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NATIONAL REVIEW OF THE APPLICATION OF ENVIRONMENTAL INDICATORS

Submitted by Georgia

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EVALUATION OF FURTHER SIX INDICATORS FROM THE UNECE INDICATOR GUIDELINES

Indicator	A. Effective inter-agency cooperation mechanisms to produce the indicator	B. Data quality assurance and control procedures for the production of the indicator	C. Publication of the indicator in statistical compendiums and state-of-the-environment reports
Waste generation	<p>The last national inventory of waste was conducted in 2007 in frames of International project. Unfortunately, there are no revised data. Moreover, the problem is related to the generated waste statistics. There is no data collection system, as well as information exchange system among relevant governmental institutions. Information on wastes is scattered. Namely the Ministry of Agriculture, as the responsible governmental body on the development of pesticides state catalogues, has information about obsolete pesticides and agrochemicals. The Revenue service of the Ministry of Finances with the Ministry of Environment controls Trans-boundary movement of wastes. The Technical and Construction Inspection of the Ministry of Economy and Sustainable development is responsible for issuing permits and control on waste import export and transit. Local Municipalities have information regarding the generated household wastes.</p>	<p align="center">....</p>	<p align="center">This indicator currently is not published</p>
Final waste disposal	<p>According to the Georgian legislation, Local Municipalities are responsible for service and final disposal of household wastes. Only big cities monitor the amount of waste entering the dumpsites daily. In all other municipalities, waste registration is unsystematic. Furthermore, every village not covered by waste collection from the nearest municipal services, sets up its own spontaneous dumpsite. Moreover, there are no operated hazardous or inert waste disposal sites in Georgia. Existing one from soviet time hazardous waste dumpsite was closed in 1985. Industrial wastes are disposed of mainly at the industrial sites and in their vicinity, without following environmental requirements. There are no treatment facilities for industrial waste. Only medical waste treatment devices are operational.</p>	<p align="center">....</p>	<p align="center">This indicator currently is not published</p>

<p>Transboundary movements of hazardous waste</p>	<p>Georgia is the party of Basel Convention on the Control of Trans-boundary Movements of Hazardous Wastes and Disposal. Country follows Convention requirements, furthermore was adopted the Law on the Transit and Import of Waste within the Territory of Georgia (1995). According the law the transit and import of industrial, municipal or other type of hazardous and radioactive waste are prohibited. The Revenue service of the Ministry of Finance with the Ministry of Environment control Trans-boundary movement of waste. The Technical and Construction Inspection of the Ministry of Economy and Sustainable development is responsible for issuing permit and control waste import export and transit.</p>	<p>....</p>	<p>This indicator currently is not published</p>
<p>Ambient air quality in urban areas</p>	<p>All of the mentioned above data was obtained based on the air pollution monitoring results at air pollution control posts belonging to the National Environment Agency of Ministry of Environment Protection of Georgia.</p>	<p>Observations of air pollution are carried out on the basis of " A Guide to Air Pollution Control " - RD 5204 186-89 The main problem is insufficient quantity of air pollution control posts, as well as the lack of an automatic station.</p>	<p>Data on air pollution is published on a monthly basis in the information bulletin "Short Review on Environmental Pollution of Georgia" and is available on the website of the Aarhus Center. Information is available in State of Environment (SoE) reports on the web-pages: www.moe.gov.ge; http://www.aarhus.ge</p>
<p>Threatened and protected species</p>	<p>The administration of each protected area provides Agency of Protected Areas and the Statistics Department with annual records for major bird and mammal species as well as plants and animals included in the Red List of Georgia. The Commission of Endangered Species at the Academy of Sciences of Georgia completed the evaluation of species' status, based upon IUCN criteria, in 2006 and this provided the basis for the new Red List of Georgia</p>	<p>....</p>	<p>Red List of Georgia: http://chm.moe.gov.ge/webmill/data/file/citeli%20nusxa.pdf</p>
<p>Trends in the number and distribution of selected species</p>	<p>....</p>	<p>....</p>	<p>....</p>

