



Plastic waste and e-waste trade management in Japan

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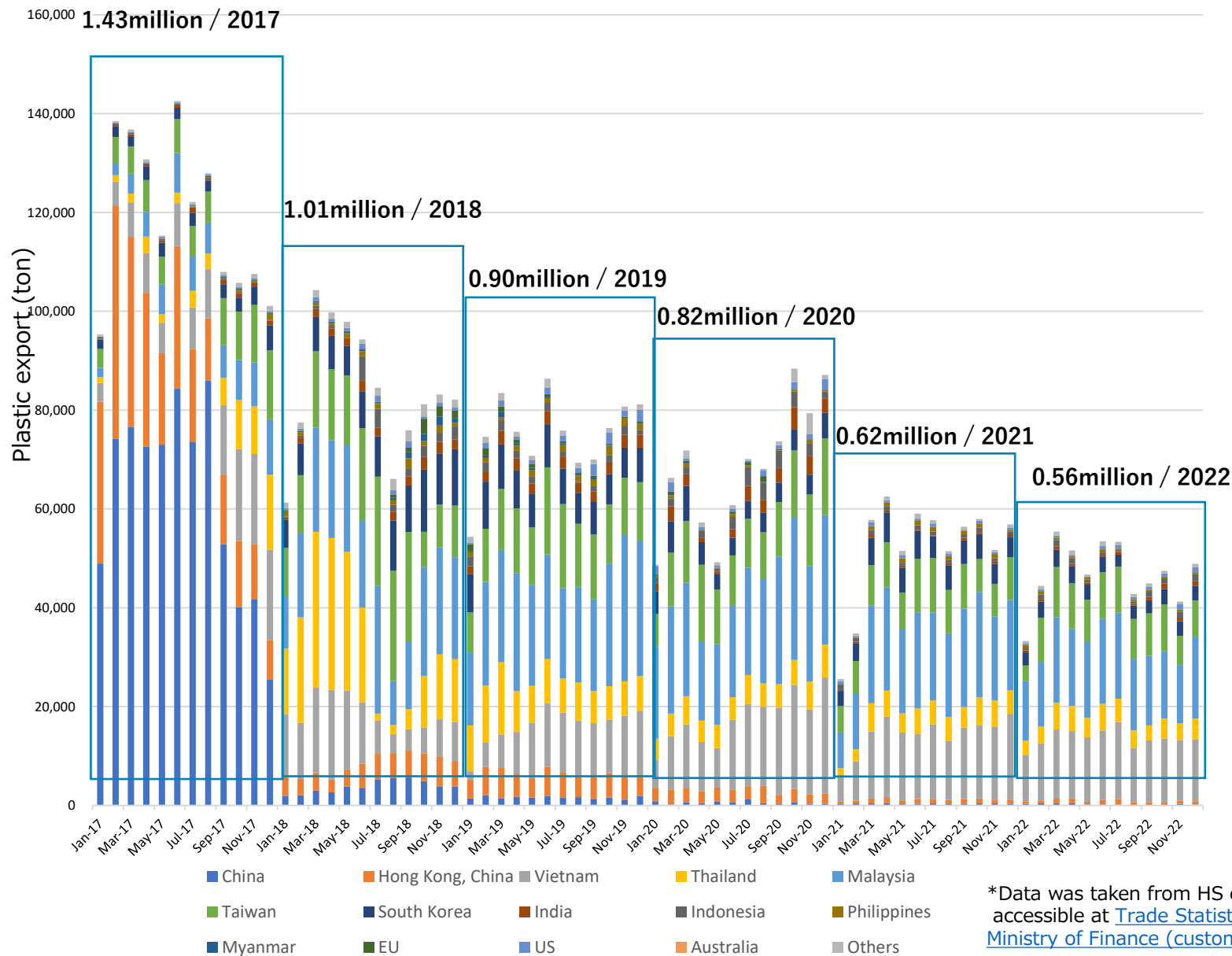
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- 1. Plastic export trends in Japan**
- 2. Controlled e-waste under Basel Act**
 - 2-1. Basel regulation in Japan**
 - 2-2. Current export and import of e-waste**
 - 2-3. Questionnaire; e-waste or others?**

