

CLC Statistics by countries (nuts 0)

Datasets used

- Corine Land Cover 90 European 100 m grid. Version 12/2000
- SABE (Seamless Administrative Boundaries of Europe) 97 version 2.0.

Units for area

Area values are in hectares (ha). (1 ha = 10000 sq meters)

Procedure followed

- Union of all countries (nuts 0) in a single cover.
- Reprojection of the cover to lambert azimuthal.
- Rasterization of countries (nuts 0) cover.
- Overlay of CLC90 and countries (nuts 0) grids obtaining the sum of each CLC90 Level 3 class pixels by country (nuts 0). Each pixel (100x100m) is equivalent to one hectare.
- Calculation of CLC90 Level 1 and CLC Level 2 classes areas by country (nuts 0).
- Calculation of percentages by country (nuts 0), using total country area extracted from vector data cover. Done for CLC90 levels 1, 2 and 3.

Important remarks

- To make data more clear, countries without any kind of data (not covered by CLC) have been deleted. Annex 1 shows a list of all these countries.
- CLC category 44 (Sea&oceans) has been aggregated to CLC category 50 (No data Sea&oceans). Another area field has been calculated by subtracting from total countries area these sea&ocean pixels. Percentages has been calculated twice, using total area and using total area without the sea.
- NO DATA column means country area not covered by CLC.

WARNING: The values given by these statistics should be taken cautiously, since they may contain some degree of error, mainly caused by:

- Geometric differences between both databases.
- Accuracy of vector lowered by rasterization of nuts0 cover (100m resolution).
- CLC90 database contains information from many different years.
- Administrative country boundaries are significantly different from real coastline for some countries.

Annex 1: Countries not covered at all by CLC90 Version 12/2000

- Cyprus
- Island
- Norway
- Liechtenstein
- Sweden
- Switzerland