



NATIONAL STATISTICAL COMMITTEE OF THE REPUBLIC OF BELARUS



# ENVIRONMENTAL PROTECTION IN THE REPUBLIC OF BELARUS

2010-2014

STATISTICAL BOOK



MINSK 2015



**NATIONAL STATISTICAL COMMITTEE  
OF THE REPUBLIC OF BELARUS**

# **ENVIRONMENTAL PROTECTION IN THE REPUBLIC OF BELARUS**

Statistical book

**Minsk**

2015

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The statistical book presents data on the state of the natural environment and impact of economic activity thereon for the years 2010 - 2014.

Intended for senior management, government agencies and financial and economic departments of organisations, research community, teaching staff, postgraduates and students of higher education institutions, and other interested users.

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## Foreword

The statistical book contains time series describing the state of the environment, availability and use of natural resources, conservation areas, environmental expenditure, etc. There is also the information on the zones of radioactive contamination resulted from the catastrophe at the Chernobyl Nuclear Power Plant.

In accordance with the System of Main Environmental Indicators of the Republic of Belarus, the book provides data on air protection, protection and rational use of water, land and forest resources.

Data are presented at the national and regional level including the city of Minsk; some indicators are given in a breakdown by districts and selected cities.

The information is sourced from the state statistical reporting compiled by the state statistics bodies, as well as from the official statistical data of the government authorities whose activities are connected with nature management, ecological monitoring and environmental protection (Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, Ministry of Forestry of the Republic of Belarus, Ministry of Agriculture and Food of the Republic of Belarus, Ministry of Health of the Republic of Belarus, State Property Committee of the Republic of Belarus, etc.).

In certain cases data for 2014 are provisional and may be revised in further issues.

### Explanation of symbols:

–	not applicable
...	data not available
0.0	negligible magnitude

Ratios are calculated on the basis of absolute figures with smaller units of measure than those presented in the tables.

In certain cases minor discrepancies between the total and the sum of its components result from data rounding.

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## METHODOLOGICAL NOTES

**Environment** is total components of natural environment, natural, natural anthropogenic as well as anthropogenic features.

**Components of natural environment** comprise earth (including soil), subsoil, water, atmospheric air, flora and fauna as well as ozone layer and near-Earth space that in combination provide favourable conditions for the existence of life on Earth.

**Environmental pollution** refers to the introduction into, presence and / or occurrence in the natural environment components, as a result of a detrimental effect on the environment, of a substance, physical factors (energy, noise, radiation, etc.), microorganisms, the properties, location or the quantity of which lead to negative changes in the physical, chemical, biological or other environmental indicators, including the exceeding of established standards in the field of environmental protection.

**Contaminant (pollutant)** is a substance or a mixture of substances, the introduction of which into the environment causes its pollution.

**Total environmental expenditure** is the amount of current environmental expenditure and fixed capital investment intended for environmental protection and rational use of natural resources.

**Fixed capital investment** includes total costs intended for acquisition, reproduction and creation of new fixed assets.

**Air polluting emissions** refer to the discharge of contaminants into the atmospheric air from sources of emission. Total air polluting emissions include polluting substances coming both from stationary and mobile sources.

**Stationary sources of emission** are sources of emission, the displacement of which is impossible without incommensurable detriment to their function. Stationary sources of emission are subdivided into organised and non-organised.

**Organised stationary sources of emission** refer to the sources equipped with the units allowing for localisation of air polluting emissions from sources of pollution.

**Non-organised stationary sources of emission** are sources that are not equipped with the units allowing for localisation of air polluting emissions from sources of pollution.

**Amount of pollutants from stationary sources of emission** includes both substances gathered in gas-collecting systems, irrespective of whether they are directed or not to gas-treatment units, and substances emitted directly into the air.

Pollutants from stationary sources do not include substances contained in technological gases and specially captured for production purposes.

**Amount of captured and detoxified air pollutants** includes all types of pollutants captured by and detoxified at gas-treatment plants out of the total volume of pollutants coming from stationary sources.

**Amount of utilized air pollutants** includes captured pollutants that are returned to production and utilized in industry or other sectors.

The **volume of air polluting emissions from mobile sources** is estimated by the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

**Mobile sources of emission** are transport vehicles and self-propelled machines equipped with engines the operation of which results in air polluting emissions.

Air polluting emissions from mobile sources are estimated in accordance with the Instruction on the procedure of recording of air polluting emissions from mobile sources, based on the amount of consumed fuels and data on the distribution of automotive vehicle fleet in use in the territory of the Republic of Belarus.

Air polluting emissions from stationary and mobile sources are recorded by individual substances (ingredients).

**Greenhouse emissions** are estimated by the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus using the IPCC guidelines.

**Greenhouse gases** are such gaseous components of the atmosphere, both of natural and anthropogenic origin, that absorb and reradiate infrared radiation. They comprise carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), dinitrogen monoxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulphur hexafluoride (SF<sub>6</sub>). Greenhouse gas emissions are recalculated in terms of carbon dioxide (CO<sub>2</sub>) equivalent.

**Water abstraction from natural sources for use** is water withdrawn from water bodies and groundwater resources to be further used for various purposes. This does not include water used for vessel lockage, fish passage, maintaining navigable depths, transit and mine water, as well as water passage through hydro-systems for electricity generation, etc.

**Water use** is the water withdrawn from natural sources or received from water supply systems of other water users, to be used for various purposes. Water in

circulating and recycling (successive) water supply systems, transit and mine water as well as reusable waste and drainage water are not included.

**Surface water use index** is the ratio of the volume of surface water withdrawals for use to the total annual river flow.

**Groudwater use index** is the ratio of the volume of groundwater extraction for use to the volume of its total operating reserves.

**Industrial water use** is the volume of water consumed for industrial (technical) purposes including fresh water recharge of circulating water systems.

**Pond fish farming water use** is the volume of water for filling fish-farming ponds.

**Water use for domestic and drinking purposes** is the volume of water consumed to meet drinking and domestic needs of the population and personnel of organisations.

**Water use for agricultural water supply** is the volume of water for industrial purposes of livestock units, poultry farms, repair facilities, maintenance of motor transport and machinery, field and pasture water supply and a number of other purposes.

**Water use for irrigation** is the volume of water supplied to irrigated area for vegetation watering and all types of non-vegetation watering (moisture supply, flushing, presowing).

**Water loss during transport** includes the volume of water lost as a result of filtration, evaporation, leakage and breakdowns in water-delivering systems between a point of withdrawal (abstraction) and a point of use or transfer. Losses do not include water transferred to outside users.

**Circulating and recycling (successive) water supply** refers to the volume of water circulating (used) in circulating and recycling (successive) water supply systems, including use of waste and drainage water. Circulating water supply does not include water in heat supply systems.

The share of circulating and recycling (successively used) water in total industrial water use is calculated as a ratio of circulating and recycling (successively used) water to the total volume consisting of this water and water abstracted (withdrawn) from natural sources and used for industrial purposes.

**Waste water disposal** includes the volumes of waste and other water discharged directly into water bodies, subsoil, groundwater (using agricultural sewage farms, filtration fields, underground filtration fields, filtration ditches, sand gravel filters,

and ground storage tanks) and other waste water receivers which are natural environments, as well as into municipal sewerage system. The total volume of waste water disposal includes waste water requiring no treatment, effluents treated to standard quality at treatment facilities, insufficiently treated waste water, and excludes the volume of transit and mine water.

**Damaged land** is land that has lost its natural and historical features, state and pattern of use due to the hazardous anthropogenic impact, and is in a condition that makes its initially designated use impossible.

**Forest stock land** is forest land and non-forest land within the boundaries of forest stock area allotted for forestry management.

**Forest land** is forest stock land covered with forest as well as not covered with forest but intended for its regeneration (cuttings, burned out areas, clearings, waste grounds, glades, lost timber stands, areas under nurseries, plantations and non-closed forest cultures) allotted for forestry management.

**Forest-covered land** is land of the forest stock covered with tree vegetation, either naturally growing or planted, and shrubs.

**Percent forest cover** is a ratio of the forest-covered area to the total land area of the country (region, district).

**Forest management** is the system of the forest inventory and recording, planning of activities designed for the rational and multipurpose use of forest stock; enhancement of forestry management efficiency; preservation of habitat-forming, water protective, protective, sanitary-hygienic, recreational and other forest functions; effective regeneration, preservation and protection of forest; and implementation of an integrated scientific and technological policy in forestry.

**Forest regeneration** is a set of activities designed to re-establish forest plantations on the land not covered with forest where forest was previously growing (reforestation), to improve the species composition of forests, to increase forest productivity and to enhance their habitat-forming, water-protective, protective, sanitary-hygienic, recreational and other functions.

**Reforestation** refers to re-establishing forest plantations in areas not covered with forest, where forest was previously growing (cuttings, burnt-out areas, lost timber stands, clearings, waste grounds, glades). Reforestation includes forest planting and sowing, assistance to the natural forest regeneration, and preservation of undergrowth.

**Forest planting** is planting of stock of one or several wood species for the purpose of establishing forest plantations (planting of seedlings, saplings, cuttings and other planting stock in regeneration areas).

**Forest seeding** is sowing of seeds of one or several wood species for the purpose of establishing forest plantations (sowing of tree seeds in regeneration areas irrespective of the method of sowing (manual, mechanised or air-seeding)).

**Assistance to natural forest regeneration** is the creation of favourable conditions for seeds growing, self-seeding and young growth under the forest canopy. Assisting to natural forest regeneration includes mechanical tillage (soil mineralisation); fencing of cutting areas allotted for felling and of cut-over patches; seeding of main wood species in the cultivated land on cut-over areas where the number of preserved undergrowth or specimens of natural regeneration is 1 000 to 4 000 plants per hectare; planting of main wood species in the quantity not exceeding 25% of the density of complete forest plantations under the relevant site conditions.

**Afforestation** is a set of activities designed to establish forest in the previously unforested areas.

**Felling stock** refers to the reserves of ripe and overripe stand intended for timber procurement.

**Allowable cut** is defined as the volume of annual timber procurement determined for final cutting. It is estimated on the basis of the ripe wood availability, regeneration rate, need for timber, and adherence to the principles of continuous and non-depleting forest use.

**Timber cut by all felling types** includes final, intermediate and other cutting.

**Final cutting** refers to cutting of ripe and overripe stands for timber procurement.

**Forest protection** is a system of measures designed to protect forest against pests and diseases and adverse environmental factors.

**Forest pest and disease control** is a set of measures designed to prevent forest damage by harmful organisms, and to extinguish pest and disease foci, mostly using biological or chemical method.

**Biological control of forest pests and diseases** is a release of predaceous and parasitic insects (entomophages) in pest affected areas; application of fungous, bacterial and virus preparations.

**Chemical control of forest pests and diseases** involves application of pesticides (toxic chemicals) in pest affected areas.

**Forest preservation** is a set of measures designed for forest fires prevention, their timely detection and extinguishing as well as for the protection of forest from



unauthorised cutting, contamination with waste water, chemical and radioactive substances, waste, from stealing and other forest damaging actions.

**Conservation areas** are the part of the territory of the Republic of Belarus with the unique, etalon or other valuable natural complexes and features that have special ecological, scientific and/ or aesthetic value, in respect to which special protection and use regulations are established.

**Nature reserve** is a conservation area designated as such for the purpose of preserving etalon and other high-value natural habitats and features, study of flora and fauna, natural ecosystems and landscapes, establishing of conditions for the natural course of processes in nature.

**National park** is a conservation area designated as such to restore and/ or preserve the unique, reference and other high-value natural habitats and features, and to serve for nature protection, research, educational, tourism and recreational purposes.

**Hunting area** is the area serving as habitat for game animals and used for hunting purposes and game husbandry management.

**Game husbandry expenditure** comprises amounts of money spent on the reproduction and protection of wild animals; organisation of hunting of game animals; wages of employees engaged in game husbandry management; renting of service premises; maintenance costs of hunter's houses, hunting centres, service premises and production buildings (heating, lighting, current repairs), access roads, transport; rent for hunting area use; depreciation allowances for restoration of fixed assets; costs of hunting management, maintenance of hunting dogs, decoy and hunting birds, horses; repairs of hunting guns; purchase of low value implements; clerical and other expenditures on game husbandry activities irrespective of the source of financing.

**Expenditure on biotechnical measures** comprises amounts of money spent on the reproduction and protection of wild animals to enhance the productivity of hunting areas. These measures include purchase, procurement and laying out of fodder for complementary feeding of wild animals; establishing of feeding sites, feeding water, artificial nests, construction of biotechnical facilities (fodder storehouses, saline and pebble stone sites, feedboxes, etc.); implementation of measures to control diseases of wild animals; transport and other expenses related to biotechnical measures.

**Earnings from game husbandry management** are amounts of money from shooting and capture of wild animals, sales of hunt products (meat, hides, horns, fangs), provision of services to hunters (transport, accommodation, special clothing, etc.), operation of hunting centres and boat stations.

**Wild animal population** is the number of animals of wild hoofed, fur-bearing and bird species on hunting areas estimated on the basis of inventories carried out in the reporting year.

**Freight turnover** is the volume of freight transportation. The unit of measure is tonne-kilometre, or carrying of 1 tonne of freight over a distance of 1 kilometre. It is measured as a sum of weights of each freight consignment in tonnes multiplied by the distance in kilometres.

**Passenger turnover** is the volume of passenger transportation. The unit of measure is passenger-kilometre, or conveying of one passenger over a distance of 1 kilometre. It is measured as a sum of number of passengers for each transportation multiplied by the distance in kilometers. Estimated separately for each mode of transport and type.

**Waste** refers to substances or objects generated in the process of economic and vital activities of humans and having no definite function at the place of generation or having fully or partially lost their consumption properties.

**Industrial waste** is waste generated in the process of economic activity of businesses and individual entrepreneurs (manufacture of goods, electricity generation, performing of work, provision of services), by- and associated products of extraction and processing of minerals.

**Hazardous waste** is waste containing substances with a hazardous property or properties, in such amounts and state, that this waste itself or when entering in contact with other substances, may pose a direct or potential danger to the environment, human health, or property due to its detrimental effect.

All hazardous waste is classified by the degree of its harmful effect on humans and the environment: extremely hazardous, especially hazardous (high-hazard), hazardous, and low-hazard waste.

**Waste utilization** is the use of waste for manufacturing products, electricity generation, performing works and provision of services.

**Waste disposal** comprises activities of temporary waste storage and transportation of waste to storage, burial, detoxification and / or utilization facilities.

**Consumption waste** is waste generated in the process of vital activity of humans not related to economic activity, waste generated in garage co-operatives, gardening societies and other consumer co-operatives, as well as street and yard sweep generated in public places of settlements.

# 1. GEOGRAPHIC CHARACTERISTICS OF THE REPUBLIC OF BELARUS

## 1.1. Main geographic characteristics

**Location of the Republic of Belarus:**  
Eastern Europe.

**Average annual population, 2014:**  
9 474.5 thous.

**Capital city:** Minsk.

**Area:** 207.6 thous. sq km

(forest land 42%; agricultural land 42%; surface water, including wetlands 6%; other land 10%).

**Extension:**

from North to South: 560 km,  
from West to East: 650 km.

**State frontier:**

with Lithuania and Latvia in the North;  
with Ukraine in the South;  
with Russian Federation in the East;  
with Poland in the West.

### Administrative division

Belarus has 6 regions with centres in Minsk, Brest, Vitebsk, Gomel, Grodno and Mogilev.

Each region is subdivided into districts, cities and other territorial and administrative-economic units.

### The highest point above sea level

345 metres (Dzerzhinskaya mountain, Dzerzhinsk district of Minsk region).

### The lowest place above sea level

80-90 metres (valley of the Neman river, Grodno region).

### Climate

Belarus has moderate climate, with mild and humid winters and warm and humid summers.



■ Land area, thous. sq km  
● Average annual population for 2014, thous.

**1.2. Main characteristics of largest rivers<sup>1)</sup>**

	Length, km		Catchment area, km <sup>2</sup>	
	total	within country's territory	total	within country's territory
Dnieper	2 145	700	504 000	118 360
Western Dvina	1 020	338	87 900	33 150
Neman	914	436	98 200	34 610
Western Bug	772	169	73 470	9 990
Pripyat	761	495	121 000	50 900
Sozh	648	493	42 140	21 700
Berezina	561	561	24 500	24 500
Viliya	510	276	25 100	10 920
Ptich	421	421	9 470	9 470
Shchara	300	300	6 730	6 730

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

**1.3. Main characteristics of largest reservoirs<sup>1)</sup>**

	Surface area, km <sup>2</sup>	Type of reservoir	Main function	Put into operation	Location (region, district)
<b>Western Dvina basin</b>					
Khorobrovka	31.97	lake-type	fish farming, recreation	1967	Vitebsk, Miory
Yezerishchenskoye	16.90	lake-type	flow regulation	1959	Vitebsk, Gorodok
<b>Western Bug basin</b>					
Belovezhskaya Pushcha	3.32	in-channel	nesting of wild birds, fish raising	1964 <sup>2)</sup>	Brest, Kamenets
Lukovskoye	5.40	lake-type off-channel	moistening, water supply of fish farm	1980	Brest, Malorita

Continued

	Surface area, km <sup>2</sup>	Type of reservoir	Main function	Year of commissioning	Location (region, district)
<b>Neman basin</b>					
Vileyskoye	63.80	in-channel	water supply for Minsk City, power generation, recreation	1974	Minsk, Vileyka
Zelvenskoye	11.90	in-channel	power generation, flow regulation	1983 <sup>2)</sup>	Grodno, Zelva
<b>Dnieper basin</b>					
Zaslavskoye	26.86	in-channel	flow regulation, recreation, water supply	1958	Minsk, Minsk
Osipovichskoye	11.87	in-channel	power generation, water supply of fish farm, irrigation	1953 <sup>2)</sup>	Mogilev, Osipovichy
Svetlogorskoye	14.10	off-channel	diversion of runoff, irrigation, recreation	1986	Gomel, Svetlogorsk
Chighirinskoye	21.19	in-channel	power generation, recreation	1960	Mogilev, Kirovsk
<b>Pripyat basin</b>					
Krasnoslobodskoye	23.65	in-channel	watering, water supply of fish farm	1973	Minsk, Soligorsk
Lyubanskoye	22.50	in-channel	moistening, water supply of fish farm	1966	Minsk, Lyuban and Staryie Dorogi
Pogost	16.16	lake-type off-channel	moistening, water supply of fish farm	1978	Brest, Pinsk
Selets	20.70	in-channel	moistening, water supply of fish farm	1986	Brest, Bereza
Soligorskoye	23.10	in-channel	water supply, watering	1967	Minsk, Soligorsk

<sup>1)</sup> Data of the research laboratory for limnology of the Belarusian State University.

<sup>2)</sup> Year when the reservoir filling began.

### 1.4. Main characteristics of largest lakes<sup>1)</sup>

	Area, km <sup>2</sup>	Depth, m		Location (region, district)
		maximum	average	
Naroch	79.6	24.8	8.9	Minsk, Myadel
Osveyskoye	52.8	7.5	2.0	Vitebsk, Verkhnedvinsk
Chervonoye	40.8	2.9	0.7	Gomel, Zhitkovichy
Lukomskoye	37.7	11.5	6.6	Vitebsk, Chashniki
Drivyaty	36.1	12.0	6.1	Vitebsk, Braslav
Vygonoshchanskoye	26.0	2.3	1.2	Brest, Ivatsevichy
Neshcherdo	24.6	8.1	3.4	Vitebsk, Rossony
Svir	22.3	8.7	4.7	Minsk, Myadel
Snudy	22.0	16.5	4.9	Vitebsk, Braslav
Chernoye	17.3	3.0	1.3	Brest, Bereza
Ezerishche	16.8	11.5	4.4	Vitebsk, Gorodok
Myadel	16.2	24.6	6.3	Minsk, Myadel
Lisno	15.7	6.1	2.6	Vitebsk, Verkhnedvinsk
Selyava	15.0	17.6	6.3	Minsk, Krupki
Myastro	13.1	11.3	5.4	Minsk, Myadel
Strusto	13.0	23.0	7.3	Vitebsk, Braslav
Richy	12.8	51.9	10.2	Vitebsk, Braslav
Losvido	11.4	20.2	7.2	Vitebsk, Gorodok
Lepelskoye	10.2	33.7	7.3	Vitebsk, Lepel

<sup>1)</sup> Data of the research laboratory for limnology of the Belarusian State University.

## 2. ENVIRONMENTAL PROTECTION EXPENDITURE

### 2.1. Total environmental expenditure

(at current prices; BYR billion)

	2010	2011	2012	2013	2014
Total environmental expenditure	2 001.8	3 467.3	6 117.1	7 077.2	7 559.7
of which:					
current environmental expenditure	1 586.9	2 719.7	5 233.8	6 113.7	6 298.3
of which:					
environmental protection expenditure	1 362.9	2 386.1	4 659.0	5 470.2	5 539.9
of which:					
protection and rational use of water resources	888.6	1 607.0	3 247.4	3 722.9	3 336.9
air protection	219.2	377.9	691.4	789.6	983.2
environmental protection against industrial pollution	217.2	357.0	614.1	792.3	1 024.4
capital repairs of fixed assets intended for environmental protection	37.3	44.8	114.2	119.1	171.7
maintenance of nature reserves and national parks	87.5	130.2	241.4	257.4	302.2
reproduction and conservation of wild animal species	7.6	9.9	28.9	30.4	33.8

Continued

	2010	2011	2012	2013	2014
suppression and relieving of the consequences of forest fires caused by population and businesses	0.2	0.1	0.1	0.0	0.1
research in the field of environmental protection	3.0	2.9	4.1	4.0	6.1
training of specialists in the field of environmental protection	44.9	69.5	114.5	133.8	157.0
functioning of environmental government authorities	43.5	76.2	71.6	98.8	87.5
fixed capital investment spent on environmental protection and rational use of natural resources	414.9	747.6	883.3	963.5	1 261.4
of which:					
protection and rational use of water resources	220.6	241.1	337.3	422.0	401.6
air protection	93.2	188.4	231.2	329.5	658.7
protection and rational use of land	83.0	104.3	240.7	148.1	147.0
Share of total environmental expenditure in GDP, %	1.2	1.2	1.2	1.1	1.0



**2.2. Total environmental expenditure**

(at constant prices; as percentage of previous year)

	2010	2011	2012	2013	2014
Total environmental protection expenditure	101.6	104.5	100.0	99.7	92.9
of which:					
current environmental expenditure	107.6	101.0	109.2	101.8	89.5
of which:					
environmental protection expenditure	107.5	102.1	110.9	103.4	89.8
of which:					
protection and rational use of water resources	108.9	105.5	114.8	100.9	79.5
air protection	109.6	100.6	104.0	100.5	110.4
environmental protection against industrial pollution	99.1	95.9	97.7	113.6	114.6
capital repairs of fixed assets intended for environmental protection	118.2	70.3	153.4	94.1	131.1
maintenance of nature reserves and national parks	130.6	92.5	99.6	82.2	73.3
reproduction and conservation of wild animal species	131.7	73.9	150.6	98.6	90.3

Continued

	2010	2011	2012	2013	2014
suppression and relieving of consequences of forest fires caused by population and businesses	17.8	54.0	41.0	23.7	224.9
research in the field of environmental protection	69.5	60.3	64.2	71.5	186.2
training of specialists in the field of environmental protection	109.2	104.2	103.5	98.8	99.4
functioning of environmental government authorities	77.7	114.5	51.8	99.3	69.2
fixed capital investment spent on environmental protection and rational use of natural resources	84.0	119.2	66.7	87.9	114.6
of which:					
protection and rational use of water resources	113.1	72.3	78.9	100.8	83.3
air protection	47.9	133.7	69.2	114.8	175.0
protection and rational use of land	92.9	83.2	130.1	49.6	86.9

### 2.3. Fixed capital investment spent on environmental protection and rational use of natural resources by regions and Minsk city

	2010	2011	2012	2013	2014
<b>BYR billion (at current prices)</b>					
Republic of Belarus	414.9	747.6	883.3	963.5	1 261.4
Region:					
Brest	127.4	212.7	50.5	96.4	114.2
Vitebsk	104.4	165.6	181.8	279.3	681.9
Gomel	17.7	86.5	218.2	208.5	111.5
Grodno	49.2	86.9	39.6	80.0	83.8
Minsk city	9.7	32.3	89.9	29.5	49.3
Minsk	94.8	159.2	224.5	223.5	188.1
Mogilev	11.7	4.4	78.7	46.4	32.7
<b>As % of total</b>					
Republic of Belarus	100	100	100	100	100
Region:					
Brest	30.7	28.5	5.7	10.0	9.1
Vitebsk	25.2	22.1	20.6	29.0	54.1
Gomel	4.3	11.6	24.7	21.6	8.8
Grodno	11.9	11.6	4.5	8.3	6.6
Minsk city	2.3	4.3	10.2	3.1	3.9
Minsk	22.8	21.3	25.4	23.2	14.9
Mogilev	2.8	0.6	8.9	4.8	2.6

### 3. ATMOSPHERIC AIR PROTECTION

#### 3.1. Main indicators of air polluting emissions

	2010	2011	2012	2013	2014
Air pollutants from stationary sources, thous. tonnes	3 240	3 171	3 124	3 332	4 108
Air polluting emissions – total, thous. tonnes	1 319	1 315	1 389	1 374	1 344
of which:					
from stationary sources	377	371	433	445	463
from mobile sources <sup>1)</sup>	942	944	956	928	881
Captured and detoxified air pollutants from stationary sources, thous. tonnes	2 863	2 800	2 691	2 887	3 646
Share of captured and detoxified air pollutants in total emissions from stationary sources, %	88	88	86	87	89
Reduction of air polluting emissions after emission-reducing activities, thous. tonnes	3	4	3	26	14

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

Continued

	2010	2011	2012	2013	2014
<b>As percentage of the previous year</b>					
Air pollutants from stationary sources	129.7	97.9	98.5	106.7	123.3
Air polluting emissions – total	82.7	99.7	105.6	98.9	97.8
of which:					
from stationary sources	82.5	98.4	116.7	102.8	104.0
from mobile sources	82.8	100.2	101.3	97.1	94.9
Captured and detoxified air pollutants from stationary sources	140.3	97.8	96.1	107.3	126.3
<b>As percentage of 2010</b>					
Air pollutants from stationary sources	100	97.9	96.4	102.8	126.8
Air polluting emissions – total	100	99.7	105.3	104.2	101.9
of which:					
from stationary sources	100	98.4	114.9	118.0	122.8
from mobile sources	100	100.2	101.5	98.5	93.5
Captured and detoxified air pollutants from stationary sources	100	97.8	94.0	100.8	127.3

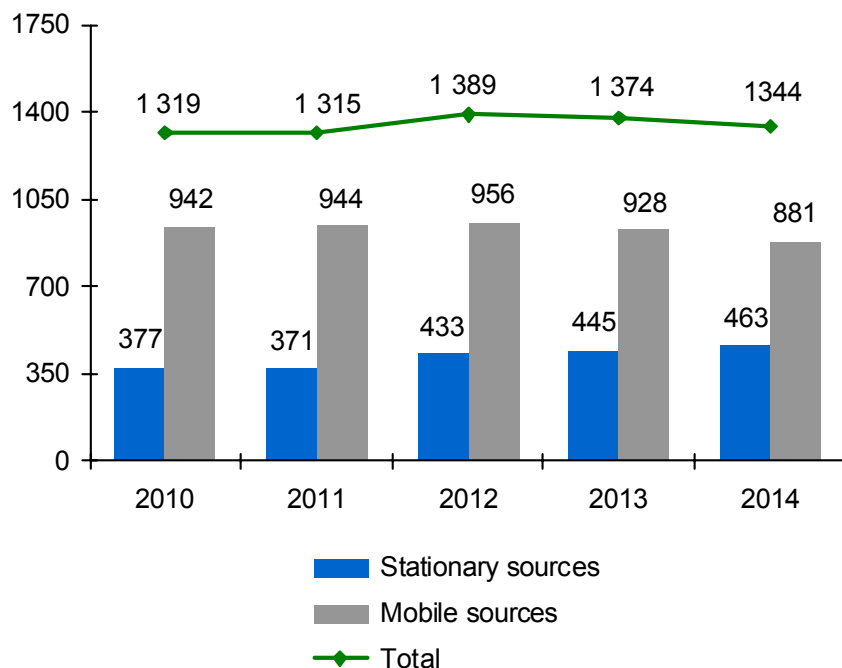
### 3.2. Air pollutants from stationary sources by regions and Minsk city

(thousand tonnes)

	2010	2011	2012	2013	2014
Republic of Belarus	3 239.7	3 170.8	3 124.2	3 332.0	4 108.5
Region:					
Brest	152.7	159.9	185.2	123.8	153.9
Vitebsk	217.4	215.8	239.6	222.2	214.5
Gomel	252.5	260.2	325.8	321.1	332.1
Grodno	351.1	349.9	340.1	708.6	831.4
Minsk city	84.2	79.7	83.7	86.5	76.2
Minsk	1 554.5	1 460.1	1 288.1	1 069.2	1 514.6
Mogilev	627.3	645.1	661.6	800.4	985.9

### 3.3. Dynamics of air polluting emissions from stationary and mobile sources

(thousand tonnes)



### 3.4. Air polluting emissions by regions and Minsk city

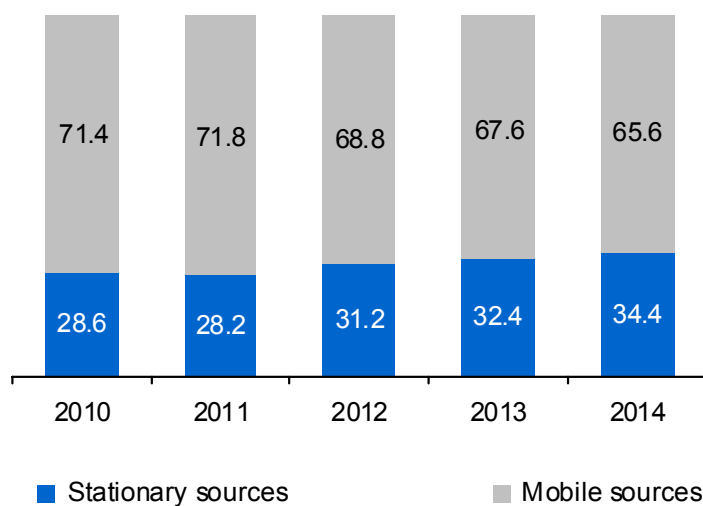
(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Air polluting emissions – total</b>					
Republic of Belarus	1 319.3	1 315.5	1 389.0	1 373.7	1 343.6
Region:					
Brest	170.5	176.2	168.6	177.6	179.6
Vitebsk	212.3	209.5	223.8	226.1	212.5
Gomel	211.8	209.3	222.1	225.9	215.3
Grodno	175.9	167.1	161.6	170.0	166.2
Minsk city	187.8	207.9	236.5	185.6	181.2
Minsk	230.0	220.1	242.5	253.5	256.3
Mogilev	131.0	125.3	133.8	134.9	132.5
<b>of which:</b>					
<b>from stationary sources</b>					
Republic of Belarus	377.1	371.1	433.2	445.3	462.8
Region:					
Brest	28.6	27.1	34.8	39.2	51.8
Vitebsk	94.4	92.2	110.4	105.8	102.5
Gomel	82.9	85.4	95.4	102.7	101.6
Grodno	44.7	43.9	48.3	53.2	58.8
Minsk city	30.9	25.7	26.6	25.1	23.5
Minsk	51.1	51.9	69.2	71.0	74.5
Mogilev	44.5	44.8	48.4	48.2	50.1
<b>from mobile sources<sup>1)</sup></b>					
Republic of Belarus	942.2	944.4	955.8	928.4	880.8
Region:					
Brest	141.9	149.1	133.8	138.4	127.8
Vitebsk	117.9	117.3	113.4	120.3	110.0
Gomel	128.9	123.9	126.7	123.2	113.7
Grodno	131.2	123.2	113.3	116.8	107.4
Minsk city	156.9	182.2	209.9	160.5	157.7
Minsk	178.9	168.2	173.3	182.5	181.8
Mogilev	86.5	80.5	85.4	86.7	82.4

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

### 3.5. Structure of air polluting emissions by source type

(as % of total air polluting emissions)



### 3.6. Share of air polluting emissions from mobile sources by regions and Minsk city

(as % of total air polluting emissions)

	2010	2011	2012	2013	2014
Republic of Belarus	71.4	71.8	68.8	67.6	65.6
Region:					
Brest	83.2	84.6	79.4	77.9	71.2
Vitebsk	55.5	56.0	50.7	53.2	51.8
Gomel	60.9	59.2	57.0	54.5	52.8
Grodno	74.6	73.7	70.1	68.7	64.6
Minsk city	83.5	87.6	88.8	86.5	87.0
Minsk	77.8	76.4	71.5	72.0	70.9
Mogilev	66.0	64.2	63.8	64.3	62.2



### 3.7. Air polluting emissions from stationary sources per inhabitant by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	40	39	46	47	49
Region:					
Brest	20	19	25	28	37
Vitebsk	77	76	91	88	85
Gomel	58	60	67	72	71
Grodno	42	41	46	50	56
Minsk city	17	14	14	13	12
Minsk	36	37	49	51	53
Mogilev	41	41	45	45	47

### 3.8. Air polluting emissions from stationary sources per square kilometre by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	1 817	1 788	2 087	2 145	2 229
Region:					
Brest	872	828	1 061	1 196	1 580
Vitebsk	2 359	2 302	2 758	2 643	2 560
Gomel	2 052	2 116	2 363	2 543	2 517
Grodno	1 777	1 746	1 924	2 117	2 340
Minsk city	100 775	83 853	76 353	72 198	67 517
Minsk	1 281	1 302	1 738	1 781	1 870
Mogilev	1 531	1 541	1 667	1 660	1 722

### 3.9. Air polluting emissions from mobile sources per inhabitant by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	99	100	101	98	93
Region:					
Brest	102	107	96	100	92
Vitebsk	96	96	94	100	92
Gomel	90	87	89	86	80
Grodno	123	116	107	111	102
Minsk city	85	97	111	84	82
Minsk	126	120	124	130	129
Mogilev	79	74	79	81	77

### 3.10. Air polluting emissions from mobile sources per square kilometre by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	4 539	4 549	4 604	4 472	4 243
Region:					
Brest	4 328	4 548	4 080	4 221	3 898
Vitebsk	2 944	2 928	2 832	3 004	2 747
Gomel	3 193	3 069	3 139	3 052	2 816
Grodno	5 221	4 905	4 509	4 648	4 274
Minsk city	511 075	593 446	603 135	461 207	453 161
Minsk	4 485	4 217	4 350	4 580	4 562
Mogilev	2 976	2 768	2 937	2 983	2 835

### 3.11. Air polluting emissions from stationary sources by selected ingredients by regions and Minsk city

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Total air polluting emissions</b>					
Republic of Belarus	377.1	371.1	433.2	445.3	462.8
Region:					
Brest	28.6	27.1	34.8	39.2	51.8
Vitebsk	94.4	92.2	110.4	105.8	102.5
Gomel	82.9	85.4	95.4	102.7	101.6
Grodno	44.7	43.9	48.3	53.2	58.8
Minsk city	30.9	25.7	26.6	25.1	23.5
Minsk	51.1	51.9	69.2	71.0	74.5
Mogilev	44.5	44.8	48.4	48.2	50.1
<b>of which: solid</b>					
Republic of Belarus	44.3	39.9	37.4	36.1	34.9
Region:					
Brest	5.4	4.7	4.5	4.3	4.3
Vitebsk	7.1	6.1	6.0	6.0	6.2
Gomel	6.6	5.7	5.5	5.5	5.4
Grodno	7.1	6.8	5.8	5.6	5.2
Minsk city	2.6	2.5	2.4	2.2	2.0
Minsk	9.0	8.2	7.4	6.9	6.4
Mogilev	6.5	5.8	5.8	5.7	5.5
<b>sulphur dioxide</b>					
Republic of Belarus	51.7	44.4	63.7	48.5	50.3
Region:					
Brest	2.5	1.4	2.1	1.2	1.3
Vitebsk	19.6	17.4	31.5	21.0	23.0
Gomel	18.9	18.3	19.6	19.9	19.8
Grodno	1.5	0.8	2.1	0.9	0.9
Minsk city	1.9	0.9	2.0	0.9	1.0
Minsk	5.4	4.2	4.5	3.3	2.4
Mogilev	1.9	1.3	1.9	1.3	1.9

Continued

	2010	2011	2012	2013	2014
<b>carbon monoxide</b>					
Republic of Belarus	75.1	73.9	78.6	81.9	80.9
Region:					
Brest	6.6	6.7	6.6	6.3	6.2
Vitebsk	12.8	12.0	12.8	14.5	14.4
Gomel	13.6	13.7	15.6	16.8	15.9
Grodno	9.5	9.9	8.7	8.3	8.8
Minsk city	11.2	11.5	11.0	10.1	10.3
Minsk	13.6	12.5	15.5	17.9	17.1
Mogilev	7.8	7.7	8.3	7.8	8.2
<b>nitrogen dioxide</b>					
Republic of Belarus	57.1	52.8	52.8	55.7	54.3
Region:					
Brest	4.0	3.8	3.5	3.0	3.8
Vitebsk	14.8	12.5	11.0	11.7	9.4
Gomel	10.3	9.1	9.7	10.0	9.1
Grodno	8.4	8.6	7.5	8.7	9.8
Minsk city	5.0	4.6	5.2	6.0	5.4
Minsk	5.9	5.7	6.5	5.8	6.4
Mogilev	8.7	8.5	9.5	10.4	10.5
<b>non-methane volatile organic compounds</b>					
Republic of Belarus	63.0	66.9	70.0	60.9	55.5
Region:					
Brest	1.7	1.6	2.2	2.2	2.4
Vitebsk	31.3	32.8	34.9	27.1	25.3
Gomel	16.4	16.6	16.5	14.8	13.6
Grodno	3.6	3.5	3.7	4.1	3.5
Minsk city	4.3	4.4	4.7	4.3	3.3
Minsk	2.9	3.2	3.6	4.1	3.5
Mogilev	2.8	4.8	4.5	4.4	3.9

Continued

	2010	2011	2012	2013	2014
<b>hydrocarbons</b>					
Republic of Belarus	53.6	63.8	99.9	125.8	149.1
Region:					
Brest	6.6	6.8	13.0	18.3	28.0
Vitebsk	3.4	6.3	9.4	19.2	18.7
Gomel	9.9	17.1	23.4	29.9	30.7
Grodno	8.5	8.9	14.9	19.4	23.8
Minsk city	4.5	0.9	0.5	0.6	0.5
Minsk	8.8	12.0	24.1	23.5	30.7
Mogilev	11.9	11.7	14.6	14.8	16.6
<b>nitrogen oxide</b>					
Republic of Belarus	6.5	5.9	6.2	6.5	6.0
Region:					
Brest	0.6	0.6	0.5	0.5	0.6
Vitebsk	2.1	1.7	1.3	1.5	1.1
Gomel	0.9	0.8	0.9	0.9	0.9
Grodno	0.5	0.5	0.6	0.7	0.6
Minsk city	0.7	0.6	0.7	0.9	0.8
Minsk	0.9	1.0	1.2	1.1	1.2
Mogilev	0.8	0.7	0.8	0.9	0.8
<b>other</b>					
Republic of Belarus	25.8	23.6	24.7	29.9	31.7
Region:					
Brest	1.2	1.6	2.3	3.5	5.3
Vitebsk	3.3	3.4	3.5	4.8	4.4
Gomel	6.3	4.2	4.2	4.8	6.1
Grodno	5.6	4.8	5.1	5.4	6.1
Minsk city	0.7	0.2	0.1	0.1	0.1
Minsk	4.6	5.3	6.4	8.4	6.9
Mogilev	4.1	4.3	3.0	2.9	2.7

### 3.12. Air polluting emissions from stationary sources from fuel combustion by selected ingredients by regions and Minsk city

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Total air polluting emissions</b>					
Republic of Belarus	112.9	91.6	96.0	90.1	83.0
Region:					
Brest	12.3	10.2	10.1	8.6	9.7
Vitebsk	28.7	22.3	22.6	21.5	20.6
Gomel	16.0	13.6	13.0	12.2	11.3
Grodno	9.4	8.4	9.7	8.2	7.3
Minsk city	9.0	7.4	8.9	8.8	7.9
Minsk	22.7	18.4	20.5	21.3	16.4
Mogilev	14.8	11.3	11.2	9.5	9.9
<b>of which: solid</b>					
Republic of Belarus	13.6	12.2	11.8	11.5	10.9
Region:					
Brest	2.1	1.8	1.7	1.8	1.7
Vitebsk	2.7	2.4	2.6	2.2	2.3
Gomel	1.7	1.5	1.5	1.7	1.7
Grodno	1.2	1.3	1.2	1.0	0.9
Minsk city	0.1	0.1	0.0	0.0	0.0
Minsk	3.0	3.0	2.8	2.8	2.4
Mogilev	2.8	2.2	2.0	2.0	1.9
<b>sulphur dioxide</b>					
Republic of Belarus	19.5	11.6	16.9	7.7	8.5
Region:					
Brest	2.1	1.0	1.7	0.8	0.9
Vitebsk	5.3	2.7	4.2	1.3	3.0
Gomel	3.2	2.1	2.2	1.1	0.9
Grodno	0.9	0.3	1.6	0.4	0.5
Minsk city	1.6	0.6	1.7	0.6	0.8
Minsk	4.9	3.8	4.1	2.9	1.9
Mogilev	1.5	1.0	1.4	0.6	0.6

Continued

	2010	2011	2012	2013	2014
<b>carbon monoxide</b>					
Republic of Belarus	36.2	30.5	31.7	33.8	28.8
Region:					
Brest	3.7	3.4	3.2	2.9	2.9
Vitebsk	6.8	6.2	6.9	7.9	7.9
Gomel	5.2	4.8	4.8	4.6	4.3
Grodno	3.6	3.7	3.6	3.0	2.8
Minsk city	2.4	2.2	2.0	1.9	1.7
Minsk	9.4	6.3	7.5	10.1	5.8
Mogilev	5.1	3.9	3.8	3.2	3.4
<b>nitrogen dioxide</b>					
Republic of Belarus	36.6	30.8	29.2	29.8	27.1
Region:					
Brest	3.5	3.3	2.8	2.4	3.2
Vitebsk	11.8	9.5	7.7	8.6	6.3
Gomel	5.2	4.2	3.8	3.8	3.3
Grodno	2.7	2.2	2.3	2.5	2.1
Minsk city	4.2	3.9	4.4	5.3	4.7
Minsk	4.7	4.3	5.1	4.2	4.5
Mogilev	4.5	3.4	3.2	3.0	3.0

### 3.13. Air polluting emissions from stationary sources from technological and other processes by selected ingredients by regions and Minsk city

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Total air polluting emissions</b>					
Republic of Belarus	264.2	279.4	337.2	355.2	379.8
Region:					
Brest	16.3	16.9	24.7	30.5	42.1
Vitebsk	65.7	69.9	87.8	84.4	82.0
Gomel	66.9	71.8	82.4	90.5	90.3
Grodno	35.3	35.4	38.6	45.0	51.5
Minsk city	21.9	18.3	17.7	16.4	15.6
Minsk	28.4	33.6	48.7	49.7	58.1
Mogilev	29.7	33.5	37.2	38.8	40.2
<b>of which: solid</b>					
Republic of Belarus	30.7	27.6	25.6	24.6	24.0
Region:					
Brest	3.3	2.9	2.8	2.5	2.6
Vitebsk	4.4	3.8	3.5	3.7	3.9
Gomel	4.9	4.2	4.0	3.8	3.7
Grodno	5.9	5.5	4.6	4.5	4.3
Minsk city	2.5	2.5	2.3	2.2	2.0
Minsk	6.0	5.1	4.7	4.1	4.0
Mogilev	3.7	3.7	3.7	3.7	3.5
<b>sulphur dioxide</b>					
Republic of Belarus	32.2	32.8	46.8	40.8	41.8
Region:					
Brest	0.4	0.4	0.4	0.4	0.4
Vitebsk	14.3	14.7	27.4	19.6	19.9
Gomel	15.7	16.2	17.4	18.8	18.9
Grodno	0.6	0.5	0.5	0.5	0.5
Minsk city	0.3	0.3	0.3	0.2	0.2
Minsk	0.5	0.3	0.4	0.5	0.5
Mogilev	0.4	0.4	0.4	0.7	1.4



