



UNEP
Global Environment Outlook
Data Portal

<http://geodata.grid.unep.ch>





UNEP's GEO Data Portal

The GEO Data Portal is the authoritative source for data sets used by UNEP and its partners in the Global Environment Outlook (GEO) report and other integrated environment assessments.





UNEP's GEO Data Portal

Main target group

*those working on the GEO assessment and report
(UNEP/DEWA, GEO Collaborating Centres, reviewers
and editors)*





UNEP's GEO Data Portal

Basic functions

- *filtering for authoritative data sources*
- *aggregation of data/indicator for GEO regions (7) and sub-regions (21)*
- *data visualization and exploration for basic analysis, graphics production and capacity development*





UNEP's GEO Data Portal

Simple, easy and light system with basic functions to explore the data through maps, graphs & tables, compare countries-regions-world, histograms etc; download in popular formats and copy&paste in word processors.





UNEP's GEO Data Portal

Based on agreements and collaboration with many primary UN & other data providers e.g.:

- ***UN Statistics Division***
- ***OECD***
- ***WHO***
- ***FAO***
- ***World Bank***
- ***.....***





UNEP's GEO Data Portal

Data gaps & needs taken up in GEO Data Working Group, and interagency networks such as Intersecretariat Working Group on Environment Statistics (IWG-Env), Committee for Coordination of Statistical Activities (CCSA) and others.





UNEP's GEO Data Portal

The database holds over 500 data/indicator trend variables (stats, maps) for countries, GEO (sub-) regions and the world, identified on the basis of a 'core data list' developed as part of the GEO process and covering environmental and socio-economic domains.





UNEP's GEO Data Portal

*Produce on-the-fly maps, graphs, tables, histograms.
See the metadata. Download the variables in different
formats.*





UNEP's GEO Data Portal

How does it work?





UNEP's GEO Data Portal

UNEP DEWA GEO Global GEO Data Portal

United Nations Environment Programme
Global Environment Outlook

GEO Data Portal English | Français | Contact | Help | System sign in

The GEO Data Portal is the authoritative source for **data sets** used by UNEP and its partners in the Global Environment Outlook (GEO) report and other integrated environment assessments. Its **online database** holds more than **450 different variables**, as national, subregional, regional and global statistics or as geospatial data sets (maps), covering themes like Freshwater, Population, Forests, Emissions, Climate, Disasters, Health and GDP. Display them on-the-fly as **maps**, **graphs**, **data tables** or download the data in different formats.

search the GEO Database

Level: **All** National Subregional Regional more »

Enter words to search for:

or use the **Advanced Search**

1

1. Keyword: 2. **Dataset:** 3. Time: 4. Option:

select a dataset

Number of entries found: 9

Variable	Data Set Type	GEO Region	Covered Time	Download protected?	Data Provider	Last updated	Preview
<input type="radio"/> Fish Catch - Inland Waters	National	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Inland Waters	Regional	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Inland Waters	Subregional	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Marine	National	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Marine	Regional	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Marine	Subregional	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Total	National	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Total	Regional	World	1960-2005		FAO	07/2007	
<input type="radio"/> Fish Catch - Total	Subregional	World	1960-2005		FAO	07/2007	

2

1. Keyword: 2. Dataset: 3. Time: 4. **Option:**

select an option

Draw Map

Display the selected data set as a map, dynamically drawn by the GEO Data Portal Internet Map Server.

display as ...
[Map](#)

Draw Graph

Display the selected data set as a graph and compare different countries.

display as ...
[Graph](#)

Show Values

Display the selected data set with multiple analysis & display options in HTML format on a web site.

display as ...
[Values](#)

Download Data

Download the selected data dynamically from the GEO Data Portal server in different formats.

download as ...
[Adobe PDF](#)
[Comma Delimited \(CSV\)](#)
[ESRI Shapefile](#)
[Microsoft Excel](#)

Show Metadata

display as ...
[Metadata](#)

Data Provider

Food and Agriculture Organization of the United Nations

3





UNEP's GEO Data Portal

Maps

Map Graph Table Metadata Download

Fish Catch - Marine [2005]

Source: UNEP/DEWA/GRID-Europe, GEO Data Portal

International Boundaries

Units: Metric Tons

- no data
- 0 to 3136600
- 3136600 to 6273200
- 6273200 to 9409800
- 9409800 to 12546400
- 12546400 to 15683000

General Symbology Classification Trend Analysis

General Background Query Boundaries Layers

Choose additional **display options** for your selected dataset - display the **values**, change the **year**, select a different **color-ramp**, etc. Just click on the tags above to make your selection.

