



# Joint Task Force on Environmental Statistics and Indicators

Environment Agency  
National Bureau of Statistics

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**Geneva 3 - 4.11.2022**



## Republic of Moldova

### Legal approximation with the EU acquis

In 2014 the Moldovan Government signed an Association Agreement with the EU, advancing the Coalition's policy priority of EU integration.

Chapter 16 (Environment) of Annex XI of the Association Agreement.

On 23 of June 2022, the Republic of Moldova became a **EU candidate country**.



# Environment Agency

Established in June 2018 (GD 549/2018)  
Implementing body under the Ministry of Environment (ME)



- **ASSESSMENT**
  - EIA, SEA and ecological expertise



- **PERMITTING**
  - integrated permits, single-media permits, registration, through SIA GEAP



- **MONITORING**
  - air, water, soil, biodiversity, **WASTE**, radioactivity level



# Transposes the new Directive 2008/98/EC on wastes → Waste Law no 209/2016

- Transposes other directives related to waste management operations (collection, treatment, recovery and disposal) and management of certain waste flows (packaging, WEEE, ELV, waste tyres, batteries) → **Contains provisions for the application of the extended producer responsibility;**

batteries and accumulators  
(GD no 586/2020)



electrical and electronic  
equipment (GD no 212/2018)



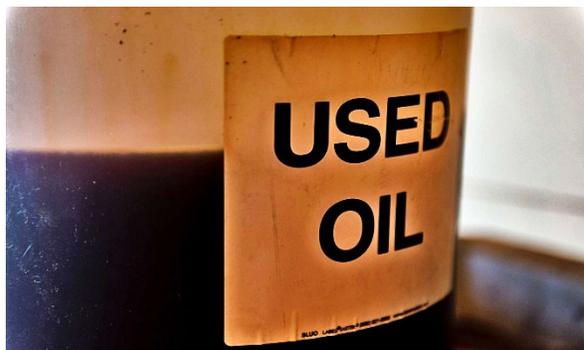
packaging (GD no 561/2020)



tyres (GD no 10/2022)



oils (GD no /2022)



vehicles (GD no /2022)





**SIAMD**

# Waste Management Informational System (SIAMD)

Registry on “**Waste Evidence**” will contain data on collection, transport and treatment of waste, including of those hazardous

Registry on “**Permit Evidence**” issued in accordance with the Art. 25, will contain the following compartments:

- Permit for waste collection activities;*
- Permit for waste transport activities;*
- Permit for waste treatment activities;*
- Permit for waste disposal activities*

Registry “**Notifications for Export/transit**” issued in accordance with the Art. 60;

**Registry of Producers** subject to extended producer responsibility in accordance with the art. 12, will include the following waste flows:

- Batteries and accumulators;*
- EEE;*
- ELV;*
- Waste oils;*
- Packages.*

**Registry of units and enterprises exempted of requirements to obtain a permit** in accordance with the Art. 27.



**SIAMD**

Waste  
Management  
Informational  
System  
(SIAMD)

Government Decision  
No 99/2018

- List of waste approved is identical with European Waste List.

Government Decision  
No 501/2018

Sets the procedure for keeping records and reporting of waste data

Annex no 2  
to the GD 501/2018

Reporting waste data and management

Profile of the reporter			To be completed by the competent authority					
Year			Stamp of the competent authority:	Date: __/__/____				
No of page				Report received by: _____				
Total number of pages				Signature _____				

No	Waste code	Name of waste	Category of waste	Y Code	Quantity tones	Type of treatment	Entity from/to whom the waste were transferred/taken	Remarks
1	2	3	4	5	6	7	8	9
<b>Total</b>								



# Waste reporting, by waste producers and collectors, according to the Waste List

SIAMD

Waste Management Informational System (SIAMD)

