

Education services in Europe

Version

0.9.1 (21/05/2021)

1.0.0 (03/07/2024) - Dataset Update for 2023

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).

Various data sources are available in Member States with different quality criteria: level of detail, timeliness, update frequency, etc. The adopted approach aims to progressively build pan-European datasets from Member States official data sources. Different data sources were selected with a priority on governmental sources such as Education Ministries or other official public organisations. Data is semantically harmonised with a common (simple) schema. Production relies on automated processes: Member State 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.
address	text	Address information when the different components of the address are not separated in the source
city	text	City name (Sometimes refers to a region or municipality).
cntr_id	text	Country code (2 letters, ISO 3166-1 alpha-2).

levels	text '-' delim	Education levels represented by a single integer or range. See ISCED 2011 guidelines for definitions. 0 – Early childhood education 1 – Primary education 2 – Lower secondary education 3 – Upper secondary education 4 – Post-secondary non-tertiary education 5 – Short-cycle tertiary education 6 – Bachelor’s or equivalent level 7 – Master’s or equivalent level 8 – Doctoral or equivalent level The allocation of levels is based on the analysis of the information contained in the given sources using the structure of European education systems
max_students	int	Measure of capacity by maximum number of students.
enrollment	int	Measure of capacity by number of enrolled students.
fields	text '-' delim	Academic disciplines that the institution specializes in, according to ISCED Fields of Education and Training 2013 (ISCED-F 2013) (mainly applies to tertiary institutions).
facility_type	text	Type of institution in reference to ownership and operation e.g. Catholic, International, etc.
public_private	text	The public or 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 reference date (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, 4: From source, -1: Unknown, -2 : Not geocoded
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	Version	Data source	Reference date	School year	Update frequency	License	URL (if applicable)
AT	2020	Statistics Austria	Unknown	2022 /2023	Unknown	Creative Commons Attribution 4.0 International (CC BY 4.0)	SchulAtlas (statistik.at)
	2023		(WFS : https://www.statistik.at/gs-atlas/ATLAS_SCHULE_WFS/ows?service=WFS&version=1.0.0&request=GetFeature&typeName=ATLAS_SCHULE_WFS:ATLAS_SCHULE&outputFormat=application%2Fjson&srsname=EPSG:3857&)				
BE	2020	Flanders: Ministry of Education and Training	Unknow 28/07/2020	2022 /2023	Unknown	Unknown	Primary: https://data-onderwijs.vlaanderen.be/onderwijsaanbod/bao/lijst
	2023	Wallonia: Open Data Wallonie-Bruxelles	Unknown				Annual
			Unknown	2022 /2023			https://www.odwb.be/explore/dataset/signaletique-fase/table/
BG	2020	Ministry of Education and Science of Bulgaria	2019		Unknown	Unknown	N/A
	2023						
CY	2020	Ministry of Education, Culture, Sports and Youth	28/01/2020		Unknown	Unknown	http://www.moec.gov.cy/en/
	2023		Spring 2024				
CZ	2020	Ministry of Education, Youth and Sports Ministerstvo školství, mládeže a tělovýchovy	19/10/2020		Unknown	Unknown	https://data.msmt.cz
	2023		Unknown (Download date : 25/09 /2023)				https://data.gov.cz/datov%C3%A1-sada?iri=https%3A%2F%2Fdata.gov.cz%2Fzdroj%2Fdatov%C3%A9-sady%2F00022985%2F63989c80e16fc31c77e23ab529c76b52
DK	2020	Ministry of Education	01/10/2019		Unknown	Unknown	N/A
	2023	Børne -og undervisningsministeriet Ministry of Children and Education	Unknown (Download date : 27/09 /2023)				https://statistik.uni-c.dk/instregudtraek/
DE	2020	See annex below	See annex below		See annex below	See annex below	See annex below
	2023	BundeSamt für Kartographie und Geodäsie	2020-2023				
EE	2020	Estonian Education Information System (EHIS)	15/09/2020		Annual	Unknown	https://www.hm.ee/ehis/statistilised_tabelid/koolide_kontaktid.xls
	2023						
EL	2020	Ministry of Culture, Education and Religious Affairs	17/08/2020		Unknown	Creative Commons Attribution 3.0	https://geodata.gov.gr/en/dataset/skholeia
	2023		17/08/2015				
ES	2020	Registro Estatal de Centros Docentes no Universitarios (RCD)	Unknown		Annual	Unknown	https://www.educacion.gob.es/centros/home.do
	2023		Unknown (Download date : 25/09 /2023)				