This menu gives you access to the "**View**". Change the **mapsize**, select the **background** layer, define the **query** layer etc. Just click on the tags above to make your selection.

Theme update map View

For some map examples see [gallery](#).

The designations employed and the presentation of material on this map do not imply the expression of any opinion whatsoever on the part of the Secretariat of the United Nations concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Help



UNEP's GEO Data Portal

Graphs

Map Graph Table Metadata Download

Fish Catch - Marine

Units: Metric Tons

Year	China	Japan
1965	2,500,000	6,000,000
1970	3,000,000	8,000,000
1975	4,000,000	9,500,000
1980	4,000,000	10,000,000
1985	5,000,000	11,000,000
1990	7,000,000	10,500,000
1995	12,000,000	6,000,000
2000	16,000,000	5,000,000
2005	15,500,000	4,000,000

Source: UNEP/DEWA/GRID-Europe, GEO Data Portal; compiled from FAO, FISHSTAT, Fishery Statistics
23/05/2008

Note: If data is not plotted but the entry is indicated in the legend, then no values are available for the selected options.

1 Select Module:

One Variable - Multiple Countries
One Country - Multiple Variables
Calculate Difference for one Variable and one Country

2 Select Graph Type:

Line
Acc. Line
Bar

3 Select X-Axis:

Years on X-Axis
Countries on X-Axis
Countries on Y-Axis

4 Countries/Regions/Subregions (max: 7)

- British Virgin Islands
- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cambodia
- Cameroon
- Canada
- Cape Verde
- Cayman Islands
- Central African Republic
- Chad
- Chile
- China

5 Select Years: (min: 2)

2005
2004
2003
2002
2001
2000
1999
1998
1997

All years

GO - make new graph

6 additional options: ↓

[go back](#)





UNEP's GEO Data Portal

Tables

Map Graph **Table** Metadata Download

Fish Catch - Marine

[Metric Tons]

National

Extremes → Histogram →

Sort → Graph

	1995	2000	2005	
Global value	84998000.00	86790500.00	83718000.00	Graph
Afghanistan	x	x	x	Graph
Albania	1160.00	2365.00	2065.00	Graph
Algeria	105872.00	113157.00	126259.00	Graph
American Samoa	152.00	832.00	3943.00	Graph
Andorra	x	x	x	Graph
Angola	116781.00	232351.00	230000.00	Graph
Anguilla	150.00	250.00	250.00	Graph
Antarctic	x	x	x	Graph
Antigua and Barbuda	1610.00	1754.00	2999.00	Graph
Argentina	1155880.00	891379.00	896074.00	Graph
Armenia	x	x	x	Graph
Aruba	140.00	163.00	162.00	Graph
Australia	204104.00	189991.00	245734.00	Graph
Austria	x	x	x	Graph
Azerbaijan	x	x	x	Graph
Bahamas	9944.00	11070.00	11347.00	Graph
Bahrain	9389.00	11718.00	11854.00	Graph
Bangladesh	264650.00	333799.00	474597.00	Graph
Barbados	3581.00	3100.00	1869.00	Graph
Belarus	x	x	x	Graph
Belgium	35088.00	29289.00	24071.00	Graph





UNEP's GEO Data Portal

Metadata

Map Graph Table Metadata Download

» export in ISO 19115 format

Identification Information

Citation

Title:	Fish Catch - Marine
Publication year:	Apr 2007
Data set type:	National
Spatial presentation form:	textTable
Units:	Metric Tons
Filename:	fish_catch_marine

Definitions: Fish catch data relate to nominal catch of fish (FAOSTAT categories: demersal marine fish, pelagic marine fish, marine fish not elsewhere included, freshwater and diadromous fish), taken for commercial, industrial, recreational and subsistence purposes from marine waters. The harvest from mariculture, aquaculture and other kinds of fish farming is excluded. Data include all quantities caught and landed for both food and feed purposes but exclude discards. Catches of fish are expressed in live weight, that is the nominal weight of the aquatic organisms at the time of capture. To assign nationality to catches, the flag of the fishing vessel is used, unless the wording of chartering and joint operation contracts indicates otherwise.

