



**Ministry of Environment  
National Bureau of Statistics**



**Production and dissemination of  
Environmental Indicators  
(9<sup>th</sup> Joint Task Force on Environmental  
Indicators meeting)**

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4 November 2014

# Presentation structure

## I Part:

- Status time series
- Status units of measurement
- Implementation of the recommendations regarding producing of parameters for A1, A2, C11

## II Part:

- A1 Emissions of pollutants into the atmospheric air
- B3 Greenhouse gas (GHG) emissions
- D1 Protected areas

# Production of the eight core indicators

<i>Indicator</i>	<i>Sub-indicators</i>	<i>Status time series</i>	<i>Status units of measurement</i>
A-1 <i>Emissions of pollutants into the atmospheric air</i>	Emissions of sulphur dioxide per GDP Emissions of sulphur dioxide per capita Emissions of nitrogen oxides per capita Emissions of nitrogen oxides per square kilometer	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
A-2 <i>Ambient air quality in urban areas</i>	Annual mean concentration of nitrogen dioxide in the capital city	✓	✓
A-3 <i>Consumption of ozone-depleting substances (ODS)</i>	Aggregated consumption of ODS	✓	✓
B-3 <i>Greenhouse gas (GHG) emissions</i>	Emissions of carbon dioxide per capita Emissions of carbon dioxide per unit of GDP	✓ ✓	✓ ✓*

\* Data on GHG emission for the period 2011-2013 will be available on 2015

# *Production of the eight core indicators*

<i>Indicator</i>	<i>Sub-indicators</i>	<i>Status time series</i>	<i>Status units of measurement</i>
<i>C-10 BOD 5 and concentration of ammonium in rivers</i>	BOD 5 concentration in the major rivers (3 sampling points – upstream, downstream, intermediate)	✓	✓
<i>C-11 Nutrients in freshwater</i>	Nitrates concentration in major water bodies (lakes, reservoirs) Total phosphorus concentration in major water bodies (lakes, reservoirs)	✓ ✓	✓ ✓
<i>D-1 Protected areas</i>	Share of total protected areas in the country area	✓	
<i>I-1 Waste generation</i>	Annual generation of municipal waste per capita	✓	

# *Producing parameters for A1- Emissions of pollutants into the atmospheric air*

	Emissions	Status
Main pollutants	NMVOCs (Non-methane volatile organic compounds)	✓
	NH <sub>3</sub> (Ammonia)	✓
	CO (Carbon monoxide)	✓
	CH (Hydrocarbons)	✓
	PM <sub>10</sub> (Particulate matter)	
	PM <sub>2.5</sub> (Particulate matter)	
	TSP (Total suspended particulates)	

# *Producing parameters for A1- Emissions of pollutants into the atmospheric air*

	Emissions	Status
<i>Persistent organic pollutants</i>	POPs (Persistent organic pollutants)	✓
	PCBs (Polychlorinated biphenyls)	
	PCDD/F (polychlorinated dibenzodioxins/dibenzofurans)	✓
	PAHs (Polycyclic aromatic hydrocarbons)	✓
<i>Heavy Metals</i>	Pb (Lead)	✓
	Cd (Cadmium)	✓
	Hg (Mercury)	✓
	Ni (Nickel)	✓
	As (Arsenic)	✓

# *Producing parameters for A2- Ambient air quality in urban areas*

<i>Emissions</i>	<i>Status</i>
PM <sub>10</sub> (Particular matter)	✓
SO <sub>2</sub> (Sulphur dioxide)	✓
O <sub>3</sub> (ozone, ground level)	✓

PM<sub>10</sub> – is collected at 3 Stations: st. Leova (permanently), st. Mateuti (due to technical aspects the data flow has been stopped), st. Chisinau (periodical);

SO<sub>2</sub> – is collected at all stations;

O<sub>3</sub> – is collected at 2 Stations: st. Leova (permanently), st. Mateuti (due to technical aspects the data flow has been stopped).


# *Producing parameters for C11 – Nutrients in freshwater*

<i>Place</i>	<i>Emissions</i>	<i>Status</i>
Rivers	Phosphates	✓
	Nitrates	✓
Groundwater	Nitrates	✓*

\* Within the *Project Protection of Freshwaters and Marine Environment in the Winder Black Sea Region/Component A Environmental Protection of International River Basin Projects* data on NO<sub>3</sub>, NO<sub>2</sub>, NOH<sub>4</sub> has been collected by EHGEOM – Moldovan Hydro-Geological Expedition. Now data on Nitrates are collected only from high risk wells.



# Progress made on dissemination

- ◆ *A-1 Emissions of pollutants into the atmospheric air*
  - ◆ *B-3 Greenhouse gas (GHG) emissions*
  - ◆ *D-1 Protected areas*
- 

# *A-1 Emissions of pollutants into the atmospheric air*

On the web page of national Bureau of Statistics the following dates are published:

- ◆ Absolute values of emissions from:
  - Stationary sources (national and territorial levels)
  - Mobile sources (national level)
  
- ◆ Relative values of emissions (national level)
  - per unit area,
  - per unit of GDP,
  - per capita.

