



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 78.9%. This would probably be higher if resource collections performed privately were included. Most of municipalities (93.9%) where population is more than 500,000, conduct practice group collection.



People are sorting recyclable wastes

The Rate of Practicing Group Collection

78.9% of municipalities are practicing group collection that around 80% of municipalities conduct practice group collection.

	FY2010		FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Practice	561	79.7	589	80.9	584	78.9
Do not practice	113	16.0	94	12.9	97	13.1
Unknown	30	4.3	43	5.9	55	7.4
Others	0	0.0	2	0.3	4	0.6
Total	704	100.0	728	100.0	740	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 FY2019

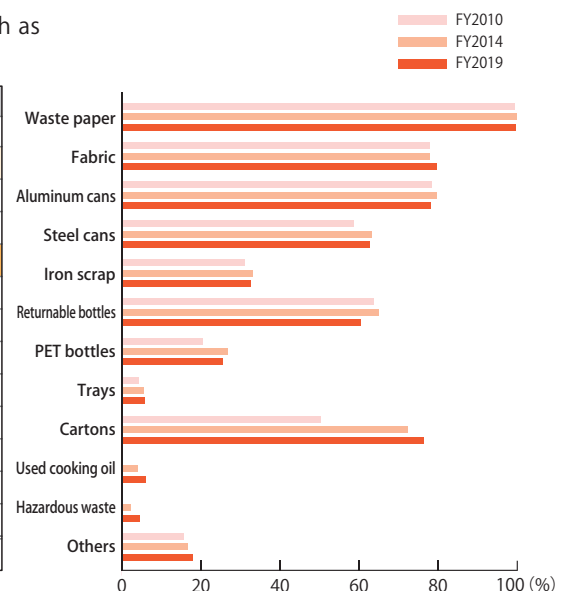
In large cities where more than 500,000 people reside conduct practicing group collection, however the trend indicates that the ratio gets lesser in small cities. Others are municipalities do not involve in practicing group collection but some groups like school or community does it by themselves.

	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	52	55.3	23	24.5	19	20.2	0	0.0	94	100.0
30,000 to 50,000	116	72.0	31	19.3	12	7.5	2	1.2	161	100.0
50,000 to 100,000	181	81.9	27	12.2	13	5.9	0	0.0	221	100.0
100,000 to 200,000	125	87.4	9	6.3	7	4.9	2	1.4	143	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	39	86.7	4	8.9	2	4.4	0	0.0	45	100.0
More than 500,000	31	94.0	0	0.0	1	3.0	0	0.0	32	100.0

Target Item for Group Collection (multiple answers)

62.7% of municipalities collect steel cans in group collection. Items such as waste paper, cartons are collected in most of municipalities(99.5%).

	FY2010		FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Waste paper	557	99.3	588	99.8	581	99.5
Fabric	437	77.9	458	77.8	464	79.5
Aluminum cans	440	78.4	468	79.5	456	78.1
Steel cans	328	58.5	372	63.2	366	62.7
Iron scrap	174	31.0	195	33.1	190	32.5
Returnable bottles	357	63.6	382	64.9	352	60.3
PET bottles	114	20.3	158	26.8	149	25.5
Trays	24	4.3	33	5.6	33	5.7
Cartons	282	50.3	426	72.3	446	76.4
Used cooking oil	-	-	24	4.1	35	6.0
Hazardous waste	-	-	13	2.2	26	4.5
Others	87	15.5	98	16.6	105	18.0
Total	561	100.0	589	100.0	584	100.0

