



IV Group Collection of Steel Cans

1. How Many Municipalities Practice Group Collection?

About 80% of Municipalities Practice Group Collection Programs

The rate of municipalities involvement in group collection, all forms included is 79.9%. This would probably be higher if resource collections performed privately were included. Most of municipalities (96.9%) where population is more than 500,000, conduct practice group collection.



People are sorting recyclable wastes

The Rate of Practicing Group Collection

79.9% of municipalities are practicing group collection that around 80% of municipalities conduct practice group collection.

	FY2009		FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Practice	578	81.4	577	80.0	580	79.9
Do not practice	109	15.4	93	12.9	89	12.3
Unknown	22	3.1	49	6.8	54	7.4
Others	1	0.1	2	0.3	3	0.4
Total	710	100.0	721	100.0	726	100.0

Note: [Do not practice] and [Unknown] include municipalities that have no information because group collection is performed privately.

The Rate of Practicing Group Collection according to the Scale of Population in FY2018

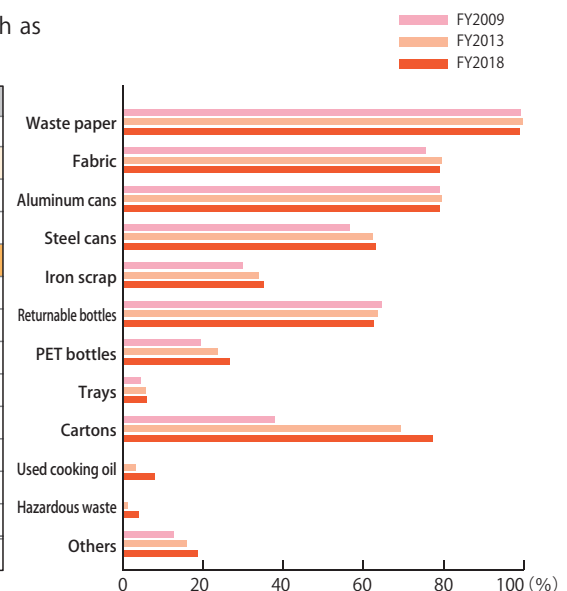
In large cities where more than 500,000 people reside conduct practicing group collection, however the trend indicates that the ratio gets lesser in small cities. Others are municipalities do not involve in practicing group collection but some groups like school or community does it by themselves.

	Practice		Do not practice		Unknown		Others		Total	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Less than 30,000	43	53.1	22	27.2	16	19.7	0	0.0	81	100.0
30,000 to 50,000	115	73.3	28	17.8	12	7.6	2	1.3	157	100.0
50,000 to 100,000	183	83.6	22	10.0	14	6.4	0	0.0	219	100.0
100,000 to 200,000	128	86.5	11	7.4	8	5.4	1	0.7	148	100.0
200,000 to 300,000	40	90.9	3	6.8	1	2.3	0	0.0	44	100.0
300,000 to 500,000	40	88.9	3	6.7	2	4.4	0	0.0	45	100.0
More than 500,000	31	96.9	0	0.0	1	3.1	0	0.0	32	100.0

Target Item for Group Collection (multiple answers)

63.1% of municipalities collect steel cans in group collection. Items such as waste paper, cartons are collected in most of municipalities(99.0%).

	FY2009		FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Waste paper	573	99.1	576	99.8	574	99.0
Fabric	437	75.6	459	79.5	459	79.1
Aluminum cans	457	79.1	458	79.4	458	79.0
Steel cans	327	56.6	359	62.2	366	63.1
Iron scrap	172	29.8	195	33.8	203	35.0
Returnable bottles	372	64.4	367	63.6	362	62.4
PET bottles	114	19.4	136	23.6	155	26.7
Trays	26	4.5	33	5.7	34	5.9
Cartons	219	37.9	400	69.3	448	77.2
Used cooking oil	-	-	18	3.1	46	7.9
Hazardous waste	-	-	7	1.2	22	3.8
Others	73	12.6	91	15.8	108	18.6
Total	578	100.0	577	100.0	580	100.0