Continued

	2010	2011	2012	2013	2014
<b>carbon monoxide</b>					
Republic of Belarus	38.9	43.4	46.9	48.1	52.1
Region:					
Brest	2.9	3.3	3.4	3.4	3.2
Vitebsk	6.0	5.9	5.9	6.6	6.5
Gomel	8.4	8.8	10.8	12.2	11.6
Grodno	5.9	6.2	5.2	5.3	6.0
Minsk city	8.8	9.3	9.1	8.2	8.7
Minsk	4.2	6.2	8.0	7.8	11.3
Mogilev	2.7	3.8	4.5	4.6	4.8
<b>nitrogen dioxide</b>					
Republic of Belarus	20.5	22.0	23.5	25.9	27.2
Region:					
Brest	0.5	0.5	0.6	0.6	0.5
Vitebsk	3.0	3.0	3.3	3.2	3.1
Gomel	5.1	4.9	6.0	6.2	5.8
Grodno	5.7	6.4	5.2	6.3	7.7
Minsk city	0.8	0.7	0.8	0.8	0.7
Minsk	1.2	1.4	1.5	1.6	1.9
Mogilev	4.2	5.1	6.3	7.4	7.5

### 3.14. Air polluting emissions from mobile sources by selected ingredients by regions and Minsk city

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Total air polluting emissions</b>					
Republic of Belarus	942.2	944.4	955.8	928.4	880.8
Region:					
Brest	141.9	149.1	133.8	138.4	127.8
Vitebsk	117.9	117.3	113.4	120.3	110.0
Gomel	128.9	123.9	126.7	123.2	113.7
Grodno	131.2	123.2	113.3	116.8	107.4
Minsk city	156.9	182.2	209.9	160.5	157.7
Minsk	178.9	168.2	173.3	182.5	181.8
Mogilev	86.5	80.5	85.4	86.7	82.4
<b>of which:</b>					
<b>carbon monoxide</b>					
Republic of Belarus	619.1	612.8	618.2	604.4	576.5
Region:					
Brest	91.3	95.0	84.3	88.1	81.2
Vitebsk	76.1	74.5	71.2	77.0	70.7
Gomel	83.3	79.0	80.2	78.2	71.7
Grodno	85.6	79.0	72.2	75.2	69.4
Minsk city	109.0	123.5	142.8	109.2	108.4
Minsk	117.3	110.2	113.0	120.7	121.3
Mogilev	56.5	51.7	54.6	56.0	53.8
<b>nitrogen dioxide</b>					
Republic of Belarus	99.9	104.9	105.7	101.7	95.1
Region:					
Brest	15.9	17.3	15.7	16.0	14.8
Vitebsk	13.0	13.7	13.4	13.7	12.4
Gomel	14.3	14.4	14.7	14.3	13.4
Grodno	14.2	14.1	13.0	13.2	12.0
Minsk city	14.2	18.1	20.4	15.8	15.0
Minsk	19.0	18.2	18.7	19.1	18.6
Mogilev	9.3	9.1	9.7	9.6	8.9

Continued

	2010	2011	2012	2013	2014
<b>sulphur dioxide</b>					
Republic of Belarus	2.6	2.7	2.7	0.3	0.2
Region:					
Brest	0.4	0.4	0.4	0.1	0.0
Vitebsk	0.3	0.3	0.3	–	–
Gomel	0.4	0.4	0.4	–	–
Grodno	0.4	0.4	0.3	–	–
Minsk city	0.4	0.5	0.6	0.1	0.1
Minsk	0.5	0.5	0.5	0.1	0.1
Mogilev	0.2	0.2	0.2	–	–
<b>hydrocarbons</b>					
Republic of Belarus	190.8	193.4	198.5	192.7	182.0
Region:					
Brest	29.4	31.2	28.6	29.4	27.3
Vitebsk	24.3	24.5	24.2	25.4	23.1
Gomel	26.6	25.9	26.8	26.2	24.4
Grodno	26.8	25.6	23.9	24.5	22.5
Minsk city	29.6	35.4	41.4	31.8	30.9
Minsk	36.4	34.1	35.7	37.2	36.7
Mogilev	17.7	16.7	17.9	18.2	17.1
<b>soot</b>					
Republic of Belarus	29.8	30.5	30.8	29.3	27.0
Region:					
Brest	4.9	5.2	4.9	4.8	4.5
Vitebsk	4.2	4.1	4.3	4.2	3.8
Gomel	4.3	4.3	4.7	4.5	4.2
Grodno	4.2	4.2	3.9	3.9	3.5
Minsk city	3.7	4.7	4.6	3.6	3.3
Minsk	5.7	5.3	5.5	5.4	5.1
Mogilev	2.8	2.7	2.9	2.9	2.6

### 3.15. Air polluting emissions from stationary sources by economic activity

(thousand tonnes)

	2010	2011	2012	2013	2014
Total	377.1	371.1	433.2	445.3	462.8
of which:					
agriculture, hunting and forestry	49.5	66.8	99.5	127.4	157.2
mining	8.3	7.9	7.2	9.8	6.7
of which:					
extraction of fossil fuels	6.1	5.9	5.3	7.9	4.9
extraction of minerals other than fossil fuels	2.2	2.0	1.9	1.9	1.8
manufacturing	186.9	187.6	206.5	192.7	189.7
of which:					
manufacture of food, including beverages, and tobacco	17.4	15.5	16.4	19.4	18.2
manufacture of textiles and textile articles	5.2	4.6	3.6	3.2	3.3
manufacture of leather, articles of leather and footwear	0.7	0.7	0.7	0.7	0.7
processing of wood; manufacture of products of wood	4.8	4.5	4.0	3.7	4.6
manufacture of pulp and paper; publishing	2.7	2.5	2.4	1.8	1.7
manufacture of coke, petroleum products and nuclear materials	71.9	73.8	88.3	84.4	82.6

Continued

	2010	2011	2012	2013	2014
manufacture of chemicals and chemical products	24.0	23.9	27.4	15.4	14.7
manufacture of rubber and plastics products	2.2	2.8	2.1	2.3	1.8
manufacture of other non-metallic mineral products	25.6	26.6	25.8	29.3	30.7
manufacture of basic metals and fabricated metal products	10.0	9.5	12.1	10.6	10.9
manufacture of machinery and equipment	11.6	12.6	13.9	12.8	11.7
manufacture of electrical, electronic and optical equipment	1.4	1.3	1.4	1.5	1.3
manufacture of transport vehicles and equipment	5.7	6.1	5.0	4.6	4.4
other manufacture	3.7	3.0	3.3	3.2	3.1
electricity, gas and water supply	88.8	71.4	80.7	72.1	72.3
construction	11.9	9.3	8.6	6.9	7.0
trade; repair of motor vehicles and household and personal goods	2.9	4.2	3.4	3.4	1.9
transport and communications	21.0	15.8	17.1	25.8	22.0
community, social and personal services	3.2	3.2	3.2	3.5	3.0

### 3.16. Air polluting emissions from stationary sources by selected cities

(thousand tonnes)

	2010	2011	2012	2013	2014
Baranovichy	1.9	1.7	1.7	2.7	1.5
Bobruysk	7.6	6.7	6.5	6.0	5.3
Borisov	2.3	2.3	2.8	2.9	2.8
Brest	2.9	3.0	3.5	3.7	3.3
Vitebsk	3.7	4.9	4.8	3.8	3.6
Gomel	11.3	8.8	9.2	7.2	8.6
Grodno	11.5	10.7	11.9	10.6	10.0
Zhlobin	6.4	6.3	9.0	8.9	9.1
Zhodino	1.9	1.6	1.7	1.5	1.1
Lida	1.9	2.1	2.5	2.6	2.1
Minsk city	30.9	25.7	26.6	25.1	23.5
Mogilev	6.5	6.9	6.8	6.5	5.6
Mozyr	0.5	0.4	0.5	0.5	1.8
Molodechno	1.7	1.7	1.6	1.3	1.1
Novopolotsk	50.3	51.2	67.8	53.5	52.0
Orsha	3.6	3.2	3.6	2.0	2.0
Pinsk	2.3	1.6	1.5	1.4	1.1
Polotsk	2.0	1.7	1.7	2.0	2.3
Rechitsa	2.3	1.5	1.4	1.0	1.2
Svetlogorsk	3.3	2.6	2.8	2.4	2.7
Slutsk	3.7	3.4	3.7	3.3	2.9

### 3.17. Air polluting emissions from stationary sources by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	377.1	371.1	433.2	445.3	462.8
<b>Brest region</b>	28.6	27.1	34.8	39.2	51.8
Brest, city of	2.9	3.0	3.5	3.7	3.3
District:					
Baranovichy	3.1	2.9	3.5	3.4	4.8
Bereza	3.3	2.3	3.7	2.4	4.9
Brest	1.8	2.0	2.0	1.8	2.3
Gantsevichy	0.2	0.2	0.2	0.2	0.7
Drogichin	0.6	0.5	1.9	2.7	2.5
Zhabinka	2.0	2.4	2.6	2.6	3.0
Ivanovo	0.8	1.0	3.4	3.2	3.3
Ivatsevichy	1.4	1.3	2.1	2.4	3.1
Kamenets	2.1	2.4	2.5	2.9	3.9
Kobrin	1.8	1.6	2.0	1.7	3.1
Luninets	1.9	1.8	1.8	3.6	3.3
Lyakhovichy	0.8	0.8	1.1	1.4	2.2
Malorita	0.3	0.3	0.4	1.1	1.6
Pinsk	3.7	3.0	2.6	3.9	3.9
Pruzhany	1.2	1.0	0.9	1.5	4.0
Stolin	0.7	0.6	0.6	0.5	1.8

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	94.4	92.2	110.4	105.8	102.5
Vitebsk, city of	3.7	4.9	4.8	3.8	3.6
District:					
Beshenkovichy	0.5	0.4	0.4	0.5	0.5
Braslav	0.8	0.8	0.6	2.3	1.6
Verkhnedvinsk	0.6	0.9	1.2	1.6	2.1
Vitebsk	2.1	3.4	4.0	4.1	3.9
Glubokoye	1.1	1.4	1.4	2.4	2.1
Gorodok	0.9	0.9	1.0	1.5	1.7
Dokshitsy	0.7	0.7	0.8	1.1	1.3
Dubrovno	0.4	0.7	0.8	1.8	1.8
Lepel	0.8	0.8	0.9	1.4	1.3
Liozno	0.5	0.3	0.9	1.2	1.5
Miory	0.5	0.4	0.5	1.7	1.6
Orsha	5.7	5.8	6.6	8.0	7.5
Polotsk	53.5	54.4	71.3	57.5	56.1
Postavy	1.3	1.2	1.3	1.3	1.3
Rossony	0.5	0.3	0.4	0.5	0.5
Senno	0.7	0.6	0.8	0.9	1.0
Tolochin	1.2	0.7	0.7	1.6	1.6
Ushachy	0.4	0.4	0.4	0.8	0.8
Chashniki	16.8	11.7	10.0	9.5	8.4
Sharkovshchina	0.2	0.2	0.2	0.3	0.7
Shumilino	1.5	1.3	1.3	2.1	1.9



Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	82.9	85.4	95.4	102.7	101.6
Gomel, city of	11.3	8.8	9.2	7.2	8.6
District:					
Bragin	0.1	0.4	0.7	0.8	0.9
Buda-Koshelyovo	0.5	1.0	1.9	3.3	3.6
Vetka	0.3	0.7	1.6	1.6	1.8
Gomel	6.1	4.3	5.2	7.0	5.4
Dobrush	0.7	0.6	1.5	2.0	2.1
Yelsk	0.2	0.2	0.2	0.2	0.8
Zhitkovichy	1.2	1.0	1.2	1.8	2.5
Zhlobin	8.3	10.8	13.1	12.5	11.5
Kalinkovichy	1.4	1.4	1.3	1.8	1.9
Korma	0.4	0.6	0.6	1.7	1.6
Lelchitsy	0.4	0.3	0.2	0.2	1.8
Loyev	0.6	0.5	1.0	0.9	0.9
Mozyr	34.4	37.0	38.3	38.4	38.2
Narovlya	0.2	0.2	0.2	0.5	0.4
Oktyabrsky	0.5	0.3	0.6	1.0	1.3
Petrikov	0.8	0.8	0.8	1.7	1.3
Rechitsa	6.6	6.7	7.1	8.5	6.0
Rogachev	2.6	3.3	3.5	3.6	3.7
Svetlogorsk	5.4	4.7	5.3	5.6	5.0
Khoyniki	0.6	1.0	0.9	1.3	0.8
Chechersk	0.3	0.8	1.0	1.3	1.3

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	44.7	43.9	48.3	53.2	58.8
Grodno, city of	11.5	10.7	11.9	10.6	10.0
District:					
Berestovitsa	0.6	0.7	0.8	0.8	1.2
Volkovysk	8.1	8.6	7.6	10.2	10.9
Voronovo	0.8	0.7	0.9	1.8	1.4
Grodno	5.6	3.9	4.9	5.1	6.9
Dyatlovo	0.3	0.5	0.3	0.4	0.5
Zelva	0.6	0.6	0.6	0.5	1.1
Ivye	0.6	0.6	0.7	0.6	0.6
Korelichy	1.1	1.2	1.4	1.9	2.0
Lida	5.1	5.3	5.4	5.1	5.1
Mosty	0.7	0.6	1.7	1.7	2.4
Novogrudok	1.2	1.0	0.9	1.1	1.2
Ostrovets	0.5	0.5	1.0	0.3	0.4
Oshmyany	0.7	0.8	0.6	0.8	0.9
Svisloch	0.5	0.5	1.2	1.3	1.3
Slonim	4.5	4.2	4.1	5.0	5.9
Smorgon	1.4	1.3	1.9	2.7	3.6
Shchuchin	0.9	2.4	2.4	3.4	3.5

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	30.9	25.7	26.6	25.1	23.5
<b>Minsk region</b>	51.1	51.9	69.2	71.0	74.5
District:					
Berezino	0.7	2.2	2.3	2.5	1.9
Borisov	4.4	4.0	4.6	4.3	4.7
Vileyka	2.3	2.7	2.7	2.6	1.5
Volozhin	1.0	0.9	1.5	0.9	1.1
Dzerzhinsk	2.0	2.2	2.3	2.3	1.6
Kletsk	1.9	1.7	2.3	2.1	3.0
Kopyl	0.9	0.9	1.1	1.3	2.0
Krupki	1.7	2.7	3.0	3.3	3.2
Logoyisk	0.8	0.6	1.3	1.9	1.6
Lyuban	1.7	1.4	1.1	2.1	4.9
Minsk	4.8	4.1	7.2	9.8	9.9
Molodechno	2.7	3.0	2.8	2.6	2.8
Myadel	1.2	1.0	0.9	0.7	0.6
Nesvizh	3.8	5.9	8.2	8.6	9.1
Pukhovichy	3.7	3.5	4.3	3.4	4.4
Slutsk	4.2	3.7	5.9	4.9	5.4
Smolevichy	3.6	3.7	4.4	3.8	3.4
Soligorsk	6.8	5.4	7.5	7.5	7.3
Staryie Dorogi	0.4	0.3	1.7	1.7	1.7
Stolbtsy	1.1	0.9	2.9	3.0	2.7
Uzda	0.8	0.6	0.6	0.7	0.8
Cherven	0.6	0.4	0.7	0.8	0.9

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	44.5	44.8	48.4	48.2	50.1
Mogilev, city of	6.5	6.9	6.8	6.5	5.6
District:					
Belynychy	0.6	0.7	0.7	0.7	1.2
Bobruysk	8.2	7.2	7.1	6.5	5.7
Bykhov	1.3	1.1	1.2	1.2	1.1
Glusk	0.8	0.6	0.6	0.4	0.7
Gorki	0.6	0.6	1.1	0.7	1.2
Dribin	0.8	0.7	0.7	0.6	0.6
Kirovsk	1.0	1.1	1.4	1.5	1.5
Klimovichy	0.5	0.5	0.5	0.6	0.6
Klichev	0.5	0.6	1.5	1.6	1.6
Kostyukovichy	3.3	3.2	4.7	5.5	6.3
Krasnopolye	0.9	0.9	0.9	0.9	0.9
Krichev	5.0	5.5	5.7	6.8	7.6
Krugloye	0.5	0.4	0.3	0.4	0.5
Mogilev	2.6	3.0	3.0	2.6	3.1
Mstislavl	0.3	0.4	0.4	0.4	0.4
Osipovichy	8.1	6.7	5.6	5.9	5.1
Slavgorod	0.3	0.5	0.5	0.5	0.4
Khotimsk	0.2	0.5	0.1	0.2	0.2
Chausy	0.8	0.7	0.7	0.4	0.5
Cherikov	0.7	0.3	0.3	0.5	0.5
Shklov	1.0	2.7	4.7	3.9	4.7

### 3.18. Air polluting emissions from stationary sources by regions, cities and districts in 2010

(thousand tonnes)



Polluting emissions from stationary sources, thousand tonnes:  
districts                      Minsk city, towns of regional subordination



### 3.19. Air polluting emissions from stationary sources by regions, cities and districts in 2014

(thousand tonnes)



**Polluting emissions from stationary sources, thousand tonnes:**  
**districts**                      **Minsk city, towns of regional subordination**



### 3.20. Air polluting emissions from stationary sources per inhabitant by selected cities

(kilogrammes)

	2010	2011	2012	2013	2014
Baranovichy	11	10	10	15	8
Bobruysk	36	31	30	28	24
Borisov	16	15	19	20	19
Brest	9	9	11	11	10
Vitebsk	10	14	13	10	10
Gomel	23	18	18	14	16
Grodno	34	31	34	30	28
Zhlobin	85	84	119	118	121
Zhodino	30	26	28	25	18
Lida	20	22	25	26	21
Minsk City	17	14	14	13	12
Mogilev	18	19	19	18	15
Mozyr	4	4	4	5	16
Molodechno	18	18	17	14	12
Novopolotsk	480	485	636	498	481
Orsha	30	27	31	17	17
Pinsk	17	12	11	11	8
Polotsk	23	20	20	23	27
Rechitsa	35	24	22	16	19
Svetlogorsk	47	38	40	34	40
Slutsk	60	55	60	53	46

### 3.21. Captured and detoxified air pollutants from stationary sources by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Thousand tonnes</b>					
Republic of Belarus	2 862.6	2 799.7	2 691.0	2 886.7	3 645.7
Region:					
Brest	124.1	132.8	150.4	84.6	102.1
Vitebsk	123.0	123.7	129.2	116.4	112.0
Gomel	169.6	174.8	230.4	218.4	230.5
Grodno	306.4	306.1	291.8	655.4	772.6
Minsk city	53.3	53.9	57.1	61.4	52.7
Minsk	1 503.4	1 408.2	1 218.9	998.3	1 440.1
Mogilev	582.8	600.3	613.2	752.2	935.8
<b>As percentage of total air pollutants from stationary sources</b>					
Republic of Belarus	88.4	88.3	86.1	86.6	88.7
Region:					
Brest	81.3	83.0	81.2	68.3	66.3
Vitebsk	56.5	57.3	53.9	52.4	52.2
Gomel	67.2	67.2	70.7	68.0	69.4
Grodno	87.3	87.5	85.8	92.5	92.9
Minsk city	63.3	67.7	68.3	71.0	69.2
Minsk	96.7	96.4	94.6	93.4	95.1
Mogilev	92.9	93.1	92.7	94.0	94.9



### 3.22. Captured and detoxified air pollutants from stationary sources by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	2 862.6	2 799.7	2 691.0	2 886.7	3 645.7
<b>Brest region</b>	124.1	132.8	150.4	84.6	102.1
Brest, city of	2.3	2.3	2.1	1.7	1.5
District:					
Baranovichy	16.0	16.5	14.5	11.9	11.6
Bereza	1.9	3.2	3.7	1.2	10.7
Brest	0.0	0.0	0.0	0.0	0.2
Gantsevichy	0.1	0.0	0.0	0.0	0.1
Drogichin	0.4	0.4	0.5	0.6	1.0
Zhabinka	22.0	26.6	21.5	1.4	1.9
Ivanovo	3.7	3.0	2.7	2.1	1.6
Ivatsevichy	12.7	12.6	11.9	17.0	24.2
Kamenets	2.4	0.6	1.9	1.9	2.5
Kobrin	12.3	12.3	12.3	0.4	2.3
Luninets	2.6	2.2	2.0	1.9	6.3
Lyakhovichy	38.3	43.0	43.0	33.2	25.3
Malorita	1.6	2.0	1.5	1.2	1.2
Pinsk	5.7	5.4	4.3	7.8	10.5
Pruzhan'y	1.1	1.7	1.6	1.5	0.7
Stolin	1.0	1.0	26.9	0.8	0.5

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	123.0	123.7	129.2	116.4	112.0
Vitebsk, city of	53.6	53.6	53.7	54.8	54.7
District:					
Beshenkovichy	0.2	0.1	0.1	0.1	0.1
Braslav	1.2	1.4	0.6	0.6	0.5
Verkhnedvinsk	0.3	0.8	0.8	1.2	0.7
Vitebsk	4.4	1.7	2.4	0.5	2.1
Glubokoye	4.9	4.1	6.2	7.3	7.5
Gorodok	0.5	0.3	0.2	0.2	0.4
Dokshitsy	2.4	0.4	0.3	0.2	0.3
Dubrovno	0.7	0.3	0.3	0.2	0.2
Lepel	1.3	1.1	0.8	1.0	0.8
Liozno	0.2	0.1	0.6	0.5	0.9
Miory	0.7	0.5	0.5	0.5	0.3
Orsha	10.8	13.3	12.9	10.7	10.6
Polotsk	22.1	16.2	23.6	16.8	16.8
Postavy	0.8	0.9	2.2	3.9	4.4
Rossony	0.5	0.3	0.3	0.4	0.3
Senno	0.4	0.2	0.2	0.0	0.2
Tolochin	2.5	7.9	11.4	3.7	1.1
Ushachy	0.0	0.4	0.3	0.3	0.1
Chashniki	14.3	19.4	11.1	13.1	9.7
Sharkovshchina	0.6	0.2	0.2	0.2	0.1
Shumilino	0.6	0.4	0.3	0.4	0.2

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	169.6	174.8	230.4	218.4	230.5
Gomel, city of	60.8	61.7	89.9	98.2	90.9
District:					
Bragin	—	—	—	—	0.0
Buda-Koshelyovo	1.0	0.9	1.0	1.1	1.4
Vetka	0.3	0.6	0.4	1.1	0.4
Gomel	1.4	1.4	1.5	5.5	0.1
Dobrush	0.5	0.5	0.4	0.4	0.7
Yelsk	0.0	0.1	0.1	0.2	0.1
Zhitkovichy	5.2	7.2	7.7	7.6	5.3
Zhlobin	34.7	24.8	40.4	31.9	34.2
Kalinkovichy	2.7	2.8	2.6	2.9	2.6
Korma	0.4	0.5	0.2	0.3	0.3
Lelchitsy	0.3	0.3	0.2	0.2	0.5
Loyev	0.1	0.1	0.2	0.0	0.0
Mozyr	32.6	43.3	52.5	49.4	64.3
Narovlya	—	—	—	—	—
Oktyabrsky	1.1	1.3	1.1	0.2	0.1
Petrikov	0.8	0.5	0.4	0.5	0.6
Rechitsa	3.7	4.3	4.9	2.8	13.3
Rogachev	0.3	0.2	1.1	1.5	0.6
Svetlogorsk	23.3	21.1	22.3	13.1	14.5
Khoyniki	0.4	3.3	3.4	1.5	0.3
Chechersk	0.0	0.0	0.0	0.0	0.0

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	306.4	306.1	291.8	655.4	772.6
Grodno, city of	64.7	66.9	72.1	66.4	70.5
District:					
Berestovitsa	0.5	0.5	0.3	0.4	0.2
Volkovysk	145.0	140.2	137.6	517.8	628.9
Voronovo	0.3	0.3	0.3	0.3	0.3
Grodno	10.5	7.1	8.8	8.9	7.6
Dyatlovo	0.9	0.9	2.2	1.7	1.6
Zelva	1.1	0.5	0.5	0.2	0.2
Ivye	0.4	0.3	0.3	0.3	0.2
Korelichy	0.3	0.3	0.3	0.4	0.4
Lida	55.6	60.4	41.6	38.6	33.8
Mosty	1.2	1.2	0.7	1.5	7.8
Novogrudok	0.0	1.6	1.3	1.2	1.1
Ostrovets	0.3	0.1	0.1	0.0	0.0
Oshmyany	19.1	19.6	19.3	11.9	10.1
Svisloch	0.0	0.0	0.0	0.0	0.0
Slonim	3.3	3.4	3.2	3.2	3.1
Smorgon	3.1	2.8	3.0	2.8	6.6
Shchuchin	0.1	0.1	0.1	0.2	0.2

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	53.3	53.9	57.1	61.4	52.7
<b>Minsk region</b>	1 503.4	1 408.2	1 218.9	998.3	1 440.1
District:					
Berezino	0.6	0.6	0.8	0.9	0.5
Borisov	9.1	7.8	6.4	7.6	9.5
Vileyka	2.5	3.9	2.6	2.6	2.5
Volozhin	0.6	1.0	0.7	0.6	0.8
Dzerzhinsk	1.1	1.2	3.7	3.0	5.3
Kletsk	3.2	3.3	0.8	0.9	1.2
Kopyl	0.1	0.0	0.1	0.0	0.1
Krupki	3.4	2.7	3.0	2.3	3.6
Logoysk	0.5	0.8	0.8	0.8	1.0
Lyuban	1.8	1.4	1.0	75.6	123.4
Minsk	2.1	1.5	2.9	2.5	2.8
Molodechno	2.8	6.3	11.8	11.1	10.4
Myadel	0.1	0.0	0.0	0.0	0.1
Nesvizh	1.0	0.9	1.4	1.3	1.1
Pukhovichy	10.6	10.8	9.0	3.0	4.8
Slutsk	15.6	13.3	16.1	8.0	5.5
Smolevichy	10.0	4.5	4.3	5.7	4.9
Soligorsk	1 436.0	1 345.5	1 151.4	869.5	1 260.0
Saryie Dorogi	0.3	0.2	0.1	0.2	0.4
Stolbtsy	1.0	1.3	1.2	1.7	1.0
Uzda	0.0	0.0	0.2	0.2	0.2
Cherven	1.0	0.8	0.6	0.7	1.2

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	582.8	600.3	613.2	752.2	935.8
Mogilev, city of	17.1	16.5	18.3	14.8	8.8
District:					
Belynychy	0.5	0.1	0.3	0.1	0.1
Bobruysk	6.4	5.5	4.9	4.9	3.1
Bykhov	1.8	1.6	1.5	2.0	2.0
Glusk	0.1	0.0	0.0	0.0	0.0
Gorki	0.9	0.9	1.7	0.3	0.7
Dribin	0.3	0.3	0.1	0.1	0.1
Kirovsk	0.1	0.3	0.2	0.2	0.3
Klimovichy	9.1	9.8	10.1	10.9	11.0
Klichev	0.3	0.0	0.0	0.0	0.0
Kostyukovichy	463.4	483.3	495.6	513.9	513.0
Krasnopolye	0.1	0.0	0.0	0.0	0.0
Krichev	79.4	79.1	78.2	202.4	395.1
Krugloye	0.2	0.2	0.1	0.0	0.0
Mogilev	0.0	0.0	0.1	0.8	0.2
Mstislavl	0.2	0.2	0.2	0.1	0.1
Osipovichy	1.4	1.2	1.1	1.1	1.1
Slavgorod	0.2	0.2	0.1	0.0	0.1
Khotimsk	0.2	0.1	0.0	0.0	0.0
Chausy	0.1	0.7	0.1	0.0	0.0
Cherikov	0.1	0.0	0.0	0.0	0.0
Shklov	0.9	0.4	0.4	0.3	0.1

### 3.23. Utilization of pollutants captured by gas treatment plants by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Thousand tonnes</b>					
Republic of Belarus	2 636.6	2 573.9	2 379.3	2 639.8	3 386.0
Region:					
Brest	101.3	108.4	106.0	70.3	84.3
Vitebsk	96.0	105.4	102.9	91.9	88.1
Gomel	105.1	101.3	119.2	124.6	128.4
Grodno	284.1	280.8	259.2	628.4	744.0
Minsk city	25.2	23.5	20.5	21.1	8.8
Minsk	1 462.1	1 372.7	1 177.4	969.5	1 407.8
Mogilev	562.8	581.6	594.1	734.1	924.6
<b>As percentage of total pollutants captured and detoxified</b>					
Republic of Belarus	92.1	91.9	88.4	91.4	92.9
Region:					
Brest	81.6	81.7	70.5	83.0	82.6
Vitebsk	78.0	85.2	79.7	79.0	78.7
Gomel	62.0	58.0	51.7	57.0	55.7
Grodno	92.7	91.8	88.8	95.9	96.3
Minsk city	47.3	43.6	35.8	34.4	16.6
Minsk	97.3	97.5	96.6	97.1	97.8
Mogilev	96.6	96.9	96.9	97.6	98.8

### 3.24. Utilization of pollutants captured by gas treatment plants by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	2 636.6	2 573.9	2 379.3	2 639.8	3 386.0
<b>Brest region</b>	101.3	108.4	106.0	70.3	84.3
Brest, city of	1.4	1.4	1.2	0.9	1.0
District:					
Baranovichy	8.2	9.0	7.3	7.2	6.7
Bereza	1.4	2.4	3.2	0.8	10.3
Brest	–	–	–	0.0	0.0
Gantsevichy	0.0	0.0	0.0	0.0	0.0
Drogichin	0.0	0.0	0.2	0.3	0.6
Zhabinka	14.5	19.9	20.3	0.7	0.7
Ivanovo	3.1	2.6	2.2	1.7	1.2
Ivatsevichy	12.6	12.4	11.3	16.4	23.6
Kamenets	2.4	0.6	1.8	1.9	2.5
Kobrin	12.2	12.2	12.1	0.1	2.0
Luninets	2.0	0.9	0.7	0.9	1.1
Lyakhovichy	36.3	40.5	40.5	31.8	24.3
Malorita	1.6	1.9	1.5	1.2	1.2
Pinsk	4.7	3.6	2.8	5.7	8.3
Pruzhany	0.3	0.3	0.2	0.2	0.2
Stolin	0.6	0.7	0.5	0.5	0.3



Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	96.0	105.4	102.9	91.9	88.1
Vitebsk, city of	53.3	53.3	53.5	53.5	53.5
District:					
Beshenkovichy	0.0	0.0	0.0	0.0	0.0
Braslav	1.2	1.4	0.6	0.5	0.4
Verkhnedvinsk	0.0	0.7	0.7	–	–
Vitebsk	4.4	1.7	2.4	0.5	2.1
Glubokoye	4.7	4.1	5.9	7.0	7.2
Gorodok	0.5	0.3	0.2	0.2	0.4
Dokshitsy	2.3	0.4	0.3	–	–
Dubrovno	–	–	–	–	–
Lepel	0.9	0.9	0.5	0.7	0.4
Liozno	0.1	0.1	0.6	0.2	0.5
Miory	0.2	0.0	0.4	0.3	0.3
Orsha	5.6	10.4	10.1	6.8	7.8
Polotsk	5.3	4.8	4.9	4.6	4.3
Postavy	0.7	0.4	0.6	1.3	1.2
Rossony	–	–	–	–	–
Senno	0.2	–	–	–	–
Tolochin	1.9	7.3	10.9	3.1	0.5
Ushachy	0.0	0.4	0.3	0.3	0.1
Chashniki	14.0	19.1	10.8	12.9	9.3
Sharkovshchina	0.6	0.1	0.2	0.2	0.1
Shumilino	0.1	–	–	–	–

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	105.1	101.3	119.2	124.6	128.4
Gomel, city of	47.8	46.4	61.5	69.5	64.4
District:					
Bragin	–	–	–	–	–
Buda-Koshelyovo	0.4	0.4	0.5	0.5	0.8
Vetka	0.3	0.6	0.4	1.1	0.4
Gomel	1.3	1.4	1.2	1.6	0.0
Dobrush	0.5	0.4	0.3	0.3	0.4
Yelsk	–	–	–	–	–
Zhitkovichy	0.6	0.6	0.3	0.3	0.1
Zhlobin	22.6	18.6	21.3	31.8	33.9
Kalinkovichy	2.7	2.7	2.6	2.7	2.5
Korma	0.0	0.5	0.2	–	0.0
Lelechitsy	0.3	0.2	0.2	0.2	0.2
Loyev	0.1	0.0	0.0	–	–
Mozyr	1.1	1.3	1.3	0.3	0.6
Narovlya	–	–	–	–	–
Oktyabrsky	1.1	1.3	1.1	0.1	0.1
Petrikov	0.8	0.4	0.3	0.4	0.4
Rechitsa	2.9	2.8	2.5	1.1	11.5
Rogachev	0.3	0.2	1.1	1.4	0.2
Svetlogorsk	22.0	20.1	21.2	11.9	12.8
Khoyniki	0.3	3.3	3.3	1.5	0.2
Chechersk	0.0	0.0	0.0	–	–

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	284.1	280.8	259.2	628.4	744.0
Grodno, city of	47.6	47.9	47.9	48.8	53.7
District:					
Berestovitsa	0.5	0.5	0.3	0.4	0.2
Volkovysk	144.9	140.1	137.6	517.7	628.7
Voronovo	0.3	0.3	0.2	0.3	0.3
Grodno	10.5	6.2	7.7	6.4	6.0
Dyatlovo	0.1	0.1	0.1	0.1	0.1
Zelva	1.1	0.5	0.5	0.2	0.2
Ivye	0.4	0.3	0.2	0.3	0.1
Korelichy	0.3	0.3	0.3	0.3	0.3
Lida	53.8	58.2	39.3	36.0	31.1
Mosty	1.2	1.2	0.7	1.5	7.8
Novogrudok	0.0	1.6	1.3	1.0	1.1
Ostrovets	0.3	0.1	0.1	0.0	–
Oshmyany	19.1	19.6	19.3	11.9	10.1
Svisloch	–	–	–	–	–
Slonim	2.9	3.2	3.1	3.0	3.0
Smorgon	1.1	0.9	0.6	0.6	1.3
Shchuchin	0.0	–	–	–	–

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	25.2	23.5	20.5	21.1	8.8
<b>Minsk region</b>	1 462.1	1 372.7	1 177.4	969.5	1 407.8
District:					
Berezino	–	0.1	0.3	0.0	0.0
Borisov	5.0	3.3	1.7	2.0	1.7
Vileyka	0.7	0.6	0.2	0.3	0.3
Volozhin	0.6	1.0	0.1	0.1	0.1
Dzerzhinsk	0.8	0.9	0.9	2.7	5.0
Kletsk	3.2	3.3	0.8	0.9	1.2
Kopyl	0.0	0.0	0.0	0.0	0.1
Krupki	0.0	0.0	0.1	0.0	0.0
Logoysk	0.2	0.2	0.2	0.2	0.2
Lyuban	1.3	1.0	0.8	75.3	123.1
Minsk	1.1	1.0	1.3	1.1	1.4
Molodechno	2.0	5.4	11.1	10.6	10.1
Myadel	0.0	0.0	0.0	0.0	0.0
Nesvizh	0.7	0.7	1.1	1.1	1.0
Pukhovichy	10.3	10.4	8.7	3.0	4.7
Slutsk	2.7	2.6	3.1	4.1	2.5
Smolevichy	1.0	0.3	0.1	1.7	1.0
Soligorsk	1 430.6	1 339.8	1 144.8	863.8	1 253.1
Staryie Dorogi	–	–	0.0	–	–
Stolbtsy	1.0	1.2	1.0	1.5	0.9
Uzda	–	–	0.1	0.2	0.2
Cherven	0.9	0.8	0.6	0.7	1.2

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	562.8	581.6	594.1	734.1	924.6
Mogilev, city of	3.8	5.1	5.5	3.7	1.8
District:					
Belynychy	–	0.0	0.2	–	–
Bobruysk	3.2	2.1	1.9	1.8	1.6
Bykhov	0.7	0.5	0.4	0.8	1.0
Glusk	0.1	0.0	0.0	0.0	0.0
Gorki	0.5	0.1	1.3	0.3	0.3
Dribin	0.3	0.3	0.1	0.1	0.1
Kirovsk	0.0	0.0	0.0	0.0	0.0
Klimovichy	9.1	9.8	10.1	10.9	10.9
Klichev	0.3	0.0	0.0	–	0.0
Kostyukovichy	463.4	483.3	495.5	513.7	513.0
Krasnopolye	0.1	0.0	0.0	0.0	0.0
Krichev	79.4	79.0	78.1	202.3	395.1
Krugloye	–	0.0	0.0	0.0	0.0
Mogilev	0.0	0.0	0.0	0.1	0.1
Mstislavl	0.2	0.2	0.2	0.1	0.1
Osipovichy	1.0	0.8	0.4	0.2	0.4
Slavgorod	0.2	0.2	0.1	0.1	0.1
Khotimsk	0.2	0.1	–	–	–
Chausy	–	–	–	–	–
Cherikov	–	–	–	–	–
Shklov	0.3	0.0	0.0	0.0	0.0

### 3.25. Number of stationary sources of air polluting emissions by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	128 523	125 171	132 500	136 425	132 282
Region:					
Brest	16 072	15 159	16 593	19 331	18 366
Vitebsk	13 501	12 631	13 976	15 789	15 762
Gomel	19 981	19 931	20 966	19 962	18 548
Grodno	18 306	19 454	20 223	22 148	22 408
Minsk city	14 783	14 466	14 308	13 980	13 605
Minsk	27 979	26 311	28 682	27 281	26 808
Mogilev	17 901	17 219	17 752	17 934	16 785
<b>of which organised sources of emission</b>					
Republic of Belarus	113 540	108 095	112 421	114 976	110 270
Region:					
Brest	14 037	12 847	13 576	15 971	15 486
Vitebsk	11 221	10 219	11 399	12 931	12 748
Gomel	17 994	17 442	18 100	16 880	15 818
Grodno	15 112	15 782	16 094	17 337	17 312
Minsk city	14 421	14 049	13 903	13 494	13 071
Minsk	24 807	22 458	23 932	23 002	21 319
Mogilev	15 948	15 298	15 417	15 361	14 516

Continued

	2010	2011	2012	2013	2014
<b>of which equipped with gas treatment plants</b>					
Republic of Belarus	13 286	13 088	13 619	13 786	14 023
Region:					
Brest	1 702	1 625	1 697	1 576	1 585
Vitebsk	1 310	1 329	1 396	1 557	1 584
Gomel	2 700	2 743	2 836	2 781	2 941
Grodno	1 270	1 249	1 379	1 468	1 603
Minsk city	2 410	2 243	2 228	2 201	2 139
Minsk	1 843	1 887	1 963	2 051	2 001
Mogilev	2 051	2 012	2 120	2 152	2 170

**as percentage of total organised sources of emission**

Republic of Belarus	11.7	12.1	12.1	12.0	12.7
Region:					
Brest	12.1	12.6	12.5	9.9	10.2
Vitebsk	11.7	13.0	12.2	12.0	12.4
Gomel	15.0	15.7	15.7	16.5	18.6
Grodno	8.4	7.9	8.6	8.5	9.3
Minsk city	16.7	16.0	16.0	16.3	16.4
Minsk	7.4	8.4	8.2	8.9	9.4
Mogilev	12.9	13.2	13.8	14.0	14.9

### 3.26. Number of days with maximum single / average daily allowable concentration of pollutants exceeded by selected cities<sup>1)</sup>

City, pollutant monitored	Maximum single / average daily allowable concentration, microgrammes per cu metre	Number of days with prescribed maximum single / average daily allowable concentration exceeded				
		2010	2011	2012	2013	2014
<b>Bobruysk</b>						
Solid particles	300 / 150	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	1 / 2	1 / 0	0 / 0	1 / –	1 / 1
Phenol	10 / 7	0 / 0	0 / 0	0 / 0	0 / –	2 / 0
<b>Brest</b>						
Solid particles	300 / 150	0 / 0	0 / 0	0 / 0	0 / –	1 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / –	0 / 30	– / 21	– / –	– / 4 <sup>2)</sup>
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	1 / 0	0 / 0	0 / 0	0 / –	1 / 0
Nitrogen dioxide	250 / 100	4 / 0	2 / 0	0 / 0	3 / –	14 / 3 <sup>2)</sup>
<b>Vitebsk</b>						
Solid particles	300 / 150	0 / 1	0 / 0	0 / 0	0 / –	0 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	0 / 16	0 / 11	– / –	– / 0	– / 3 <sup>2)</sup>
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	1 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	0 / 0	0 / 0	0 / 0	0 / –	1 <sup>2)</sup> / 0
Phenol	10 / 7	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Ammonia	200 / –	– / –	0 / –	0 / –	0 / –	0 / –



Continued

City, pollutant monitored	Maximum single / average daily allowable concentration, microgrammes per cu metre	Number of days with prescribed maximum single / average daily allowable concentration exceeded				
		2010	2011	2012	2013	2014
<b>Gomel</b>						
Solid particles	300 / 150	44 / 15	17 / 6	0 / 1	1 / –	10 / 8
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / –	– / (1 <sup>3</sup> - 71 <sup>4</sup> )	– / 35 <sup>4</sup>	– / 38 <sup>4</sup>	– / 60 <sup>2</sup>
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 1	0 / –	61 <sup>2</sup> / 2 <sup>2</sup>
Nitrogen dioxide	250 / 100	0 / 0	1 / 0	0 / 0	0 / –	1 / 1 <sup>2</sup>
Phenol	10 / 7	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Ammonia	200 / –	0 / –	0 / –	0 / –	0 / –	0 / –
<b>Grodno</b>						
Solid particles	300 / 150	3 / 2	5 / 1	1 / 0	0 / –	0 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / –	0 / 13	0 / 8	– / 2	– / 2 <sup>2</sup>
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	1 / 0	13 / 0	0 / 0	0 / –	1 <sup>2</sup> / 0
Ammonia	200 / –	0 / –	0 / –	0 / –	0 / –	0 / 0
<b>Minsk city</b>						
Solid particles	300 / 150	7 / 0	16 / 0	0 / 0	1 / –	3 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / (11 <sup>3</sup> - 87 <sup>4</sup> )	– / (7 <sup>3</sup> - 35 <sup>4</sup> )	– / (14 <sup>3</sup> - 53 <sup>4</sup> )	– / (6 <sup>3</sup> - 38 <sup>4</sup> )	– / 49 <sup>2</sup>
Sulphur dioxide	500 / 200	0 / 0	0 / 0	1 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	1 / 0	0 / 0	0 / 0	0 / –	11 <sup>2</sup> / 0
Nitrogen dioxide	250 / 100	4 / 0	9 / 0	9 / 1	9 / 30 <sup>4</sup>	13 <sup>2</sup> / 15 <sup>2</sup>
Phenol	10 / 7	1 / 0	0 / 0	0 / 0	0 / –	0 / 0
Ammonia	200 / –	12 / –	1 / –	0 / –	2 / –	0 / –

Continued

City, pollutant monitored	Maximum single / average daily allowable concentration, microgrammes per cu metre	Number of days with prescribed maximum single / average daily allowable concentration exceeded				
		2010	2011	2012	2013	2014
<b>Mogilev</b>						
Solid particles	300 / 150	2 / 0	5 / 1	2 / 0	0 / –	0 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / 21	–/(10 <sup>3</sup> -26 <sup>4</sup> )	–/(1 <sup>3</sup> -27 <sup>4</sup> )	–/(4 <sup>3</sup> -17 <sup>4</sup> )	–/57 <sup>2</sup> )
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	4 / 0	1 / 0	0 / 0	1 / –	1 <sup>2</sup> ) / 0
Nitrogen dioxide	250 / 100	37 / 6	39 / 12	25 / 10	33 / 11	26 <sup>2</sup> ) / 29 <sup>2</sup> )
Phenol	10 / 7	72 / 0	80 / 0	30 / 0	32 / –	72 / 0
Hydrogen sulphide	8 / –	0 / 0	25 / –	8 / –	0 / –	0 / –
Methyl alcohol	1 000 / 500	3 / 1	0 / 0	2 / 0	1 / –	0 / 0
Ammonia	200 / –	22 / 0	11 / 0	5 / –	2 / –	9 / –
<b>Novopolotsk</b>						
Solid particles	300 / 150	0 / 0	6 / 0	0 / 0	0 / –	3 / 0
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / –	– / 1	– / 2	– / 2	– / 9 <sup>2</sup> )
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	2 / 3	12 <sup>2</sup> ) / 2 <sup>2</sup> )
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	1 <sup>2</sup> ) / 0
Nitrogen dioxide	250 / 100	16 / 1	11 / 10	11 / 9	11 / 21	0 / 0
Phenol	10 / 7	1 / 0	6 / 0	4 / 0	2 / –	3 / 0
Hydrogen sulphide	8 / –	1 / –	5 / –	12 / –	0 / –	0 / –
Ammonia	200 / –	0 / –	0 / –	1 / –	0 / –	0 / –
<b>Orsha</b>						
Solid particles	300 / 150	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	1 / 0	2 / 0	1 / 0	0 / –	0 / 0

Continued

City, pollutant monitored	Maximum single / average daily allowable concentration, microgrammes per cu metre	Number of days with prescribed maximum single / average daily allowable concentration exceeded				
		2010	2011	2012	2013	2014
<b>Pinsk</b>						
Solid particles	300 / 150	0 / 0	0 / 4	0 / 4	0 / –	12 / 11
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	0 / 0	0 / 0	0 / 8	0 / –	1 / 0
<b>Polotsk</b>						
Solid particles	300 / 150	2 / 0	1 / 0	1 / 0	2 / –	3 / 3
Solid particles, PM <sub>10</sub> fraction	150 / 50	– / –	– / 3	– / 6	– / 0	– / 0 <sup>2)</sup>
Sulphur dioxide	500 / 200	0 / 0	0 / 0	0 / 0	2 / –	12 <sup>2)</sup> / 1 <sup>2)</sup>
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	1 <sup>2)</sup> / 0
Nitrogen dioxide	250 / 100	6 / 4	1 / 0	8 / 40	10 / –	3 <sup>2)</sup> / 2 <sup>2)</sup>
Phenol	10 / 7	3 / 0	4 / 0	3 / 1	1 / –	1 / 0
Ammonia	200 / –	0 / –	0 / –	0 / –	1 / –	0 / –
Hydrogen sulphide	8 / –	0 / –	0 / –	4 / –	0 / –	0 / –
<b>Svetlogorsk</b>						
Solid particles	300 / 150	2 / 28	1 / 22	0 / 5	0 / –	2 / 21
Carbon monoxide	5 000 / 3 000	0 / 0	0 / 0	0 / 0	0 / –	0 / 0
Nitrogen dioxide	250 / 100	0 / 0	0 / 0	0 / 0	0 / –	0 / 0

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

<sup>2)</sup> For 2014 – data of continuous monitoring.