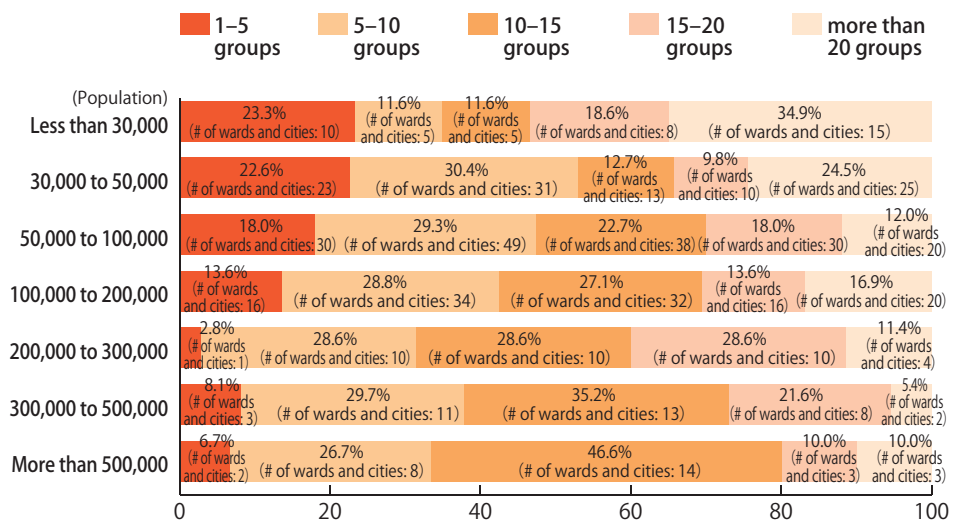


Note1: [Others] indicates plastic containers for beer, mixed paper, plastic items, etc.
 Note2: [Used cooking oil] and [Hazardous waste] are added since FY2011

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.

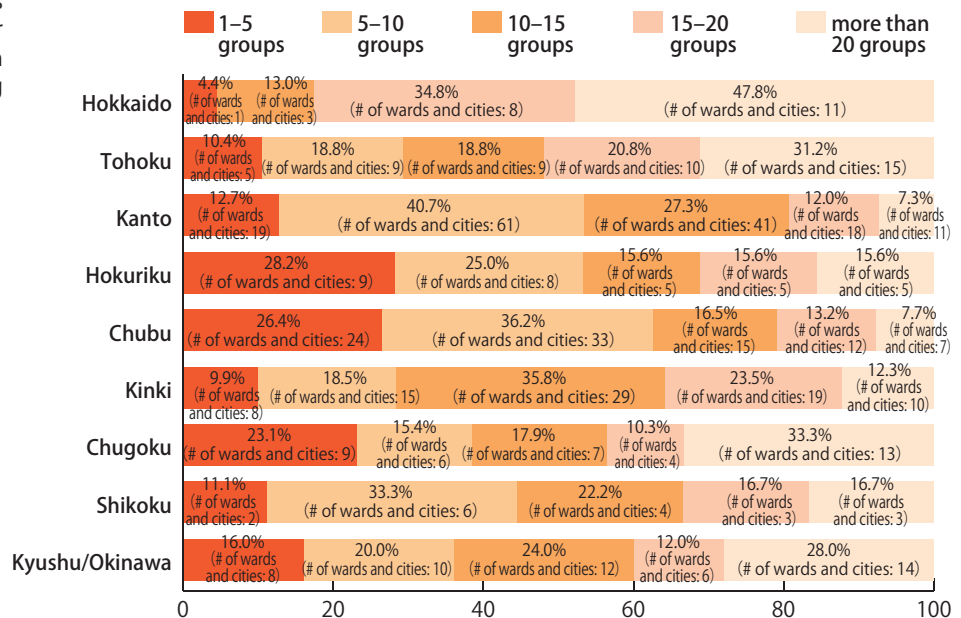
FY2019	
	Average practicing groups
Less than 30,000	18.6
30,000 to 50,000	17.6
50,000 to 100,000	12.1
100,000 to 200,000	13.6
200,000 to 300,000	13.2
300,000 to 500,000	12.2
More than 500,000	12.1
Total	14.1



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 25.5 groups.

FY2019	
	Average practicing groups
Hokkaido	25.5
Tohoku	16.7
Kanto	11.0
Hokuriku	11.5
Chubu	10.4
Kinki	14.9
Chugoku	18.6
Shikoku	14.9
Kyushu/Okinawa	19.0
Total	14.1



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 JPY5,000–25,000 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 2019 fiscal year, 111 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.



Picture of Award Ceremony of Kiryu-shi

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

Steel Cans Group Collection Support	Search
Steel Cans Environmental Education Promotion Support	Search



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2. How Do Municipalities Participate in Group Collection?

Participating Conditions of Municipalities toward Group Collection (multiple answers)

As the supporting measures by municipalities, 95.5% of them granted are financial incentive for practicing group, followed by PR (51.2%). Number of PR for practicing groups have increased, however number of provide subsidies have decreased.

	FY2010		FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Provide grants	529	94.3	560	95.1	558	95.5
PR	259	46.2	295	50.1	299	51.2
Provide subsidies	154	27.5	146	24.8	141	24.1
Appeal to citizens	125	22.3	146	24.8	135	23.1
Provide equipments	60	10.7	77	13.1	80	13.7
Coordination	46	8.2	41	7.0	48	8.2
Others	13	2.3	30	5.1	28	4.8
Total	561	100.0	589	100.0	584	100.0

Grants to Practicing Groups for General Recyclables

JPY3-5/kg (37.7%) is the highest ratio and second highest ratio is JPY5-7/kg (24.4%), and less than JPY3/kg (20.3%).

