



Republika e Kosovës/
Republika Kosova/Republic of Kosovo
Qeveria - Vlada - Government

Zyra e Kryeministrit -Ured Premijera -Office of the Prime Minister
*Agjencia e Statistikave të Kosovës - Agencija za Statistike Kosova -
Kosovo Agency of Statistics*

Series 2: Agriculture and Environment Statistics

Industrial Waste Survey 2015





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Publisher: - Kosovo Agency of Statistics (KAS)

Publication date: December,2016

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Foreword

Kosovo Agency of Statistics (KAS), respectively Department of Agriculture and Environment Statistics (DAES) publishes Industrial Waste Survey (IWS) as a regular annual survey. This is the fifth publication.

The main aim of this statistical survey is to provide statistical data on waste from industrial sectors in Kosovo. This research was conducted according to NACE Rev. 2.

The results presented in this publication are important statistical source for waste generated and processed according to the sectors of industry C, D, E, F, G-U.

The methodology applied for this research is in accordance with Regulation (EC) No. 2150/2002 of the European Parliament and Council of 25 November 2002 on Waste Statistics, the European List of Waste and Law on Waste in Kosovo No. 04 / L-060.

Thanks are dedicated to GOPA expert Juergen GONSER (ARGUS GmbH, Berlin) for professional support.

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December, 2016

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
EWGStat.Classification.		European Waste Catalogue
LoW	-	List of Waste
DAES	-	Department of Agriculture and Environment Statistics

Symbols

T	-	Tons
%	-	Percentage

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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 of waste (LoW).

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

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

1. Objectives and methodology of the survey

1.1 Objectives

IWS objective of 2015 is to provide statistical data on waste from industrial sectors in Kosovo, according to NACE Rev. 2. The results presented in this publication are important statistical source for waste generated and processed by industry sectors B, C, D, E, F, G-U.

Also, IWS 2015 target is for the survey to be carried out in accordance with the requirements for statistics in the waste sector at the country level and at the same time the survey methodology to be in harmony with international recommendations for the sector.

1.2 Methodology

1.2.1 Survey frame

All procedures of the research and preparation of statistical instruments for IWS 2015 have been finalized during June 2016.

Data collection from the field was carried out in July 2016 and the interview was conducted by method "Face to Face".

The work plan had the following phases:

1. Preparatory phase
2. Sample preparation
3. Data collection
4. Data processing, and
5. Data publication/release of the results

During the preparatory phase were carried out the following activities: sample survey, questionnaire, variables, the time schedule, guidelines for interviewers, training of interviewers and building database. The sample was prepared according to 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 2015 sample is composed of 865 businesses. The total number of businesses that responded to the survey was 646. Reporting units in the survey were companies with 10 or more workers.

1.2.2 Collection of data

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

All questionnaires are checked for quality control in KAS, by the experts of Environment Statistics Division.

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 – are 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. RESULTS OF THE SURVEY OF INDUSTRIAL WASTE 2015

Results of the IWS from 2015 show that the industry, namely the following activity sectors; *B - Mining and quarrying, C – Manufacture, D - Supply of electricity, gas, steam and air conditioning supply, E - Water supply, sewerage, waste management activities and revitalization of land, F - Construction, G-U Sectors of services* a total of 252 707 tons of waste are generated and 8193 tons of hazardous waste (out of total).

Table 3.1: Total amount of waste generated by industry sectors in 2015.

Type of industry	Total waste generated	Hazardous waste (out of total)	Total waste processed ¹
Tons			
Total B, C, D, E, F, G-U	252.707	8.193	252.707

Table 3.1 shows the amount of hazardous waste in 2015 was 8193 tons or 3% (see Graph 1).

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

Graph 1. Structure of generated waste from industry, by companies with ten or more employees and type of industry.

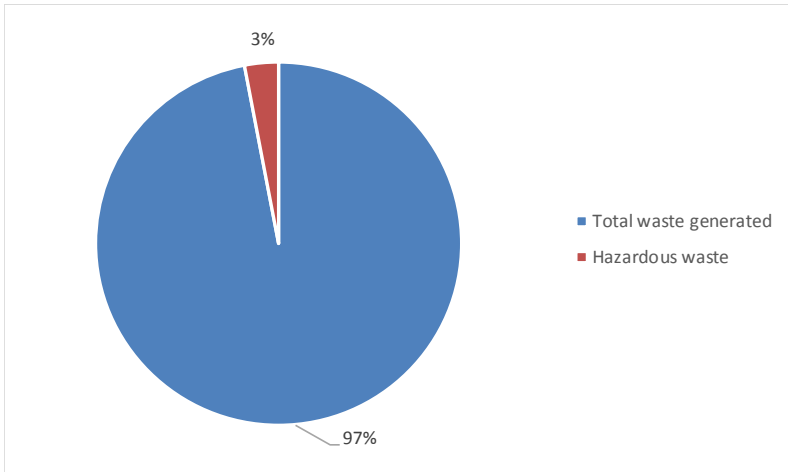


Table 3.2 Waste generated NACE Rev. 2

NACE Rev. 2		Waste generated
Section	Divisions	Tons
B	05-09	200,697
CA	10-12	226
CB	13-15	106
CC	16-18	6,484
CD	19	:
CE	20	53
CF	21	:
CG	22+23	9,594
CH	24+25	41
CJ	27	239
CK	28	15
CL	29+30	:
CM	31-33	167
D	35	210
E	36-39	271
F	41-43	2,617
G-U	45-99	31,986
Total		252,707

Results from the survey show that the largest amount of waste is generated in the mining and quarrying sector, 200.697 tons or 80%.

