



National Statistics Systems on Waste



Bosnia and Herzegovina

The most important documents presenting the Eurostat Waste Statistics system

	Subject covered
EC 2150/2002 of 25 November 2002 on waste statistics	General framework for waste statistics covering categories of waste, definitions, data gathering, reporting
EU Comm Reg 849/2010 of 27 September 2010	Changes made in Annexes to Regulation No 2150/2002 on waste statistics
Eurostat Version 2 (2010)	Guidance on classification of waste according to EWC-Stat categories
Eurostat (2011)	Manual on Waste Statistics. A Handbook for data collection of waste generation and treatment

Waste management indicators
(WStatR data)/ COMEXT data



Implementation EC 2150/2002 in Bosnia and Herzegovina

- The Agency for Statistics of BiH is **National Reference Centres for waste in EIONET Network** (European Environment Information Network)

- **First release**

http://www.bhas.ba/index.php?option=com_publicacija&view=publicacija_pregled&ids=5&id=18&n=Okoli%C5%A1%20i%20energija&Itemid=&lang=en

- **Methodological documents:**

http://www.bhas.ba/index.php?option=com_publicacija&view=publicacija_pregled&ids=5&id=18&n=Okoli%C5%A1%20i%20energija

Publications:

http://www.bhas.ba/index.php?option=com_publicacija&view=publicacija_pregled&ids=5&id=18&n=Okoli%C5%A1%20i%20energija&Itemid=&lang=en

Collection of data on waste statistics

Four statistical Surveys ; Administrative data and other sources; Statistical estimation procedures

Classification system used:

the European *List of Waste* - LoW and the statistical classification of waste - EWC-Stat (*European Waste Classification for Statistics*)

Coverage – sector:

NACE economic sectors and from households



Sectors and treatment methods covered by waste statistical surveys

WASTE GENERATION FROM PRODUCTION ACTIVITIES

- NACE Rev. 2.0, sectors B - Mining and quarrying, C- Manufacturing, D-Production and supply of electricity, gas, steam and air conditioning, F – Construction, G-U - Service sector for the first time for reference 2016

❖ the same Questionnaire used for all sectors



WASTE RECOVERY/DISPOSAL

- business entities that are registered as waste collectors which are classified by NACE Rev. 2. in the field of activity E–Water supply; sewerage, waste management and remediation activities

❖ The data set is broken down into the type of treatment

COLLECTED MUNICIPAL WASTE

- business entities granted the municipality the right to collect waste, regardless of whether they are only waste collectors or at the same time manage the landfill

DISPOSED MUNICIPAL WASTE

- business entities managing the municipal waste disposal site



Related data- other sources

CROSS BORDER TRAFFIC NON DANGEROUS WASTE

- Due to lack of information in Bosnia and Herzegovina on import/export of non-hazardous waste, the Department of Environmental Statistics of Agency for Statistics of Bosnia and Herzegovina has taken action to process the available data of external trade statistics
- Source of data: Indirect Taxation Authority, in accordance with the Protocol on cooperation signed between the two institutions.
- Used methodology: CN–Combinated Nomenclature, the classification of goods within the EU; document of Federal Environment Agency UBA



Other activities ...

- **The Basel Convention** - focal point is BiH was Federal Ministry for Environment and Tourism, and responsibility for collecting information, preparing reports and distributing reports to the Secretariat was transferred back to MOFTER in 2016
 - BHAS takes over the Secretariat's data and publishes
- **e-WASTE STATISTICS (Indicators „Total EEE put on market (kg/capita)“**

additional special research is needed for:

- Total e-waste generated (kg/cap)
- E-waste formally collected (kg/cap)
- E-waste Collection rate (%)



- **MORE FROM LESS REPORT- 2018 edition of the 2018** (Eionet report published together with a set of 32 detailed country profiles, was prepared under the heading “2015 Catalogue of material resource efficiency policies, objectives, targets and indicators in countries and at the EU level,”)
- **GHG FROM WASTE DISPOSAL**
Period 2011-2016; IPCC methodology BHAS used for the estimation of GHG emissions

Ongoing projects

- **ANIMAL WASTE**

(BHAS participates in the IPA project "*Technical Assistance in the Management of Animal Waste in Bosnia and Herzegovina,,*")

To effectively monitor the management of animal waste, a link between classification is needed:

- Description of CN code (only/partly covers waste)-
- -NACE code generation-
- -LoW code, OECD code, Basel code-
- - EWC- STAT code

- **MSW Management Sector Review Strategic Directions and Investment Planning up to 2025**

SUSTAINABLE DEVELOPMENT INDICATORS (SDI)

TSDPC210 Generation of waste excluding major mineral waste

TSDPC240 Municipal waste generation

TSDPC250 Hazardous waste generation, NACE sectors: B, C and D, for 2016 additional F, G-U

