



State Statistical Committee
of Azerbaijan

UNECE Expert Forum for
Producers and Users of
Climate Change-Related
Statistics

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statistics division,
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State Commission on Climate Change

- Established in 1997 in order to deal with issues related to UNFCCC
- Updated in 2020 for properly activity.

- *Chairman of State Commission – Deputy of Prime Minister*
- *Deputy chairman of State Commission – Minister of Ecology and Natural Resources*
- *A working group was established to organize activity of the State Commission*



The main contributors of the working group are

- *Ministry of Ecology and Natural Resources*
- *National Hydrometeorology Service*
- *Ministry of Energy*
- *Ministry of Finance*
- *Ministry of Economy*
- *Ministry of Agriculture*
- *SOCAR, AzerEnerji, Azeristilik*
- *State Statistical Committee*
- *And other relevant organizations.*

Main objectives of the working group

- MRV
- NDC
- GHG inventory
- Increase public awareness
- Encourage application of cutting-edge “green” approaches



The role of the State Statistical Committee

- Publish and disseminate approved statistical information about GHG emissions (item 1.8)
- Data provider (Energy balance, environmental expences)

Within the framework of working group regular meetings and webinars are held.

MENR corporates with the Aether company to create MRV system, train members of working group.

Total GHG emissions are calculated by National Hydrometeorology Service according to IPCC methodology.

The screenshot shows a web browser displaying the Azerbaijan MRV Portal. The page title is "Azerbaijan's Institutional Arrangements and Administrative components for NDC and climate action tracking". Below the title, there is a section titled "What does MRV mean for Azerbaijan?". This is followed by a blue heading "Paris Agreement agreed at COP21 in Paris in 2015". The text below states: "As of November 4, 2016, the agreement entered into force. The EU and 194 states, totalling over 98% of anthropogenic emissions, have ratified or acceded to the agreement." Below this is a section titled "Key Paris Agreement aims:" with a bulleted list:

- Keep global temperature rise to below 2°C
- Increase the ability of countries to deal with impacts
- Make financial flows consistent with a low GHG emissions and climate-resilient pathway
- Enhanced transparency framework for action and support [This is MRV - Capacity Building Initiative for Transparency (CBIT)]

At the bottom right, there is a diagram with four boxes: "Mitigation", "Adaptation", "Finance", and "Outreach", all above a larger teal box labeled "Transparency". Below the diagram, a note reads: "(Art. 13 and 15) - The Paris Agreement relies on a robust transparency and accounting system to provide clarity on action and support by Parties, with flexibility".

GHG emissions

Greenhouse gas emissions¹⁾ (CO₂ equivalent, million ton)

	2010	2015	2019	2020	2021
Carbon dioxide (CO ₂)	28.1	33.7	32.6	31.6	33.9
Nitrous oxide (N ₂ O)	1.9	2.2	0.8	1.0	1.1
Methane(CH ₄)	15.0	16.4	19.9	20.5	21.9
F-gases	1.0	1.9	0.8	0.8	1.2

¹⁾ On the base of data of the Ministry of Ecology and Natural Resources

Greenhouse gas emissions by sectors¹⁾ (CO₂ equivalent, million ton)

	2010	2015	2018	2019	2020	2021
Energy	41.0	47.7	47.5	49.0	49.8	53.4
Industrial	2.0	3.7	3.4	3.3	3.2	3.3
Agriculture	7.2	8.6	8.7	8.0	8.0	7.6
Land use, land use change, forestry ²⁾	-5.4	-7.1	-7.2	-7.5	-8.5	-7.7
Waste	1.2	1.3	1.3	1.4	1.4	1.5
Total land use and its change, including forestry	51.4	61.3	60.8	61.6	62.4	65.8
Total land use and its change, excluding forestry	46.0	54.2	53.6	54.1	53.9	58.1

