



Republika e Kosovës/Republika Kosova/Republic of Kosovo
Qeveria - Vlada - Government
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Agjencia e Statistikave të Kosovës - Agencija za Statistiku Kosova -
Kosovo Agency of Statistics

Series 2: Agriculture and Environment Statistics

Industrial Waste Survey 2014





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ask

AGJENCIA E STATISTIKAVE TË KOSOVËS
AGENCIJA ZA STATISTIKU KOSOVA
KOSOVO AGENCY OF STATISTICS

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F o r e w o r d

This is the fourth publication that Kosovo Agency of Statistics has organized and conducted for the industry waste statistics according to NACE Rev. 2.

The main objective of this study is to provide data on waste from various industrial sectors in Kosovo. The results presented in this publication are important statistical source for waste generated and processed by the sectors of industry such as B, C, D, E, F, G - U.

Statistical instruments used in this study are in accordance with Regulation (EC) no.2150/2002 of the European Parliament and Council of 25th November 2002 on waste statistics, the European List of Waste and the Waste Law in Kosovo (No. 02/L30).

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Suggestions, proposals and remarks for this publication are welcome and can be sent by e-mail:
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December 2015

Chief Executive Officer, KAS
Mr. Isa Krasniqi

Abbreviations and symbols

EU European Union

KAS Kosovo Agency of Statistics

NACE Rev.2 Classification of Economic Activities

EWStat . European Waste Classification for Statistic (Version 4)

LoW Law on Waste

DAES Department of Agriculture and Environmental Statistics

Symbols

T Ton

% Percentage

: No data available

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Overall information

The industrial waste survey in Kosovo was conducted by NACE Rev. 2, which also is the statistical classification of economic activities. Waste is classified as hazardous and non-hazardous according to the list.

Reporting units are all companies with 10 or more workers. Companies involved are classified by NACE Rev. 2 sectors of the following activities:

1. *B- Mining and quarrying*
2. *C- Production*
3. *D- Supply of electricity, gas, steam and air conditioning*
4. *E- Water supply, sewerage, waste management and land adjustment*
5. *F- Construction*
6. *G-U - Service sectors*

1. Objectives of the survey

The purpose of industrial waste survey 2014 is to provide data on waste generated by industry. The data are collected for two categories: waste generated and waste treatment.

IWS target of 2014 was the realization of the survey on waste generated by industry, for NACE Rev. 2 groups.

Also the objective of the survey was that the survey to be carried out in accordance with the requirements at the country level and at the same time to be in line with international recommendations.

1.2 Methodology

1.2.1 Survey frame

All procedures of the research and preparation of statistical instruments have been finalized during April / May 2015.

Collecting data from the field was carried out in June 2015 and the interview was conducted by method "face to face".

The work plan had the following phases:

1. Preparatory phase
2. Data collection
3. Data processing
4. Data analysis
5. Tabulation and
6. Data publication/release

During the preparatory phase were conducted the following activities: sample survey, the questionnaire variables, the time schedule, guidelines for interviewers, training of interviewers and database construction. The sample was prepared by the statistical business register.

The training was held for a day in KAS office, for all surveyors who have been engaged in collecting data from the field.

IWS 2014 sample was composed of 878 businesses. The total number of businesses that responded to the survey was 592. Reporting units in the survey were companies with 10 or more workers.

1.2.2 Data collection

Data collection was completed through face to face interviews with managers of industrial companies operating in the respective region based on questionnaires (Annex 1).

1.2.3 Processing, analysis and data tabulation

All questionnaires are checked for quality control in KAS, also the processing, analysis and tabulation are prepared by the Division of Environmental Statistics.

2. Definitions

Industrial waste: waste generated by industry sector.

Hazardous waste: waste which brings harm and danger to society, which shows significant risk to human health or the environment when not properly managed. Hazardous wastes are flammable, corrosive, reactive or toxic. Hazardous waste - waste that have at least one of the following characteristics:

- explosive, oxidant, flammable, irritating, nasty, toxic, carcinogenic, corrosive, infectious, teratogenic, mutagenic, toxic gases in contact with water, air or an acid, it is likely to produce other dangerous substance, and eco toxic

3. SURVEY RESULTS FROM WASTE INDUSTRY 2014

IWS results from 2014 show that of the industry, namely of the following activity sectors;

1. *B- Mining and quarrying,*
2. *C- Production,*
3. *D- Supply of electricity, gas, steam and air conditioning,*
4. *E- Water supply, sewerage, waste management and land revitalization activities,*
5. *F- Construction,*
6. *G-U Service sectors.*

A total of 286,152 tons of waste were generated, of them 495 tons of hazardous waste.