Question A.	Effective inter-agency cooperation mechanisms to produce the indicator
<i>Please describe cooperation arrangements, if any, which have been established in your country to collect the necessary data for the indicator. These may involve statistical agencies, ministries of water management, agriculture, transport, interior, environment, economic development and energy, hydro-meteorological services and agencies on geology, as appropriate. The description should cover problems met, solutions found and possible further steps envisaged or needed.</i>	

Question B.	Data quality assurance and control procedures for the production of the indicator
<i>Please describe data quality assurance and control procedures for the production of the indicator. The description should cover problems met, solutions found and possible further steps envisaged or needed. References should be made to any international methodologies and guidelines that are followed to ensure data quality and control.</i>	

Question C.	Publication of the indicator in statistical compendiums and state-of-the-environment reports
<i>Please present the evidence of the indicator publication in statistical compendiums and state-of-the-environment reports (titles, names of the publishing houses, cities and years of the publications, languages, number of copies published, Internet addresses, and whether time-series data was published on the indicator.</i>	

The description of the indicators is available online at: www.unec.org/env/documents/2007/ece/ece.belgrade.conf.2007.inf.6.e.pdf.

Time series data on the indicators for 1990-2010, Table 1. Waste generation: Georgia

	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Waste generation by source														
Agriculture, forestry and fishing (ISIC 01-03)	1000 t/year													
Mining and quarrying (ISIC 05-09)	1000 t/year										11777.3			
Manufacturing (ISIC 10 - 33)	1000 t/year													
Electricity, gas, steam and air conditioning supply (ISIC 35)	1000 t/year													
Construction (ISIC 41 - 43)	1000 t/year										35.7			
Other economic activities excluding ISIC 38	1000 t/year										873.24			
Municipal waste	1000 t/year										855	875	880	
Of which from households	1000 t/year													
Total waste generation (5 + 6 + 7 + 8 + 9 + 10 + 11)	1000 t/year													
Of which hazardous waste	1000t/year										908.74			
Population and GDP														
Population of the country	Million										4 394,7	4 382,1	4 385,4	
Municipal waste per capita (11/16 x 1000)	kg/capita										0.194	0.199	0.2	
GDP constant prices (2005)	USD million													
Industrial (manufacturing) waste per unit GDP (7/18)	kg/ 1000 USD													
Total waste per unit of GDP (13/18)	kg/ 1000 USD													
Hazardous waste per unit of GDP (14/18)	kg/1000 USD													

Notes:

This table asks for data on the total amount of waste (both non-hazardous and hazardous), generated by various economic activities and by households. The breakdown follows the International Standard Industrial Classification of all Economic Activities (ISIC Rev.4).

(URL: <http://unstats.un.org/unsd/cr/registry/regcst.asp?Cl=27>).

The table refers to all primary waste originating from the mentioned sectors including waste for recovery and recycling, but excluding direct internal recycling and re-use. Waste from secondary sources should be excluded.

The amount reported under 'Total waste generation' should be equal to the sum of the waste amounts reported under the various economic activities and household waste. Waste generated by an economic activity includes all kinds of waste generated by economic units within this activity. If data are not collected according to ISIC, please provide data for household waste generation (line 11) and total waste generation (line 13). If data do not cover all waste sources, please leave the total waste generation cell blank (line 13.8). Waste generated by ISIC 38 (waste collection, treatment and disposal activities; and

materials recovery) is from secondary sources, i.e., residual materials from recovery and disposal operations such as incineration and composting residues.

To avoid double counting, waste generated by ISIC 38 should be excluded from this table.

Separately, the table describes the total amount of hazardous waste generated during the individual year.

If the requested data are not available, please leave the cell blank. If the requested variable is not applicable (the phenomenon is not relevant) to the country or the value is less than half the unit of measurement, the cell should be filled with "0".

Definitions are presented in sheet t1a. In case your country applies other definitions than those presented in sheet t1a, specify, please.

List of definitions

Waste: Materials that are not prime products (i.e., products produced for the market) for which the generator has no further use for his own purpose of production, transformation or consumption, and which he discards, or intends or is required to discard.
It excludes material directly recycled or reused at the place of generation (i.e., establishment) and waste materials that are directly discharged into ambient water or air as wastewater or air pollution.