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Export of plastic scrap (HS3915) in 2017-2022



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Basel regulations in Japan

“Law for the Control of Export, Import and Others of Specified Hazardous Wastes and Other Wastes (Basel Law)”

- Implementation Law of the Basel Convention in Japan
- “Ministerial Order **Specifying the Scope** of Specified Hazardous Wastes and Other Wastes Based on the Law for the Control of Export, Import and Others of Specified Hazardous Wastes and Other Wastes (Scope Order)”
specifies e-waste to be regulated in a listing approach
- Current national regulations of wastes of,,,,
- ✓ Equipment and Component:
4 household appliances, 28 small household appliances and other 4 equipments
- ✓ Fraction:
not covered clearly by scope order

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

Household appliances

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

Small household appliances(1/2)

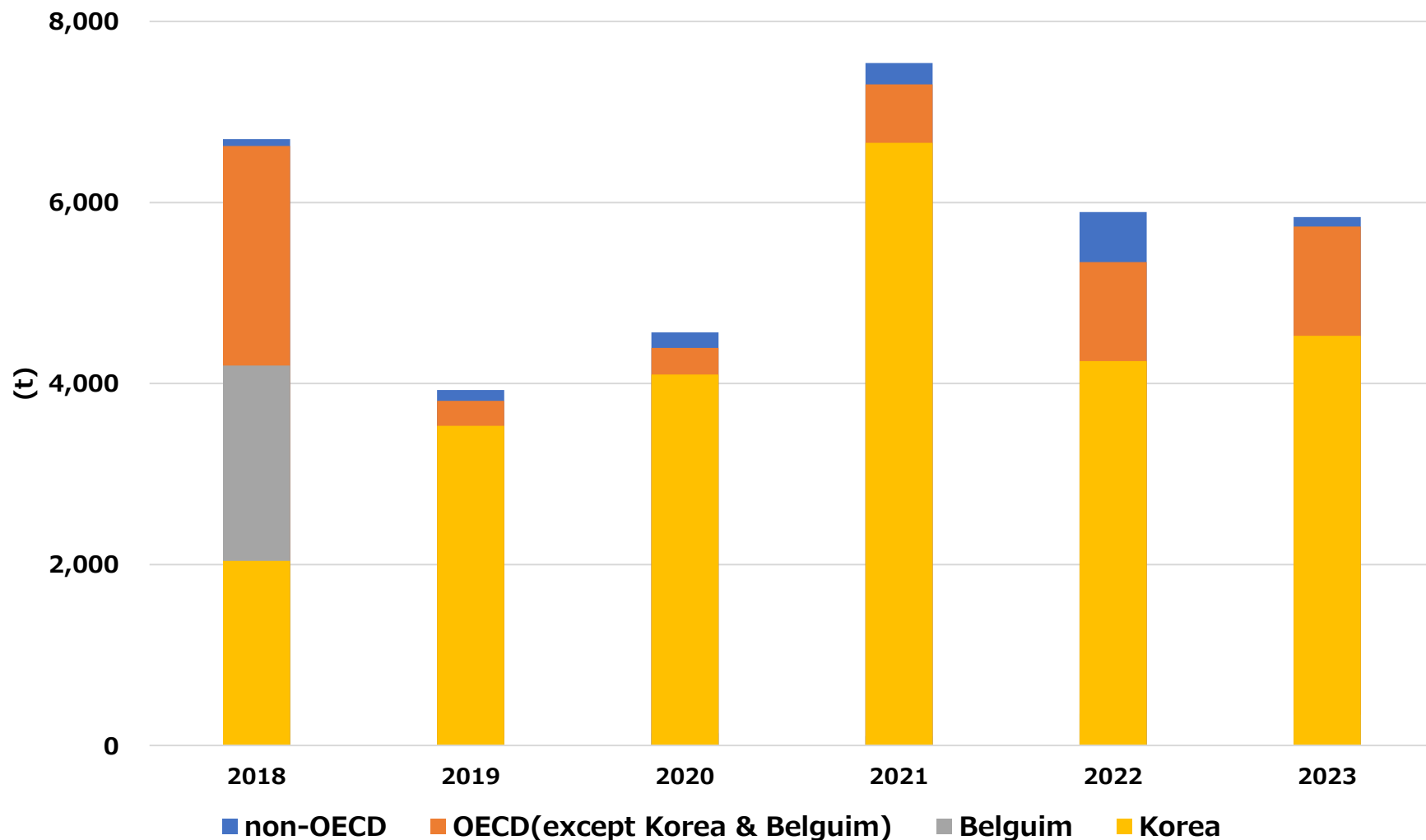
- 19. Electric inhalers and other electromechanical appliances for medical use
- 20. Film cameras
- 21. Rice cookers, microwave ovens and other electrical machinery and kitchen appliances
- 22. Electric fans, electric dehumidifiers and other electric machinery and appliances for air-conditioning
- 23. 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