Year	Month	Type	Entity Name	IDNO	Quantity	Description	Waste Code	Waste Name	Category	Sub-Category	Location	Value	
2019	0	Productator	PERPECT S.R.L.	1002600042915	100120	Sticla	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	vehiculelor casate si de la intretinerea vehiculelor (cu exceptia celor de la capotolele 13, 14 si sectiunile 16 05 si 16 08)	N/A	D15	Sticla	21,91	
2019	0	Productator		1003600015231	160199	deșeuri nespecificate	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1501 - vehicule scasono din uz de la diverse mijloace de transport (inclusiv mașini de teren) și deșeuri de la dezambvarea vehiculelor casate și de la intretinerea vehiculelor (cu exceptia celor de la capotolele 13, 14 și sectiunile 16 05 și 16 08)	N/A	R7	MoldRec	0,58	
2019	1	Productator		1003600015231	160209*	transformatoare și condensatoare cu conținut de PCB	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	Y10	D15	SetCar	19,31	
2019	1	Productator	GEMINI S.A.	1002600020473	160212*	echipamente casate cu conținut de azbest liber	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	Y15	D2	wrewwwrvalfd4fd ffd	DN	4 545,00
2019	1	Productator	MOI DOVATRANSOGAZ	1003600010109	160213*	echipamente casate cu conținut de componente periculoase (3), altele decât cele specificate la 16 02 09-16 02 12	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	Y29	D15	Garda De Reciclarie Moldrec	0,22	
2019	0	Productator		1003600015231	160214	echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	N/A	R7	MoldRec	1,30	
2019	0	Productator	S.A. BUCURIA	1002600021736	160214	echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	N/A	D15	ANTEI PLUS SRL 10144000004539	AP	76,76
2019	0	Colector	INSTITUTIA PRIVATA MOLDEEC	1013620000799	160216	componente dezasurate din echipamente casate, altele decât cele specificate la 16 02 15	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	N/A	R4	E	88,31	
2019	0	Colector	INSTITUTIA PRIVATA MOLDEEC	1013620000799	160216	componente dezasurate din echipamente casate, altele decât cele specificate la 16 02 15	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1602 - deșeuri din echipamente electrice și electronice	N/A	R4	E	103,29	
2019	0	Productator		1007600048369	160304	deșeuri magnetice, altele decât cele specificate la 16 03 03	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1603 - loturi declasate și produse nefolosite	N/A	R4	"Valdelor-Com" S.R.L.	AP	0,68
2019	1	Colector	VANS-PRIM S.R.L.	1003600034292	160307*	mercur metallic	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1603 - loturi declasate și produse nefolosite	Y29	D15		AP	0,14
2019	1	Productator	ENGINEERING S.R.L.	1006600024982	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	ICS "Grip-Engineering" SRL	AP	0,04
2019	1	Productator	TOR	1006600051586	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	"New Metal Constructo S.R.L. contract Nr 05/12-2 or 05.12.2019. IDNO: 1013600005116	DN	1,37
2019	1	Productator		1003600015231	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R7	MoldRec	0,79	
2019	1	Productator		1003600015231	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y14	D15	MoldRec	0,04	
2019	1	Productator	RIKIPAL S.R.L.	1009600021214	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R5	Moldrec IP	DN	0,14
2019	1	Productator	S.A. BUCURIA	1002600023736	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	D15	I.P. Moldrec 1013620000799	AP	0,14
2019	1	Colector	AMID-AUTO S.R.L.	1018600036225	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	METAL FEROS SA	0,79	
2019	1	Colector	AMID-AUTO S.R.L.	1018600036225	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	NEWMETAL CONSTRUCT SRL	3,30	
2019	1	Productator	I.P. "BAZA AUTO A CANCELARIEI DE STAT"	1006601001034	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	D15	SRL Adit-Line	DP	0,50
2019	1	Detinator	I.P. "BAZA AUTO A CANCELARIEI DE STAT"	1006601001034	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	D15	SRL Adit-Line	DP	0,50
2019	1	Colector	SA "Metalferos"	1002600025822	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	D15	Metalferos cf-1002600025822	AP	212,61
2019	1	Productator	AA	1002611001255	160601*	baterii cu plumb	16-DESEURI NESPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	"New Metal Constructo S.R.L. contract Nr 05/12-2 or 05.12.2019. IDNO: 1013600005116	DN	0,22



