

Production volumes, energy use, water use, and CO2 emissions data

Company	Fiscal year (April to March)		2016	2017	2018	2019
Sapporo Breweries	Production volumes	Thousands of kL	712	711	644	652
	Fuel consumption	GJ	963,293	944,687	884,482	877,533
	Electricity consumption	MWh	94,334	92,929	91,205	92,038
	Water consumption	Thousands of m ³	4,667	4,620	4,294	4,214
	CO ₂ emissions	Thousands of t	100	96	91	93
	CO ₂ emissions per unit volume produced	kg/KL	141	135	142	142

Company	Fiscal year (April to March)		2016	2017	2018	2019
Sapporo Lion	Fuel consumption	GJ	76,531	73,867	72,038	63,990
	Electricity consumption	MWh	19,548	19,312	18,733	17,996
	Water consumption	Thousands of m ³	313	298	292	278
	CO ₂ emissions	Thousands of t	13.9	13.4	12.9	11.5

Company	Fiscal year (April to March)		2016	2017	2018	2019
POKKA SAPPORO Food & Beverages	Production volumes	Thousands of kL	161	173	161	165
	Fuel consumption	GJ	257,344	248,805	232,348	263,711
	Electricity consumption	MWh	20,478	22,750	22,736	26,383
	Water consumption	Thousands of m ³	1,149	1,129	1,118	1,344
	CO ₂ emissions	Thousands of t	23	23	23	27
	CO ₂ emissions per unit volume produced	kg/t	142	135	141	164

Company	Fiscal year (April to March)		2016	2017	2018	2019
Pokka Create	Floor area	Thousands of m ²	24	23	26	25
	Fuel consumption	GJ	4,801	5,097	1,521	616
	Electricity consumption	MWh	16,205	15,762	16,443	16,513
	CO ₂ emissions	Thousands of t	8	8	8	7
	CO ₂ emissions per unit volume produced	kg/m ²	342	348	300	284

Company	Fiscal year (April to March)		2016	2017	2018	2019
Shinshyu-ichi Miso	Production volumes	千t	-	-	-	24
	Fuel consumption	GJ	-	-	-	29,569
	Electricity consumption	MWh	-	-	-	6,486
	Water consumption	Thousands of m ³	-	-	-	236
	CO ₂ emissions	Thousands of t	-	-	-	5
	CO ₂ emissions per unit volume produced	kg/t	-	-	-	213

Company	Fiscal year (April to March)		2016	2017	2018	2019
Sapporo Real Estate	Floor area	Thousands of m ²	-	-	-	474
	Fuel consumption	GJ	-	-	-	291,027
	Electricity consumption	MWh	-	-	-	38,811
	Water consumption	Thousands of m ³	-	-	-	330
	CO ₂ emissions	Thousands of t	-	-	-	30
	CO ₂ emissions per unit volume produced	kg/m ²	-	-	-	63.7

Calculations are based on the Act on Promotion of Global Warming Countermeasures.

CO₂ emissions factors for domestic energy use are calculated according to base emissions factors until 2018, and according to adjusted emissions factors from 2019 onward.