

2025



INTERSTATE STATISTICAL COMMITTEE
OF THE COMMONWEALTH
OF INDEPENDENT STATES



ENVIRONMENT IN THE CIS COUNTRIES

Environment in the CIS countries 2021–2024. Concise statistical abstract /Interstate Statistical Committee of the Commonwealth of Independent States /. - M.: 2025

Interstate Statistical Committee of the CIS was formed in 1992 pursuant to the decision of the Heads of Governments of the CIS member states of 30 December, 1991.

Based on the UN General Assembly Resolution A/RES/48/237 of 30.03.1994, which granted the Commonwealth of Independent States an observer status under it, the CIS Statcommittee participates in the work of the UN Statistical Commission, UNECE Conference of European Statisticians and its Bureau, ESCAP Committee on Statistics, is a member of the Committee for Coordination of Statistical Activities, which consists of more than forty international statistical organizations.

Having the status of international statistical organization and relevant authorization from the Council of Heads of Statistical Services of the CIS Countries, the CIS Statcommittee has ample opportunities to support the interests of the national statistical services of the region in various international projects.

The abstract contains environmental indicators.

The publication is intended for specialists in the field of ecology and environmental protection, economists, statisticians and the media.

The data on Moldova are given without data on the territory of the left bank of the Dniester River and Bendery. In some cases, a slight discrepancy between the totals and the sum of items are explained by data rounding up.

Data for some indicators are preliminary and can be revised later.

Sources of data:

Official information provided by the CIS national statistical offices.

More detailed information on the CIS countries is available in the database of the CIS-Stat:

<https://new.cisstat.org/web/guest/cis-stat-home>.

Moscow

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Contents









Water resources	1
Water abstraction from natural sources for use (excluding transit water)	2
Water abstraction from underground sources for use	3
Water abstraction from underground sources for use (as a percentage of total water abstraction)	4
Water use	5
Water use structure (as a percentage of total water use)	6
Water use for household and drinking purposes per person	7
Volume of circulating and reverse water use (as a percentage of total water use for production purposes)	8
Water losses during transportation	9
Water losses during transportation (as a percentage of the total volume of water abstraction for use)	10
Polluted sewage discharges into surface water basins	11
Polluted sewage discharges into surface water basins without treatment	12
Atmospheric air	13
Emissions of pollutants into the atmospheric air from stationary sources	14
Emissions of sulfur dioxide (SO ₂) into the atmospheric air from stationary sources	15
Emissions of carbon monoxide (CO) into the atmospheric air from stationary sources	16
Emissions of nitrogen oxides (NO _x) into the atmospheric air from stationary sources	17
Emissions of sulfur dioxide (SO ₂) into the atmospheric air from stationary sources per 1 km ²	18
Emissions of carbon monoxide (CO) into the atmospheric air from stationary sources per 1 km ²	19
Emissions of nitrogen oxides (NO _x) into the atmospheric air from stationary sources per 1 km ²	20
Specially protected areas	21
Number of specially protected areas (nature reserves, special protected hunting reserves and national parks)	22

Territory of specially protected areas (nature reserves, special protected hunting reserves and national parks)	23
Forest resources	24
Reforestation in forests of national importance	25
Sowing and planting of forests	26
Sowing and planting of forests (as a percentage of reforestation)	27
Forest fires	28
Forest area affected by fires	29

Water resources

Water abstraction from natural sources for use








(excluding transit water, million cubic meters)

	2021	2022	2023	2024
 Azerbaijan	13,743.0	13,842.0	12,806.0	13,400.0
 Armenia	2,966.5	3,071.8	2,917.6	3,314.0
 Belarus	1,425.0	1,414.0	1,434.6	1,460.3
 Kazakhstan	24,517.8	24,967.0	24,366.0	25,557.9
 Kyrgyzstan	7,999.5	8,597.2	8,872.5	9,326.4
 Moldova	836.1	845.0	158.0	165.0
 Russia	55,963.8	56,535.0	57,780.0	57,872.0
 Uzbekistan	...	44,488.0	...	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water abstraction from underground sources for use









(million cubic meters)

	2021	2022	2023	2024
 Azerbaijan	...	2,356.0	...	...
 Armenia	1,455.9	1,419.2	1,376.5	1,231.8
 Belarus	813.0	803.6	816.6	825.0
 Kazakhstan	1,064.4	1,051.0	1,030.0	1,130.1
 Kyrgyzstan	252.9	258.4	271.0	299.4
 Moldova	129.6	129.0	54.0	54.0
 Russia	8,937.7	9,129.0	9,713.0	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water abstraction from underground sources for use









(as a percentage of total water abstraction)

