

Kawasaki City' s Initiatives for a Recycling-oriented Society



October 5, 2021

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Colors, Future!

いろいろって、未来。

川崎市



KAWASAKI
SDGs 

Kawasaki supports the Sustainable Development Goals (SDGs).

Introduction

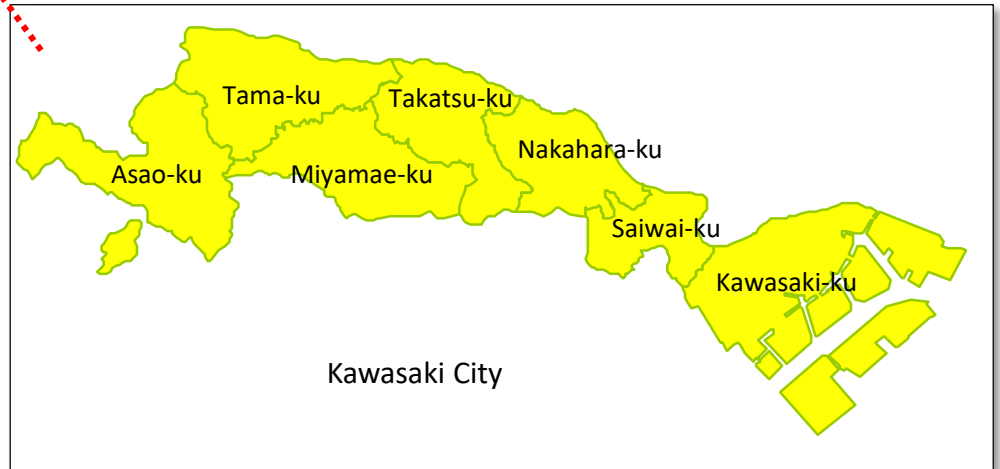
Kawasaki City is an ordinance-designated city* adjacent to Tokyo.

Kawasaki City



Population: 1.54 million
(as of April 2021)

Consists of seven wards (called *ku*)



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* A city that enjoys administrative rights on a par with prefectures

History of waste disposal in Kawasaki City

1990: Kawasaki declared a garbage emergency

*Amount of garbage incinerated: 550,000 tons

⇒ Promoted initiatives to reduce waste

1991: Started separate collection
of empty glass bottles



1999: Started separate collection of plastic (PET) bottles



2011: Started separate collection of mixed paper



2013: Started separate collection of plastic
containers and packaging



Started collection of small home appliances



川崎市民の皆さんへ

焼却場は、パンク寸前!!