Abstract: Fish, crustaceans, molluscs and all other aquatic organisms included in the FishStat Plus database have been classified according to approximately 1290 commercial species items, further arranged within the 50 groups of species constituting the nine divisions of the FAO International Standard Statistical Classification of Aquatic Animals and Plants (ISSCAAP). According to the inland or marine area where caught, capture production is also classified into eight major inland fishing areas and 19 major marine fishing areas, internationally established for fishery statistical purposes. Several countries still report their catches by large groups of species. In these circumstances the catch data presented by individual species items are likely to be underestimated. Therefore, when the statistics are examined for a particular species, it should be noted that an unknown proportion of the catches for that species might have been reported by the national office under the generic, family or order name of the species, or even more roughly as "marine fishes unspecified". Consequently, species-item totals frequently underestimate the real catch of the individual species.

Purpose: The FAO Fisheries and Aquaculture Department provides advice and objective information to Members to help promote responsible aquaculture and fisheries. To fulfil this role, the Department compiles, analyses and disseminates fishery data, structured within data collections. FAO is acutely aware of the fundamental social and economic role played by the fisheries sector in: Meeting global and national sustainable food security. Providing self and paid employment for fishing communities as a means of alleviating poverty in fishing communities and stemming rural/urban drift. level

Character set: utf8

Language: English

Status: Complete

Update frequency: Unknown

Topic Category





UNEP's GEO Data Portal

Download

A screenshot of the 'Download Data' interface from the UNEP GEO Data Portal. At the top, there are five tabs: 'Map', 'Graph', 'Table', 'Metadata', and 'Download'. The 'Download' tab is active. Below the tabs is a yellow box with the title 'Download Data'. Inside this box, there is a smaller window titled 'Download' with a progress bar and a 'Cancel' button. Below the window, there are four links: [Adobe PDF](#), [Comma Delimited \(CSV\)](#), [ESRI Shapefile](#), and [Microsoft Excel](#).



UNEP's GEO Data Portal

Webservices





UNEP's GEO Data Portal

Statistics

Enter an ID (Empty = default values) :

Enter ISO (2 or 3) (Empty = default values) :

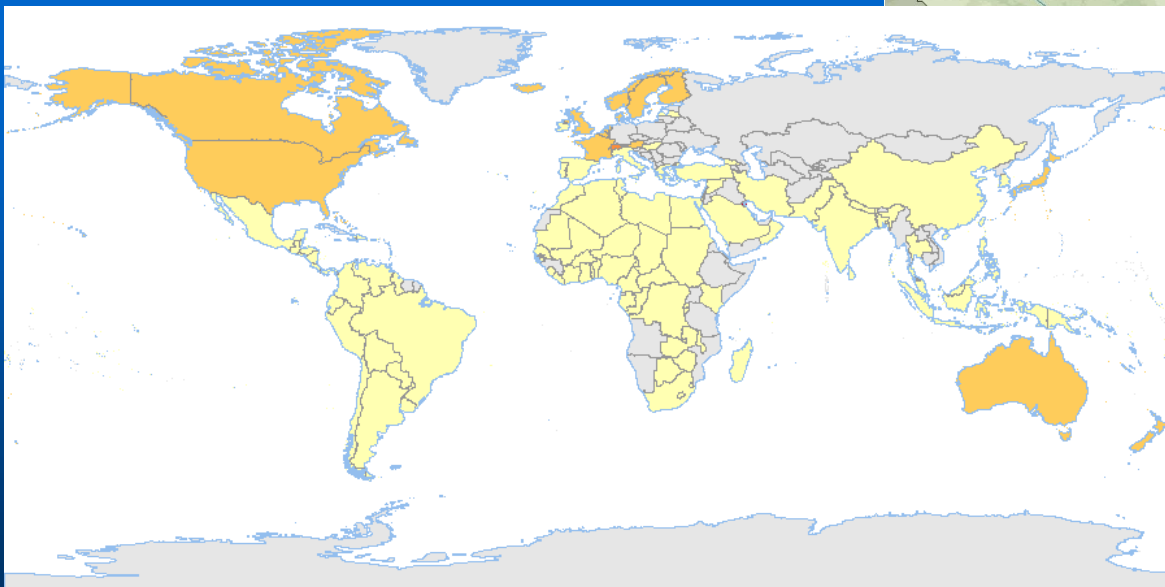
Display XML Request/Response:

Name	Year	Value	Units
Population	2005	82689.211	Thousand People
Population Density	2005	236.966	People per Square Kilometer
Total Surface Area	2002	7552	Square Kilometers
Energy Supply per \$1000 Gross Domestic Product (PPP)	2003	164	Kilogram Oil Equivalent
Carbon Dioxide Emissions - Total (UNFCCC-CDIAC)	2003	865.37	Million Metric Tons of CO2
Carbon Dioxide Emissions - per Capita (UNFCCC-CDIAC)	2003	10.48	Metric Tons of CO2 per Person
Consumption of Ozone-Depleting Substances - Chlorofluorocarbons (CFCs)	2005	x	ODP Metric Tons
Consumption of Ozone-Depleting Substances - Hydrochlorofluorocarbons (HCFCs)	2005	x	ODP Metric Tons
Consumption of Ozone-Depleting Substances - Methyl Bromide	2005	x	ODP Metric Tons
Proportion of Land Area Covered by Forest	2005	31.7409	Percent of Land Area
Forests Certified by FSC-Accredited Certification Bodies	2006	587182	Hectares
Improved Drinking Water Coverage - Total Population	2004	100	Percent of Total Population
Improved Sanitation Coverage - Total Population	2004	100	Percent of Total Population
Fish Catch - Marine	2002	185323	Metric Tons



UNEP's GEO Data Portal

Maps





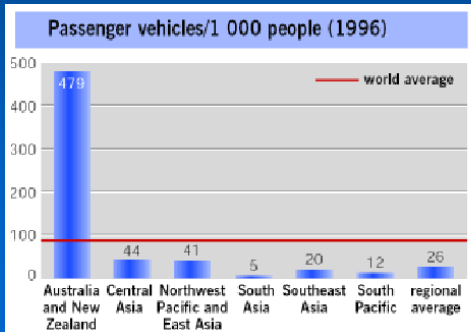
UNEP's GEO Data Portal

Where does it go?