Small household appliances(2/2)

Others

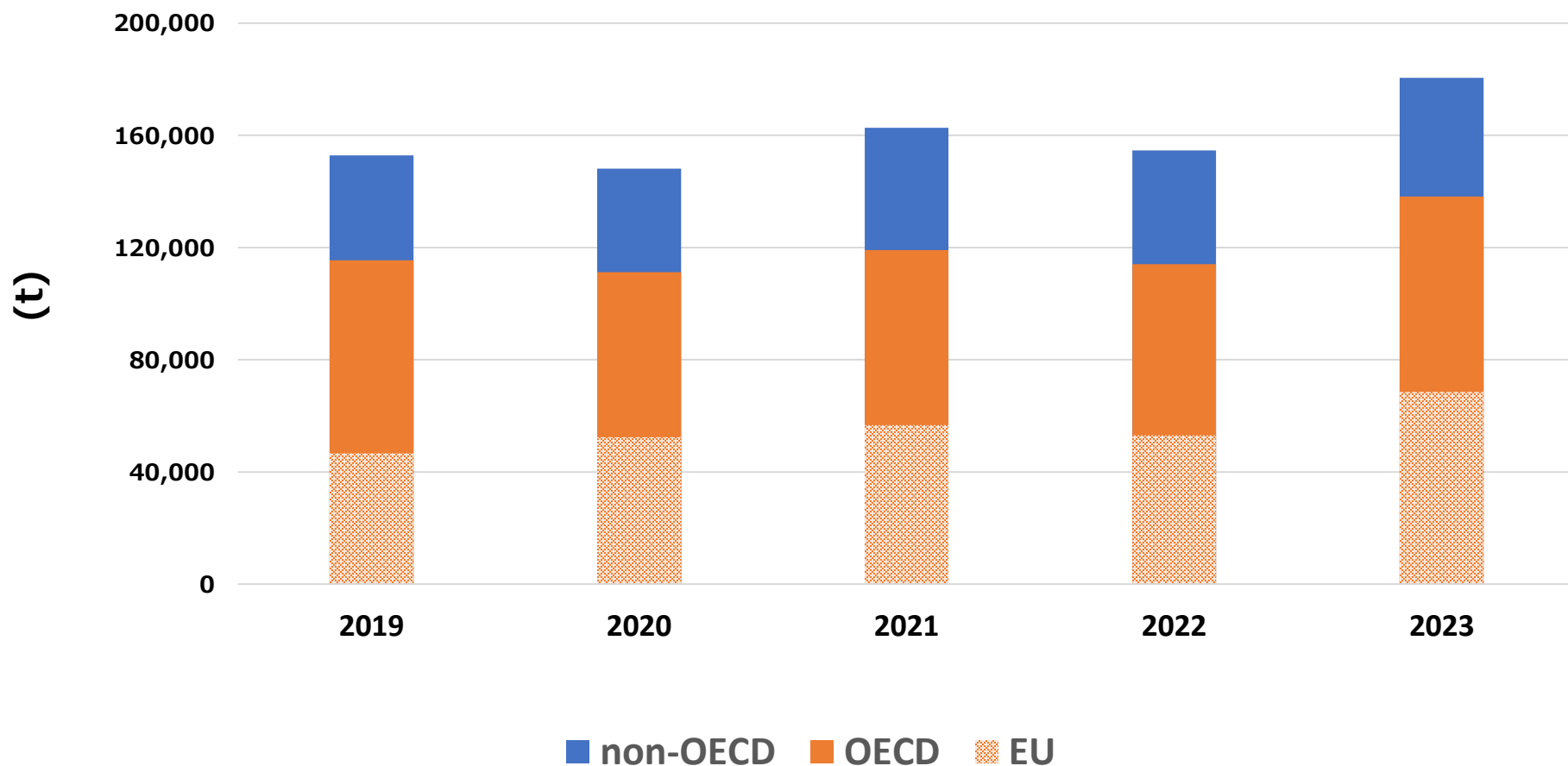
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Current export of electrical and electronic waste and scrap



