



KY SPECIAL EDUCATION CHILD COUNT OVERVIEW

Technical Notes

The KY Special Education Child Count Overview Dashboard is produced by the Kentucky Center for Statistics (KYSTATS) utilizing data from the Kentucky Department of Education (KDE) that has been de-identified. Data sources leveraged for this report include data from KDE's Office of Special Education and Early Learning (OSEEL).

Occasionally, data from one source will not conform to data from another source because of differences in student cohorts, how variables are defined, how variables are calculated, the treatment of missing data, and other factors. This means that data published in this report may not be comparable to data published in other reports. For specific details about metric formulas, please refer to Appendix A. Some values are redacted to preserve individual privacy and conform to state laws. Redaction rules can be found in Appendix B.

The data used in this report are federally mandated by section 618 of the Individuals with Disabilities Education Act (IDEA).¹ Part B of IDEA funds special education for children ages three through 21. Part C funds states' early intervention services for children from birth through age two.²

The KY Special Education Child Count Dashboard is presented in four parts as a dynamic tool for school years 2018/19 through 2024/25. First, it gives a statewide overview of demographic characteristics of students with Individualized Education Programs (IEPs) for the most recent three school years. Secondly, it displays heat maps of the distribution of students with IEPs across Special Education Co-ops (SERTACs), Regional Training Centers (ECRTC), and school districts. Thirdly, the dashboard allows comparison of demographic characteristics of students with IEPs across different geographies. Finally, the dashboard lets users interact with historical trend charts for students with IEPs by primary disability type and demographic characteristics.

1 U.S. Department of Education. About IDEA. Retrieved from <https://sites.ed.gov/idea/about-idea/>.

2 U.S. Department of Education. IDEA Section 618 Data Products: State Level Data Files. Retrieved from <https://www2.ed.gov/programs/osepidea/618-data/state-level-data-files/index.html#part-c-menu>.

Questions this report is answering are:

1. How has the number of students with IEPs changed since the 2018/19 school year?
2. What are the demographic criteria of students with IEPs?
3. What is the distribution of students with IEPs across SERTACs, ECRTCs, and school districts?

The Kentucky Special Education Child Count Overview is divided in to four dashboards:

1. Statewide overview of students with IEPs
2. Distribution of students with IEPs across SERTACs, ECRTCs, and school districts
3. Comparison tool
4. Historical trend

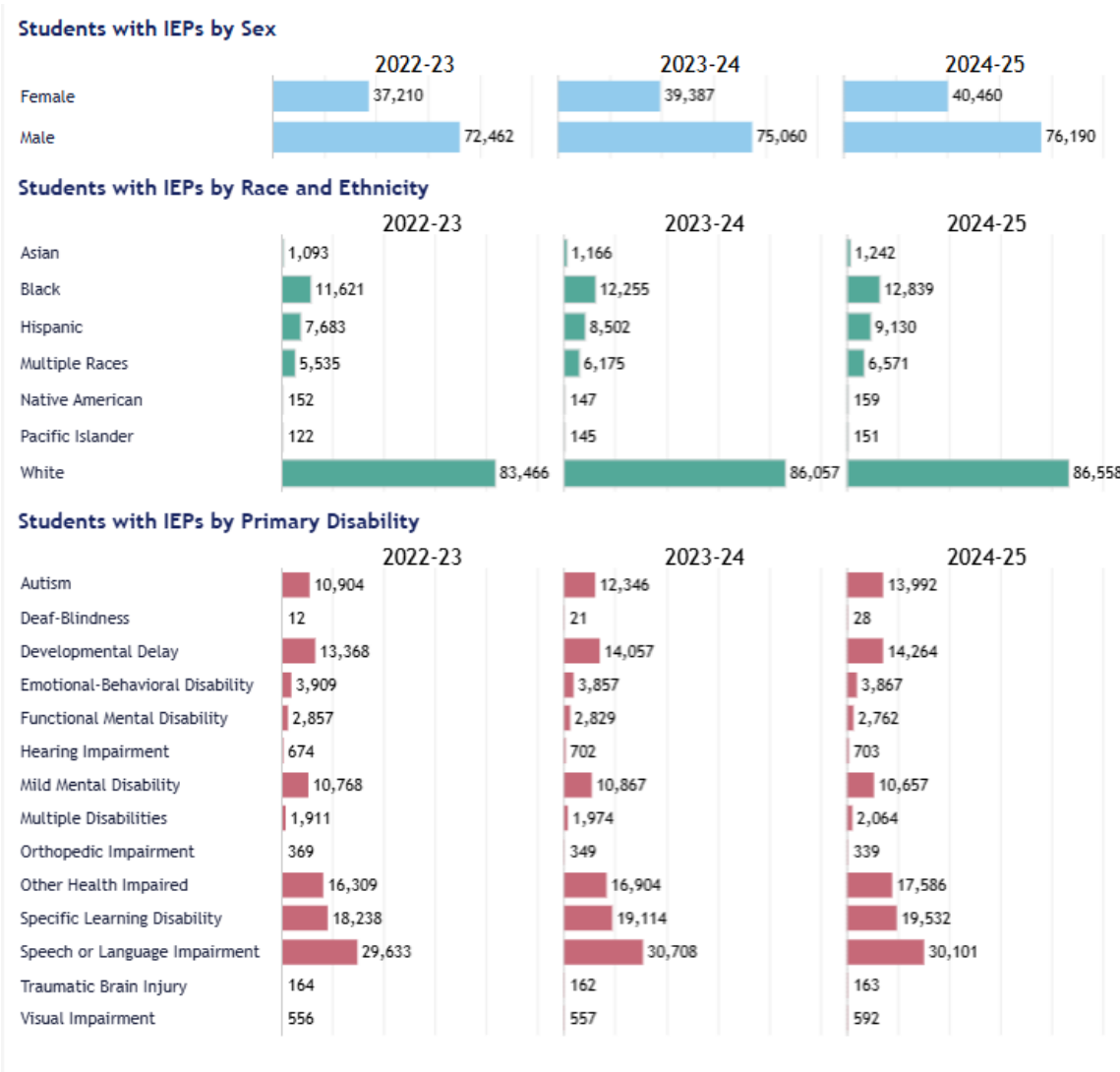
Dashboard 1: Statewide Overview

This dashboard provides a statewide overview of all students with IEPs across the past three academic years. The first section displays the count and percentage of students with IEPs across the state, enrolled as of December 1st of the current academic year displayed.