非常事態です。

今、ごみは

ごみ減量大作戦に向けて

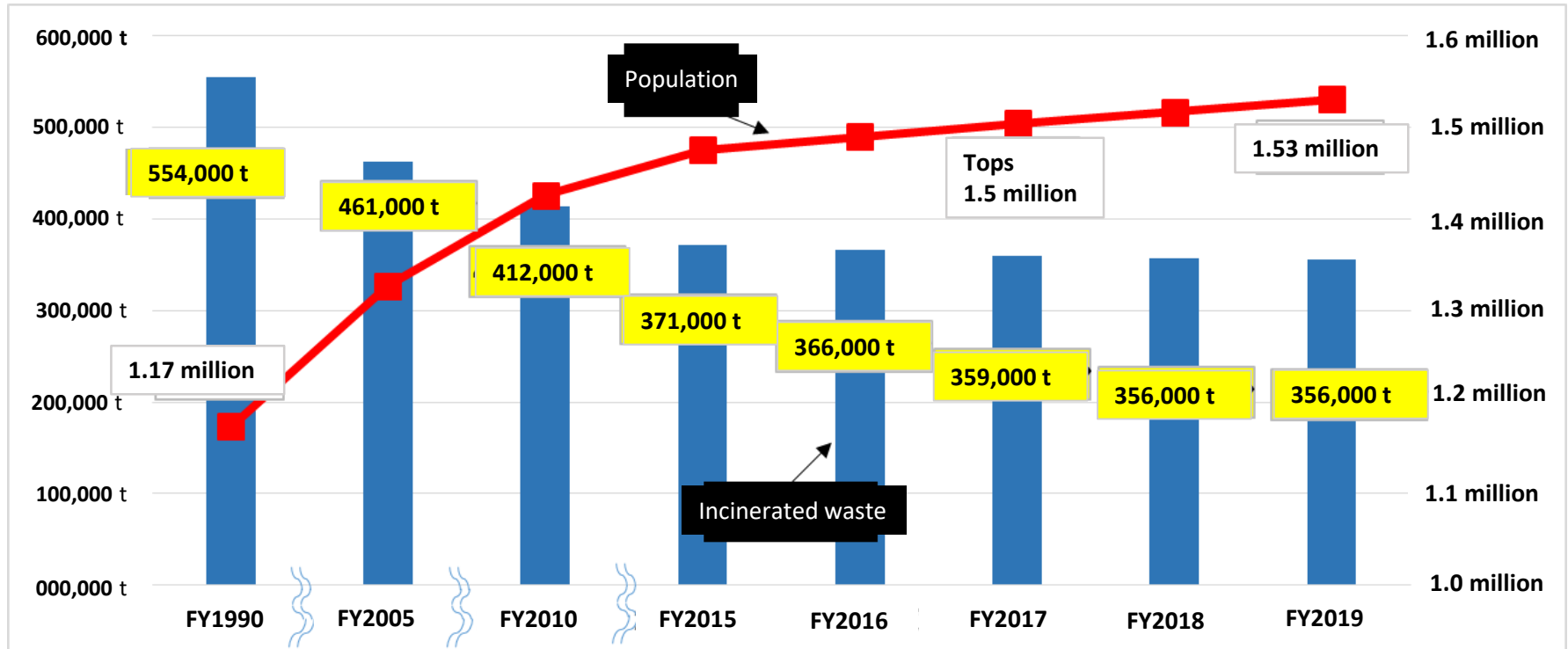
市民の皆さん、今、川崎市のゴミは非常事態を迎えています。この数年、製造業の影響が全国的にゴミが増えています。川崎市も例外ではなく、ここ4～5年は毎年約5%の割合で急増しています。このまま増え続けると、2年先には焼却場の焼却能力を越えてしまい、焼却した灰を埋め立てる処分場も5年先には限界が来ると予想されています。これまでも川崎市は、市民の皆さんとともにゴミの適正処理や減量に努力してきました。しかし、急増するゴミ問題は、今得たなしの事態を迎えています。川崎市では、急増するゴミ問題に対し、焼却場の整備、埋立処分場の確保、分別収集の拡大・徹底などを検討していますが、何よりも市民の皆さんの協力が不可欠です。川崎市は、皆さんと一体となってごみ減量・再資源化のための「ごみ減量大作戦」を展開していきますので、皆さん一人ひとりのご理解とご協力をお願いします。

平成2年6月 川崎市長 高橋 謙

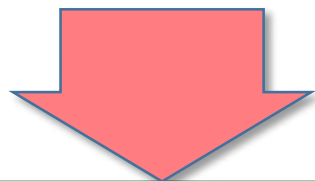
Garbage disposal in Kawasaki City



Incinerated waste



1990: 554,000 tons



Incinerated waste reduced by approx. 200,000 tons

2019: 356,000 tons



Promotion of plastic (PET) bottle recycling

By making efforts to promote separate garbage disposal...
In fiscal 2020,
the amount of collected plastic (PET) bottles was **5,279 tons**

and the rate of separation increased to approx. **90%**

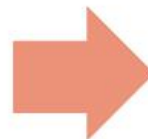
● Request for cooperation from citizens



Separate:
Bottle bodies
Caps
Labels



Lightly rinse the inside



Crush before disposal

⇒ **Collection of high-quality plastic (PET) bottles** 5

Collected plastic (PET) bottles



Sorted and compressed
at a recycling facility in Kawasaki City



Container and Packaging
Recycling Association

and

Recycling companies
in Kawasaki

**Recycled into plastic
bottles and clothing!**



- Quality survey results and successful bids by the Container and Packaging Recycling Association

FY2020 Quality Survey
General Assessment

Rank A

Recycler successful bid results in the
first half of FY2021

**Successful bids at a
good price**

Efforts to improve the separation rate: On-demand garbage school

As an environmental education and learning initiative to get children to think about everyday resources and garbage, we offer an “on-demand garbage school” where city staff members visit elementary schools and teach students how to separate resources and garbage and the importance of the 3Rs.