Tuesday, October 21, 2014

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NBM rates 21.10.2014

	USD	▼	14.5629
	EUR	▼	18.5977
	RON	▼	4.2108
	RUS	▼	0.3554

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# Data and Metadata access from the first page of NBS Languages

## Press-releases



21.10.2014 **new**

[Freight and passenger transportation in the Republic of Moldova in January-September 2014](#)

National Bureau of Statistics informs that, in September 2014 enterprises of railway, road, river and air transport, have transported 1771,5 thou. tonnes of goods with 36,2% more than in the previous month and with 17,7% - compared to September 2013. The turnover of goods in September 2014 summed up 418,2 mio. tonne-km, with 15,0% more than in the previous month and with 3,1% less compared to September 2013.



17.10.2014 **new**

[The evolution of industrial production prices in the Republic of Moldova in September 2014](#)

National Bureau of Statistics informs that, the producer prices in industry in September 2014 has decreased with 0,2% compared to August 2014, meanwhile increased with 3,9% compared to December 2013 and with 5,3% - compared to September 2013.



15.10.2014 **new**

[Industrial activity of the Republic of Moldova in January-August 2014](#)

National Bureau of Statistics informs that, the indices of industrial production in January-August 2014 compared to January-August 2013 constituted 104,3%. In August 2014 compared to August 2013 the indices of industrial production registered 103,9%.

13.10.2014 **new**

[External trade activity of the Republic of Moldova in January-August 2014](#)

10.10.2014

[Evolution of consumer prices in the Republic of Moldova in September 2014](#)

## News



15.10.2014 **new**

["Women and men in agriculture of the Republic of Moldova" leaflet has been posted on the web page](#)

Along the same objective this leaflet provides a basic gender analysis based on sex-disaggregated data collected by the first General Agricultural Census of the Republic of Moldova (carried out in 2011). It highlights main disparities between women and men engaged in agriculture in Moldova, particularly in terms of their access to assets, inputs and services. Understanding specific challenges of female and male farmers, agricultural entrepreneurs and workers will enable gender-aware decisions about the sector, leading to more effective, efficient and sustainable solutions.

## Key indicators, %

<a href="#">Population</a>	3557,6 thou.
<a href="#">CPI</a>	100,8%
<a href="#">GDP</a>	103,9%
<a href="#">Industrial production</a>	104,3%
<a href="#">Agricultural production</a>	107,7%
<a href="#">More indicators</a>	





Tuesday, 21 October 2014

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## Table existente: Atmospheric air protection

- [Emission of detrimental substances in atmospheric air by stationary sources by ingredients, 2001-2013](#)  
- Size: 8 Kb - Modified: 26.06.2014 11:43:26
  - **Indicators:** Emission of detrimental substances - total, ..oxide nitrogen, ... (6)
  - **Years:** [2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, ... \(13\)](#)
- [Emission of some specific polluting substances in atmospheric air by stationary sources, 2001-2013](#)  
- Size: 2 Kb - Modified: 26.06.2014 11:58:03
  - **Substances:** Metals and their compounds, Lead, Aromatized multiring hydrocarbon, ... (13)
  - **Years:** [2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, ... \(13\)](#)
- [Capture \(neutralization\) by the purification plants of detrimental substances at the emissions by stationary sources of atmospheric air pollution, 2001-2013](#)  
- Size: 1 Kb - Modified: 26.06.2014 13:40:47
  - **Units:** ... (2)
  - **Years:** [2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, ... \(13\)](#)
- [Detrimental substances emitted in atmospheric air by road transport by substances, 2001-2013](#)  
- Size: 1 Kb - Modified: 07.07.2014 14:53:53
  - **Substances:** Liquid and solid detrimental substances-total, ... (4)
  - **Years:** [2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, ... \(13\)](#)
- [Emission of pollutants in atmospheric air by stationary sources of economic agents, in territorial aspect, 2008-2013](#)  
- Size: 3 Kb - Modified: 10.07.2014 10:29:09
  - **Districts/Regions:** Whole country, Municipality Chisinau, ..Municipality Balti, ... (39)
  - **Years:** [2008, 2009, 2010, 2011, 2012, 2013 \(6\)](#)
- [Emission of pollutants in atmospheric air by stationary sources of economic agents by ingredients, in territorial aspect, 2013](#)  
- Size: 3 Kb - Modified: 10.07.2014 11:40:57
  - **Districts/Regions:** Whole country, Municipality Chisinau, ..Municipality Balti, ... (39)
  - **Ingredients:** Total, Solid, Gaseous and liquid, Dioxide sulphur, ... (6)

