

Plastic waste trade management in Japan

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Ms. Seika SANNO

Industrial and Hazardous Waste Management Division,

Environment Regeneration and Resource Circulation Bureau,

Ministry of the Environment Japan





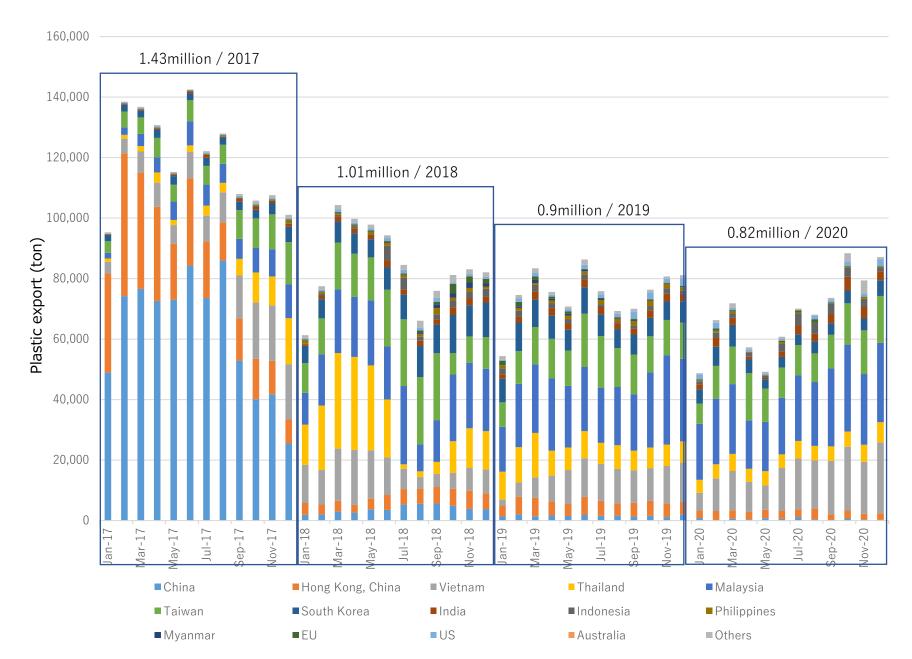




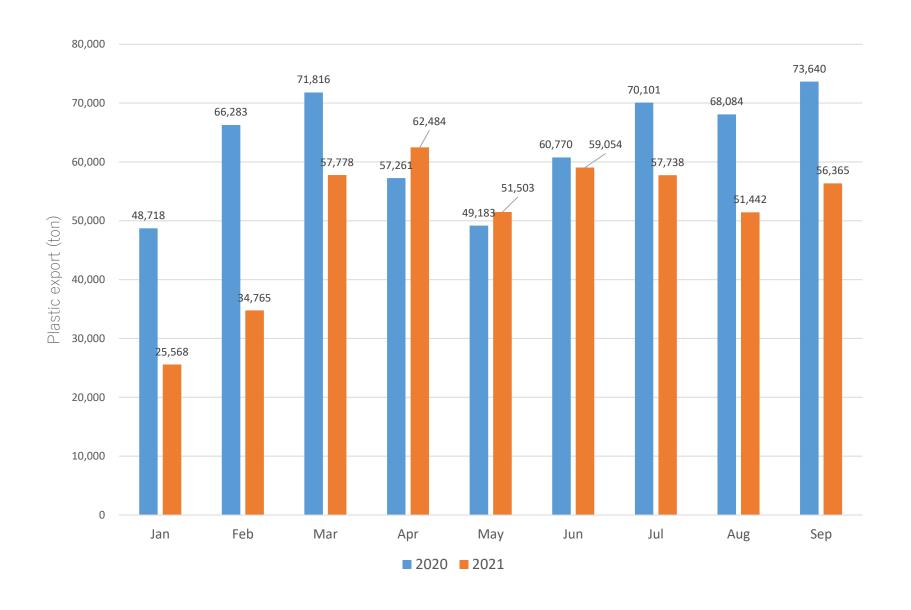


Export of plastic scrap (HS3915) in 2017-2020

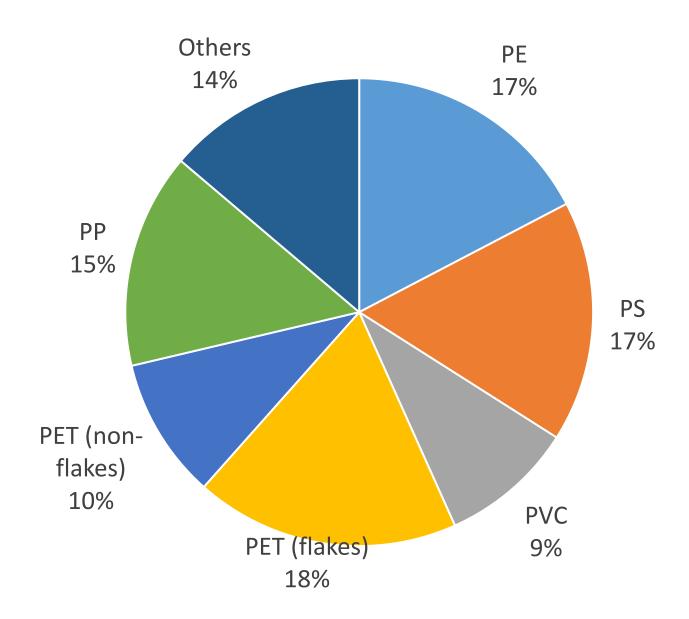




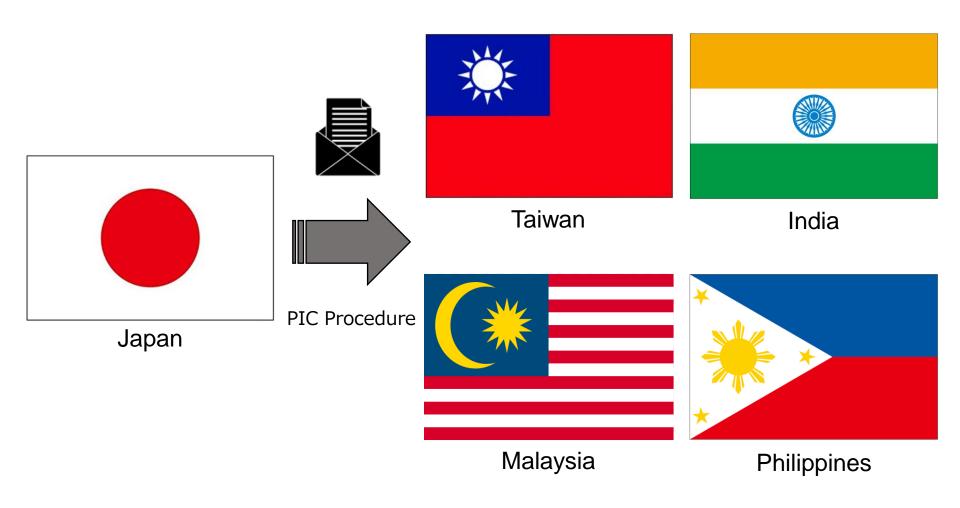












Criteria applicable to plastic waste without a mixture of plastic resins



- Plastic waste that fulfills all criteria A to D below becomes out of the scope of the control and therefore fell into category of B3011.
- Criteria A, B and C are elements deemed necessary when literally interpreting "almost free from contamination and other types of wastes" under new Annex of the Basel Convention.
- Criterion D is developed since plastic wastes which are processed or arranged for recycling are less likely to cause the environmental pollution in importing countries.

Criteria to be exempted from the Basel Act	
Α	Free from contamination such as food and drink, dirt, oils and others
В	Not mixed with substances other than plastic
С	Consisting of a single type of plastic resin
D	Processed or arranged for recycling



Not controlled(B3011)

1 Pelletized plastic





2 Transparent or single colored plastic flakes orI fluff





③ Plastic wastes in the form of sheets, rolls, or bales that were discharged as a byproduct from the manufacturing process







4 Polystyrene foam (PS) in the form of ingots



Examples of the scope of the control per source of plastic wastes



➤ Following shows the scope of the control on industrial wastes and used electrical and electronic equipment or E-waste.

Not controlled(B3011)

Controlled(Y48)

Plastic wastes as industrial wastes



Plastic wastes derived from used electrical and electronic equipment or E-waste



Examples of PET bottle wastes that are subject to control



- The following examples show the scope the control on PET bottle wastes.
- Waste that are shredded and in the form of flakes which has undergone a sorting process are exempted from the scope of the control.

Not controlled (B3011)







Controlled (Y48)







Categorization of other items from the survey



PVC cable (shredded)



Controlled (Y48)

Clean plastic waste coated by dirty packaging



Controlled (Y48)

Plastic blending different type of polymers, so-called "polymer-alloy"



