

Land cover distribution and change — outlook from MNP

[REMOVE](#) [1]

Land cover distribution and change is a modeled prediction of the distribution of land-cover types (tropical rain forest; desert; tundra; etc.) across the total world terrestrial area in 2050 based on different scenarios.

Unit of Measurement:

Percentage (%)

Link to Data:

<http://www.cbd.int/doc/gbo2/cbd-gbo2-global-scenarios.pdf> [2]

Description to get data:

The data is only presented in graphical form in the document. For the world and for each region, a box with three graphs is presented. The graph containing the data for this indicator is the last one: "Land cover distribution (%)". For instance, the data for the world can be found on page 36 in Figure 7c. Users should look up the region of interest in the table of contents on page 5 and then look for the graph in that section.

Type of Indicator source:

- [Scientific institute](#) [3]

Geographical Coverage:

Afghanistan
Aland Islands
Albania
Algeria
American Samoa
Andorra
Angola
Anguilla
Antarctica
Antigua and Barbuda
Argentina
Armenia
Aruba
Australia
Austria
Azerbaijan
Bahamas
Bahrain
Bangladesh
Barbados
Belarus
Belgium
Belize

Benin
Bermuda
Bhutan
Bolivia
Bosnia and Herzegovina
Botswana
Bouvet Island
Brazil
British Indian Ocean Territory
British Virgin Islands
Brunei
Bulgaria
Burkina Faso
Burundi
Cambodia
Cameroon
Canada
Cape Verde
Caribbean Netherlands
Cayman Islands
Central African Republic
Chad
Chile
China
Christmas Island
Cocos (Keeling) Islands
Colombia
Comoros
Congo (Brazzaville)
Congo (Kinshasa)
Cook Islands
Costa Rica
Croatia
Cuba
Curaçao
Cyprus
Czech Republic
Denmark
Djibouti
Dominica
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial Guinea
Eritrea
Estonia
Ethiopia
Falkland Islands
Faroe Islands
Fiji
Finland
France
French Guiana
French Polynesia
French Southern Territories
Gabon
Gambia
Georgia

Germany
Ghana
Gibraltar
Greece
Greenland
Grenada
Guadeloupe
Guam
Guatemala
Guernsey
Guinea
Guinea-Bissau
Guyana
Haiti
Heard Island and McDonald Islands
Honduras
Hong Kong S.A.R., China
Hungary
Iceland
India
Indonesia
Iran
Iraq
Ireland
Isle of Man
Israel
Italy
Ivory Coast
Jamaica
Japan
Jersey
Jordan
Kazakhstan
Kenya
Kiribati
Kosovo
Kuwait
Kyrgyzstan
Laos
Latvia
Lebanon
Lesotho
Liberia
Libya
Liechtenstein
Lithuania
Luxembourg
Macao S.A.R., China
Macedonia
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Marshall Islands
Martinique
Mauritania
Mauritius

Mayotte
Mexico
Micronesia
Moldova
Monaco
Mongolia
Montenegro
Montserrat
Morocco
Mozambique
Myanmar
Namibia
Nauru
Nepal
Netherlands
Netherlands Antilles
New Caledonia
New Zealand
Nicaragua
Niger
Nigeria
Niue
Norfolk Island
Northern Mariana Islands
North Korea
Norway
Oman
Pakistan
Palau
Palestinian Territory
Panama
Papua New Guinea
Paraguay
Peru
Philippines
Pitcairn
Poland
Portugal
Puerto Rico
Qatar
Reunion
Romania
Russia
Rwanda
Saint Barthélemy
Saint Helena
Saint Kitts and Nevis
Saint Lucia
Saint Martin (French part)
Saint Pierre and Miquelon
Saint Vincent and the Grenadines
Samoa
San Marino
Sao Tome and Principe
Saudi Arabia
Senegal
Serbia
Seychelles
Sierra Leone

