



Longitudinal Data
For **IN**equalities
In **E**ducation

LINEUP EDUCATION DATA EXPLORER USER GUIDELINES



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Overview

The LINEup Education Data Explorer allows users to locate, explore and compare longitudinal education datasets across Europe through an interactive map and list interface. This guide explains how to navigate the platform, use the search and filtering system, explore dataset information, and submit feedback. The Explorer is designed to support both educational stakeholders who need clear information on and easy access to existing data infrastructures and researchers who require detailed metadata for analytical purposes.

Getting Started: Accessing the Interface

Open your browser and go to: <https://www.lineup-project.eu/map/>

You will see the title "LINEup Education Data Explorer – An Open-Source Map to Longitudinal Datasets in Europe".

The main interface shows by default the Map View: each pin represents a country and shows the number of datasets available in each country. To switch to the List View, click **LIST VIEW** in the top-right corner.

On the left, the **HELP US IMPROVE** button allows you to send feedback.

On the right, you find the "Main filters" panel and the search bar.

Quick Guide - How to Use the LINEup Education Data Explorer

Use the Explorer in three simple steps:

1. Choose how you want to explore the data

- **Map View (default):** shows pins indicating the number of longitudinal datasets available in each country.
- **List View:** shows all datasets in a sortable list with titles, acronyms, and short descriptions.

Switch views using the button in the top-right corner.

2. Search or filter datasets

You can explore datasets in two ways:

- **Search bar:** type keywords related to datasets name, acronym, country of interest and press Enter.
- **Filters:** use the Main, Advanced or Variables filters to narrow down results (e.g., "Longitudinal structure", "Grade levels", "Skills analysed").

After selecting filters, click **SEARCH** to update results.

3. Open a dataset and navigate the information

Click on a dataset to view:

- **Level 1 – Basic overview** (name, purpose, years, structure, sample level)
- **Level 2 – Detailed information** (grades, skills, sample, accessibility, linkability)
- **Level 3 – Variables available** (student, household, teacher, and school-level information)

Use **BACK** to move between levels or **POPOUT** to open the full dataset page in a new tab.

Navigation: Map vs List view

List View: Displays all dataset entries by country, showing dataset title, acronym, and short description. Best used to visualize information by country.

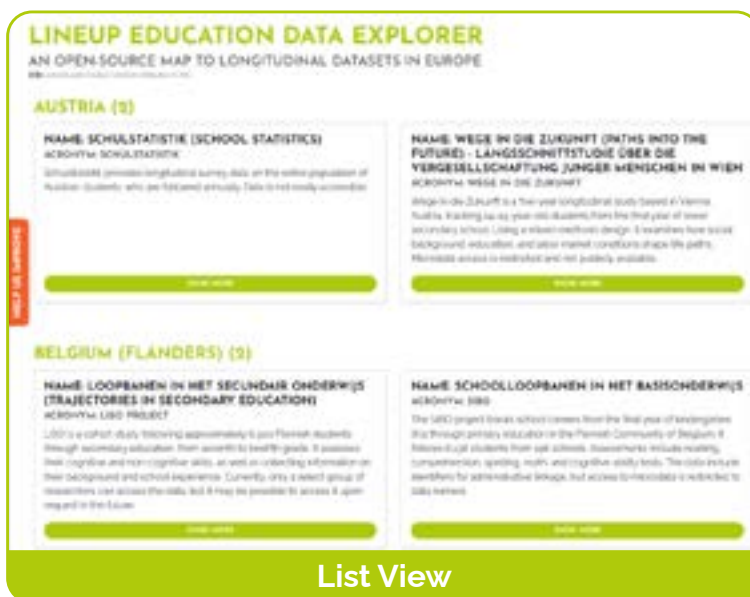
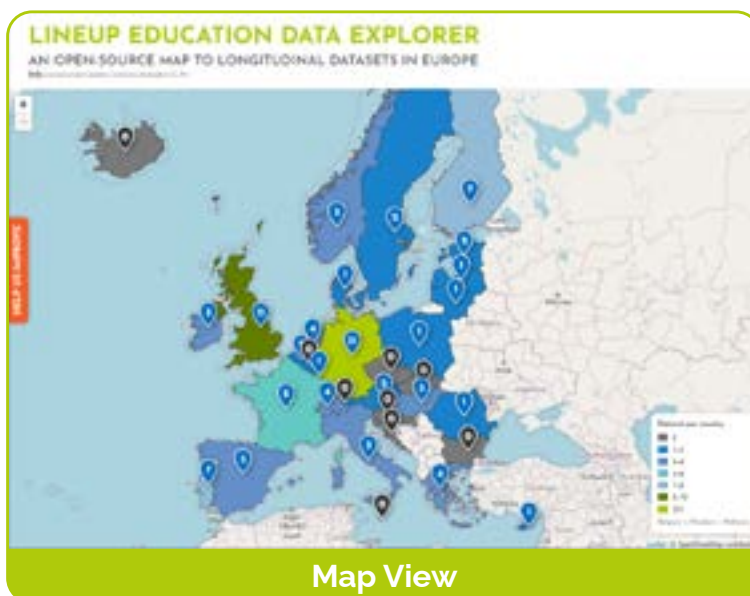
Map View: shows a visual map of Europe with country markers indicating the number of datasets available. You can zoom in/out, pan across the map, and click on labels to open dataset details. Best used to visualize information for comparing countries.