(Waste from) **Agriculture, forestry and fishing:** All waste from agricultural, forestry and fishing activities. Manure used as fertilizer is excluded (i.e., only excess manure which is disposed of should be included). This category refers to ISIC divisions 01 to 03.

(Waste from) **Manufacturing:** All waste from manufacturing activities. This category refers to ISIC divisions 10 to 33.

(Waste from) **Electricity, gas, steam and air conditioning supply:** All waste from electricity, gas, steam and air conditioning supply. Waste from the production of nuclear energy should be excluded. This category refers to ISIC division 35.

(Waste from) **Construction:** All waste from construction activities. This category refers to waste generated in ISIC division 41 to 43.

(Waste from) **Other economic activities excluding ISIC 38:** All waste from all other economic activities not specified before and excluding ISIC division 38. This category refers to waste generated in ISIC divisions 36, 37, 39, and ISIC 45 to 99.

Municipal waste: Municipal waste, collected by or on behalf of municipalities, by public or private enterprises, includes waste originating from: households, commerce and trade, small businesses, office buildings and institutions (schools, hospitals, government buildings). It also includes bulky waste (e.g., white goods, old furniture, mattresses) and waste from selected municipal services, e.g., waste from park and garden maintenance, waste from street cleaning services (street sweepings, the content of litter containers, market cleansing waste), if managed as waste. The definition excludes waste from municipal sewage network and treatment, municipal construction and demolition waste.

(Waste from) **Households:** Waste material usually generated in the normal functioning of households.

Hazardous waste: Hazardous waste refers to the categories of waste to be controlled according to the Basel Convention on the control of transboundary movements of hazardous waste and their disposal (Article 1 and Annex I).

Management of waste: Collection, transport, treatment and disposal of waste, including after-care of disposal sites.

Recycling: Any reprocessing of waste material in a production process that diverts it from the waste stream, except reuse as fuel. Both reprocessing as the same type of product, and for different purposes should be included. Recycling within industrial plants i.e., at the place of generation should be excluded.

Composting: A biological process that submits biodegradable waste to anaerobic or aerobic decomposition, and that results in a product that is recovered and can be used to increase soil fertility.

Incineration: The controlled combustion of waste with or without energy recovery.

Landfilling: Final placement of waste into or onto the land in a controlled or uncontrolled way. The definition covers both landfilling in internal sites (i.e., where a generator of waste is carrying out its own waste disposal at the place of generation) and in external sites.

Controlled landfilling: Final placement of waste into or onto the land in a controlled landfill site.

Other waste treatment: Any final treatment or disposal different from recycling, incineration and landfilling. Physical/chemical treatment, biological treatment, releasing into water bodies and permanent storage are included here.

Non hazardous industrial waste: Manufacturing waste (ISIC 10 - 33) excluding hazardous waste

Time series data on the indicators for 1990-2010, Table 2a. Final waste disposal: Management of municipal waste: Georgia

	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Municipal waste														
Municipal waste collected	1000 t/ year										855	875	880	
Municipal waste managed	1000 t/ year										855	875	880	
Of which recycling	1000 t/ year													
Of which composting	1000 t/ year													
Of which Incineration- without energy recovery	1000 t/ year													
Of which Incineration with energy recovery	1000 t/ year													
Of which landfilling on a controlled site	1000 t/ year													
Of which landfilling on a non- controlled site	1000 t/ year													
Of which other disposal (specify in the footnote, please)	1000 t/ year													

Note: Definitions are presented in sheet t1a. In case different definitions are applied in the country, specify, please. Please explain the category "Other disposal". Please insert any additional information necessary for explanation of figures presented.

Time series data on the indicators for 1990-2010, Table 2b. Final waste disposal: Management of non-hazardous industrial waste: Georgia

	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Total amount generated	1000 t/ year										908.74			
Of which recycling	1000 t/ year													
Of which composting	1000 t/ year													
Of which incineration- without energy recovery	1000 t/ year													
Of which Incineration with energy recovery	1000 t/ year													
Of which landfilling on a controlled site	1000 t/ year													
Of which landfilling on a non controlled site	1000 t/ year													
Of which other disposal (specify in the footnote, please)	1000 t/ year													

Note: Definitions are presented in sheet t1a. In case different definitions are applied in the country, specify, please. Please explain the category "Other disposal". Please insert any additional information necessary for explanation of figures presented.