# Analysis and interpretation of waste management data

# SIAMD

## Waste Management Informational System (SIAMD)

← → C siamd.gov.md/?s=rep\_b&id=20&reset\_page=1&gid=39

ID	Tip de activitate	Statut	Tip de activitate	IDNO	Adresa	Tip de activitate	Descriere	Tip de activitate	Statut	Adresa	Tip de activitate	Statut	
253	2 019	0	Producator	PERPECT S.R.L., IDNO: 1002600042915	160120	Sticla	NEINSPECIFICATE IN ALTA PARTE IN LISTA	Vehiculelor casate și de la întreținerea vehiculelor (cu excepția celor de la capitolul 13, 14 și secțiunile 16 08 și 16 08)	N/A	DN15	Sticla	2/3/1	
254	2 019	0	Producator	IDNO: 1003600015231	160199	deșeurii nespecificate	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA	1601 - vehicule scoase din uz de la diverse mijloace de transport (inclusiv: mașini de teren) și deșeurii de la					
255	2 019	1	Producator	IDNO: 1003600015231	160209*	transformatoare și condensatoare cu conținut de PCB	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
256	2 019	1	Producator	OPBMENT S.A., IDNO: 1002600029473	160212*	echipamente casate cu conținut de solvent hidro	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				MOLDOVATRANSGAZ, IDNO: 1003607010109	160213*	echipamente casate cu conținut de gaze particulare (3), altele decât cele specificate la 16 02 09-05	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				IDNO: 1003600015231	160214	echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				S.A. BUCURIA, IDNO: 1002600021736	160214	echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				INSTITUTIA PRIVATA MOLDOREC, IDNO: 1013620000799	160216	componente de uz casat din echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				INSTITUTIA PRIVATA MOLDOREC, IDNO: 1013620000799	160216	componente de uz casat din echipamente casate, altele decât cele specificate la 16 02 09-16 02 13	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				IDNO: 1007600098369	160304	deșeurii anorganice, altele decât cele specificate la 16 03 03	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				VANIS-PRIN S.R.L., IDNO: 1003600034292	160307*	mercur metallic	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				I.C.S. OPIPI, IDNO: 1003600034292	160601*	baterii cu plumb	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				S.A. S.R.L., IDNO: 1006600024982	160601*	baterii cu plumb	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA						
				S.A. S.R.L., IDNO: 006600053586	100601*	baterii cu plumb	16 - DEȘEURI NEINSPECIFICATE IN ALTA PARTE IN LISTA	1606 - baterii și acumulatori	Y31	R13	«New Metal Construct» S.R.L., contract № 05/12-2 or 05/12/2019, IDNO: 1013600005116	DN	1,57
				IDNO: 1003600015231									
				RUKALAI S.R.L., IDNO: 1009600021214									
				S.A. BUCURIA, IDNO: 1002600021736									
				AMID-AUTO S.R.L., IDNO: 1018600036225									
				AMID-AUTO S.R.L., IDNO: 1018600036225									
				I.P. «BAZA AUTO A CANCELARIEI DE STAT», IDNO: 1006601001034									
				I.P. «BAZA AUTO A CANCELARIEI DE STAT», IDNO: 1006601001034									
				S.A. Metalferos, IDNO: 1002600025822									
				AA, IDNO: 1002611001255									

**Structura deșeurilor colectate, deșeurii după categorii**

- deșeurii municipale
- ambalaje și deșeurii
- deșeurii din alte categorii de deșeurii
- 0.1%