¹⁾ On the base of data of the Ministry of Ecology and Natural Resources

²⁾ minus is used for indication of absorption of gas creating heat effect

Greenhouse gas emissions by households¹⁾ (thsd ton)

	2007	2010	2015	2019	2020	2021	2022
Carbon dioxide (CO ₂)	6076.7	6851.9	6344.3	7378.7	8363.2	8848.7	8859,8
Methane(CH ₄)	0.2	0.2	0.2	0.1	0.2	0.2	0.2
Nitrous oxide (N ₂ O)	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Greenhouse gases (in CO ₂ equivalent)	6087.7	6863.7	6353.9	7386.3	8371.5	8857.3	8868,4

¹⁾ Calculated on the base of the methodology developed by the State Statistical Committee





stat.gov.az

Environmental Protection

<https://www.stat.gov.az/source/environment/>

▼ The key indicators of shared ecological information system



The shared ecological information system (SEIS) (<https://eni-seis.eionet.europa.eu/east/countries>) represents the initiative of the European Union (EU) directed to modernization and simplification of collecting, exchange and use of data and information, necessary for development and implementation of ecological policy with the purpose to support environment protection in the territory of the countries - neighbors of EU within the framework of the program "European Neighborhood and Partnership Instrument" (ENPI).

XLS Air pollutant emissions from stationary sources by ingredients

XLS Emission of air pollutants from mobile sources by ingredients

XLS Greenhouse gas emissions by sectors