<sup>3)</sup> In a residential district.

<sup>4)</sup> In an industrial district.

### 3.27. Average annual concentrations of air pollutants by selected cities<sup>1)</sup>

(microgrammes per cubic metre)

City, pollutant monitored	2010	2011	2012	2013	2014
<b>Bobruysk</b>					
Solid particles	<15	<15	<15	<15	<15
Carbon monoxide	712	812	738	769	879
Nitrogen dioxide	34	29	24	33	37
Phenol	1.9	0.7	1.1	1.3	3.0
<b>Brest</b>					
Solid particles	27	18	27	33	35
Sulphur dioxide	<1	<1	<1	<1	15 <sup>2)</sup>
Carbon monoxide	511	613	797	913	938
Nitrogen dioxide	24	26	33	34	39
<b>Vitebsk</b>					
Solid particles	116	115	112	113	52
Sulphur dioxide	0.0	<1	<1	<1	—
Carbon monoxide	757	675	610	517	530
Nitrogen dioxide	32	36	35	32	41
Phenol	1.2	1.1	1.2	1.4	1.6
Ammonia	23	25	23	29	28
<b>Gomel</b>					
Solid particles	52	45	23	29	33
Sulphur dioxide	8	17	9	<1	—
Carbon monoxide	496	444	422	452	500
Nitrogen dioxide	17	20	21	17	26
Phenol	1.1	2.5	1.7	0.6	0.9
Ammonia	24	36	15	12	11

Continued

City, pollutant monitored	2010	2011	2012	2013	2014
<b>Grodno</b>					
Solid particles	37	40	37	26	31
Sulphur dioxide	<1	<1	1	<1	15 <sup>2)</sup>
Carbon monoxide	583	665	720	664	509
Nitrogen dioxide	30	28	19	17	26
Ammonia	14	17	19	15	19
<b>Minsk City</b>					
Solid particles	<15	<15	<15	<15	21
Sulphur dioxide	<1	<1	<1	<1	8 <sup>2)</sup>
Carbon monoxide	414	386	434	499	470
Nitrogen dioxide	34	32	37	39	37
Phenol	0.5	0.4	0.4	0.3	0.6
Ammonia	25	13	14	14	11
<b>Mogilev</b>					
Solid particles	37	47	44	27	<15
Sulphur dioxide	<1	<1	<1	<1	19 <sup>2)</sup>
Carbon monoxide	879	875	670	661	495
Nitrogen dioxide	52	55	49	49	51
Phenol	1.7	1.8	1.6	1.8	1.7
Carbon bisulphide	6	4	6	6	4
Methyl alcohol	102	125	87	108	68
<b>Novopolotsk</b>					
Solid particles	<15	<15	<15	<15	<15
Sulphur dioxide	2	1	1	3	32 <sup>2)</sup>
Carbon monoxide	1 509	835	330	577	916
Nitrogen dioxide	40	42	47	54	46
Phenol	0.6	0.9	1.0	1.0	1.2
Ammonia	5	8	10	8	11
Hydrogen sulphide	1.2	1.0	1.0	1.2	1.1

Continued

City, pollutant monitored	2010	2011	2012	2013	2014
<b>Orsha</b>					
Solid particles	15	15	<15	<15	<15
Carbon monoxide	788	762	749	781	1100
Nitrogen dioxide	25	21	25	21	23
<b>Pinsk</b>					
Solid particles	46	52	42	20	43
Carbon monoxide	491	369	419	515	517
Nitrogen dioxide	18	16	32	49	22
<b>Polotsk</b>					
Solid particles	<15	<15	<15	<15	<15
Sulphur dioxide	3	1	2	4	46
Carbon monoxide	1 946	1 169	483	797	1 256
Nitrogen dioxide	47	55	63	59	58
Phenol	0.5	0.9	1.0	1.0	1.3
Ammonia	20	18	20	15	12
Hydrogen sulphide	1.3	1.0	1.0	1.2	1.0
Hydrogen fluoride	0.5	0.4	0.9	0.5	0.8
<b>Svetlogorsk</b>					
Solid particles	59	54	35	22	50
Carbon monoxide	955	878	648	705	751
Nitrogen dioxide	39	33	34	53	32

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

<sup>2)</sup> For 2014 – data of continuous monitoring.

### 3.28. Air quality monitoring by regions and Minsk city<sup>1)</sup>

	2010	2011	2012	2013	2014
<b>Number of tested air samples – total, thousand</b>					
Republic of Belarus	81.6	81.6	76.4	67.2	78.3
Region:					
Brest	5.6	6.1	4.1	2.6	4.8
Vitebsk	0.4	1.4	0.3	0.6	0.6
Gomel	28.1	26.4	24.5	21.0	21.4
Grodno	4.2	4.0	4.1	3.6	4.7
Minsk city	18.3	17.4	17.4	18.5	21.1
Minsk	8.4	10.7	8.6	6.9	8.9
Mogilev	16.6	15.6	17.4	14.0	16.8
<b>of which air samples with maximum single allowable concentration exceeded, thousand</b>					
Republic of Belarus	0.9	0.7	0.5	0.5	0.7
Region:					
Brest	0.0	0.0	0.0	0.0	0.0
Vitebsk	–	–	–	–	–
Gomel	0.0	0.0	0.0	0.0	0.0
Grodno	0.0	–	–	0.0	0.0
Minsk city	0.7	0.4	0.4	0.4	0.5
Minsk	0.1	0.1	0.0	0.0	0.0
Mogilev	0.1	0.1	0.1	0.0	0.1

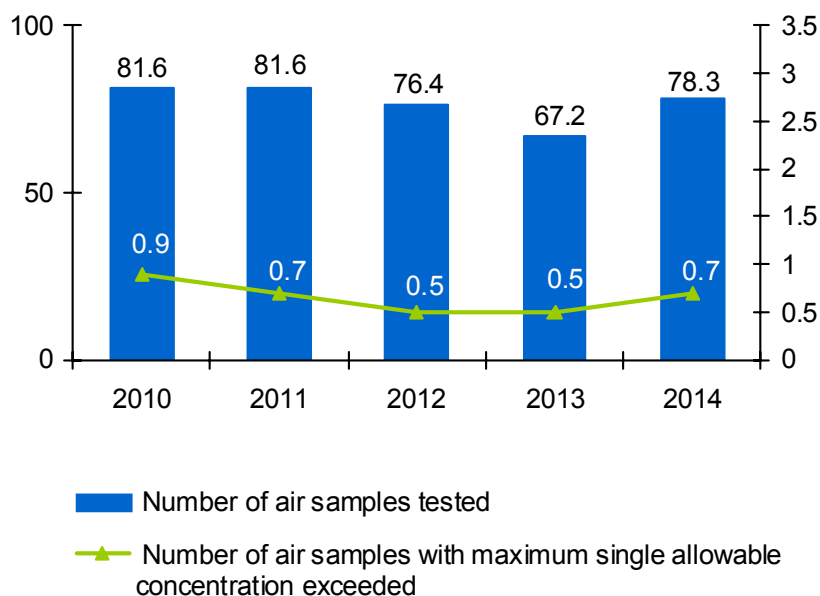
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	2010	2011	2012	2013	2014
<b>as percentage of total air samples tested</b>					
Republic of Belarus	1.1	0.9	0.6	0.7	0.9
Region:					
Brest	0.3	0.8	0.2	0.2	0.0
Vitebsk	–	–	–	–	–
Gomel	0.2	0.3	0.1	0.1	0.1
Grodno	0.1	–	–	0.0	0.0
Minsk city	4.0	2.4	2.3	2.2	2.4
Minsk	0.9	0.9	0.3	0.3	0.2
Mogilev	0.5	0.5	0.4	0.3	0.6

<sup>1)</sup> Data of the Ministry of Health of the Republic of Belarus.

### 3.29. Number of tested air samples and number of air samples with maximum single allowable concentration exceeded

(thousand samples)





#### 4. CLIMATE CHANGE<sup>1)</sup>

##### 4.1. Average annual air temperatures by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Average annual temperature, °C</b>					
Republic of Belarus	6.9	7.5	6.8	7.5	7.8
Region:					
Brest	7.4	8.1	7.6	8.2	8.5
Vitebsk	6.2	6.9	6.0	6.8	7.1
Gomel	7.8	8.0	7.4	8.3	8.4
Grodno	6.5	7.6	6.9	7.5	7.8
Minsk city	6.9	7.5	6.7	7.5	7.8
Minsk	6.7	7.4	6.6	7.3	7.7
Mogilev	6.7	7.0	6.2	7.1	7.2
<b>Divergence from the norm, °C</b>					
Republic of Belarus	1.1	1.7	1.0	1.7	2.0
Region:					
Brest	0.7	1.4	0.9	1.5	1.8
Vitebsk	1.1	1.8	0.9	1.7	2.0
Gomel	1.5	1.7	1.1	2.0	2.1
Grodno	0.4	1.5	0.8	1.4	1.7
Minsk city	1.4	2.0	1.2	2.0	2.3
Minsk	1.0	1.7	0.9	1.6	2.0
Mogilev	1.3	1.6	0.8	1.7	1.8

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

## 4.2. Average monthly air temperatures by regions and Minsk city

	2010	2011	2012	2013	2014
<b>January, °C</b>					
Republic of Belarus	-11.5	-3.7	-4.8	-7.1	-7.0
Region:					
Brest	-10.1	-2.6	-3.3	-5.3	-5.3
Vitebsk	-12.6	-4.5	-5.7	-8.5	-8.0
Gomel	-11.1	-3.4	-4.8	-6.4	-6.6
Grodno	-10.8	-3.2	-3.8	-6.5	-6.4
Minsk city	-11.1	-3.8	-5.0	-7.3	-7.4
Minsk	-11.4	-3.8	-4.9	-7.5	-7.3
Mogilev	-12.8	-4.9	-5.8	-8.3	-8.3
<b>Divergence from the norm, °C</b>					
Republic of Belarus	-4.8	3.0	1.9	-0.4	-0.3
Region:					
Brest	-4.7	2.8	2.1	0.0	0.1
Vitebsk	-5.1	3.0	1.8	-1.0	-0.5
Gomel	-4.5	3.2	1.8	0.2	0.0
Grodno	-5.1	2.5	1.9	-0.8	-0.7
Minsk city	-4.2	3.1	1.9	-0.4	-0.5
Minsk	-4.7	2.9	1.8	-0.7	-0.6
Mogilev	-5.2	2.7	1.8	-0.8	-0.7
<b>July, °C</b>					
Republic of Belarus	22.6	20.2	20.6	18.5	20.6
Region:					
Brest	22.2	19.5	21.2	18.8	21.1
Vitebsk	22.6	20.5	19.8	18.1	20.1
Gomel	23.4	21.0	21.5	19.3	21.3
Grodno	21.6	19.2	20.2	18.2	20.2
Minsk city	22.6	20.2	21.0	18.6	20.8
Minsk	22.4	20.1	20.6	18.3	20.6
Mogilev	23.1	20.6	20.4	18.2	20.1
<b>Divergence from the norm, °C</b>					
Republic of Belarus	4.8	2.4	2.8	0.7	2.7
Region:					
Brest	4.1	1.4	3.1	0.7	3.0
Vitebsk	5.2	3.1	2.4	0.7	2.7
Gomel	5.1	2.7	3.2	1.0	2.9
Grodno	4.1	1.7	2.7	0.7	2.7
Minsk city	4.9	2.5	3.3	0.9	3.1
Minsk	4.7	2.4	2.9	0.6	2.9
Mogilev	5.1	2.6	2.4	0.2	2.1

### 4.3. Average annual precipitation by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Average annual precipitation, mm</b>					
Republic of Belarus	729	583	757	671	567
Region:					
Brest	742	560	647	712	548
Vitebsk	768	595	785	670	622
Gomel	658	604	844	660	533
Grodno	769	583	672	675	589
Minsk city	820	631	839	677	604
Minsk	788	579	766	657	582
Mogilev	651	574	830	650	523
<b>As percentage of the norm</b>					
Republic of Belarus	111	89	115	102	86
Region:					
Brest	116	88	101	111	86
Vitebsk	115	89	118	100	93
Gomel	103	95	132	104	84
Grodno	116	88	102	102	89
Minsk city	117	90	120	97	87
Minsk	117	86	114	98	87
Mogilev	100	88	127	99	80

#### 4.4. Average monthly precipitation by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Average for January, mm</b>					
Republic of Belarus	28	43	60	47	48
Region:					
Brest	38	38	50	59	46
Vitebsk	18	62	64	37	42
Gomel	28	32	60	47	49
Grodno	30	40	61	55	53
Minsk city	39	54	78	50	51
Minsk	29	44	68	48	46
Mogilev	26	43	57	34	50
<b>As percentage of the norm</b>					
Republic of Belarus	74	113	158	124	126
Region:					
Brest	105	106	139	164	128
Vitebsk	47	163	168	97	114
Gomel	78	89	167	131	136
Grodno	79	105	161	145	139
Minsk city	91	126	181	116	119
Minsk	73	110	170	120	115
Mogilev	65	108	143	85	125
<b>Average for July, mm</b>					
Republic of Belarus	80	129	55	77	64
Region:					
Brest	84	158	59	59	50
Vitebsk	56	94	61	100	65
Gomel	84	142	69	62	81
Grodno	105	134	61	79	66
Minsk city	99	153	71	96	55
Minsk	104	130	46	74	55
Mogilev	44	114	34	85	69
<b>As percentage of the norm</b>					
Republic of Belarus	92	148	63	88	74
Region:					
Brest	99	186	69	70	59
Vitebsk	62	104	68	111	72
Gomel	95	161	78	69	92
Grodno	127	161	73	95	80
Minsk city	110	170	79	107	61
Minsk	120	149	53	85	63
Mogilev	51	133	40	99	80

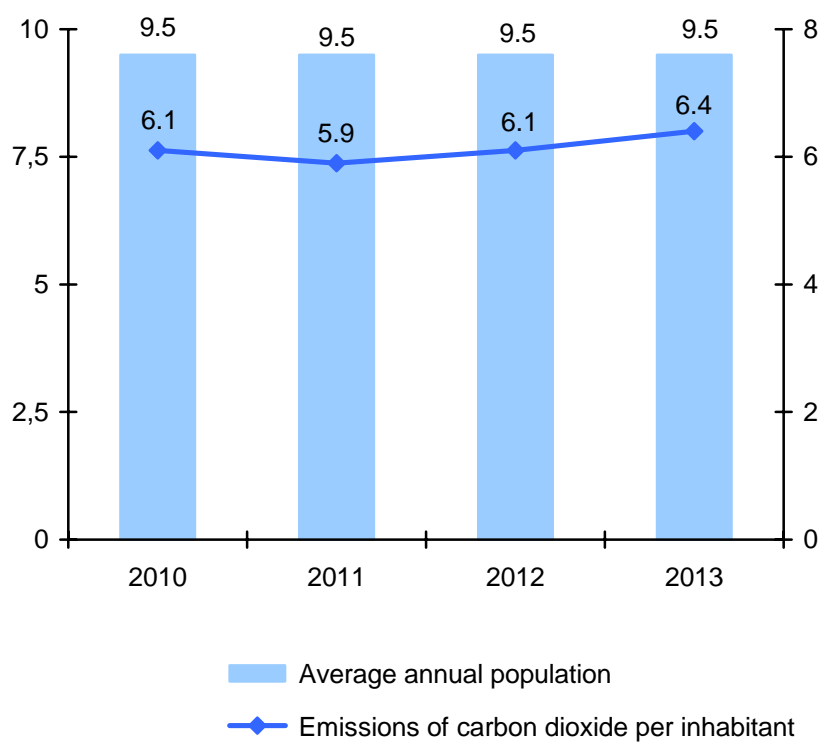
#### 4.5. Greenhouse gas emissions

	2010	2011	2012	2013
Greenhouse gas emissions				
million tonnes of CO <sub>2</sub> equivalent per year	89.4	87.5	89.4	93.2
as percentage of 1990	64.3	62.9	64.2	67.0

#### 4.6. Emissions of carbon dioxide (CO<sub>2</sub>) per inhabitant of the Republic of Belarus

Average annual population, mln

Emissions of carbon dioxide (CO<sub>2</sub>) per inhabitant, metric tonnes



#### 4.7. Greenhouse gas emissions by sector

(million tonnes of CO<sub>2</sub> equivalent per year)

	2010	2011	2012	2013
Energy sector	56.4	53.4	55.3	58.2
Industrial processes, use of solvents and other products	4.2	4.2	4.3	4.5
Agriculture	22.6	23.4	23.4	23.1
Land use, changes in land use, and forestry <sup>1)</sup>	-30.2	-29.2	-25.5	-28.9
Waste	6.2	6.5	6.3	7.4
Total, excluding land use, changes in land use, and forestry	89.4	87.5	89.4	93.2
Total, including land use, changes in land use, and forestry	59.3	58.3	63.9	64.3

<sup>1)</sup> The minus sign ( - ) means absorption of greenhouse gases.

#### 4.8. Greenhouse gas emissions in energy sector

(million tonnes of CO<sub>2</sub> equivalent per year)

	2010	2011	2012	2013
Carbon dioxide	54.28	51.32	53.33	56.10
Methane	2.04	1.94	1.91	1.91
Nitrogen monoxide	0.12	0.12	0.13	0.13

#### 4.9. Greenhouse gas emissions resulting from industrial processes, use of solvents and other products

(million tonnes of CO<sub>2</sub> equivalent per year)

	2010	2011	2012	2013
Carbon dioxide	4.02	4.07	4.21	4.41
Methane	0.06	0.06	0.06	0.05
Nitrogen monoxide	0.12	0.06	0.06	0.05
Fluorine-containing gases	0.002	0.002	0.002	0.002

## 5. PROTECTION AND USE OF WATER RESOURCES<sup>1)</sup>

### 5.1. Key indicators of protection and use of water resources

(million cubic metres)

	2010	2011	2012	2013	2014
Water abstraction from natural sources for use – total	1 548	1 592	1 593	1 514	1 510
of which groundwater	854	870	875	851	843
Water use – total	1 359	1 406	1 442	1 373	1 371
of which:					
industrial water use	393	423	429	407	405
of which water of drinking quality	154	154	169	171	165
as % of total industrial water use	39	36	39	42	41
pond fish farming	357	383	401	372	378
domestic and drinking purposes	495	486	492	477	473
irrigation and agricultural water supply	114	114	120	117	115
Water loss during transport	102	84	84	83	82
Circulating and recycling (successive) water supply	6 385	5 973	5 616	5 690	5 804
as % of total industrial water use	89	88	87	88	93
Waste water discharge	1 052	1 066	1 078	1 034	1 011
of which into water bodies	967	979	993	951	931

<sup>1)</sup> Tables 5.1, 5.2 and 5.4 - 5.44 are based on the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

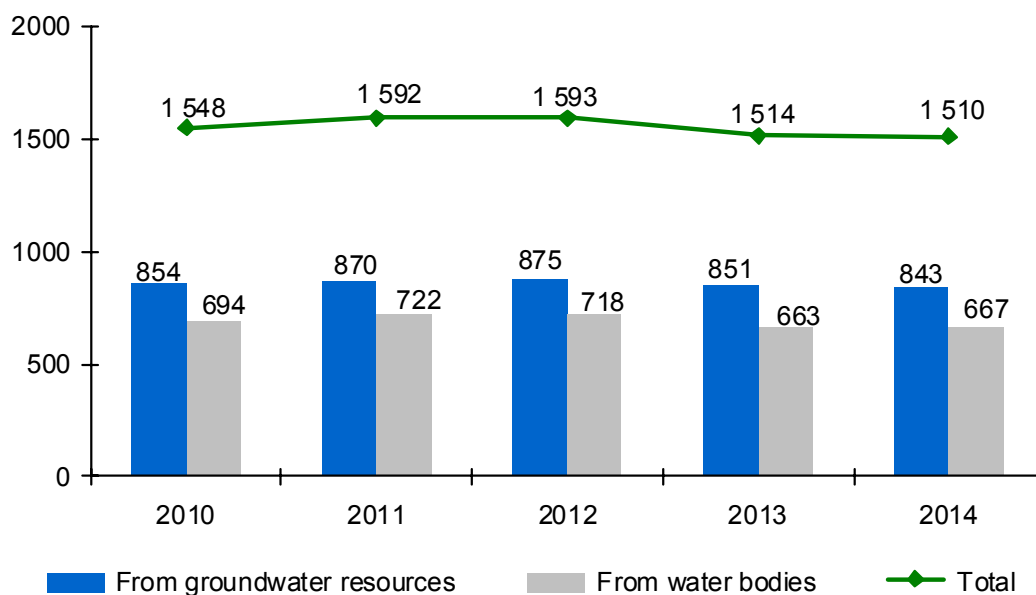
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	2010	2011	2012	2013	2014
<b>As percentage of the previous year</b>					
Water abstraction from natural sources for use – total	102.7	102.8	100.1	95.0	99.7
of which groundwater	102.3	101.9	100.6	97.3	99.1
Water use – total	101.6	103.5	102.6	95.2	99.9
Water loss during transport	121.4	82.4	100.0	98.8	98.8
Circulating and recycling (successive) water supply	104.1	93.5	94.0	101.3	102.0
Waste water discharge	99.2	101.3	101.1	95.9	97.8
of which into water bodies	99.3	101.2	101.4	95.8	97.9
<b>As percentage of 2010</b>					
Water abstraction from natural sources for use – total	100	102.8	102.9	97.8	97.5
of which groundwater	100	101.9	102.5	99.6	98.7
Water use – total	100	103.5	106.1	101.0	100.9
Water loss during transport	100	82.4	82.4	81.4	80.4
Circulating and recycling (successive) water supply	100	93.5	88.0	89.1	90.9
Waste water discharge	100	101.3	102.5	98.3	96.1
of which into water bodies	100	101.2	102.7	98.3	96.3



## 5.2. Water abstraction from natural sources for use

(million cubic metres)



## 5.3. Water abstraction from natural sources for use per inhabitant by regions and Minsk city

(cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	163	168	168	160	159
Region:					
Brest	182	201	207	185	187
Vitebsk	164	169	170	168	167
Gomel	156	166	165	148	144
Grodno	133	135	133	134	152
Minsk city	25	25	27	23	23
Minsk	367	370	372	366	354
Mogilev	147	145	139	135	133

### 5.4. Water abstraction from natural sources for use by regions and Minsk city

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	1 548	1 592	1 593	1 514	1 510
Region:					
Brest	254	280	288	257	260
Vitebsk	201	206	206	203	200
Gomel	225	238	235	211	205
Grodno	142	143	141	141	160
Minsk city	46	47	51	44	45
Minsk	519	520	522	513	498
Mogilev	161	157	150	145	142
<b>of which groundwater</b>					
Republic of Belarus	854	870	875	851	843
Region:					
Brest	115	121	120	118	118
Vitebsk	110	105	107	106	104
Gomel	126	146	140	136	134
Grodno	98	99	98	97	95
Minsk city	46	47	50	44	45
Minsk	249	246	255	249	248
Mogilev	110	107	105	102	100

## 5.5. Fresh water abstraction from water bodies for use

(million cubic metres)

	2010	2011	2012	2013	2014
Total	694	722	718	663	667
Baltic Sea basin	253	267	254	247	274
of which river basin:					
Neman	146	152	139	136	159
of which Viliya	98	101	89	86	97
Western Dvina	88	97	96	93	93
Western Bug	20	19	19	18	22
of which Mukhovets	12	12	14	13	16
Black Sea basin	441	454	463	416	394
of which Dnieper river basin	441	454	463	416	394
of which:					
Berezina	80	84	89	68	67
of which Svisloch	31	31	34	32	34
Sozh	27	14	13	11	9
Pripyat	303	327	338	315	295

## 5.6. Fresh groundwater abstraction for use

(million cubic metres)

	2010	2011	2012	2013	2014
Total	854	870	875	851	843
Baltic Sea basin	318	316	322	315	314
of which river basin:					
Neman	181	182	188	181	181
of which Viliya	28	27	30	27	28
Western Dvina	87	84	85	85	83
Western Bug	50	50	50	49	49
of which Mukhovets	27	27	27	26	26
Black Sea basin	536	555	553	536	529
of which Dnieper river basin	536	555	553	536	529
of which:					
Berezina	238	236	242	236	224
of which Svisloch	153	153	156	148	148
Sozh	74	87	85	84	82
Pripyat	116	121	116	115	112

### 5.7. Renewable water resources use indices by region and river basin

(percent)

	2010	2011	2012	2013
<b>Surface water use indices<sup>1)</sup></b>				
Republic of Belarus	1.0	1.2	1.2	0.9
Region:				
Brest	0.8	1.0	1.6	0.7
Vitebsk	0.5	0.6	0.4	0.5
Gomel	0.2	0.3	0.3	0.2
Grodno	0.4	0.5	0.6	0.4
Minsk	3.1	3.7	3.6	3.3
Mogilev	0.3	0.3	0.2	0.4
River basins:				
Neman	1.4	1.8	1.9	1.4
Western Dvina	0.5	0.7	0.5	0.6
Western Bug	1.1	1.0	2.7	1.0
Dnieper	1.1	1.3	1.4	0.9
<b>Groudwater use indices<sup>2)</sup></b>				
Republic of Belarus	32.9	33.6	33.8	32.8
Region:				
Brest	34.3	37.5	37.1	36.3
Vitebsk	33.7	32.3	32.7	32.4
Gomel	29.8	34.4	33.2	32.1
Grodno	33.5	33.1	32.1	31.9
Minsk	32.4	27.0	28.1	27.2
Mogilev	36.1	34.8	34.4	33.5
River basins:				
Neman	28.4	28.4	29.0	27.9
Western Dvina	30.4	29.3	30.4	30.4
Western Bug	39.1	38.8	38.7	38.4
Dnieper	34.8	36.1	36.0	34.8

### 5.8. Water abstraction from natural sources for use by selected cities

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	1 548	1 592	1 593	1 514	1 510
City:					
Baranovichy	16	15	15	14	14
Bobruysk	35	34	33	32	29
Borisov	18	18	17	17	17
Brest	30	29	29	28	29
Vitebsk	37	36	35	35	34
Gomel	60	61	55	54	51
Grodno	62	63	60	60	60
Zhodino	10	9	9	10	9
Minsk city	46	47	51	44	45
Mogilev	62	60	51	49	49
Mozyr	25	25	23	23	24
Orsha	17	15	15	15	14
Pinsk	12	10	11	11	10
Soligorsk	11	11	10	9	12
<b>of which groundwater</b>					
Republic of Belarus	854	870	875	851	843
City:					
Baranovichy	14	14	14	13	13
Bobruysk	23	22	21	20	18
Borisov	15	15	14	15	15
Brest	29	27	28	27	27
Vitebsk	32	31	30	31	29
Gomel	37	51	47	46	44
Grodno	33	34	32	32	31
Zhodino	7	6	6	6	6
Minsk city	46	47	50	44	45
Mogilev	40	39	39	37	37
Mozyr	15	14	12	11	10
Orsha	14	12	12	12	11
Pinsk	10	10	9	9	9
Soligorsk	4	3	3	3	3

### 5.9. Water abstraction from natural sources for use by regions, cities and districts

(million cubic metres)

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Republic of Belarus</b>	1 548	1 514	1 510	854	851	843
<b>Brest region</b>	254.3	257.1	260.4	115.0	117.6	117.5
Brest, city of	30.5	28.4	28.5	28.9	27.0	27.3
District:						
Baranovichy	23.4	21.8	23.2	19.3	18.3	17.8
Bereza	47.9	55.4	55.5	7.2	6.8	6.7
Brest	11.0	9.0	6.6	3.6	3.9	3.6
Gantsevichy	38.0	33.7	33.5	2.1	2.2	2.5
Drogichin	4.0	4.0	4.0	2.8	2.8	2.8
Zhabinka	7.0	6.1	7.8	2.3	2.3	2.2
Ivanovo	3.4	7.2	4.9	2.2	4.4	4.1
Ivatsevichy	5.0	6.3	6.4	4.7	4.6	4.6
Kamenets	4.7	4.5	7.3	4.3	4.2	4.1
Kobrin	6.1	6.3	6.1	6.0	6.1	5.9
Luninets	7.4	14.7	14.0	4.2	8.5	8.7
Lyakhovichy	2.3	2.5	2.5	2.3	2.5	2.5
Malorita	6.3	8.9	11.4	1.4	2.2	2.3
Pinsk	45.5	39.0	38.1	13.4	12.5	12.7
Pruzhany	4.7	5.4	5.6	4.7	5.4	5.6
Stolin	7.1	4.0	5.0	5.6	4.0	4.1

Continued

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Vitebsk region</b>	200.5	202.6	200.1	109.8	105.7	104.2
Vitebsk, city of	37.1	34.5	33.6	31.7	30.6	29.2
District:						
Beshenkovichy	0.9	1.0	1.1	0.9	1.0	1.1
Braslav	1.9	2.0	2.1	1.7	1.8	1.9
Verkhnedvinsk	2.2	2.3	2.3	2.2	2.3	2.3
Vitebsk	5.3	5.1	5.8	5.3	5.1	5.8
Glubokoye	9.4	4.2	4.2	4.2	4.2	4.2
Gorodok	1.9	2.5	2.3	1.9	2.5	2.3
Dokshitsy	1.9	2.1	2.2	1.8	1.5	2.2
Dubrovno	1.5	1.4	1.3	1.4	1.3	1.3
Lepel	2.1	2.7	2.5	1.9	2.5	2.4
Liozno	1.4	2.1	2.1	1.4	2.1	2.1
Miory	1.3	1.4	1.4	1.3	1.3	1.3
Orsha	19.2	17.8	17.6	16.6	15.1	14.9
Polotsk	69.0	77.0	82.1	19.4	18.3	18.4
Postavy	16.5	15.5	15.3	4.1	3.0	3.0
Rossony	0.7	0.8	0.7	0.7	0.8	0.7
Senno	3.3	3.1	3.1	2.9	2.3	2.2
Tolochin	3.3	3.1	2.8	3.2	3.0	2.7
Ushachy	0.8	0.9	0.8	0.8	0.9	0.8
Chashniki	17.8	19.8	14.0	3.5	3.0	2.7
Sharkovshchina	1.1	1.1	1.0	1.1	1.1	1.0
Shumilino	1.9	2.2	2.0	1.8	2.1	1.9

Continued

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Gomel region</b>	224.6	210.9	204.5	125.7	136.0	133.6
Gomel, city of	60.4	53.8	50.7	37.2	46.1	43.9
District:						
Bragin	1.2	1.2	1.3	1.2	1.2	1.3
Buda-Koshelyovo	2.8	2.9	2.9	2.8	2.9	2.9
Vetka	2.0	1.7	1.6	2.0	1.7	1.6
Gomel	5.7	5.6	6.6	5.0	4.8	5.8
Dobrush	4.6	6.3	5.4	2.7	4.7	4.1
Yelsk	1.4	1.5	1.3	1.4	1.5	1.3
Zhitkovichy	18.4	19.3	19.1	2.7	2.4	2.2
Zhlobin	12.4	11.8	11.1	10.6	10.0	9.9
Kalinkovichy	5.6	6.2	6.0	5.5	6.2	5.7
Korma	2.0	1.5	1.9	2.0	1.5	1.9
Lelchitsy	1.2	1.2	1.2	1.2	1.2	1.2
Loyev	1.2	1.3	1.3	1.2	1.3	1.3
Mozyr	26.7	25.8	25.2	16.2	12.3	11.7
Narovlya	1.2	1.4	1.3	1.2	1.4	1.3
Oktyabrsky	1.3	1.4	1.4	1.2	1.3	1.4
Petrikov	14.2	16.6	15.1	1.9	2.2	2.1
Rechitsa	10.0	15.6	16.0	9.6	15.1	15.7
Rogachev	6.7	6.3	6.7	5.8	5.7	5.5
Svetlogorsk	41.2	25.7	24.6	9.9	8.6	8.6
Khoyniki	2.8	2.9	2.9	2.8	2.9	2.9
Chechersk	1.6	1.0	1.2	1.6	1.0	1.2



Continued

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Grodno region</b>	141.9	141.3	159.7	98.5	97.2	95.0
Grodno, city of	61.9	60.4	60.1	33.1	32.0	30.9
District:						
Berestovitsa	2.1	2.0	2.4	2.1	2.0	2.0
Volkovysk	11.8	10.7	11.4	8.5	7.7	7.8
Voronovo	4.0	5.0	5.5	1.8	2.0	2.1
Grodno	8.7	8.3	8.1	6.8	6.2	6.0
Dyatlovo	3.5	3.5	3.2	3.1	3.1	2.7
Zelva	2.0	1.7	1.5	2.0	1.7	1.5
Ivye	1.5	1.5	1.5	1.5	1.5	1.5
Korelichy	2.3	2.2	16.1	2.0	2.0	1.9
Lida	13.1	14.0	13.9	12.5	13.1	12.5
Mosty	2.7	2.8	2.8	2.4	2.5	2.5
Novogrudok	3.5	3.5	3.6	3.5	3.5	3.6
Ostrovets	1.0	1.5	1.9	0.7	1.3	1.7
Oshmyany	2.6	2.2	2.3	2.6	2.2	2.3
Svisloch	1.7	1.7	1.4	1.7	1.7	1.4
Slonim	6.6	6.4	9.8	5.8	5.6	5.6
Smorgon	8.7	9.2	8.6	4.6	5.1	4.7
Shchuchin	4.2	4.8	5.6	3.8	4.1	4.1

Continued

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Minsk City</b>	46.3	44.1	45.2	45.9	43.6	44.8
<b>Minsk region</b>	519.5	512.9	498.3	249.0	248.5	247.5
District:						
Berezino	2.7	2.5	2.4	2.6	2.3	2.2
Borisov	21.5	20.9	20.4	18.8	18.6	18.5
Vileyka	93.7	81.5	82.0	4.1	4.5	4.1
Volozhin	3.8	3.8	3.3	3.8	3.8	3.3
Dzerzhinsk	16.1	18.9	20.6	16.0	18.8	20.5
Kletsk	4.4	4.1	4.3	4.4	4.1	4.3
Kopyl	3.3	3.5	3.5	3.3	3.5	3.5
Krupki	2.9	2.3	2.1	2.9	2.3	2.1
Logoysk	3.7	3.9	5.8	3.3	3.8	4.8
Lyuban	64.4	69.5	68.9	4.8	5.2	4.6
Minsk	76.8	76.5	76.6	76.1	75.1	75.4
Molodechno	18.2	16.8	17.0	14.4	13.3	13.3
Myadel	3.9	4.5	4.6	2.9	2.5	2.8
Nesvizh	6.8	7.3	7.3	5.2	5.8	5.8
Pukhovichy	15.6	17.2	19.2	13.7	14.0	14.3
Slutsk	18.3	17.4	16.9	18.2	17.4	16.9
Smolevichy	28.5	26.4	21.7	25.4	22.7	21.7
Soligorsk	96.3	94.7	79.2	6.8	6.0	5.5
Staryie Dorogi	2.4	2.4	2.2	2.4	2.4	2.2
Stolbtsy	6.3	6.5	6.3	4.6	4.8	4.8
Uzda	2.5	3.0	3.0	2.5	3.0	3.0
Cherven	27.4	29.5	28.3	12.8	14.8	14.0

Continued

	Total			Of which groundwater		
	2010	2013	2014	2010	2013	2014
<b>Mogilev region</b>	161.1	145.2	142.3	110.4	102.3	100.2
Mogilev, city of	61.8	49.2	49.0	40.3	37.0	36.6
District:						
Belynichy	2.0	1.9	2.0	2.0	1.9	2.0
Bobruysk	36.9	33.2	30.7	24.7	21.1	19.7
Bykhov	2.8	2.5	2.6	2.8	2.4	2.4
Glusk	1.1	1.0	1.1	1.1	1.0	1.1
Gorki	4.3	4.6	4.0	4.3	4.6	4.0
Dribin	0.9	0.9	0.9	0.9	0.9	0.9
Kirovsk	1.9	2.3	2.9	1.9	1.8	2.0
Klimovichy	3.0	3.4	3.3	3.0	3.2	3.2
Klichev	1.3	1.4	1.2	1.3	1.4	1.2
Kostyukovichy	2.8	2.4	2.4	2.8	2.4	2.4
Krasnopolye	0.8	1.0	0.7	0.8	1.0	0.7
Krichev	4.0	2.8	2.4	2.5	2.1	1.7
Krugloye	1.3	1.5	1.4	1.3	1.5	1.4
Mogilev	4.8	5.7	6.0	4.7	4.5	4.8
Mstislavl	2.3	2.4	2.5	2.3	2.4	2.5
Osipovichy	17.0	17.1	16.8	3.8	3.8	3.7
Slavgorod	3.1	2.4	2.8	3.1	2.4	2.8
Khotimsk	0.9	0.9	0.8	0.9	0.9	0.8
Chausy	1.8	1.6	1.9	1.8	1.6	1.9
Cherikov	1.3	1.4	1.1	1.2	1.3	1.0
Shklov	5.0	5.6	5.7	2.9	3.3	3.4

### 5.10. Water use by regions and Minsk city

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	1 359	1 406	1 442	1 373	1 371
Region:					
Brest	233	258	276	246	250
Vitebsk	172	184	188	187	184
Gomel	197	207	212	189	183
Grodno	128	129	129	129	148
Minsk city	186	188	184	180	180
Minsk	308	311	323	313	302
Mogilev	135	130	130	128	125
<b>Of which: industrial water use</b>					
Republic of Belarus	393	423	429	407	405
Region:					
Brest	27	33	31	30	30
Vitebsk	84	95	98	97	99
Gomel	83	91	96	79	72
Grodno	49	52	52	56	56
Minsk city	51	56	58	54	53
Minsk	47	44	47	47	51
Mogilev	53	52	47	44	44

Continued

	2010	2011	2012	2013	2014
<b>pond fish farming</b>					
Republic of Belarus	357	383	401	372	378
Region:					
Brest	127	146	158	131	137
Vitebsk	18	19	19	19	16
Gomel	28	30	31	28	27
Grodno	7	8	9	9	29
Minsk city	—	—	—	—	—
Minsk	164	167	170	171	154
Mogilev	13	13	15	14	15

**domestic and drinking purposes**

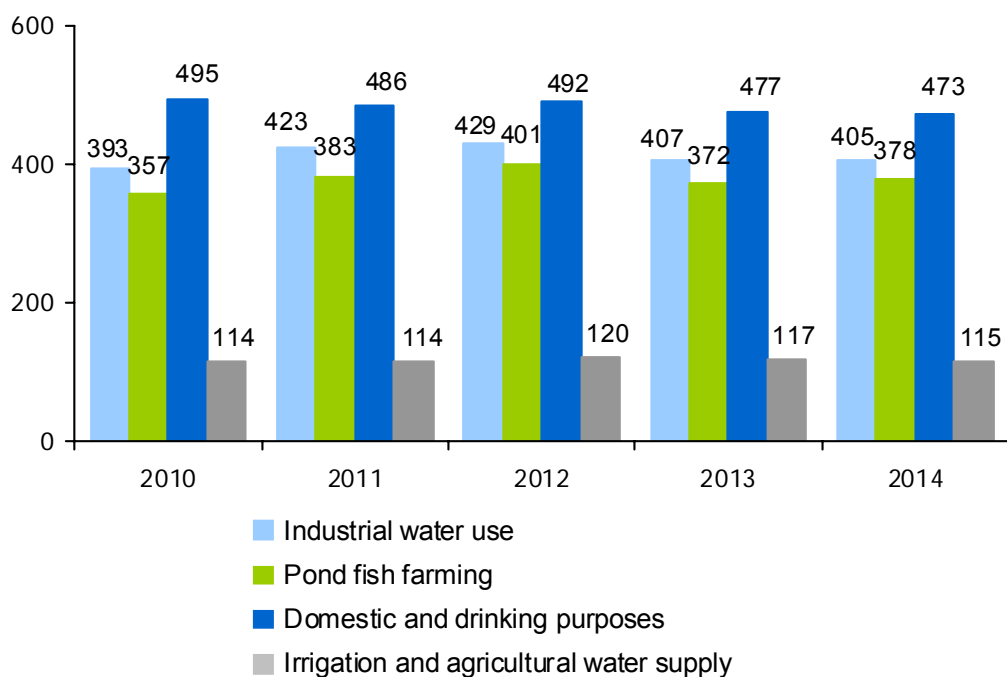
Republic of Belarus	495	486	492	477	473
Region:					
Brest	56	57	63	60	60
Vitebsk	55	54	55	55	53
Gomel	72	69	66	66	65
Grodno	54	54	53	50	49
Minsk city	135	132	126	126	127
Minsk	67	69	75	65	67
Mogilev	56	51	54	55	52

Continued

	2010	2011	2012	2013	2014
<b>irrigation and agricultural water supply</b>					
Republic of Belarus	114	114	120	117	115
Region:					
Brest	24	22	24	25	23
Vitebsk	15	16	16	17	16
Gomel	15	16	19	17	18
Grodno	18	15	15	14	14
Minsk	29	31	31	30	30
Mogilev	13	13	15	15	14

### 5.11. Dynamics of water use

(million cubic metres)



### 5.12. Industrial water use by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Total, million cubic metres</b>					
Republic of Belarus	393	423	429	407	405
Region:					
Brest	27	33	31	30	30
Vitebsk	84	95	98	97	99
Gomel	83	91	96	79	72
Grodno	49	52	52	56	56
Minsk city	51	56	58	54	53
Minsk	47	44	47	47	51
Mogilev	53	52	47	44	44
<b>of which water of drinking quality, million cubic metres</b>					
Republic of Belarus	154	154	169	171	165
Region:					
Brest	18	17	19	19	19
Vitebsk	16	16	19	20	20
Gomel	27	27	30	31	26
Grodno	13	15	18	21	20
Minsk city	31	36	37	36	34
Minsk	30	25	27	28	28
Mogilev	19	18	19	16	18
<b>as percentage of total industrial water use</b>					
Republic of Belarus	39	36	39	42	41
Region:					
Brest	67	52	61	63	63
Vitebsk	19	17	19	21	20
Gomel	33	30	31	39	36
Grodno	27	29	35	38	36
Minsk city	61	64	64	67	64
Minsk	64	57	57	60	55
Mogilev	36	35	40	36	41

