

H2020/NAP indicator factsheet

Industrial Emissions

Israel

Draft 30.07.2020

Organization: EEA



European Environment Agency



Indicator Assessment

H2020 / NAPs Indicators	
Thematic area Industrial emissions	Date : 30.07.2020 Author(s): Dr. Daniel Madar, Dr. Moshe Yanai, Dr. Orna Matzner
Policy theme IND 6.3. Industrial hazardous waste disposed in environmentally sound manner	
Indicators: 6.3.1) Total quantity of generated hazardous waste 6.3.2) Quantity of industrial hazardous waste disposed	

Key policy question:

How are the hazardous waste managed and evolving in Israel ?

Key messages

- The industrial sector in Israel produces relatively similar amounts of hazardous waste along the reviewed years.
- The main industries that contribute to the hazardous waste production are Chemicals and drugs, Metals and Electronics.
- All the industrial hazardous waste is treated in an environmentally sound manner including recovery (recycling and incineration) and disposal (physico/chemical, biological, incineration without energy recovery, landfilling).
- The Ministry of Environment Protection promotes activities to reduce the disposal of hazardous waste and to increase recovery operations.
- The hazardous waste in Israel including the industrial hazardous waste is well treated and does not pose threat on the terrestrial, coastal and marine environment.

References in key assessment text

MoEP, 2020



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Key policy question: *What is the trend of the hazardous waste generation from industrial sectors and how is their management and disposal in environmentally sound manner improving?*

Specific policy questions:

6.3.1. What is the trend of the total quantity of generated hazardous waste by industrial sectors ?

Specific figure(s)

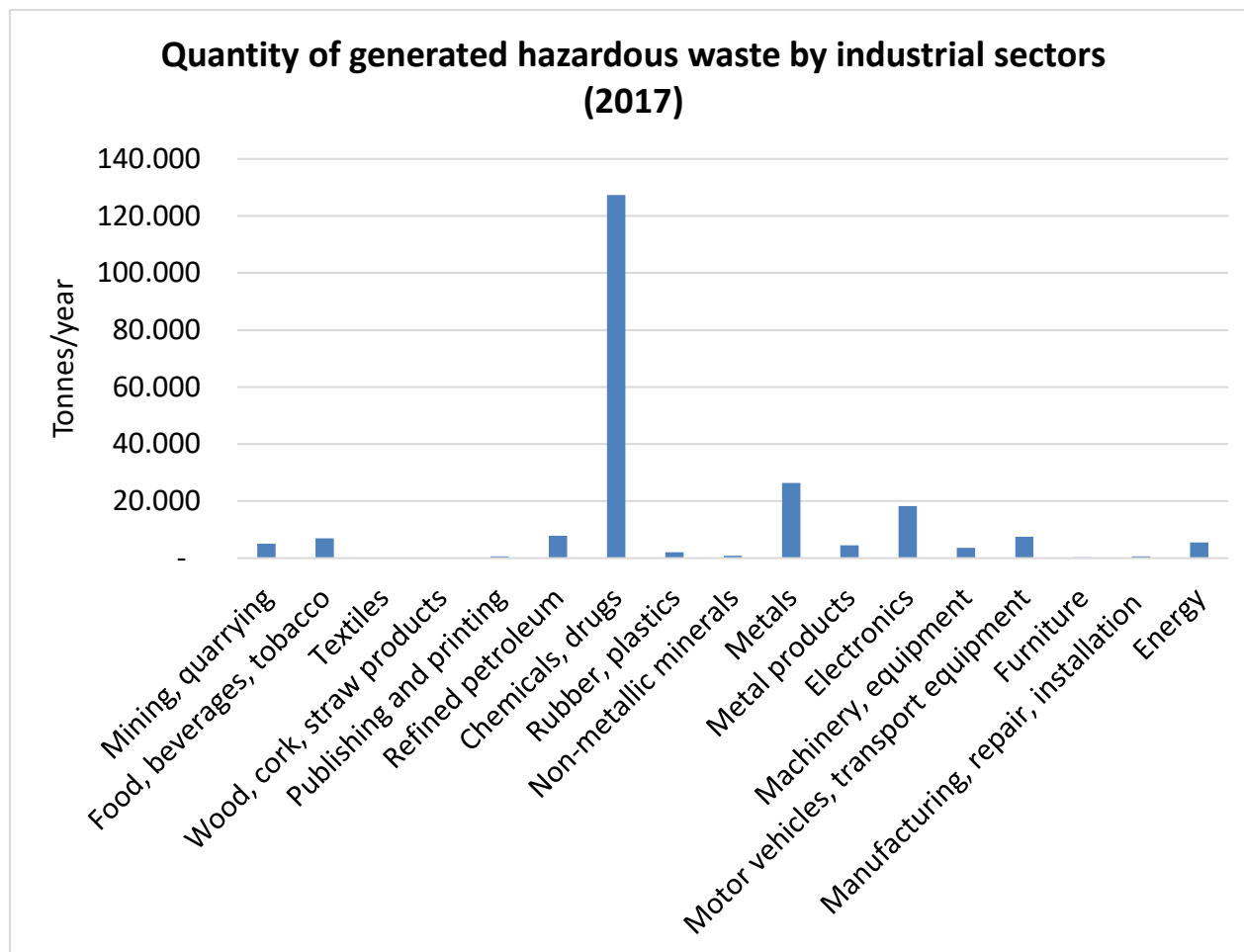


Figure 1: Quantity of generated hazardous waste by industrial sectors (2017)

Specific assessment text

Most of hazardous waste in Israel is produced by the industrial sector. The industry that produces by far the most hazardous waste is the chemicals and drugs sector- 58% of the total industrial hazardous waste (**Errore. L'origine riferimento non è stata trovata.**). Metals and electronics industries are also significant contributors. All of the industrial hazardous waste is treated in an environmentally sound manner.



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References in specific assessment text

Data were taken from ICBS 2017 survey on the manufacturing industry. Although data for previous years exist, only the 2017 data provide reliable breakdown by industry.

Specific policy questions:

6.3.2. *What is the trend of the quantity of industrial hazardous waste disposed in environmentally sound manner relative to total quantity of generated hazardous waste from industrial installations?*

Specific figure(s)



Figure 2: Generated industrial hazardous waste

Specific assessment text

All the industrial hazardous waste is disposed in an environmentally sound manner. Between 2003-2017, the amount of generated/treated industrial hazardous waste was 170,000-250,000 per year (**Errore. L'origine riferimento non è stata trovata.**). There are no significant changes nor trend over that period.

References in specific assessment text

Estimated based on ICBS and MoEP data.



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Methodology for indicator calculation

The data were calculated based on the proportion of industrial hazardous waste from the total hazardous waste (MoEP data), based on 2017 ICBS survey on the manufacturing industry.

Data issues

Although data from the PRTR (based on reporting from industrial plants) exist, data were taken from the ICBS survey as it refers to the entire industry.



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