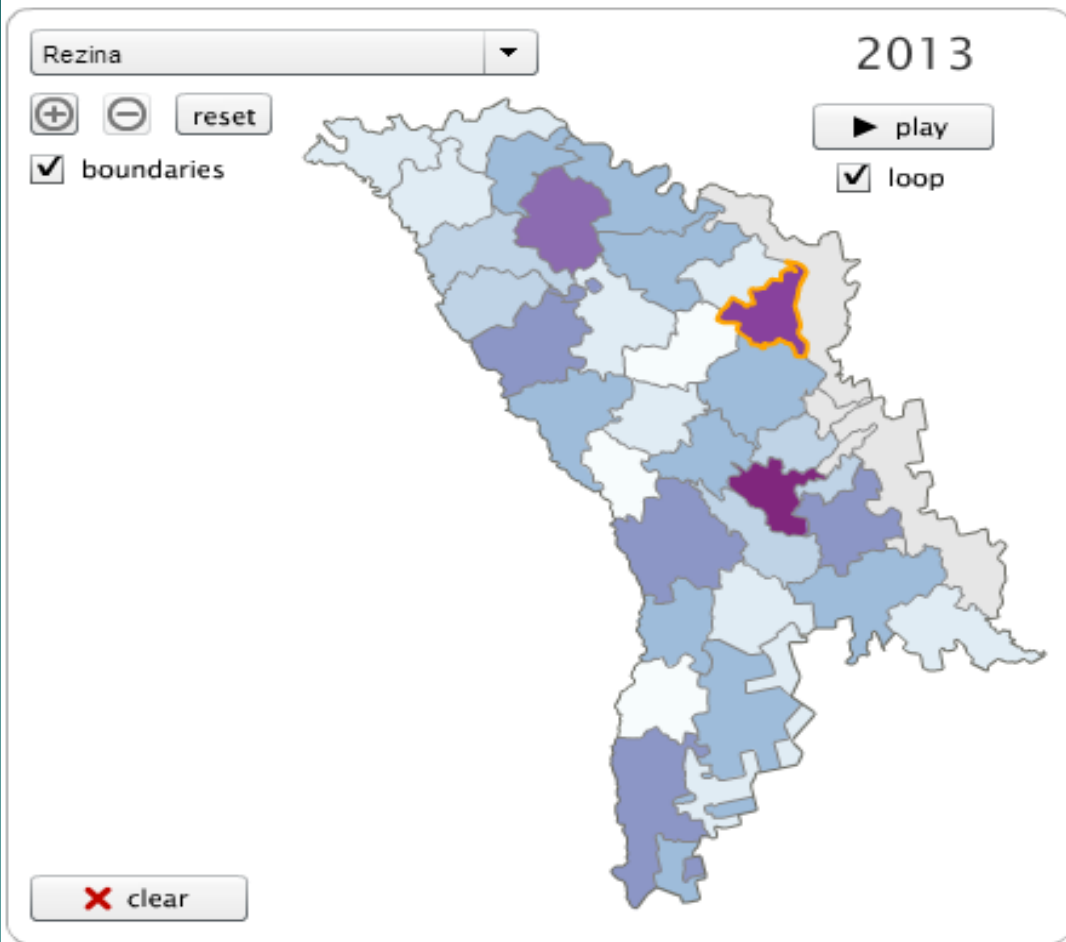
Last info updating and time series

# Using of interactive formats. Pollutant emissions to the atmosphere in the form of animated maps

Emission of polluted substances in atmospheric air

**Total substances**

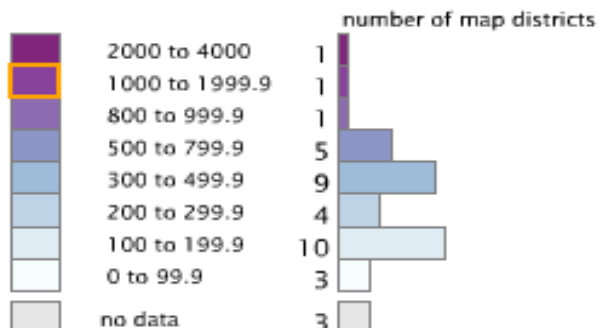
Republic of Moldova, 2007-2013



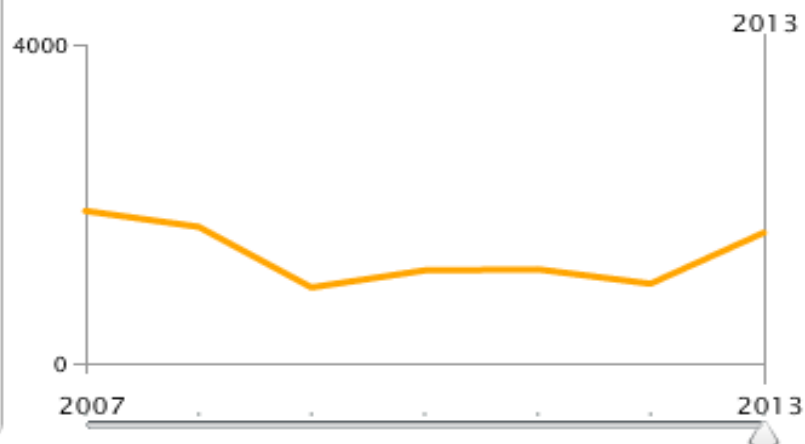
Map shows:

