

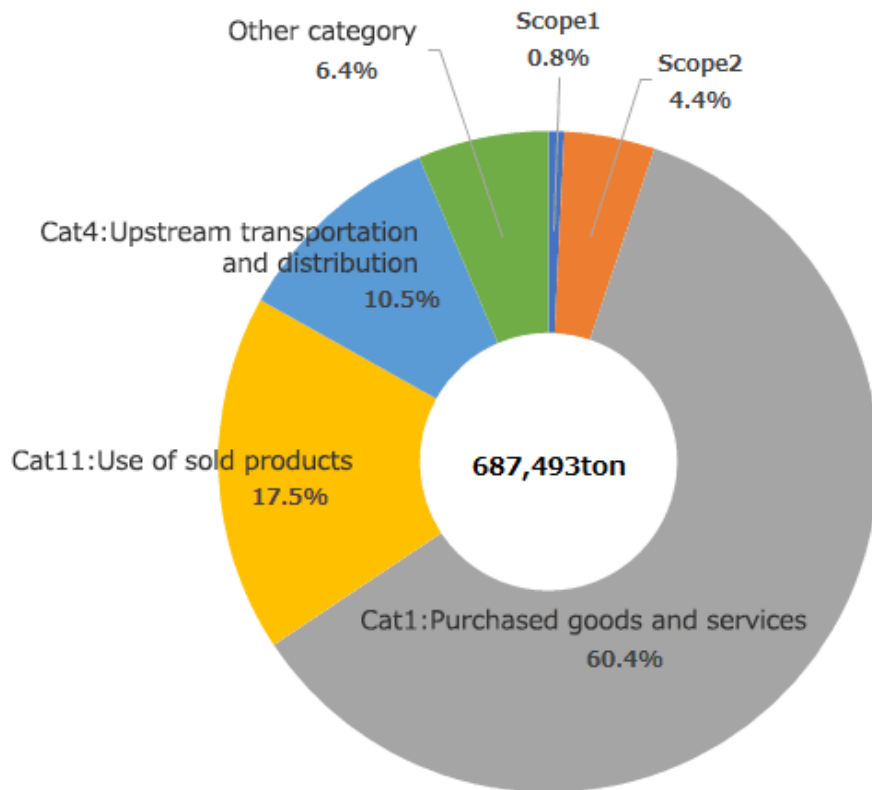
CO₂ Emissions Throughout the Entire Value Chain

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Casio has identified and calculated greenhouse gas emissions produced by its own business activities (Scope 1 and Scope 2) and emissions located upstream and downstream in the overall value chain (Scope 3). Casio has calculated CO₂ emissions for 11 out of 15 categories of Scope 3 CO₂ emissions, excluding four categories with little impact, with reference to the GHG Protocol, which is the international standard. Scope 3 emissions accounted for approximately 95% of all emissions in fiscal 2019, which is similar to the previous fiscal year. Within Scope 3, purchased goods and services accounted for the greatest share, about 60%.

Going forward, Casio will promote efforts to reduce greenhouse gas emissions throughout the entire value chain with a particular focus on encouraging major suppliers to set targets for greenhouse gas emission reductions with regard to CO₂ emissions related to purchased goods and services.

CO₂ Emissions throughout the Entire Value Chain



Scope/Category		CO ₂ emissions in fiscal 2019	
		t-CO ₂	rasio
Scope 1		5,268	0.8%
Scope 2	Location-based	30,528	4.4%
	Market-based	28,747	-
Scope 3		651,697	94.8%
1 Purchased goods and services		415,541	60.4%
2 Capital goods		19,467	2.8%
3 Fuel- and energy-related activities not included in Scope 1 or Scope 2		2,566	0.4%
4 Upstream transportation and distribution		71,956	10.5%
5 Waste generated in operations		1,396	0.2%
6 Business travel		1,543	0.2%
7 Employee commuting		1,074	0.2%
8 Upstream leased assets		2,137	0.3%
9 Downstream transportation and distribution		-	-
10 Processing of sold products		-	-
11 Use of sold products		120,165	17.5%
12 End of life treatment of sold products		10,172	1.5%

Scope/Category		CO ₂ emissions in fiscal 2019	
		t-CO ₂	rasio
13 Downstream leased assets		-	-
14 Franchises		-	-
15 Investments		5,681	0.8%
Total	Location-based	687,493	100.0%
	Market-based	685,712	-

* Scope 2

Location-based CO₂ emissions were calculated using the CO₂ emission factor given in the Calculation Standards. Market-based CO₂ emissions, on the other hand, were calculated using the CO₂ emission factor for each electric utility in the List of Emission Factors by Electric Utility under Japan's Act on Promotion of Global Warming Countermeasures, in the case of emissions in Japan, and the same CO₂ emission factor as location-based calculations for other countries.