

# Education services in Europe

## Version

0.1 (XX/XX/XX)

## General description

This dataset is an integration of Member States official data on the location of education services. Additional information on these services is included when available (see **attributes** below).

A variety of data sources are available at MS level with different quality criteria: level of detail, timeliness and update frequency, etc. The adopted approach aims to progressively build pan-European datasets from MS official data and maintain them in a sustainable manner. Different data sources could be selected depending on the needs and the cases but priority is given to data sourced from governmental sources such as Education Ministries or other official outlets indicated by Ministries. Data is semantically harmonised with a common (simple) schema. Production relies on automated processes: MS data are retrieved, harmonised combined and updated automatically, as far as possible.

## Contribution

Data provided may contain inconsistencies or inaccuracies. If you would like to contribute by suggesting alternative data sources or notice any issues, please contact [Eurostat user support](#).

## Attributes

Attribute	Datatype	Description
id	text	The education service identifier. This identifier is based on national identification codes, if it exists.
name	text	The name of the education institution.
site_name	text	The name of the specific site or branch of an education institution.
lat	double	Latitude (WGS 84).
lon	double	Longitude (WGS 84).
street	text	Street name.
house_number	text	House number.
postcode	text	Postcode.
city	text	City name (Sometimes refers to a region or municipality).
cc	text	Country code (2 letters, ISO 3166-1 alpha-2).
country	text	Country name.
level	text	Education level, following <a href="#">the International Standard Classification of Education (ISCED 2011)</a> classification.
cap_students	int	Measure of capacity by maximum number of students.
cap_students_enrolled	int	Measure of capacity by number of enrolled students.
fields	text	Field of education and training, following <a href="#">the ISCED-F 2013 classification</a> .
public_private	text	'public/private' status of the education service.

tel	text	Telephone number.
email	text	Email address.
url	text	URL link to the institution's website.
ref_date	date	The <a href="#">reference date</a> (DD/MM/YYYY) the data refers to. The dataset represents the reality as it was at this date.
pub_date	date	The publication date of the dataset by Eurostat (DD/MM/YYYY). This should be used to track when this Eurostat dataset has changed.
geo_qual	int	A quality indicator for the geolocation. 1: Good, 2: Medium, 3: Low, -1: Unknown
comments	text	Some additional information on the education service.

## Geometrical representation and coordinate reference system

The locations are represented as point geometries with geographical coordinates (longitude, latitude) in WGS84 ([EPSG:4326](#)).

The position of an education service is sometimes computed automatically from its postal address, using geocoding. This position might thus be inaccurate. The attribute *geo\_qual* documents the confidence level of this positioning.

## Geographical extent

EU and neighboring countries. The countries covered are listed in the table below ('Data sources' section) and on [this page](#).

## Data sources and reference date

Country	Data source	Reference date	Update frequency	License	URL (if applicable)

## Update Frequency

The dataset is updated regularly as data coverage improves. Once considered complete, it will be updated annually.

## Download service

Eurostat website download page: <https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/education-services>

Download space: <https://gisco-services.ec.europa.eu/pub/education/>

API: <https://gisco-services.ec.europa.eu/pub/education/><*format*>/<*geo\_code*>.<*format*> where *format* is the encoding format among {'*csv*', '*geojson*', '*gpkg*'} and *geo\_code* is the 2 letters country code, or '*all*' to retrieve all data.

## Encoding

The data is encoded in CSV, [GeoPackage](#) or [GeoJSON](#) formats. For a conversion in other GIS formats, you could use [GDAL](#).  
The character encoding is UTF-8.

## License

See the licensing conditions for every individual country in the table above, on the website of the provider.