

CO2 Emissions Throughout the Entire Value Chain

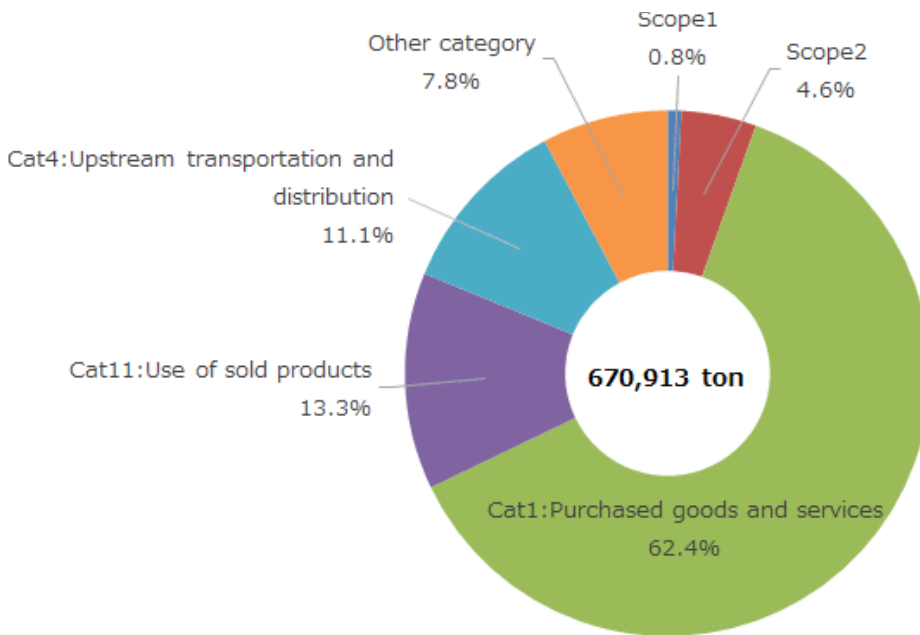
CO₂ Emissions throughout the Entire Value Chain

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 2018, which is similar to the previous fiscal year. Within Scope 3, purchased goods and services accounted for the greatest share, about 62%.

Going forward, Casio will focus on the three themes below in relation to Scope 3 emissions.

- Enhance accuracy in the calculation of each category
- Draft and implement measures to reduce emissions in each Scope 3 category
- Promote emissions reduction upstream and downstream in the value chain

CO₂ Emissions throughout the Entire Value Chain



Category	CO ₂ emissions in fiscal 2018	
	t-CO ₂	rasio
Scope 1	5,670	0.85%
Scope 2	30,927	4.61%
Scope 3	634,316	94.55%
1 Purchased goods and services	418,662	62.40%
2 Capital goods	23,920	3.57%
3 Fuel- and energy-related activities not included in Scope 1 or Scope 2	2,353	0.35%
4 Upstream transportation and distribution	74,161	11.05%
5 Waste generated in operations	1,308	0.19%
6 Business travel	1,599	0.24%
7 Employee commuting	1,074	0.16%
8 Upstream leased assets	2,124	0.32%
9 Downstream transportation and distribution	-	-
10 Processing of sold products	-	-
11 Use of sold products	89,453	13.33%
12 End of life treatment of sold products	12,553	1.87%
13 Downstream leased assets	-	-
14 Franchises	-	-
15 Investments	7,109	1.06%
Total	670,913	100.00%

The breakdown of Category 4 (Unit: t-CO₂)

Japan) Truck: 738, Railway: 47

Overseas) Railway: 1,048, Airplane: 54,822, Ship: 17,506