



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

Waste Treatment Survey 2016





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Foreword

Kosovo Agency of Statistics, respectively the Department of Agriculture and Environment Statistics, has conducted the Waste Treatment Survey (WST) for the second time, as a regular annual survey. The purpose of this research is to provide stable statistical data for the waste sector in Kosovo.

The results presented in this publication provide an important statistical source of the current state of the sector. The methodology used for conducting the survey is in line with EU regulations and recommendations, including the Waste Law in Kosovo (No. 02/L-30).

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Suggestions, suggestions and comments regarding this publication are welcome and they can be sent to E-mail: agricultural@ks-gov.net

October, 2017

Chief Executive Officer, KAS
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Abbreviations and Symbols

EU	European Union
KAS	Kosovo Agency of Statistics
DAES	Department of Agriculture and Environment
WTS	Waste Treatment Survey
MPC	Municipal Public Company

Symbols

kg	Kilogram
t	Tons
%	Percentage

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1. Objective and methodology of the survey

1.1 Objective

The purpose of the Waste Treatment Survey 2016 is to provide statistical information on waste according to:

- Input - Output,
- Export, and
- Disposal

Also, this publication aims to provide a basis for future waste treatment monitoring in this sector. The survey has included sectors related to waste management NACE E38, G46.77.

1.2 Methodology

1.2.1 Frame of the survey

The methodology and plan for conducting the field survey were prepared during June 2017, and included activities such as: preparation of questionnaire, interview guide, survey sample and training of interviewers. The data collection was carried out in July 2017.

The framework includes 106 businesses out of which 57 of them responded while 12 businesses were closed, and 32 businesses changed their activity during 2016.

1.2.2 Fieldwork procedures

Fieldwork was conducted by interviewers who conducted direct interviews with company managers, based on questionnaires. (Annex 1).

- Review of field questionnaires completed by field supervisors
- Review of completed questionnaires at the KAS Central Office, staff of the Division of Environment Statistics.

2. Definitions

Waste treatment means recovery or disposal operations, including preparation prior to recovery or disposal.

Waste treatment includes physical, chemical, biological or thermal treatment, including sorting, which alters the waste characteristics in order to reduce volume, facilitate treatment or recycling of waste.

3. Results

The results achieved by WTS 2016 are the product of data collected by businesses that deal with waste management according to NACE E38, G46.7 sectors, as well as on the objectives foreseen for the survey which are: Input, output, waste treatment and waste export.

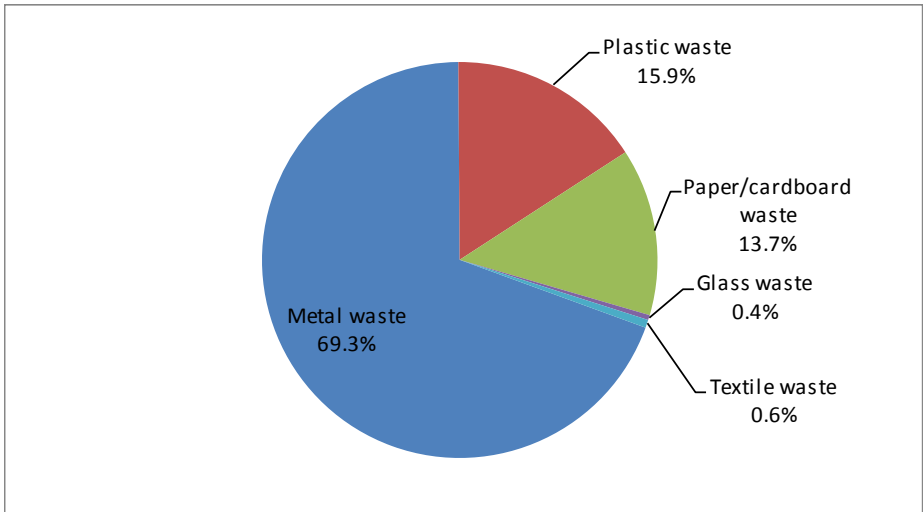
The results of WTS 2016 are presented in the following table.

Table 1: Amounts and destination of waste managed by recycling companies by material, 2016

Waste/Material	Input total	Output total	of which	
			Treated/used in the country	Exported
Quantity in ton	Ton			
Metal wastes (ferrous metal waste and scrap, non-ferrous metal waste)	44,841	44,841	40,233	4,048
Paper and cardboard waste	8,832	8,828	2,900	5,928
Plastic waste	10,308	10,093	9,665	428
Glass waste	271	271	1	270
Textile waste	420	420	420	0
Total	64,672	64,452	53,218	10,674

The data from Table 1 show that the total amount of waste received for treatment was 64 672 tons, while the amount of waste generated after the treatment process was 64 452 tons, the amount of waste treated in the country was 53 218, total the amount of waste exported by recycling companies was 10 674 tons.

Graph 1: Waste managed by recycling companies by material



Graph 1 shows the percentage of recycled materials where the most recyclable material is metal with 69 % and plastics at 15.9 %.