### 5.13. Water use for domestic and drinking purposes by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Total, million cubic metres</b>					
Republic of Belarus	495	486	492	477	473
Region:					
Brest	56	57	63	60	60
Vitebsk	55	54	55	55	53
Gomel	72	69	66	66	65
Grodno	54	54	53	50	49
Minsk city	135	132	126	126	127
Minsk	67	69	75	65	67
Mogilev	56	51	54	55	52
<b>Per inhabitant, cubic metres</b>					
Republic of Belarus	52	51	52	50	50
Region:					
Brest	40	41	45	43	43
Vitebsk	45	45	45	45	44
Gomel	50	48	46	46	46
Grodno	51	51	50	48	46
Minsk city	73	71	67	66	66
Minsk	47	49	53	47	47
Mogilev	51	47	50	51	49



### 5.14. Water use by selected cities

(million cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	1 359	1 406	1 442	1 373	1 371
City:					
Baranovichy	11	10	12	12	12
Bobruysk	31	31	30	28	27
Borisov	14	14	13	13	13
Brest	22	20	24	24	24
Vitebsk	30	29	29	29	27
Gomel	47	44	45	45	42
Grodno	54	55	53	54	55
Zhodino	9	8	8	9	8
Minsk city	186	188	184	180	180
Mogilev	47	42	39	39	38
Mozyr	21	19	18	17	18
Orsha	13	12	11	12	12
Pinsk	10	8	10	10	9
Soligorsk	15	15	15	14	17

### 5.15. Industrial water use by selected cities

	2010	2011	2012	2013	2014
<b>Total, million cubic metres</b>					
Republic of Belarus	393	423	429	407	405
City:					
Baranovichy	3	2	3	3	2
Bobruysk	15	16	15	15	14
Borisov	6	4	4	5	5
Brest	6	4	6	6	6
Vitebsk	8	8	8	9	9
Gomel	17	17	18	19	17
Grodno	32	32	31	33	34
Zhodino	4	4	4	4	3
Minsk city	51	56	58	54	53
Mogilev	26	25	17	17	17
Mozyr	15	11	12	10	11
Orsha	4	4	4	5	6
Pinsk	3	1	3	3	3
Soligorsk	7	8	7	7	10

Continued

	2010	2011	2012	2013	2014
<b>of which water of drinking quality, million cubic metres</b>					
Republic of Belarus	154	154	169	171	165
City:					
Baranovichy	1	1	2	1	1
Bobruysk	3	3	3	2	3
Borisov	2	2	1	2	2
Brest	4	4	4	4	5
Vitebsk	3	3	4	5	5
Gomel	8	8	11	11	10
Grodno	4	4	4	5	5
Zhodino	0.6	0.5	0.6	0.7	1
Minsk city	31	36	37	36	34
Mogilev	6	5	5	5	6
Mozyr	5	4	4	3	3
Orsha	2	2	2	3	3
Pinsk	1	1	1	1	1
Soligorsk	0.5	0.5	0.6	0.5	1
<b>as percentage of total industrial water use</b>					
Republic of Belarus	39	36	39	42	41
City:					
Baranovichy	33	50	67	33	50
Bobruysk	20	19	20	13	21
Borisov	33	50	25	40	40
Brest	67	100	67	67	83
Vitebsk	38	38	50	56	56
Gomel	47	47	61	58	59
Grodno	13	13	13	15	15
Zhodino	15	13	15	18	33
Minsk City	61	64	64	67	64
Mogilev	23	20	29	29	35
Mozyr	33	36	33	30	27
Orsha	50	50	50	60	50
Pinsk	33	100	33	33	33
Soligorsk	7	6	8	7	10

### 5.16. Water use for domestic and drinking purposes by selected cities

	2010	2011	2012	2013	2014
<b>Total, million cubic metres</b>					
Republic of Belarus	495	486	492	477	473
City:					
Baranovichy	8	8	9	10	10
Bobruysk	16	16	15	13	13
Borisov	8	9	9	9	8
Brest	17	16	19	19	18
Vitebsk	22	21	20	20	19
Gomel	30	27	26	26	24
Grodno	23	22	22	21	20
Zhodino	6	5	4	4	4
Minsk city	135	132	126	126	127
Mogilev	21	18	22	23	22
Mozyr	6	7	6	6	6
Orsha	8	8	7	7	6
Pinsk	7	7	7	7	6
Soligorsk	7	7	7	7	7
<b>Per inhabitant, cubic metres</b>					
Republic of Belarus	52	51	52	50	50
City:					
Baranovichy	47	47	55	56	55
Bobruysk	76	73	67	60	60
Borisov	54	62	61	60	58
Brest	53	49	57	56	55
Vitebsk	60	59	55	54	50
Gomel	59	53	51	49	46
Grodno	68	65	63	58	56
Zhodino	89	76	71	68	69
Minsk city	73	71	67	66	66
Mogilev	59	49	59	61	58
Mozyr	56	65	53	56	58
Orsha	63	57	52	57	49
Pinsk	54	52	51	49	45
Soligorsk	71	70	71	67	68

### 5.17. Water use by regions, cities and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	1 359	1 406	1 442	1 373	1 371
<b>Brest region</b>	233.4	257.8	275.8	246.3	250.1
Brest, city of	22.2	20.0	24.2	24.1	24.3
District:					
Baranovichy	17.8	17.1	19.8	19.2	20.9
Bereza	47.4	57.1	71.3	55.1	55.3
Brest	10.7	11.1	8.7	9.7	7.4
Gantsevichy	37.6	40.6	40.6	33.4	33.1
Drogichin	3.6	3.5	3.6	3.9	3.8
Zhabinka	6.8	6.8	6.8	6.0	7.7
Ivanovo	4.0	4.1	5.1	6.8	4.5
Ivatsevichy	4.4	7.7	7.6	5.7	6.2
Kamenets	4.3	4.0	4.3	4.4	7.2
Kobrin	5.7	5.8	5.9	5.9	5.8
Luninets	7.1	18.7	13.6	14.3	13.7
Lyakhovichy	2.2	2.2	2.5	2.4	2.3
Malorita	6.1	7.7	9.8	8.8	11.3
Pinsk	43.9	43.9	41.8	28.2	36.8
Pruzhany	4.1	4.0	4.6	5.1	5.0
Stolin	5.5	3.5	5.1	3.7	4.8

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	172.0	184.0	188.5	187.3	183.9
Vitebsk, city of	29.6	29.0	28.6	29.0	27.3
District:					
Beshenkovichy	0.8	0.8	0.8	0.9	0.9
Braslav	1.8	1.9	1.7	1.8	1.9
Verkhnedvinsk	1.9	2.0	2.1	2.1	2.1
Vitebsk	4.3	3.6	4.6	4.2	4.4
Glubokoye	8.6	3.5	3.7	3.7	3.8
Gorodok	1.8	2.2	2.3	2.3	2.1
Dokshitsy	1.8	1.8	1.7	1.9	2.1
Dubrovno	1.4	1.4	1.3	1.3	1.2
Lepel	1.6	1.6	2.1	2.3	2.1
Liozno	1.4	1.6	2.1	2.1	2.1
Miory	1.2	1.2	1.2	1.3	1.3
Orsha	15.0	14.9	14.2	14.6	14.6
Polotsk	57.9	72.8	77.2	74.8	79.8
Postavy	15.7	15.6	15.5	15.1	15.0
Rossony	0.6	0.6	0.6	0.8	0.6
Senno	3.4	2.6	3.2	3.0	3.0
Tolochin	2.8	2.5	2.6	2.8	2.5
Ushachy	0.8	0.8	0.9	0.8	0.7
Chashniki	16.9	20.9	18.7	19.4	13.6
Sharkovshchina	1.0	1.0	1.1	1.0	1.0
Shumilino	1.7	1.9	2.1	2.0	1.9

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	197.0	207.1	212.3	189.5	183.1
Gomel, city of	46.5	43.6	44.6	44.9	41.5
District:					
Bragin	1.1	1.0	0.9	1.1	1.2
Buda-Koshelyovo	2.4	2.6	2.6	2.7	2.6
Vetka	1.7	1.6	1.5	1.5	1.3
Gomel	6.0	5.4	6.0	5.2	6.3
Dobrush	4.9	5.0	6.5	5.9	4.9
Yelsk	1.2	1.2	1.3	1.3	1.2
Zhitkovichy	18.1	19.4	18.9	15.9	15.7
Zhlobin	10.6	11.4	11.0	10.1	9.6
Kalinkovichy	5.1	5.2	5.1	5.7	5.5
Korma	1.7	2.1	1.9	1.3	1.7
Lelchitsy	1.1	1.1	1.1	1.2	1.1
Loyev	1.1	1.0	1.1	1.2	1.1
Mozyr	22.4	23.9	24.3	24.4	23.8
Narovlya	1.1	1.1	1.2	1.2	1.2
Oktyabrsky	1.2	1.5	1.4	1.2	1.3
Petrikov	14.0	15.1	16.4	16.4	15.0
Rechitsa	8.5	13.8	14.0	14.2	14.6
Rogachev	5.2	5.1	6.4	5.6	5.9
Svetlogorsk	39.4	41.7	43.2	24.9	23.7
Khoyniki	2.2	3.0	1.9	2.8	2.7
Chechersk	1.5	1.2	1.1	0.9	1.1

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	127.7	128.7	128.6	129.4	147.7
Grodno, city of	54.4	54.7	53.3	54.1	54.6
District:					
Berestovitsa	2.0	1.9	1.91	1.8	2.2
Volkovysk	10.7	10.4	9.7	9.5	10.2
Voronovo	3.9	4.9	4.8	4.9	5.4
Grodno	8.1	8.1	8.0	8.3	8.1
Dyatlovo	3.4	3.2	3.1	3.4	2.9
Zelva	1.9	1.5	1.6	1.6	1.4
Ivye	1.4	1.3	2.1	1.4	1.4
Korelichy	2.2	2.1	2.2	2.1	16.1
Lida	11.5	12.5	11.7	13.0	12.3
Mosty	2.6	2.8	2.7	2.6	2.6
Novogrudok	3.3	3.1	3.2	3.1	3.2
Ostrovets	1.0	1.5	1.5	1.6	1.8
Oshmyany	2.5	2.0	2.0	2.1	2.2
Svisloch	1.5	1.2	1.6	1.6	1.3
Slonim	5.2	5.3	5.9	5.6	8.9
Smorgon	8.1	8.0	8.0	8.3	7.6
Shchuchin	4.0	4.3	5.5	4.5	5.3

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	186.0	188.4	184.5	179.9	179.5
<b>Minsk region</b>	307.9	310.8	322.6	312.6	301.5
District:					
Berezino	2.6	2.5	2.8	2.5	1.3
Borisov	17.2	16.4	16.0	16.8	16.4
Vileyka	4.0	3.8	3.8	4.6	3.8
Volozhin	3.7	3.5	3.3	3.6	3.2
Dzerzhinsk	6.0	4.9	5.4	5.4	6.1
Kletsk	4.1	3.9	3.9	3.9	4.3
Kopyl	3.2	3.1	3.2	3.2	3.2
Krupki	2.7	2.7	2.4	2.1	2.0
Logoysk	3.1	3.5	7.1	3.0	5.0
Lyuban	64.0	63.4	64.2	68.7	68.6
Minsk	12.4	13.7	18.5	14.0	15.4
Molodechno	15.1	15.2	17.3	14.2	15.2
Myadel	3.6	5.6	5.6	4.3	4.5
Nesvizh	6.3	6.5	6.8	6.8	6.9
Pukhovichy	7.9	8.4	10.2	9.0	10.9
Slutsk	10.2	12.1	9.2	9.7	9.6
Smolevichy	14.5	13.0	14.7	14.1	13.6
Soligorsk	100.0	101.2	100.7	99.5	84.5
Staryie Dorogi	2.3	2.2	2.1	2.1	2.0
Stolbtsy	6.1	6.1	6.3	6.1	5.9
Uzda	2.1	2.3	2.2	2.3	2.3
Cherven	16.8	16.7	16.8	16.8	16.9



Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	134.9	129.6	130.2	128.1	125.0
Mogilev, city of	47.0	42.5	38.6	39.2	38.4
District:					
Belynychy	1.6	1.8	1.9	1.7	1.9
Bobruysk	32.3	32.7	31.3	29.2	28.4
Bykhov	2.5	2.6	2.4	2.2	2.2
Glusk	1.0	0.9	0.9	0.9	0.9
Gorki	3.6	3.6	3.9	4.1	3.6
Dribin	0.8	0.8	0.7	0.8	0.8
Kirovsk	1.8	2.6	2.7	2.2	2.9
Klimovichy	2.8	2.8	3.1	3.1	3.0
Klichev	1.1	1.1	1.3	1.3	1.2
Kostyukovichy	2.2	2.4	2.1	2.2	2.3
Krasnopolye	0.7	0.7	0.8	0.9	0.7
Krichev	3.3	3.1	4.8	3.5	2.1
Krugloye	1.0	1.0	1.1	1.3	1.2
Mogilev	4.2	3.7	5.6	5.7	5.8
Mstislavl	2.1	1.8	1.8	2.0	2.5
Osipovichy	16.3	16.2	16.9	16.8	16.2
Slavgorod	2.8	2.2	2.4	2.4	2.6
Khotimsk	0.6	0.5	0.7	0.8	0.7
Chausy	1.6	1.9	1.5	1.4	1.6
Cherikov	1.1	1.1	1.3	1.4	1.1
Shklov	4.5	3.8	4.8	4.9	5.2

### 5.18. Industrial water use by regions, cities and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	393	423	429	407	405
<b>Brest region</b>	27.0	32.9	30.9	30.3	30.1
Brest, city of	5.6	4.4	5.7	5.6	5.8
District:					
Baranovichy	3.2	2.8	3.8	3.3	3.0
Bereza	4.9	4.7	4.2	3.4	3.8
Brest	0.4	0.5	0.7	0.7	0.3
Gantsevichy	0.1	0.3	0.2	0.3	0.2
Drogichin	0.4	0.3	0.3	0.4	0.5
Zhabinka	1.3	1.3	1.1	1.0	1.0
Ivanovo	1.1	1.5	1.5	1.8	1.2
Ivatsevichy	1.1	1.1	1.2	1.0	1.1
Kamenets	0.5	0.4	0.4	0.5	0.5
Kobrin	1.1	0.7	0.9	1.0	1.1
Luninets	1.2	8.9	4.5	5.0	5.2
Lyakhovichy	0.5	0.7	0.6	0.6	0.7
Malorita	0.0	0.8	0.6	0.6	0.7
Pinsk	3.6	3.4	3.3	3.5	3.2
Pruzhany	0.7	0.5	0.8	0.9	0.8
Stolin	1.3	0.9	1.0	0.7	0.8

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	83.6	95.4	98.0	97.0	99.3
Vitebsk, city of	8.0	7.6	8.4	8.9	8.7
District:					
Beshenkovichy	0.1	0.1	0.1	0.1	0.0
Braslav	0.2	0.1	0.1	0.1	0.1
Verkhnedvinsk	0.5	0.5	0.6	0.6	0.6
Vitebsk	1.1	0.6	1.2	1.2	1.3
Glubokoye	1.4	1.4	1.4	1.3	1.2
Gorodok	0.2	0.2	0.3	0.4	0.3
Dokshitsy	0.2	0.2	0.1	0.2	0.2
Dubrovno	0.1	0.2	0.1	0.2	0.1
Lepel	0.5	0.5	0.6	0.6	0.6
Liozno	0.2	0.2	0.4	0.4	0.2
Miory	0.2	0.2	0.2	0.2	0.2
Orsha	4.6	4.6	4.7	5.6	6.4
Polotsk	46.6	61.3	64.4	61.7	66.4
Postavy	0.7	1.5	1.2	0.8	0.7
Rossony	0.0	0.0	0.0	0.0	0.0
Senno	1.6	1.3	1.3	1.0	1.1
Tolochin	1.8	1.3	1.2	1.4	1.5
Ushachy	0.2	0.2	0.3	0.3	0.1
Chashniki	14.9	13.0	10.8	11.3	9.0
Sharkovshchina	0.2	0.1	0.1	0.1	0.0
Shumilino	0.2	0.3	0.4	0.4	0.3

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	82.7	90.9	96.0	78.6	72.4
Gomel, city of	16.9	16.8	18.4	19.4	17.2
District:					
Bragin	0.3	0.2	0.1	0.1	0.1
Buda-Koshelyovo	0.4	0.4	0.4	0.4	0.3
Vetka	0.1	0.3	0.4	0.5	0.4
Gomel	1.3	1.4	1.4	1.1	0.8
Dobrush	2.3	2.2	2.7	2.3	1.8
Yelsk	0.3	0.2	0.4	0.4	0.1
Zhitkovichy	1.0	0.6	0.6	0.8	0.6
Zhlobin	4.0	4.7	4.4	3.6	3.1
Kalinkovichy	1.1	1.1	1.1	1.3	1.2
Korma	0.5	0.6	0.4	0.2	0.3
Lelchitsy	0.1	0.1	0.2	0.1	0.2
Loyev	0.1	0.0	0.1	0.1	0.2
Mozyr	15.2	15.5	16.6	16.8	16.0
Narovlya	0.3	0.3	0.2	0.5	0.4
Oktyabrsky	0.2	0.2	0.2	0.2	0.3
Petrikov	0.2	0.3	0.3	0.3	0.2
Rechitsa	2.4	6.9	8.3	8.3	8.3
Rogachev	2.1	2.2	2.6	2.3	2.4
Svetlogorsk	32.7	35.1	36.5	18.6	17.3
Khoyniki	0.9	1.5	0.7	1.4	1.2
Chechersk	0.3	0.3	0.2	0.2	0.1

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	48.6	51.6	52.1	56.2	56.0
Grodno, city of	31.7	32.3	31.3	33.4	34.4
District:					
Berestovitsa	0.4	0.4	0.8	0.8	0.7
Volkovysk	4.7	5.1	4.9	4.9	5.0
Voronovo	0.1	0.1	0.1	0.2	0.4
Grodno	2.3	2.5	2.6	2.5	2.6
Dyatlovo	1.0	1.0	1.1	1.1	1.3
Zelva	0.0	0.3	0.4	0.4	0.5
Ivye	0.1	0.1	0.1	0.1	0.1
Korelichy	0.6	0.7	0.8	1.1	0.8
Lida	3.0	3.9	3.4	5.0	3.8
Mosty	0.3	0.5	0.5	0.5	0.3
Novogrudok	0.7	0.6	1.0	0.6	0.7
Ostrovets	0.4	0.5	0.4	0.4	0.4
Oshmyany	0.6	0.6	0.6	0.7	0.7
Svisloch	0.0	0.1	0.1	0.1	0.1
Slonim	1.4	1.5	1.5	1.4	1.5
Smorgon	0.7	0.6	1.5	1.8	1.4
Shchuchin	0.5	0.7	1.0	1.1	1.2

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	50.9	55.9	58.3	54.0	53.0
<b>Minsk region</b>	47.2	43.8	47.3	47.0	50.6
District:					
Berezino	0.8	1.0	1.2	0.8	0.6
Borisov	6.1	4.7	4.7	5.1	4.9
Vileyka	0.6	0.4	0.5	1.0	0.6
Volozhin	0.7	0.6	0.6	0.7	0.7
Dzerzhinsk	0.5	0.4	0.5	1.0	0.7
Kletsk	1.0	1.1	1.0	0.9	1.3
Kopyl	0.6	0.7	0.8	0.5	0.3
Krupki	0.8	0.4	0.3	0.2	0.2
Logoysk	0.6	0.4	0.4	0.4	0.5
Lyuban	2.2	2.3	2.2	1.9	2.0
Minsk	4.5	2.7	3.7	4.6	4.5
Molodechno	3.8	3.7	5.7	3.2	3.9
Myadel	0.4	0.3	0.4	0.3	0.4
Nesvizh	1.6	1.8	1.7	1.4	1.5
Pukhovichy	3.4	3.9	5.7	4.5	6.3
Slutsk	3.3	3.5	2.6	4.2	3.9
Smolevichy	5.9	4.5	4.9	6.5	5.8
Soligorsk	8.6	9.5	9.0	7.8	10.8
Staryie Dorogi	0.3	0.3	0.2	0.3	0.2
Stolbtsy	1.0	0.8	0.7	0.8	0.6
Uzda	0.2	0.3	0.3	0.4	0.3
Cherven	0.4	0.3	0.4	0.6	0.4

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	53.3	52.2	46.6	43.7	44.0
Mogilev, city of	25.9	24.7	16.7	16.6	16.8
District:					
Belynichy	0.3	0.3	0.4	0.3	0.3
Bobruysk	14.6	15.7	15.4	14.7	14.2
Bykhov	0.8	0.8	0.9	0.7	0.6
Glusk	0.1	0.1	0.1	0.1	0.1
Gorki	0.5	0.5	0.5	0.5	1.0
Dribin	0.1	0.1	0.0	0.0	0.0
Kirovsk	0.5	0.6	0.6	0.5	0.7
Klimovichy	1.0	1.1	1.2	1.1	0.9
Klichev	0.2	0.2	0.2	0.3	0.2
Kostyukovichy	1.3	1.3	0.8	0.9	1.3
Krasnopolye	0.0	0.0	0.0	0.1	0.2
Krichev	1.7	1.5	3.1	1.7	0.9
Krugloye	0.1	0.1	0.2	0.3	0.1
Mogilev	1.2	0.8	0.5	0.8	0.7
Mstislavl	0.1	0.2	0.2	0.2	0.4
Osipovichy	1.0	0.9	1.1	1.0	1.1
Slavgorod	1.0	0.7	0.8	0.8	1.0
Khotimsk	0.1	0.1	0.2	0.2	0.1
Chausy	0.4	0.4	0.3	0.2	0.2
Cherikov	0.1	0.2	0.4	0.1	0.5
Shklov	2.4	1.9	2.9	2.7	2.7

### 5.19. Water use for pond fish farming by regions and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	357	383	401	372	378
<b>Brest region</b>	126.5	145.7	157.9	130.9	136.7
District:					
Baranovichy	2.8	2.6	2.9	2.3	4.4
Bereza	38.8	48.5	63.2	47.7	47.7
Brest	5.9	5.4	2.9	3.3	3.3
Gantsevichy	36.0	39.0	39.0	31.5	31.0
Drogichin	1.2	1.2	1.2	1.2	1.2
Zhabinka	3.9	3.9	3.9	3.2	4.9
Ivanovo	1.2	0.4	0.4	2.7	0.7
Ivatsevichy	0.0	1.6	1.6	1.4	1.4
Kamenets	0.4	0.2	0.2	0.3	3.2
Kobrin	0.0	0.1	0.2	0.2	0.2
Luninets	0.0	7.1	5.7	6.1	5.3
Lyakhovichy	0.2	0.0	0.0	0.0	0.0
Malorita	4.9	5.6	7.8	6.8	9.1
Pinsk	29.7	29.9	27.7	24.2	23.5
Pruzhany	0.0	0.0	0.0	0.0	0.0
Stolin	1.4	0.2	1.3	0.0	0.9
<b>Vitebsk region</b>	17.9	18.6	19.2	19.2	16.0
District:					
Braslav	0.2	0.2	0.1	0.1	0.2
Glubokoye	5.2	0.0	0.0	0.0	0.0
Polotsk	0.3	0.3	0.3	0.4	0.3
Postavy	12.3	12.3	12.3	12.3	12.3
Senno	0.0	0.6	0.6	0.6	0.6
Chashniki	0.0	5.8	5.8	5.8	2.6
<b>Gomel region</b>	28.1	30.5	31.1	28.1	27.1
District:					
Zhitkovichy	15.8	17.3	16.7	13.7	13.7
Petrikov	12.3	13.2	14.4	14.4	13.0
Rogachev	0.0	0.0	0.0	0.0	0.4



Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	7.2	8.5	8.5	9.0	29.0
District:					
Berestovitsa	0.0	0.0	0.0	0.0	0.4
Volkovysk	0.5	0.5	0.5	0.5	1.4
Voronovo	2.2	3.0	3.0	3.0	3.5
Grodno	0.5	0.5	0.5	0.5	0.5
Korelichy	0.0	0.0	0.0	0.0	13.9
Lida	0.0	0.1	0.1	0.5	0.9
Slonim	0.0	0.0	0.0	0.0	3.3
Smorgon	3.7	3.6	3.6	3.7	3.5
Shchuchin	0.4	0.7	0.7	0.7	1.5
<b>Minsk region</b>	164.4	166.7	169.5	170.4	154.2
District:					
Berezino	0.3	0.3	0.0	0.0	0.0
Vileyka	0.4	0.4	0.4	0.4	0.3
Logoysk	0.7	0.6	3.2	1.0	2.3
Lyuban	59.5	59.5	59.5	64.3	64.3
Minsk	0.4	0.4	0.7	0.7	0.6
Molodechno	3.8	4.1	4.2	3.6	3.8
Myadel	1.0	3.0	3.1	2.0	1.9
Nesvizh	0.8	0.8	0.8	0.8	0.8
Soligorsk	82.2	82.2	82.2	82.2	64.5
Stolbtsy	1.5	1.5	1.5	1.5	1.5
Cherven	14.0	14.0	14.0	14.0	14.3
<b>Mogilev region</b>	12.6	13.4	14.6	14.3	14.8
District:					
Kirovsk	0.0	0.8	0.8	0.5	1.0
Mogilev	0.0	0.0	1.2	1.2	1.2
Osipovichy	12.6	12.6	12.6	12.6	12.6

### 5.20. Water use for domestic and drinking purposes by regions, cities and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	495	486	492	477	473
<b>Brest region</b>	55.7	56.7	63.1	60.4	60.2
Brest, city of	16.6	15.7	18.6	18.5	18.4
District:					
Baranovichy	9.3	9.2	10.9	11.1	11.0
Bereza	3.1	3.2	3.0	3.0	2.8
Brest	1.3	1.5	1.6	1.5	1.8
Gantsevichy	1.1	1.1	1.2	1.4	1.4
Drogichin	0.7	0.7	0.8	0.9	1.0
Zhabinka	1.0	0.9	1.0	1.0	1.1
Ivanovo	0.6	1.1	1.9	1.2	1.1
Ivatsevichy	2.0	3.7	3.6	2.0	2.4
Kamenets	1.3	1.6	1.7	1.5	1.4
Kobrin	3.3	3.2	3.1	3.0	2.7
Luninets	2.1	2.0	2.6	2.4	2.5
Lyakhovichy	0.9	0.9	0.9	0.9	0.9
Malorita	0.7	0.8	0.9	0.8	0.8
Pinsk	8.3	8.2	8.0	7.6	7.2
Pruzhany	1.7	1.8	1.8	1.9	1.9
Stolin	1.7	1.3	1.5	1.7	1.5

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	55.4	54.4	55.1	54.6	52.7
Vitebsk, city of	21.7	21.4	20.2	20.0	18.6
District:					
Beshenkovichy	0.2	0.3	0.3	0.3	0.4
Braslav	0.5	0.6	0.6	0.6	0.7
Verkhnedvinsk	0.6	0.6	0.7	0.7	0.6
Vitebsk	1.3	1.1	1.5	1.4	1.5
Glubokoye	1.0	0.9	1.1	1.1	1.2
Gorodok	0.7	0.9	0.9	0.8	0.7
Dokshitsy	0.8	0.8	0.9	0.9	1.2
Dubrovno	0.6	0.6	0.6	0.6	0.6
Lepel	1.0	1.0	1.1	1.1	1.1
Liozno	0.7	0.8	0.8	0.8	1.0
Miory	0.4	0.5	0.4	0.5	0.5
Orsha	8.9	8.8	8.3	7.6	6.5
Polotsk	10.4	10.5	11.6	11.8	12.0
Postavy	1.8	1.0	1.2	1.1	1.1
Rossony	0.4	0.4	0.4	0.5	0.4
Senno	0.7	0.4	0.6	0.7	0.7
Tolochin	0.8	0.8	0.9	1.0	0.9
Ushachy	0.4	0.4	0.3	0.4	0.4
Chashniki	1.4	1.4	1.6	1.8	1.4
Sharkovshchina	0.1	0.2	0.2	0.2	0.2
Shumilino	1.0	1.0	1.1	0.8	0.7

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	71.7	69.2	66.1	65.7	65.3
Gomel, city of	29.6	26.9	26.2	25.5	24.3
District:					
Bragin	0.4	0.5	0.5	0.7	0.8
Buda-Koshelyovo	0.7	0.9	0.8	0.9	0.9
Vetka	1.0	0.8	0.6	0.6	0.6
Gomel	1.7	1.5	1.4	1.7	2.4
Dobrush	2.0	1.9	1.8	1.6	1.6
Yelsk	0.6	0.6	0.5	0.5	0.6
Zhitkovichy	1.2	1.1	1.4	1.2	1.2
Zhlobin	5.7	5.7	5.6	5.4	5.4
Kalinkovichy	3.0	3.0	2.8	3.3	3.2
Korma	0.9	1.1	1.2	0.7	0.9
Lelchitsy	0.4	0.5	0.6	0.6	0.4
Loyev	0.5	0.5	0.6	0.6	0.5
Mozyr	6.5	7.6	6.4	6.7	6.9
Narovlya	0.6	0.6	0.2	0.5	0.7
Oktyabrsky	0.6	0.7	0.7	0.5	0.5
Petrikov	1.0	1.0	1.0	1.0	1.1
Rechitsa	5.2	5.4	4.1	4.4	4.5
Rogachev	2.5	2.2	2.7	2.4	2.2
Svetlogorsk	5.8	5.7	5.6	5.4	5.3
Khoyniki	0.8	0.8	0.9	1.0	1.0
Chechersk	1.0	0.5	0.6	0.5	0.5

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	54.3	53.8	53.3	50.2	48.9
Grodno, city of	22.7	22.4	22.0	20.7	20.1
District:					
Berestovitsa	0.7	0.6	0.6	0.5	0.6
Volkovysk	4.4	3.9	3.8	3.6	3.4
Voronovo	0.5	0.6	0.6	0.6	0.6
Grodno	2.3	2.3	2.2	2.7	2.3
Dyatlovo	1.1	1.1	1.1	1.4	1.0
Zelva	0.6	0.7	0.6	0.6	0.5
Ivye	0.7	0.7	1.3	0.7	0.7
Korelichy	0.7	0.7	0.7	0.6	0.7
Lida	7.5	7.5	7.4	6.6	6.8
Mosty	1.5	1.6	1.4	1.3	1.4
Novogrudok	1.8	1.8	1.3	1.9	1.8
Ostrovets	0.1	0.5	0.5	0.6	0.7
Oshmyany	1.4	0.9	0.9	1.0	1.0
Svisloch	0.9	0.8	0.8	0.8	0.6
Slonim	2.7	2.8	3.3	3.0	3.1
Smorgon	3.2	3.2	2.2	2.0	2.1
Shchuchin	1.5	1.6	2.7	1.6	1.6

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	135.1	132.5	126.1	125.9	126.6
<b>Minsk region</b>	67.0	69.0	74.6	65.4	66.7
District:					
Berezino	0.9	0.7	1.1	1.1	0.2
Borisov	9.2	10.1	10.1	10.1	9.7
Vileyka	1.6	1.5	1.7	1.9	1.8
Volozhin	1.1	1.1	1.1	1.1	1.1
Dzerzhinsk	3.5	2.8	3.0	2.8	3.0
Kletsk	2.0	1.7	1.7	1.6	1.7
Kopyl	0.9	1.0	0.9	1.0	1.1
Krupki	0.6	0.6	0.7	0.8	0.7
Logoyisk	1.2	1.9	3.0	1.2	1.2
Lyuban	1.1	0.6	1.3	1.2	1.1
Minsk	6.3	7.8	11.0	6.8	7.9
Molodechno	6.3	6.3	6.4	6.3	6.3
Myadel	1.3	1.3	1.3	1.3	1.4
Nesvizh	2.2	2.1	2.3	2.2	2.4
Pukhovichy	3.3	3.2	3.3	3.1	3.2
Slutsk	4.9	6.6	4.6	3.5	3.6
Smolevichy	7.9	6.7	7.8	6.7	7.1
Soligorsk	8.2	8.4	8.4	8.0	8.1
Staryie Dorogi	1.3	1.1	1.0	0.9	0.9
Stolbtsy	1.6	1.7	2.1	2.0	2.1
Uzda	0.7	0.9	0.8	0.8	0.8
Cherven	0.9	1.0	1.1	1.1	1.2

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	55.6	50.7	54.0	55.0	52.4
Mogilev, city of	21.1	17.6	21.7	22.5	21.5
District:					
Belynichy	0.5	0.6	0.6	0.7	0.7
Bobruysk	16.9	16.2	15.0	13.6	13.5
Bykhov	1.2	1.3	1.0	1.1	1.0
Glusk	0.6	0.5	0.5	0.5	0.5
Gorki	1.8	2.1	1.9	2.0	1.5
Dribin	0.4	0.4	0.4	0.4	0.5
Kirovsk	0.4	0.5	0.5	0.5	0.5
Klimovichy	1.0	0.8	0.8	1.0	0.9
Klichev	0.4	0.4	0.4	0.4	0.4
Kostyukovichy	0.9	1.0	0.8	0.9	1.0
Krasnopolye	0.4	0.3	0.3	0.3	0.2
Krichev	1.2	1.3	1.3	1.3	1.1
Krugloye	0.4	0.4	0.4	0.4	0.5
Mogilev	1.8	1.7	1.9	1.8	1.7
Mstislavl	0.7	0.4	0.5	0.7	0.5
Osipovichy	2.2	2.4	2.7	2.7	2.1
Slavgorod	1.1	0.9	1.1	1.2	1.3
Khotimsk	0.1	0.0	0.2	0.3	0.3
Chausy	0.6	0.7	0.6	0.8	0.7
Cherikov	0.5	0.5	0.5	0.7	0.4
Shklov	1.4	1.0	1.0	1.4	1.5

### 5.21. Water use for irrigation and agricultural water supply by regions and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	114	114	120	117	115
<b>Brest region</b>	24.4	22.5	23.9	24.8	23.1
District:					
Baranovichy	2.4	2.5	2.6	2.6	2.4
Bereza	0.6	0.7	0.9	1.0	1.0
Brest	3.1	3.7	3.6	4.1	1.9
Gantsevichy	0.4	0.2	0.2	0.2	0.5
Drogichin	1.3	1.3	1.2	1.4	1.2
Zhabinka	0.7	0.7	0.8	0.8	0.7
Ivanovo	1.2	1.2	1.3	1.1	1.5
Ivatsevichy	1.4	1.3	1.2	1.2	1.2
Kamenets	2.1	1.9	2.0	2.1	2.0
Kobrin	1.3	1.8	1.8	1.8	1.8
Luninets	3.8	0.8	0.8	0.7	0.8
Lyakhovichy	0.6	0.7	1.0	0.8	0.7
Malorita	0.5	0.6	0.6	0.6	0.7
Pinsk	2.2	2.4	2.9	2.6	2.9
Pruzhany	1.7	1.7	2.0	2.3	2.2
Stolin	1.1	1.1	1.2	1.3	1.6



Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	15.0	15.7	16.2	16.6	15.9
District:					
Beshenkovichy	0.5	0.4	0.5	0.5	0.5
Braslav	0.8	0.9	0.9	1.0	1.0
Verkhnedvinsk	0.8	0.9	0.9	0.9	0.9
Vitebsk	1.9	1.9	1.9	1.5	1.6
Glubokoye	1.0	1.2	1.2	1.3	1.3
Gorodok	0.9	1.1	1.1	1.1	1.0
Dokshitsy	0.8	0.8	0.7	0.9	0.7
Dubrovno	0.6	0.6	0.6	0.5	0.6
Lepel	0.1	0.1	0.4	0.5	0.4
Liozno	0.4	0.6	0.9	0.8	0.8
Miory	0.6	0.6	0.6	0.6	0.6
Orsha	1.5	1.6	1.4	1.3	1.6
Polotsk	0.6	0.7	0.9	0.9	0.8
Postavy	1.0	0.9	0.7	1.0	0.9
Rossony	0.2	0.2	0.2	0.2	0.1
Senno	1.1	0.8	0.7	0.7	0.7
Tolochin	0.2	0.4	0.5	0.5	0.1
Ushachy	0.2	0.2	0.2	0.2	0.2
Chashniki	0.6	0.6	0.6	0.6	0.5
Sharkovshchina	0.7	0.7	0.8	0.7	0.7
Shumilino	0.5	0.6	0.7	0.8	0.9

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	14.9	16.4	19.0	17.1	18.2
District:					
Bragin	0.4	0.3	0.4	0.4	0.4
Buda-Koshelyovo	1.3	1.2	1.4	1.4	1.4
Vetka	0.6	0.6	0.4	0.4	0.3
Gomel	3.1	2.6	3.2	2.5	3.1
Dobrush	0.6	0.9	2.0	2.0	1.6
Yelsk	0.4	0.4	0.5	0.5	0.5
Zhitkovichy	0.1	0.4	0.2	0.2	0.2
Zhlobin	0.9	1.0	1.0	1.1	1.1
Kalinkovichy	1.1	1.2	1.2	1.1	1.1
Korma	0.3	0.5	0.3	0.4	0.5
Lelchitsy	0.6	0.5	0.4	0.5	0.5
Loyev	0.5	0.5	0.5	0.5	0.5
Mozyr	0.8	0.8	1.3	0.9	0.9
Narovlya	0.2	0.3	0.8	0.2	0.2
Oktyabrsky	0.4	0.6	0.5	0.5	0.5
Petrikov	0.5	0.6	0.7	0.7	0.7
Rechitsa	0.9	1.5	1.7	1.5	1.8
Rogachev	0.6	0.7	1.0	0.9	0.9
Svetlogorsk	0.9	1.0	1.2	0.9	1.2
Khoyniki	0.5	0.7	0.3	0.4	0.4
Chechersk	0.2	0.3	0.3	0.3	0.5

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	17.5	14.9	14.7	14.0	13.9
District:					
Berestovitsa	0.9	0.9	0.6	0.5	0.6
Volkovysk	1.1	0.9	0.6	0.5	0.4
Voronovo	1.1	1.1	1.1	1.0	0.9
Grodno	3.0	2.8	2.8	2.5	2.8
Dyatlovo	1.3	1.1	0.9	0.9	0.6
Zelva	1.2	0.5	0.6	0.6	0.4
Ivye	0.6	0.5	0.7	0.6	0.6
Korelichy	0.9	0.7	0.7	0.4	0.6
Lida	1.0	0.9	0.8	0.9	0.8
Mosty	0.8	0.6	0.7	0.9	0.9
Novogrudok	0.8	0.8	0.8	0.6	0.7
Ostrovets	0.5	0.6	0.6	0.6	0.7
Oshmyany	0.6	0.4	0.4	0.5	0.5
Svisloch	0.6	0.4	0.6	0.7	0.6
Slonim	1.0	1.0	1.1	1.1	1.0
Smorgon	0.5	0.6	0.7	0.7	0.6
Shchuchin	1.6	1.4	1.1	1.1	1.1

Continued

	2010	2011	2012	2013	2014
<b>Minsk region</b>	29.2	31.3	31.2	29.9	29.9
District:					
Berezino	0.6	0.5	0.5	0.5	0.6
Borisov	1.9	1.5	1.3	1.7	1.8
Vileyka	1.5	1.4	1.2	1.4	1.0
Volozhin	1.9	1.8	1.6	1.7	1.3
Dzerzhinsk	2.0	1.7	1.9	1.5	2.3
Kletsk	1.1	1.2	1.2	1.4	1.4
Kopyl	1.7	1.5	1.6	1.6	1.7
Krupki	1.3	1.7	1.4	1.2	1.1
Logoyisk	0.7	0.7	0.5	0.4	0.9
Lyuban	1.2	1.1	1.2	1.2	1.1
Minsk	1.2	2.8	3.1	2.0	2.3
Molodechno	1.2	1.1	1.0	1.2	1.1
Myadel	0.9	0.9	0.9	0.7	0.8
Nesvizh	1.8	1.8	2.1	2.3	2.3
Pukhovichy	1.2	1.3	1.2	1.5	1.4
Slutsk	2.0	2.1	2.1	2.1	2.1
Smolevichy	0.6	1.8	2.0	0.9	0.7
Soligorsk	1.0	1.1	1.1	1.4	1.0
Staryie Dorogi	0.8	0.8	0.9	0.9	0.9
Stolbtsy	2.0	2.0	2.0	1.9	1.7
Uzda	1.1	1.1	1.1	1.2	1.2
Cherven	1.5	1.4	1.3	1.2	1.0

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	13.4	13.3	15.0	15.0	13.8
District:					
Belynychy	0.8	0.8	0.8	0.8	0.9
Bobruysk	0.8	0.9	0.8	0.8	0.6
Bykhov	0.5	0.5	0.4	0.4	0.6
Glusk	0.3	0.3	0.3	0.3	0.3
Gorki	1.3	1.0	1.5	1.5	1.1
Dribin	0.3	0.3	0.3	0.3	0.3
Kirovsk	0.9	0.7	0.8	0.7	0.8
Klimovichy	0.9	0.9	1.1	1.1	1.2
Klichev	0.5	0.4	0.6	0.6	0.5
Kostyukovichy	0.1	0.1	0.6	0.5	0.0
Krasnopolye	0.3	0.3	0.5	0.5	0.3
Krichev	0.4	0.4	0.4	0.4	0.1
Krugloye	0.4	0.5	0.5	0.6	0.6
Mogilev	1.2	1.1	1.9	1.9	2.1
Mstislavl	1.3	1.2	1.1	1.2	1.5
Osipovichy	0.5	0.5	0.6	0.6	0.5
Slavgorod	0.7	0.7	0.5	0.5	0.2
Khotimsk	0.4	0.3	0.3	0.4	0.3
Chausy	0.6	0.8	0.6	0.5	0.6
Cherikov	0.5	0.4	0.3	0.5	0.2
Shklov	0.7	0.9	0.9	0.7	1.0

## 5.22. Water use by economic activity

(million cubic metres)

	2010	2011	2012	2013	2014
Total	1 359	1 406	1 442	1 373	1 371
of which:					
agriculture, hunting and forestry	159	162	168	158	150
fishery	337	363	382	360	368
mining	14	27	23	22	16
manufacturing	234	238	229	222	229
of which:					
manufacture of food including beverages, and tobacco	67	69	63	66	63
manufacture of textiles and textile articles	26	22	13	14	14
processing of wood and manufacture of products of wood	4	3	3	3	3
manufacture of pulp and paper; publishing	19	20	22	18	18
manufacture of coke, petroleum products and nuclear materials	16	24	28	23	27
manufacture of chemicals and chemical products	49	48	44	45	56
manufacture of rubber and plastics products	7	8	8	7	8
manufacture of other non- metallic mineral products	13	13	14	11	11
manufacture of basic metals and fabricated metal products	5	5	5	4	4
manufacture of machinery and equipment	11	11	12	13	11
manufacture of transport vehicles and equipment	7	7	8	8	8
electricity, gas and water supply	549	567	600	575	565
construction	3	2	4	3	3
trade; repair of motor vehicles and household and personal goods	2	2	1	1	2
transport and communications	9	5	5	7	6
community, social and personal services	23	26	18	16	22

### 5.23. Water loss during transport by regions and Minsk city

(million cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	102	84	84	83	82
Region:					
Brest	7	6	7	6	6
Vitebsk	18	11	11	8	8
Gomel	14	14	13	12	12
Grodno	7	6	6	7	7
Minsk city	27	20	20	25	25
Minsk	14	12	14	14	13
Mogilev	15	14	13	10	11

### 5.24. Water loss during transport by selected cities

(million cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	102	84	84	83	82
City:					
Baranovichy	2	2	1	1	1
Bobruysk	3	3	3	2	2
Borisov	2	2	2	2	2
Brest	2	2	3	2	2
Vitebsk	3	3	3	3	3
Gomel	8	7	5	4	4
Grodno	3	3	3	3	3
Zhodino	1	0.0	0.4	0.4	0.0
Minsk city	27	20	20	25	25
Mogilev	9	9	8	5	6
Mozyr	1	1	1	1	1
Orsha	4	3	3	1	1
Pinsk	1	1	1	1	1
Soligorsk	1	1	0.4	0.5	0.0

### 5.25. Circulating and recycling (successive) water supply by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Million cubic metres</b>					
Republic of Belarus	6 385	5 973	5 616	5 690	5 804
Region:					
Brest	575	505	385	312	575
Vitebsk	2 293	2 105	1 846	2 008	1 708
Gomel	1 104	1 067	1 135	1 093	1 126
Grodno	802	803	772	780	799
Minsk city	793	721	701	725	682
Minsk	351	361	388	414	583
Mogilev	467	412	389	357	332
<b>As percentage of total industrial water use</b>					
Republic of Belarus	94	93	93	93	93
Region:					
Brest	96	94	93	91	95
Vitebsk	96	96	95	95	95
Gomel	93	92	92	93	94
Grodno	94	94	94	93	93
Minsk city	94	93	92	93	93
Minsk	88	89	89	90	92
Mogilev	90	89	89	89	88