Table 4.1: Amount of waste generated and hazardous waste in 2015.

Type of industry	Waste generated	Hazardous waste
	Tons	
B Mining and quarrying	200,697	28
C Manufacture of food products, beverages and tobacco products	16,927	8,118
D Supply of electricity, gas, steam and air conditioning	210	:
E Water supply, sewerage, waste management, land adjustment	271	5
F Construction	2,617	28
G-U Service sectors	31,986	14
Total	252,707	8,193

Graph 2: Structure of waste with the largest quantity generated according to the type of industry.

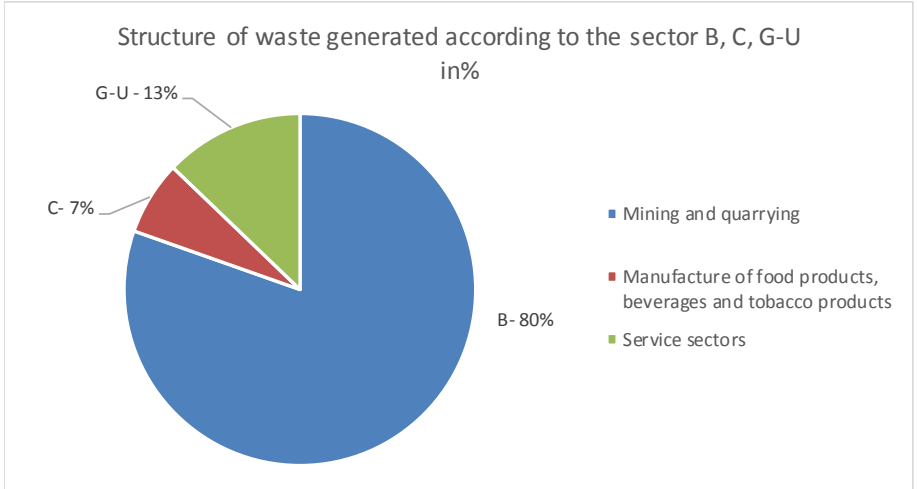


Table 4.2: Waste processing according to type of industry

Section	Nace rev.2.2	Total waste generated	Burned (including those in energy production)	Recycled waste	Deposit	Sent elsewhere	Total waste processed
B	05-09	200,697	79	:	:	200,619	200,697
CA	10-12	226	45	2	14	165	226
CB	13-15	106	10	:	12	82	106
CC	16-18	6,484	22	6,045	9	408	6,484
CE	20	53	5	23	:	25	53
CG	22+23	9,594	143	8,436	439	484	9,594
CH	24+25	41	8	6	:	27	41
CJ	27	239	7	:	215	17	239
CK	28	15	2	:	4	9	15
CL	29+30	:	:	:	4	:	:
CM	31-33	167	42	54	39	32	167
D	35	210	:	:	5	205	210
E	36-39	271	21	10	3	235	271
F	41-43	2,617	388	8	283	1,946	2,617
G-U	45-99	31,986	124	89	66	18,691	31,986
Total		252,707	896	14,672	1,092	222,943	252,707

Table 4.2 shows that the largest amount of waste disposed was the production of food, beverages and tobacco products as well as construction.

Annex 1 Questionnaire

Cataloguing in Publication - (CIP)
National Library of Kosovo “Pjetër Bogdani”

677.08 (496.51)“2015”(048)

Industrial Waste Survey 2015 / prepared by Bajrush Qevani, Haki Kurti, Flutura Shosholli. – Pristina: Kosovo Agency of Statistics, 2016. - 13 f. : ilustr. me ngjyra ; 28 cm. – (Series 2: Agriculture and Environment Statistics)

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ISBN 978-9951-22-328-7

Kosovo Agency of Statistics, a brief description

Kosovo Agency of Statistics is a professional institution which deals with collection, processing and publication of official statistical data. As such acts since 1948 and has passed through several historical stages, structured according to state regulation of those times. On 2 August 1999, the Agency has resumed his professional work (after nine years of interruption of all statistical series detrimental to the interest of Kosovo), as an independent institution under the Ministry of Public Administration. Since 12.12.2011 the Agency operates in the frames of the Prime Minister's Office. Office is funded by the Kosovo Consolidated Budget, but also by donors for specific projects and for technical professional support.

The mission of the Agency; to meet the needs of users with qualitative statistical data, objective, in time and space so that users have reliable base to conduct regular analysis in the interest of planning and project development at the municipal and country level. To support government institutions, scientific institutes, research academies, businesses in order to provide proper information for decision-makers and other users in Kosovo.

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ISBN 978-9951-22-328-7