When to use each view

Switch between Map View and List View depending on your needs:

- **Map View** is useful for a geographical overview of datasets' distribution across Europe.
- **List View** is useful for browsing or searching datasets in a more structured way.

Both views display the **same level of information**, only the navigation mode changes.



Navigation: Information Available

From both the Map or List-view, you can access information about each dataset by clicking on the **SHOW MORE** button. The Explorer provides **three levels of information**, described below:

Level 1: Includes a basic overview of the dataset, visible in the "Dataset details" card. It includes:

- Name
- Acronym
- Short description
- Responsible organization(s)
- Longitudinal data structure
- Purpose of data collection
- Data collection focus
- Data collection frequency
- Starting year
- Ending year
- Sample level

The screenshot shows a card titled "DATASET DETAILS" with a "BACK" button in the top left and a close button in the top right. The card contains the following information:

- Name:** Administrative Register Data
- Acronym:** N/A
- Short description:** Statistics Denmark collects annual administrative data covering the entire student population across all educational levels and subjects. The dataset includes student flows, attainment, and mobility supporting both official statistics and register-based research. Data access is limited to researchers based in Denmark or to institutions with an established formal collaboration with a Danish partner. A formal request alone is not sufficient to gain access.
- Responsible Organization(s):** Public Authority
- Longitudinal Data Structure:** Repeated cross-section Data
- Type of Longitudinal Data:** Administrative Data
- Purpose of Data Collection:** Educational Institutions Monitoring/Evaluation
- Data Collection Focus:** School Education
- Data Collection Frequency:** Yearly (or more than once per year)
- Starting Year:** not clear
- Ending Year:** ongoing
- Sample Level:** National

At the bottom of the card, there are three buttons: "POPOUT", "SHOW DETAILED INFORMATION", and "SHOW DATASET VARIABLES".

Level 2: Click on **SHOW DETAILED INFORMATION** button to access more specific metadata. Information is grouped into five groups, that contain different types of information. By clicking on the group, different information appears on the screen:

- School grades
 - ECEC
 - Included grades
 - Students followed after school education
- Students' skills, competences and achievements
 - Skills and competences analyzed
 - Measurement types
 - Administration methods
- Sample
 - Sample types
 - Average sample size x Wave
 - Sample units
- Linkability
 - Linkability
 - Details
- Accessibility
 - Access to microdata
 - Constraints
 - Website

The first screenshot shows the "DETAILED INFORMATION" screen with five expandable sections: "School Grades", "Students' Skills and Achievement", "Sample", "Linkability", and "Accessibility".

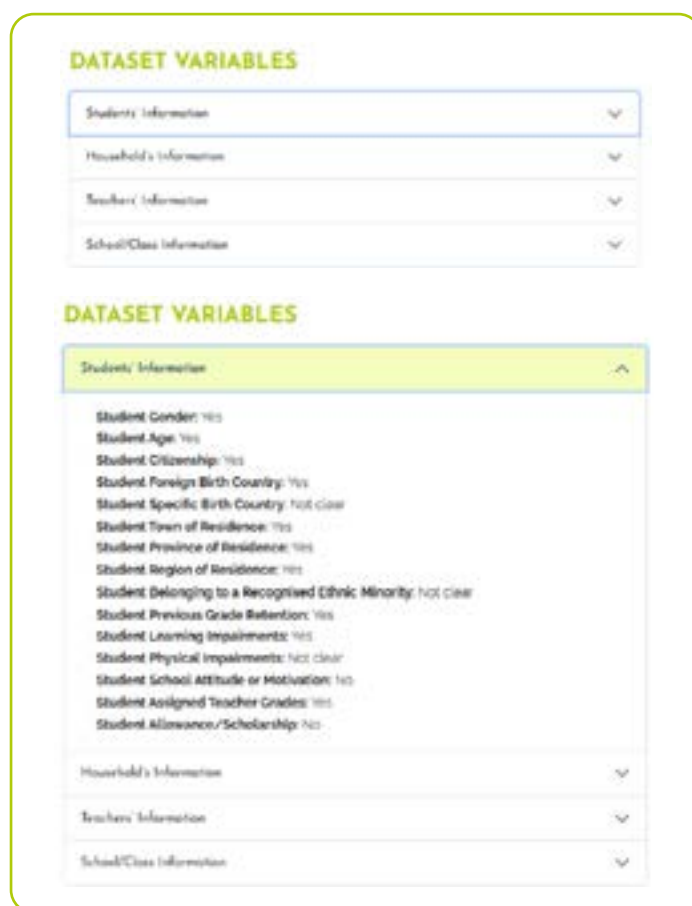
The second screenshot shows the same screen with the "School Grades" section expanded, displaying the following information:

- ECEC:** Yes
- Included Grades:**
 - First Grade
 - Second Grade
 - Third Grade
 - Fourth Grade
 - Fifth Grade
 - Sixth Grade
 - Seventh Grade
 - Eighth Grade
 - Ninth Grade
 - Tenth Grade
 - Eleventh Grade
- Students followed after school education:** Yes

Below the expanded section, the other sections ("Students' Skills and Achievement", "Sample", "Linkability", and "Accessibility") are collapsed.

Level 3: Click on **SHOW DETAILED INFORMATION** button to view the variables available in a dataset. Information is grouped into four groups, that contain different types of information. By clicking on the group, different information appears on the screen:

- Students' information
 - Student gender
 - Student age
 - Student citizenship
 - Student foreign birth country
 - Student specific birth country
 - Student town of residence
 - Student province of residence
 - Student region of residence
 - Student belonging to a recognized ethnic minority
 - Student previous grade retention
 - Student learning impairments
 - Student physical impairments
 - Student school attitude or motivation
 - Student assigned teacher grades
 - Student allowance/scholarship
- Household information
 - Number of parents
 - Presence of stepparents
 - Siblings
 - Parental working status
 - Parental occupation
 - Parental education
 - Parental education level (ISCED)
 - Parental migratory background
 - Parents age
 - Parents place of birth
 - Parental income or wealth
 - Parental host country's language proficiency
 - Number of books
 - Number of digital devices
 - Ownership of the apartment/house
- Teachers' information
 - Teacher age
 - Teacher gender
 - Teacher seniority
 - Teacher educational degree
 - Teacher contract type
- School/class information
 - School geo-referencing
 - School size
 - Class size
 - School composition
 - Class composition



Notes:

- Click the closing button (X) to return to the main screen or **BACK** to move to the previous level.
- You can collapse level 2 by clicking **COLLAPSE DETAILED INFORMATION** or collapse level 3 information by clicking **COLLAPSE DATASET VARIABLES**.
- Click the **POPOUT** blue button to open the full datasets record in a new browser tab.



Searching and Filtering Datasets

Search bar

At the top of the interface, the SEARCH AMONG 103 DATASETS allows to search by keywords such as country name, dataset name, acronym, and short description. Note that searching for variable name does not allow for results so it is suggested to use filters together (see below).

Press "Enter" or click the SEARCH icon to apply the search.

To reset the search, use CLEAR ALL FILTERS button next to the search box.

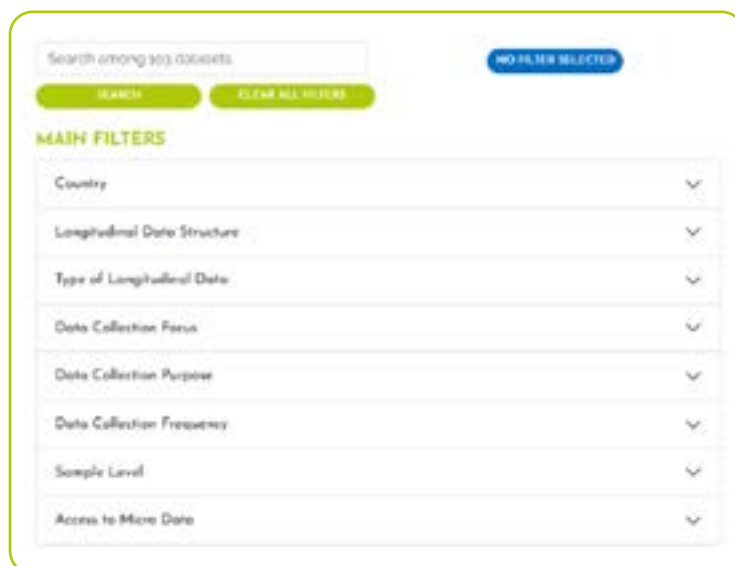
All datasets containing the keywords will appear on the screen as datasets cards.

