

Plastic waste and E-waste trade management in Japan

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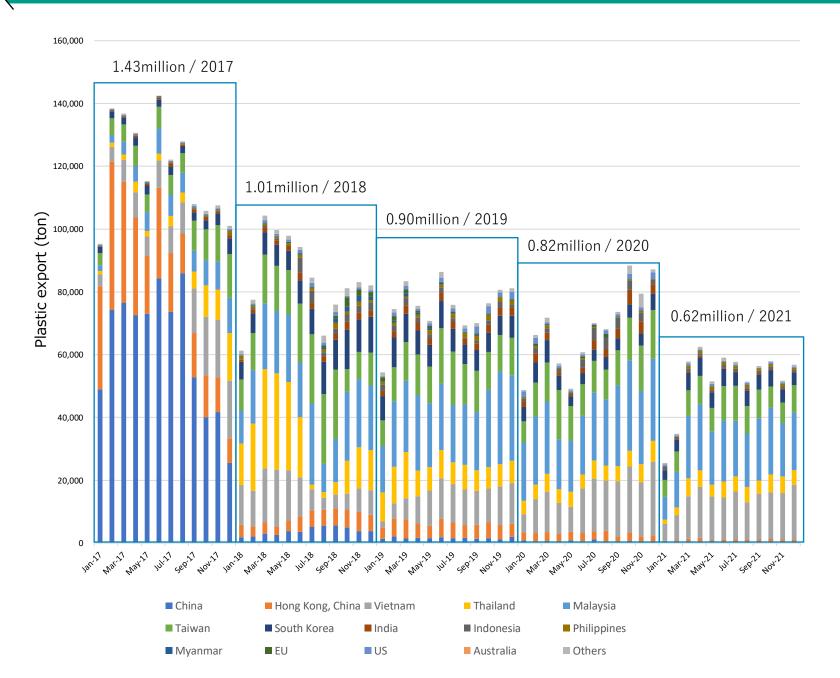






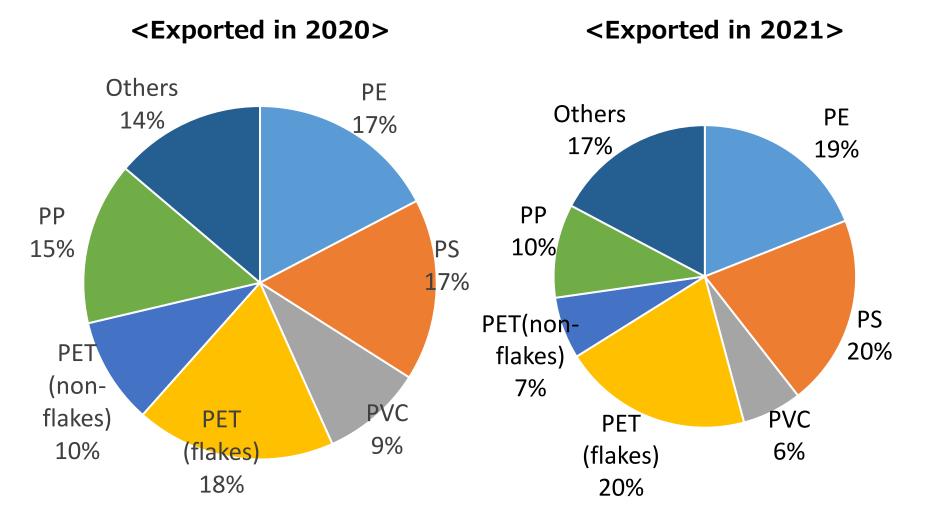
- **1**. Plastic export trends in Japan
- **2.** Criteria identifying Basel plastics
- **3.** Plastic Resource Circulation Act
- 4. Controlled E-waste under Basel Act