Total substances

Tonnes



Rezina (2013) = 1638.1



Rezina  
click and drag the map to move it or mouseover a district to see its data

Source: Statistics Moldova, Cadastre and Land Relations Agency.  
Note: Emission by stationary pollution sources of economic agents

Graphic by: ONS Data Visualisation Centre  
Office for National Statistics, UK



# Arrangement of indicator by thematic area

The screenshot shows the website of the National Bureau of Statistics of the Republic of Moldova. The header includes the logo of STATISTICA MOLDOVEI and the text 'Национальное Бюро Статистики Республики Молдова'. The main navigation bar contains links for 'Главная', 'Контакты', 'Пишите в адрес НБС', and 'Карта сайта'. The left sidebar lists various services like 'Пресс-релизы', 'Банк данных "StatBank"', and 'Переписи'. The main content area is titled 'География и окружающая среда' and lists several thematic areas with their respective indicators. Two indicators are circled in red: 'Статистика по отраслям' in the sidebar and 'Выбросы загрязняющих веществ в атмосферный воздух (2000-2013)' in the main content area. The right sidebar features a 'Банк статистических данных' section with a search bar and a 'Версия для печати' button.

STATISTICA MOLDOVEI

Национальное Бюро Статистики Республики Молдова

Среда, 22 октября 2014

Главная | Контакты | Пишите в адрес НБС | Карта сайта

Банк данных "StatBank"  
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Переписи  
Метаданные  
Стандарт ССРД МВФ  
Формы и классификаторы  
О НБС  
Прозрачность в процессе принятия решений  
Новости и события  
Полезные ссылки  
Вакансии

География и окружающая среда

География и административно-территориальное устройство

1. [Географическое положение Республики Молдова](#)
2. [Основные природные озера](#)
3. [Основные искусственные озера](#)
4. [Научные заповедники](#)
5. [Административно-территориальное устройство Республики Молдова на 1 января 2013 года](#)
6. [Основные реки](#)

Метеорология

1. [Температура воздуха \(среднемесячная и годовая\) \(2009-2012\)](#)
2. [Температура воздуха \(абсолютный месячный и годовой максимум\) \(2009-2012\)](#)
3. [Температура воздуха \(абсолютный месячный и годовой минимум\) \(2009-2012\)](#)
4. [Атмосферные осадки \(месячное и годовое количество\) \(2009-2012\)](#)
5. [Скорость ветра, продолжительность солнечного сияния \(2009-2012\)](#)
6. [Землетрясения наибольшей интенсивности \(2005-2012\)](#)

► Таблицы в [банке данных](#) (на рум.)

Использование воды

1. [Потребление \(использование\) воды \(2005-2012\)](#)
2. [Сброс сточных, шахтных и подземных дренажных вод в природные водоёмы \(2005-2012\)](#)

► Таблицы в [банке данных](#) (на рум.)

Охрана атмосферного воздуха

1. [Улавливание \(обезвреживание\) вредных веществ, отходящих от стационарных источников загрязнения атмосферного воздуха \(2005-2012\)](#)
2. [Выброс вредных веществ в атмосферный воздух стационарными источниками по ингредиентам \(2005-2012\)](#)
3. [Выброс некоторых специфических загрязняющих веществ в атмосферный воздух стационарными источниками \(2005-2012\)](#)
4. [Вредные вещества, выброшенные в атмосферный воздух автотранспортом \(2005-2012\)](#)
5. **[Выбросы загрязняющих веществ в атмосферный воздух \(2000-2013\)](#)**

► Таблицы в [банке данных](#) (на рум.)

Образование и использование отходов

1. [Бытовые отходы в городской местности \(2005-2012\)](#)

Банк статистических данных

Публикации

- » [Природные ресурсы и окружающая среда в Республике Молдова](#)

Методология

- » [Статистические определения](#)

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- » [UNECE Environment](#)
- » [EUROSTAT](#)
- » [United Nations Environment Programme \(UNEP\)](#)
- » [World Meteorological Organisation \(WMO\)](#)

# B3 Greenhouse gas (GHG) emissions

Indicator is produced by Ministry of Environment/Climate Change Office



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### News

The indicator is published on the web page of Climate Change Office [www.clima.md](http://www.clima.md). CCO is producing this indicator.

This month, the Obama administration announced new rules aimed at cutting carbon pollution from power stations by 30% from 2005 levels by 2030. Never before has a US president attempted to regulate carbon dioxide emissions from power stations and the move has been hailed by scientists and policymakers as an important step towards a global economy powered by clean energy.

