

All page numbers refer to the 2019 Annual and Sustainability Report, unless specifically noted. Download the 2019 report [here](#).

Sustainability Disclosure Topics and Accounting Metrics

Topic	Accounting metric	Category	Unit of measurement	Code	SASB response
Greenhouse gas emissions	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Quantitative	Metric tons (t) CO ₂ -e, percentage (%)	EM-MM-110a.1	Environment > Our Approach > Energy Use and Greenhouse Gas Emissions (see page 66) Sustainability Performance > Key Performance Data (see page 89) CDP Report Note: Percentage covered under emissions-limiting regulations not available.
	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and analysis of performance against those targets	Discussion and analysis	N/ap	EM-MM-110a.2	Environment > Our Approach > Energy Use and Greenhouse Gas Emissions (see page 66) CDP Report
Air quality	Air emissions of the following pollutants:				
	CO	Quantitative	Metric tons (t)	EM-MM-120a.1	Sustainability Performance > Key Performance Data (see page 89)
	NO _x (excluding N ₂ O)	Quantitative	Metric tons (t)	EM-MM-120a.1	N/ap
	SO _x	Quantitative	Metric tons (t)	EM-MM-120a.1	N/ap
	Particulate matter (PM ₁₀)	Quantitative	Metric tons (t)	EM-MM-120a.1	Sustainability Performance > Key Performance Data (see page 89)
	Mercury (Hg)	Quantitative	Metric tons (t)	EM-MM-120a.1	N/ap
	Lead (Pb)	Quantitative	Metric tons (t)	EM-MM-120a.1	N/ap
	Volatile organic compounds (VOCs)	Quantitative	Metric tons (t)	EM-MM-120a.1	N/ap
Energy management	Total energy consumed	Quantitative	Gigajoules (GJ)	EM-MM-130a.1	Sustainability Performance > Key Performance Data (see page 89) CDP Report
	Percentage grid electricity	Quantitative	Percentage (%)	EM-MM-130a.1	CDP Report
	Percentage renewable	Quantitative	Percentage (%)	EM-MM-130a.1	CDP Report
Water management	Total fresh water withdrawn, percentage of each in regions with high or extremely high baseline water stress	Quantitative	Thousand cubic metres (m ³), percentage (%)	EM-MM-140a.1	Sustainability Performance > Key Performance Data (see page 90) CDP Water Report
	Total fresh water consumed, percentage of each in regions with high or extremely high baseline water stress	Quantitative	Thousand cubic metres (m ³), percentage (%)	EM-MM-140a.1	Sustainability Performance > Key Performance Data (see page 90) CDP Water Report
	Number of incidents of non-compliance associated with water quality permits, standards and regulations	Quantitative	Number	EM-MM-140a.2	Sustainability Performance > Key Performance Data (see page 90) CDP Water Report

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Topic	Accounting metric	Category	Unit of measurement	Code	SASB response
Waste and hazardous materials management	Total weight of tailings waste, percentage recycled	Quantitative	Metric tons (t), percentage (%)	EM-MM-150a.1	Sustainability Performance > Key Performance Data (see page 90)
	Total weight of mineral processing waste, percentage recycled	Quantitative	Metric tons (t), percentage (%)	EM-MM-150a.2	Sustainability Performance > Key Performance Data (see page 90)
	Number of tailings impoundments, broken down by MSHA hazard potential	Quantitative	Number	EM-MM-150a.3	Mine Tailings Disclosure table
Biodiversity impacts	Description of environmental management policies and practices for active sites	Discussion and analysis	N/ap	EM-MM-160a.1	Environment > Our Approach (see page 65) Sustainability Approach > Sustainability Governance > International Best Practice Standards (see page 28) EHS Policy
	Percentage of mine sites where acid rock drainage is: predicted to occur	Quantitative	Percentage (%)	EM-MM-160a.2	Environment > Our Approach > Waste and Tailings (see page 67)
	Percentage of mine sites where acid rock drainage is: actively mitigated	Quantitative	Percentage (%)	EM-MM-160a.2	Environment > Our Approach > Waste and Tailings (see page 67)
	Percentage of mine sites where acid rock drainage is: under treatment or remediation	Quantitative	Percentage (%)	EM-MM-160a.2	If it is potentially contaminated by ARD, it is contoured to flow to our treatment plant.
	Percentage of (1) proved and (2) probable reserves in or near sites with protected conservation status or endangered species habitat	Quantitative	Percentage (%)	EM-MM-160a.3	Sustainability Performance > Key Performance Data (see page 92)
Security, human rights and rights of indigenous peoples	Percentage of (1) proved and (2) probable reserves in or near indigenous land	Quantitative	Percentage (%)	EM-MM-210a.2	Sustainability Performance > Key Performance Data (see page 87)
	Discussion of engagement processes and due diligence practices with respect to human rights, indigenous rights, and operation in areas of conflict	Discussion and analysis	N/ap	EM-MM-210a.3	Sustainability Approach > Sustainability Governance > International Best Practice Standards (see page 28) Sustainability Approach > Human Rights and Security (see page 29) Sustainability Approach > Stakeholder Engagement (see page 33) Social Impact > Exchanging Knowledge and Empowering Local Communities (see page 54) Social Impact > Our Approach (see page 55) Social Impact > Manitoba (see page 57) Social Impact > Peru (see page 59) Social Impact > Arizona (see page 61)

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Community relations	Discussion of process to manage risks and opportunities associated with community rights and interests	Discussion and analysis	N/ap	EM-MM-210b.1	Our Company > Risk Management (see page 17) Social Impact > Our Approach > Community Relations (see page 55) Social Impact > Our Approach > Community Development (see page 56)
	Number and duration of non-technical delays	Quantitative	Number, days	EM-MM-210b.2	Sustainability Performance > Key Performance Data (see page 78)
Labour relations	Percentage of active workforce covered under collective bargaining agreements, broken down by US and foreign employees	Quantitative	Percentage (%)	EM-MM-310a.1	Sustainability Performance > Key Performance Data (see page 78)
	Number and duration of strikes and lockouts ¹	Quantitative	Number, days	EM-MM-310a.2	Sustainability Performance > Key Performance Data (see page 78)
Workforce health and safety	MSHA all-incidence rate for (a) full-time employees and (b) contract employees	Quantitative	Rate	EM-MM-320a.1	Sustainability Performance > Key Performance Data (see page 81)
	Fatality rate for (a) full-time employees and (b) contract employees	Quantitative	Rate	EM-MM-320a.1	Sustainability Performance > Key Performance Data (see page 84)
Business ethics and transparency	Description of the management system for prevention of corruption and bribery throughout the value chain	Discussion and analysis	N/ap	EM-MM-510a.1	Our Company > Business Conduct (see page 16) Our Company > Risk Management (see page 17)
	Production in countries that have the 20 lowest rankings in Transparency International's Corruption Perception Index	Quantitative	Metric tons (t) saleable	EM-MM-510a.2	N/ap

Activity Metrics

Activity metric	Category	Unit of measurement	Code	SASB response
Production of (1) metal ores and (2) finished metal products	Quantitative	Metric tons (t) saleable	EM-MM-000.A	Sustainability Performance > Key Performance Data (see page 76)
Total number of employees, percentage contractors	Quantitative	Number, Percentage (%)	EM-MM-000.B	Sustainability Performance > Key Performance Data (see page 77)

¹ Note to EM-MM-310a.2 – Disclosure shall include a description of the root cause for each work stoppage.