

The Japan Containers and Packing Recycling Association
Recycling Unit Cost and Coefficient table for 2019

Recycling Unit Cost

Packing	Glass Bottles, Colorless	Glass Bottles, Amber	Glass Bottles, Other Colors	PET Bottle	Paper Packaging	Plastic Packaging
Unit Cost, ¥/kg	4.3	6	11.6	2	12	46

Without Consumption Tax

Coefficient for Ordinary Calculation

	Business Classification	Glass Bottles						PET Bottle		Paper Packaging		Paper Packaging	
		Colorless		Amber		Other Colors		Use	Manufacture	Use	Manufacture	Use	Manufacture
		Use	Manufacture	Use	Manufacture	Use	Manufacture						
Container	Food Manufacturing	0.36261	0.01873	0.43187	0.00513	0.80842	0.05252	0.49452	0.03568	0.04826	0.00151	0.66509	0.03617
	SoftDrink, Tea, Coffee Manufacturing	0.34231	0.04100	0.40020	0.03067	0.78623	0.07439	0.45790	0.06353	0.04778	0.00133	0.67013	0.01809
	Alcoholic Beverage Manufacturing	0.35779	0.02092	0.42928	0.00746	0.82857	0.03345	0.50677	0.02302	0.04727	0.00151	0.68775	0.00446
	Oil/fat Processing, Soap, Synthetic Detergent, Surfactant and Paint Manufacturing	-	-	-	-	-	-	-	-	0.04775	0.00116	0.63514	0.04577
	Pharmaceuticals Manufacturing	0.37978	0.00170	0.41676	0.01620	0.86321	0.01708	-	-	0.04950	0.00012	0.68828	0.00325
	Cosmetics, Toothpaste, Other Toiletries Manufacturing	0.36504	0.01449	0.43320	0.00874	0.74713	0.09822	-	-	0.04914	0.00024	0.66057	0.02169
	Retail Sales	-	-	-	-	-	-	-	-	0.04940	0.00027	0.69143	0.00735
	Other Industries	0.38015	0.01156	0.42777	0.00260	0.83990	0.03789	-	-	0.04926	0.00029	0.68725	0.00534
Wrapping	Wrapping	-	-	-	-	-	-	-	-	0.03822	-	0.50016	-

Coefficient for Simplified Calculation

	Business Classification	Glass Bottles						PET Bottle		Paper Packaging		Paper Packaging	
		Colorless		Amber		Other Colors		Use	Manufacture	Use	Manufacture	Use	Manufacture
		Use	Manufacture	Use	Manufacture	Use	Manufacture						
Container	Food Manufacturing	0.36261	0.01873	0.38868	0.00513	0.76799	0.05252	0.46979	0.03568	0.04344	0.00128	0.56533	0.03255
	SoftDrink, Tea, Coffee Manufacturing	0.32520	0.04100	0.36018	0.03067	0.74692	0.07439	0.41211	0.06035	0.04061	0.00133	0.56961	0.01809
	Alcoholic Beverage Manufacturing	0.26835	0.01883	0.30050	0.00708	0.58000	0.02843	0.43076	0.02302	0.03545	0.00135	0.51581	0.00424
	Oil/fat Processing, Soap, Synthetic Detergent, Surfactant and Paint Manufacturing	-	-	-	-	-	-	-	-	0.04297	0.00110	0.57163	0.04577
	Pharmaceuticals Manufacturing	0.18989	0.00128	0.31257	0.01539	0.77689	0.01708	-	-	0.02475	0.00011	0.20649	0.00244
	Cosmetics, Toothpaste, Other Toiletries Manufacturing	0.34678	0.01449	0.41154	0.00874	0.67242	0.08349	-	-	0.04668	0.00024	0.59451	0.02169
	Retail Sales	-	-	-	-	-	-	-	-	0.03458	0.00023	0.58771	0.00624
	Other Industries	0.32313	0.00925	0.04278	0.00260	0.71391	0.03789	-	-	0.03695	0.00020	0.30926	0.00374
Wrapping	Wrapping	-	-	-	-	-	-	-	-	0.02675	-	0.35011	-