UNECE INDICATORS

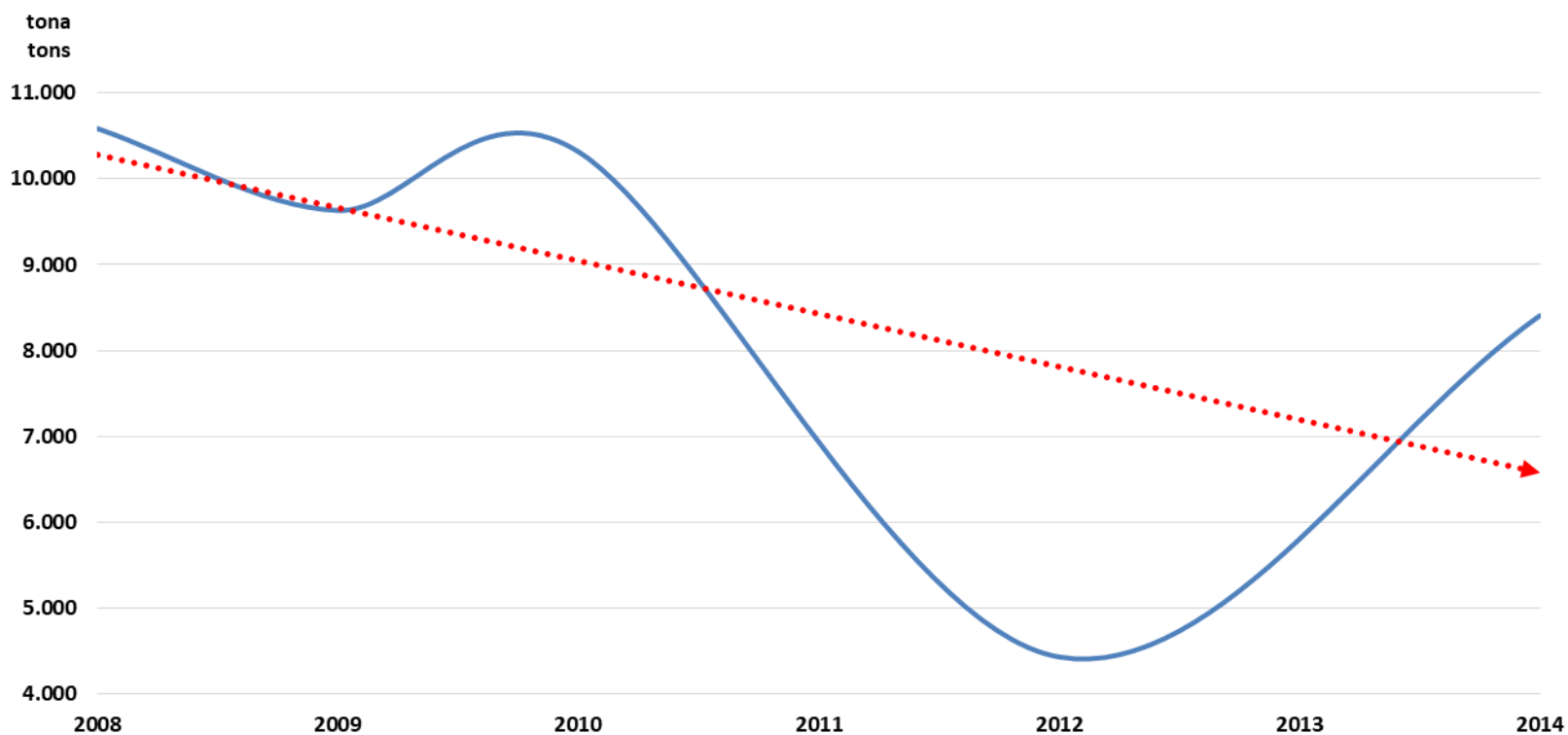
I-1 Waste generation

I-2 Management of hazardous waste



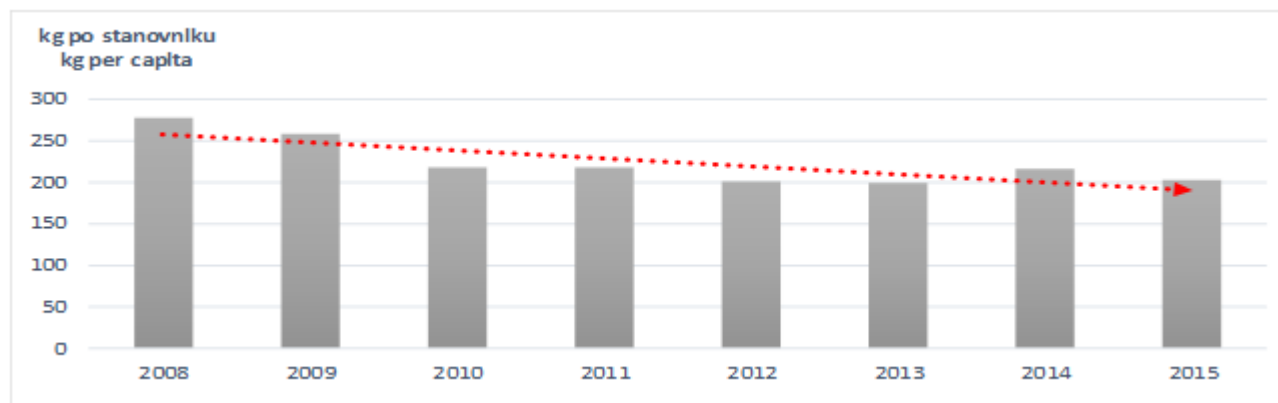
Generation of hazardous waste from NACE sectors: B, C and D, tons

Year	2008	2009	2010	2012	2014
tons	10.588	9.632	10.320	4.432	8.408



Quantities of generated household waste

	2008	2009	2010	2011	2012	2013	2014	2015	2016
Municipal waste	356	328	332	340	340	337	378	355	354
Household waste	277	259	218	218	202	200	216	203	202



Challenges

- financial and methodological support to carry out specific statistical surveys (Waste Characterisation (composition))
- training
- continuous support of statistical projects
- Understanding waste management in country
- difficulty of linking the classification



Thank you

Agency for Statistics of Bosnia and Herzegovina

Department for Transport, Environment, Energy and Regional
Statistics