Time series data on the indicators for 1990-2010, Table 3. Transboundary movements of hazardous waste : Georgia

	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Import of hazardous waste	1000 t/ year													
Export of hazardous waste	1000 t/ year										1'030	0.7	0,55	
Import - export	1000 t/ year													
Total hazardous waste managed	1000 t/ year													
Of which recycling	1000 t/ year													
Of which incineration	1000 t/ year													
Of which landfilling	1000 t/ year													
Of which other disposal (specify in footnote, please)	1000 t/year													

Notes:

Please use the definition of hazardous waste in accordance with the Basel Convention. If data according to the Basel Convention are not available, amounts can be given according to national or any other international definition, but should be labelled accordingly. Other definitions are presented in sheet t1a. In the case that different definitions are applied in the country, specify, please. Please explain the category "Other disposal". Please insert any additional information necessary for explanation of figures presented.

Time series data on the indicators for 1990-2010, Table 4. Ambient air quality in urban areas : Georgia

City: Tbilisi city		Population: 1 106 700							Monitoring station:					
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Dust / PM														
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150
Dust - annual average limit value	µg/m ³													
Dust - annual average concentration	µg/m ³	300	307	284					470	396	750	800	520	430
Dust - the highest daily concentration	µg/m ³									1660	1800	530	1300	1100
Dust - number of days with exceeded daily limit value	#									266	268	228	229	213
PM10 - daily average limit value	µg/m ³													
PM10 - annual average limit value	µg/m ³													
PM10 - annual average concentration	µg/m ³													
PM10 - the highest daily concentration	µg/m ³													
PM10 - number of days with exceeded daily limit value	#													
SO2 -sulphur dioxide														
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³			154						94	140	130	116	98
The highest daily concentration	µg/m ³									300	260	226	230	230
The number of days with exceeded daily limit value	#									54	104	110	74	160
NO2 - nitrogen dioxide														
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³		43	42						55	70	60	70	73
The highest daily concentration	µg/m ³									133	125	123	120	107
The number of days with exceeded daily limit value	#									173	253	151	219	220
NOx - nitrogen oxides														
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³		33	32										
The highest daily concentration	µg/m ³													
The number of days with exceeded daily limit value	#													

CO - carbon monoxide														
Daily average limit value	µg/m3	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Annual average limit value	µg/m3													
Annual average concentration	µg/m3	5000	3440	2760	2400	2370	2200	2000	2000	2090	5000	5100	4000	3400
The highest daily concentration	µg/m3									5300	11600	15300	13600	11500
The number of days with exceeded daily limit value	#									56	192	157	123	117

Note:

Please fill this table for at least three biggest cities in the country. For each city, fill in the table for at least one representative station. For each station, indicate its type: Urban, sub-urban, traffic... In the case that there is more than one station in the city, fill such table for at least two representative stations. In the case that the country decides so, more cities and or more stations can be added. In the case that limit values are exceeded for other monitored pollutant(s), add the data to the table. If available, add the map of monitoring stations. EECOA countries should fill in daily MACs (Среднесуточное значение ПДК) in accordance their national legislation. In the case that annual MAC (среднегодовое значение ПДК) has been introduced by the legislation, fill in, please. SEE countries should use daily and annual limit values as understood by the EU legislation. Please insert any additional information necessary for explanation of figures presented.

City: Tbilisi city		Population:					Monitoring station: Station 1 - Andronikashvili str. 1								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³														
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO₂ -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO₂ - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		43												
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO_x - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		2720			1870	1640								
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Tbilisi city		Population:					Monitoring station: Station 2 - Tsereteli Ave. 103								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	300	340	390											
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO₂ -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO₂ - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		43	44											
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO_x - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	5000	3950	2860	2750	2720	2700	2400	2200					4090	
The highest daily concentration	µg/m ³													8090	
The number of days with exceeded daily limit value	#													73	