954 Views,

#### 16.06.2014 - Upbeat end to Bonn climate talks paves way for further progress

The latest round of UN climate talks concluded in Bonn yesterday on an upbeat note, with a pledge that elements of a draft treaty aimed at curbing global warming would be circulated to the parties as early as July 15th.

### Meteo în Chişinău

Marti 21.10.14		+13°C Vînt. 1,2m/s
Miercuri 22.10.14		+12..+6°C Vînt. 2,0m/s
Joi 23.10.14		+15..+13°C Vînt. 4,5m/s

Meteo pentru 10 zile [meteo2.md](http://meteo2.md)







REPUBLIC OF MOLDOVA  
CLIMATE CHANGE



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- SURVEYS

Română English

- CLIMATE CHANGE – phenomenon background
- INTERNATIONAL FRAMEWORK
- NATIONAL FRAMEWORK
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    - National strategies and programmes

Home / NATIONAL FRAMEWORK / Official documents / Environmental indicators / Time series data on the indicators for 1990-2013, Table B-3: Greenhouse gas emissions of Moldova

Name of the indicator

## Time series data on the indicators for 1990-2013, Table B-3: Greenhouse gas emissions

Last update

21.10.2014 new

views: 20

- [Download Time series data on the indicators for 1990-2013, Table B-3: Greenhouse gas emissions \(GHG\): Republic of Moldova \(Excel, 46 KB\)](#)
- [Download B-3: Greenhouse gas emissions \(GHG\) \(PDF, 570 KB\)](#)
- [Download Glossary, abbreviations, legends and units of measurement \(PDF, 299 KB\)](#)

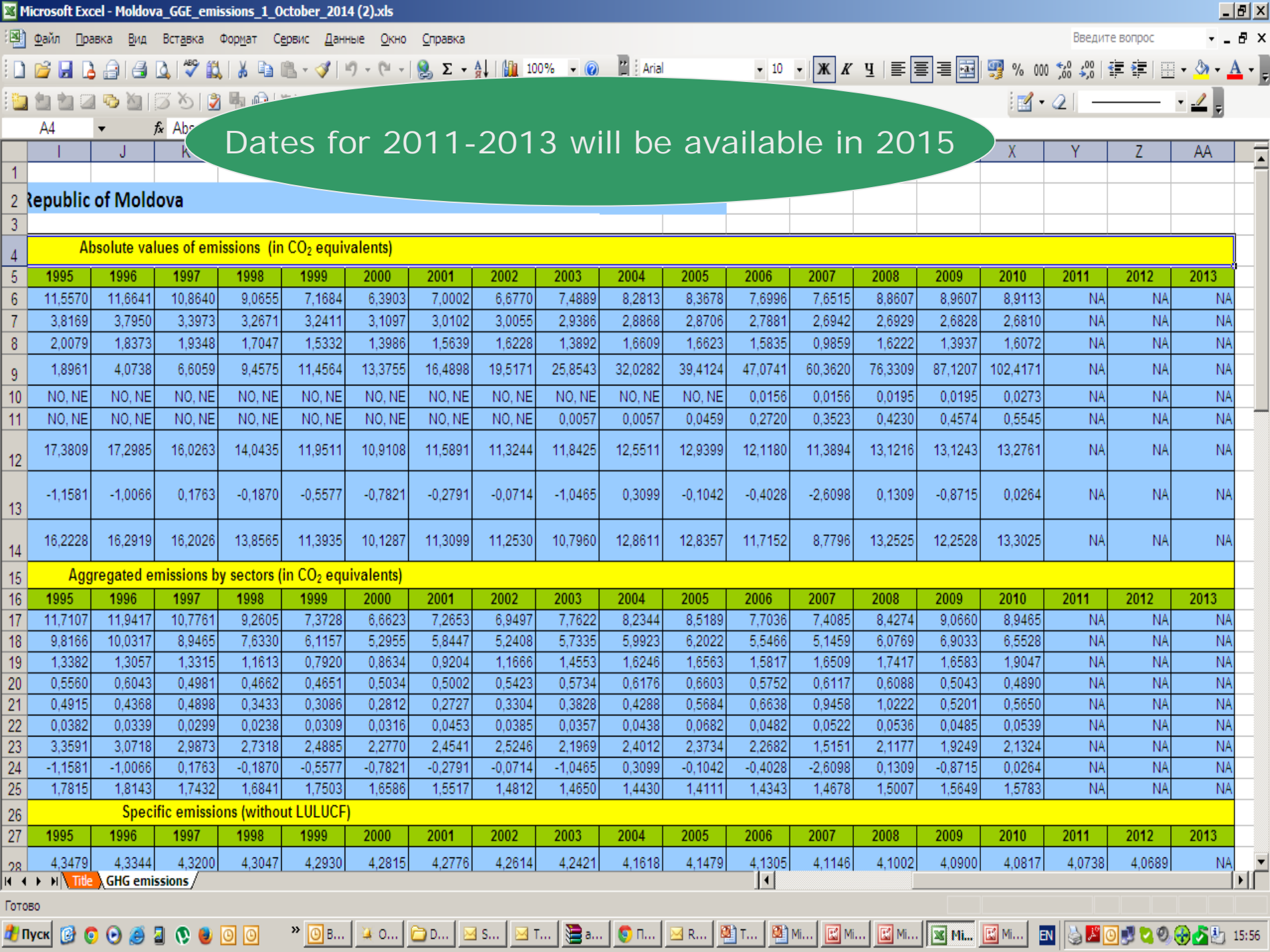
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Table with time series