### 5.26. Circulating and recycling (successive) water supply by selected cities

	2010	2011	2012	2013	2014
<b>Million cubic metres</b>					
Republic of Belarus	6 385	5 973	5 616	5 690	5 804
City:					
Baranovichy	17	16	17	17	17
Bobruysk	157	153	159	153	132
Borisov	22	18	16	17	15
Brest	23	20	21	23	24
Vitebsk	19	18	13	15	12
Gomel	400	366	366	361	329
Grodno	718	724	699	712	718
Zhodino	5	5	5	4	4
Minsk city	793	721	701	725	681
Mogilev	277	222	192	178	175
Mozyr	307	176	220	209	220
Orsha	3	3	3	2	1
Pinsk	12	11	12	12	15
Soligorsk	97	97	86	76	104
<b>As percentage of total industrial water use</b>					
Republic of Belarus	94	93	93	93	93
City:					
Baranovichy	85	89	85	85	89
Bobruysk	91	91	91	91	90
Borisov	79	82	80	77	75
Brest	79	83	78	79	80
Vitebsk	70	69	62	63	57
Gomel	96	96	95	95	95
Grodno	96	96	96	96	95
Zhodino	56	56	56	50	57
Minsk city	94	93	92	93	93
Mogilev	91	90	92	91	91
Mozyr	95	94	95	95	95
Orsha	43	43	43	29	14
Pinsk	80	92	80	80	83
Soligorsk	93	92	92	92	91

### 5.27. Circulating and recycling (successive) water supply by regions, cities and districts

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	6 385	5 973	5 616	5 690	5 804
<b>Brest region</b>	574.8	504.8	384.9	312.5	574.7
Brest, city of	23.0	20.2	20.7	22.8	23.7
District:					
Baranovichy	17.2	16.4	17.9	18.2	18.7
Bereza	439.3	370.1	234.0	205.2	470.6
Brest	0.1	1.1	3.4	1.5	1.4
Gantsevichy	–	0.0	0.0	2.1	2.1
Drogichin	2.8	2.9	2.9	3.0	2.9
Zhabinka	14.2	15.1	15.6	15.0	13.6
Ivanovo	47.0	46.2	61.1	12.1	3.2
Ivatsevichy	0.4	0.8	0.5	0.8	0.6
Kamenets	0.2	0.3	0.1	0.2	3.7
Kobrin	1.4	0.3	0.2	0.3	0.8
Luninets	6.0	5.8	4.7	8.0	7.9
Lyakhovichy	0.4	0.2	0.6	0.7	0.6
Malorita	–	0.1	0.1	0.1	0.1
Pinsk	18.7	21.6	19.1	18.8	21.8
Pruzhany	0.8	0.6	0.8	1.2	1.2
Stolin	3.3	3.3	3.4	2.7	2.6

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	2 292.7	2 105.2	1 845.6	2 008.5	1 707.7
Vitebsk, city of	18.6	18.4	12.6	14.9	12.3
District:					
Beshenkovichy	0.0	0.0	0.0	–	0.0
Braslav	1.2	1.1	0.1	0.0	0.0
Verkhnedvinsk	–	–	0.0	0.0	0.0
Vitebsk	0.1	0.1	0.1	0.1	0.2
Glubokoye	5.6	5.5	5.7	1.7	1.3
Gorodok	0.1	0.0	0.0	0.1	0.0
Dokshitsy	–	–	0.0	–	0.0
Dubrovno	–	0.1	0.1	0.1	0.1
Lepel	2.5	6.3	6.5	6.5	6.3
Liozno	0.0	0.0	0.0	0.0	0.0
Miory	0.3	0.3	0.3	0.3	0.3
Orsha	3.4	3.6	3.5	2.8	1.2
Polotsk	443.5	431.2	448.7	441.2	427.5
Postavy	5.5	5.5	5.5	5.4	5.2
Rossony	–	–	0.0	–	0.1
Senno	0.1	0.1	0.1	0.2	0.2
Tolochin	0.3	0.3	0.1	0.1	0.2
Ushachy	–	–	0.0	–	0.0
Chashniki	1 811.5	1 632.6	1 362.3	1 534.9	1 252.8
Sharkovshchina	–	–	0.0	0.1	0.0
Shumilino	–	0.0	0.0	0.0	0.0

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	1 103.9	1 067.0	1 135.0	1 092.9	1 125.8
Gomel, city of	399.9	366.3	365.9	361.4	329.1
District:					
Bragin	—	—	—	—	—
Buda-Koshelyovo	0.1	0.0	0.1	0.0	0.1
Vetka	—	0.0	0.0	0.1	0.1
Gomel	4.4	4.2	0.1	0.1	0.1
Dobrush	0.4	0.5	5.1	2.9	5.6
Yelsk	—	—	0.3	0.1	0.1
Zhitkovichy	0.2	0.2	0.0	0.2	0.1
Zhlobin	279.3	292.9	302.3	282.0	324.8
Kalinkovichy	1.4	2.7	2.4	2.4	1.0
Korma	—	—	0.0	—	0.2
Lelchitsy	0.6	0.9	0.7	0.7	0.1
Loyev	—	—	0.0	—	0.0
Mozyr	307.4	281.5	336.6	323.1	334.6
Narovlya	0.0	—	0.2	—	0.0
Oktyabrsky	1.0	1.0	1.0	1.3	1.7
Petrikov	—	0.1	0.1	0.1	0.2
Rechitsa	29.6	44.4	53.6	38.1	33.6
Rogachev	4.3	2.9	3.1	3.1	3.0
Svetlogorsk	75.2	69.5	63.7	77.1	91.3
Khoyniki	0.1	0.0	0.0	0.3	0.3
Chechersk	—	—	0.0	—	0.0

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	802.3	802.5	772.4	779.8	799.0
Grodno, city of	717.9	724.0	699.2	711.9	718.4
District:					
Berestovitsa	0.1	0.1	0.0	0.0	0.0
Volkovysk	19.0	19.0	19.3	19.1	19.6
Voronovo	—	0.0	0.0	—	0.0
Grodno	12.5	13.3	11.4	12.1	11.6
Dyatlovo	0.7	0.7	0.0	0.0	0.0
Zelva	—	—	0.0	—	0.0
Ivye	—	—	0.0	0.1	0.1
Korelichy	0.5	0.1	0.9	0.9	0.9
Lida	23.2	19.0	15.4	12.6	25.6
Mosty	0.5	0.4	0.5	0.3	0.2
Novogrudok	2.5	—	3.2	3.1	3.1
Ostrovets	2.0	2.0	2.0	2.0	2.0
Oshmyany	1.2	1.2	0.1	0.0	0.0
Svisloch	0.2	0.1	0.2	0.2	0.2
Slonim	21.5	20.1	18.4	16.0	15.6
Smorgon	0.4	0.4	0.3	0.3	0.3
Shchuchin	0.1	2.1	1.6	1.2	1.3

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	793.1	720.8	701.4	725.2	681.5
<b>Minsk region</b>	351.5	360.6	388.0	413.9	583.1
District:					
Berezino	0.6	5.2	5.2	4.9	4.9
Borisov	24.2	19.7	16.9	17.7	15.9
Vileyka	0.8	0.8	0.7	0.9	0.2
Volozhin	1.2	1.2	1.1	0.1	0.1
Dzerzhinsk	0.9	0.5	0.4	0.4	0.3
Kletsk	3.8	3.8	3.5	3.5	6.9
Kopyl	0.1	0.1	0.0	0.0	0.0
Krupki	0.1	0.1	0.1	—	0.0
Logoyisk	1.4	1.4	1.4	1.4	1.5
Lyuban	11.8	11.7	11.6	11.4	1.1
Minsk	2.9	2.7	2.7	1.7	1.9
Molodechno	6.2	5.2	5.5	4.3	3.0
Myadel	0.2	0.2	0.2	0.2	0.2
Nesvizh	11.9	12.5	9.4	9.5	11.1
Pukhovichy	146.5	163.3	198.9	239.4	395.9
Slutsk	29.8	26.8	35.9	35.1	19.0
Smolevichy	9.5	5.3	5.2	4.4	3.8
Soligorsk	97.4	98.1	87.3	76.9	115.4
Staryie Dorogi	0.1	0.0	0.0	0.1	0.1
Stolbtsy	1.6	1.6	1.6	1.6	1.6
Uzda	—	—	0.0	—	0.0
Cherven	0.5	0.5	0.3	0.3	0.2

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	467.1	412.5	389.0	357.4	331.7
Mogilev, city of	277.1	222.5	191.9	178.4	175.0
District:					
Belynichy	–	–	0.0	0.0	0.0
Bobruysk	157.9	153.0	159.5	152.8	132.0
Bykhov	0.3	0.8	0.9	0.7	0.6
Glusk	0.4	–	0.3	0.1	0.0
Gorki	0.9	1.2	0.9	0.1	0.1
Dribin	–	–	0.0	–	0.0
Kirovsk	0.1	0.1	0.1	0.1	0.3
Klimovichy	0.3	0.2	0.5	0.7	0.5
Klichev	0.0	0.0	0.0	0.0	0.0
Kostyukovichy	1.1	4.9	0.7	0.9	0.9
Krasnopolye	–	–	0.0	–	0.0
Krichev	7.8	7.3	7.4	10.5	10.0
Krugloye	–	–	0.0	–	0.0
Mogilev	0.5	0.5	0.5	–	0.0
Mstislavl	0.5	0.1	0.1	0.2	0.2
Osipovichy	5.1	5.1	4.8	4.7	4.8
Slavgorod	0.5	–	0.0	–	0.0
Khotimsk	0.0	–	0.0	–	0.0
Chausy	0.2	0.5	0.2	1.0	0.4
Cherikov	0.5	2.5	0.0	0.0	0.0
Shklov	13.9	13.7	20.6	7.4	7.0

### 5.28. Circulating and recycling (successive) water supply by economic activity

(million cubic metres)

	2010	2011	2012	2013	2014
Total	6 385	5 973	5 616	5 690	5 804
of which:					
agriculture, hunting and forestry	81	93	100	29	11
fishery	24	24	25	34	30
mining	154	167	164	141	39
manufacturing	2 579	2 476	2 553	2 484	2 619
of which:					
manufacture of food including beverages, and tobacco	357	254	244	239	238
processing of wood; manufacture of products of wood	10	2	9	8	8
manufacture of pulp and paper; publishing	56	59	66	54	54
manufacture of coke, petroleum products and nuclear materials	332	349	416	401	431
manufacture of chemicals and chemical products	1 011	1 005	1 109	1 089	1 183
manufacture of rubber and plastics products	88	92	104	91	85
manufacture of other non- metallic mineral products	57	55	54	70	65
manufacture of basic metals and fabricated metal products	290	302	313	293	325
manufacture of machinery and equipment	139	137	144	138	118
manufacture of transport vehicles and equipment	62	64	62	57	54
electricity, gas and water supply	3 524	3 197	2 757	2 994	3 099
construction	3	1	4	4	1
trade; repair of motor vehicles and household and personal goods	13	11	9	1	1
transport and communications	3	3	3	2	3



**5.29. Waste water disposal by regions and Minsk city**

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	1 052	1 066	1 078	1 034	1 011
Region:					
Brest	171	182	188	167	172
Vitebsk	131	139	141	138	137
Gomel	161	163	167	144	139
Grodno	107	106	101	103	115
Minsk city	172	174	179	174	168
Minsk	206	198	198	202	185
Mogilev	104	104	103	106	96
<b>of which:</b>					
<b>into water bodies</b>					
Republic of Belarus	967	979	993	951	931
Region:					
Brest	157	167	174	153	158
Vitebsk	122	130	130	128	127
Gomel	144	143	147	124	119
Grodno	89	90	87	89	103
Minsk city	172	174	179	174	168
Minsk	186	178	179	183	166
Mogilev	97	97	97	99	90
<b>into groundwater</b>					
<b>(using agricultural sewage farms, absorption fields, holding ponds and other waste water receivers)</b>					
Republic of Belarus	85	87	85	84	80
Region:					
Brest	14	15	15	14	14
Vitebsk	9	9	10	10	9
Gomel	17	20	20	20	20
Grodno	18	16	15	14	12
Minsk	20	20	19	20	19
Mogilev	7	7	6	6	6

**5.30. Waste water disposal by selected cities**

(million cubic metres)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	1 052	1 066	1 078	1 034	1 011
City:					
Baranovichy	10	11	12	13	13
Bobruysk	27	26	24	26	21
Borisov	15	14	13	14	14
Brest	33	32	29	30	28
Vitebsk	31	31	30	31	30
Gomel	55	50	49	48	48
Grodno	50	49	46	49	43
Zhodino	7	7	7	7	7
Minsk city	172	174	179	174	168
Mogilev	45	45	46	48	43
Mozyr	18	18	20	19	18
Orsha	13	11	12	9	11
Pinsk	12	11	11	11	10
Soligorsk	9	9	9	8	8
<b>of which into water bodies</b>					
Republic of Belarus	967	979	993	951	931
City:					
Baranovichy	10	11	12	13	13
Bobruysk	27	26	24	26	21
Borisov	15	14	13	14	14
Brest	33	32	29	30	28
Vitebsk	31	31	30	31	30
Gomel	55	50	49	47	48
Grodno	50	48	46	49	43
Zhodino	8	7	7	7	7
Minsk city	172	174	179	174	168
Mogilev	45	45	46	47	43
Mozyr	18	18	20	19	18
Orsha	12	11	12	9	11
Pinsk	12	11	11	11	10
Soligorsk	9	9	9	8	8

### 5.31. Waste water disposal by regions, cities and districts

(million cubic metres)

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Republic of Belarus</b>	1 052	1 034	1 011	967	951	931
<b>Brest region</b>	171.2	167.0	171.8	156.5	152.7	158.0
Brest, city of	32.7	29.9	27.7	32.7	29.9	27.7
District:						
Baranovichy	13.8	15.9	18.3	12.3	14.3	16.7
Bereza	41.9	36.9	36.9	41.5	36.5	36.5
Brest	4.2	3.5	3.5	2.7	1.9	1.9
Gantsevichy	7.0	11.2	11.3	6.9	11.1	11.1
Drogichin	1.7	1.9	1.8	1.2	1.5	1.5
Zhabinka	5.6	4.2	6.2	3.9	2.5	4.6
Ivanovo	1.7	4.7	2.6	1.0	3.9	1.8
Ivatsevichy	2.9	3.8	3.6	2.0	3.0	2.9
Kamenets	2.8	2.4	5.2	0.7	0.4	3.4
Kobrin	3.8	3.3	3.2	2.8	2.7	2.6
Luninets	2.5	10.4	9.9	1.9	9.9	9.0
Lyakhovichy	0.9	1.2	1.2	0.6	0.7	0.6
Malorita	5.1	5.0	8.3	5.0	5.0	8.6
Pinsk	37.8	28.3	30.5	37.0	27.5	29.7
Pruzhany	2.7	2.8	2.8	1.7	1.9	2.0
Stolin	4.1	1.7	2.3	2.6	0.2	0.8

Continued

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Vitebsk region</b>	131.2	138.0	136.5	122.3	128.2	127.2
Vitebsk, city of	30.8	31.0	29.6	30.8	31.0	29.5
District:						
Beshenkovichy	0.3	0.4	0.3	0.2	0.2	0.2
Braslav	0.7	0.7	0.7	0.6	0.6	0.6
Verkhnedvinsk	0.8	0.9	1.1	0.3	0.3	0.3
Vitebsk	1.8	1.5	1.4	1.0	0.7	0.7
Glubokoye	2.3	2.6	2.4	1.1	1.0	1.0
Gorodok	1.2	1.6	1.2	0.7	1.0	0.8
Dokshitsy	0.9	1.0	0.7	0.3	0.4	0.3
Dubrovno	0.5	0.4	0.4	0.1	0.0	0.2
Lepel	1.4	1.3	1.4	1.1	1.1	1.1
Liozno	0.2	0.8	0.7	–	–	0.0
Miory	0.8	0.8	0.8	0.1	0.1	0.1
Orsha	14.1	10.4	12.7	12.9	9.5	11.6
Polotsk	55.3	61.8	62.0	54.8	61.2	61.3
Postavy	10.9	10.9	11.1	10.4	10.1	10.3
Rossony	0.2	0.2	0.2	0.2	0.2	0.2
Senno	1.4	1.3	1.5	1.2	1.3	1.4
Tolochin	1.4	1.2	1.0	1.0	0.8	0.8
Ushachy	0.5	0.5	0.4	0.3	0.3	0.3
Chashniki	4.6	7.8	5.8	4.4	7.6	5.6
Sharkovshchina	0.3	0.3	0.3	0.2	0.2	0.2
Shumilino	0.8	0.9	0.8	0.6	0.7	0.7

Continued

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Gomel region</b>	161.2	144.3	138.7	144.1	124.4	119.3
Gomel, city of	55.2	47.7	47.9	54.9	47.4	47.9
District:						
Bragin	0.3	0.3	0.5	—	—	—
Buda-Koshelyovo	1.1	1.0	1.0	0.7	0.8	0.7
Vetka	0.6	0.7	0.7	—	0.1	0.1
Gomel	1.7	2.0	2.4	0.0	0.0	0.1
Dobrush	3.0	2.3	2.2	0.2	0.1	0.1
Yelsk	0.2	0.5	0.3	—	—	—
Zhitkovichy	10.1	9.7	9.4	10.0	9.5	9.2
Zhlobin	9.9	9.7	9.5	9.3	9.4	9.2
Kalinkovichy	0.7	0.8	0.7	—	—	—
Korma	0.7	0.7	0.6	—	—	—
Lelchitsy	0.5	0.4	0.4	—	—	—
Loyev	0.5	0.4	0.4	0.0	0.3	0.3
Mozyr	18.8	20.0	18.6	18.0	19.3	18.0
Narovlya	0.6	0.6	0.6	—	—	—
Oktyabrsky	0.4	0.5	0.4	0.1	0.1	0.1
Petrikov	10.6	13.0	11.1	9.9	12.7	10.9
Rechitsa	5.7	10.4	10.7	3.9	3.7	3.6
Rogachev	3.4	3.4	3.5	2.6	2.5	2.6
Svetlogorsk	35.7	18.8	16.5	33.3	17.4	15.4
Khoyniki	1.2	1.1	0.8	0.9	0.8	0.6
Chechersk	0.3	0.4	0.3	0.3	0.3	0.3

Continued

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Grodno region</b>	107.1	103.3	114.8	89.5	89.4	102.6
Grodno, city of	50.1	48.8	43.5	49.8	48.7	43.3
District:						
Berestovitsa	1.4	0.9	1.1	0.5	0.4	0.7
Volkovysk	7.7	7.0	6.6	5.5	4.8	4.4
Voronovo	2.4	2.8	3.1	1.7	2.3	2.8
Grodno	5.2	5.1	4.9	1.7	2.0	2.1
Dyatlovo	1.9	1.8	1.6	0.6	0.7	0.7
Zelva	1.1	0.6	0.6	0.2	0.2	0.3
Ivye	0.4	0.4	0.4	0.3	0.3	0.3
Korelichy	1.4	1.1	14.9	0.6	0.6	14.4
Lida	12.3	13.2	13.8	11.2	12.5	13.1
Mosty	1.6	1.2	1.2	0.9	0.7	0.7
Novogrudok	2.6	2.5	2.5	2.0	2.1	2.1
Ostrovets	0.5	0.8	0.8	0.2	0.5	0.6
Oshmyany	1.7	1.3	1.2	1.2	0.9	0.9
Svisloch	1.0	0.8	0.7	–	–	0.0
Slonim	7.6	6.6	8.9	6.7	6.1	8.5
Smorgon	5.5	5.5	5.3	5.0	5.1	4.9
Shchuchin	2.7	2.8	3.8	1.4	1.7	2.7

Continued

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Minsk city</b>	172.0	173.9	168.0	172.0	173.9	168.0
<b>Minsk region</b>	206.2	202.4	184.9	185.7	182.8	165.8
District:						
Berezino	0.6	1.2	1.2	–	–	0.0
Borisov	15.7	15.0	14.3	15.2	14.1	13.6
Vileyka	1.6	1.7	1.8	1.4	1.6	1.5
Volozhin	1.3	1.3	1.4	0.3	0.7	0.9
Dzerzhinsk	2.9	3.1	3.3	2.4	2.5	2.7
Kletsk	1.6	1.4	1.5	1.0	0.5	0.4
Kopyl	1.3	0.9	0.9	0.7	0.7	0.7
Krupki	1.2	0.9	0.7	0.4	0.6	0.5
Logoysk	1.2	1.4	1.3	0.8	1.1	1.1
Lyuban	27.7	32.2	32.4	27.0	31.7	32.0
Minsk	5.0	6.0	5.7	0.2	0.2	0.2
Molodechno	13.2	12.2	12.8	12.0	11.2	11.7
Myadel	3.0	3.4	3.4	2.6	3.0	3.0
Nesvizh	3.5	3.5	3.4	1.8	1.9	2.0
Pukhovichy	4.0	3.7	4.3	3.0	3.1	3.5
Slutsk	10.0	10.7	10.8	8.2	9.7	9.7
Smolevichy	11.7	10.4	10.3	10.9	9.7	9.5
Soligorsk	81.8	81.1	63.5	81.4	80.6	62.8
Staryie Dorogi	0.8	0.7	0.7	0.5	0.5	0.5
Stolbtsy	2.8	3.0	2.9	2.1	2.4	2.3
Uzda	0.8	1.0	1.0	0.1	0.1	0.0
Cherven	14.5	7.7	7.5	13.7	7.1	7.1

Continued

	Total			Of which into water bodies		
	2010	2013	2014	2010	2013	2014
<b>Mogilev region</b>	103.7	105.5	96.3	96.7	99.4	90.3
Mogilev, city of	45.1	47.5	43.5	44.9	47.4	43.4
District:						
Belynychy	0.6	0.7	0.7	–	–	0.0
Bobruysk	26.7	25.8	21.2	26.6	25.7	21.0
Bykhov	1.1	0.9	0.8	0.9	0.9	0.8
Glusk	0.8	0.7	0.6	–	0.3	0.3
Gorki	1.7	1.7	1.7	1.6	1.5	1.6
Dribin	0.4	0.4	0.3	0.2	0.2	0.2
Kirovsk	0.3	0.9	0.8	0.2	0.8	0.7
Klimovichy	1.2	1.8	1.6	0.2	0.5	0.2
Klichev	0.2	0.3	0.2	–	–	0.0
Kostyukovichy	1.4	1.3	1.2	1.3	1.2	1.0
Krasnopolye	0.2	0.2	0.2	–	0.2	0.2
Krichev	2.5	1.9	1.8	2.4	1.9	1.8
Krugloye	0.3	0.5	0.3	–	–	0.0
Mogilev	0.9	1.0	1.2	0.4	0.7	0.7
Mstislavl	0.5	0.6	0.5	0.3	0.4	0.4
Osipovichy	13.7	13.6	13.7	13.4	13.4	13.5
Slavgorod	0.7	0.5	0.7	–	–	0.0
Khotimsk	0.3	0.2	0.1	0.2	0.2	0.1
Chausy	0.7	0.7	0.7	0.4	0.4	0.4
Cherikov	0.8	0.7	0.7	0.2	0.2	0.2
Shklov	3.6	3.7	3.8	3.5	3.6	3.5



### 5.32. Waste water disposal into water bodies by economic activity

(million cubic metres)

	2010	2011	2012	2013	2014
Total	967	979	993	951	931
of which:					
agriculture, hunting and forestry	12	18	31	12	10
fishery	236	242	243	239	246
mining	1	1	3	3	4
manufacturing	106	104	102	100	92
of which:					
manufacture of food including beverages, and tobacco	13	11	7	8	7
manufacture of pulp and paper; publishing	3	3	3	2	3
manufacture of coke, petroleum products and nuclear materials	30	29	32	32	29
manufacture of chemicals and chemical products	56	57	56	53	51
manufacture of rubber and plastics products	4	4	4	3	2
electricity, gas and water supply	556	573	585	569	548
construction	1	2	1	1	1
trade; repair of motor vehicles and household and personal goods	1	1	0.0	0.0	0.0
transport and communications	2	1	1	1	0.0
community, social and personal services	31	33	26	26	29

### 5.33. Waste water disposal into water bodies by degree of treatment by regions and Minsk city

	2010	2011	2012	2013	2014
<b>Total, million cubic metres</b>					
Republic of Belarus	967	979	993	951	931
Region:					
Brest	157	167	174	153	158
Vitebsk	122	130	130	128	127
Gomel	144	143	147	124	119
Grodno	89	90	87	89	103
Minsk city	172	174	179	174	168
Minsk	186	178	179	183	166
Mogilev	97	97	97	99	90
<b>of which: not requiring treatment</b>					
Republic of Belarus	290	311	323	294	293
Region:					
Brest	87	97	106	81	89
Vitebsk	28	40	40	41	43
Gomel	39	41	42	27	22
Grodno	5	6	7	7	26
Minsk city	0.0	0.0	0.0	9	1
Minsk	119	114	116	118	100
Mogilev	12	12	12	12	12
<b>treated according to standards</b>					
Republic of Belarus	671	662	666	654	635
Region:					
Brest	70	70	67	72	68
Vitebsk	93	89	90	88	85
Gomel	105	102	104	98	97
Grodno	83	82	79	82	76
Minsk city	172	172	179	165	167
Minsk	64	61	62	62	63
Mogilev	84	85	84	87	78

Continued

	2010	2011	2012	2013	2014
<b>insufficiently treated</b>					
Republic of Belarus	6	6	3	3	3
Region:					
Brest	0.0	–	0.0	0.1	0.3
Vitebsk	1	0.5	0.0	0.1	0.1
Gomel	0.1	0.1	0.2	0.1	0.0
Grodno	1	1	1	0.1	0.0
Minsk city	–	1	–	–	–
Minsk	3	3	2	2	3
Mogilev	1	0.4	0.3	0.5	0.3
<b>Insufficiently treated as percentage of total waste water subject to treatment</b>					
Republic of Belarus	1	1	0.4	0.5	0.5
Region:					
Brest	0.03	–	0.1	0.1	0.4
Vitebsk	1	0.5	0.1	0.1	0.1
Gomel	0.1	0.1	0.2	0.1	0.0
Grodno	1	1	1.1	0.1	0.0
Minsk city	–	1	–	–	–
Minsk	4	5	3	3	4.5
Mogilev	1	1	0.4	0.6	0.4

### 5.34. Disposal of insufficiently treated waste water into water bodies per inhabitant by regions and Minsk city

(cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	0.6	0.6	0.4	0.3	0.4
Region:					
Brest	0.0	–	0.1	0.1	0.2
Vitebsk	1.0	0.4	0.1	0.1	0.1
Gomel	0.1	0.1	0.1	0.1	0.0
Grodno	0.9	0.8	0.9	0.0	0.0
Minsk city	–	0.8	–	–	–
Minsk	1.8	1.8	1.3	1.5	1.9
Mogilev	0.4	0.4	0.3	0.5	0.3

### 5.35. Disposal of waste water treated according to standards into water bodies by selected cities

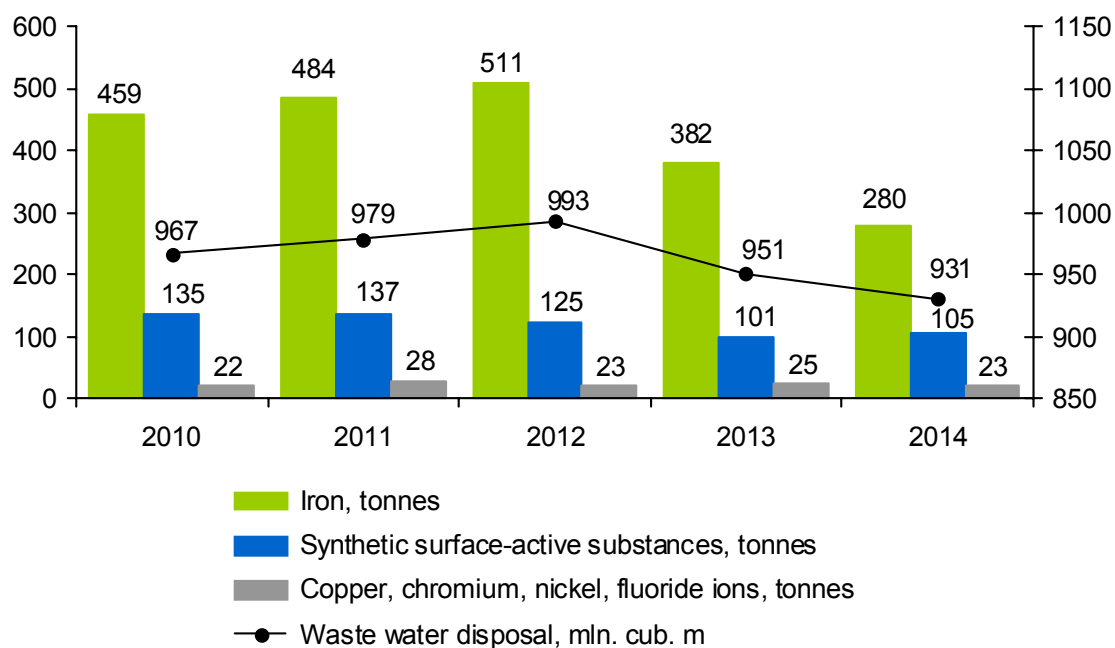
(million cubic metres)

	2010	2011	2012	2013	2014
Republic of Belarus	671	662	666	654	635
City:					
Baranovichy	10	10	12	12	13
Bobruysk	27	26	24	26	21
Borisov	15	14	13	14	14
Brest	32	31	28	29	27
Vitebsk	31	31	30	29	28
Gomel	51	47	46	45	45
Grodno	50	48	46	49	43
Zhodino	7	7	7	7	7
Minsk city	172	172	179	165	167
Mogilev	45	45	46	47	43
Mozyr	18	18	20	19	18
Orsha	12	11	12	9	11
Pinsk	12	11	11	11	10
Soligorsk	9	8	9	8	8

### 5.36. Ingress of waste water contaminants into water bodies

	2010	2011	2012	2013	2014
Waste water disposal into water bodies, mln. m <sup>3</sup>	967	979	993	951	931
Waste water contaminants discharged:					
sulphate ions, thous. tonnes	56	60	61	58	47
chloride ions, thous. tonnes	65	71	75	72	72
ammonium ions (in terms of nitrogen equivalent), thous. tonnes	5	6	6	5	5
fluoride ions, tonnes	8	14	8	10	11
suspended solids, thous. tonnes	13	13	12	14	12
synthetic surface-active substances, tonnes	135	137	125	101	105
ferrum, tonnes	459	484	511	382	280
copper, tonnes	5	6	7	6	5
chromium, tonnes	5	4	3	3	4
nickel, tonnes	4	4	5	6	3

### 5.37. Dynamics of ingress of waste water contaminants into water bodies



### 5.38. Biochemical oxygen demand and concentrations of ammonium ions in river water

	2010	2011	2012	2013	2014
<b>Average annual biochemical oxygen demand, milligrammes O<sub>2</sub> per cubic decimetre</b>					
Berezina	1.84	1.82	2.31	2.43	2.49
Viliya	2.57	2.09	2.30	2.13	2.20
Dnieper	2.12	2.28	2.17	2.08	1.97
Western Dvina	2.10	2.09	2.02	2.10	2.04
Western Bug	2.83	3.45	3.94	3.48	3.00
Mukhovets	2.42	2.97	2.41	2.04	1.75
Neman	2.38	2.17	2.14	2.03	2.16
Pripyat	2.46	2.35	2.51	2.31	2.62
Svisloch	3.06	2.72	2.91	2.47	2.45
Sozh	1.54	1.82	1.98	1.73	1.92
<b>Ammonium ion concentration (in terms of nitrogen equivalent), milligrammes N per cubic decimetre</b>					
Berezina	0.86	0.55	0.49	0.55	0.50
Viliya	0.47	0.30	0.17	0.17	0.23
Dnieper	0.41	0.32	0.35	0.35	0.37
Western Dvina	0.45	0.45	0.29	0.23	0.26
Western Bug	0.35	0.47	0.54	0.36	0.60
Mukhovets	0.81	0.56	0.47	0.37	0.47
Neman	0.43	0.36	0.24	0.23	0.24
Pripyat	0.50	0.43	0.44	0.37	0.33
Svisloch	0.82	0.68	0.29	0.31	0.40
Sozh	0.33	0.33	0.30	0.34	0.34

### 5.39. Biogenic substances in fresh water

	2010	2011	2012	2013	2014
<b>Posphate ion concentration (in terms of phosphorus equivalent) in river water, milligrammes P per cubic decimetre</b>					
Berezina	0.11	0.08	0.10	0.10	0.08
Viliya	0.03	0.04	0.04	0.04	0.03
Dnieper	0.10	0.09	0.10	0.10	0.09
Western Dvina	0.03	0.03	0.04	0.05	0.04
Western Bug	0.19	0.15	0.19	0.14	0.16
Mukhovets	0.09	0.08	0.10	0.08	0.10
Neman	0.05	0.04	0.04	0.05	0.05
Pripyat	0.07	0.05	0.06	0.06	0.05
Svisloch	0.11	0.12	0.06	0.04	0.06
Sozh	0.07	0.07	0.07	0.08	0.08
<b>Nitrate (nitrate ion) concentration in river water, milligrammes NO<sub>3</sub> cubic decimetre</b>					
Berezina	4.91	3.72	5.54	5.22	4.56
Viliya	5.31	3.45	5.54	5.88	4.65
Dnieper	3.98	4.60	4.21	4.42	4.65
Western Dvina	0.88	1.24	2.92	2.92	2.04
Western Bug	4.78	5.45	3.90	6.37	5.54
Mukhovets	4.34	4.07	2.26	5.35	3.63
Neman	6.46	5.40	4.34	4.91	5.76
Pripyat	1.77	1.55	2.04	2.52	3.10
Svisloch	6.99	6.86	4.25	4.12	4.87
Sozh	2.65	3.59	3.28	3.72	3.85

### 5.40. Concentrations of phosphate ions (in terms of phosphorus equivalent) in lakes

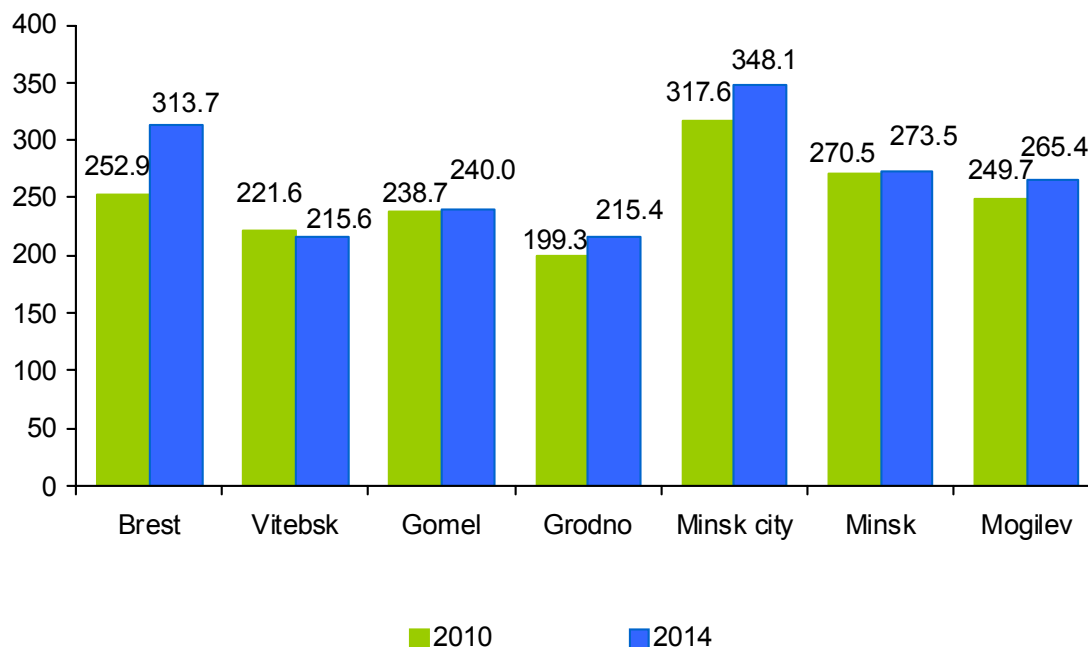
(milligrammes P per cubic decimetre)

	2010	2011	2012	2013	2014
Vygonoschanskoye	0.0145	0.0170	0.027	0.025	0.16
Drivyaty	0.0117	0.0060	0.035	0.009	0.012
Ezerische	0.0129	0.0113	0.005	0.007	0.006
Lepelskoye	0.0253	0.0394	0.009	0.020	0.025
Lisno	—	—	—	—	—
Losvido	0.0183	0.0144	0.013	0.010	0.011
Lukomskoye	0.0387	0.0355	0.014	0.030	0.015
Myadel	0.0056	0.0061	0.005	0.016	0.008
Myastro	0.0084	0.0108	0.011	0.017	0.004
Naroch	0.0078	0.0054	0.007	0.007	0.010
Nescherdo	0.0111	0.0128	0.007	0.013	0.10
Osveyskoye	0.0108	0.0122	0.012	0.008	0.016
Richy	0.0058	0.0050	0.019	0.006	0.012
Svir	0.0052	0.0063	0.011	0.013	0.008
Selyava	0.0105	0.0115	0.012	0.006	0.007
Snudy	0.0047	0.0051	0.008	0.006	0.011
Strusto	0.0049	0.0052	0.007	0.004	0.009
Chervonoye	0.0057	0.0065	0.085	0.064	0.080
Chernoye	0.0177	0.0375	0.003	0.007	0.021



### 5.41. Capacity of water treatment facilities

(million cubic metres per year)



### 5.42. Capacity of water treatment facilities by regions and Minsk city

(million cubic metres per year)

	2010	2011	2012	2013	2014
Republic of Belarus	1 750.3	1 773.3	1 830.0	1 834.0	1 871.7
Region:					
Brest	252.9	253.7	302.0	305.9	313.7
Vitebsk	221.6	214.2	216.7	211.9	215.6
Gomel	238.7	236.0	237.2	238.2	240.0
Grodno	199.3	201.9	207.9	215.7	215.4
Minsk city	317.6	339.4	334.9	334.1	348.1
Minsk	270.5	278.5	278.1	271.4	273.5
Mogilev	249.7	249.6	253.4	256.8	265.4

### 5.43. Classification of surface water quality

Water pollution level	Water pollution index <sup>1)</sup>	Water quality grade
Pure	≤ 0.3	I
Relatively pure	> 0.3-1.0	II
Moderately polluted	> 1.0-2.5	III
Polluted	> 2.5-4.0	IV
Dirty	> 4.0-6.0	V
Very dirty	> 6.0-10.0	VI
Extremely dirty	> 10.0	VII

<sup>1)</sup> Surface water quality assessment by hydrochemical parameters as pertaining to water bodies of the Republic of Belarus was carried out by the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus in accordance with the Methodological recommendations on complex surface water quality assessment by hydrochemical parameters.

### 5.44. Average annual water pollution level in selected rivers by water pollution index

River, settlement	2010	2011	2012	2013	2014
<b>Berezina</b>					
Bobruysk, town of	1.0-1.0	0.7-0.6	1.4-1.4	1.1-1.2	0.9-1.0
Borisov, town of	1.1-1.7	0.7-1.3	0.6-1.3	0.7-1.1	0.6-1.0
Brod, village of	0.9	0.8	0.7	0.8	0.7
Svetlogorsk, town of	1.2-1.2	0.9-0.9	0.9-0.9	1.0-1.0	1.0-1.1
<b>Dnieper</b>					
Bykhov, town of	0.8-0.8	0.9-0.8	0.9-0.9	0.8-0.9	0.9-0.9
Loyev, town of	1.0-1.1	0.7-0.7	0.8-0.8	0.8-0.9	0.8-0.9
Mogilev, city of	0.7-0.9	0.7-0.9	0.9-0.9	0.8-0.9	0.8-0.9
Orsha, town of	0.8-0.8	0.7-0.8	0.8-0.9	0.7-0.8	0.7-0.8
Rechitsa, town of	1.1-1.1	0.8-0.8	0.8-0.9	0.8-0.9	0.8-0.8
Shklov, town of	0.8-0.8	0.7-0.8	0.9-0.9	0.7-0.8	0.8-0.8

Continued

River, settlement	2010	2011	2012	2013	2014
Western Dvina					
Verkhnedvinsk, town of	0.7-0.7	0.8-0.8	0.7-0.7	0.6-0.6	0.5-0.5
Vitebsk, city of	0.5-0.5	0.5-0.5	0.4-0.5	0.4-0.6	0.4-0.5
Novopolotsk, town of	0.7-0.8	0.7-0.8	0.7-0.8	0.6-0.7	0.5-0.6
Polotsk, town of	0.7-0.7	0.7-0.7	0.6-0.7	0.6-0.6	0.5-0.5
Surazh, village of	0.5	0.5	0.4	0.4	0.4
Mukhavets					
Brest, city of	0.9-1.1	0.9-1.0	0.9-0.9	0.8-0.8	0.8-0.8
Kobrin, town of	1.5-1.2	0.9-1.0	1.1-1.1	0.9-0.9	0.9-0.9
Zhabinka, urb.-type settlement of	1.1-1.0	1.0-1.0	1.1-1.0	0.9-0.8	0.9-0.9
Neman					
Grodno, city of	0.6-0.7	0.6-0.8	0.6-0.7	0.6-0.7	0.6-0.7
Mosty, town of	0.6-0.7	0.6-0.7	0.5-0.6	0.5-0.6	0.5-0.6
Stolbtsy, town of	1.0-0.8	0.7-0.7	0.8-0.8	0.8-0.8	0.7-0.8
Pripyat					
Mozyr, town of	0.7-0.8	0.7-0.6	0.8-0.8	0.7-0.7	0.7-0.7
Pinsk, town of	0.7-1.7	0.7-1.3	0.7-0.8	0.6-0.7	0.6-0.7
Svisloch					
Drozdy, village of	0.6	0.5	0.7	0.6	0.6
Korolishchevichy, village of	4.3	5.0	1.5	1.2	2.8
Podlosye, village of	1.2	1.0	0.7	0.7	0.7
Khmelevka, village of	0.7	0.5	0.8	0.6	0.5
Svisloch river estuary	1.3	0.9	1.8	1.4	1.6
Sozh					
Gomel, city of	0.8-1.0	0.7-0.9	0.8-0.8	0.8-0.9	0.8-0.8
Krichev, town of	0.6-0.6	0.6-0.6	0.6-0.7	0.6-0.7	0.7-0.8

### 5.45. Quality control of domestic and drinking water supply by regions and Minsk city<sup>1)</sup>

	2010	2011	2012	2013	2014
<b>Number of water samples tested by sanitary and chemical parameters – total, thousand samples</b>					
Republic of Belarus	126.1	128.0	128.2	135.8	130.4
Region:					
Brest	6.2	6.6	6.9	7.0	6.2
Vitebsk	17.0	18.7	19.0	19.4	19.2
Gomel	21.2	21.4	17.8	18.7	18.1
Grodno	7.7	8.7	7.5	6.8	7.7
Minsk city	1.8	3.3	3.3	3.0	3.0
Minsk	34.3	25.9	24.1	24.4	24.5
Mogilev	37.9	43.4	49.6	56.5	51.7
<b>of which not corresponding to hygienic standards, thousand samples</b>					
Republic of Belarus	28.1	28.1	26.6	26.2	28.3
Region:					
Brest	2.4	2.2	2.2	2.1	2.2
Vitebsk	3.0	3.4	3.0	3.1	3.5
Gomel	7.4	7.4	5.7	5.8	6.3
Grodno	2.0	2.6	1.8	1.6	1.9
Minsk city	0.3	0.2	0.2	0.1	0.2
Minsk	6.7	6.1	5.6	5.2	4.9
Mogilev	6.3	6.2	8.1	8.3	9.3
<b>as percentage of total tested water samples</b>					
Republic of Belarus	22.3	22.0	20.7	19.3	21.7
Region:					
Brest	38.4	33.3	31.9	30.0	35.5
Vitebsk	17.9	18.2	15.8	16.0	18.2
Gomel	35.2	34.6	32.0	31.0	34.8
Grodno	26.1	29.9	24.0	23.5	24.7
Minsk city	14.4	6.1	6.1	3.3	6.7
Minsk	19.6	23.6	23.2	21.3	20.0
Mogilev	16.7	14.3	16.3	14.7	18.0

Continued

	2010	2011	2012	2013	2014
<b>Number of water samples tested by microbiological parameters – total, thousand samples</b>					
Republic of Belarus	166.7	170.5	196.9	170.0	164.9
Region:					
Brest	9.6	9.9	12.6	9.5	11.0
Vitebsk	31.9	33.7	38.4	35.6	34.3
Gomel	31.2	30.5	30.4	27.8	26.8
Grodno	8.4	10.3	9.6	7.9	8.3
Minsk city	2.7	3.4	4.9	4.7	4.8
Minsk	33.4	32.3	36.2	29.7	28.8
Mogilev	49.5	50.4	64.8	54.8	50.9
<b>of which not corresponding to hygienic standards, thousand samples</b>					
Republic of Belarus	4.2	3.4	3.2	2.3	3.1
Region:					
Brest	0.2	0.1	0.1	0.0	0.1
Vitebsk	0.4	0.3	0.2	0.2	0.2
Gomel	1.3	1.1	0.9	1.0	1.3
Grodno	0.2	0.2	0.2	0.1	0.1
Minsk city	0.0	0.0	0.1	0.1	0.1
Minsk	1.3	1.0	0.7	0.5	0.5
Mogilev	0.8	0.7	1.0	0.4	0.8
<b>as percentage of total tested water samples</b>					
Republic of Belarus	2.5	2.0	1.6	1.4	1.9
Region:					
Brest	1.9	1.0	0.7	0.5	0.7
Vitebsk	1.2	0.9	0.5	0.6	0.6
Gomel	4.0	3.6	3.0	3.6	4.8
Grodno	2.6	1.9	2.1	1.3	1.2
Minsk city	1.7	1.3	1.5	1.3	1.5
Minsk	4.0	3.1	1.9	1.7	1.7
Mogilev	1.7	1.4	1.6	0.7	1.6

<sup>1)</sup> Data of the Ministry of Health of the Republic of Belarus.

