3. How Are Steel Cans Recycled?

Recycling Facilities of Cans

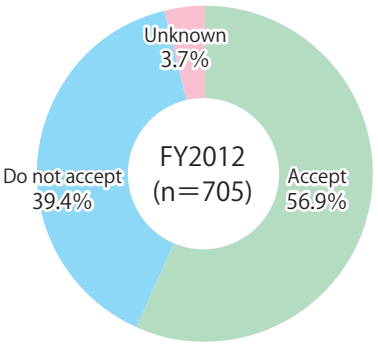
42.5% of municipalities bring cans to their own facilities to recycle and 35.7% of them bring cans to private companies etc.

	FY2012		FY2009		FY2006	
	# of wards and cities	rate(%)	# of wards and cities	rate(%)	# of wards and cities	rate(%)
Wards and cities	299	42.5	290	42.5	332	48.1
Cooperative for mutual partial administration	143	20.3	134	19.6	158	22.9
Private companies etc.	219	31.1	244	35.7	232	33.6
Third sectors	5	0.7	3	0.4	9	1.3
Others	38	5.4	—	—	—	—
Total	704	100.0	683	100.0	690	100.0

Note1. The questionnaire in FY2009,2012 were single answer questions, and in FY 2006 was multiple answer question.
Note2. [Others] indicates bringing cans to several facilities.

Whether the Facilities Accept Used Steel Cans from the Businesses

More than half of facilities accept used steel cans from the businesses.



Selection Process and Forms after Selection of Cans

34.0% of municipalities sort cans by magnetic separation after hand sorting except cans, followed by municipalities use only magnetic separation 30.6% and use both of magnetic separation and separation machine(19.8%).
Others represent magnetic + hand separation + machine separation.

	FY2012	
	# of wards and cities	rate(%)
Magnetic & hand separation	216	34.0
Magnetic separation only	194	30.6
Magnetic & machine separation	126	19.8
Press/sell without sorting	36	5.7
Hand separation only	25	3.9
Others	38	6.0
Total	635	100.0

About 90% of steel cans are pressed.

	FY2012	
	# of wards and cities	rate(%)
Press (Block-shape)	612	86.9
Round cans	29	4.1
Shredder	18	2.6
Press (individual cans)	2	0.3
No processing	17	2.4
Unknown	26	3.7
Total	704	100.0

Recommended Selection and Processing Forms of Steel Cans

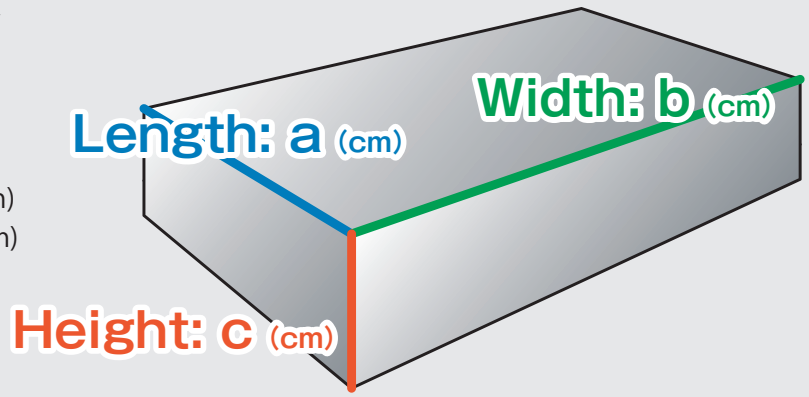
Conformity to the segregation standard specified in the Containers and Packaging Recycling Law is the most necessary to smoothly recycle steel cans as resources.

Recommended Selection and Processing Forms of Steel Cans

Source: The Japan ferrous raw materials association, "Uniform Standards of Ferrous Scraps"

[Size]
・Maximum Length ≦ 80(cm)
・60(cm) ≦ a+b+c ≦ 180(cm)

[Bulk specific gravity]
・More than 0.6t/m^3



It is regulated not to contain foreign materials by legislation however, it still has identified lots of foreign materials. Please take a caution.