Authority and the Clean Development Mechanism

Moldova\_GGE\_emission...xls



Dates for 2011-2013 will be available in 2015

Republic of Moldova

Absolute values of emissions (in CO<sub>2</sub> equivalents)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
6	11,5570	11,6641	10,8640	9,0655	7,1684	6,3903	7,0002	6,6770	7,4889	8,2813	8,3678	7,6996	7,6515	8,8607	8,9607	8,9113	NA	NA	NA
7	3,8169	3,7950	3,3973	3,2671	3,2411	3,1097	3,0102	3,0055	2,9386	2,8868	2,8706	2,7881	2,6942	2,6929	2,6828	2,6810	NA	NA	NA
8	2,0079	1,8373	1,9348	1,7047	1,5332	1,3986	1,5639	1,6228	1,3892	1,6609	1,6623	1,5835	0,9859	1,6222	1,3937	1,6072	NA	NA	NA
9	1,8961	4,0738	6,6059	9,4575	11,4564	13,3755	16,4898	19,5171	25,8543	32,0282	39,4124	47,0741	60,3620	76,3309	87,1207	102,4171	NA	NA	NA
10	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	0,0156	0,0156	0,0195	0,0195	0,0273	NA	NA	NA
11	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	NO, NE	0,0057	0,0057	0,0459	0,2720	0,3523	0,4230	0,4574	0,5545	NA	NA	NA
12	17,3809	17,2985	16,0263	14,0435	11,9511	10,9108	11,5891	11,3244	11,8425	12,5511	12,9399	12,1180	11,3894	13,1216	13,1243	13,2761	NA	NA	NA
13	-1,1581	-1,0066	0,1763	-0,1870	-0,5577	-0,7821	-0,2791	-0,0714	-1,0465	0,3099	-0,1042	-0,4028	-2,6098	0,1309	-0,8715	0,0264	NA	NA	NA
14	16,2228	16,2919	16,2026	13,8565	11,3935	10,1287	11,3099	11,2530	10,7960	12,8611	12,8357	11,7152	8,7796	13,2525	12,2528	13,3025	NA	NA	NA

Aggregated emissions by sectors (in CO<sub>2</sub> equivalents)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
17	11,7107	11,9417	10,7761	9,2605	7,3728	6,6623	7,2653	6,9497	7,7622	8,2344	8,5189	7,7036	7,4085	8,4274	9,0660	8,9465	NA	NA	NA
18	9,8166	10,0317	8,9465	7,6330	6,1157	5,2955	5,8447	5,2408	5,7335	5,9923	6,2022	5,5466	5,1459	6,0769	6,9033	6,5528	NA	NA	NA
19	1,3382	1,3057	1,3315	1,1613	0,7920	0,8634	0,9204	1,1666	1,4553	1,6246	1,6563	1,5817	1,6509	1,7417	1,6583	1,9047	NA	NA	NA
20	0,5560	0,6043	0,4981	0,4662	0,4651	0,5034	0,5002	0,5423	0,5734	0,6176	0,6603	0,5752	0,6117	0,6088	0,5043	0,4890	NA	NA	NA
21	0,4915	0,4368	0,4898	0,3433	0,3086	0,2812	0,2727	0,3304	0,3828	0,4288	0,5684	0,6638	0,9458	1,0222	0,5201	0,5650	NA	NA	NA
22	0,0382	0,0339	0,0299	0,0238	0,0309	0,0316	0,0453	0,0385	0,0357	0,0438	0,0682	0,0482	0,0522	0,0536	0,0485	0,0539	NA	NA	NA
23	3,3591	3,0718	2,9873	2,7318	2,4885	2,2770	2,4541	2,5246	2,1969	2,4012	2,3734	2,2682	1,5151	2,1177	1,9249	2,1324	NA	NA	NA
24	-1,1581	-1,0066	0,1763	-0,1870	-0,5577	-0,7821	-0,2791	-0,0714	-1,0465	0,3099	-0,1042	-0,4028	-2,6098	0,1309	-0,8715	0,0264	NA	NA	NA
25	1,7815	1,8143	1,7432	1,6841	1,7503	1,6586	1,5517	1,4812	1,4650	1,4430	1,4111	1,4343	1,4678	1,5007	1,5649	1,5783	NA	NA	NA

Specific emissions (without LULUCF)

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
28	4,3479	4,3344	4,3200	4,3047	4,2930	4,2815	4,2776	4,2614	4,2421	4,1618	4,1479	4,1305	4,1146	4,1002	4,0900	4,0817	4,0738	4,0689	NA





## Interpretation and trends

5 'Land Use...' the State Eco-... sources... presented for various reasons. Generally speaking, sources not accounted for this inventory are excluded due to data limitations. The National Inventory Team is continuously seeking to find the data required to estimate related emissions.