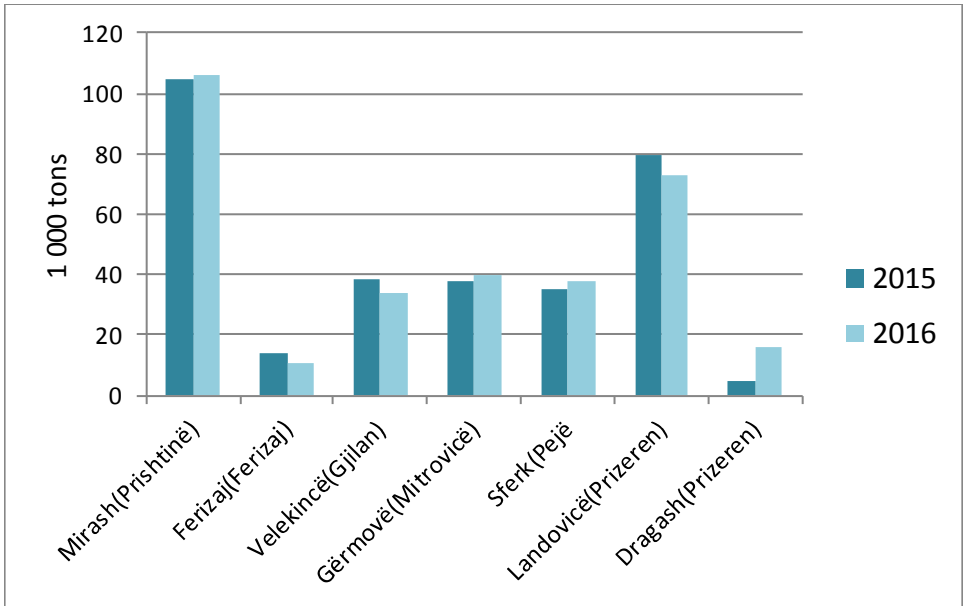
Data from landfills licensed in Kosovo are presented in the table below.

Table 2. Data on waste collected in the landfill, 2015-2016

Landfill (Location,region)	2015 Ton	2016 Ton
Mirash(Prishtinë)	104.739	106.119
Ferizaj(Ferizaj)	13.801	10.327
Velekincë(Gjilan)	38.236	33.547
Gërmovë(Mitrovicë)	37.876	39.547
Sferk(Pejë)	35.42	37.444
Landovicë(Prizeren)	79.661	72.921
Dragash(Prizeren)	4.7	16.166
Dumnicë(Podujevë)	10.315	:
Tuqep-Istog	3.6	:
Trokone	1.021	:
Total	329.369	316.438

The data from Table 2 shows the quantity of waste deposited in licensed landfills. From the amount of disposed waste, according to landfills for the years 2015-2016, no significant differences are noted, with the exception of Dragash landfill.

Graph 2: Quantity of waste deposited according to 2015-2016



Annex 1: Questionnaire

QUESTIONNAIRE

WASTE TREATMENT SURVEY 2016

IDENTIFICATION DATA

Business No

Fiscal No.

Name of business _____

Activity code: Nace Rev.2:

Number of employees 2016 (100% full time) _____

Number of employees 2016 (temporary) _____

Description of economic activity: _____

Address: _____

Municipality _____

Place _____

Street: _____

Building number _____

Name of owner: _____
(Name and surname) Tel

E-mail: _____

Contact person: _____
(Name and surname) Tel

Business is surveyed YES/NO _____

If no, reason? _____

E-mail of contact person: _____

Date, month and time of the survey: _____
Data Month Year Time

Table 1: Questionnaire for Waste Treatment

TYPE OF THE FACILITY / ACTIVITY	Please mark the appropriate facility / activity with a cross	CAPACITY (tons/year)	REMAINING CAPACITY AT THE END OF 2015 (m ³)
1. Landfill	<input type="checkbox"/>		
2. Incineration facility	<input type="checkbox"/>		
3. Treatment facility for medical waste	<input type="checkbox"/>		
4. Trade with recyclable materials	<input type="checkbox"/>		
5.*	<input type="checkbox"/>		

** Please use line 5 for other types of facilities*

What kind of waste treatment you are conducting in your facility? Please describe.

Table 2: Questionnaire for Waste Treatment

Input to waste treatment facility				
Waste type (Description)	Waste code (LoW code)	Treated quantity	Of which ...	
			Waste generated in the own company	Waste from other companies or from waste collectors
		tons	tons	tons
1	2	3	4	5
Total				

Table 3: Questionnaire for Waste Treatment

Output of the waste treatment facility						
Waste type / product (Description)	Waste code (LoW code)	Generated quantity	Of which ...			
			Further treatment or use in the country			Exported
			Other waste treatment facility		Sold / Given away to users	
1	2	tons	tons	type of treatment	tons	tons
3	4	5	6	7		
Total						

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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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