

## Greenhouse Gas Emissions Based on the GHG Protocol Initiative

Sharp calculates greenhouse gas emissions based on the GHG Protocol<sup>\*1</sup> and then works to limit those emissions resulting from customer use of Sharp products and from Sharp's business activities, including those in the supply chain.

\*1 The GHG Protocol is an international standard for calculating greenhouse gas (GHG) emissions. It was jointly established by the World Business Council for Sustainable Development (WBCSD), a coalition of the world's leading companies, and the World Resources Institute (WRI), a United States-based think tank.

\*2 LCD TVs, air conditioners, refrigerators, washing machines, air purifiers, microwave ovens, copiers/MFPs, solar cells

\*3 Annual power consumption of each product × number of units sold × product life × CO<sub>2</sub> emission coefficient

\*4 TVs (CRT TVs, flat-panel TVs), air conditioners, refrigerators/freezers, washing machines/dryers

### Greenhouse Gas Emissions by Scope 1/2/3 Categories Based on the GHG Protocol Initiative (Fiscal 2020)

Category		Emissions (Thousand Tons CO <sub>2</sub> )	Notes
Scope 1 (direct GHG emissions from business activities)		270	Emissions from combustion of fuel, etc.
Scope 2 (indirect GHG emissions from energy usage in business activities)		681	Emissions from the use of electricity
Total of Scope 1 and Scope 2		951	
Scope 3 (indirect GHG emissions from outside the scope of business activities)	1. Purchased goods and services	3,762	Emissions from the manufacture of materials procured for products in the 8 major categories <sup>*2</sup> that the Sharp Group sold in the reporting year
	2. Capital goods	249	Emissions from the construction, manufacture, and transportation of Sharp Group capital goods (such as equipment, machinery, buildings, facilities, and vehicles)
	3. Fuel- and energy-related activities (not included in Scope 1 or 2)	144	Emissions from the procurement of fuels (natural resource extraction, manufacture, and transportation) consumed in the generation of electricity and heat the Sharp Group procures from other companies
	4. Upstream transportation and distribution	225	Emissions from the transportation of Sharp Group parts and materials and products manufactured
	5. Waste generated in operations	2	Emissions from waste disposal and treatment by the Sharp Group
	6. Business travel	2	Emissions from business travel by all employees of Sharp Corporation
	7. Employee commuting	6	Emissions from commuting by all employees of Sharp Corporation
	8. Upstream leased assets	—	Included in Scope 1 and 2 CO <sub>2</sub> emissions
	9. Downstream transportation and distribution	38	Emissions from the transportation (from retailers to end consumers) of products in the 8 major categories <sup>*2</sup> that the Sharp Group sold in the reporting year
	10. Processing of sold products	65	Emissions from processing at destination of Sharp Group products
	11. Use of sold products	29,593	Emissions <sup>*3</sup> from the use of products in the 8 major categories <sup>*2</sup> that the Sharp Group sold in the reporting year
	12. End-of-life treatment of sold products	3	Emissions from recycling 4 types of appliances <sup>*4</sup> that Sharp Corporation sold in Japan
	13. Downstream leased assets	—	Not applicable
	14. Franchises	—	Not applicable
	15. Investments	—	Not applicable
Scope 3 total		34,096	
Scope 1 + 2 + 3 total		35,047	