

Safety - numbers

Fatalities	2020	2019	2018	2017	2016
Number of fatal incidents	0	0	3	1	1
Fatalities at managed operations from safety incidents	0	0	2	1	1
Fatalities at managed operations from health incidents	0	0	0	0	0
Fatalities at managed operations from security incidents	0	0	1	0	0

Safety Maturity Model (SMM)	2020	2019	2018	2017	2016
Safety Maturity Model (SMM) score	5,4	4,5	-	-	-

Introduced in 2019, the Safety Maturity Model (SMM) provides a roadmap to improving safety and enabling comparable evaluation and learning across the organisation.

The model has four categories:

- Leadership and engagement
- Risk management (including Critical Risk Management - CRM)
- Work planning and execution and
- Learning and improvement

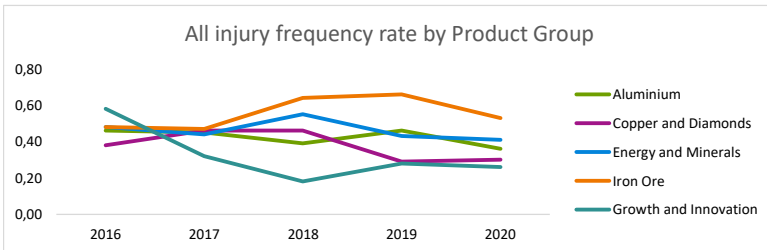
The model is assessed across levels of maturity with a scale of 1-9: Basic (1-3), Evolving (4-6) and Advanced (7-9)

Potential Fatal Incident (PFI)	2020	2019	2018	2017	2016
Aluminium	14	32	35	20	25
Copper and Diamonds	11	18	19	13	14
Energy and Minerals	25	15	30	29	33
Iron Ore	12	17	29	26	31
Growth and Innovation	9	6	12	8	7
Commercial	0	0	1	4	2
Corporate Functions	0	0	0	1	0
Group	71	88	126	101	112

All injury frequency rate (AIFR)	2020	2019	2018	2017	2016
All injury frequency rate (per 200,000 hours worked)	0,37	0,42	0,44	0,42	0,44
Target	0,37	0,38	0,38	0,40	0,41

All injury frequency rate (AIFR) by region	2020	2019	2018	2017	2016
Africa	0,13	0,30	0,35	0,18	0,29
Asia	0,14	0,14	0,14	0,26	0,23
Americas	0,47	0,47	0,51	0,43	0,42
Australia/New Zealand	0,43	0,58	0,54	0,50	0,51
Europe	0,1	0,27	0,32	0,43	0,00

All injury frequency rate (AIFR) by Product Group	2020	2019	2018	2017	2016
Aluminium	0,36	0,46	0,39	0,45	0,46
Copper and Diamonds	0,30	0,29	0,46	0,46	0,38
Energy and Minerals	0,41	0,43	0,55	0,44	0,48
Iron Ore	0,53	0,66	0,64	0,47	0,48
Growth and Innovation	0,26	0,28	0,18	0,32	0,58
Commercial	0,11	0,04	0,18	0,19	0,2
Corporate Functions	0,00	0,00	0,00	0,14	0,09



Lost Time Injuries	2020	2019	2018	2017	2016
Lost time injury frequency rate (per 200,000 hours worked)	0,22	0,27	0,27	0,25	0,26
Number of lost time injuries	189	228	226	199	206

Permanent Disabling Injury (PDI) by Product Group	2020	2019	2018	2017	2016
Aluminium	0	0	0	1	2
Copper and Diamonds	1	0	0	0	1
Energy and Minerals	1	1	0	0	1
Iron Ore	0	0	0	0	4
Growth and Innovation	0	0	0	0	1
Commercial	0	0	0	0	0
Corporate Functions	0	0	0	0	0

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Injury severity rate by Product Group	2020	2019	2018	2017	2016
Aluminium	14,67	18,29	11,18	12,91	14,12
Copper and Diamonds	6,57	10,93	11,87	20,35	16,42
Energy and Minerals	7,45	10,20	11,57	12,41	10,23
Iron Ore	19,54	22,44	16,13	14,77	13,10
Growth and Innovation	3,45	3,27	3,57	7,18	5,16
Commercial	0,19	0,00	1,55	0,45	0,36
Corporate Functions	0,00	0	0	0,00	0
Group	10,59	12,84	10,55	12,77	11,45

Rate at which normal rostered workdays or shifts are lost as a consequence of injuries per 200,000 hours worked

Process Safety - Tier 1 significant incidents	2020	2019	2018	2017	2016
Aluminium	4	2	9	7	9
Copper and Diamonds	1	0	2	4	7
Energy and Minerals	2	4	7	10	17
Iron Ore	0	0	1	7	7
Growth and Innovation	0	0	0	0	0
Commercial	0	0	0	0	0
Corporate Functions	0	0	0	1	0
Group	7	6	19	29	40

Critical Risk Management (CRM)	2020	2019	2018	2017	2016
Verifications completed	1.310.000	1.420.000	1.450.000	1.400.000	n/a
Target	1.200.000	1.000.000	1.200.000	n/a	n/a

Note: The above 2020 CRM verifications are exclusive of Covid-19 management verifications

Fines and prosecutions (US\$'000)	2020	2019	2018	2017	2016
Fines and prosecutions – safety	25	540	59	29	62

Types of fatal safety incidents (number)	2020	2019	2018	2017	2016
Aircraft	0	0	0	0	0
Caught in or between	0	0	0	0	1
Drowning	0	0	0	0	0
Electrical	0	0	0	0	0
Fall of ground	0	0	0	0	0
Lifting or hoisting	0	0	0	0	0
Machinery or conveyor	0	0	0	0	0
Other	0	0	0	1	0
Slips, trips and falls	0	0	0	0	0
Struck by falling object	0	0	1	0	0
Theft	0	0	0	0	0
Vehicles on site	0	0	1	0	0
Vehicles off site	0	0	0	0	0
Working at height	0	0	0	0	0

All injury frequency rate (AIFR)	2020	2019	2018	2017	2016
All injury frequency rate (per 200,000 hours worked) - Employees	0,27	0,39	0,43	0,37	0,36
All injury frequency rate (per 200,000 hours worked) - Contractors	0,46	0,44	0,44	0,46	0,54

Contractors defined as A person or organization providing services to an employer at the employer's workplace in accordance with agreed specifications, terms and conditions.

*Numbers restated from those originally published to ensure comparability over time