Table 3.1: Total amount of waste generated by industry sector

Type of industry	Total waste generated	Hazardous waste (out of total)	Total waste processed ¹
	Ton		
Total B, C, D, E, F, G-U	286.152	495	286.152

Table 3.1. It shows the total amount of waste generated. This table also shows the amount of hazardous and processed waste in 2014. Total amount of hazardous waste in 2014 was 495 tons.

¹ Processing of waste - operation, where the main result of which is the entry of the waste into service to useful purposes, replacing other materials which would otherwise have been used to fulfill a particular function, or preparation of the waste to meet those functions in any plant or the wider economy. Annex II (List R - list of potential operations).

Table 3.2 Waste generated NACE Rev. 2

NACE Rev. 2		Waste generated
Section	Division	Ton
B	05-09	201.245
CA	10-12	6.500
CB	13-15	147
CC	16-18	472
CD	19	:
CE	20	102
CF	21	:
CG	22-23	64.688
CH	24-25	662
CI	26	:
CJ	27	29
CK	28	10
CL	29-30	23
CM	31-33	490
D	35	310
E	36-39	1.906
F	41-43	4.517
G-U	45-99	5.051
Total		286.152

The data in Table 3.2 show that the largest amount of waste is generated in section B (mining and quarrying), a total of 201,245 tons.

While smaller quantity of waste generated in 2014 has been in section CK, with only 10 tons.

Results from the survey show that the largest amount of waste generated is in the mining and quarrying sector, 201,245 tons or 73%.

Table 3.3: Amount of waste and hazardous waste generated in 2014.

Type of industry	Waste generated	Hazardous waste
	Ton	
B Mining and quarrying	201.245	1
C Manufacture of food products, beverages and tobacco products	73.123	461
D The supply of electricity, gas, steam and air conditioning	310	:
E Water supply, sewerage, waste management, land adjustment	1.906	:
F Construction	4.517	10
G-U Service sectors	5.051	23
Total	286.152	495

Graph 1: Structure of waste with the largest quantity generated by type of industry.

Structure of waste generated by sector B-C in%

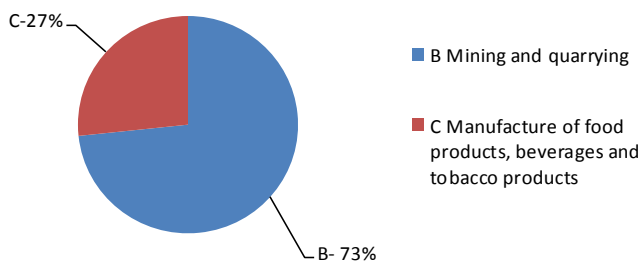


Table 3.4: Processing of waste by type of industry

Section	Nace rev.2.2	Total waste generated	Waste obtained from other companies for treatment	Burned (including those for energy production)	Waste processed	Waste recycled	Stored	Sent elsewhere	Total waste processed
B	05-09	201.245	:	2	116	:	201.037	89,85	201.245
CA	10-12	6.500	:	83	729	2,8	2.437	3.248	6.500
CB	13-15	147	:	12	:	:	21	114	147
CC	16-18	472	75	77	:	:	281	114	472
CE	20	102	:	18	4	3	22,35	54,8	102
CG	22-23	64.688	6,03	133	466	2.274	564	61.251	64.688
CH	24-25	662	:	4,6	10,5	38	19	590	662
CJ	27	29	:	:	10	2,5	6	10,1	29
CK	28	10	:	1,6	2	:	1	5,4	10
CL	29-30	23	:	0,4	:	:	4,3	18,2	23
CM	31-33	490	60	105	2,7	220	136,5	25,5	490
D	35	310	:	25	:	:	0,65	284,5	310
E	36-39	1.906	:	10,6	:	5	1.503	386,9	1.906
F	41-43	4.517	:	792	24,80	8	1.273	2.420	4.517
G-U	45-99	5.051	57	43	3,30	96	2.546	2.362	5.051
Total		286.152	198	1.308	1.368	2649	209.852	70.975	286.152

Table 3.4 shows that the largest amount of waste disposed was the mining, quarry and the service sector.

Annex 1 Questionnaire

Statistical Agency of Kosovo, a brief description

Kosovo Agency of Statistics (KAS) is a professional office operating since 1948. The KAS passed through some of the historic phases and it has been structured by the state rule of that time. KAS restarted its work on August 2, 1999, as an independent and professional office working in the frames of the Ministry of Public Administration . KAS is financed by the Kosovo Consolidated Budget and by donors for the various projects.

Statistical Agency of Kosovo acts according to the Law No. 04/L-036 which entered into force on 12.12.2011. A medium-term Master Plan is being developed for the statistical system of Kosovo compatible with the European Statistics.

KAS Mission is to fulfill the needs of the users with the reliable statistical data and with regular analyses in order to support and provide government departments with the proper information for decision-making process including other users as well.

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