

SASB Index

2021



Integrated Sustainability and Financial Report 2021

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Our Sustainability Aspirations

We are working to revolutionize mobility, fueled by new challenges and the desire to help build a better world for everyone.



Climate Change

Achieve carbon neutrality by 2050



Air

Attain zero emissions from our vehicles and facilities



Energy

Use 100 percent local, renewable electricity in all manufacturing by 2035



Waste

Reach true zero waste to landfill across our operations
Eliminate single-use plastics from our operations by 2030



Water

Make zero water withdrawals for manufacturing processes
Use freshwater only for human consumption



Materials

Utilize only recycled or renewable content in vehicle plastics



Safety

Work toward a future that is free from vehicle crashes and workplace injuries



Human Rights

Source only raw materials that are responsibly produced



Diversity, Equity and Inclusion

Create a truly diverse culture where everyone feels like they belong



Access

Drive human progress by providing mobility and accessibility for all

SASB Index 2021

The Sustainability Accounting Standards Board (SASB) connects businesses and investors to the financial impacts of sustainability. Our [Integrated Sustainability and Financial Report 2021](#) marks the third time that Ford has reported to the SASB framework against the Transportation Standards.

SASB Standard – Automobiles (TR-AU)

Topic	Accounting Metric	Category	Unit of Measure	Code	Response
Product Safety	Percentage of vehicle models rated by NCAP programs with an overall 5-star safety rating, by region	Quantitative	Percentage (%)	TR-AU-250a.1	<p>U.S. – 72% Europe – 60% China – 100%</p> <p>Integrated Sustainability and Financial Report 2021 > Progress Against Our Aspirations, pages 12–14</p> <p>Integrated Sustainability and Financial Report 2021 > Safety and Quality, pages 73–74</p> <p>Performance Data, page 6</p>
	Number of safety-related defect complaints, percentage investigated	Quantitative	Number, percentage (%)	TR-AU-250a.2	<p>Ford reviews 100 percent of NHTSA VOQ complaints filed on Ford vehicles over the last 17 model years.</p> <p>Number of U.S. safety recalls in 2020: 45</p> <p>Number of global safety recalls in 2020: 107</p> <p>Total units in U.S. affected by these recalls: 4.79 million vehicles</p> <p>Total units globally affected by recalls: 7.48 million vehicles</p> <p>Performance Data, page 6</p>
	Number of vehicles recalled	Quantitative	Number	TR-AU-250a.3	<p>Integrated Sustainability and Financial Report 2021 > Product Quality, page 77</p> <p>Number of U.S. safety recalls in 2020: 45</p> <p>Number of global safety recalls in 2020: 107</p> <p>Total units in U.S. affected by these recalls: 4.79 million vehicles</p> <p>Total units globally affected by recalls: 7.48 million vehicles</p> <p>Integrated Sustainability and Financial Report 2021 > Safety and Quality, page 73</p> <p>Performance Data, page 6</p>

SASB Standard – Automobiles (TR-AU)