## 6. LAND RESOURCES AND LAND PROTECTION<sup>1)</sup>

### 6.1. Land area

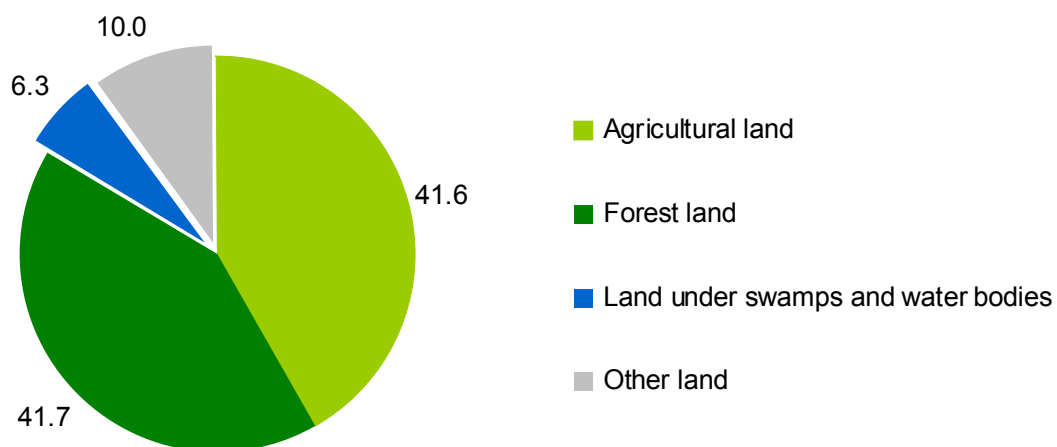
(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015	
					total	as % of total
Total land area	20 760	20 760	20 760	20 760	20 760	100
of which:						
agricultural land	8 898	8 874	8 817	8 726	8 632	41.6
forest land	8 567	8 585	8 589	8 631	8 653	41.7
land under swamps and water bodies	1 343	1 338	1 330	1 328	1 309	6.3
other land	1 952	1 963	2 024	2 075	2 166	10.4

<sup>1)</sup> Tables 6.1-6.7 are based on the data of the State Property Committee of the Republic of Belarus.

### 6.2. Structure of land area by land category

(as of January 1, 2015; percent)



### 6.3. Area of agricultural land by region

(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015
<b>Total</b>					
Republic of Belarus	8 897.5	8 874.0	8 817.3	8 726.4	8 632.3
Region:					
Brest	1 429.3	1 426.9	1 422.5	1 420.1	1 414.8
Vitebsk	1 566.9	1 561.5	1 534.4	1 502.4	1 490.0
Gomel	1 383.9	1 381.7	1 361.9	1 354.2	1 346.7
Grodno	1 257.6	1 248.5	1 246.2	1 243.0	1 236.5
Minsk	1 867.8	1 863.9	1 861.5	1 851.4	1 849.0
Mogilev	1 392.0	1 391.5	1 390.8	1 355.3	1 295.3
<b>of which arable</b>					
Republic of Belarus	5 510.5	5 506.4	5 521.6	5 559.7	5 662.1
Region:					
Brest	818.0	817.9	816.9	820.4	828.4
Vitebsk	910.7	907.5	919.7	962.1	961.1
Gomel	812.4	814.6	818.9	820.2	863.8
Grodno	846.0	844.2	844.4	841.6	840.9
Minsk	1 263.2	1 261.4	1 261.5	1 253.6	1 316.4
Mogilev	860.2	860.8	860.2	861.8	851.5

### 6.4. Area of damaged land by region

(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015
Republic of Belarus	24.0	25.5	26.3	26.6	26.4
Region:					
Brest	3.6	3.8	4.1	4.4	4.3
Vitebsk	3.2	3.5	4.0	4.2	4.5
Gomel	3.1	3.8	3.3	3.4	3.4
Grodno	4.4	4.7	4.6	4.4	4.5
Minsk	7.1	6.9	7.3	7.4	6.9
Mogilev	2.6	2.8	3.0	2.8	2.8

### 6.5. Area of reclaimed land

(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015
Total land reclaimed	3 444.0	3 444.9	3 434.1	3 436.1	3 440.1
of which:					
drained	3 413.4	3 414.3	3 403.6	3 406.5	3 410.4
irrigated	30.6	30.6	30.5	29.6	29.7
of which agricultural land	2 952.9	2 952.1	2 944.9	2 940.5	2 910.1
of which:					
drained	2 922.3	2 921.5	2 914.4	2 910.9	2 880.4
irrigated	30.6	30.6	30.5	29.6	29.7
Share of reclaimed land in total land area, %	16.6	16.6	16.5	16.6	16.6
of which:					
drained	16.4	16.4	16.4	16.4	16.4
irrigated	0.2	0.2	0.1	0.2	0.2



### 6.6. Area of drained land by region

(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015	
					total	of which agricultural land
Republic of Belarus	3 413.4	3 414.3	3 403.6	3 406.5	3 410.4	2 880.4
Region:						
Brest	755.6	755.3	757.2	758.1	758.5	701.3
Vitebsk	625.0	625.3	625.8	626.6	627.3	516.4
Gomel	650.3	651.4	651.1	651.3	651.3	498.6
Grodno	326.2	326.6	327.5	329.8	331.4	298.4
Minsk	725.4	724.9	709.7	707.9	707.9	599.0
Mogilev	330.9	330.8	332.3	332.8	334.0	266.7

### 6.7. Area of irrigated agricultural land by region

(as of January 1; thousand hectares)

	2011	2012	2013	2014	2015
Republic of Belarus	30.6	30.6	30.5	29.6	29.7
Region:					
Brest	4.4	4.4	4.4	4.4	4.4
Vitebsk	2.0	2.0	2.0	2.0	2.0
Gomel	5.1	5.1	5.1	4.2	4.3
Grodno	1.6	1.6	1.6	1.6	1.6
Minsk	2.0	2.0	1.9	1.9	1.9
Mogilev	15.5	15.5	15.5	15.5	15.5

## 7. APPLICATION OF FERTILIZERS AND PESTICIDES

### 7.1. Application of mineral fertilizers in agricultural organisations per hectare of agricultural land by region

(in terms of 100% content of nutrients; kilogrammes)

	2010	2011	2012	2013	2014
<b>Mineral fertilizers – total</b>					
Republic of Belarus	196	220	197	188	162
Region:					
Brest	198	199	198	194	167
Vitebsk	185	213	173	177	131
Gomel	195	221	191	196	176
Grodno	200	232	218	215	201
Minsk	207	246	213	177	168
Mogilev	191	203	187	176	131
<b>of which: nitrogenous fertilizers</b>					
Republic of Belarus	70	79	73	71	61
Region:					
Brest	68	65	73	66	63
Vitebsk	68	79	65	70	47
Gomel	62	75	68	73	63
Grodno	73	85	80	81	82
Minsk	75	91	79	67	63
Mogilev	69	73	73	69	48

Continued

	2010	2011	2012	2013	2014
<b>phosphorous fertilizers</b>					
Republic of Belarus	31	38	29	27	20
Region:					
Brest	28	28	22	26	20
Vitebsk	28	42	24	26	13
Gomel	30	34	32	32	24
Grodno	26	38	31	31	27
Minsk	36	51	35	26	22
Mogilev	33	31	29	24	18
<b>potassium fertilizers</b>					
Republic of Belarus	95	103	95	90	81
Region:					
Brest	102	106	102	101	84
Vitebsk	89	91	84	82	72
Gomel	103	112	91	91	89
Grodno	101	108	106	102	93
Minsk	96	104	99	85	84
Mogilev	89	98	85	83	64

## 7.2. Application of mineral fertilizers in agricultural organisations per hectare of arable land by region

(in terms of 100 % content of nutrients; kilogrammes)

	2010	2011	2012	2013	2014
<b>Mineral fertilizers – total</b>					
Republic of Belarus	284	313	283	274	236
Region:					
Brest	305	306	297	301	266
Vitebsk	261	293	241	250	185
Gomel	307	350	319	321	280
Grodno	278	310	293	292	272
Minsk	279	327	286	243	232
Mogilev	277	289	269	257	192
<b>of which: nitrogenous fertilizers</b>					
Republic of Belarus	99	111	105	101	87
Region:					
Brest	103	100	109	102	99
Vitebsk	93	103	88	93	64
Gomel	99	118	114	119	100
Grodno	102	115	109	110	108
Minsk	100	119	106	90	85
Mogilev	100	105	107	100	71

Continued

	2010	2011	2012	2013	2014
<b>phosphorous fertilizers</b>					
Republic of Belarus	49	60	46	44	32
Region:					
Brest	50	48	39	47	35
Vitebsk	46	66	38	41	20
Gomel	53	60	56	55	40
Grodno	40	57	46	45	39
Minsk	54	74	51	38	31
Mogilev	52	50	46	39	28
<b>potassium fertilizers</b>					
Republic of Belarus	136	142	132	129	117
Region:					
Brest	152	158	149	152	132
Vitebsk	122	124	115	115	101
Gomel	155	172	150	147	140
Grodno	136	138	138	136	125
Minsk	125	134	129	115	116
Mogilev	125	134	117	118	94

### 7.3. Application of organic fertilizers in agricultural organisations by region

(tones)

	2010	2011	2012	2013	2014
<b>Per hectare of agricultural land</b>					
Republic of Belarus	5.7	6.5	6.3	6.0	6.9
Region:					
Brest	7.8	8.3	8.3	8.7	9.3
Vitebsk	3.2	4.5	4.0	3.3	4.0
Gomel	4.8	5.5	5.0	4.8	6.7
Grodno	7.6	8.2	8.2	7.8	8.2
Minsk	6.4	7.0	6.9	6.3	7.4
Mogilev	4.2	5.6	5.3	5.6	6.2
<b>Per hectare of arable land</b>					
Republic of Belarus	9.1	10.3	10.0	9.5	10.7
Region:					
Brest	13.5	14.3	14.5	15.0	16.0
Vitebsk	5.3	7.1	6.3	5.2	6.1
Gomel	8.5	9.7	8.8	8.3	11.2
Grodno	11.5	12.2	12.2	11.6	12.0
Minsk	9.4	10.3	10.2	9.3	10.7
Mogilev	6.7	9.0	8.5	8.8	9.6

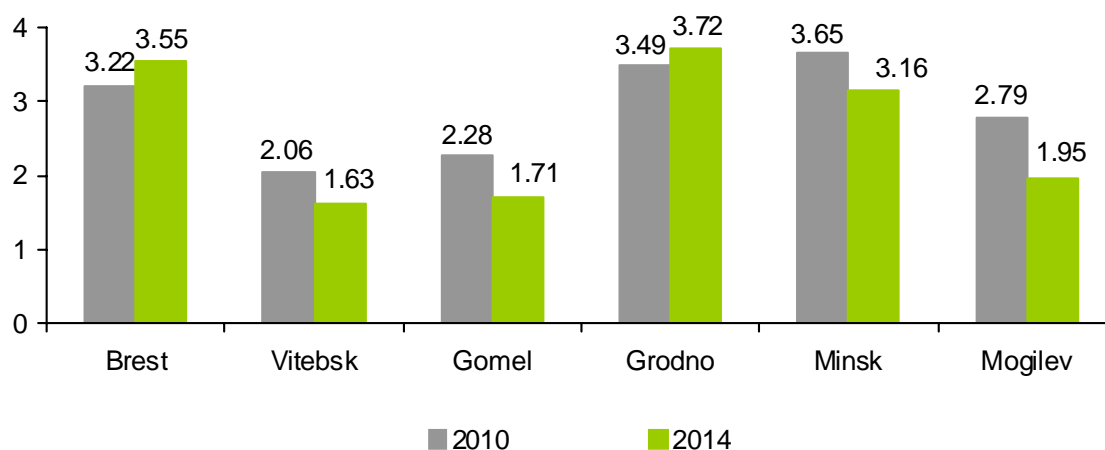
#### 7.4. Application of pesticides per hectare of arable land by region<sup>1)</sup>

(kilogrammes)

	2010 <sup>1)</sup>	2011	2012	2013	2014
Republic of Belarus	2.92	2.67	3.08	2.98	2.63
Region:					
Brest	3.22	3.05	3.51	3.57	3.55
Vitebsk	2.06	1.65	1.90	1.81	1.63
Gomel	2.28	1.69	2.79	2.23	1.71
Grodno	3.49	3.58	4.00	4.18	3.72
Minsk	3.65	3.15	3.38	3.41	3.16
Mogilev	2.79	2.79	2.95	2.60	1.95

#### 7.5. Dynamics of pesticide application per hectare of arable land by region<sup>1)</sup>

(kilogrammes)



<sup>1)</sup> For 2010 – data of the Ministry of Agriculture and Food of the Republic of Belarus.

## 8. CONSERVATION AREAS

### 8.1. Main characteristics of conservation areas of the Republic of Belarus<sup>1)</sup>

(as of January 1, 2015)

	Number of areas	Total area, thous. ha	Share of conservation areas in total country area, %
Total conservation areas	1 231	1 722.7	8.2
of which:			
nature reserves <sup>2)</sup> , national parks	5	475.4	2.3
habitat/ species management areas	352	1 232.0	5.9
of which of:			
national significance	85	861.0	4.1
local significance	267	371.0	1.8
natural monuments	874	15.3	0.1
of which of:			
national significance	306	3.2	0.0
local significance	568	12.1	0.1

<sup>1)</sup> Tables 8.1–8.4, 8.6 are based on the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

<sup>2)</sup> Excluding Polessky State Radiation and Ecological Reserve.



## 8.2. Conservation areas by regions and Minsk city

(as of January 1, 2015)

	Nature reserves <sup>1)</sup> , national parks			Habitat/species management areas of national significance		
	entities	thous. ha	as % of total land area	entities	thous. ha	as % of total land area
Republic of Belarus	5 <sup>2)</sup>	475.4	2.3	85 <sup>2)</sup>	861.0	4.1
Region:						
Brest	1	86.3	2.6	17	329.3	10.0
Vitebsk	3	131.8	3.3	21	165.0	4.1
Gomel	1	88.6	2.2	11	87.4	2.2
Grodno	2	63.9	2.5	14	130.3	5.2
Minsk city	—	—	—	1	0.0	0.0
Minsk	2	104.8	2.6	20	116.2	2.9
Mogilev	—	—	—	3	32.8	1.1

	Habitat/species management areas of local significance			Natural monuments	
	entities	thous. ha	as % of total land area	of national significance	of local significance
Republic of Belarus	267	371.0	1.8	306	568
Region:					
Brest	28	45.4	1.4	31	51
Vitebsk	60	49.9	1.2	76	162
Gomel	44	98.4	2.4	13	50
Grodno	27	48.2	1.9	88	125
Minsk city	—	—	—	2	—
Minsk	42	54.3	1.4	82	105
Mogilev	66	74.8	2.6	14	75

<sup>1)</sup> Excluding Polessky State Radiation and Ecological Reserve.

<sup>2)</sup> The total number of nature reserves, national parks and habitat/species management areas of national significance is given considering the fact that the Berezinsky Biosphere Reserve, the National Park "Belovezhskaya Pushcha", the National Park "Narochansky" and 4 habitat/species management areas of national significance are situated in the territory of several regions.

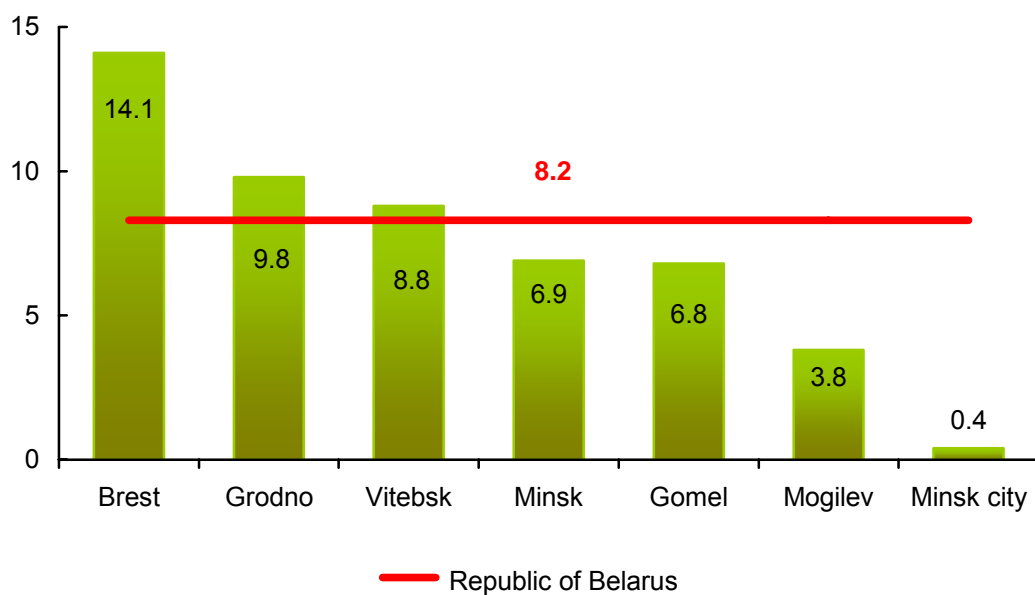
### 8.3. Share of conservation areas in total land area of the country, regions and Minsk city

(percent)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	7.7	7.7	7.6	7.8	8.2
Region:					
Brest	13.8	13.9	13.9	14.0	14.1
Vitebsk	8.9	8.9	8.7	8.8	8.8
Gomel	4.8	4.8	5.0	5.7	6.8
Grodno	10.4	10.4	9.8	9.9	9.8
Minsk city	0.5	0.5	0.4	0.4	0.4
Minsk	6.3	6.3	6.2	6.4	6.9
Mogilev	2.7	2.4	2.3	2.3	3.8

### 8.4. Share of conservation areas in total land area of the country, regions and Minsk city in 2014

(percent)



## 8.5. Main characteristics of nature reserves and national parks

	Location (region, district), year of foundation	Designation
<b>Nature reserves</b>		
Berezinsky Biosphere Reserve	<p><b>Vitebsk region,</b> Dokshytsy district, Lepel district;</p> <p><b>Minsk region,</b> Borisov district</p> <p><b>1925</b></p>	Preservation of the natural reference and other valuable natural complexes and features, study of flora and fauna, ecosystems and landscapes typical and unique of the Eastern European mixed forest, creation of conditions to ensure the conservation of natural processes. A distinctive feature of the reserve is a unique complex of forest and wetland ecosystems that almost completely preserved their natural state
Polessky State Radiation and Ecological Reserve	<p><b>Gomel region,</b> Bragin district, Narovlya district, Hoyniki district</p> <p><b>1988</b></p>	Restricting public access to the areas contaminated as a result of the disaster at the Chernobyl nuclear power plant, from which the population was evacuated and resettled; radiation protection, prevention of the spread of radionuclides, radiation monitoring, radio-ecological research, study of flora and fauna, typical and unique ecosystems and landscapes, natural processes characteristic of Pripjat Poles'e. The features of the reserve are the presence of high levels of environmental pollution as a result of the disaster at the Chernobyl nuclear power plant, including transuranic isotopes, restoration of the natural state of biogeocenoses as a result of removal of anthropogenic load.

Continued

	Location (region, district), year of foundation	Designation
<b>National parks</b>		
Belovezhskaya Pushcha	<b>Brest region,</b> Kamenets district, Pruzhany district;  <b>Grodno region,</b> Svisloch district  <b>1939</b>	Preservation in the natural state and comprehensive study of the natural standard and unique features of the Bialowieza forest, biological and landscape diversity of the area, restoration of damaged natural complexes and objects of special ecological, historical, cultural and aesthetic value as well as their use for nature protection, scientific, educational and recreational purposes.
Braslavskie Oзера (Braslav Lakes)	<b>Vitebsk region,</b> Braslav district  1995	Preservation of the natural complex of Braslav Lakes as a benchmark of natural landscapes, storage of genetic stock of the flora and fauna of Belarusian Lake Land and its use for nature protection, scientific, educational, tourism and recreational purposes.
Pripyatsky	<b>Gomel region,</b> Zhitkovichi district, Petrikov district, Lelchitsy district  1969	Preservation of the natural complex of the valley of the Pripyat river as a benchmark of natural landscapes, storage of the genetic stock of flora and fauna of Belarusian Polesse and its use for nature protection, scientific, educational, tourism and recreational purposes.
Narochansky	<b>Minsk region,</b> Myadel district, Vileyka district;  <b>Vitebsk region,</b> Postavy district; <b>Grodno region,</b> Smorgon district  <b>1999</b>	Preservation of unique natural complexes joined by Lake Narach as reference landscapes, storage of genetic stock of the flora and fauna of Belarusian Lake Land and their more complete and efficient use nature protection, scientific, educational, tourism and recreational purposes.

**8.6. Rare and endangered wildlife species listed  
in the Red Book of the Republic of Belarus or protected  
under international treaties of the Republic of Belarus**

(number of species)

	2010	2011	2012	2013	2014
Plants – total	274	293	293	293	303
of which:					
angiosperms	161	166	166	166	173
gymnosperms	1	1	1	1	1
horsetails, club mosses, ferns	11	15	15	15	15
mosses	27	31	31	31	34
lichens	24	24	24	24	25
algae	21	21	21	21	21
fungi	29	35	35	35	34
Mammals	17	17	17	17	20
Birds	71	71	71	71	70
Reptiles	2	2	2	2	2
Amphibians	2	2	2	2	2
Fish and fish-shaped	10	10	10	10	10

## 9. PROTECTION AND USE OF FOREST RESOURCES

### 9.1. Forest resources by region<sup>1)</sup>

(as of January 1)

	2011	2012	2013	2014	2015
<b>Total area of forest stock, thous. ha</b>					
Republic of Belarus	9 275	9 294	9 301	9 321	9 342
Region:					
Brest	1 375	1 379	1 383	1 383	1 385
Vitebsk	1 814	1 815	1 815	1 818	1 826
Gomel	2 203	2 204	2 208	2 212	2 221
Grodno	966	977	978	980	980
Minsk	1 684	1 685	1 683	1 681	1 681
Mogilev	1 233	1 234	1 234	1 247	1 249
<b>of which forest area, thous. ha</b>					
Republic of Belarus	8 567	8 585	8 589	8 631	8 653
Region:					
Brest	1 224	1 231	1 234	1 234	1 236
Vitebsk	1 667	1 669	1 668	1 671	1 680
Gomel	2 015	2 016	2 019	2 023	2 030
Grodno	915	919	920	923	923
Minsk	1 607	1 610	1 609	1 607	1 606
Mogilev	1 139	1 140	1 139	1 173	1 179

Continued

	2011	2012	2013	2014	2015
<b>of which forested area, thous. ha</b>					
Republic of Belarus	8 094	8 123	8 124	8 180	8 211
Region:					
Brest	1 163	1 177	1 180	1 181	1 193
Vitebsk	1 592	1 596	1 598	1 600	1 612
Gomel	1 843	1 846	1 848	1 851	1 856
Grodno	872	874	873	875	877
Minsk	1 544	1 549	1 548	1 544	1 542
Mogilev	1 080	1 081	1 077	1 129	1 131
<b>Percent forest cover</b>					
Republic of Belarus	39.0	39.1	39.1	39.4	39.6
Region:					
Brest	35.5	35.9	36.0	36.0	36.4
Vitebsk	39.7	39.8	39.9	40.0	40.2
Gomel	45.6	45.7	45.8	45.8	46.0
Grodno	34.7	34.8	34.8	34.8	34.9
Minsk	38.4	38.5	38.5	38.4	38.4
Mogilev	37.1	37.2	37.1	38.8	38.9

<sup>1)</sup> Data of the State Property Committee of the Republic of Belarus.

## 9.2. Forest cover of the territory by regions and districts<sup>1)</sup>

(as of January 1; percent)

	2011	2012	2013	2014	2015
<b>Republic of Belarus</b>	39.0	39.1	39.1	39.4	39.6
<b>Brest region</b>	35.5	35.9	36.0	36.0	36.4
District:					
Baranovichy	29.8	29.9	29.9	30.7	30.7
Bereza	26.4	26.3	26.3	26.3	26.3
Brest	34.8	34.8	35.7	35.5	35.9
Gantsevichy	49.6	54.7	54.7	54.7	53.4
Drogichin	24.4	24.4	24.4	24.4	26.0
Zhabinka	17.1	17.1	17.1	17.1	18.9
Ivanovo	26.8	26.8	26.7	27.5	27.6
Ivatsevichy	49.6	49.7	49.9	49.2	49.2
Kamenets	28.5	28.2	28.3	28.5	28.7
Kobrin	26.0	25.4	25.8	25.8	26.8
Luninets	43.3	43.4	43.4	43.3	43.3
Lyakhovichy	33.8	38.2	38.2	38.0	37.4
Malorita	45.2	45.2	45.4	45.4	46.8
Pinsk	30.6	30.5	30.5	30.5	30.5
Pruzhany	43.3	43.4	43.5	43.5	43.8
Stolin	35.4	35.4	35.4	35.4	37.0



Continued

	2011	2012	2013	2014	2015
<b>Vitebsk region</b>	39.7	39.8	39.9	40.0	40.2
District:					
Beshenkovichy	28.0	28.0	28.0	28.0	28.0
Braslav	35.1	35.0	35.0	35.0	35.0
Verkhnedvinsk	39.3	40.8	40.8	40.7	40.7
Vitebsk	36.7	36.7	36.7	36.6	36.6
Glubokoye	25.4	25.4	25.4	25.4	25.4
Gorodok	52.5	52.5	52.5	52.5	54.9
Dokshitsy	48.8	48.8	48.8	48.8	48.8
Dubrovno	26.6	26.6	26.6	26.6	26.6
Lepel	54.2	54.5	54.5	54.5	54.5
Liozno	43.9	43.6	43.9	45.5	45.6
Miory	23.8	23.8	23.8	23.8	23.8
Orsha	24.8	24.9	25.0	25.0	25.0
Polotsk	53.7	53.6	53.6	53.6	53.6
Postavy	34.6	34.6	34.6	34.6	34.6
Rossony	67.0	67.0	67.0	67.0	69.0
Senno	39.7	39.8	39.8	39.8	39.8
Tolochin	29.5	29.5	29.5	29.5	29.5
Ushachy	40.2	40.2	41.4	41.4	41.9
Chashniki	29.8	29.8	29.8	29.8	29.8
Sharkovshchina	24.3	24.3	24.3	24.3	24.3
Shumilino	40.1	40.6	40.5	40.9	40.7

Continued

	2011	2012	2013	2014	2015
<b>Gomel region</b>	45.6	45.7	45.8	45.8	46.0
District:					
Bragin	34.1	34.1	34.1	34.1	34.1
Buda-Koshelyovo	23.8	23.8	23.8	23.8	23.8
Vetka	38.7	38.7	39.5	39.7	39.7
Gomel	34.6	34.7	34.6	34.6	34.6
Dobrush	24.5	25.6	25.6	25.6	25.6
Yelsk	56.1	56.1	56.1	56.1	56.1
Zhitkovichy	54.9	54.9	54.9	54.9	54.9
Zhlobin	32.5	32.6	32.6	32.9	33.2
Kalinkovichy	48.6	48.4	48.4	48.5	48.8
Korma	33.2	33.2	33.2	33.2	33.2
Lelchitsy	66.5	66.5	66.5	66.5	66.5
Loyev	34.1	35.4	35.7	36.1	36.5
Mozyr	54.3	54.3	54.3	54.3	54.3
Narovlya	58.8	58.8	58.8	58.8	59.4
Oktyabrsky	57.5	57.5	57.5	57.8	57.8
Petrikov	55.5	55.5	55.5	55.5	56.0
Rechitsa	42.4	42.4	42.4	42.4	42.7
Rogachev	33.0	33.0	33.0	33.0	33.0
Svetlogorsk	51.6	51.6	51.5	52.2	52.1
Khoyniki	46.9	47.0	47.0	47.0	47.0
Chechersk	45.3	45.3	45.3	45.3	45.3

Continued

	2011	2012	2013	2014	2015
<b>Grodno region</b>	34.7	34.8	34.8	34.8	34.9
District:					
Berestovitsa	16.4	16.4	16.4	16.4	16.4
Volkovysk	22.9	22.8	22.8	22.8	22.8
Voronovo	27.4	27.5	27.5	27.5	27.5
Grodno	38.1	38.1	38.1	38.1	38.1
Dyatlovo	44.0	44.3	44.4	44.5	44.6
Zelva	15.6	15.6	15.6	15.6	15.6
Ivye	42.4	42.4	42.4	42.4	42.4
Korelichy	19.6	19.6	19.6	19.6	19.6
Lida	25.9	26.0	25.9	26.2	26.2
Mosty	34.4	34.5	34.5	34.6	34.6
Novogrudok	39.8	40.0	40.2	40.4	40.7
Ostrovets	48.0	48.0	48.1	48.1	48.7
Oshmyany	33.2	33.3	33.2	33.7	33.8
Svisloch	47.4	47.4	47.4	47.4	47.4
Slonim	35.8	35.8	35.8	35.8	35.8
Smorgon	36.7	36.7	36.7	36.8	36.8
Shchuchin	33.2	33.2	32.9	32.9	32.9

Continued

	2011	2012	2013	2014	2015
<b>Minsk region</b>	38.4	38.5	38.5	38.4	38.4
District:					
Berezino	50.4	50.4	50.3	50.3	50.3
Borisov	51.2	51.2	51.1	51.1	51.2
Vileyka	39.9	40.3	40.3	40.3	40.3
Volozhin	36.1	36.6	36.6	36.6	36.6
Dzerzhinsk	28.6	28.6	28.6	28.6	28.6
Kletsk	25.2	25.7	25.7	25.7	25.9
Kopyl	18.2	18.2	18.2	18.2	18.2
Krupki	50.1	50.1	50.1	50.1	50.1
Logoyisk	52.8	52.8	52.8	51.7	50.7
Lyuban	38.2	38.2	38.2	38.1	38.1
Minsk	26.9	26.8	26.6	26.6	26.6
Molodechno	31.3	31.6	31.6	31.6	31.6
Myadel	39.5	39.5	39.5	39.5	39.5
Nesvizh	11.4	11.4	11.4	11.4	11.4
Pukhovichy	38.8	39.6	39.5	39.5	39.5
Slutsk	21.8	21.8	21.7	21.7	21.7
Smolevichy	32.3	32.3	32.3	32.3	32.3
Soligorsk	35.6	35.6	35.5	35.5	35.5
Staryie Dorogi	52.3	52.3	52.3	52.3	52.3
Stolbtsy	45.7	45.7	45.7	45.7	45.7
Uzda	40.3	40.3	40.3	40.2	40.2
Cherven	41.4	41.4	41.3	41.3	41.3

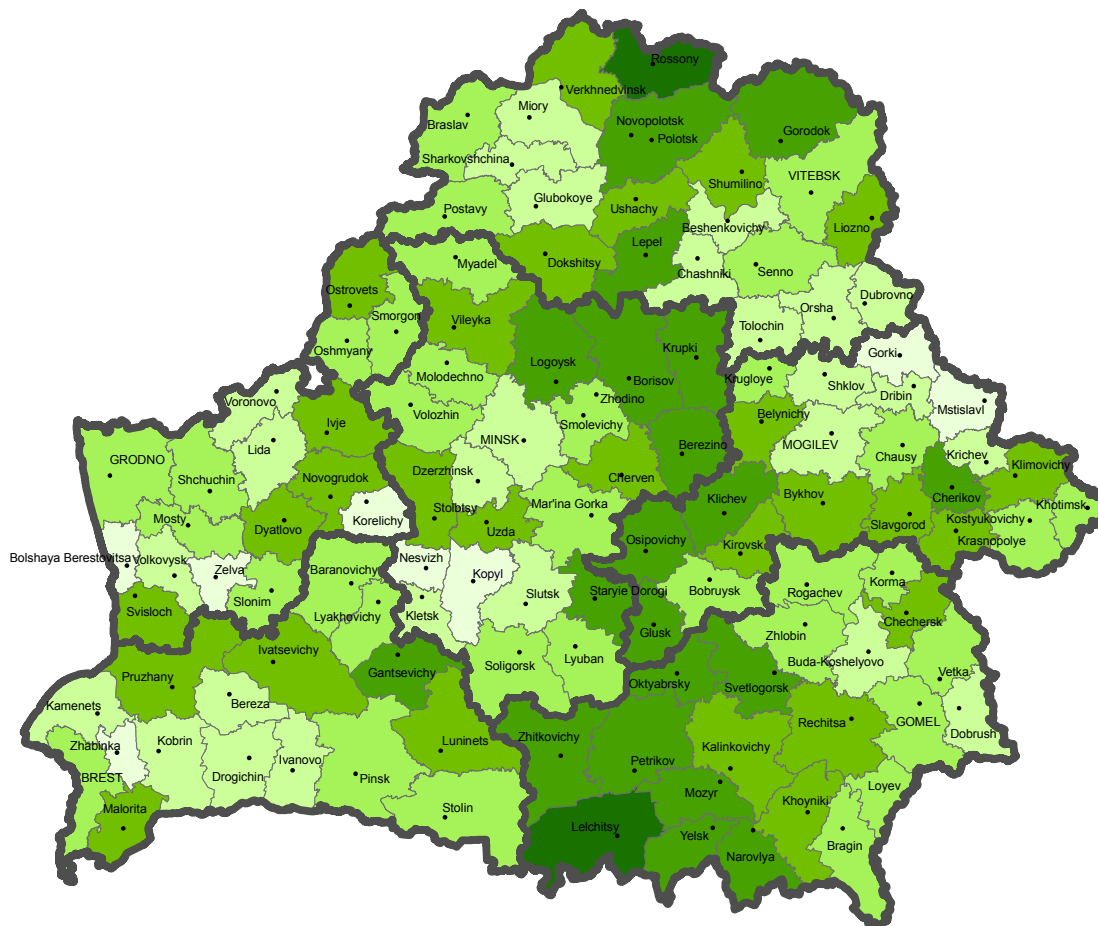
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	2011	2012	2013	2014	2015
<b>Mogilev region</b>	37.1	37.2	37.1	38.8	38.9
District:					
Belynychy	42.9	42.8	42.8	46.5	47.2
Bobruysk	36.9	37.3	37.3	37.3	37.3
Bykhov	42.3	42.3	42.3	45.7	46.0
Glusk	52.2	52.2	52.2	54.0	54.0
Gorki	17.7	17.7	17.7	17.4	17.4
Dribin	27.7	27.6	27.6	26.6	26.6
Kirovsk	41.1	41.1	41.1	41.5	41.5
Klimovichy	39.0	39.0	39.0	41.9	42.0
Klichev	56.5	56.6	56.5	59.0	59.4
Kostyukovichy	28.2	28.2	28.2	34.0	34.0
Krasnopolye	42.5	42.5	42.5	46.0	46.0
Krichev	23.6	23.4	23.6	23.5	24.1
Krugloye	30.3	30.3	30.3	30.6	30.1
Mogilev	27.8	27.8	25.7	25.7	24.2
Mstislavl	15.4	15.4	15.4	15.8	15.8
Osipovichy	56.7	56.7	56.7	58.1	57.9
Slavgorod	44.5	44.5	44.5	46.0	48.7
Khotimsk	31.8	31.8	31.8	34.1	34.0
Chausy	32.1	32.1	32.1	32.9	32.9
Cherikov	45.0	45.9	46.1	52.8	52.8
Shklov	20.2	20.2	20.1	20.1	20.1

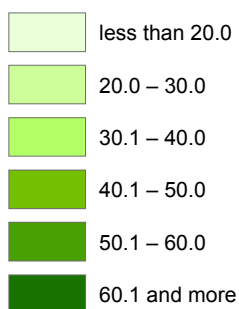
<sup>1)</sup> Data of the State Property Committee of the Republic of Belarus.

### 9.3. Forest cover of the territory by districts

(as of January 1, 2015; percent)



Percent forest cover of the territory



<sup>1)</sup> Data of the State Property Committee of the Republic of Belarus.

### 9.4. Main activities in forestry

	2010	2011	2012	2013	2014
Reforestation and afforestation, ha	32 983	30 555	31 172	30 284	32 349
Introduction of young growth into valuable tree plantation category, ha	43 700	51 655	52 284	58 369	59 237
Seed harvesting of wood and shrub species, tonnes	231.0	67.5	184.9	174.5	86.1
Forest management, thous. ha	1 250	1 144	1 442	915	919
Timber cut by all types of fellings <sup>1)</sup> :					
area, thous. ha	462.4	578.3	545.0	535.3	523.9
marketable timber, thous. m <sup>3</sup>	15 473	17 670	18 059	18 521	19 559
Forest pest and disease control, ha:					
biological	22 731	22 765	23 673	35 103	23 904
chemical	292	1 693	664	556	356
Forest fire control with the aid of aviation <sup>2)</sup> , thous. ha	9 367	9 364	9 375	9 410	9 420

<sup>1)</sup> Data of the Ministry of Forestry of the Republic of Belarus.

<sup>2)</sup> Data for years 2010, 2011 as of November 1.

Continued

	2010	2011	2012	2013	2014
<b>As % of previous year</b>					
Reforestation and afforestation	80.9	92.6	102.0	97.2	106.8
Introduction of young growth into valuable tree plantation category	101.7	118.2	101.2	111.6	101.5
Seed harvesting of wood and bush species	240.9	29.2	273.9	94.4	49.3
Forest management	106.0	91.5	126.0	63.5	100.4
Timber cut by all types of fellings:					
area	114.8	125.1	94.2	98.2	97.9
marketable timber	117.1	114.2	102.2	102.6	105.6
Forest pest and disease control					
biological	100.4	100.1	104.0	148.3	68.1
chemical	41.5	5.8 times	39.2	83.7	64.0
<b>As % of 2010</b>					
Reforestation and afforestation	100	92.6	94.5	91.8	98.1
Introduction of young growth into valuable tree plantation category	100	118.2	119.6	133.6	135.6
Seed harvesting of wood and bush species	100	29.2	80.0	75.5	37.3
Forest management	100	91.5	115.4	73.2	73.5
Timber cut by all types of fellings:					
area	100	125.1	117.9	115.8	113.3
marketable timber	100	114.2	116.7	119.7	126.4
Forest pest and disease control					
biological	100	100.1	104.1	154.4	105.2
chemical	100	5.8 times	227.4	190.4	121.9

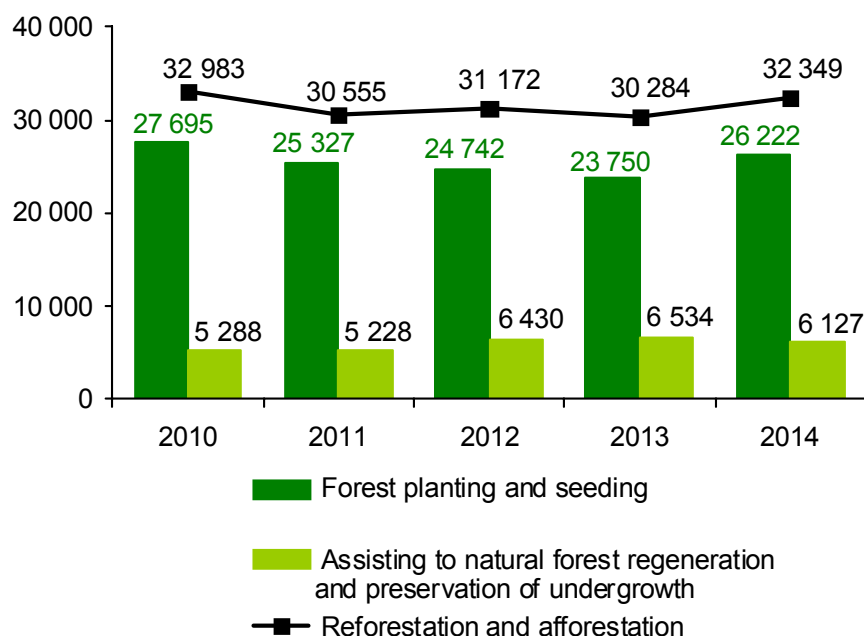


### 9.5. Reforestation and afforestation by region (hectares)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	32 983	30 555	31 172	30 284	32 349
Region:					
Brest	2 954	3 212	4 066	3 963	3 574
Vitebsk	6 259	6 210	6 029	5 825	6 144
Gomel	7 689	7 210	7 190	6 985	7 304
Grodno	3 603	3 936	3 917	3 775	4 214
Minsk	6 558	5 549	5 655	5 424	5 668
Mogilev	5 920	4 438	4 315	4 312	5 445
<b>of which:</b>					
<b>forest planting and seeding</b>					
Republic of Belarus	27 695	25 327	24 742	23 750	26 222
Region:					
Brest	2 652	2 604	3 077	2 836	2 740
Vitebsk	4 891	4 675	4 165	3 758	4 210
Gomel	6 546	6 440	5 980	5 892	6 333
Grodno	3 157	3 451	3 447	3 116	3 712
Minsk	5 372	4 637	4 681	4 771	4 732
Mogilev	5 077	3 520	3 392	3 377	4 495
<b>assistance to natural forest regeneration and preservation of undergrowth</b>					
Republic of Belarus	5 288	5 228	6 430	6 534	6 127
Region:					
Brest	302	608	989	1 127	834
Vitebsk	1 368	1 535	1 864	2 067	1 934
Gomel	1 143	770	1 210	1 093	971
Grodno	446	485	470	659	502
Minsk	1 186	912	974	653	936
Mogilev	843	918	923	935	950

## 9.6. Reforestation and afforestation

(hectares)



## 9.7. Introduction of young growth into valuable tree plantation category by region

(hectares)

	2010	2011	2012	2013	2014
Republic of Belarus	43 700	51 655	52 284	58 369	59 237
Region:					
Brest	5 323	6 252	6 113	6 429	7 246
Vitebsk	6 960	8 752	9 341	10 509	10 461
Gomel	12 601	12 904	13 639	15 122	14 644
Grodno	4 365	4 443	5 050	6 745	5 353
Minsk	9 012	12 553	9 975	8 283	8 720
Mogilev	5 439	6 751	8 166	11 281	12 813

## 9.8. Seed harvesting of wood and shrub species by region

(tonnes)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	231.0	67.5	184.9	174.5	86.1
Region:					
Brest	17.0	19.5	29.9	9.4	8.1
Vitebsk	5.8	3.4	5.8	5.7	7.0
Gomel	141.8	22.4	90.2	80.4	27.6
Grodno	3.9	5.4	10.0	11.7	6.2
Minsk	21.6	13.7	27.4	25.0	14.3
Mogilev	40.9	3.1	21.6	42.3	22.9
<b>of which: coniferous species</b>					
Republic of Belarus	5.4	7.5	17.6	3.6	11.4
Region:					
Brest	0.5	1.0	2.4	0.9	1.5
Vitebsk	0.8	1.0	3.4	0.1	1.3
Gomel	1.8	2.2	2.1	1.1	2.7
Grodno	0.3	0.3	2.0	0.5	1.0
Minsk	1.3	1.5	4.0	0.6	2.5
Mogilev	0.7	1.4	3.7	0.4	2.3
<b>of which: pine</b>					
Republic of Belarus	5.2	7.0	5.1	3.3	10.9
Region:					
Brest	0.5	1.0	1.0	0.9	1.5
Vitebsk	0.8	0.7	0.3	0.1	1.3
Gomel	1.8	2.2	1.9	1.0	2.7
Grodno	0.2	0.3	0.2	0.4	1.0
Minsk	1.3	1.5	0.6	0.5	2.5
Mogilev	0.6	1.4	1.1	0.3	1.9

Continued

	2010	2011	2012	2013	2014
<b>spruce</b>					
Republic of Belarus	0.11	0.43	12.4	0.3	0.5
Region:					
Brest	0.02	0.0	1.3	–	–
Vitebsk	0.03	0.35	3.1	0.0	0.0
Gomel	0.01	0.02	0.2	0.0	0.0
Grodno	–	–	1.8	0.0	–
Minsk	0.02	0.03	3.4	0.1	0.0
Mogilev	0.03	0.03	2.6	0.1	0.5
<b>deciduous and shrub species (including industrial)</b>					
Republic of Belarus	225.6	60.0	167.4	170.9	74.7
Region:					
Brest	16.5	18.5	27.5	8.5	6.6
Vitebsk	5.0	2.4	2.4	5.6	5.7
Gomel	140.0	20.2	88.2	79.4	24.9
Grodno	3.6	5.1	8.0	11.2	5.2
Minsk	20.3	12.2	23.4	24.3	11.9
Mogilev	40.2	1.7	17.9	41.8	20.5
<b>of which oak</b>					
Republic of Belarus	218.0	49.6	159.9	163.1	66.0
Region:					
Brest	15.0	16.3	25.6	7.1	5.2
Vitebsk	4.8	1.4	1.9	5.1	4.7
Gomel	138.9	18.5	87.2	78.1	23.4
Grodno	3.0	4.3	7.2	10.3	3.7
Minsk	16.7	8.3	20.8	21.1	9.0
Mogilev	39.6	0.8	17.2	41.4	19.9

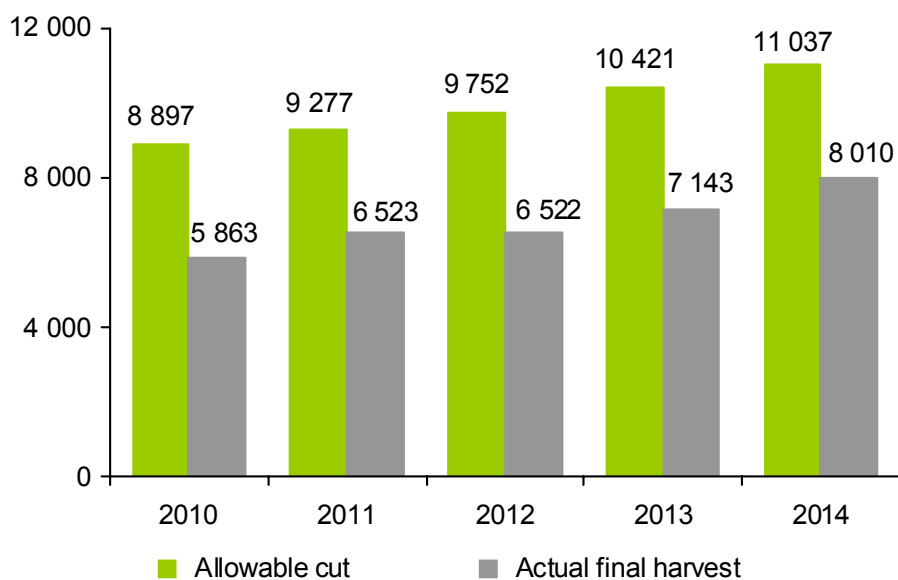
## 9.9. Forest management by region

(thousand hectares)

	2010	2011	2012	2013	2014
Republic of Belarus	1 250	1 144	1 442	915	919
Region:					
Brest	1	1	152	419	163
Vitebsk	110	129	52	52	523
Gomel	357	831	216	412	220
Grodno	–	–	6	2	–
Minsk	764	1	–	18	–
Mogilev	18	181	1 016	12	13

## 9.10. Dynamics of allowable cut and actual final timber harvest<sup>1)</sup>

(thousand cubic metres)



<sup>1)</sup> Data of the Ministry of Forestry of the Republic of Belarus.