**Fluxurile de deșeurii după sursă**

- 34% Construcții
- 27% Industrie extractivă
- 11% Fabricare
- 9% Gospodării
- 3% Furnizare de energie
- 16% Alte surse

**Fluxurile de deșeurii după tipul de deșeurii**

- 43.5% Deșeurii menajere
- 10.4% Soluri
- 7.4% Deșeurii menajere și alte deșeurii similare
- 5.0% Deșeurii de incinerare
- 4.4% Deșeurii de origine animală și vegetală
- 3.9% Deșeurii metalice
- 2.5% Deșeurii chimice și medicale
- 2.5% Deșeurii de lemn
- 2.3% Deșeurii de hârtie și carton
- 19.2% Alte deșeurii

**In mediul, producem 157 kg de deșeurii de ambalaje pe cap de locuitor în UE.**

**În fiecare an este raportată în UE producerea a 74 milioane de tone de deșeurii periculoase.**

**Echipamentele electronice și electronice reprezintă fluxul de deșeurii cu cel mai rapid ritm de creștere în UE, estimându-se că va ajunge la 12 milioane de tone pe an până în 2020.**

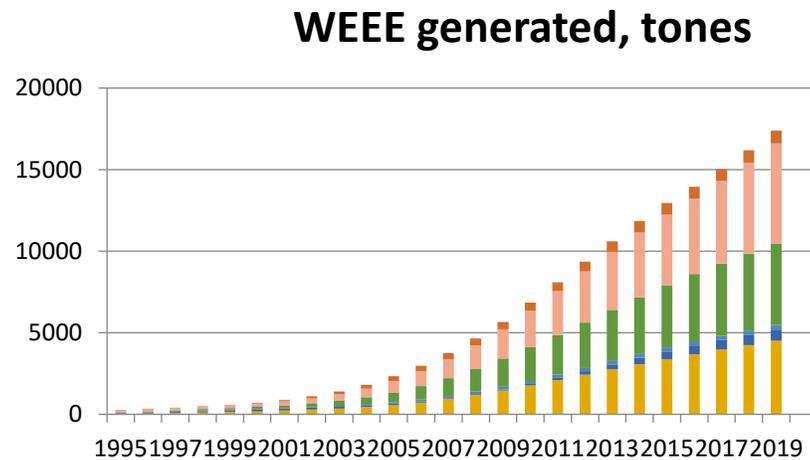
**Towards Green Transformation of the Republic of Moldova:**

State of Play in 2021

Monitoring progress based on the OECD green growth indicators



# Use of other tools to estimate some categories of waste (ex. E-waste Tool)



- Small equipment
- Photovoltaic panels (incl. converters)
- Large equipment (excluding photovoltaic panels)
- Lamps
- Screens, monitors, and equipment containing screens (..)

## E-waste Statistics Toolkit

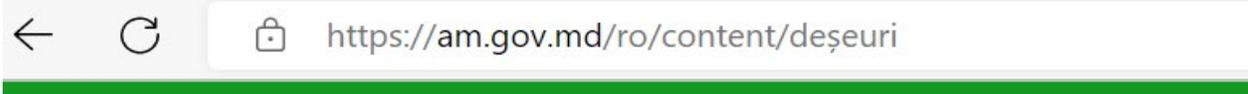
EEE Put on  
Market  
Tool

E-waste  
Generated  
Tool



# SEIS principle: Easily accessible to all users

## Data dissemination



Ministerul Mediului

# Agencia de Mediu

Agencia Comunicare Domenii de activitate Indicatori de mediu

Starea mediului Raportul național privind starea mediului în Republi

[al fondului. / Радиационный фон окружающей среды на террито](#)

## Indicatori de mediu

## Deșeuri

I1\_Deșeuri produse

I2\_Gestionarea deșeurilor periculoase

I3\_Reutilizarea și reciclarea deșeurilor

I4\_Eliminarea finală a deșeurilor

# *SEIS principle: Collaboration*

## National Statistical System (SSN)

### Law no. 93/2017 on official statistics Art.6

- National Bureau of Statistics (NBS) - central authority for Statistics
  - National Bank of Moldova
  - Other producers of official statistics (APSO)
-