City: Tbilisi city		Population:					Monitoring station: Station 4 - Moscow Ave. 44								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	300		247											
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		30	40										59	
The highest daily concentration	µg/m ³													150	
The number of days with exceeded daily limit value	#													115	
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		2720			1870	1640			2300				2760	
The highest daily concentration	µg/m ³													5100	
The number of days with exceeded daily limit value	#													55	

City: Tbilisi city		Population:					Monitoring station: Station 5 - Marshal Gelovani str. 6								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	300		227						340					
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³			39						36					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	-													
The highest daily concentration	µg/m ³	-													
The number of days with exceeded daily limit value	#	-													
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³			2730	1998					1400					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Tbilisi city		Population:					Monitoring station: Station 6 - Kvinitadze str. 10								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	300	280	310					470	450	750	800	520	430	
Dust - the highest daily concentration	µg/m ³													1100	
Dust - number of days with exceeded daily limit value	#													213	
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO₂ -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³									94	140	130	116	98	
The highest daily concentration	µg/m ³													230	
The number of days with exceeded daily limit value	#													160	
NO₂ - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		43	48						76	70	60	70	92	
The highest daily concentration	µg/m ³													107	
The number of days with exceeded daily limit value	#													219	
NO_x - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		33	32											
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	5000	4190	3260	2790	3240	3000	2700	2700	2700	5000	5100	4000	3400	
The highest daily concentration	µg/m ³													1150	
The number of days with exceeded daily limit value	#													117	

City: Tbilisi city		Population:					Monitoring station: Station 29 - Ialbuzi str. 18								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	300		280											
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³			154											
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³		39	42											
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³														
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	5000	4360		2630	2710	2600								
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Batumi city		Population: 124 000						Monitoring station:						
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Dust / PM														
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150
Dust - annual average limit value	µg/m ³													
Dust - annual average concentration	µg/m ³	100	300	205	220	210	195	203	170	295		500	530	890
Dust - the highest daily concentration	µg/m ³													2400
Dust - number of days with exceeded daily limit value	#													211
PM10 - daily average limit value	µg/m ³													
PM10 - annual average limit value	µg/m ³													
PM10 - annual average concentration	µg/m ³													
PM10 - the highest daily concentration	µg/m ³													
PM10 - number of days with exceeded daily limit value	#													
SO₂ -sulphur dioxide														
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	61	59	118	104	105	98	97	98	102		90	100	69
The highest daily concentration	µg/m ³													200
The number of days with exceeded daily limit value	#													139
NO₂ - nitrogen dioxide														
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	50	59	44	53	55	50	49	52	64		120	100	97
The highest daily concentration	µg/m ³													97
The number of days with exceeded daily limit value	#													238
NO_x - nitrogen oxides														
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	30												
The highest daily concentration	µg/m ³													
The number of days with exceeded daily limit value	#													
CO - carbon monoxide														
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	2000	6050										7300	3860
The highest daily concentration	µg/m ³													8300
The number of days with exceeded daily limit value	#													121

City: Batumi city		Population:					Monitoring station: Station 3 - Rustaveli str. 3								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	100	300	200	220	204	194		170	280					
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	61	59	118	104	105	98			102					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³			44	54	55	49			65					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	30													
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	2000	6600												
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Batumi city		Population:					Monitoring station: Station 4 - Abuseridze str. 1								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	100	300	210	221	207	197			260		500	530	890	
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	61	59									90	100	69	
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³			40	53	55	51			64					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	30													
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	2000	6600										7300	3860	
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Kutaisi city		Population: 194 000						Monitoring station:						
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Dust / PM														
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150
Dust - annual average limit value	µg/m ³													
Dust - annual average concentration	µg/m ³	1200	609	593	570	608	590	337	510	634	760	970	900	750
Dust - the highest daily concentration	µg/m ³													1800
Dust - number of days with exceeded daily limit value	#													218
PM10 - daily average limit value	µg/m ³													
PM10 - annual average limit value	µg/m ³													
PM10 - annual average concentration	µg/m ³													
PM10 - the highest daily concentration	µg/m ³													
PM10 - number of days with exceeded daily limit value	#													
SO₂ -sulphur dioxide														
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	46		48	48	45	47		90	159			150	150
The highest daily concentration	µg/m ³													210
The number of days with exceeded daily limit value	#													211
NO₂ - nitrogen dioxide														
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	60		13		113			68	79	76	95	90	99
The highest daily concentration	µg/m ³													147
The number of days with exceeded daily limit value	#													212
NO_x - nitrogen oxides														
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	40		39		43			51	62	70	70	70	70
The highest daily concentration	µg/m ³													97
The number of days with exceeded daily limit value	#													151
CO - carbon monoxide														
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Annual average limit value	µg/m ³													
Annual average concentration	µg/m ³	3000	2000	2250	2200	2400	1580	1900	2000	2600	2170	4300	3400	4660
The highest daily concentration	µg/m ³													9700
The number of days with exceeded daily limit value	#													155

