

Plastic leakage from mismanaged and littered waste
Rejet de plastiques provenant de la mauvaise gestion des déchets

Plastic leakage from mismanaged and littered waste

Database Specific

Abstract

Global Plastics Outlook - plastics leakage from mismanaged waste and litter

Source

Contact person/organisation

env.linkages@oecd.org

Data source(s) used

OECD ENV-Linkages model

Ryberg et al. (2019) Cottom, Cook and Velis (2020)

The methodology to derive plastic leakage is explained in the Annex to the OECD Global Plastics Outlook.

- ENV-Linkages model <<https://www.oecd.org/environment/indicators-modelling-outlooks/modelling.htm>>
- OECD Global Plastics Outlook <<https://doi.org/10.1787/de747aef-en>>
- Ryberg et al. (2019) <<http://dx.doi.org/10.1016/j.resconrec.2019.104459>>
- Cottom, Cook and Velis (2020) <<https://plasticpollution.leeds.ac.uk/toolkits/spot/>>

Data Characteristics

Date last updated

09-Feb-22

Power code

Millions

Reference period

1990-2019

Unit of measure used

Tonnes (t) of plastics

Population Scope

Geographic coverage

This dataset provides estimates of plastics leakage for the 15 global regions of the OECD ENV-Linkages model, detailed in the Annex of the OECD Global Plastics Outlook.

Other coverage

This dataset provides estimates of plastics leakages to the environment per source.

Concepts Classifications

Other manipulations

Plastic leakages estimates correspond to the average of the estimates calculated using the methodology adapted from (Ryberg et al., 2019) and (Cottom, Cook and Velis, 2020) that were applied on OECD ENV-Linkages model outputs.