Topic	Accounting Metric	Category	Unit of Measure	Code	Response
Labor Practices	Percentage of active workforce covered under collective bargaining agreements	Quantitative	Percentage (%)	TR-AU-310a.1	<p>Ford works with about 42 unions globally, representing approximately 72% of our global workforce covered by collective bargaining agreements.</p> <p>Form 10-K, pages 14 and 18</p> <p>GRI Index 2021, 102-41 page 7</p>
	(1) Number of work stoppages and (2) total days idle	Quantitative	Number, days idle	TR-AU-310a.2	<p>In January 2020 Ford experienced one industrial action in Taubaté, Brazil, which lasted one day, during the wage, result-sharing and VSP negotiation process. Production losses were recovered during the year without any issues. However, the strike impacted 1,036 employees.</p>
Fuel Economy & Use-Phase Emissions	Sales-weighted average passenger fleet fuel economy, by region	Quantitative	Mpg, L/km, gCO ₂ /km, km/L	TR-AU-410a.1	<p>Ford U.S. corporate average fuel economy, combined car and truck fleet, miles per gallon: 29.9</p> <p>Ford U.S. CO₂ tailpipe emissions per vehicle (grams per mile): 301</p> <p>Ford Europe CO₂ tailpipe emissions per passenger vehicle (grams per kilometer): Preliminary data will be available in the Performance Data appendix in July 2021</p> <p>Ford Switzerland CO₂ tailpipe emissions per passenger vehicle (grams per kilometer)*: 114.354</p> <p>Ford Switzerland CO₂ tailpipe emissions per light commercial vehicle (grams per kilometer)*: 180.295</p> <p>Ford (China) Import corporate average fuel consumption: 8.61L/100km</p> <p>Jiangling Motors Corporation (JMC) corporate average fuel consumption: 7.50 L/100km</p> <p>Changan Ford Automobile Corporation (CAF) corporate average fuel consumption: 7.18 L/100km</p> <p>Integrated Sustainability and Financial Report 2021 > Progress Against Our Aspirations, pages 12–14</p> <p>Integrated Sustainability and Financial Report 2021 > Reducing Our Vehicle CO₂ Footprint, pages 43–45</p> <p>Integrated Sustainability and Financial Report 2021 > Improving Fuel Economy, page 45</p> <p>Performance Data, page 8</p> <p>* Switzerland data is provisional. Final data expected mid-May 2021.</p>

SASB Standard – Automobiles (TR-AU)

Topic	Accounting Metric	Category	Unit of Measure	Code	Response
Fuel Economy & Use-Phase Emissions <i>continued</i>	Number of (1) zero-emission vehicles (ZEV), (2) hybrid vehicles and (3) plug-in hybrid vehicles sold	Quantitative	Number	TR-AU-410a.2	(1) 255 zero-emission vehicles (2) 74,496 hybrid vehicles (3) 8,064 plug-in hybrid vehicles
	Discussion of strategy for managing fleet fuel economy, and emissions risks and opportunities	Discussion and Analysis	N/A	TR-AU-410a.3	<p>Integrated Sustainability and Financial Report 2021 > Our Sustainability Strategy, page 10</p> <p>Integrated Sustainability and Financial Report 2021 > Leading the Electric Revolution, page 30</p> <p>Integrated Sustainability and Financial Report 2021 > Climate Change: Toward Carbon Neutrality, pages 41–43</p> <p>Integrated Sustainability and Financial Report 2021 > Reducing Our Vehicle CO₂ Footprint, pages 43–45</p> <p>Integrated Sustainability and Financial Report 2021 > Improving Fuel Economy, page 45</p> <p>Integrated Sustainability and Financial Report 2021 > Alternative Fuels and Powertrains, page 46</p> <p>Integrated Sustainability and Financial Report 2021 > Board's Role in Risk Management, page 20</p> <p>Integrated Sustainability and Financial Report 2021 > Risks and Opportunities, page 21</p> <p>Integrated Sustainability and Financial Report 2021 > Taking a Life Cycle Approach, pages 45–46</p> <p>Integrated Sustainability and Financial Report 2021 > New Ford Policy: We Are Committed to Protecting Human Rights and the Environment Policy, page 40</p> <p>Climate Change Scenario Report > Ford's Climate Strategy, pages 3–4</p> <p>See our most current CDP Climate Change Response (C2.2) (C2.2a) (C3.1b) (C3.1d)</p>

SASB Standard – Automobiles (TR-AU)