FI	2020	Statistics Finland	31/12/2020		Annual	http://tilastokeskus.fi/org/lainsaadanto/copyright_en.html	https://www.paikkatietohakemisto.fi/geonetwork/srv/eng/catalog.search#/metadata/6a8b4061-7a48-4667-bbdb-13952726c79f
	2023		31/12/2022				
FR	2020	Ministère de l'Éducation nationale et de la Jeunesse	01/12/2020		Continuous	Open license "Etalab" https://data.education.gouv.fr/pages/licence/	https://data.education.gouv.fr/explore/dataset/fr-en-annuaire-education/download/?format=csv&timezone=Europe/Berlin&lang=fr&use_labels_for_header=true&csv_separators=%3B
	2023		Primary 09/2023 Higher 25/10/2017	Primary and secondary https://data.education.gouv.fr/explore/dataset/fr-en-adresse-et-geolocalisation-etablissements-premier-et-second-degre/information Higher https://www.data.gouv.fr/fr/datasets/implantations-des-etablissements-denseignement-superieur-publics/			
HR	2020	Ministry of Science and Education	12/10/2017		Unknown	Creative Commons Attribution	Elementary: https://data.gov.hr/ckan/dataset/osnovne-skole/resource/osnovne-skole High School: https://data.gov.hr/ckan/dataset/srednje-skole
	2023		13/03/2023 30/03/2023				
HU	2020	Office of Education	07/04/2021		Periodically	Unknown	https://www.oktatas.hu/kozneveles/kozerdekuadatok "Működő köznevelési intézmények feladatellátási helyei (aktuális adatokkal)"
	2023		25/09/2023	https://dari.oktatas.hu/kirpub/index			
IE	2020	Department Of Education	2019		Annual	Creative Commons Attribution 4.0 International (CC BY 4.0)	https://www.education.ie/en/Publications/Statistics/Data-on-Individual-Schools/primary/ https://www.education.ie/en/Publications/Statistics/Data-on-Individual-Schools/post-primary/
	2023		03/07/2023	2022 /2023			Primary : https://www.gov.ie/en/collection/primary-schools/
IT	2020	Ministry of Education, University and Research	22/06/2020		Annual		
	2023		01/09/2023	2023 /2024			
LT	2020	Open Information, Counselling and Guidance System (AIKOS)	Unknown		Daily	Unknown	https://www.aikos.smm.lt/en/StudyProgramm/EducationProviders/SitePages/Home.aspx?ss=556b0e0b-ae08-4844-895c-6eacce6a1cb7
	2023		30/08/2022	Unknown			Unknown
LU	2020	Ministre de l'Éducation nationale, de l'Enfance et de la Jeunesse	01/12/2020		Continuous	Unknown	Primary: https://www.script.lu/fr/activites?field_divisions_target_id=5 Secondary and tertiary: https://ssl.education.lu/menschoul/
	2023		28/03/2023	Unknown			Unknown
LV	2020	Ministry of Education and Science	15/11/2020		Unknown	Unknown	
	2023		15/11/2020	Unknown			Unknown

MT	2020	Ministry of Education National Commission for Further and Higher Education Malta	Unknown 21/12/2020		Unknown Unknown	Unknown Unknown	https://education.gov.mt/en/education/quality-assurance/Pages/Non-State-Schools-List.aspx https://ncfhe.gov.mt/en/register/Pages/register.aspx
	2023						
NL	2020	Ministry of Education, Culture and Science	02/2020		Monthly	No License	Primary: https://www.duo.nl/open_onderwijsdata/databestanden/po/adressen/adressen-po-3.jsp Secondary: https://www.duo.nl/open_onderwijsdata/databestanden/vo/adressen/adressen-vo-2.jsp N.r of students / establishment: https://www.duo.nl/open_onderwijsdata/databestanden/po/leerlingen-po/po-totaal/leerlingen-po-7.jsp
	2023		01/09/2023		Monthly	No License	https://www.duo.nl/open_onderwijsdata/
PL	2020	Ministry of Education	01/12/2020		Annual	Unknown	https://rspo.men.gov.pl/
	2023		Download date : 27/09/2023				
PT	2020	Instituto de Gestão Financeira da Educação	Unknown		Unknown	Unknown	http://www.igefe.mec.pt/PesquisaRede
	2023		Download date : 20/11/2023				https://www.gesedu.pt/PesquisaRede
RO	2020	Ministry of Education	10/2017		Unknown	OGL-ROU-1.0	https://data.gov.ro/en/dataset/reteaua-scolara-a-unitatilor-de-invatamant-2017-2018/resource/bb55eadb-f078-48ccb460-c96691ca3af2
	2023		17/07/2023	2022/2023			https://data.gov.ro/en/dataset/reteaua-scolara-2022-2023/resource/49b9a5d3-361d-48c7-92b0-19b6288adc1f
SE	2020	Statistics Sweden (published by Skolverket)	26/03/2021		Monthly	Creative Commons Attribution 4.0 International (CC-BY 4.0)	https://www.skolverket.se/skolutveckling/statistik/skoladresser-fran-skolenhetsregistret
	2023		27/09/2023				
SI	2020	Ministry of Education, Science and Sport	06/11/2020		Annual	Unknown	https://paka3.mss.edus.si/registriweb/default.aspx
			Unknown		Unknown	Unknown	https://pxweb.stat.si/sistat/en/Podrocja/Index/192/education
	2023		Download date 27/09/2023		Annual	Unknown	https://paka3.mss.edus.si/registriweb/default.aspx
SK	2020	Ministry of Education, Science, Research and Sports	03/11/2020		Periodically	Unknown	https://crinfo.iedu.sk/RISPortal/register/
	2023		27/09/2023				
AL							
CH							
IS							
LI							

ME							
MK							
NO		Geonorge	06/12/2017		Unknown	Norsk lisens for offentlige data (NLOD)	https://kartkatalog.geonorge.no/metadata/skoler-wfs/8e1765d3-6ec0-4745-8ff5-4aaa51fb9f2f

Update Frequency

The dataset is updated regularly as data coverage improves. It is planned to update it every three years.

Download service

Eurostat website download page: <https://ec.europa.eu/eurostat/web/gisco/geodata/basic-services#Education>

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

API: https://gisco-services.ec.europa.eu/pub/education/<year>/<format>/<geo_code>.<format> where **year** is year of the version on 4 digit, **format** is the encoding format among {'csv', 'geojson', 'gpkg'} and **geo_code** is the 2 letters country code, or 'EU' 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.

Quality assurance

On a random sample from 396 education points, 7% presents a position error of more than 500m and 3.5% presents a position error greater than 1500m