Not controlled (B3011)

Electronic board with plastic covered wire etc.



Controlled (A1180)

The Plastic Resource Circulation Act



- O In response to marine plastic pollution, climate change, and foreign waste import regulations, domestic **circulation of plastic resources** is increasingly important.
- O Since plastics are used in many varieties of products, circulation system for plastics needs to be enhanced comprehensively.

Design • Manufacturi

ng

[Guidelines for Design for the Environment]

- Develop **guidelines for Design for the Environment** for manufacturers and establish a mechanism to certify products designed in accordance with the guidelines.
 - ➤ The government procures preferentially the certified products (under the Act on Promoting Green Procurement) and provides financial support to the manufactures.



<Replaceable bottles>

Sale

. Provision

[Reduction of Single-use Plastics]

- Set **criteria** for retailers and service providers to reduce single-use plastics.
- The competent ministers may issue **recommendations and orders** to suppliers who provide large amounts of single-use plastics when their actions are found significantly insufficient in light of the criteria.



<Single-use plastics>

Municipalities]

[Separation, Collection, and Recycling by

 Municipalities can recycle plastic product waste effectively under the current recycling scheme for containers and packaging.





<Plastic Products>

- Municipalities develop a recycling plan in collaboration with recyclers.
 - When the plan is approved by the competent ministers, the recyclers can recycle plastics without sorting and bailing by municipalities.

[Collection and Recycling by Manufacturers and Retailers]

- Manufacturers and retailers develop a plan to collect and recycle their used products.
 - When the plan is approved by the competent ministers, the manufacturers and retailers can recycle without service permission under the Waste Management Act.



[Recycling by Waste Generators]

- Set **criteria** for waste generators to reduce and recycle plastic waste.
 - The competent ministers may issue recommendations and orders to waste generators who generate large amounts of plastics when their actions are found significantly insufficient in light of the criteria.
- Waste generators develop a recycling plan.
 - ➤ When the plan is approved by the competent ministers, the waste generators can recycle without service permission under the Waste Management Act.

