



Sustainability Accounting Standards Board (SASB) Response

Topic	Metric	Category	Unit of Measure	Code	Response/Comment
Activity Metric	Number of vehicles manufactured	Quantitative	Number	TR-AU-000.A	2022 Sustainability Supplement > Data Center > Environmental > Global Volume
	Number of vehicles sold	Quantitative	Number	TR-AU-000.B	2022 Sustainability Supplement > Data Center > Environmental > Global Volume
Product Safety	Percentage of vehicle models rated by NCAP programs with an overall 5-star safety rating, by region	Quantitative	Percentage (%) of rated vehicles	TR-AU-250a.1	2022 Sustainability Supplement > Data Center > Safety > Global Vehicle Safety
	Number of safety-related defect complaints, percentage investigated	Quantitative	Number, Percentage (%)	TR-AU-250a.2	General Motors reviews 100% of NHTSA Vehicle Owner Questionnaires filed for GM vehicles. As a part of Speak Up For Safety, GM investigates all submissions that have a potential vehicle safety concern.
	Number of vehicles recalled	Quantitative	Number	TR-AU-250a.3	2022 Sustainability Supplement > Data Center > Safety > Global Vehicle Safety
Labor Practices	Percentage of active workforce covered under collective bargaining agreements	Quantitative	Percentage (%)	TR-AU-310a.1	2022 Sustainability Supplement > Data Center > Workforce > Labor Relations
	(1) Number of work stoppages and (2) total days idle	Quantitative	Number, Days	TR-AU-310a.2	2022 Sustainability Supplement > Data Center > Workforce > Labor Relations
Fuel Economy & Use-Phase Emissions	Sales-weighted average passenger fleet fuel economy, by region	Quantitative	Mpg, L/km, gCO2/km, km/L Methodology: Average F/E calculated by model year as required for regulatory purposes.	TR-AU-410a.1	2022 Sustainability Supplement > Data Center > Environmental > Sales-Weighted Average Passenger Fleet Fuel Economy By Region
	Number of (1) zero emission vehicles (ZEV), (2) hybrid vehicles, and (3) plug-in hybrid vehicles sold	Quantitative	Vehicle units sold	TR-AU-410a.2	2022 Sustainability Supplement > Data Center > Environmental > Global Sales Volume Of Alternative Drive Train Vehicles
	Discussion of strategy for managing fleet fuel economy and emissions risks and opportunities	Discussion and Analysis		TR-AU-410a.3	2022 SR > Environment > Emissions Reduction Plan 2022 CDP Climate Change (C2.3, C2.4, C12.3a)



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Materials Sourcing	Description of the management of risks associated with the use of critical materials	Discussion and Analysis		TR-AU-440a.1	<p>Many of the advanced technologies in our portfolio may use minerals and materials that are potentially mined in conflict-affected and high-risk areas. To identify and mitigate human rights risk in the sourcing of these raw materials, our due diligence practices undertaken in connection with our Responsible Materials Program and our Conflict Mineral Program are aligned with the Organization for Economic Co-operation and Development Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas. We enjoy strong management support for conflict mineral supply chain due diligence. A compliance committee comprised of cross-functional GM leaders and an executive steering committee provide leadership and direction for the program</p> <p>Also refer to:</p> <p>2022 SR > Environment > Designing for the Environment > Sustainable Materials</p> <p>2022 SR > Environment > Designing for the Environment > Circular Economy</p> <p>2022 SR > Social > Supply Chain > Sourcing Strategic Raw Materials</p> <p>2022 SR > Social > Supply Chain > Supply Chain Disruption</p>
Materials Efficiency & Recycling	Total amount of waste from manufacturing, percentage recycled	Quantitative	Metric tons (t), Percentage (%)	TR-AU-440b.1	2022 Sustainability Supplement > Data Center > Environmental > Global Waste
	Weight of end-of-life material recovered, percentage recycled	Quantitative	Metric tons (t), Percentage (%) Methodology: Percentage is weight of recovered and recycled EOL material divided by total EOL recovered material	TR-AU-440b.2	<p>2022 Sustainability Supplement > Data Center > Environmental > Global Waste</p> <p>GM does not compile this information outside of the EU where the End of Life Vehicle (ELV) law requires OEMs to have programs to retrieve and recycle our vehicles. No other region of sale has this requirement. However, the automobile is considered the most reused and recycled product in the marketplace. In North America and other regions, there is a well-established automotive dismantling industry that manages this activity. Per the Automotive Recyclers Association, the professional automotive recycling industry recycles over 4 million motor vehicles annually in the United States and Canada alone. The U.S. automotive recycling industry employs over 140,000 people in the United States at more than 9,000 locations around the country, generating \$32 billion in sales nationwide. Per The Balance Small Business Sustainable Businesses/Metal Recycling website,* each year, over 25 million tons of materials are recycled from old vehicles.</p>
	Average recyclability of vehicles sold	Quantitative	Percentage (%) by sales-weighted weight (metric tons) Methodology: Percentage is weight of components/materials in vehicle sold that are recyclable divided by total weight of all vehicles sold.	TR-AU-440b.3	2022 Sustainability Supplement > Data Center > Environmental > Global Waste

*Auto or Car Recycling Facts and Figures, Facts about car or automobile recycling, by Rick LeBlanc updated August 06, 2019.