XLS Abstraction of freshwater from natural sources and its use

XLS Passenger transport demand

XLS Consumption of mineral and organic fertilizers

XLS Waste generation

XLS Management of hazardous wastes

XLS Renewable freshwater resources

XLS Generation of hard waste

XLS Protected areas

XLS Ambient air quality

XLS Biochemical oxygen demand and concentration of ammonium in rivers

XLS Nutrients in fresh water

XLS Consumption of ozone-depleting substances

XLS Air temperature

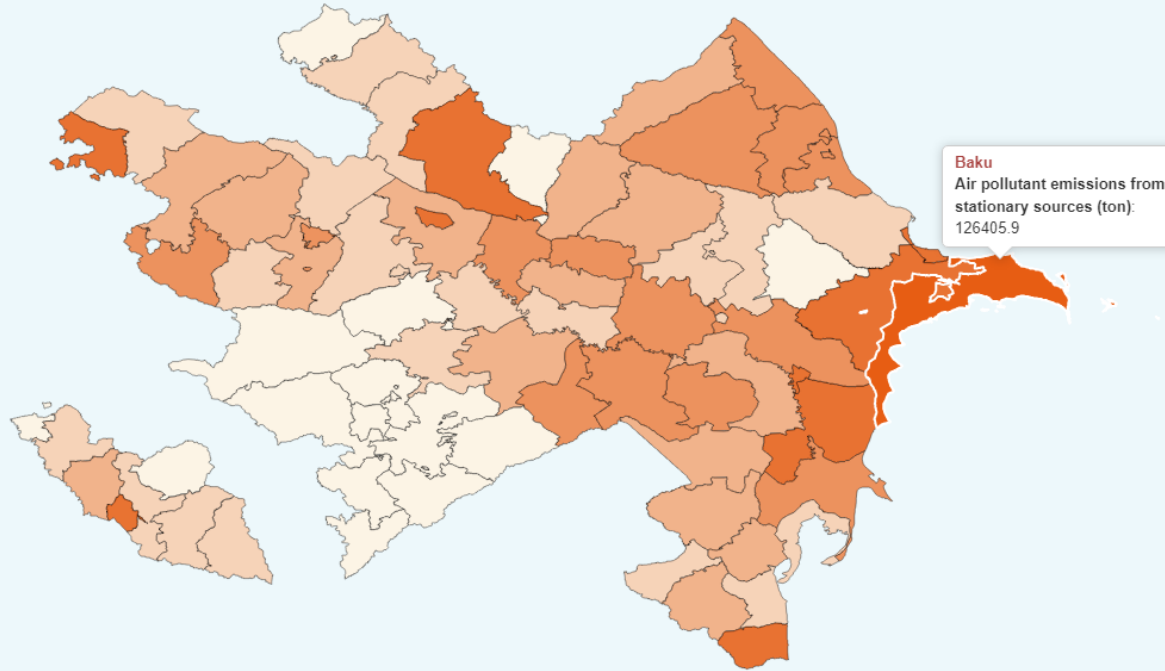
XLS Number of precipitation

XLS Energy final consumption

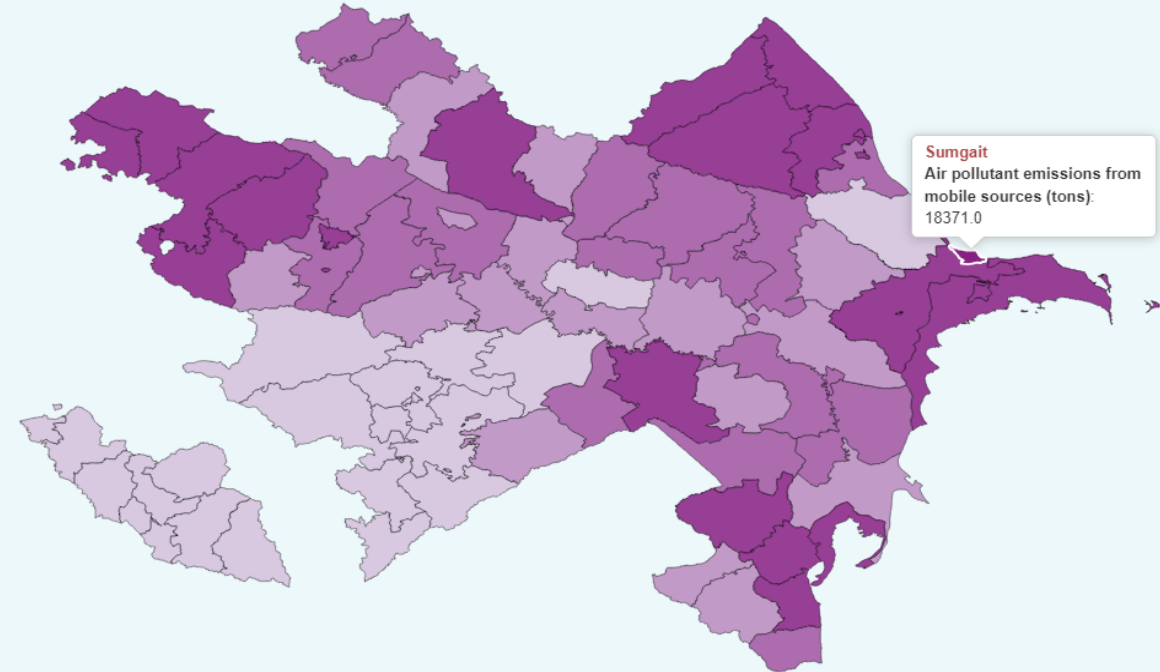
XLS Total energy supply

GIS

2022: Air pollutant emissions from stationary sources (ton)














2022: Air pollutant emissions from mobile sources (tons)



<https://www.azstat.org/portal/>

 Ecology

- Number of national parks and reserves (at the end of the year) 
- Expenditures for maintenance of national parks and reserves (at the end of the year) 
- Protection and using of water resources 
- Protection of atmosphere 
- Expenses for protection of environment 
- Area of national parks and reserves 
- Forest resources 
- Total quantity of caught fish 
- Main economic indicators of hunting farms 
- Ferrous and non-ferrous metal waste 
- Generation of secondary raw materials and wastes 



Data users

- Annual meeting with data users.
- Students
- Researchers
- International organizations
- Policy makers





Thanks for attention