Singapore
Sint Maarten
Slovakia
Slovenia
Solomon Islands
Somalia
South Africa
South Georgia and the South Sandwich Islands
South Korea
South Sudan
Spain
Sri Lanka
Sudan
Suriname
Svalbard and Jan Mayen
Swaziland
Sweden
Switzerland
Syria
Taiwan
Tajikistan
Tanzania
Thailand
Timor-Leste
Togo
Tokelau
Tonga
Trinidad and Tobago
Tunisia
Turkey
Turkmenistan
Turks and Caicos Islands
Tuvalu
U.S. Virgin Islands
Uganda
Ukraine
United Arab Emirates
United Kingdom
United States
United States Minor Outlying Islands
Uruguay
Uzbekistan
Vanuatu
Vatican
Venezuela
Vietnam
Wallis and Futuna
Western Sahara
Yemen
Zambia
Zimbabwe

Geographical Level:

- [Other multi national aggregates \(eg. Asia, Africa\)](#) [4]

Same/similar indicators appears in the following sets:

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- [Home](#)
 - [About the website](#)
 - [About the search options](#)
 - [About the data in our Factsheets](#)

-
- [EEA's environmental indicators/Environmental Pressure indicators](#) [5]

Methodological transparency:

- [Methodology not available](#) [6]

Indicator relation: Indicator: [Land cover, use of arable land — outlook from EEA](#) [7]

Type of relation: Similar indicator

Indicator: [Net change in land cover 1990-2000](#) [8]

Relationship explanation: Historical overview of land cover change

Type of relation: Similar indicator

Temporal Coverage:

2000 to 2050

Frequency of Updates:

- [irregular](#) [9]

Indicator developer:

EEA/MNP

Link to Methodology:

[Output from GTAP-IMAGE-GLOBIO model](#) [2]

Aggregation level of indicator:

- [Single](#) [10]

Data quality assesment:

- [No published quality assessment](#) [11]

Publishing delay:

- [more than 3 years](#) [12]

Link to data quality assessment:

[Output from GTAP-IMAGE-GLOBIO model](#) [2]

Contribution to the green economy:

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Changes in arable and permanent crop land and wooded areas give important information about a country's/region's endowment in agricultural and forest resources, both from an economic and an environmental perspective. Economically, changes in land use will also affect the transition to a Green Economy.

Cost of accessing data:

- [free of charge](#) [13]

Potential misinterpretation: Is there less land use change occurring, but land fragmentation is increasing?

Related Indicator: [Landscape fragmentation](#) [14]

Potential misinterpretation: Is the overall land cover indicating a good development, but urban sprawl is also increasing?

Related Indicator: [Built-up areas](#) [15]

Use of indicator in mandates, international agreements or legislation:

Name of agreement or policy:

There are no international conventions or other policy documents at the Pan-European level efficiency of implementations of which can be measured by this indicator

Name of body or organisation:

European Union

Link to body or organisation:

[EEA website](#) [16]

Section or page to find indicator:

<http://www.eea.europa.eu/data-and-maps/data/external/output-from-gtap-image-globio>



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Source URL: <https://measuring-progress.eu/land-cover-distribution-and-change-%E2%80%94-outlook-mnp>

Links

- [1] <https://measuring-progress.eu/coll-del/nojs/708>
- [2] <http://www.cbd.int/doc/gbo2/cbd-gbo2-global-scenarios.pdf>
- [3] <https://measuring-progress.eu/taxonomy/term/44>
- [4] <https://measuring-progress.eu/taxonomy/term/100>
- [5] <https://measuring-progress.eu/taxonomy/term/65>
- [6] <https://measuring-progress.eu/taxonomy/term/35>
- [7] <https://measuring-progress.eu/land-cover-use-arable-land-%E2%80%94-outlook-eea>
- [8] <https://measuring-progress.eu/net-change-land-cover-1990-2000>
- [9] <https://measuring-progress.eu/taxonomy/term/21>
- [10] <https://measuring-progress.eu/taxonomy/term/27>
- [11] <https://measuring-progress.eu/taxonomy/term/37>
- [12] <https://measuring-progress.eu/taxonomy/term/26>
- [13] <https://measuring-progress.eu/taxonomy/term/9>
- [14] <https://measuring-progress.eu/landscape-fragmentation-0>
- [15] <https://measuring-progress.eu/built-areas>
- [16] <http://www.eea.europa.eu/data-and-maps/indicators/land-cover-distribution-and-change>