



Safety Data

Occupational Safety

	Unit	2020	2019	2018	2017	2016
Occupational safety – employees						
Fatalities	number	0	0	1	0	1
Fatality rate	per 100 mn hours worked	0.00	0.00	2.85	0.00	2.46
Number of hours worked	hours (thousand)	35,076	34,987	35,080	37,188	40,665
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.43	0.51	0.29	0.24	0.37
High-consequence work-related injuries ¹	number	0	2	1	0	1
High-consequence work-related injuries ¹	per 1 mn hours worked	0.00	0.06	0.03	0.00	0.02
Lost-time injury severity	per 1 mn hours worked	8.47	38.61	9.86	9.95	16.92
Total recordable injuries ²	number	29	44	31	27	27
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	0.83	1.26	0.88	0.73	0.66
Occupational safety – contractors						
Fatalities	number	0	0	2	2	1
Fatality rate	per 100 mn hours worked	0.00	0.00	2.47	2.52	1.10
Number of hours worked	hours (thousand)	70,195	78,773	81,059	79,458	90,793
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.27	0.27	0.31	0.39	0.42
High-consequence work-related injuries ¹	number	1	1	3	3	3
High-consequence work-related injuries ¹	per 1 mn hours worked	0.01	0.01	0.04	0.04	0.03
Lost-time injury severity	per 1 mn hours worked	14.67	8.80	20.73	19.37	21.6
Total recordable injuries ²	number	34	64	60	65	65
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	0.48	0.81	0.74	0.82	0.72



	Unit	2020	2019	2018	2017	2016
Occupational safety – employees and contractors						
Fatalities	number	0	0	3	2	2
Fatality rate	per 100 mn hours worked	0.00	0.00	2.58	1.71	1.52
Number of hours worked	hours (thousand)	105,271	113,759	116,139	116,645	131,458
Lost-Time Injury Rate (LTIR)	per 1 mn hours worked	0.32	0.34	0.30	0.34	0.40
High-consequence work-related injuries ¹	number	1	3	4	3	4
High-consequence work-related injuries ¹	per 1 mn hours worked	0.01	0.03	0.03	0.03	0.03
Lost-time injury severity	per 1 mn hours worked	12.61	17.97	17.44	16.37	20.15
Total recordable injuries ²	number	63	108	91	92	92
Total Recordable Injury Rate (TRIR) ²	per 1 mn hours worked	0.60	0.95	0.78	0.79	0.70

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	2020	2019	2018	2017	2016
Tier 1	number	6	4	4	4	9
Tier 2	number	13	7	12	6	16
Process Safety Event Rate ¹	per 1 mn hours worked	0.18	0.10	0.14	0.09	0.19

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