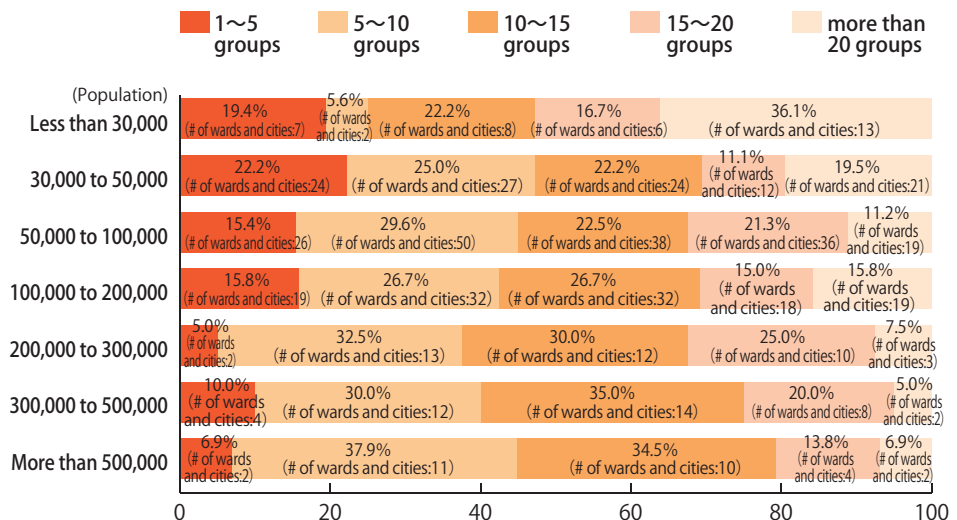


Note1: [Others] indicates plastic containers for beer, mixed paper, plastic items, etc.
 Note2: [Used cooking oil] and [Hazardous waste] are added since FY2011

Number of Groups Practicing Group Collection according to the Scale of Population per 10,000

Average number of groups practicing group collection per 10,000 population is shown that less population region has high rate of participants and high population region has low rate of participants.

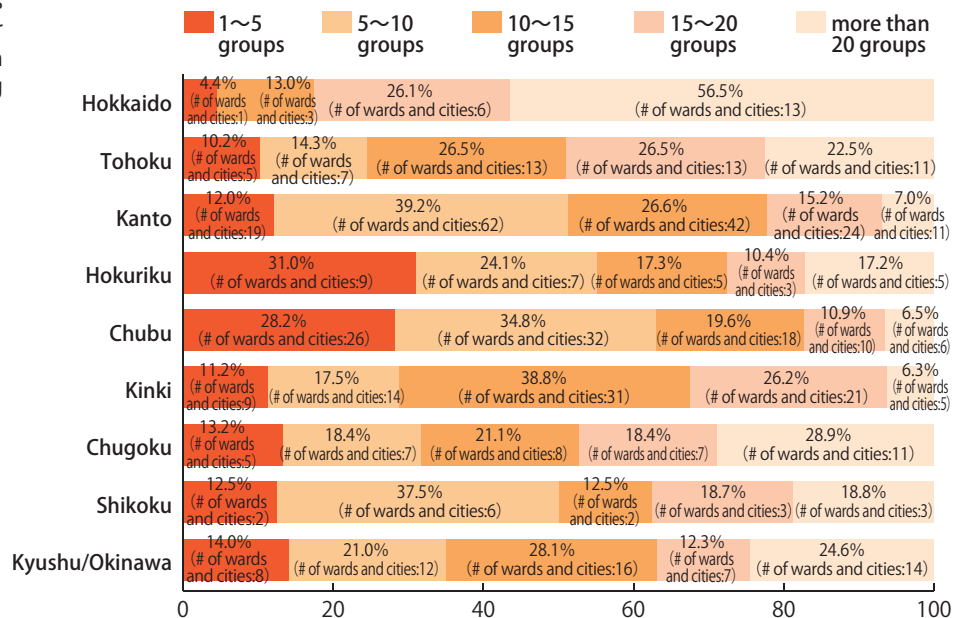
FY2018	
	Average practicing groups
Less than 30,000	18.9
30,000 to 50,000	13.9
50,000 to 100,000	13.0
100,000 to 200,000	14.3
200,000 to 300,000	12.2
300,000 to 500,000	11.7
More than 500,000	11.5
Total	13.6



Number of Groups Practicing Group Collection per 10,000 by Region

The highest rate of groups practicing group collection per 10,000 is in Hokkaido region where the average practicing groups is 26.5 groups.