Filters

Below the search bar you will find filter controls. According to the interface, they include:

Main filters: these are the primary filters to narrow down datasets, and they are always visible on the right of the screen. They allow you to filter datasets by:

- Country
- Longitudinal data structure
- Type of longitudinal data
- Data collection focus
- Data collection purpose
- Data collection frequency
- Sample level
- Access to microdata

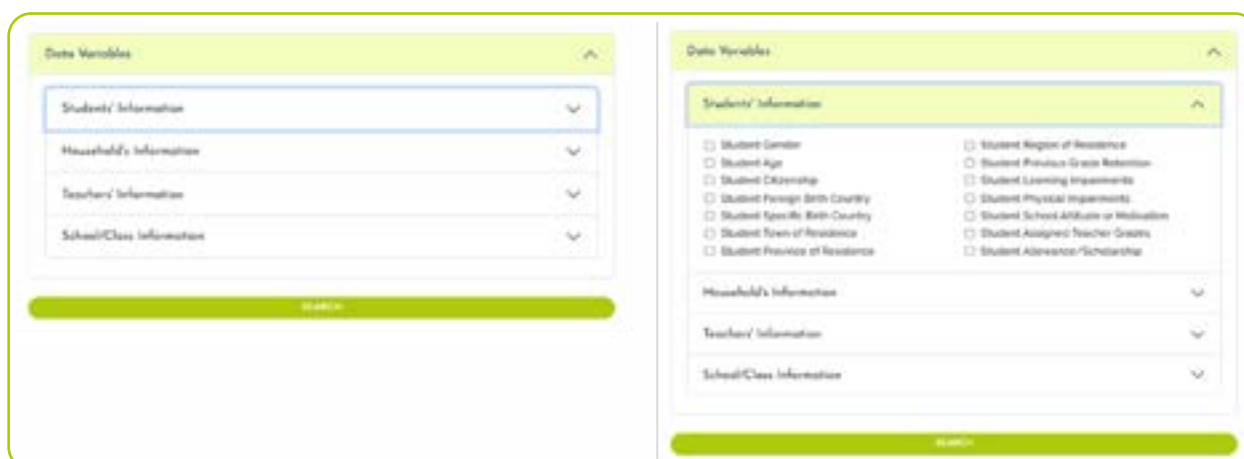


Advanced filters: For more specific criteria

- School grades included
- Type of skills analysed
- Measure type
- Sample type
- Sample unit

Data variables: additional filters that allow to search by variables available in the dataset(s):

- Students' information
- Teachers' information
- Household's information
- School/class information



How to apply filters:

- Click on a category (main, advanced or data variables).
- Choose one or more criteria.
- The list or map view will refresh, showing only the dataset entries that match all selected criteria.
- To remove a filter, click the "X" (close) icon next to the filter name, or click **CLEAR ALL FILTERS** to reset. Once you deselect a filter, click the **SEARCH** button to refresh the search, since the refresh is not automatic.

Combining search + filters

- ▶ Type "reading scores" in the search box and then apply a country filter. This will refine results to those matching both. If your filters return no datasets, try broadening them (e.g., remove one filter or widen the time period).

Giving Feedback / Reporting Issues

- A **HELP US IMPROVE** is always visible in the page header.
- Through the button, you can: 1) suggest a new longitudinal dataset, 2) flag outdated or inaccurate information, 3) provide feedback to improve functionality or usability, 4) ask questions or request specific content.
- ▶ In your feedback, please include dataset name, what issue you found (e.g., wrong year range, missing variables), and your suggested correction (if known). **Note:** be as precise as possible when providing feedback. This will help the Explorer providers to tackle the issue effectively.
- Alternatively, it is possible to contact email info@lineup-project.eu if you wish to send feedback.

Tips and Best Practices

- **Start broad**, then narrow. Begin with minimal filters (for example choose a country only), then add additional filters as you refine your interest.
- **Use meaningful search keywords:** include keywords such as country name, dataset name, acronym, and short description.
- **Combine map and list views:** The map gives a spatial overview (which countries/datasets are available); the list gives detailed metadata. Switching between them may help.
- **Check metadata carefully:** Especially years covered, sample size, variables included. Some datasets may only cover limited cohorts or time-points.
- **Use the contact/feedback option** if you find datasets missing or outdated — the tool will partially rely on user feedback to stay current and updated.
- **Check for data access conditions:** Some datasets may require registration, application, or may have restrictions.

Troubleshooting common issues

- **No datasets appear after applying filters** → Try clearing some filters or expand your criteria (e.g., period covered, dataset type or variable type). It may also be the case that no included datasets correspond to your selected filters.
- **Map markers overlap/cluttered view** → Zoom in or out, pan the map, or switch to list view.
- **Clicking a dataset doesn't open details** → Check your browser pop-up settings, try refreshing the page, or switch to list view.
- **Metadata appears incorrect or incomplete** → Use the feedback link/contact email to report the issue.
- **I can't download/access the data** → You cannot download datasets from the website. For open-access or limited-access datasets, check the dataset detail page for access instructions (under the accessibility website information); if still unclear, contact the dataset owner (the institution listed) or send feedback to the project email.