	FY2010		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Less than JPY3/kg	105	21.7	105	20.3
JPY3-5/kg	172	35.6	195	37.7
JPY5-7/kg	125	25.9	126	24.4
JPY7-10/kg	56	11.6	60	11.6
More than JPY10/kg	25	5.2	31	6.0
Total	483	100.0	517	100.0

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

Subsidies to Collecting Companies for General Recyclables

In FY2010, less than JPY3/kg is shared more than 60%. The numbers over JPY7/kg are increased.

	FY2010		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Less than JPY3/kg	80	61.1	77	62.6
JPY3-5/kg	29	22.1	20	16.3
JPY5-7/kg	13	9.9	10	8.1
JPY7-10/kg	3	2.3	8	6.5
More than JPY10/kg	6	4.6	8	6.5
Total	131	100.0	123	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

JPY5-7/kg is the highest ratio in 2010, but JPY3-5/kg is the highest ratio for 33.9% in 2019.

	FY2010		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Less than JPY3/kg	25	13.1	41	16.7
JPY3-5/kg	55	28.8	83	33.9
JPY5-7/kg	74	38.7	72	29.4
JPY7-10/kg	21	11.0	34	13.9
More than JPY10/kg	16	8.4	15	6.1
Total	191	100.0	245	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 JPY3/kg is the highest ratio for 41.5%.

	FY2010		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Less than JPY3/kg	13	37.2	17	41.5
JPY3-5/kg	11	31.4	12	29.3
JPY5-7/kg	6	17.1	6	14.6
JPY7-10/kg	2	5.7	3	7.3
More than JPY10/kg	3	8.6	3	7.3
Total	35	100.0	41	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.

Items of Site Collection Practiced by Municipalities (multiple answers)

Since FY2014, the rates of most collecting items have not changed dramatically, but the rate of small household appliances drastically increased from 48.7% in FY2014 to 61.6% in 2019.

"Others" represents used cooking oil, ink cartridge, plastic container, mix paper, paper container, etc.

	FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Newspaper	178	40.7	231	39.4
Waste paper	176	40.3	228	38.9
Cardboard	171	39.1	226	38.6
Fabric	147	33.6	213	36.3
Aluminum cans	128	29.3	175	29.9
Steel cans	123	28.1	163	27.8
Metals	50	11.4	62	10.6
Returnable bottles	108	24.7	141	24.1
PET bottles	174	39.8	223	38.1
Trays	109	24.9	132	22.5
Milk cartons	211	48.3	278	47.4
Small household appliances	213	48.7	361	61.6
Hazardous waste	166	38.0	267	45.6
Others	175	40.0	268	45.7
Total	437	100.0	586	100.0

Cooperation for store collection (multiple answers)

More than half of the municipalities do not have relationship with retailers (54.5%). 20.1% of municipalities conduct PR.

	FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
No Cooperation	455	62.2	404	54.5
PR	118	16.1	149	20.1
Collecting recyclable waste from retailers	148	20.2	122	16.5
Providing a recycling box	65	8.9	72	9.7
Set up a recognition system	65	8.9	69	9.3
Set up a forum for discussion with retailers	-	-	45	6.1
Set up a forum for discussion with public and retailers	32	4.4	41	5.5
Report collection amount from supermarket	22	3.0	17	2.3
Total	732	100.0	741	100.0

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

Most of the items collected by local governments are PET bottles (42.6%) and small household appliances (34.4%). Compared to FY2014, the number of municipalities that collected small household appliances and hazardous waste has increased.

	FY2014		FY2019	
	# of wards and cities	rate (%)	# of wards and cities	rate (%)
Newspaper	6	4.1	3	2.5
Waste paper	6	4.1	3	2.5
Cardboard	6	4.1	3	2.5
Fabric	8	5.4	3	2.5
Aluminum cans	11	7.4	7	5.7
Steel cans	10	6.8	5	4.1
Metals	3	2.0	2	1.6
Returnable bottles	9	6.1	8	6.6
PET bottles	76	51.4	52	42.6
Trays	31	20.9	23	18.9
Milk cartons	34	23.0	27	22.1
Small household appliances	30	20.3	42	34.4
Hazardous waste	33	22.3	33	27.0
Others	29	19.6	31	25.4
Total	148	100.0	122	100.0