

ESG data

You can view various data of ESG (Environment, Social, and Governance), based on Hamamatsu Photonics's business and social activities.

- Environment				
	Unit	2018	2019	2020
Energy	(kl)	29,216	29,162	30,307
Electricity	(kWh)	105,542,744	105,743,565	110,348,662
Renewable Electricity	(kWh)	6,754	6,050,668	7,099,740
Carbon Emissions	(t-CO ₂)	448,508	452,011	590,936
Scope1 (All Direct Carbon Emissions)	(t-CO ₂)	12,043	12,074	11,671
Scope2 (Indirect Carbon Emissions)	(t-CO ₂)	45,902	41,931	42,359
Scope3 (Other Indirect Carbon Emissions)	(t-CO ₂)	390,563	398,006	536,906
Water	(1,000m ³)	704	749	730
Tap water	(1,000m ³)	98	105	101
Well water	(1,000m ³)	575	601	585
Industrial water	(1,000m ³)	31	43	44
Wastewater	(1,000m ³)	634	664	706
Public sewer	(1,000m ³)	127	135	138
River discharge	(1,000m ³)	507	529	568
VOC emissions	(t)	13.1	14.1	14.0
Materials	(t)	670	643	626
Participants of chemical substance education	(People)	542	753	499
Industrial waste	(t)	550	541	549
Certain hazardous waste	(t)	271	315	307
Valuable material	(t)	251	293	288
Recycling	(t)	914	1,050	1,077
Landfill	(t)	5	6	3
Green Purchasing Rate	(%)	97.4	96.5	89.6
ISO14001 certification (employee ratio)	(%)	96.3	95.8	98.0
+ Social				
+ Governance				

(Note) The reporting period is our business year (from October of previous year to September) or the general fiscal year (from April to March of next year).