



Safety Data

Occupational Safety

	Unit	2021	2020	2019	2018	2017
Occupational safety – employees						
Fatalities	number	0	0	0	1	0
Fatality rate	per 100 mn hours worked	0.00	0.00	0.00	2.85	0.00
Number of hours worked	hours (thousand)	39,736	35,076	34,987	35,080	37,188
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.70	0.43	0.51	0.29	0.24
High-consequence work-related injuries ¹	number	0	0	2	1	0
High-consequence work-related injuries ¹	per 1 mn hours worked	0.00	0.00	0.06	0.03	0.00
Lost-time injury severity	per 1 mn hours worked	12.78	8.47	38.61	9.86	9.95
Total recordable injuries ²	number	47	29	44	31	27
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	1.18	0.83	1.26	0.88	0.73
Occupational safety – contractors						
Fatalities	number	3	0	0	2	2
Fatality rate	per 100 mn hours worked	3.81	0.00	0.00	2.47	2.52
Number of hours worked	hours (thousand)	78,637	70,195	78,773	81,059	79,458
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.51	0.27	0.27	0.31	0.39
High-consequence work-related injuries ¹	number	0	1	1	3	3
High-consequence work-related injuries ¹	per 1 mn hours worked	0.00	0.01	0.01	0.04	0.04
Lost-time injury severity	per 1 mn hours worked	18.52	14.67	8.80	20.73	19.37
Total recordable injuries ²	number	67	34	64	60	65
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	0.85	0.48	0.81	0.74	0.82



	Unit	2021	2020	2019	2018	2017
Occupational safety – employees and contractors						
Fatalities	number	3	0	0	3	2
Fatality rate	per 100 mn hours worked	2.53	0.00	0.00	2.58	1.71
Number of hours worked	hours (thousand)	118,373	105,271	113,759	116,139	116,645
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.57	0.32	0.34	0.30	0.34
High-consequence work-related injuries ¹	number	0	1	3	4	3
High-consequence work-related injuries ¹	per 1 mn hours worked	0.00	0.01	0.03	0.03	0.03
Lost-time injury severity	per 1 mn hours worked	16.59	12.61	17.97	17.44	16.37
Total recordable injuries ²	number	114	63	108	91	92
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	0.96	0.60	0.95	0.78	0.79

¹ Lost-time injuries that resulted in 180 (or more) lost workdays or permanent total disabilities

² Corresponds to GRI 403:2018-a-iii: recordable work-related injuries

Process Safety

	Unit	2021	2020	2019	2018	2017
Tier 1	number	10	6	4	4	4
Tier 2	number	17	13	7	12	6
Process Safety Event Rate ¹	per 1 mn hours worked	0.23	0.18	0.10	0.14	0.09

¹ Process Safety Event Rate is related to Tier 1 and Tier 2 process safety events