City: Kutaisi city		Population:					Monitoring station: Station 2 - Tavisufleba str. 6								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	1200	570	460	440	460	490	330	450	490					
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	46													
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	60		59		110			60	50					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	40													
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	3000	3190	1580	1500	1700	1320	1600	1600	1600					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Kutaisi city		Population:					Monitoring station: Station 3 - Rustaveli str. 37								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
Dust - daily average limit value	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	1200	570	650	630	660	660	340	510	580					
Dust - the highest daily concentration	µg/m ³														
Dust - number of days with exceeded daily limit value	#														
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	46		48	48	42	47		90	159					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	60		69		111			70	79					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	40													
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	3000	1860	2480	2480	2570	1600	2000	2160	2190					
The highest daily concentration	µg/m ³														
The number of days with exceeded daily limit value	#														

City: Kutaisi city		Population:					Monitoring station: Station 4 - Chavchavadze str. 78								
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
Dust / PM															
	µg/m ³	150	150	150	150	150	150	150	150	150	150	150	150	150	
Dust - annual average limit value	µg/m ³														
Dust - annual average concentration	µg/m ³	1200	650	670	640	705	620	340	570	690	760	970	900	750	
Dust - the highest daily concentration	µg/m ³													1800	
Dust - number of days with exceeded daily limit value	#													218	
PM10 - daily average limit value	µg/m ³														
PM10 - annual average limit value	µg/m ³														
PM10 - annual average concentration	µg/m ³														
PM10 - the highest daily concentration	µg/m ³														
PM10 - number of days with exceeded daily limit value	#														
SO2 -sulphur dioxide															
Daily average limit value	µg/m ³	50	50	50	50	50	50	50	50	50	50	50	50	50	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	46			48	47							150	150	
The highest daily concentration	µg/m ³													210	
The number of days with exceeded daily limit value	#													211	
NO2 - nitrogen dioxide															
Daily average limit value	µg/m ³	40	40	40	40	40	40	40	40	40	40	40	40	40	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	60		69		116			74	80	76	95	90	99	
The highest daily concentration	µg/m ³													147	
The number of days with exceeded daily limit value	#													212	
NOx - nitrogen oxides															
Daily average limit value	µg/m ³	60	60	60	60	60	60	60	60	60	60	60	60	60	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	40		39		44			51	62	70	70	70	69	
The highest daily concentration	µg/m ³													97	
The number of days with exceeded daily limit value	#													151	
CO - carbon monoxide															
Daily average limit value	µg/m ³	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Annual average limit value	µg/m ³														
Annual average concentration	µg/m ³	3000	1620	2650	2620	2800	1800	2100	2300	2900	2170	4300	3400	4660	
The highest daily concentration	µg/m ³													9700	
The number of days with exceeded daily limit value	#													155	

Time series data on the indicators for 1990-2010, Table 5a. Threatened and protected species: Georgia