### 9.11. Forest felling area by region<sup>1)</sup>

(thousand hectares)

	2010	2011	2012	2013	2014
<b>All cutting types<sup>2)</sup></b>					
Republic of Belarus	462.4	578.3	545.0	535.3	523.9
Region:					
Brest	86.7	114.1	111.5	107.8	99.8
Vitebsk	62.4	68.2	66.9	63.6	65.2
Gomel	97.9	125.8	112.1	117.5	100.4
Grodno	36.2	56.5	56.3	56.0	57.9
Minsk	111.3	131.6	123.2	119.4	125.0
Mogilev	67.9	82.2	75.1	70.9	75.6
<b>of which final cutting</b>					
Republic of Belarus	25.4	28.9	28.1	30.5	43.4
Region:					
Brest	3.0	4.3	4.3	4.2	6.7
Vitebsk	5.5	5.7	5.4	6.1	7.4
Gomel	6.3	7.1	6.6	7.8	8.3
Grodno	2.3	2.6	2.7	2.4	2.6
Minsk	5.0	5.7	6.3	6.4	6.9
Mogilev	3.2	3.3	2.9	3.5	11.5

<sup>1)</sup> Data of the Ministry of Forestry of the Republic of Belarus.

<sup>2)</sup> Including felling area on areas where cutting had not been completed in previous years.

**9.12. Marketable timber harvest by region<sup>1)</sup>**

(thousand cubic metres)

	2010	2011	2012	2013	2014
<b>All cutting types<sup>2)</sup></b>					
Republic of Belarus	15 473	17 670	18 059	18 521	19 559
Region:					
Brest	1 638	2 162	2 220	2 204	2 298
Vitebsk	2 675	3 089	3 210	3 336	3 411
Gomel	3 185	3 633	3 637	3 983	4 149
Grodno	1 679	2 003	1 965	1 989	2 184
Minsk	3 853	3 818	3 852	3 735	3 850
Mogilev	2 443	2 965	3 175	3 273	3 668
<b>of which final cutting</b>					
Republic of Belarus	5 863	6 523	6 522	7 143	8 010
Region:					
Brest	602	838	856	839	845
Vitebsk	1 269	1 357	1 238	1 415	1 489
Gomel	1 454	1 582	1 551	1 853	1 868
Grodno	593	627	653	637	702
Minsk	1 152	1 273	1 459	1 481	1 557
Mogilev	794	846	765	918	1 549

<sup>1)</sup> Data of the Ministry of Forestry of the Republic of Belarus.<sup>2)</sup> Including timber harvest on areas where cutting had not been completed in previous years.

### 9.13. Forest pest and disease control by region

(hectares)

	2010	2011	2012	2013	2014
<b>Biological control</b>					
Republic of Belarus	22 731	22 765	23 673	35 103	23 904
Region:					
Brest	3 164	3 258	3 567	13 962	2 876
Vitebsk	3 037	3 043	3 032	3 017	3 161
Gomel	6 804	6 790	7 565	8 416	7 329
Grodno	3 112	3 082	2 722	2 937	3 730
Minsk	4 195	4 229	4 317	4 354	4 315
Mogilev	2 419	2 365	2 469	2 417	2 492
<b>Chemical control</b>					
Republic of Belarus	292	1 693	664	556	356
Region:					
Brest	27	38	49	40	34
Vitebsk	57	82	108	59	87
Gomel	54	1 370	26	249	27
Grodno	26	35	38	33	32
Minsk	69	104	140	109	112
Mogilev	59	64	303	66	64



### 9.14. Pest-affected forest area

(end of year; hectares)

	2010	2011	2012	2013	2014
Total pest-affected area	168 605	247 857	209 495	193 881	191 927
of which with:					
needle-eating pests	100	74 244	553	575	335
leaf-eating pests	477	8 426	23 047	11 007	8 526
other pests	2 155	1 900	1 872	1 883	2 511
forest diseases	165 873	163 287	184 023	180 416	180 555

### 9.15. Area of forest loss by region

(hectares)

	2010	2011	2012	2013	2014
Republic of Belarus	13 502	10 569	9 848	8 222	8 594
Region:					
Brest	260	1 459	736	686	764
Vitebsk	2 425	895	1 819	1 775	1 319
Gomel	1 825	1 623	1 212	704	1 578
Grodno	1 714	1 516	800	875	1 215
Minsk	5 311	2 318	1 542	972	1 145
Mogilev	1 967	2 758	3 739	3 210	2 572

## 9.16. Area of forest loss by cause

(hectares)

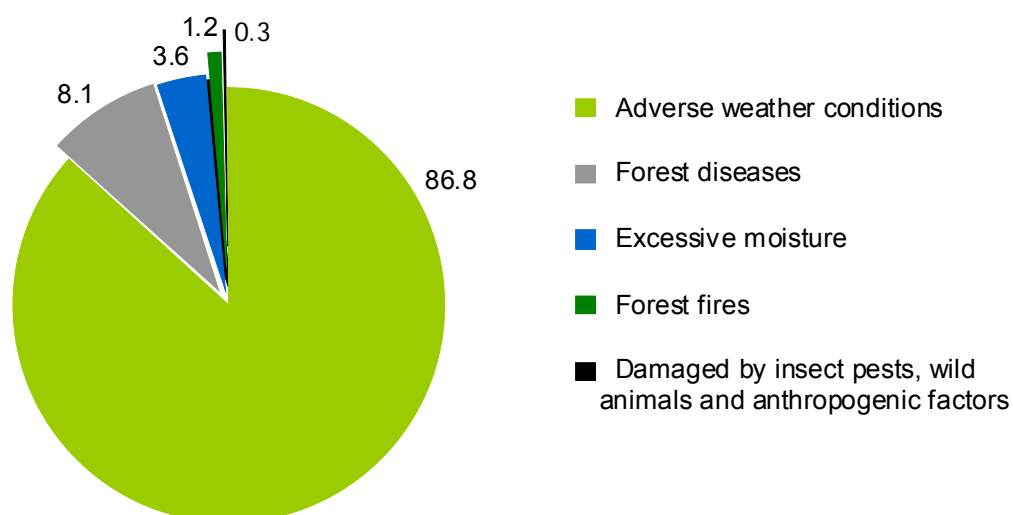
	2010	2011	2012	2013	2014
<b>Total</b>					
Total forest loss	13 502	10 569	9 848	8 222	8 594
of which by cause:					
damaged by insect pests	—	—	—	2	24
damaged by wild animals	323	—	2	—	2
forest diseases	526	708	760	541	697
anthropogenic factors	3	3	—	—	1
adverse weather conditions	11 562	9 345	8 274	7 145	7 455
excessive moisture	745	243	652	454	310
forest fires	343	269	160	79	105
<b>of which: coniferous species</b>					
Total forest loss	10 671	8 667	8 808	7 689	7 746
of which by cause:					
damaged by insect pests	—	—	—	2	24
damaged by wild animals	320	—	2	—	2
forest diseases	350	493	641	487	634
anthropogenic factors	3	3	—	—	1
adverse weather conditions	9 098	7 769	7 607	6 806	6 781
excessive moisture	566	162	405	315	199
forest fires	334	239	153	78	104

Continued

	2010	2011	2012	2013	2014
<b>deciduous species</b>					
Total forest loss	2 831	1 902	1 040	533	848
of which by cause:					
damaged by wild animals	3	–	–	–	–
forest diseases	176	215	119	54	63
anthropogenic factors	–	–	–	–	–
adverse weather conditions	2 464	1 576	667	339	674
excessive moisture	179	81	247	139	111
forest fires	9	30	7	1	1

### 9.17. Structure of area of forest loss by cause in 2014

(percent)

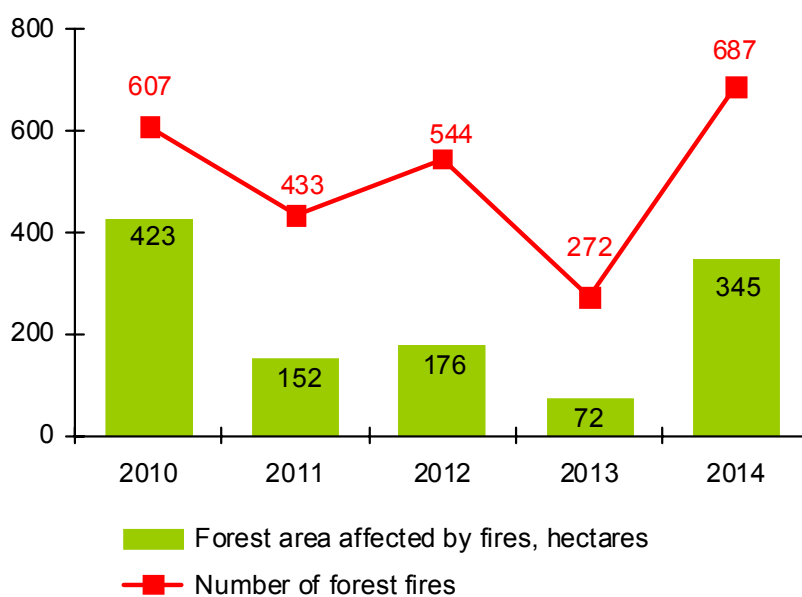


### 9.18. Forest fires by region<sup>1)</sup>

	2010	2011	2012	2013	2014
<b>Number of forest fires</b>					
Republic of Belarus	607	433	544	272	687
Region:					
Brest	86	102	148	35	92
Vitebsk	50	35	26	32	30
Gomel	249	113	142	97	285
Grodno	46	65	61	36	47
Minsk	58	69	136	48	163
Mogilev	118	49	31	24	70
<b>Forest area affected by fires, hectares</b>					
Republic of Belarus	423	152	176	72	345
Region:					
Brest	56	27	53	6	30
Vitebsk	46	15	7	8	24
Gomel	132	41	54	21	157
Grodno	20	18	15	6	15
Minsk	20	22	29	9	75
Mogilev	149	30	18	22	45
<b>Standing timber burnt and damaged, cubic metres</b>					
Republic of Belarus	2 165	4 197	7 675	1 572	13 735
Region:					
Brest	1 826	1 023	2 092	75	2 411
Vitebsk	52	250	248	83	—
Gomel	275	1 132	4 653	1 341	6 774
Grodno	12	1 214	574	30	133
Minsk	—	578	80	43	3 500
Mogilev	—	—	28	—	917

<sup>1)</sup> Data for years 2010, 2011 as of November 1.

### 9.19. Number of forest fires and forest area affected by fires<sup>1)</sup>



### 9.20. Forest fire control with the aid of aviation by region<sup>1)</sup>

(thousand hectares)

	2010	2011	2012	2013	2014
Republic of Belarus	9 367	9 364	9 375	9 410	9 420
Region:					
Brest	1 497	1 493	1 495	1 494	1 500
Vitebsk	1 868	1 871	1 854	1 873	1 873
Gomel	2 201	2 204	2 217	2 224	2 225
Grodno	912	903	910	922	924
Minsk	1 654	1 657	1 662	1 660	1 660
Mogilev	1 235	1 238	1 238	1 237	1 239

<sup>1)</sup>Data for years 2010, 2011 as of November 1.

**9.21. Procurement of wild-growing foods  
by region<sup>1)</sup>**  
(tonnes)

	2010	2011	2012	2013	2014
<b>Fruits and berries</b>					
Republic of Belarus	12 448	18 171	23 322	16 614	5 802
Region:					
Brest	3 200	3 916	5 353	2 078	1 159
Vitebsk	1 753	1 773	1 848	1 889	745
Gomel	1 441	2 308	3 032	1 806	712
Grodno	1 910	2 818	2 756	2 939	956
Minsk	3 340	6 046	8 584	7 090	2 037
Mogilev	804	1 310	1 749	813	192
<b>of which cranberry</b>					
Republic of Belarus	1 568	2 694	2 128	1 394	394
Region:					
Brest	552	794	669	515	113
Vitebsk	166	389	271	167	70
Gomel	97	395	535	289	67
Grodno	93	114	138	188	13
Minsk	432	805	378	115	58
Mogilev	228	198	137	121	72
<b>Mushrooms, fresh, dried or salted (in fresh equivalent)</b>					
Republic of Belarus	6 857	7 597	9 920	6 681	4 935
Region:					
Brest	529	585	461	324	549
Vitebsk	352	312	241	387	274
Gomel	1 292	1 310	1 486	1 683	1 057
Grodno	1 921	2 621	2 269	2 117	1 685
Minsk	2 153	2 170	4 759	1 787	1 051
Mogilev	610	598	704	383	318

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

**10. GAME HUSBANDRY<sup>1)</sup>****10.1. Area of hunting grounds by region**

(end of year; million hectares)

	2010	2011	2012	2013	2014
<b>Total</b>					
Republic of Belarus	16.7	16.7	16.8	16.7	16.6
Region:					
Brest	2.7	2.7	2.7	2.7	2.7
Vitebsk	3.5	3.5	3.4	3.5	3.5
Gomel	3.0	3.0	3.1	3.0	3.0
Grodno	1.9	1.9	1.9	1.9	1.9
Minsk	3.2	3.2	3.2	3.2	3.2
Mogilev	2.4	2.4	2.5	2.5	2.4
<b>of which under game husbandry management</b>					
Republic of Belarus	10.3	9.9	12.9	14.8	15.1
Region:					
Brest	1.6	2.2	2.3	2.7	2.7
Vitebsk	2.9	1.5	2.6	3.0	3.5
Gomel	0.6	0.9	1.7	1.7	1.6
Grodno	0.9	0.9	1.2	1.9	1.8
Minsk	2.3	2.3	2.8	3.2	3.1
Mogilev	2.0	2.0	2.3	2.5	2.4

<sup>1)</sup> Data in tables 10.1 to 10.5 does not include biological (game) preserves and areas prohibited for hunting. Starting from 2010 – data of the Ministry of Forestry of the Republic of Belarus.

## 10.2. Game husbandry earnings and expenditures

(BYR million; at current prices)

	2010	2011	2012	2013	2014
Earnings from game husbandry maintenance	32 395	67 827	122 466	168 677	173 536
Expenditures on game husbandry maintenance	31 005	51 195	112 880	160 265	185 424
of which on biotechnical activities designed for wildlife reproduction and protection	7 624	9 894	28 859	30 445	33 776
of which:					
distribution (settlement) of game animals	21	49	9 233	4 830	7 194
purchase of supplementary feeds for wild animals	5 985	8 808	14 331	21 036	22 823

## 10.3. Expenditures on biotechnical activities designed for wildlife reproduction and protection by region

(BYR million; at current prices)

	2010	2011	2012	2013	2014
Republic of Belarus	7 624	9 894	28 859	30 445	33 776
Region:					
Brest	3 345	2 780	4 022	8 107	9 234
Vitebsk	840	1 198	12 721	9 610	13 048
Gomel	2 416	4 110	8 893	7 542	7 055
Grodno	307	451	948	1 771	1 041
Minsk	504	1 013	1 645	2 458	2 393
Mogilev	212	342	630	957	1 006



**10.4. Populations of major game species**

(thousand animal units)

	2010	2011	2012	2013	2014
Elk	22.8	24.3	26.9	27.9	30.1
Red deer	9.4	10.0	11.3	12.2	13.6
Boar	69.7	74.0	77.8	80.4	8.6
Roe deer	69.1	69.5	73.3	74.0	71.5
Squirrel	118.3	113.7	126.7	111.1	102.4
Hare	161.3	169.4	161.3	154.1	152.8
Fox	40.3	42.7	37.0	33.8	29.7
Muskrat	36.9	32.3	35.1	27.6	24.4
Mink	21.4	21.6	23.7	22.3	22.5
Beaver	63.3	60.5	64.4	62.0	63.4
Bear, animal units	111	117	110	123	119
Wood grouse	8.9	9.3	8.9	9.1	8.2
Black grouse	37.4	37.9	36.1	34.6	39.9

**10.5. Hunting of major game species**

(thousand animal units)

	2010	2011	2012	2013	2014
Elk	1.6	1.9	2.4	2.5	3.3
Red deer	0.7	0.7	0.8	0.9	1.1
Boar	25.9	28.4	29.7	48.1	30.6
Roe deer	5.9	6.1	6.6	6.2	6.6
Squirrel	2.3	2.6	4.1	3.5	2.5
Hare	47.5	42.0	44.1	40.5	40.1
Fox	22.6	18.2	16.9	16.4	15.2
Muskrat	3.0	2.8	2.2	2.2	1.8
Mink	2.5	2.4	3.0	3.7	4.0
Beaver	2.3	14.3	6.0	6.3	6.0
Wood grouse	0.2	0.1	0.1	0.1	0.1
Black grouse	0.3	0.2	0.2	0.2	0.2

## 11. TRANSPORT

### 11.1. Fleet of transport vehicles

(at year-end; units)

	2010	2011	2012	2013	2014
<b>Corporate transport vehicles</b>					
motor road transport vehicles <sup>1)</sup>	411 213	412 945	421 700	426 579	436 588
of which:					
freight	277 204	275 328	279 841	285 388	285 556
passenger cars	100 215	104 048	107 775	107 318	115 403
buses	33 794	33 569	34 084	33 873	35 629
trolleybuses	1 772	1 775	1 741	1 752	1 749
tramway cars	280	276	273	283	284
metro cars	302	302	337	336	361
<b>Privately owned vehicles<sup>1)</sup></b>					
freight motor road vehicles	119 402	121 133	123 274	128 805	135 632
buses	10 863	9 509	10 799	10 876	11 400
passenger cars, thous. units	2 501.2	2 646.5	2 640.8	2 670.6	2 827.2
<b>Inland water transport</b>					
general use vessels (including tugboats and pushboats)	257	245	242	237	245
auxiliary vessels	218	211	224	220	210
general use passenger vessels	11	12	12	14	12

<sup>1)</sup> Data of the Ministry of Internal Affairs of the Republic of Belarus.

**11.2. Privately owned transport vehicles  
by regions and Minsk city<sup>1)</sup>**  
(at year-end; units)

	2010	2011	2012	2013	2014
<b>Freight motor road vehicles</b>					
Republic of Belarus	119 402	121 133	123 274	128 805	135 632
Regions:					
Brest	18 798	19 155	19 203	19 683	20 273
Vitebsk	18 233	18 644	18 398	18 044	17 705
Gomel	16 448	17 326	17 285	18 081	18 472
Grodno	12 997	13 250	13 452	13 765	14 078
Minsk city	18 683	17 718	20 405	21 073	22 122
Minsk	18 895	19 437	19 890	18 038	22 253
Mogilev	15 348	15 603	14 641	20 121	20 729
<b>Buses</b>					
Republic of Belarus	10 863	9 509	10 799	10 876	11 400
Regions:					
Brest	1 304	1 282	1 235	1 257	1 305
Vitebsk	2 043	1 894	1 785	1 770	1 854
Gomel	1 612	1 690	1 577	1 660	1 696
Grodno	1 099	1 096	1 070	1 105	1 162
Minsk city	2 039	2 019	1 954	1 898	2 171
Minsk	1 077	1 091	1 313	1 398	1 298
Mogilev	1 689	437	1 865	1 788	1 914
<b>Passenger cars, thousand units</b>					
Republic of Belarus	2 501.2	2 646.5	2 640.8	2 670.6	2 827.2
Regions:					
Brest	375.7	402.0	400.9	406.7	428.6
Vitebsk	298.4	313.6	316.0	304.5	343.2
Gomel	310.2	330.7	332.9	342.2	360.8
Grodno	314.6	336.2	334.1	338.6	352.7
Minsk city	561.0	598.5	587.2	595.3	619.4
Minsk	384.2	404.7	408.9	415.0	438.7
Mogilev	257.1	260.8	260.8	268.3	283.7

<sup>1)</sup> Data of the Ministry of Internal Affairs of the Republic of Belarus.

### 11.3. Passenger turnover by modes of transport

	2010	2011	2012	2013	2014
<b>Passenger turnover by modes of transport, million passenger-kilometres</b>					
All modes of transport	23 498	23 671	25 295	26 618	25 092
of which:					
railway	7 578	7 941	8 977	8 998	7 796
bus	10 194	9 923	10 016	10 546	9 946
city electric and metro transport	4 025	4 032	4 130	4 373	4 088
inland water	3	4	4	3	3
air	1 571	1 643	2 036	2 490	3 070
taxicab	127	128	133	208	189
<b>as percentage of total passenger turnover</b>					
All modes of transport	100	100	100	100	100
of which:					
railway	32.3	33.6	35.5	33.8	31.1
bus	43.4	41.9	39.6	39.6	39.6
city electric and metro transport	17.1	17.1	16.4	16.4	16.3
inland water	0.01	0.02	0.01	0.01	0.01
air	6.7	6.9	8.0	9.4	12.2
taxicab	0.5	0.5	0.5	0.8	0.8

### 11.4. Freight turnover by modes of transport

	2010	2011	2012	2013	2014
<b>Freight turnover by modes of transport, million tonne-kilometres</b>					
All modes of transport	128 144	134 269	131 684	130 752	131 402
of which:					
pipeline	65 743	65 258	61 134	61 220	59 704
railway	46 224	49 406	48 351	43 818	44 997
motor road	16 023	19 436	22 031	25 603	26 587
inland water	110	143	134	84	49
air	44	27	34	27	65
<b>as percentage of total freight turnover</b>					
All modes of transport	100	100	100	100	100
of which:					
pipeline	51.3	48.6	46.4	46.8	45.4
railway	36.1	36.8	36.7	33.5	34.3
motor road	12.5	14.5	16.8	19.6	20.2
inland water	0.1	0.1	0.1	0.1	0.04
air	0.03	0.02	0.03	0.02	0.05

## 12. WASTE

### 12.1. Generation, utilization and disposal of industrial waste in organisations by regions and Minsk city<sup>1)</sup>

	2010	2011	2012	2013	2014
<b>Waste generated, thousand tonnes</b>					
Republic of Belarus	43 775	44 307	40 847	40 305	52 529
Region:					
Brest	1 617	1 040	1 053	1 412	1 449
Vitebsk	718	885	862	843	836
Gomel	2 600	2 973	3 120	2 993	3 702
Grodno	1 954	1 704	1 781	2 196	1 864
Minsk city	1 574	1 858	1 617	2 397	2 072
Minsk	31 710	32 765	29 665	27 355	38 210
Mogilev	3 603	3 082	2 749	3 109	4 396
<b>Waste utilized, thousand tonnes<sup>2)</sup></b>					
Republic of Belarus	13 647	12 670	13 066	20 059	16 654
Region:					
Brest	1 435	934	902	1 221	1 244
Vitebsk	452	548	518	553	631
Gomel	1 225	1 633	2 244	7 020	5 032
Grodno	1 691	1 371	1 396	1 404	1 131
Minsk city	539	848	671	1 162	996
Minsk	4 579	4 388	4 652	5 871	5 772
Mogilev	3 726	2 948	2 683	2 828	1 848
<b>as percentage of waste generated</b>					
Republic of Belarus	31.2	28.6	32.0	49.8	31.7
Region:					
Brest	88.7	89.8	85.7	86.5	85.9
Vitebsk	62.9	61.9	60.1	65.6	75.5
Gomel	47.1	54.9	71.9	234.5	135.9
Grodno	86.5	80.5	78.4	63.9	60.7
Minsk city	34.3	45.6	41.5	48.5	48.1
Minsk	14.4	13.4	15.7	21.5	15.1
Mogilev	103.4	95.7	97.6	91.0	42.0

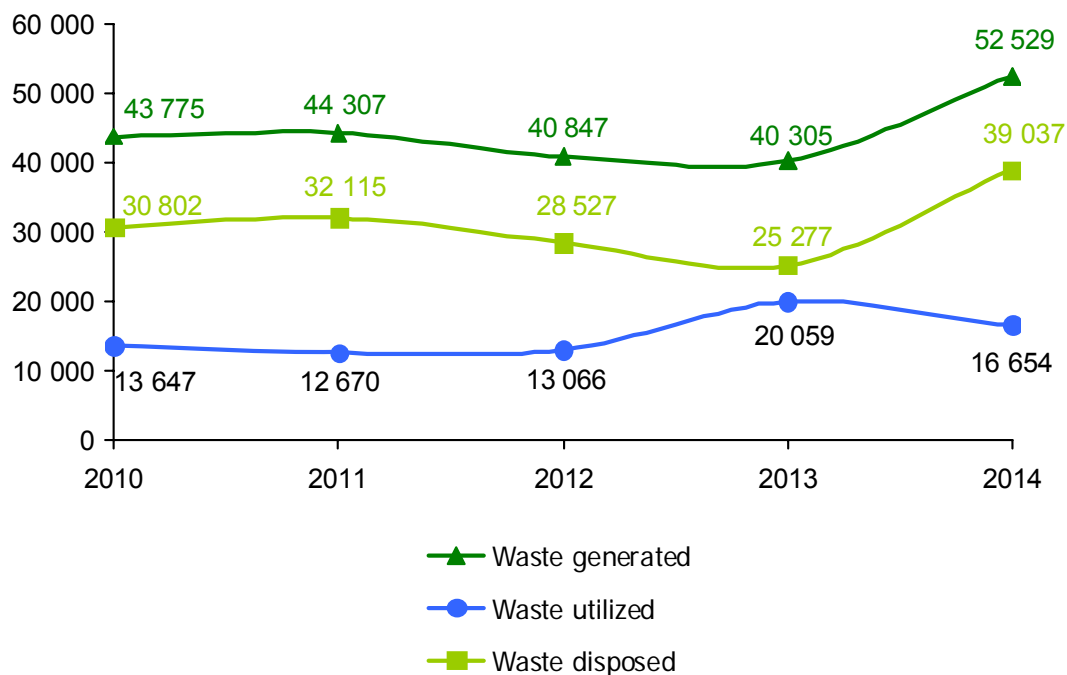
Continued

	2010	2011	2012	2013	2014
<b>Waste disposed, thousand tonnes<sup>2)</sup></b>					
Republic of Belarus	30 802	32 115	28 527	25 277	39 037
Region:					
Brest	258	164	165	209	248
Vitebsk	283	352	348	301	224
Gomel	1 428	1 405	1 305	648	1 431
Grodno	396	435	475	856	824
Minsk city	1 046	1 030	949	1 240	1 091
Minsk	27 197	28 399	25 049	21 526	32 522
Mogilev	194	330	236	497	2 698

<sup>1)</sup> Tables 12.1, 12.2 and 12.5-12.9 are based on the data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus.

## 12.2. Dynamics of generation, utilization and disposal of industrial waste<sup>2)</sup>

(thousand tonnes)



<sup>2)</sup> Partial utilization or disposal of previously generated waste.

### 12.3. Generation of industrial waste in organisations per inhabitant by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	4 612	4 677	4 316	4 258	5 544
Region:					
Brest	1 158	747	757	1 016	1 043
Vitebsk	586	727	712	700	696
Gomel	1 809	2 076	2 184	2 098	2 598
Grodno	1 828	1 602	1 680	2 078	1 769
Minsk city	849	991	854	1 254	1 074
Minsk	22 399	23 279	21 149	19 508	27 190
Mogilev	3 296	2 843	2 549	2 893	4 102

### 12.4. Utilization of industrial waste in organisations per inhabitant by regions and Minsk city

(kilogrammes)

	2010	2011	2012	2013	2014
Republic of Belarus	1 438	1 338	1 381	2 119	1 758
Region:					
Brest	1 027	670	648	879	896
Vitebsk	369	450	428	459	526
Gomel	852	1 140	1 571	4 921	3 532
Grodno	1 582	1 289	1 317	1 329	1 073
Minsk city	291	452	354	608	516
Minsk	3 234	3 118	3 317	4 187	4 107
Mogilev	3 410	2 719	2 488	2 632	1 724



### 12.5. Generation, utilization and neutralization of hazardous industrial waste

(thousand tonnes)

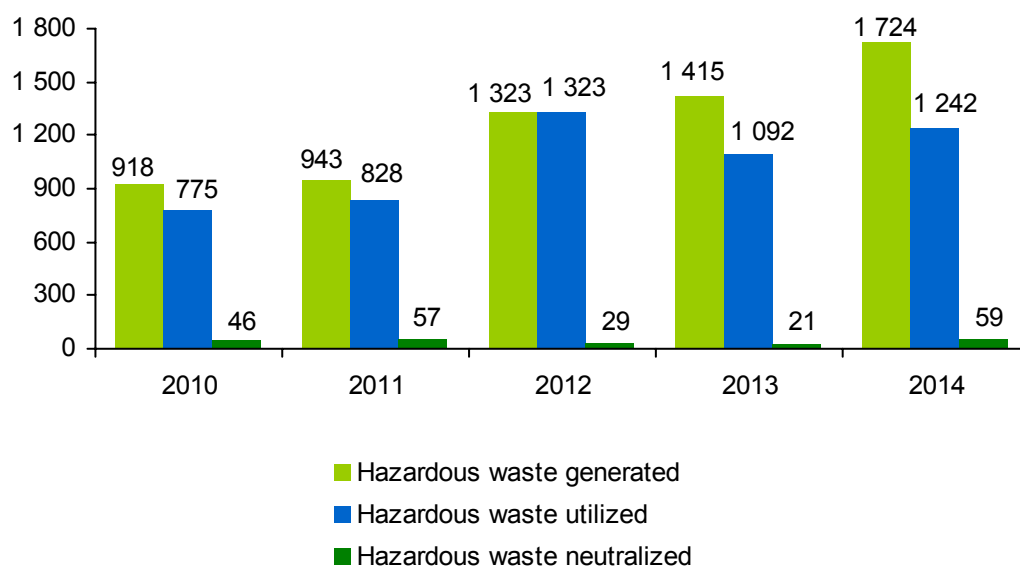
	2010	2011	2012	2013	2014
<b>Hazardous waste generated</b>					
Total	918.2	943.2	1 322.8	1 415.4	1 724.0
of which:					
blast-furnace slag	78.7	104.8	191.9	18.3	123.7
galvanic sludge	4.8	4.1	8.0	12.8	8.9
stillage residues	23.3	20.7	33.8	24.0	31.5
used oils	24.9	24.9	21.4	25.0	27.0
waste oil emulsions and transmixes	9.5	12.5	16.5	17.3	14.2
mineral oil slurry and oil residues	6.3	7.2	7.7	9.7	4.9
spent galvanic solutions	6.6	6.4	23.2	22.9	18.0
inorganic acid waste	5.4	5.9	7.1	5.7	6.9
<b>Hazardous waste utilized<sup>1)</sup></b>					
Total	774.9	827.6	1 323.3	1 091.7	1 242.2
of which:					
blast-furnace slag	93.5	101.2	136.4	86.0 <sup>1)</sup>	109.3
galvanic sludge	2.5	1.4	7.2	5.0	6.7
stillage residues	2.3	15.3	27.9	23.7	30.9
used oils	23.6	23.7	20.7	22.2	24.4
waste oil emulsions and transmixes	5.4	2.7	9.3	9.2	8.7
mineral oil slurry and oil residues	0.6	1.0	1.7	2.7	1.7
spent galvanic solutions	6.5	6.2	18.9	7.3	1.2
inorganic acid waste	5.3	5.8	7.0	5.6	6.7

Continued

	2010	2011	2012	2013	2014
<b>Hazardous waste neutralized<sup>1)</sup></b>					
Total	46.0	57.2	29.0	21.3	59.3
of which:					
blast-furnace slag	0.0	0.0	0.0	0.0	0.0
galvanic sludge	0.5	0.3	0.5	0.1	0.0
stillage residues	21.0	5.0	5.9	0.3	0.5
used oils	0.2	0.1	0.2	0.0	0.0
waste oil emulsions and transmixes	3.8	8.9	7.8	8.2	5.5
mineral oil slurry and oil residues	0.2	0.0	0.0	0.0	0.7
spent galvanic solutions	0.1	0.1	4.2	2.2	2.2
inorganic acid waste	0.1	0.1	0.1	0.0	0.1

## 12.6. Dynamics of generation, utilization and neutralization of hazardous industrial waste<sup>1)</sup>

(thousand tonnes)



<sup>1)</sup> Partial utilization or neutralization of previously generated waste.

### 12.7. Generation of industrial waste in organisations by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	43 775.4	44 307.5	40 847.1	40 305.0	52 529.3
<b>Brest region</b>	1 616.8	1 040.3	1 053.0	1 411.9	1 449.1
Brest, city of	193.0	314.0	265.0	764.9	762.7
District:					
Baranovichy	51.8	48.0	47.4	52.1	72.3
Bereza	114.0	98.5	91.3	96.8	87.4
Brest	2.6	3.2	2.2	4.1	1.7
Gantsevichy	7.3	9.2	7.2	38.2	35.0
Drogichin	100.0	12.1	11.9	13.2	14.4
Zhabinka	778.8	99.1	126.6	77.2	79.0
Ivanovo	83.0	97.7	72.6	69.1	90.1
Ivatsevichy	42.8	145.6	160.3	51.4	84.0
Kamenets	14.4	16.1	29.4	2.4	10.0
Kobrin	12.1	7.6	0.7	15.0	13.6
Luninets	37.8	33.4	33.4	45.3	43.9
Lyakhovichy	31.6	7.4	7.3	32.2	5.5
Malorita	9.3	4.4	4.3	4.5	7.2
Pinsk	116.2	120.9	171.3	129.0	91.7
Pruzhany	10.3	15.4	15.2	10.7	14.4
Stolin	11.8	6.8	8.1	6.1	38.6

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	717.7	885.4	862.3	843.0	835.8
Vitebsk, city of	181.0	240.9	218.1	235.8	201.5
District:					
Beshenkovichy	1.2	1.2	1.2	1.2	0.9
Braslav	9.5	9.4	9.4	9.4	12.2
Verkhnedvinsk	7.8	7.9	7.4	7.4	13.8
Vitebsk	7.9	6.0	10.7	5.3	0.2
Glubokoye	9.9	11.8	11.8	16.6	13.6
Gorodok	2.5	2.4	2.4	2.4	4.1
Dokshitsy	3.2	3.2	3.2	3.2	1.6
Dubrovno	2.1	2.1	2.0	2.0	1.3
Lepel	12.5	12.4	6.8	6.7	9.6
Liozno	4.5	4.4	5.3	5.3	2.8
Miory	9.3	9.3	7.3	7.3	4.9
Orsha	35.0	34.6	34.9	35.2	79.6
Polotsk	106.0	106.7	104.9	104.5	93.8
Postavy	121.9	120.9	137.2	137.2	218.3
Rossony	7.9	9.3	4.6	4.6	3.8
Senno	88.4	172.8	162.2	162.2	80.3
Tolochin	10.8	17.0	16.7	16.7	10.9
Ushachy	3.5	4.0	4.8	5.7	5.2
Chashniki	87.3	103.3	108.9	68.9	70.8
Sharkovshchina	1.7	2.0	1.3	1.5	2.5
Shumilino	3.8	3.5	3.8	3.7	4.2

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	2 600.4	2 973.0	3 120.0	2 993.5	3 702.1
Gomel, city of	1 027.0	977.1	1 128.4	1 011.8	983.1
District:					
Bragin	0.0	1.2	0.1	1.5	0.0
Buda-Koshelyovo	14.1	14.0	12.3	15.6	11.0
Vetka	3.7	4.4	8.7	8.1	3.0
Gomel	64.7	51.5	41.7	89.9	80.5
Dobrush	99.4	177.7	135.2	95.9	81.1
Yelsk	7.7	8.9	8.6	0.6	2.6
Zhitkovichy	29.7	25.1	23.8	22.2	12.3
Zhlobin	833.2	1 058.7	1 157.6	968.3	1 907.6
Kalinkovichy	16.0	23.4	12.9	18.6	14.7
Korma	4.2	2.4	5.6	2.9	1.4
Lelchitsy	8.9	4.3	3.9	9.4	3.6
Loyev	2.5	2.9	1.7	1.5	1.8
Mozyr	77.9	78.7	177.3	236.5	124.4
Narovlya	5.2	1.1	2.1	4.1	3.1
Oktyabrsky	7.6	5.8	6.4	5.6	5.7
Petrikov	65.0	92.1	79.9	68.2	69.3
Rechitsa	179.0	196.5	84.7	247.5	222.3
Rogachev	23.4	52.1	45.9	7.3	7.8
Svetlogorsk	81.4	185.4	170.1	151.8	140.5
Khoyniki	46.9	7.2	12.3	18.1	11.5
Chechersk	2.9	2.7	4.9	8.1	14.8

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	1 954.1	1 703.7	1 780.9	2 196.1	1 863.7
Grodno, city of	747.1	564.2	627.0	751.5	823.5
District:					
Berestovitsa	3.6	3.5	5.0	2.4	3.2
Volkovysk	446.8	327.2	335.1	274.2	330.8
Voronovo	2.7	1.6	2.7	7.0	3.3
Grodno	444.3	457.8	465.4	585.2	172.0
Dyatlovo	10.0	9.2	7.7	4.2	4.2
Zelva	3.8	4.4	7.9	2.8	3.0
Ivye	24.4	16.6	11.5	21.5	7.5
Korelichy	4.8	5.2	4.9	5.0	5.2
Lida	93.1	99.3	136.9	97.0	81.5
Mosty	7.6	6.2	10.6	3.8	5.5
Novogrudok	5.9	5.2	6.4	8.9	8.0
Ostrovets	10.4	8.1	11.0	10.0	9.7
Oshmyany	10.7	26.9	10.5	8.7	26.0
Svisloch	3.9	5.3	3.9	8.0	7.4
Slonim	101.9	109.8	100.3	202.7	200.3
Smorgon	18.5	26.5	4.1	182.2	152.1
Shchuchin	14.6	26.6	30.0	21.3	20.8

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	1 574.1	1 858.1	1 616.6	2 397.0	2 072.3
<b>Minsk region</b>	31 709.7	32 764.9	29 665.1	27 355.0	38 210.1
District:					
Berezino	23.3	103.0	117.5	52.9	33.5
Borisov	121.5	121.1	114.6	201.4	230.6
Vileyka	51.0	37.7	70.7	67.9	39.7
Volozhin	14.1	20.0	19.4	5.7	8.8
Dzerzhinsk	19.9	3.9	12.5	16.8	14.4
Kletsk	10.7	11.3	14.1	15.4	19.7
Kopyl	64.8	64.6	60.2	40.9	48.1
Krupki	19.4	25.8	25.0	44.3	54.1
Logoyisk	507.3	782.8	1 222.9	1 615.8	1 334.2
Lyuban	151.9	48.3	39.2	31.5	73.1
Minsk	513.3	393.2	341.7	791.3	707.9
Molodechno	158.7	281.6	240.3	194.3	221.5
Myadel	28.1	27.3	13.4	29.2	1 164.2
Nesvizh	725.0	769.8	773.1	821.8	649.9
Pukhovichy	426.5	523.9	501.3	533.6	254.5
Slutsk	719.0	418.6	249.0	430.4	190.5
Smolevichy	36.7	35.4	47.0	43.1	50.4
Soligorsk	27 884.5	29 038.6	25 613.3	22 260.1	32 970.9
Staryie Dorogi	34.9	10.4	36.3	15.5	19.0
Stolbtsy	143.5	3.7	106.5	112.2	89.3
Uzda	45.9	29.1	31.1	17.0	21.8
Cherven	9.7	14.7	16.8	13.9	13.7