FY2018	
	Average practicing groups
Hokkaido	26.5
Tohoku	15.7
Kanto	11.4
Hokuriku	11.7
Chubu	10.2
Kinki	13.8
Chugoku	16.0
Shikoku	12.6
Kyushu/Okinawa	17.8
Total	13.6



Group Collection Support Project

Since the 2008 fiscal year, the Steel Can Recycling Association has been providing support to organizations that conduct group collections every year for the purpose of contributing to the creation of a recycling-oriented society. Quo card (gift card) equivalent to 5,000 yen ~ 25,000 yen per group were given to organizations that are undertaking group collection of steel cans that vitalize the local community, improve environmental awareness of residents, or reduce social cost. In 2018 fiscal year, 84 organizations such as neighborhood associations, senior citizens' associations, children's associations, and PTAs were selected for their support and were given a letter of appreciation. Apart from the above, we also provide support for elementary and junior high schools that are conducting or planning to conduct group collections that include steel cans, for the purpose of environmental learning to educate students who are responsible for the future.



Picture of Award Ceremony of Kiryu-shi

Please check more details of our supporting program below.
<http://steelcan.jp/>

Steel Cans Group Collection Support	<input type="button" value="Search"/>
Steel Cans Environmental Education Promotion Support	<input type="button" value="Search"/>



IV Group Collection of Steel Cans

2. How Do Municipalities Participate in Group Collection?

Participating Conditions of Municipalities toward Group Collection (multiple answers)

As the supporting measures by municipalities, 96.7% of them granted are financial incentive for practicing group, followed by PR (52.4%). Number of PR for practicing groups have increased, however number of provide subsidies have decreased.

	FY2009		FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Provide grants	537	96.2	554	97.4	554	96.7
PR	251	45.0	287	50.4	300	52.4
Provide subsidies	160	28.7	149	26.2	136	23.7
Appeal to citizens	126	22.6	144	25.3	141	24.6
Provide equipments	45	8.1	44	7.7	47	8.2
Coordination	57	10.2	74	13.0	73	12.7
Others	15	2.7	23	4.0	28	4.9
Total	558	100.0	569	100.0	573	100.0

Grants to Practicing Groups for General Recyclables

¥3–5/kg (39.1%) is the highest ratio and second highest ratio is ¥5–7/kg (25.3%), and less than ¥3/kg (18.6%).

	FY2009		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Less than ¥3/kg	103	20.6	96	18.6
¥3–¥5/kg	175	35.0	201	39.1
¥5–¥7/kg	137	27.4	130	25.3
¥7–¥10/kg	57	11.4	60	11.7
More than ¥10/kg	28	5.6	27	5.3
Total	500	100.0	514	100.0

Note: [Total] indicates the number of wards and cities providing financial aids toward groups.

Subsidies to Collecting Companies for General Recyclables

In FY 2009, ¥3–5/kg is shared more than half. The numbers over ¥5/kg are increased.

	FY2009		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Less than ¥3/kg	82	61.2	72	62.1
¥3–¥5/kg	38	28.3	22	19.0
¥5–¥7/kg	6	4.5	9	7.7
¥7–¥10/kg	4	3.0	7	6.0
More than ¥10/kg	4	3.0	6	5.2
Total	134	100.0	116	100.0

Note1: [Total] indicates the number of wards and cities providing financial aids toward companies.

Note2: it does not show the average price since calculation system is varied in each municipality.