Mammals, birds and fish														
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Mammals														
Total number of species	#	109	109	109	109	109	109	109	109	109	109	109	109	109
Of which treated	#	21	21	21	21	21	26	26	26	33	33	33	33	33
	%	19	19	19	19	19	23	23	23	30	30	30	30	30
Including critically endangered	#									5	5	5	5	5
	%									4	4	4	4	4
Including endangered	#									6	6	6	6	6
	%									5	5	5	5	5
Including vulnerable	#									18	18	18	18	18
	%									16	16	16	16	16
Of which protected	#	21	21	21	21	21	26	26	26	33	33	33	33	33
	%	19	19	19	19	19	23	23	23	30	30	30	30	30
Birds														
Total number of species	#	360	360	360	360	360	360	360	360	360	360	360	360	360
Of which treated	#	33	33	33	33	33	55	55	55	35	35	35	35	35
	%	9	9	9	9	9	15	15	15	9	9	9	9	9
Including critically endangered	#									2	2	2	2	2
	%									0.5	0.5	0.5	0.5	0.5
Including endangered	#									9	9	9	9	9
	%									2.5	2.5	2.5	2.5	2.5
Including vulnerable	#									24	24	24	24	24
	%									7	7	7	7	7
Of which protected	#	33	33	33	33	33	55	55	55	35	35	35	35	35
	%	9	9	9	9	9	15	15	15	9	9	9	9	9
Fish														
Total number of species	#	167	167	167	167	167	167	167	167	167	167	167	167	167
Of which treated	#	1	1	1	1	1	1	1	1	15	15	15	15	15
	%	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	9	9	9	9	9
Including critically endangered	#									1	1	1	1	1
	%									0.6	0.6	0.6	0.6	0.6
Including endangered	#									6	6	6	6	6
	%									3.5	3.5	3.5	3.5	3.5
Including vulnerable	#									8	8	8	8	8
	%									5	5	5	5	5
Of which protected	#	1	1	1	1	1	1	1	1	15	15	15	15	15
	%	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	9	9	9	9	9

Note: In the case of birds, indicate, please, whether all birds or only nesting birds are taken into account. Please insert any additional information necessary for explanation of figures presented.

Glossary:

The category "threatened" refers to the sum of species "critically endangered", "endangered" and "vulnerable".
Species considered "critically endangered" are facing an extremely high risk of extinction in the wild in the immediate future.
Species considered "endangered" are not "critically endangered" but are facing a very high risk of extinction in the wild in the near future.
Species considered "vulnerable" are not "critically endangered" or "endangered" but are facing a high risk of extinction in the wild in the medium-term future.

Time series data on the indicators for 1990-2010, Table 5b. Threatened and protected species: Georgia

Reptiles, amphibians and invertebrates														
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Reptiles														
Total number of species	#	62	62	62	62	62	62	62	62	62	62	62	62	62
Of which treated	#	6	6	6	6	6	6	6	6	11	11	11	11	11
	%	10	10	10	10	10	10	10	10	18	18	18	18	18
Including critically endangered	#									1	1	1	1	1
	%									1.6	1.6	1.6	1.6	1.6
Including endangered	#									2	2	2	2	2
	%									3.2	3.2	3.2	3.2	3.2
Including vulnerable	#									8	8	8	8	8
	%									13	13	13	13	13
Of which protected	#	6	6	6	6	6	6	6	6	11	11	11	11	11
	%	10	10	10	10	10	10	10	10	18	18	18	18	18
Amphibians														
Total number of species	#	12	12	12	12	12	12	12	12	12	12	12	12	12
Of which treated	#	4	4	4	4	4	4	4	4	2	2	2	2	2
	%	33	33	33	33	33	33	33	33	16.6	16.6	16.6	16.6	16.6
Including critically endangered	#													
	%													
Including endangered	#									1	1	1	1	1
	%									8	8	8	8	8
Including vulnerable	#									1	1	1	1	1
	%									8	8	8	8	8
Of which protected	#	4	4	4	4	4	4	4	4	2	2	2	2	2
	%	33	33	33	33	33	33	33	33	16.6	16.6	16.6	16.6	16.6
Invertebrates														
Total number of species	#	15761	15761	15761	15761	15761	15761	15761	15761	15761	15761	15761	15761	15761
Of which treated	#									43	43	43	43	43
	%									0.272	0.272	0.272	0.272	0.272
Including critically endangered	#									2	2	2	2	2
	%									0.01	0.01	0.01	0.01	0.01
Including endangered	#									8	8	8	8	8
	%									0.05	0.05	0.05	0.05	0.05
Including vulnerable	#									32	32	32	32	32
	%									0.203	0.203	0.203	0.203	0.203
Of which protected	#									43	43	43	43	43
	%									0.272	0.272	0.272	0.272	0.272

Note: Please insert any additional information necessary for explanation of figures presented.

