Federal Statistical Monitoring of Waste Management in Russia

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Asiya Sokolova
Chief Expert Specialist of the Ministry of Natural Resources of Russia

Nina Vlasenko
Head of Department of ROSSTAT

Natalya Shashlova
Deputy Head of Department of ROSSTAT
AMOUNT OF WASTES PRODUCED IN RUSSIA

Waste Generation and Treatment

- level of waste generation, bln.t.
- level of generation of wastes of all types (involvement of wastes into economic turnover), bln.t and %
Waste Generation in Russia by Types of Economic Activity for 2010

- Manufacturing industry: 7.5%
- Energy industry: 1.8%
- Agriculture: 0.6%
- Other: 0.8%
- Construction: 0.2%

Wastes of mineral raw materials (~ 3 334 mio tons) (Section B NACE rev.1)

3 735 Mio tons

89 %


Official statistical information is developed according to the Federal Statistical Work Plan approved by the Government of the Russian Federation dated May 6, 2008 No. 671-r.
MAIN LEGAL FRAMEWORK

Decree of the Ministry of Natural Resources of the Russian Federation dated September 1, 2011 No. 721 “On Approval of Accounting Order of Waste Management”


Annual form No. 1-KH “Information about Urban Settlement Redevelopment” (Decree of the Federal State Statistics Service dated August 3, 2011 No.343)

Decree of the Ministry of Natural Resources of the Russian Federation dated December 2, 2002 No.786 “On Approval of the Federal Classification Catalogue of Wastes”
Collection, Communication and Systematization of Data on Production and Consumption Waste Management

Legal entities, individual entrepreneurs dealing with management of production and consumption wastes

Local authorities, legal entities of municipal services in urban settlements

Annual form No. 1-KH “Information about Urban Settlement Redevelopment” (unit of measure is m³)

Territorial authorities of the Federal Supervisory Natural Resources Management Service (systematization at regional level)

Territorial authorities of the Rosstat

Central Office of the Federal Supervisory Natural Resources Management Service (systematization at federal level)

Main Interregional Center of the Rosstat

Rosstat

Annual form of federal statistical monitoring No.2-TP (wastes) (unit of measure is weight (ton))

Data on SDW disposal

All types of wastes and procedure types

All types of wastes and business types
Annual Form No. 1-KH “Information about Urban Settlement Redevelopment”

Index development problems

Collection of information about disposal of domestic garbage, solid domestic wastes to the industrial processing enterprises as per the form No. 1-KH is performed in m$^3$

There are no any national conversion factors from m$^3$ to tons

It is impossible to maintain records of domestic wastes and garbage by types

Methodological problems of classification of construction wastes to domestic wastes
Amount of Solid Domestic Wastes Generated and Disposed to be Treated

- level of generation of solid domestic wastes, mio.t.

- level of treatment of solid domestic wastes, %.

0.25t/m³ is taken as a density of solid domestic wastes
Class I - extra-hazardous wastes;
Class II - highly hazardous wastes;
Class III - moderately hazardous wastes;
Class IV - marginally hazardous wastes;
Class V - practically non-hazardous wastes

Criteria of classification of hazardous wastes to environment hazard class are determined by the level of possible adverse effect

Federal Classification Catalogue of Wastes (FCCW)

Waste management accounting includes the following:
• Name of waste types
• FCCW code
• Waste generation
• Waste utilization
• Waste control
• Handover to the other persons and/or receipt of wastes from the other persons
• Waste disposal (storage, landfill)
View of Collation of Statistical Data by the Annual Form of Federal Statistical Monitoring No. 2-TP (Wastes)

by waste types

by 5 hazard classes
(extra-hazardous, highly hazardous, moderately hazardous, marginally hazardous, practically non-hazardous)

by waste codes as per the Federal Classification Catalogue of Wastes

by the Russian Federation (totally)

by the constituents of the Russian Federation

by towns

by economic activities
(as per the All-Russian Classifier of Types of Economic Activities harmonized with the European Classifier NACE rev.1)
THANK YOU FOR YOUR ATTENTION!