	2021	2022	2023	2024
 Azerbaijan	...	17.0	...	...
 Armenia	49.1	46.2	47.2	37.2
 Belarus	57.1	56.8	56.9	56.5
 Kazakhstan	4.3	4.2	4.2	4.4
 Kyrgyzstan	3.2	3.0	3.1	3.2
 Moldova	15.5	15.3	34.2	32.7
 Russia	16.0	16.1	16.8	...
 Uzbekistan	...	...	...	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water use








(million cubic meters)

	2021	2022	2023	2024
 Azerbaijan	10,526.0	10,528.0	9,772.0	9,784.0
 Armenia	2,257.0	2,422.0	2,261.9	2,582.1
 Belarus	1,281.0	1,270.5	1,277.5	1,283.5
 Kazakhstan	19,999.5	20,443.0	20,480.0	21,440.0
 Kyrgyzstan	5,310.0	5,915.1	6,028.0	6,565.6
 Moldova	780.0	788.0	119.0	125.0
 Russia	48,010.0	47,876.0	49,482.0	50,682.0
 Uzbekistan	...	44,488.0	...	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water use structure








(as a percentage of total water use)

		2024		
		Production purposes, %	Household and drinking purposes, %	Agricultural water supply and irrigation, %
	Azerbaijan	25.0	3.5	71.0
	Armenia	5.8	8.0	86.2
	Belarus	32.7	37.7	8.9
	Kazakhstan	26.0	4.5	54.0
	Kyrgyzstan	1.1	3.4	94.3
	Moldova	11.2	45.6	38.4
	Russia	54.6	14.8	12.6

[Water resources](#)

Water use for household and drinking purposes per person






(cubic meters)

	2021	2022	2023	2024
 Azerbaijan	32.0	33.0	34.0	33.0
 Armenia	41.0	44.6	53.3	56.0
 Belarus	56.0	54.0	56.0	53.0
 Kazakhstan	45.7	60.0	46.0	47.5
 Kyrgyzstan	29.9	31.2	32.3	33.9
 Moldova	20.1	21.0	22.0	24.0
 Russia	51.0	50.0	52.0	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Volume of circulating and reverse water use








(as a percentage of total water use for production purposes)

	2021	2022	2023	2024
 Azerbaijan	52.0	52.0	52.0	52.0
 Armenia	...	15.0	19.0	...
 Belarus	94.0	94.0	95.0	95.0
 Kazakhstan	171.9	46.0	46.0	47.4
 Moldova	32.0	29.0	87.0	83.0
 Russia	85.0	85.0	85.0	84.4

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water losses during transportation








(million cubic meters)

	2021	2022	2023	2024
 Azerbaijan	3,217.0	3,314.0	3,034.0	3,616.0
 Armenia	709.8	649.5	655.7	...
 Belarus	44.0	45.6	45.3	46.5
 Kazakhstan	3,670.1	...	3,399.0	3,756.0
 Kyrgyzstan	2,148.2	2,172.2	2,385.9	2,417.3
 Moldova	56.0	57.0	39.0	40.0
 Russia	6,660.8	6,812.0	6,844.0	6,925.0

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Water losses during transportation








(as a percentage of the total volume of water abstraction for use)

	2021	2022	2023	2024
 Azerbaijan	23.4	23.9	23.7	27.0
 Armenia	23.9	21.1	22.5	...
 Belarus	3.1	3.2	3.2	3.2
 Kazakhstan	15.0	...	14.0	14.7
 Kyrgyzstan	26.9	25.3	26.9	25.9
 Moldova	6.7	6.7	24.7	24.2
 Russia	11.9	12.1	11.8	12.0

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Polluted sewage discharges into surface water basins








(million cubic meters)

	2021	2022	2023	2024
 Azerbaijan	229.0	208.0	229.0	254.0
 Armenia	286.0	862.0	216.4	...
 Belarus	2.0	2.8	1.5	3.1
 Kazakhstan	...	0.0	...	...
 Kyrgyzstan	1.7	1.7	1.7	1.4
 Moldova	8.4	8.0	5.0	5.0
 Russia	11,579.8	11,341.0	10,850.0	9,318.0

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Polluted sewage discharges into surface water basins without treatment

(million cubic meters)









	2021	2022	2023	2024
 Azerbaijan	229.0	208.0	...	...
 Armenia	103.0	750.0	154.3	...
 Belarus	...	0.3	0.3	0.5
 Kazakhstan	...	9.0	5.0	0.6
 Kyrgyzstan	1.6	1.6	1.6	1.4
 Moldova	2.0	2.0	2.0	2.0
 Russia	1,986.4	2,150.0	1,386.0	...