Topic	Accounting Metric	Category	Unit of Measure	Code	Response
Materials Sourcing	Description of the management of risks associated with the use of critical materials	Discussion and Analysis	N/A	TR-AU-440a.1	<p>Integrated Sustainability and Financial Report 2021 > Minimizing Our Supply Chain Impacts, pages 55–56</p> <p>Integrated Sustainability and Financial Report 2021 > Responsible Sourcing of Raw Materials, pages 71–72</p> <p>Integrated Sustainability and Financial Report 2021 > Disclosing and Reporting on Conflict Minerals, page 71</p> <p>Integrated Sustainability and Financial Report 2021 > Other Responsibly Sourced Raw Materials, pages 71–72</p> <p>Integrated Sustainability and Financial Report 2021 > Prioritizing Key Issues, page 15</p> <p>Integrated Sustainability and Financial Report 2021 > Respecting Human Rights, page 66</p> <p>Integrated Sustainability and Financial Report 2021 > Identifying Our Salient Human Rights Issues, page 67</p> <p>Integrated Sustainability and Financial Report 2021 > Human Rights Within Our Supply Chain, page 69</p> <p>Responsible Materials Policy</p> <p>We Are Committed to Protecting Human Rights and the Environment Policy</p> <p>Ford Motor Company Conflict Minerals Report</p> <p>Supplier Code of Conduct</p> <p>Global Modern Slavery and Human Trafficking Transparency Statement</p> <p>Form 10-K, page 7</p>

SASB Standard – Automobiles (TR-AU)

Topic	Accounting Metric	Category	Unit of Measure	Code	Response
Materials Efficiency & Recycling	Total amount of waste from manufacturing, percentage recycled	Quantitative	Metric tons (t), percentage (%)	TR-AU-440b.1	<p>Total waste generated in operations in 2020: 0.99 million metric tons</p> <p>Percent recycled: 91%</p> <p>Performance Data, page 9</p> <p>Integrated Sustainability and Financial Report 2021 > Progress Against Our Aspirations, page 12</p>
	Weight of end-of-life material recovered, percentage recycled	Quantitative	Metric tons (t), percentage (%)	TR-AU-440b.2	<p>The weight of recovered/recycled material depends on the infrastructure available in the geographic region in which the vehicle is sold. In our major markets, over 85% of vehicle parts are recycled or reused at their end of life.</p> <p>Ford remanufactures a number of components for the aftermarket and has many uses for recycled content in our components, including rubber from post-consumer tires in underbody covers, recycled plastic bottles in carpet and nylon from carpeting in cylinder head covers. Parts remanufactured and with recycled content also vary by region.</p> <p>The current average recycled plastic content of a European vehicle is 6.5 percent; that is to say, of all the plastics used within the vehicle, 6.5 percent by weight* is sourced from recycle.²</p> <p>*The average relates to 10 vehicle programs where the recycled content of plastics is known.</p> <p>Integrated Sustainability and Financial Report 2021 > Progress Against Our Aspirations, page 12</p> <p>Integrated Sustainability and Financial Report 2021 > Moving Toward a Circular Economy, pages 47-49</p>
	Average recyclability of vehicles sold	Quantitative	Percentage (%) by sales-weighted metric tons (t)	TR-AU-440b.3	<p>The weight of recovered/recycled material depends on the infrastructure available in the geographic region in which the vehicle is sold. In our major markets, our vehicles are 85 percent recyclable and 95 percent recoverable by weight.</p> <p>Integrated Sustainability and Financial Report 2021 > Moving Toward a Circular Economy, pages 47-49</p> <p>Integrated Sustainability and Financial Report 2021 > How We Create Sustainable Value, page 9</p>

Activity Metric	Category	Unit of Measure	Ford Data/Information Source	
Number of vehicles manufactured	Quantitative	Number of vehicles manufactured	TR-AU-000.A	Number of vehicles manufactured: 4.162 million
Number of vehicles sold	Quantitative	Number of vehicles sold	TR-AU-000.B	Wholesales (primarily sales to dealerships): 4.187 million Retail (primarily sales by dealers): 4.5 million

1 Changan Ford (CAF) and Jiangling Motors Corp (JMC) are joint ventures with Ford Motor Company.

2 Raw material sent to, and processed in, a waste recycling plant or materials recovery facility.



Ford Motor Company

One American Road (207-E6)

Dearborn, MI 48126, U.S.A.

sustainability.ford.com

shareholder.ford.com