Glossary:

The category "threatened" refers to the sum of species "critically endangered", "endangered" and "vulnerable".
Species considered "critically endangered" are facing an extremely high risk of extinction in the wild in the immediate future.
Species considered "endangered" are not "critically endangered" but are facing a very high risk of extinction in the wild in the near future.
Species considered "vulnerable " are not "critically endangered" or "endangered" but are facing a high risk of extinction in the wild in the medium-term future.

Time series data on the indicators for 1990-2010, Table 5c. Threatened and protected species: Georgia

Vascular plants, mosses, lichens, fungi and algae														
	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Vascular plants														
Total number of species	#	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130	4130
Of which treated	#	152	152	152	152	152	150	150	150	56	56	56	56	56
	%	4	4	4	4	4	4	4	4	1.4	1.4	1.4	1.4	1.4
Including critically	#									2	2	2	2	2
	%									0.04	0.04	0.04	0.04	0.04
Including endangered	#									18	18	18	18	18
	%									0.4	0.4	0.4	0.4	0.4
Including vulnerable	#									36	36	36	36	36
	%									0.8	0.8	0.8	0.8	0.8
Of which protected	#	152	152	152	152	152	150	150	150	56	56	56	56	56
	%	4	4	4	4	4	4	4	4	1.4	1.4	1.4	1.4	1.4
Mosses														
Total number of species	#	812	812	812	812	812	812	812	812	812	812	812	812	812
Of which treated	#													
	%													
Including critically	#													
	%													
Including endangered	#													
	%													
Including vulnerable	#													
	%													
Of which protected	#													
	%													
Lichens														
Total number of species	#	800	800	800	800	800	800	800	800	800	800	800	800	800
Of which treated	#													
	%													
Including critically	#													
	%													
Including endangered	#													
	%													
Including vulnerable	#													
	%													
Of which protected	#													
	%													
Fungi														
Total number of species	#	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
Of which treated	#													
	%													
Including critically	#													
	%													

Including endangered	#													
	%													
Including vulnerable	#													
	%													
Of which protected	#													
	%													
Algae														
Total number of species	#	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605	2605
Of which threatened	#													
	%													
Including critically	#													
	%													
Including endangered	#													
	%													
Including vulnerable	#													
	%													
Of which protected	#													
	%													

Note: Please insert any additional information necessary for explanation of figures presented.

Glossary:

The category "threatened" refers to the sum of species "critically endangered", "endangered" and "vulnerable".
Species considered "critically endangered" are facing an extremely high risk of extinction in the wild in the immediate future.
Species considered "endangered" are not "critically endangered" but are facing a very high risk of extinction in the wild in the near future.
Species considered "vulnerable" are not "critically endangered" or "endangered" but are facing a high risk of extinction in the wild in the medium-term future.

More information:

Time series data on the indicators for 1990-2010, Table 6. Trends in the number and distribution of selected species): Georgia

	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Keystone specie(s):	#													
Specie(s) of international significance:	#													
Flagship specie(s):	#													
Endemic specie(s):	#													
Other specie(s):	#													

Note: Fill in for at least one specie in each of four categories. Provide the scientific and common name(s) of specie(s). Selection of species should be made by national experts. Add information on the level of abundance in a given area (country, region or designated area). Please insert any additional information necessary for explanation of figures presented.

Glossary:

Keystone species: Taxons whose impact on the ecosystem or community studied is disproportionately large relative to their abundance. The loss of these species will significantly affect the population sizes of other species in the ecosystem, potentially leading to further species loss ("cascade effect").

Species of international significance: Examples are species for which a country accounts for a significant proportion of the global or European range or population.

"Flagship" species: These are taxons of particular intrinsic (cultural and historical) appeal to the citizens of the country as a whole or its regions.

Endemic species: Any area contributes to global biodiversity by the overall number of different species within it and by the proportion of species that do not occur anywhere else (are endemic to the area). Conservation of endemic species, particularly those sharing a discrete geographic area, can be an effective way to maintain global biodiversity levels.

Other species: The selection criteria should be specified when completing the table.