### Direct Greenhouse Gas Emission Trends

In 2010, the Republic of Moldova contributed with approximately 13.276 Mt CO<sub>2</sub> eq. to direct GHG emissions, which is 1.2 per cent increase over the 2009 emissions (13.124 Mt CO<sub>2</sub> eq.). In comparison with the base year level (43.260 Mt CO<sub>2</sub> eq.), by 2010, the Republic of Moldova has reduced its GHG emissions by 69.3% (Table S-1 and Figure S-1).

In comparison with the previous year, in 2010 the Republic of Moldova achieved an economic growth – the GDP increased approximately by 6.9 per cent.

This entailed an 5.4 per cent decrease in direct GHG intensity – the amount of GHG emitted per unit of economic activity, or in other words, overall quantity of national GHG emissions expressed in CO<sub>2</sub> equivalent divided by the real value of the GDP (in 2010, about 3.797 kg CO<sub>2</sub> eq. / US \$ of GDP updated to the level of 2005 year, respectively in 2009 about 4.014 kg CO<sub>2</sub> eq. / US \$ of GDP updated at the level of 2005 year).

From the table, it is evident that the 69.3 per cent decrease in GHG emissions over the last 20 years is in full consistency with a decrease in some important economic and social indicators: consumption of primary energy resources decreased by 77.9 per cent, electricity consumption – by 61.0 per cent, heat consumption – by 88.6 per cent, the GDP – by 41.3 per cent, population number – by 6.4 per cent, etc.

The significant reduction in national GHG emissions over the period since 1990 to 2010 is a consequence of the economic crisis characteristic for the transition to the market economy (1991-2000) in the Republic of Moldova after the breakup of the Soviet Union.

**Table S -1:** Republic of Moldova's total GHG Emissions and Accompanying Variables, 1990-2010

Indicators	1990	1995	2000	2005	2006	2007	2008	2009	2010
<b>Total GHG emissions, Mt CO<sub>2</sub> eq.</b>	<b>43.260</b>	<b>17.381</b>	<b>10.911</b>	<b>12.940</b>	<b>12.118</b>	<b>11.389</b>	<b>13.122</b>	<b>13.124</b>	<b>13.276</b>
Compared to 1990, %	100.0	-59.8	-74.8	-70.1	-72.0	-73.7	-69.7	-69.7	-69.3
% to the previous year		-16.9	-8.7	3.1	-6.4	-6.0	15.2	0.0	1.2
<b>GDP, billion 2005 US \$<sup>1</sup></b>	<b>5.961</b>	<b>2.390</b>	<b>2.123</b>	<b>2.989</b>	<b>3.132</b>	<b>3.228</b>	<b>3.478</b>	<b>3.270</b>	<b>3.497</b>
Compared to 1990, %	100.0	-59.9	-64.4	-49.9	-47.5	-45.9	-41.7	-45.1	-41.3
% to the previous year		-1.4	2.1	7.5	4.8	3.1	7.8	-6.0	6.9
<b>GHG intensity, kg CO<sub>2</sub> eq. / 2005 US\$ from GDP</b>	<b>7.257</b>	<b>7.272</b>	<b>5.140</b>	<b>4.330</b>	<b>3.870</b>	<b>3.529</b>	<b>3.773</b>	<b>4.014</b>	<b>3.797</b>
Compared to 1990, %	100.0	0.2	-29.2	-40.3	-46.7	-51.4	-48.0	-44.7	-47.7
% to the previous year		-15.7	-10.6	-4.1	-10.6	-8.8	6.9	6.4	-5.4
<b>Population, millions inhabitants<sup>2</sup></b>	<b>4.362</b>	<b>4.348</b>	<b>4.282</b>	<b>4.148</b>	<b>4.131</b>	<b>4.115</b>	<b>4.100</b>	<b>4.090</b>	<b>4.082</b>
Compared 1990, %	100.0	-0.3	-1.8	-4.9	-5.3	-5.7	-6.0	-6.2	-6.4
% to the previous year		-0.1	-0.3	-0.3	-0.4	-0.4	-0.3	-0.2	-0.2
<b>GHG per capita, tons CO<sub>2</sub> / per capita</b>	<b>9.918</b>	<b>3.998</b>	<b>2.548</b>	<b>3.120</b>	<b>2.934</b>	<b>2.768</b>	<b>3.200</b>	<b>3.209</b>	<b>3.253</b>
Compared 1990, %	100.0	-59.7	-74.3	-68.5	-70.4	-72.1	-67.7	-67.6	-67.2
% to the previous year		-16.8	-8.5	3.4	-6.0	-5.6	15.6	0.3	1.4