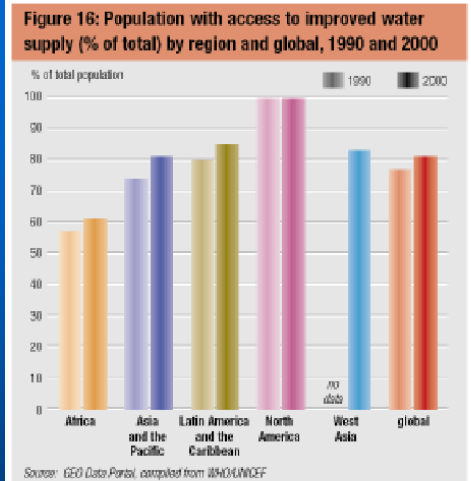




UNEP's GEO Data Portal

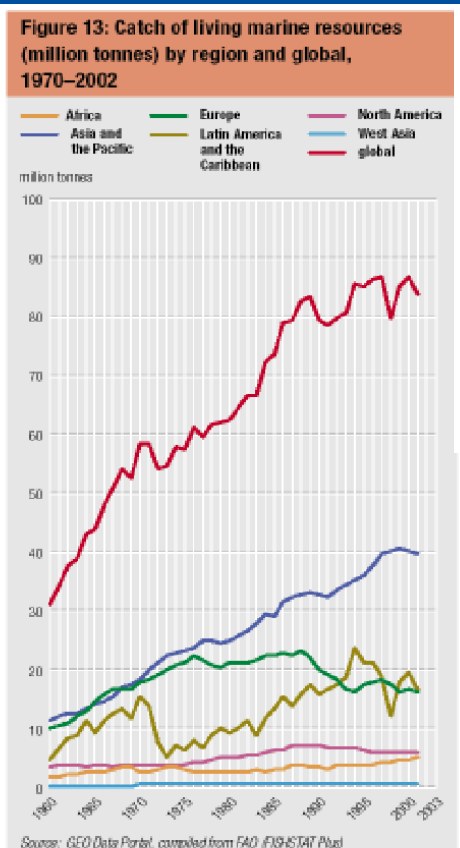


Source: GEO-3, p.221



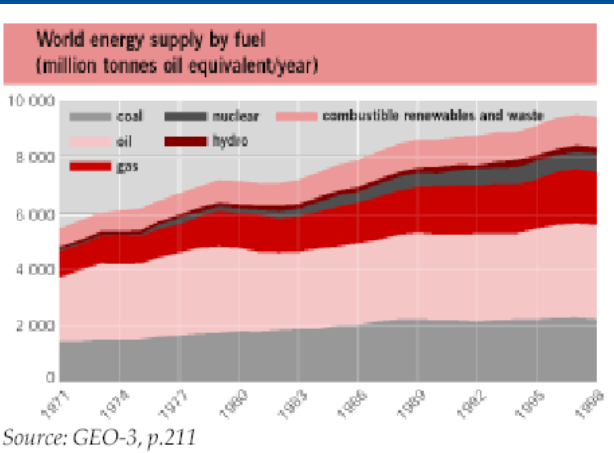
Source: GEO Data Portal, compiled from WHO/UNICEF

Source: GEO Year Book 2003, p.71

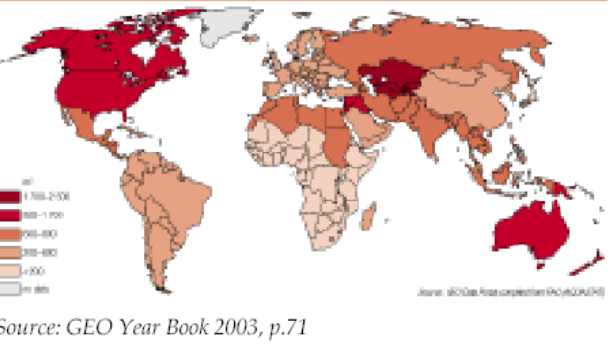


Source: GEO Data Portal, compiled from FAO (FISHSTAT Plus)

Source: GEO Year Book 2003, p.70



Source: GEO-3, p.211



Source: GEO Year Book 2003, p.71





UNEP's GEO Data Portal

Recently added data sets:

- ✓ *Health (skin cancer, malaria,...)*
- ✓ *Compliance with ISO14001*
- ✓ *Renewable energy supply*
- ✓ *Urban air pollution*
- ✓ *Water quality, rivers & lakes*
- ✓ *Landcover*
- ✓ *Lakes & wetlands*
- ✓ *...*





UNEP's GEO Data Portal

Off-line & Outreach:

- ✓ *Data Compendium*
- ✓ *CD-ROM version*
- ✓ *User Guide*
- ✓ *Technical Manual*
- ✓ *eLearning Tools*
- ✓ *Brochures*
- ✓ *...*





UNEP's GEO Data Portal

Poor or Missing Data:

- 1) Renewable energy
- 2) Water quality and (ground)water resources
- 3) Waste (solid & water, disposal and treatment/management)
- 4) Land degradation
- 5) Oceans (reference data, pollution/health)
- 6) Ecosystems base data (wetlands, etc)
- 7) Population density (times series, urban/rural split)
- 8) Governance (environmental policies, conventions and their effectiveness, incl. transparency & access to information)
- 9) Air emissions (non Annex-1), urban air quality and health impacts
- 10) Exotic/invasive species
- 11) Poverty & prosperity
- 12) Chemicals exposure & health
- 13) Glacier & polar ice melting
- 14) Technology use
- 15) Environment, peace and security
- 16) Targets and reference values
- 17) Gender and environment (disparities)





UNEP
Global Environment Outlook
Data Portal

<http://geodata.grid.unep.ch>