Moldova (2021): including the data on the territory of the left bank of river Dniester and Bendery city.
[Water resources](#)

Atmospheric air

Emissions of pollutants into the atmospheric air from stationary sources








(thousand tons)

	2021	2022	2023	2024
 Azerbaijan	157.0	158.0	144.4	116.0
 Armenia	94.0	105.7	116.8	119.2
 Belarus	465.0	456.0	490.0	443.8
 Kazakhstan	2,407.5	2,315.0	2,258.0	2,271.0
 Kyrgyzstan	55.0	58.4	62.3	58.3
 Moldova	18.0	...	...	...
 Russia	17,208.0	17,174.0	16,952.2	17,092.0
 Uzbekistan	...	874.0	...	...

[Atmospheric air](#)

Emissions of sulfur dioxide (SO₂) into the atmospheric air from stationary sources









(thousand tons)

	2021	2022	2023	2024
 Azerbaijan	2.0	1.0	1.4	1.2
 Armenia	0.8	1.1	0.9	0.7
 Belarus	45.0	42.0	57.0	37.1
 Kazakhstan	835.4	822.0	799.0	785.5
 Kyrgyzstan	15.1	17.6	15.7	15.5
 Moldova	1.0	...	...	...
 Russia	3,226.0	3,429.0	3,266.4	2,892.0

[Atmospheric air](#)

Emissions of carbon monoxide (CO) into the atmospheric air from stationary sources









(thousand tons)

	2021	2022	2023	2024
 Azerbaijan	20.0	26.0	37.7	31.6
 Armenia	3.5	3.8	3.7	3.6
 Belarus	81.2	74.0	76.0	72.7
 Kazakhstan	473.2	448.0	437.0	432.4
 Kyrgyzstan	11.1	11.4	12.0	11.9
 Moldova	5.1	...	...	...
 Russia	5,296.0	5,169.0	5,060.1	5,284.0
 Uzbekistan	...	74.0	...	...

[Atmospheric air](#)

Emissions of nitrogen oxides (NO_x) into the atmospheric air from stationary sources









(thousand tons)

	2021	2022	2023	2024
 Azerbaijan	21.0	22.0	25.4	25.9
 Armenia	2.2	2.2	2.0	2.0
 Belarus	47.0	43.0	44.0	43.0
 Kazakhstan	322.0	312.0	304.0	307.5
 Kyrgyzstan	5.0	4.8	5.2	5.7
 Moldova	1.6	...	...	...
 Russia	1,950.0	1,973.0	1,936.9	2,009.0
 Uzbekistan	...	14.0	...	...

[Atmospheric air](#)

Emissions of sulfur dioxide (SO₂) into the atmospheric air from stationary sources per 1 km²






(kg)

	2021	2022	2023	2024
 Azerbaijan	25.0	12.0	16.0	14.0
 Armenia	25.0	35.0	31.0	24.0
 Belarus	217.0	202.0	274.0	178.7
 Kazakhstan	306.0	302.0	293.0	288.5
 Kyrgyzstan	76.0	88.0	78.0	77.8
 Moldova	30.0	...	...	...
 Russia	187.0	201.0	191.0	169.1
 Tajikistan	69.0	64.0	...	...

[Atmospheric air](#)

Emissions of carbon monoxide (CO) into the atmospheric air from stationary sources per 1 km²










(kg)

	2021	2022	2023	2024
 Azerbaijan	225.0	304.0	435.0	365.0
 Armenia	118.0	128.0	122.0	123.3
 Belarus	390.0	356.0	365.0	350.2
 Kazakhstan	174.0	164.0	160.0	158.7
 Kyrgyzstan	56.0	57.0	60.0	59.7
 Moldova	151.0	...	...	...
 Russia	310.0	302.0	295.0	309.0
 Tajikistan	108.0	118.0	...	...
 Uzbekistan	...	164.8	...	...

[Atmospheric air](#)

Emissions of nitrogen oxides (NO_x) into the atmospheric air from stationary sources per 1 km²

(kg)










	2021	2022	2023	2024
 Azerbaijan	247.0	255.0	293.0	299.0
 Armenia	74.0	72.0	67.0	68.5
 Belarus	226.0	207.0	212.0	207.0
 Kazakhstan	118.0	114.0	112.0	112.8
 Kyrgyzstan	25.0	24.0	26.0	28.6
 Moldova	47.0	...	...	...
 Russia	114.0	115.0	113.0	117.5
 Tajikistan	11.0	11.0	...	...
 Uzbekistan	...	31.2	...	...

[Atmospheric air](#)

Specially protected areas

Number of specially protected areas

(nature reserves, special protected hunting reserves and national parks; units)

	2021	2022	2023	2024
 Azerbaijan	44	44	44	44
 Armenia	34	34	34	34
 Belarus	5	5	5	5
 Kazakhstan	27	27	27	27
 Kyrgyzstan	23	23	23	23
 Moldova	5	5	5	5
 Russia	171	174	177	179
 Tajikistan	20	20	20	20
 Uzbekistan	...	20	...	...

