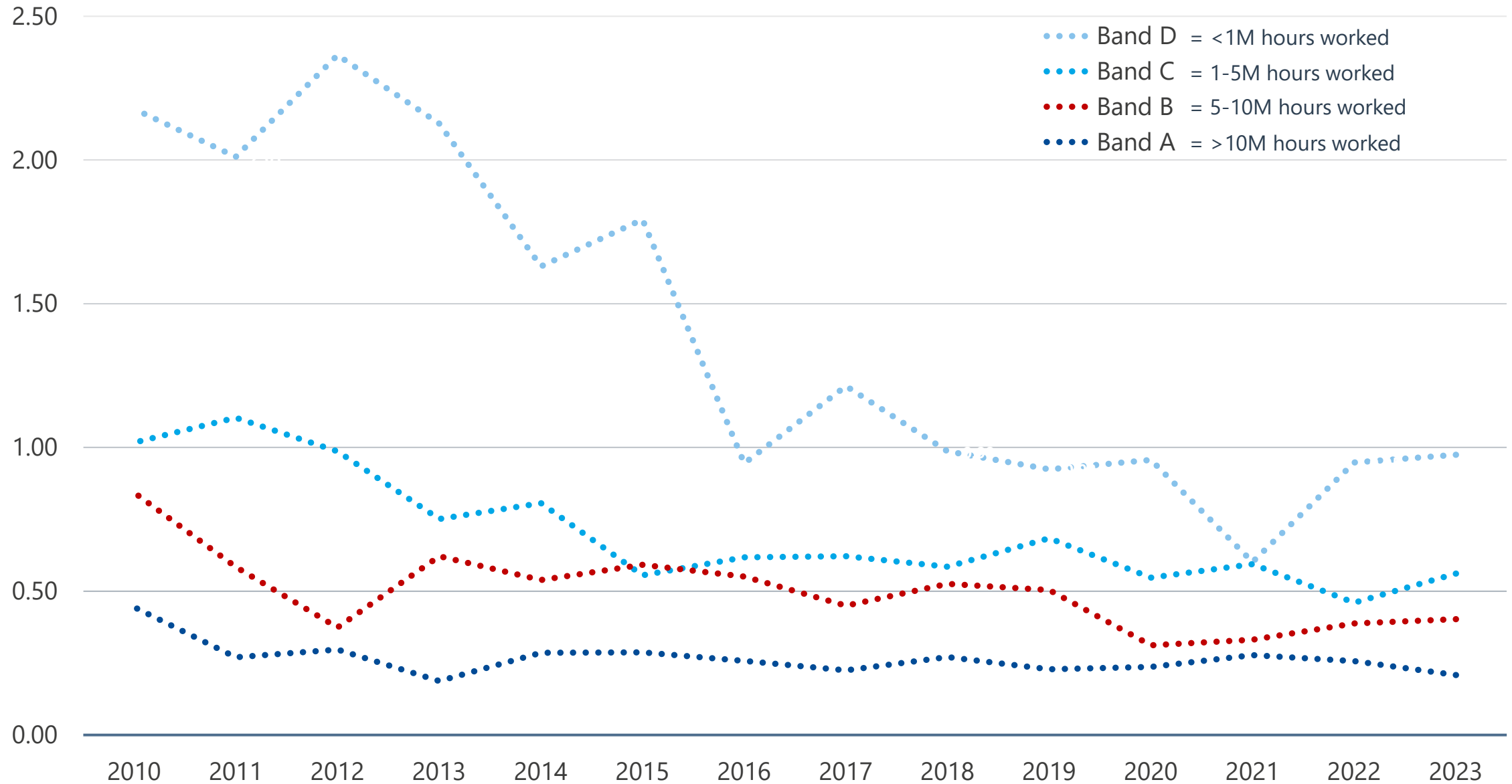
Company banding

% of total 958 million hours worked

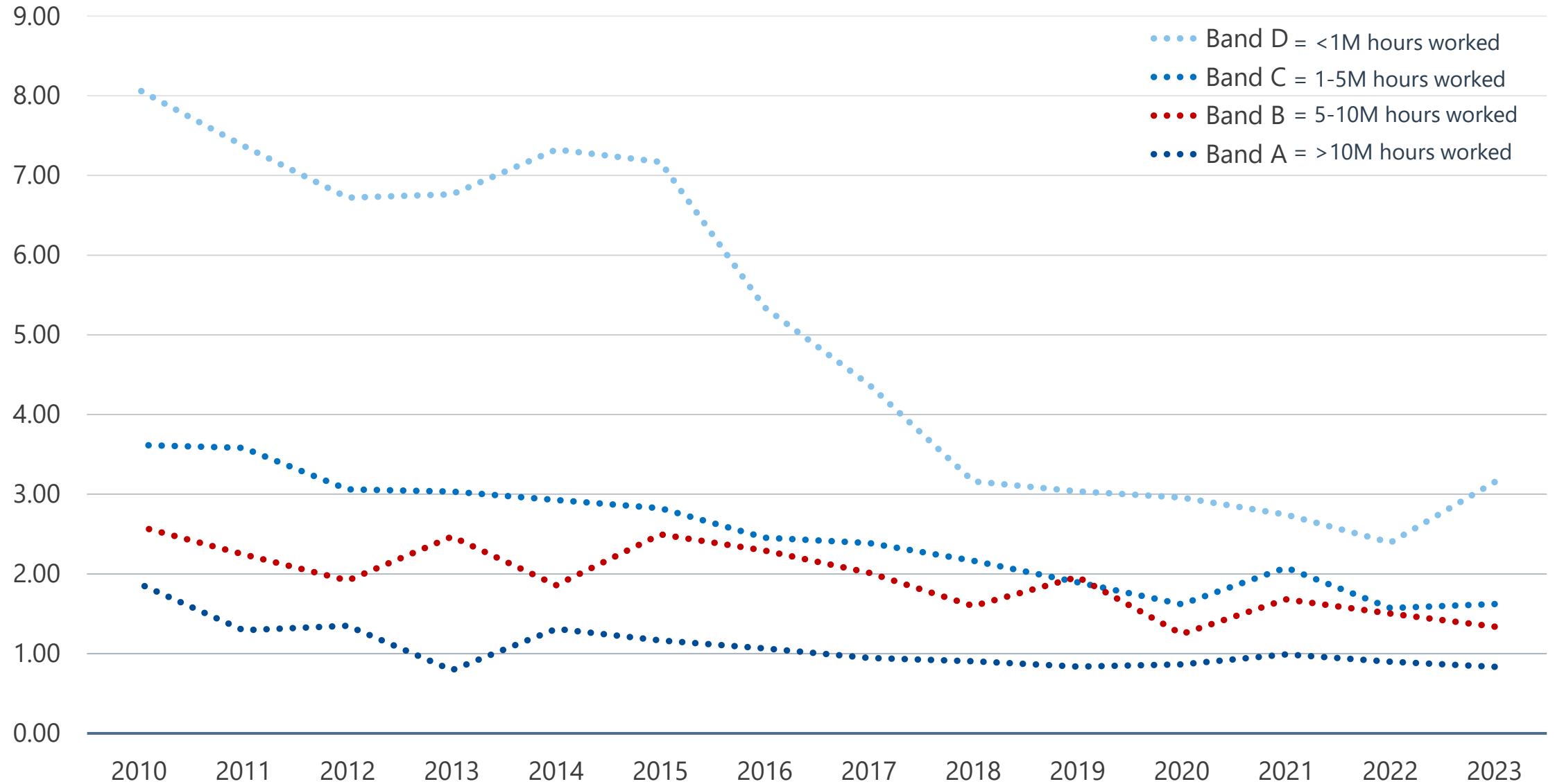


Banding allows peer-group comparison

LTIFR by Company Band



TRIR by Company Band



Total LTIFR and TRIR by Company Band



	Band A		Band B		Band C		Band D		IMCA	
	LTIFR	TRIR	LTIFR	TRIR	LTIFR	TRIR	LTIFR	TRIR	LTIFR	TRIR
2023	0.21	0.83	0.40	1.34	0.56	1.64	0.97	3.15	0.30	1.07
2022	0.26	0.90	0.39	1.50	0.46	1.57	0.95	2.39	0.32	1.10
2021	0.28	0.99	0.33	1.68	0.59	2.08	0.60	2.74	0.35	1.35
2020	0.24	0.87	0.31	1.25	0.55	1.62	0.96	2.96	0.31	1.09
2019	0.23	0.84	0.50	1.96	0.68	1.89	0.92	3.04	0.33	1.11
2018	0.27	0.90	0.53	1.60	0.58	2.16	0.99	3.16	0.39	1.70
2017	0.22	0.95	0.45	2.01	0.62	2.39	1.21	4.38	0.42	1.67
2016	0.26	1.07	0.55	2.29	0.62	2.45	0.94	5.34	0.43	1.82
2015	0.29	1.16	0.59	2.49	0.56	2.82	1.79	7.17	0.49	2.15
2014	0.29	1.31	0.54	1.86	0.81	2.93	1.63	7.33	0.54	2.18
2013	0.19	0.79	0.62	2.47	0.75	3.03	2.13	6.76	0.54	2.12
2012	0.30	1.35	0.37	1.92	0.99	3.06	2.36	6.72	0.51	1.93
2011	0.27	1.29	0.58	2.24	1.10	3.58	2.01	7.37	0.64	2.40
2010	0.44	1.88	0.84	2.60	1.02	3.62	2.18	8.07	0.73	2.74
2009	0.40	1.78	0.64	2.58	1.41	4.66	1.74	5.90	0.67	2.54
2008	0.43	1.70	1.14	3.81	1.18	3.78	2.41	7.93	0.72	2.50
2007	0.78	2.82	1.24	4.57	1.44	6.07	1.64	9.20	1.09	4.38

Definitions

- **Total company hours** – hours worked by employees across the entire organisation, including overtime.
- **Offshore hours** – hours worked on vessels, barges, boats or any other offshore structures or installations, based on a 12-hour day.
- **Lost Time Injury Frequency Rate (LTIFR)** – the number of LTIs (including fatalities) per million hours worked.
- **Total recordable injuries rate (TRIR)** – the number of recordable injuries (fatalities, LTIs and medical treatments) per million hours worked.
- **Safety Observations Frequency Rate (SOFR)** – the number of safety observations per 200,000 hours worked.
- **Fatal Accident Rate (FAR)** – the number of fatalities per 100 million hours worked.

Data for 1997-2017 was separated into offshore/onshore categories, with an 'overall' combining the two. From 2018, data is collected and reported as offshore/total, with the historical 'overall' figure used for comparison.



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