*Data was taken from HS codes of 7112.99 and 8549.29,
accessible at [Trade Statistics of Japan Ministry of Finance \(customs.go.jp\)](https://www.customs.go.jp/trade-statistics/)

Current import of electrical and electronic waste and scrap



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Different consideration applies to e-waste import and export

◆ Export from Japan

E-waste is processed at importing country



Exports of **e-scrap** to **non-OECD** countries have to be **strictly examined before the transboundary movement**

◆ Import to Japan

E-waste is processed in Japan

✓ At **pre-consented recovery facilities** with high ESM capabilities



Imports of **e-scrap** to **Japan** are not regulated.

*e-scrap like circuit boards from OECD and non-OECD are the same in nature

What is to be considered for national implementation of e-waste amendments? (1/2)

◆ Timeline for implementation

- ✓ **Jun. 2024:** Communication of the adoption of the Annexes amendments from the Depositary of the Basel Convention
- ✓ **Oct. 2024:** Aim for completion of **promulgation of revised relevant National Ministerial Order, Notifications and Guidelines**

◆ For **export** to Japan

- ✓ Regulations of other countries:
 - Still collecting information about regulation plans **of Asian Countries**
- ✓ Some of **components** would be regulated under Y49
 - ex. Motors without mineral oil
- ✓ **Difference** between **entries** of **e-waste** and **present entries** of **metal scraps, plastics and metal cables**

e-waste: Y49, A1181	metal scraps: B1010, B1020
plastics: Y48, A3210, B3010, B3011	metal cables: A1190, B1115

What is to be considered for national implementation of e-waste amendments? (1/2)

◆ For **import** to Japan

- ✓ At present, **150,000 tons** of electrical and electronic waste and scrap are **imported**
- ✓ **Useful metals** are collected and recycled
 - ✓ Should keep **smooth importing**
 1. Import **to pre-consented recovery facilities**
(new applications increased)
 2. Other facilities
- ✓ Regulations of other countries
- ✓ Rules during transition period (ex. To pre-consented recovery facilities)

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Is it e-waste or other codes?

✓ Motors with mineral oil



✓ Motors without mineral oil



- Y49
- A1181
- A3020(waste mineral oils)
- A3040(Waste thermal (heat transfer) fluids)

Is it e-waste or other codes?



✓ **Metal scrap mixed
by a little amount of plastic**

- **Y49**
- **A1181**
- **Y48**
- **A3210(plastic)**
- **B1010(metal scrap)**

Is it e-waste or other codes?

- ✓ **ZORBA (shredded nonferrous scrap)**



- ✓ **TWITCH (floated fragmentizer aluminum scrap)**



- ✓ **Metal scrap mainly consisting of heavy metals**



• Y49

• A1181

• B1010(metal scrap)

• B1020(other metal scrap)