Azerbaijan: Including state natural wildlife preserves.

Armenia: Including wildlife preserves and other special area according to new legislation.

Belarus, Kyrgyzstan: Reserves and national parks.

Kazakhstan: Excluding other nature relics.

Moldova: Nature scientific reserves only, excluding other nature protection units and nature relics.









Russia (2024): State nature reserves and national parks of federal significance.

Tajikistan: Including national park "Mountains of Pamir".

[Specially protected areas](#)

Territory of specially protected areas

(nature reserves, special protected hunting reserves and national parks; thousands of hectares)

	2021	2022	2023	2024
 Azerbaijan	892.9	892.9	892.9	892.9
 Armenia	383.1	383.1	383.1	383.1
 Belarus	475.5	475.5	475.5	479.8
 Kazakhstan	6,719.0	...	7,809.0	...
 Kyrgyzstan	1,305.4	1,305.4	1,305.4	1,305.4
 Moldova	19.0	19.0	19.0	19.0
 Russia	61,400.0	62,300.0	62,300.0	62,400.0
 Tajikistan	3,100.0	3,100.0	3,100.0	3,100.0
 Uzbekistan	...	4,472.5	...	...

Azerbaijan: Including state natural wildlife preserves.

Armenia: Including wildlife preserves and other special area according to new legislation.

Belarus, Kyrgyzstan: Reserves and national parks.

Kazakhstan: Excluding other nature relics.

Moldova: Nature scientific reserves only, excluding other nature protection units and nature relics.

Russia (2024): State nature reserves and national parks of federal significance.









Tajikistan: Including national park "Mountains of Pamir".

[Specially protected areas](#)

Forest resources









Reforestation in forests of national importance

(thousand hectares)

	2021	2022	2023	2024
 Azerbaijan	9.3	8.5	6.9	7.5
 Armenia	3.3	0.3	0.5	0.3
 Belarus	49.6	42.1	36.4	34.3
 Kazakhstan	7,048.0	7,048.0	7,048.0	205.3
 Kyrgyzstan	5.6	5.6	5.9	5.1
 Moldova	3.4	3.7	3.2	3.3
 Russia	1,059.0	1,165.0	1,170.0	1,069.6
 Uzbekistan	...	234.6	...	...

Sowing and planting of forests









(thousand hectares)

	2021	2022	2023	2024
 Azerbaijan	0.8	1.4	1.1	1.5
 Armenia	3.3	0.2	0.4	0.3
 Belarus	39.6	35.5	28.3	27.5
 Kazakhstan	7,048.0	7,048.0	277.0	205.3
 Kyrgyzstan	0.8	1.6	1.6	1.3
 Moldova	0.9	1.3	1.2	1.3
 Russia	208.2	209.4	208.1	206.2
 Uzbekistan	...	222.0	...	...

[Forest resources](#)








Sowing and planting of forests

(as a percentage of reforestation)

	2021	2022	2023	2024
 Azerbaijan	8.6	16.5	15.9	20.0
 Armenia	99.7	66.7	80.0	86.7
 Belarus	79.8	84.3	77.7	80.2
 Kazakhstan	100.0	100.0	3.9	100.0
 Kyrgyzstan	14.3	28.6	27.1	25.5
 Moldova	26.5	35.1	37.5	39.4
 Russia	19.7	18.0	17.8	19.3
 Uzbekistan	...	94.6	...	...

Forest fires








(units)

	2021	2022	2023	2024
 Azerbaijan	41	66	36	22
 Armenia	100	60	45	38
 Belarus	470	669	710	487
 Kazakhstan	751	801	810	294
 Kyrgyzstan	10	14	11	1
 Moldova	3	133	13	14
 Russia	15,112	12,528	12,241	9,373

[Forest resources](#)

Forest area affected by fires

(ha)

	2021	2022	2023	2024
 Azerbaijan	309.0	869.2	25.3	14.7
 Armenia	889.6	10,994.0	179.0	51.5
 Belarus	523.0	595.8	308.8	358.3
 Kazakhstan	14,794.5	56,251.0	77,800.0	18,698.3
 Kyrgyzstan	29.8	21.3	90.5	7.3
 Moldova	9.7	568.2	52.3	54.0
 Russia	8,197,842.8	2,820,227.7	3,205,068.5	7,073,725.4

[Forest resources](#)

Interstate Statistical Committee of the Commonwealth of Independent States

Environment in the CIS countries (short statistical collection; Russian and English versions, in electronic form)

Responsible for release: G.G. Selishcheva, E.O. Vosmirko

Release date: 19.11.2025

Number of pages: 29

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