# Procedure for determining other producers of official statistics (OPOS)

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## Legal framework

### *International*

- Regulation (EC) no 223/2009 on European statistics

### *National*

- Law no. 93/2017 on official statistics
- Regulation on the procedure for establishing producers of official statistics, Government Decision No. 51/2022

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Institutions meeting the following criteria:

- has the status of a public institution,
- authority is responsible for the production of statistical information-provided in the normative framework,
- has the capacity to produce and disseminate statistical information according to the fundamental principles of official statistics

*These criteria must be met simultaneously!*

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# OPOS obligations

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- respect the fundamental principles of official statistics (art. 5 of law 93/2017)
  - use internationally recommended definitions, classifications, concepts and methodologies
  - coordinate with NBS the methodology for producing statistics
  - transmit to NBS the statistical information available to be included in the data series or statistical publications
  - coordinate with NBS the dissemination of official statistical information, including international organizations
-

# Program of Statistical Works

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- PSW-the basic tool by which official statistics producers carry out statistical work in order to provide users relevant information
- PSW-is approved annually by the Government and includes information, responsibilities and deadlines:
  - a) statistical researches
  - b) synthesis works, studies and statistical analysis
  - c) statistical publications

SEIS principle: Collected once and shared with others for many purposes

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# Launch of the new version of the official website of the NBS

## *SEIS principle: Easily accessible to all users*

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- Assistance of the European Union project "Technical assistance to support the National Bureau of Statistics of the Republic of Moldova,,
  - Advantages and new features of the new version:
    - Modern, friendly, simple and intuitive design,
    - Responsive design and mobile version,
    - Design focused on statistical domains,
    - Advanced search, based on filters,
    - Email subscription, advanced features,
    - Dissemination calendar, embedded on the front page and at each domain,
    - Advanced accessibility options for the people with deficiencies of view,
    - Statistical glossary - repository of statistical terms,
    - Index A-Z - list of statistical fields, another possibility to search the information,
    - Short URLs that contain keywords and can be memorized,
    - Interactive feedback - new modules "Report a bug", "Was the information useful?,,,
    - Site management system, simpler and easier to use.
-

# New NBS web page

## Home page

The screenshot shows the home page of the National Bureau of Statistics of the Republic of Moldova. The page features a blue header with the logo and navigation links. Below the header, there are five main data cards: Export (+39.4%), Import (+35.7%), Population (2 604.0 thou.), Inflation rate (+1.43%), and GDP (-0.9%). A 'Statbank' button is also present. Below these cards, there is a section for 'The most searched information on the website' with buttons for various topics. At the bottom, there is a banner for the new website launch.

statistica.gov.md/en

NATIONAL BUREAU OF STATISTICS OF THE REPUBLIC OF MOLDOVA

Old site A-Z Statistics Statistic glossary Contact RSS English

STATISTICA MOLDOVEI Statistics by themes Products and services Metadata and classifications For respondents About NBS Media

Export +39.4% Aug. 2022 / Aug. 2021

Import +35.7% Aug. 2022 / Aug. 2021

Population 2 604.0 thou. 2021

Inflation rate +1.43% Sep. 2022 / Aug. 2022

GDP -0.9% Q. II 2022 / Q. II 2021

Statbank

The most searched information on the website

Number of population GDP Inflation Earnings Tourism Export / Import Unemployment Statistical Yearbook

**A new version of the official website of the National Bureau of Statistics has been launched**

The National Bureau of Statistics launched a new, modernised version of the official website [www.statistica.gov.md](http://www.statistica.gov.md) on 20 October 2022, which is in line with new information technology requirements and the expectations of statistical data users.