Grants for Steel Cans

¥5–7/kg is the highest ratio for 30.7%.

	FY2009		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Less than ¥3/kg	26	13.2	46	18.5
¥3–¥5/kg	62	31.5	73	29.4
¥5–¥7/kg	66	33.5	76	30.7
¥7–¥10/kg	25	12.7	32	12.9
More than ¥10/kg	18	9.1	21	8.5
Total	197	100.0	248	100.0

Note: [Total] indicates the number of wards and cities providing financial aids for steel cans.

Subsidies to collecting companies for Steel Cans

Less than ¥3/kg is the highest ratio for 47.6%.

	FY2009		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Less than ¥3/kg	15	44.1	20	47.6
¥3–¥5/kg	9	26.5	10	23.9
¥5–¥7/kg	6	17.6	4	9.5
¥7–¥10/kg	2	5.9	4	9.5
More than ¥10/kg	2	5.9	4	9.5
Total	34	100.0	42	100.0

Note: [Total] indicates the number of wards and cities providing financial aids for steel cans.



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3. How Do Municipalities Participate in Site Collection and Store Collection?

The site collection is located in city council or public facilities as a complementary role so that some wards.

The store collection is located in retailers that make an effort independently as part of their corporate social responsibility, or some municipalities provide recycling box and collect recyclable waste from the retailers.

Target Items for Site Collection Practiced by Municipalities (multiple answers)

“Tokyo 2020 Medal Project” is being carried out to manufacture medals to be used for the 2020 Tokyo Olympic Games from consumer electronics such as used mobile phones. Municipalities are setting up collecting bases of small household appliances with collection boxes distributed to local governments nationwide by the Ministry of the Environment. This is likely to be the cause of the increase.

	FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Newspaper	161	41.5	203	37.7
Waste paper	156	40.2	200	37.2
Cardboard	152	39.2	199	37.0
Fabric	128	33.0	194	36.1
Aluminum cans	118	30.4	153	28.4
Steel cans	110	28.4	144	26.8
Metals	40	10.3	57	10.6
Returnable bottles	96	24.7	126	23.4
PET bottles	166	42.8	205	38.1
Trays	115	29.6	125	23.2
Milk cartons	190	49.0	257	47.8
Small household appliances	132	34.0	328	61.0
Hazardous waste	150	38.7	229	42.6
Others	143	36.9	251	46.7
Total	388	100.0	538	100.0

Cooperation for store collection (multiple answers)

Lots of the municipalities do not have relationship with retailers (59.2%). 21.5% of municipalities conduct PR.

	FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
No Cooperation	438	66.7	367	59.2
PR	106	16.1	133	21.5
Collecting recyclable waste from retailers	106	16.1	116	18.7
Providing a recycling box	65	9.9	67	10.8
Set up a recognition system	60	9.1	65	10.5
Set up a forum for discussion with retailers	28	4.3	42	6.8
Set up a forum for discussion with public and retailers	18	2.7	13	2.1
Report collection amount from supermarket	-	-	33	5.3
Total	657	100.0	620	100.0

The Rate of Municipalities Collection Resource Waste from Retailers (multiple answers)

Most of the items collected by local governments are PET bottles (44.6%), but they are decreasing compared to 2013 fiscal year. Meanwhile, 33.8% of municipalities collect small household appliances, which has been increasing since 2013.

	FY2013		FY2018	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Newspaper	0	0.0	5	4.5
Waste paper	0	0.0	5	4.5
Cardboard	0	0.0	6	5.4
Fabric	0	0.0	7	6.3
Aluminum cans	4	4.2	8	7.1
Steel cans	3	3.2	6	5.4
Metals	1	1.1	2	1.8
Returnable bottles	3	3.2	7	6.3
PET bottles	53	55.8	50	44.6
Trays	24	25.3	20	17.9
Milk cartons	24	25.3	24	21.4
Small household appliances	13	13.7	40	35.7
Hazardous waste	23	24.2	31	27.7
Others	20	21.1	27	24.1
Total	95	100.0	112	100.0