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	3 602.6	3 082.3	2 749.3	3 108.5	4 396.5
Mogilev, city of	139.4	240.6	153.3	316.7	327.2
District:					
Belynychy	4.1	5.6	6.7	9.7	10.0
Bobruysk	260.8	227.8	291.3	551.6	416.8
Bykhov	6.3	13.6	8.1	5.5	8.5
Glusk	12.5	16.4	11.2	11.7	21.1
Gorki	16.4	22.4	19.4	15.4	29.5
Dribin	1.5	1.4	1.2	1.4	0.6
Kirovsk	14.1	4.3	3.5	5.9	6.0
Klimovichy	11.5	8.2	34.2	33.8	15.2
Klichev	5.5	6.1	4.2	7.4	5.0
Kostyukovichy	2 976.5	2 334.6	2 045.3	1 968.7	3 371.7
Krasnopolye	1.3	7.1	9.7	0.1	0.0
Krichev	3.3	3.1	2.7	3.0	2.1
Krugloye	15.0	14.2	7.8	4.7	9.9
Mogilev	4.6	28.7	1.8	8.6	0.8
Mstislavl	1.0	1.1	3.1	3.5	4.9
Osipovichy	50.9	60.0	56.8	59.3	57.7
Slavgorod	1.5	1.7	1.7	1.9	1.7
Khotimsk	6.7	3.0	3.0	9.2	42.6
Chausy	2.5	1.7	5.5	5.3	1.2
Cherikov	4.9	10.0	11.1	12.7	3.9
Shklov	62.3	70.8	69.0	72.5	60.0



### 12.8. Utilization of industrial waste in organisations by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	13 646.8	12 670.2	13 066.4	20 058.7	16 653.9
<b>Brest region</b>	1 434.5	933.9	901.9	1 221.3	1 244.2
Brest. city of	131.4	295.3	228.0	692.5	705.0
District:					
Baranovichy	17.2	25.8	27.5	27.0	50.7
Bereza	111.0	89.4	54.1	57.8	40.6
Brest	1.9	1.4	1.6	3.6	1.6
Gantsevichy	6.5	7.8	5.9	37.4	34.7
Drogichin	6.0	9.5	10.2	11.2	12.2
Zhabinka	842.7	96.6	113.1	75.0	82.5
Ivanovo	76.2	89.6	69.2	65.3	87.9
Ivatsevichy	38.0	141.3	157.0	46.0	79.9
Kamenets	10.9	12.8	28.9	0.2	8.3
Kobrin	6.7	3.7	0.5	8.4	7.3
Luninets	31.0	28.7	28.5	36.9	38.8
Lyakhovichy	30.7	1.9	5.0	27.0	5.4
Malorita	2.2	1.9	1.8	2.0	4.4
Pinsk	107.5	116.3	158.9	119.3	72.3
Pruzhany	5.8	5.9	6.6	7.3	8.3
Stolin	8.8	5.0	5.7	4.6	4.4

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	451.6	547.7	518.5	552.9	631.1
Vitebsk, city of	131.0	146.6	119.0	150.2	129.4
District:					
Beshenkovichy	0.0	0.0	0.0	0.0	0.0
Braslav	7.2	7.2	7.1	7.1	10.0
Verkhnedvinsk	3.9	3.9	3.8	3.8	12.3
Vitebsk	1.9	2.5	6.5	3.4	0.0
Glubokoye	3.4	3.3	3.3	5.7	6.9
Gorodok	0.4	0.3	0.3	0.3	2.1
Dokshitsy	0.0	0.1	0.1	0.1	0.6
Dubrovno	0.6	0.6	0.5	0.5	0.3
Lepel	9.4	9.4	3.3	3.3	6.9
Liozno	2.5	2.5	3.7	3.7	1.7
Miory	2.7	2.7	2.5	2.5	2.2
Orsha	17.6	17.6	16.8	16.9	58.5
Polotsk	38.9	39.5	37.5	37.4	37.3
Postavy	116.6	116.7	130.8	130.8	215.9
Rossony	15.5	7.8	3.0	3.0	2.3
Senno	84.1	162.3	158.6	158.6	79.7
Tolochin	8.6	13.5	15.9	15.9	7.4
Ushachy	2.8	3.1	3.8	4.0	4.6
Chashniki	2.4	6.2	2.0	3.1	51.4
Sharkovshchina	0.0	0.1	0.0	0.1	0.2
Shumilino	2.1	1.8	2.5	2.5	1.7

Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	1 225.3	1 633.4	2 244.4	7 019.6	5 032.0
Gomel. city of	244.3	243.9	243.9	4 746.1	268.7
District:					
Bragin	0.0	0.5	0.0	0.2	0.0
Buda-Koshelyovo	9.5	10.6	9.4	9.1	9.1
Vetka	1.7	3.9	4.4	5.0	2.6
Gomel	57.4	48.8	29.3	92.5	74.8
Dobrush	29.9	37.7	42.5	25.3	23.1
Yelsk	6.1	7.1	6.8	0.3	2.9
Zhitkovichy	19.3	14.0	14.7	14.3	6.4
Zhlobin	441.9	723.9	1 171.0	1 209.9	3 941.2
Kalinkovichy	10.8	18.3	7.3	12.4	9.5
Korma	0.1	0.1	0.2	0.5	0.1
Lelchitsy	8.4	3.0	2.0	7.9	1.8
Loyev	1.9	2.1	0.9	0.7	1.0
Mozyr	57.5	67.1	150.7	200.0	89.9
Narovlya	1.2	0.6	1.2	1.3	0.2
Oktyabrsky	4.6	3.1	4.9	4.0	3.5
Petrikov	57.7	86.5	79.0	64.7	60.6
Rechitsa	158.7	154.7	270.8	477.8	384.8
Rogachev	18.9	47.5	42.8	3.9	5.1
Svetlogorsk	51.4	152.7	155.1	130.6	125.4
Khoyniki	42.2	6.0	6.8	6.7	9.8
Chechersk	1.8	1.3	3.5	6.6	11.7

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	1 690.8	1 370.6	1 396.3	1 404.0	1 130.9
Grodno, city of	526.7	362.7	409.3	169.0	262.4
District:					
Berestovitsa	1.3	1.3	3.0	0.7	1.1
Volkovysk	434.9	367.2	276.8	267.1	305.6
Voronovo	0.5	0.4	0.2	3.9	1.3
Grodno	519.1	384.7	435.7	576.5	233.6
Dyatlovo	5.6	6.4	3.9	0.3	0.3
Zelva	1.0	0.7	0.8	0.7	0.8
Ivye	20.8	16.8	9.5	18.0	6.5
Korelichy	3.1	3.4	3.1	2.9	3.2
Lida	55.6	66.6	109.2	67.4	52.9
Mosty	2.6	3.8	6.4	0.4	0.7
Novogrudok	1.7	2.3	2.3	3.2	2.2
Ostrovets	7.4	6.4	9.7	8.1	7.9
Oshmyany	5.0	3.3	2.6	2.7	9.0
Svisloch	1.0	3.1	2.3	4.7	5.5
Slonim	79.7	98.7	90.5	95.8	86.7
Smorgon	14.3	21.0	12.5	171.3	139.3
Shchuchin	10.5	21.9	22.7	11.4	12.2

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	539.5	848.5	670.6	1 162.1	995.8
<b>Minsk region</b>	4 579.0	4 387.6	4 652.2	5 871.2	5 772.1
District:					
Berezino	36.9	101.0	114.7	50.4	33.0
Borisov	85.0	90.0	78.6	174.8	198.9
Vileyka	45.0	31.9	63.7	60.5	33.5
Volozhin	11.0	17.9	17.2	3.7	7.3
Dzerzhinsk	14.7	0.4	7.7	11.0	7.2
Kletsk	6.7	7.2	9.7	12.3	15.7
Kopyl	62.5	59.1	56.6	37.4	43.3
Krupki	16.7	22.7	22.2	40.3	45.8
Logoyisk	503.2	780.3	1 219.8	1 613.2	1 330.8
Lyuban	148.0	44.3	34.11	27.1	67.8
Minsk	477.7	358.0	288.7	745.0	659.5
Molodechno	140.6	252.9	203.7	185.0	210.5
Myadel	21.6	21.5	8.8	23.3	1 151.9
Nesvizh	730.4	730.6	783.4	825.2	652.1
Pukhovichy	419.6	510.4	477.7	505.0	240.2
Slutsk	714.0	414.2	233.5	421.1	166.0
Smolevichy	16.0	20.5	28.3	23.0	29.4
Soligorsk	932.7	882.5	828.8	967.8	718.4
Staryie Dorogi	32.2	6.4	34.3	13.2	15.1
Stolbtsy	121.9	2.1	101.9	107.8	86.2
Uzda	38.9	24.9	29.4	15.1	19.5
Cherven	3.7	8.8	11.2	9.3	40.1

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	3 726.1	2 948.4	2 682.5	2 827.7	1 847.7
Mogilev, city of	74.5	88.0	113.3	223.2	224.3
District:					
Belynychy	2.2	3.0	4.4	7.0	6.6
Bobruysk	362.4	311.9	368.4	357.8	291.8
Bykhov	4.8	10.9	2.7	2.4	3.5
Glusk	11.0	14.4	10.8	9.9	14.3
Gorki	11.7	14.1	15.1	10.4	20.2
Dribin	0.1	0.2	0.2	0.4	0.2
Kirovsk	11.9	2.1	1.5	4.0	5.3
Klimovichy	9.5	5.1	32.3	25.1	13.6
Klichev	3.7	3.2	3.0	6.3	4.3
Kostyukovichy	3 109.8	2 321.2	1 993.5	2 039.0	1 111.1
Krasnopolye	0.9	5.7	6.9	0.0	0.0
Krichev	1.2	2.4	1.9	1.8	1.3
Krugloye	14.2	13.0	3.5	4.7	15.5
Mogilev	0.5	11.6	0.9	6.7	0.1
Mstislavl	0.4	0.3	2.5	2.9	3.4
Osipovichy	47.6	56.0	51.6	53.3	53.6
Slavgorod	0.1	0.1	0.5	0.6	0.5
Khotimsk	1.9	2.3	2.2	3.4	37.8
Chausy	1.4	0.6	4.1	4.2	0.1
Cherikov	4.0	9.6	9.1	8.4	2.0
Shklov	52.3	72.8	56.0	56.5	38.2

### 12.9. Disposal of industrial waste in organisations by regions, cities and districts

(thousand tonnes)

	2010	2011	2012	2013	2014
<b>Republic of Belarus</b>	30 802.3	32 115.0	28 527.4	25 276.7	39 037.4
<b>Brest region</b>	257.9	164.3	165.4	208.9	248.1
Brest, city of	62.3	45.8	42.0	74.2	77.2
District:					
Baranovichy	35.0	25.7	21.6	27.5	26.0
Bereza	7.0	10.5	39.3	39.2	49.6
Brest	0.6	1.8	0.7	0.6	0.1
Gantsevichy	0.9	1.4	1.4	0.9	0.4
Drogichin	94.3	2.7	1.8	2.0	2.2
Zhabinka	1.6	12.5	14.9	3.9	2.8
Ivanovo	6.9	8.6	3.7	3.9	2.8
Ivatsevichy	4.9	4.5	3.7	5.8	4.5
Kamenets	3.5	3.8	0.4	2.2	1.7
Kobrin	6.0	5.4	0.2	7.3	7.3
Luninets	6.9	5.2	5.4	8.9	6.0
Lyakhovichy	1.2	5.6	2.5	5.2	2.1
Malorita	8.0	2.7	2.7	2.7	2.8
Pinsk	11.2	16.7	14.2	19.7	24.3
Pruzhany	4.6	9.7	8.7	3.5	6.2
Stolin	3.0	1.9	2.4	1.5	34.3

Continued

	2010	2011	2012	2013	2014
<b>Vitebsk region</b>	283.3	352.1	347.8	300.5	223.6
Vitebsk, city of	51.1	100.6	99.5	91.9	75.0
District:					
Beshenkovichy	1.2	1.2	1.2	1.2	0.9
Braslav	2.3	2.3	2.3	2.3	2.4
Verkhnedvinsk	4.1	4.1	3.7	3.7	1.6
Vitebsk	6.2	3.6	4.4	2.3	0.1
Glubokoye	6.6	8.6	8.5	11.1	6.9
Gorodok	2.1	2.1	2.1	2.1	2.1
Dokshitsy	3.1	3.2	3.1	3.1	1.0
Dubrovno	1.5	1.6	1.6	1.6	1.1
Lepel	3.4	3.5	3.5	3.4	3.0
Liozno	2.0	2.0	1.7	1.7	1.4
Miory	6.7	6.7	4.8	4.8	2.8
Orsha	18.3	17.9	18.3	18.5	24.4
Polotsk	69.8	70.3	70.2	70.1	63.9
Postavy	5.3	4.4	6.5	6.5	5.2
Rossony	1.0	1.5	1.6	1.6	1.5
Senno	4.4	10.6	3.6	3.6	1.4
Tolochin	2.2	3.4	0.8	0.8	4.0
Ushachy	0.8	1.0	1.1	1.8	0.6
Chashniki	87.8	100.0	107.0	65.9	19.4
Sharkovshchina	1.7	2.0	1.3	1.5	2.4
Shumilino	1.7	1.7	1.3	1.3	2.5



Continued

	2010	2011	2012	2013	2014
<b>Gomel region</b>	1 428.1	1 404.5	1 304.8	648.4	1 431.2
Gomel, city of	823.8	766.2	897.6	160.0	764.1
District:					
Bragin	0.0	0.7	0.1	1.3	0.0
Buda-Koshelyovo	4.8	4.1	3.8	6.6	3.4
Vetka	2.0	0.5	4.3	3.2	0.4
Gomel	7.4	4.4	12.9	7.7	5.8
Dobrush	69.7	140.9	95.4	71.0	58.0
Yelsk	1.7	1.8	1.9	0.4	0.3
Zhitkovichy	10.6	12.1	9.3	8.2	7.3
Zhlobin	392.2	343.9	164.4	235.5	442.0
Kalinkovichy	5.3	5.2	5.8	6.3	5.3
Korma	4.0	2.3	5.5	2.4	1.3
Lelchitsy	1.3	1.8	1.9	1.9	1.8
Loyev	0.6	0.8	0.9	0.9	0.9
Mozyr	27.4	22.4	28.9	39.2	37.6
Narovlya	4.1	0.5	1.0	2.8	2.9
Oktyabrsky	3.0	2.7	1.8	2.2	2.9
Petrikov	7.3	8.4	6.0	4.6	8.7
Rechitsa	21.0	44.0	25.6	47.2	52.3
Rogachev	4.7	4.9	3.5	3.5	2.8
Svetlogorsk	30.6	32.6	29.5	30.0	26.2
Khoyniki	5.4	1.9	6.0	12.0	3.7
Chechersk	1.2	1.5	1.5	1.5	3.3

Continued

	2010	2011	2012	2013	2014
<b>Grodno region</b>	396.0	435.1	475.0	855.9	823.5
Grodno, city of	223.0	204.4	221.4	583.5	563.8
District:					
Berestovitsa	2.3	2.2	2.1	1.9	2.2
Volkovysk	42.4	33.3	63.4	31.0	35.7
Voronovo	2.2	1.3	2.6	3.1	2.1
Grodno	18.8	95.1	100.4	40.8	11.9
Dyatlovo	5.0	3.7	3.7	3.9	4.0
Zelva	3.2	3.8	7.1	2.1	2.2
Ivye	3.6	1.7	2.1	3.8	1.1
Korelichy	2.1	1.8	1.8	2.1	2.0
Lida	38.5	32.5	31.3	32.5	29.7
Mosty	5.2	2.6	4.3	3.4	4.9
Novogrudok	4.2	3.0	4.2	5.7	5.9
Ostrovets	3.1	1.8	1.5	1.9	2.3
Oshmyany	6.7	23.7	8.0	6.0	17.2
Svisloch	2.8	2.3	1.7	3.3	2.1
Slonim	23.6	11.4	11.2	108.6	113.9
Smorgon	5.1	5.7	0.1	12.0	14.1
Shchuchin	4.2	4.9	7.3	10.2	8.8

Continued

	2010	2011	2012	2013	2014
<b>Minsk city</b>	1 046.2	1 029.9	949.2	1 239.6	1 090.8
<b>Minsk region</b>	27 196.6	28 398.9	25 048.9	21 526.3	32 521.6
District:					
Berezino	3.8	2.3	2.8	2.7	2.0
Borisov	37.1	32.2	36.6	33.1	32.1
Vileyka	6.1	6.1	7.7	8.5	6.8
Volozhin	3.4	2.1	2.2	2.0	1.5
Dzerzhinsk	5.7	3.5	4.8	6.0	7.4
Kletsk	4.4	4.1	4.5	3.6	4.1
Kopyl	3.6	5.7	3.7	3.9	5.0
Krupki	2.7	3.1	2.9	4.1	8.3
Logoyisk	4.1	2.6	3.3	3.1	3.6
Lyuban	4.0	4.2	5.2	4.7	5.5
Minsk	36.4	36.8	53.0	49.1	52.4
Molodechno	20.4	33.5	39.4	23.6	19.4
Myadel	6.6	5.9	4.8	5.9	18.5
Nesvizh	13.8	40.8	10.2	7.5	15.5
Pukhovichy	8.4	16.6	25.2	10.5	15.4
Slutsk	12.6	10.0	18.0	20.3	26.4
Smolevichy	20.9	15.9	18.7	31.1	21.4
Soligorsk	26 960.8	28 156.9	24 790.3	21 292.9	32 261.9
Saryie Dorogi	2.9	4.0	3.0	2.4	3.9
Stolbtsy	25.8	1.7	4.7	4.5	3.9
Uzda	7.1	4.7	2.3	2.0	2.4
Cherven	6.0	6.1	5.9	5.1	4.3

Continued

	2010	2011	2012	2013	2014
<b>Mogilev region</b>	194.2	330.2	236.3	497.1	2 698.5
Mogilev, city of	66.5	155.3	49.7	97.7	110.8
District:					
Belynychy	1.9	2.6	2.7	2.8	3.5
Bobruysk	68.7	91.9	71.9	326.2	244.1
Bykhov	1.5	3.4	5.4	3.2	6.2
Glusk	2.0	2.1	0.8	1.8	7.0
Gorki	4.7	8.4	4.3	6.3	18.1
Dribin	1.4	1.2	1.0	1.1	0.4
Kirovsk	2.2	2.2	2.0	2.0	0.7
Klimovichy	2.0	3.1	1.9	8.7	1.6
Klichev	1.8	2.9	1.2	1.2	0.9
Kostyukovichy	8.1	16.0	57.4	2.8	2 260.9
Krasnopolye	0.4	1.4	2.8	0.1	0.0
Krichev	2.2	1.1	0.8	1.3	0.8
Krugloye	0.9	1.4	4.3	0.3	2.3
Mogilev	4.9	17.4	1.6	2.0	0.7
Mstislavl	0.6	0.8	0.7	0.6	1.6
Osipovichy	3.4	4.3	5.4	6.4	4.6
Slavgorod	1.4	1.5	1.2	1.3	1.2
Khotimsk	4.8	0.7	0.9	5.9	4.9
Chausy	1.4	1.1	1.4	1.1	1.1
Cherikov	1.0	0.5	2.3	4.3	2.2
Shklov	12.4	10.8	17.0	20.2	25.1

**12.10. Removal of solid and liquid municipal waste from settlements  
by special purpose motor road vehicles  
by regions and Minsk city<sup>1)</sup>**

(thousand cubic metres)

	2010	2011	2012	2013	2014
<b>Solid municipal waste</b>					
Republic of Belarus	17 139	18 380	18 299	19 434	19 967
Region:					
Brest	2 380	2 540	2 558	2 509	2 550
Vitebsk	2 023	1 984	1 930	2 085	2 294
Gomel	2 404	2 560	2 604	2 679	2 588
Grodno	1 604	1 782	1 825	1 898	1 994
Minsk city	4 335	4 887	4 622	5 078	5 338
Minsk	2 543	2 717	2 717	3 103	3 057
Mogilev	1 850	1 910	2 044	2 082	2 146
<b>Liquid municipal waste</b>					
Republic of Belarus	1 986	1 579	1 426	1 640	1 422
Region:					
Brest	313	316	272	236	262
Vitebsk	113	115	128	191	64
Gomel	324	341	252	279	260
Grodno	267	267	244	240	216
Minsk city	62	62	49	53	47
Minsk	729	440	440	434	470
Mogilev	178	38	41	206	103

<sup>1)</sup> Data of the Ministry of Housing and Utilities of the Republic of Belarus.

### 13. SELECTED DATA ON THE CHERNOBYL CATASTROPHE CONSEQUENCES

#### 13.1. Area of the Republic of Belarus contaminated with Caesium-137 as a result of Chernobyl catastrophe by region<sup>1)</sup>

(as of January 1, 2012)

	Total area contaminated		Of which by contamination density, thous. km <sup>2</sup>			
	thous. km <sup>2</sup>	% of total area	1-5 Ci/km <sup>2</sup>	5-15 Ci/km <sup>2</sup>	15-40 Ci/km <sup>2</sup>	>40 Ci/km <sup>2</sup>
Republic of Belarus	30.1	14.5	20.9	6.6	2.2	0.4
Region:						
Brest	2.4	7.2	2.3	0.1	—	—
Vitebsk	0.01	0.03	0.01	—	—	—
Gomel	18.3	45.4	11.7	4.7	1.5	0.4
Grodno	0.6	2.4	0.6	<0.01	—	—
Minsk	0.9	2.3	0.9	<0.01	—	—
Mogilev	7.9	27.1	5.4	1.8	0.7	0.05

<sup>1)</sup> Data of the Ministry of Natural Resources and Environmental Protection of the Republic of Belarus; based on laboratory tests of taken samples.

#### 13.2. Area of agricultural land contaminated with Caesium-137 as a result of Chernobyl catastrophe in use of agricultural organisations by region<sup>1)</sup>

(as of January 1, 2015)

	Total agricultural land contaminated		Of which by soil contamination density, thous. ha			
	thous. ha	% of total agricultural land	1-5 Ci/km <sup>2</sup>	5-15 Ci/km <sup>2</sup>	15-40 Ci/km <sup>2</sup>	>40 Ci/km <sup>2</sup>
Republic of Belarus	941.3	10.9	742.2	175.4	23.6	0.1
Region:						
Brest	52.6	3.7	51.0	1.6	0.02	—
Vitebsk	0.3	0.02	0.3	—	—	—
Gomel	561.7	41.7	419.4	123.5	18.7	0.1
Grodno	20.8	1.7	20.5	0.3	—	—
Minsk	50.0	2.7	49.6	0.4	—	—
Mogilev	255.9	19.8	201.4	49.6	4.9	—

<sup>1)</sup> Data of the Ministry of Agriculture and Food of the Republic of Belarus.

### 13.3. Area of forest stock of the Ministry of Forestry of the Republic of Belarus contaminated with Caesium-137 as a result of Chernobyl catastrophe by region<sup>1)</sup>

(as of January 1, 2015)

	Total area of forest fund contaminated		Of which by soil contamination density, thous. ha			
	thous. ha	% of total forest stock	1-5 Ci/km <sup>2</sup>	5-15 Ci/km <sup>2</sup>	15-40 Ci/km <sup>2</sup>	>40 Ci/km <sup>2</sup>
Republic of Belarus	1 424.8	15.0	993.4	301.7	127.7	2.0
Region:						
Brest	94.2	6.7	91.2	3.0	—	—
Vitebsk	0.1	0.0	0.1	—	—	—
Gomel	846.5	37.5	562.5	202.5	80.6	0.9
Grodno	31.4	3.2	31.3	0.1	—	—
Minsk	32.9	1.9	32.6	0.3	—	—
Mogilev	419.7	34.0	275.7	95.8	47.1	1.1

<sup>1)</sup> Data of the Ministry of Forestry of the Republic of Belarus.

### 13.4. Forest seeding and planting on areas contaminated with Caesium-137 as a result of Chernobyl catastrophe by region in 2014

(hectares)

	Forest seeding and planting – total	Of which by soil contamination density			
		1-5 Ci/km <sup>2</sup>	5-15 Ci/km <sup>2</sup>	15-40 Ci/km <sup>2</sup>	>40 Ci/km <sup>2</sup>
Total					
Republic of Belarus	5 767	3 502	1 082	1 178	5
Region:					
Brest	118	101	17	–	–
Gomel	3 702	2 031	724	947	–
Grodno	102	102	–	–	–
Minsk	83	83	–	–	–
Mogilev	1 762	1 185	341	231	5
of which on land excluded from agricultural use					
Republic of Belarus	794	68	130	591	5
Region:					
Gomel	401	–	6	395	–
Mogilev	393	68	124	196	5

### 13.5. Fixed capital investment in post-catastrophe remedial actions by regions and Minsk city

(at current prices)

	2010	2011	2012	2013	2014
<b>BYR billion</b>					
Republic of Belarus	208.6	292.5	619.7	1 029.1	607.3
Region:					
Brest	36.9	41.0	56.2	133.4	73.8
Vitebsk	1.4	0.1	5.9	0.8	2.3
Gomel	126.7	179.1	443.1	770.8	435.8
Grodno	1.7	3.0	4.3	14.9	3.3
Minsk city	0.7	0.7	1.2	–	–
Minsk	8.9	5.7	5.1	8.7	3.9
Mogilev	32.3	62.9	103.9	100.6	88.1
<b>As percentage of total investment</b>					
Republic of Belarus	0.4	0.3	0.4	0.5	0.3
Region:					
Brest	0.4	0.3	0.3	0.6	0.3
Vitebsk	0.03	0.0	0.04	0.0	0.01
Gomel	1.5	1.3	2.1	2.3	1.1
Grodno	0.03	0.03	0.02	0.1	0.01
Minsk city	0.01	0.0	0.0	–	–
Minsk	0.1	0.03	0.02	0.02	0.01
Mogilev	0.6	0.6	0.6	0.6	0.5



## 14. PROFESSIONAL TRAINING IN THE FIELD OF ENVIRONMENTAL PROTECTION AND USE OF NATURAL RESOURCES<sup>1)</sup>

### 14.1. Graduates in the field of environmental protection and use of natural resources by specialty

(persons)

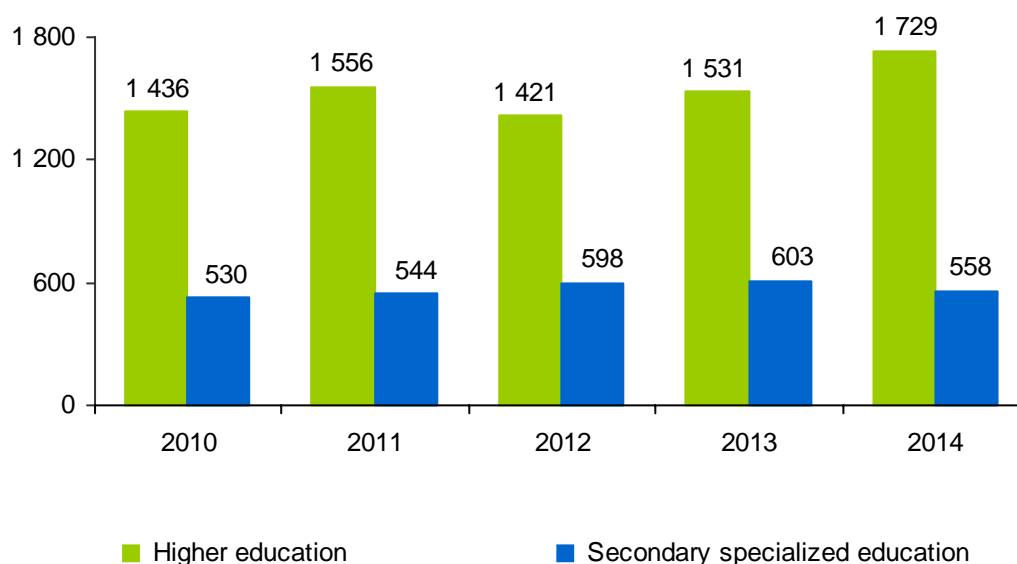
	2010	2011	2012	2013	2014
<b>Higher education graduates</b>					
Bioecology (biologist-ecologist, teacher of biology and ecology)	175	250	246	277	293
Geoecology	95	63	64	76	88
Radioecology	25	18	19	–	–
Ecological monitoring, management and audit	50	56	39	21	22
Medical ecology	73	73	61	107	114
Agricultural ecology	39	95	75	82	138
Geology and mineral exploration	51	48	48	45	98
Environmental protection and rational use of natural resources	79	89	76	78	78
Ecological management and audit in industry	49	40	37	47	44
Bioecology (ecological engineer)	25	22	22	17	13
Heat and gas supply, ventilation and air protection	222	256	263	284	351
Water supply, water disposal and protection of water resources	264	254	241	275	267
Forestry	289	292	230	222	223

Continued

	2010	2011	2012	2013	2014
<b>Secondary specialized education graduates</b>					
Heat and gas supply, ventilation and air protection	–	–	51	61	88
Water supply, water disposal and protection of water resources	73	129	134	133	117
Forestry	457	415	413	409	353

#### 14.2. Higher and secondary specialized education graduates in the field of environmental protection and use of natural resources

(persons)



<sup>1)</sup> Data of the Ministry of Education of the Republic of Belarus.

## 15. INTERNATIONAL COMPARISONS

### 15.1. Belarus and CIS countries<sup>1)</sup>

#### 15.1.1. Water abstraction from natural sources for use (excluding transit water)

(million cubic metres)

	2010	2011	2012	2013
Azerbaijan	11 566	11 779	12 484	12 509
Armenia	2 126	2 438	2 941	2 955
<b>Belarus</b>	1 548	1 592	1 593	1 514
Kazakhstan	23 812	21 948	21 389	22 530
Kyrgyzstan	7 562	8 634	9 942	8 327
Moldova	851	847	850	839
Russia, bn m <sup>3</sup>	72.6	68.4	64.0	61.0
Ukraine <sup>2)</sup>	14 846	14 651	14 651	13 625

<sup>1)</sup> Source: CISSTAT. In tables 15.1.1-15.1.3 data for Moldova include the territory of the left bank of the Dniester River and city of Bendery, in tables 15.1.4-15.1.8 data do not include the territory of the left bank of the Dniester River and city of Bendery.

<sup>2)</sup> Total water abstraction.

#### 15.1.2. Water use

(million cubic metres)

	2010	2011	2012	2013
<b>Total</b>				
Azerbaijan	7 715	8 012	8 249	8 229
Armenia	1 341	1 738	2 187	2 089
<b>Belarus</b>	1 359	1 406	1 442	1 373
Kazakhstan	20 856	19 232	18 403	20 063
Kyrgyzstan	4 478	4 865	4 863	4 400
Moldova	785	785	786	782
Russia, bn m <sup>3</sup>	59.5	59.5	56.9	53.6
Ukraine	9 817	10 086	10 507	10 092

Continued

	2010	2011	2012	2013
<b>of which: industrial water use</b>				
Azerbaijan	1 742	1 760	2 098	2 056
Armenia	121	166	180	160
<b>Belarus</b>	393	423	429	407
Kazakhstan	5 357	5 173	5 240	5 477
Kyrgyzstan	91	78	82	40
Moldova	581	580	580	580
Russia, bn m <sup>3</sup>	36.4	35.9	33.9	31.5
Ukraine	5 511	5 514	5 681	...
<b>irrigation and agricultural water supply</b>				
Azerbaijan	5 497	5 746	5 772	5 746
Armenia	1 153	1 445	1 932	1 846
<b>Belarus</b>	114	114	120	117
Kazakhstan	11 703	9 373	10 671	9 774
Kyrgyzstan	4 163	4 634	4 483	4 544
Moldova	83	83	84	80
Russia, bn m <sup>3</sup>	8.0	8.1	7.7	7.0
Ukraine	1 566	1 818	1 920	...
<b>domestic and drinking purposes</b>				
Azerbaijan	405	397	279	311
Armenia	67	128 <sup>1)</sup>	75	84
<b>Belarus</b>	495	486	492	477
Kazakhstan	751	790	724	711
Kyrgyzstan	206	106	233	207
Moldova	118	119	118	118
Russia, bn m <sup>3</sup>	9.6	9.4	9.0	8.7
Ukraine	1 917	1 860	1 848	...

<sup>1)</sup> Including communal services water use.

### 15.1.3. Contaminated waste water discharge into surface water bodies

(million cubic metres)

	2010	2011	2012	2013
Azerbaijan	164	223	220	248
Armenia	139	362	407	139
<b>Belarus</b>	6	6	3	3
Kazakhstan	271	...	190	174
Kyrgyzstan	7	4	4	3
Moldova	11	8	9	9
Russia, bn m <sup>3</sup>	16.5	16.0	15.7	15.2
Ukraine	1 744	1 612	1 521	1 717

### 15.1.4. Air polluting emissions from stationary sources

(thousand tonnes)

	2010	2011	2012	2013
<b>Total</b>				
Azerbaijan	215	224	227	197
Armenia	98	115	117	120
<b>Belarus</b>	377	371	433	445
Kazakhstan	2 227	2 346	2 384	2 283
Kyrgyzstan	31	36	37	39
Moldova	16	15	15	16
Russia, mln tonnes	19.1	19.2	19.6	18.4
Tajikistan	36	41	39	...
Ukraine	4 132	4 375	4 335	4 295

Continued

	2010	2011	2012	2013
<b>of which: solid</b>				
Azerbaijan	19	18	10	12
Armenia	4	3	4	4
<b>Belarus</b>	44	40	37	36
Kazakhstan	639	631	594	551
Kyrgyzstan	15	18	18	16
Moldova	4	4	4	3
Russia, mln tonnes	2.4	2.3	2.2	2.0
Tajikistan	11	13	13	...
Ukraine	562	607	574	517
<b>gaseous and liquid</b>				
Azerbaijan	196	206	217	185
Armenia	94	112	113	116
<b>Belarus</b>	333	331	396	409
Kazakhstan	1 588	1 715	1 790	1 732
Kyrgyzstan	16	18	19	23
Moldova	11	12	11	12
Russia, mln tonnes	16.7	16.9	17.4	16.4
Tajikistan	25	28	26	...
Ukraine	...	...	...	...
<b>of which: sulphur dioxide</b>				
Azerbaijan	2	3	3	6
Armenia	27	29	29	32
<b>Belarus</b>	52	44	64	49
Kazakhstan	724	774	770	729
Kyrgyzstan	8	8	4	12
Moldova	1	1	1	1
Russia, mln tonnes	4.4	4.3	4.3	4.2
Tajikistan	1	2	2	...
Ukraine	1 206	1 333	1 399	1 390

Continued

	2010	2011	2012	2013
<b>nitrogen dioxide</b>				
Azerbaijan	20	21	24	34
Armenia	1	1	1	2
<b>Belarus</b>	57	53	53	56
Kazakhstan	216	233	249	250
Kyrgyzstan	3	3	3	3
Moldova	2	2	2	2
Russia, mln tonnes	1.8	1.9	1.9	1.9
Tajikistan	1	1	1	...
Ukraine	317	355	345	371
<b>carbon monoxide</b>				
Azerbaijan	27	34	35	35
Armenia	2	2	3	3
<b>Belarus</b>	75	74	79	82
Kazakhstan	401	445	446	458
Kyrgyzstan	3	5	5	6
Moldova	4	5	4	5
Russia, mln tonnes	5.6	5.8	6.0	5.4
Tajikistan	20	22	22	...
Ukraine	1 064	1 066	1 005	1 007

### 15.1.5. Air polluting emissions from stationary sources per inhabitant

(kilogrammes)

	2010	2011	2012	2013
Azerbaijan	24	25	25	21
Armenia	30	35	39	40
<b>Belarus</b>	40	39	46	47
Kazakhstan	136	142	142	134
Kyrgyzstan	6	7	7	7
Moldova	4	4	4	4
Russia	134	134	134	129
Tajikistan	5	5	5	...
Ukraine	90	96	95	94

**15.1.6. Air polluting emissions from stationary sources per area unit**

(kilogrammes / square kilometre)

	2010	2011	2012	2013
Azerbaijan	2 480	2 587	2 615	2 278
Armenia	3 272	3 846	3 940	4 017
<b>Belarus</b>	1 817	1 788	2 087	2 145
Kazakhstan	817	861	875	838
Kyrgyzstan	154	182	183	195
Moldova	512	495	488	515
Russia	1 120	1 124	1 150	1 079
Tajikistan	254	287	274	...
Ukraine	6 846	7 249	7 184	7 117

**15.1.7. Captured and detoxified air pollutants from stationary sources**

	2010	2011	2012	2013
<b>Thousand tonnes</b>				
Azerbaijan	277	255	90	84
Armenia	162	127	152	195
<b>Belarus</b>	2 863	2 800	2 691	2 887
Kazakhstan	25 859	28 036	31 012	33 379
Kyrgyzstan	277	288	271	369
Moldova	120	121	115	195
Russia, mln tonnes	59.5	59.2	56.8	54.4
Tajikistan	174	48	130	...



Continued

	2010	2011	2012	2013
<b>As percentage of total pollutants</b>				
Azerbaijan	56	53	28	30
Armenia	62	53	56	62
<b>Belarus</b>	88	88	86	87
Kazakhstan	92	92	93	94
Kyrgyzstan	93	89	88	90
Moldova	89	89	89	93
Russia	76	76	74	75
Tajikistan	83	54	77	...

**15.1.8. Air polluting emissions from motor road transport**

(thousand tonnes)

	2010	2011	2012	2013
Azerbaijan	742	779	849	922
Armenia	166	155	142	142
<b>Belarus<sup>1)</sup></b>	942	944	956	928
Moldova	147	175	140	213
Russia, mln tonnes	13.2	13.1	12.7	13.4
Tajikistan	257	...	260	...
Ukraine	2 314	2 255	2 249	2 425

<sup>1)</sup> From mobile sources.

## 15.2. Belarus and other countries<sup>1)</sup>

### 15.2.1. Area of forest land

	Sq km			As % of total land area		
	2010	2011	2012	2010	2011	2012
Austria	38 870	38 920	38 970	47.2	47.2	47.3
<b>Belarus</b>	80 941	81 225	81 239	39.0	39.1	39.1
Belgium	6 778	6 788	6 799	22.4	22.4	22.5
Canada	3 101 340	3 101 340	3 101 340	34.1	34.1	34.1
Czech Republic	26 570	26 590	26 610	34.4	34.4	34.5
Denmark	5 440	5 460	5 480	12.8	12.9	12.9
Estonia	22 170	22 100	21 960	52.3	52.1	51.8
Finland	221 570	221 570	221 570	72.9	72.9	72.9
France	159 540	160 020	160 500	29.1	29.2	29.3
Germany	110 760	110 760	110 760	31.8	31.8	31.8
Greece	39 030	39 332	39 634	30.3	30.5	30.7
Hungary	20 290	20 382	20 474	22.4	22.5	22.6
Ireland	7 390	7 478	7 566	10.7	10.9	11.0
Italy	91 490	92 270	93 050	31.1	31.4	31.6
Latvia	33 540	33 654	33 768	53.9	54.1	54.3
Luxembourg	868	868	868	33.5	33.5	33.5
Netherlands	3 650	3 650	3 650	10.8	10.8	10.8
Norway	100 650	101 414	102 178	27.6	27.8	28.0
Poland	93 370	93 644	93 918	30.5	30.6	30.7
Portugal	34 560	34 598	34 636	37.7	37.8	37.8
Slovakia	19 330	19 332	19 334	40.2	40.2	40.2
Slovenia	12 530	12 550	12 570	62.2	62.3	62.4
Spain	181 733	183 493	185 253	36.4	36.8	37.1
Sweden	282 030	282 030	282 030	68.7	68.7	69.2
Switzerland	12 400	12 466	12 492	31.4	31.5	31.6
Turkey	113 340	114 528	115 716	14.7	14.9	15.0
United Kingdom	28 810	28 882	28 954	11.9	11.9	12.0
United States	3 040 220	3 044 048	3 047 876	33.2	33.3	33.3

<sup>1)</sup> Source: Eurostat and OECD.

**15.2.2. Biodiversity conservation areas**

(as percentage of total country's area)

	2010	2013
Austria	11	15
<b>Belarus</b>	8	8
Belgium	10	13
Bulgaria	30	34
Cyprus	13	28
Czech Republic	10	14
Denmark	7	8
Estonia	17	18
Finland	13	14
France	9	13
Germany	10	15
Greece	16	27
Hungary	15	21
Ireland	11	13
Italy	14	19
Latvia	11	12
Lithuania	14	12
Luxembourg	15	18
Malta	13	13
Netherlands	8	13
Poland	11	20
Portugal	17	21
Romania	13	23
Slovakia	12	30
Slovenia	31	38
Spain	24	27
Sweden	14	14
United Kingdom	7	9

### 15.2.3. Air polluting emissions from stationary and mobile sources by selected ingredients

(thousand tonnes)

	2010	2011	2012
<b>Sulphur dioxide</b>			
Austria	18.6	18.0	17.2
<b>Belarus</b>	54.3	47.1	66.4
Belgium	59.9	52.7	48.0
Bulgaria	386.9	514.8	328.8
Canada	1 375.2	1 286.9	1 287.7
Cyprus	23.3	22.0	17.3
Czech Republic	170.3	169.0	157.9
Denmark	14.9	14.0	12.5
Estonia	83.2	72.7	40.6
Finland	66.6	60.7	52.0
France	287.8	246.3	232.4
Germany	430.4	423.8	427.1
Greece	265.4	262.2	244.9
Hungary	32.4	35.3	31.8
Ireland	26.3	24.7	23.2
Italy	214.2	193.9	177.8
Japan	951.2	942.2	936.8
Latvia	9.2	7.6	7.5
Lithuania	31.5	28.7	36.4
Netherlands	33.5	33.5	33.8
Norway	19.5	18.4	16.7
Poland	935.6	897.5	853.3
Portugal	70.2	64.5	59.2
Romania	350.3	321.6	259.7
Slovakia	69.4	68.5	58.5
Slovenia	9.8	10.9	10.2
Spain	424.9	459.5	407.9
Sweden	32.0	29.2	27.8
Switzerland	12.5	10.6	10.8
Turkey	2 558.8	2 652.7	2 739.1
United Kingdom	415.0	385.4	426.4
United States	7 016.9	5 853.1	4 694.5

Continued

	2010	2011	2012
<b>Nitrogen oxides</b>			
Austria	193.1	182.5	178.3
<b>Belarus</b>	157.0	157.7	158.5
Belgium	212.2	198.2	189.7
Bulgaria	117.3	138.6	126.0
Canada	2 061.7	1 964.2	1 861.7
Cyprus	19.2	21.9	22.1
Czech Republic	239.1	226.0	210.6
Denmark	131.8	124.6	115.4
Estonia	36.7	35.8	32.3
Finland	165.6	155.2	145.6
France	1 065.9	999.7	981.6
Germany	1 324.9	1 289.1	1 269.3
Greece	319.4	296.0	258.6
Hungary	151.5	137.3	122.4
Ireland	80.1	71.8	73.8
Italy	951.6	927.8	849.2
Japan	1 730.2	1 675.2	1 626.9
Latvia	57.8	49.7	55.6
Lithuania	60.2	55.7	57.8
Netherlands	253.5	237.7	227.3
Norway	182.0	174.2	166.2
Poland	862.1	845.9	817.3
Portugal	189.1	179.0	170.1
Romania	217.9	222.5	225.8
Slovakia	88.6	85.2	81.0
Slovenia	46.1	46.3	45.1
Spain	965.7	958.9	928.0
Sweden	148.7	139.5	131.8
Switzerland	75.3	70.5	69.3
Turkey	938.1	1 115.7	1 087.7
United Kingdom	1 113.1	1 040.4	1 057.0
United States	13 497.2	13 045.1	12 257.9

Continued

	2010	2011	2012
<b>Carbon monoxide</b>			
Austria	640.4	603.6	607.2
<b>Belarus</b>	694.2	686.7	696.8
Belgium	529.8	421.7	389.7
Canada	8 750.7	8 616.8	8 254.1
Czech Republic	402.4	381.8	341.8
Denmark	407.5	370.9	359.2
Estonia	171.9	147.8	162.2
Finland	476.9	449.8	438.3
France	4 200.9	3 496.8	3 195.6
Germany	3 446.7	3 287.7	3 289.8
Greece	525.1	491.9	450.1
Hungary	418.0	403.6	375.5
Ireland	137.4	125.9	118.1
Italy	2 324.2	2 264.8	2 110.3
Japan	2 581.5	2 469.8	2 490.5
Netherlands	598.0	575.6	553.4
Norway	338.0	309.4	300.6
Poland	2 938.3	2 800.7	2 818.4
Portugal	373.9	348.1	314.5
Slovakia	220.9	227.2	221.2
Slovenia	152.3	159.3	158.2
Spain	1 999.4	1 985.7	1 923.1
Sweden	575.8	552.2	546.4
Switzerland	241.4	223.2	218.1
Turkey	2 541.3	3 039.8	3 310.4
United Kingdom	2 224.8	2 044.8	1 973.4
United States	56 657.0	55 581.0	54 525.4

# **ENVIRONMENTAL PROTECTION IN THE REPUBLIC OF BELARUS**

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