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
23	Real Historical Gross Domestic Product (GDP) in billions of 2010 dollars (Source: <a href="http://www.ers.usda.gov/data-products/international-macroeconomic-data-set.aspx#VC01dWeSixU">http://www.ers.usda.gov/data-products/international-macroeconomic-data-set.aspx#VC01dWeSixU</a> )	Billion internat. Dollars	9,8935	8,3106	5,8922	5,8215	4,0227	3,9663	3,7601	3,8202	3,5719	3,4505	3,5229	3,737
24	Aggregated GHG emissions per unit of GDP [Row 7 / row 23]	t CO <sub>2</sub> eq /1000 internat. Dollars	4,37	4,68	4,86	3,98	5,20	4,38	4,60	4,20	3,93	3,46	3,10	3,1

**Notes:**

If your country has adopted emission reduction target under the Kyoto Protocol and or at the national level, please present this information as a note:

The Republic of Moldova associated itself with the Copenhagen Accord... "Reduction of no less than 25% of the base national GHG emissions have to be achieved by 2020... with the Convention's provisions."



If your country has developed emission projections for GHGs, please present this information as a note:

The 'Projections of greenhouse gas emissions for the period until 2020' are presented in Chapter 4 of the Third National Communication of the Republic of Moldova under the UNFCCC (the document <http://unfccc.int/resource/docs/natc/mdanc3.pdf>), as well as in the 'Low Emissions Development Strategy of the Republic of Moldova to 2020' (the document is available on: <http://particip.gov.md/proiectview.php?l=ro&idd=929>).

**Notation keys used in the table above:**

The National Inventory Report of the Republic of Moldova for 1990-2010 period was reported to COP 19 in Warsaw, Poland on 21 November 2013 (the document is available on: <http://unfccc.int/resource/docs/natc/mdanir.pdf>). It is supposed that the next inventory cycle, covering the information since 1990 to 2012, will be finalised in the frame of preparation of the BU... Moldova under the UNFCCC, to be submitted by the end of 2015. Following this reason, in the table above for 2011-2013 period it was used the notation key 'not available' (NA). Other notation keys used in the table above: 'not estimated' (NE) and 'not occurring' (NO). In case on any clarification needs on information provided on 'Greenhouse Gas Emissions' please contact ([marius.taranu@mediu.gov.md](mailto:marius.taranu@mediu.gov.md)), National Inventory Team Leader, Climate Change Office, Ministry of Environment of the Republic of Moldova.

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# Progress made on sharing

*D-1 Protected areas*

*Produced by Ministry of Environment*

*Published in statistical publication  
"Natural Resources and Environment  
of Republic of Moldova" by National  
Bureau of Statistics*



# Resursele naturale și mediul în Republica Moldova

*Природные ресурсы и окружающая среда  
в Республике Молдова*



## 5. Biodiversitatea Биоразнообразие

### 5.1. Numărul și suprafața ariilor naturale protejate de stat în 2012

*Количество и площадь природных территорий, охраняемых государством в 2012 г.*

	Numărul	Количество	Suprafața, ha	Площадь, га
<b>Total</b>				
<i>Всего</i>	<b>307</b>		<b>161182</b>	
Rezervații științifice				
<i>Научные заповедники</i>	5		19378	
Monumentele naturii				
<i>Природные памятники</i>	1035		2907	
Rezervații naturale				
<i>Природные заповедники</i>	63		8009	
Rezervații peisajere				
<i>Ландшафтные заповедники</i>	41		34200	
Rezervații de resurse				
<i>Ресурсные заповедники</i>	13		523	
Arii cu management multifuncțional				
<i>Территории многофункционального использования</i>	32		1030	
Grădini dendrologice				
<i>Дендрологические сады</i>	2		104	
Monumente de arhitectură peisajeră				
<i>Памятники садово-паркового искусства</i>	21		305	
Grădini zoologice				
<i>Зоологические сады</i>	1		20	
Zone umede de importanță internațională				
<i>Водно-болотные угодья международного значения</i>	3		94706	

### 5.2. Rezervații științifice *Научные заповедники*



The indicator D1 as it is reflected in statistical publication "Natural Resources and Environment of Republic of Moldova" contains the information requested by JTFEI. Ministry of Environment and National Bureau of Statistics plan to start to use in the near future the recommended format of production of the indicator D1.



Data sets on indicators are also placed on Governmental Portal of Open Data [www.date.gov.md](http://www.date.gov.md)  
A live demonstration of Portal will be done during the presentation.

Databases



News

- 21.10.2014 WEEKLY OVERVIEW
- 15.10.2014 WEEKLY OVERVIEW
- 10.10.2014 WEEKLY OVERVIEW
- 30.09.2014 WEEKLY OVERVIEW
- 23.09.2014 WEEKLY OVERVIEW

Thank you!

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