Lecture



See-through vehicle showing the inside of a garbage truck

Efforts to improve the separation rate: Kawasaki City Garbage Separation App



Jointly developed by Senshu University and Kawasaki City

Approx. 730,000 downloads by FY2019

The Kawasaki City Garbage Separation App disseminates various information on resources and garbage.

Key features:

- Garbage separation search
- Notices
- Collection items and the weather
- Trivia
- Calendar
- 3Rs quiz



Efforts to Improve the Separation Rate: Twitter “Kawasaki City 3R Information”

We have created a Twitter account and distribute the following information:

- How to separate resources
- Notices of year-end and New Year's collection days
- Announcements of environmental events held at facilities, etc.
- Announcements of new systems
- Garbage trivia

Etc.



Aiming to reduce plastic waste

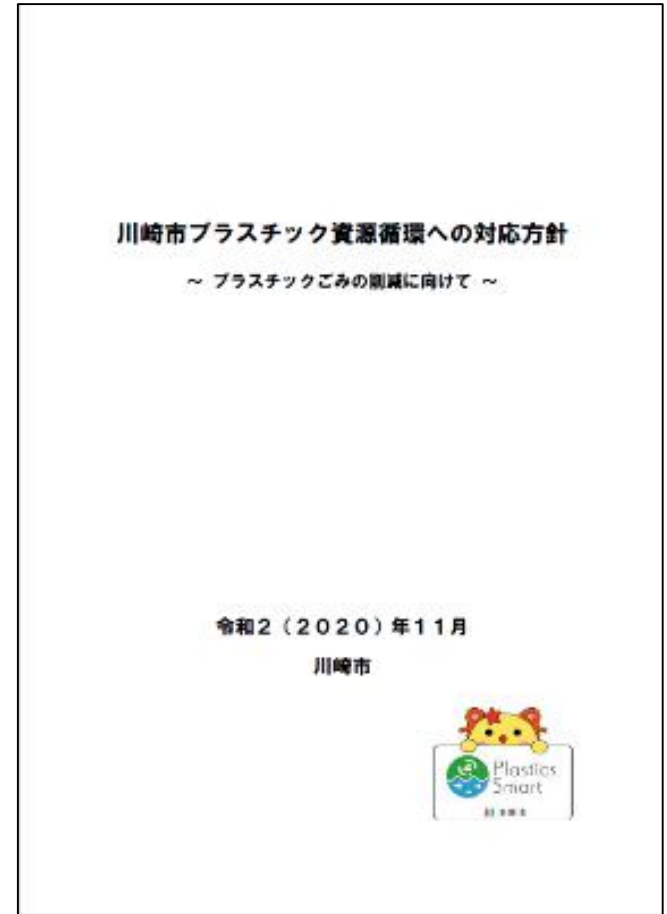


■ November 2021: Formulated the **Policy on Recycling Plastic Resources**

- The policy compiles matters such as a basic approach, policy direction, and immediate initiatives, in order to tackle issues surrounding plastic waste comprehensively and quickly.

Major initiatives:

- Encouraging people to use their own bottles and promoting proper packaging of products
- Initiatives in collaboration with citizens, businesses, and various entities such as other cities



Community group collection of resources

***Community group collection is not used for plastic (PET) bottles.**

- A system in which organizations such as residents' associations, neighborhood associations, and the PTA contract with collection companies to have paper and other resources collected to promote reuse and recycling
- The target items are those that the city government does not collect: newspapers, magazines, cardboard, milk cartons, refillable bottles, used clothes and other textiles

■ History of community group collection of resources

In the past, the collection of resources such as newspaper and magazines was called "**garbage collection**," and residents' associations and PTAs, etc. independently collected and sold it to collection companies.

Around 1985, when garbage increased rapidly, a government-supported method of collecting resources called "community group collection" spread to municipalities nationwide, and in 1990, Kawasaki also started "community group collection of resources" by making use of the conventional waste collection system.



For paper, this reduces the cost to about 1/10 that of the mixed paper collected by the government!

Thank you for your attention.