# Dissemination of Environment indicators

statistica.gov.md/en/statistic\_indicator\_details/24#contacts



## Environment

### Key indicators

Last update: 27.10.2022



The territory, thou. km<sup>2</sup>

33,8

Main rivers

Nistru, Prut, Raut



Length, km

from North to South

350

from West to East

150

About



## About

Environment statistics study the processes of the relationship between people and the environment and include a system of indicators on: existence and use of surface and groundwater resources, air pollution and protection, waste generation and management, existence and use of land resources, existence and use of forest resources, biodiversity, protection of mineral resources, financial expenses for environmental protection. The data are elaborated by the National Bureau of Statistics, the Ministry of Environment, the administrative authorities subordinated to the ministry (Environment Agency, State Hydrometeorological Service, "Moldsilva" Agency, "Apele Moldovei" Agency, Agency for Geology and Mineral Resources), Land Relations Agency and Cadastre. The data are presented annually.

News releases



Statbank



Excel tables



Release calendar



Publications



Metadata, concepts and methodologies



Relevant statistics and useful links



see less ↑



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## Statbank

- [Current expenditures for environment protection and ecological payments](#)
- [Land and forest fund](#)
- [City infrastructure](#)
- [Meteorology](#)
- [Atmospheric air protection](#)
- [Water use](#)
- [Wastes](#)



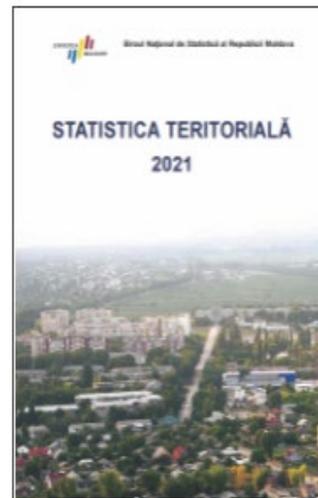
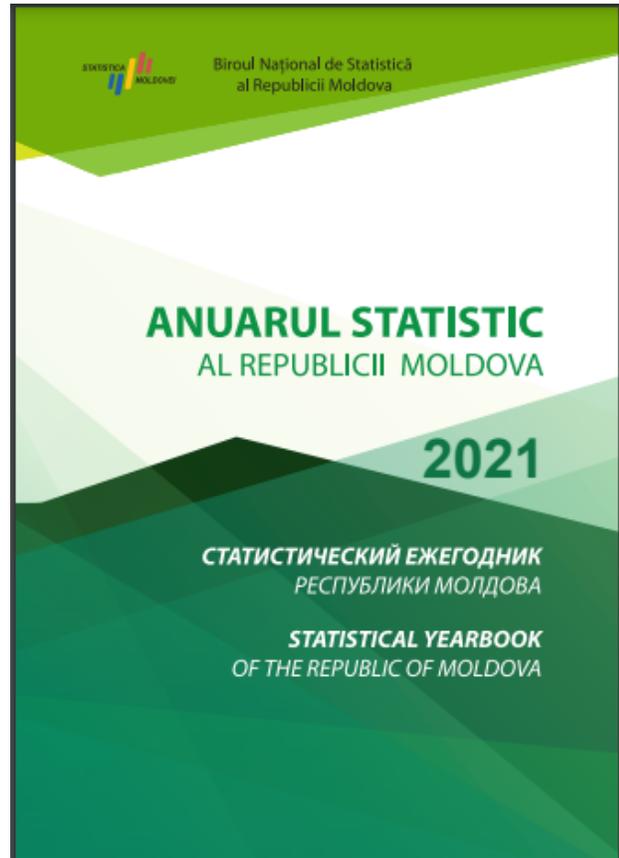
## Excel tables

Excel tables - see [Statistical Yearbook](#)



## Release calendar

# Dissemination of Environment indicators / Statistical publications





**Thank you for your attention!**

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**[ludmila.lungu@statistica.gov.md](mailto:ludmila.lungu@statistica.gov.md)**