Export of plastic scrap (HS3915) in 2017-2020



環境省



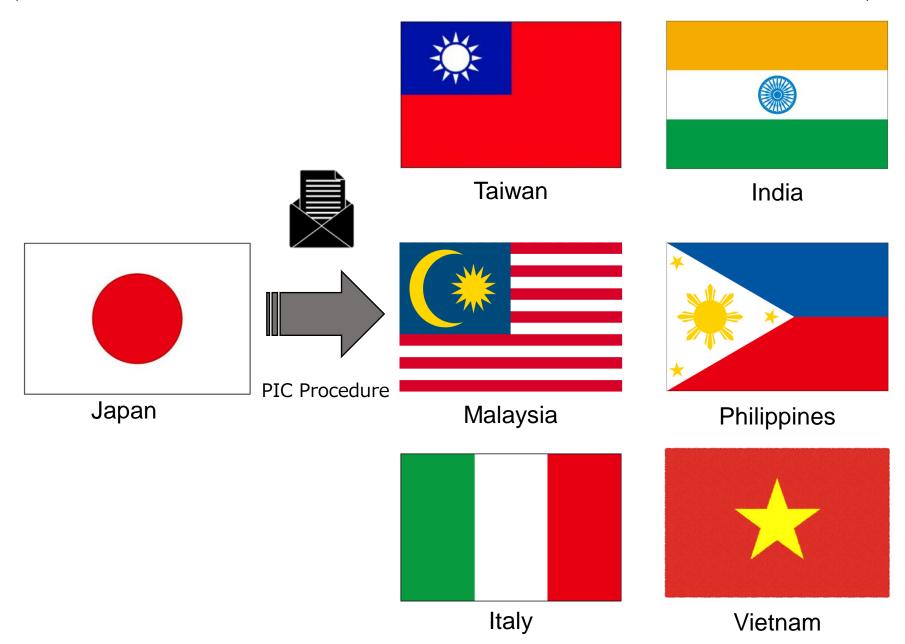


0.82million

0.62million

Notification sent to from Japan in 2021, 2022







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- 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

- A Free from contamination such as food and drink, dirt, oils and others
- B Not mixed with substances other than plastic
- C 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 or
 I fluff





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



④Polystyrene foam (PS) inI the form of ingots





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

Not controlled(B3011)



Plastic wastes as industrial wastes



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





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.





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)





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The Plastic Resource Circulation Act $(2022. 4. 1 \sim)$

- 家境省
- 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. 		
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. 		
Discharge Collection Recycling	 [Separation, Collection, and Recycling by Municipalities] 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.

Transition to circular economy through advancing circulation of resources





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展現省

- 1. Unit type air conditioners
- 2. Television receivers including Cathode-ray tube type and Liquid crystal display type and plasma type
- 3. Electric refrigerators and electric freezers
- 4. Electric washing machines and clothes dryers
- 5. Telephones, facsimile machines, and other wired communication machinery and appliances
- 6. Mobile telephone terminals, PHS terminals and other radio communication machinery and appliances
- 7. Radio receivers and television communication equipment
- 8. Digital cameras, DVD recorders and other video equipment
- 9. Digital audio players, stereo sets and other electro-acoustic machinery and apparatus
- 10. Personal computers
- 11. Magnetic disk drives, optical disk drives and other storage devices
- 12. Printers and other printing apparatus
- 13. Displays and other display devices
- 14. Electronic book terminals
- 15. Electric sewing machines
- 16. Electric grinders, electric drills and other power tools
- 17. Electronic desktop calculators and other electrical machinery and appliances for office use
- 18. Health meters and other electrical machinery and appliances for measuring or measuring purposes



- 19. Electric inhalers and other electromechanical appliances for medical use 20. Film cameras
- 21. Rice cookers, microwave ovens and other electrical machinery and kitchen appliances
- 22. Electric fans, electric dehumidifiers and other electric machinery and appliances for air-conditioning
- 23. Electric irons, electric vacuum cleaners and other electric machinery and appliances for clothing or sanitary use
- 24. Electric heater, and other electric machinery and appliances for keeping warm
- 25. Hair dryers, electric razors, and other electric machinery and appliances for hairdressing
- 26. Electric massagers
- 27. Running machines and other electric machinery and appliances for exercise
- 28. Electric lawn mowers and other electric machinery and appliances for gardening
- 29. Fluorescent lamps and other electric lighting fixtures
- 30. Electronic clocks and electric watches
- 31. Electronic and electric musical instruments
- 32. Game machines and other electronic and motorized toys
- 33. Water heaters
- 34. Power distribution boards
- 35. Uninterruptible power supplies (UPS)
- 36. Cooling compressors (black motors) containing mineral oil