State Total of IEP Counts by Year

	2022-23	2023-24	2024-25
State Total	109,672 (17%)	114,447 (17%)	116,650 (18%)

The next three sections provide an overview of demographic characteristics of students with IEPs. The dashboard shows the count of students with IEPs by gender, race and ethnicity, and primary disability type. The tooltips show the percentage of IEP students by gender, race and ethnicity, and primary disability type.



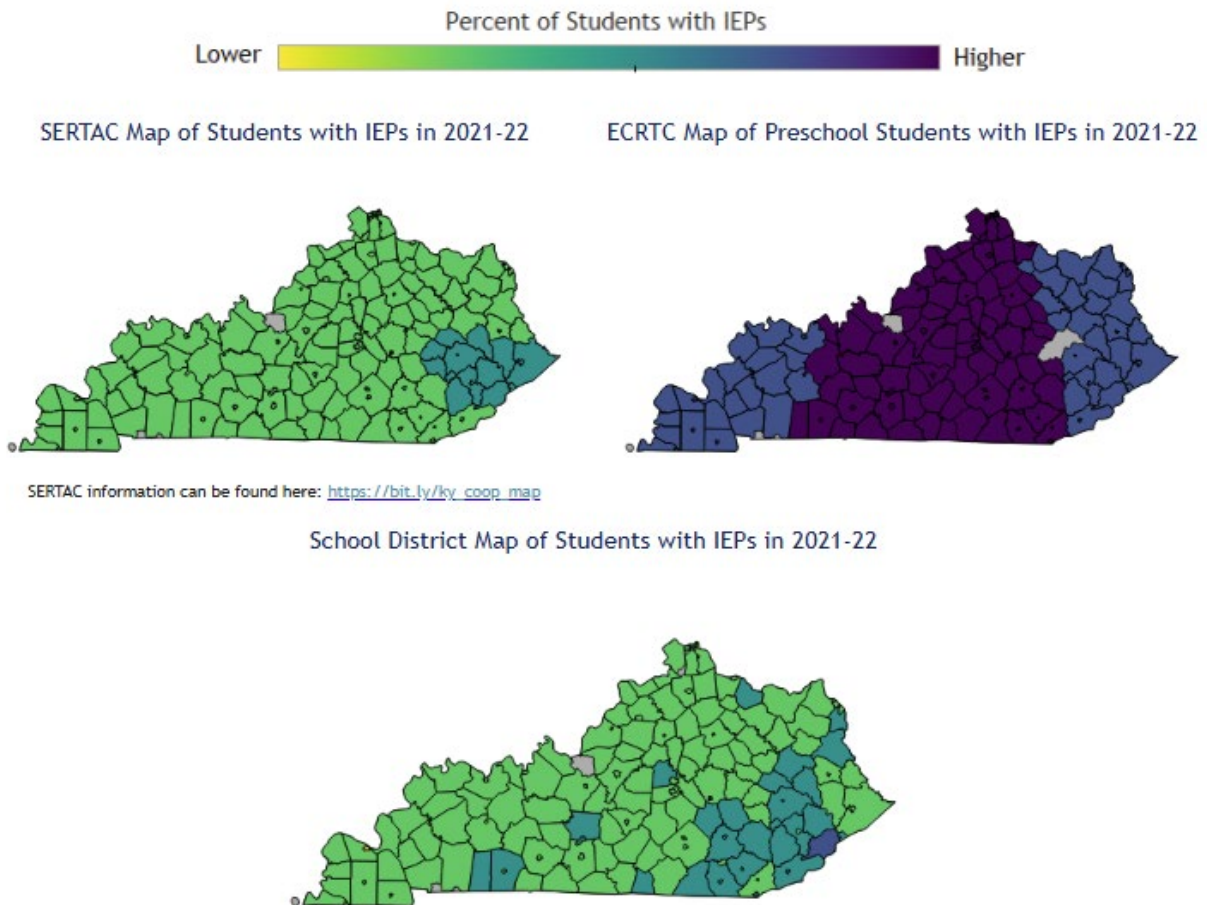
Dashboard 2: IEP Distribution Maps

This is a dynamic dashboard that lets users filter by school years from 2021-22 to the most recent academic year.

Select a School Year

2024-25

This dashboard visualizes the distribution of the percentage of students that were identified with an IEP across SERTACs and school districts. The ECRTC map shows the percentage of preschools identified with an IEP. The scale ranges from yellow to purple. Yellow being a lower percentage of students identified with an IEP and purple being a higher percentage of students identified with an IEP.



Dashboard 3: Comparison Tool

The comparison tool is password protected. With the password provided for your geography, users can view unredacted counts/percentages of students with an IEP by demographic category.

To view this dashboard enter password for your geography:

To compare the characteristics of students with an IEP, users can select multiple geographies and filter the dashboard by school year, demographic category, and demographic subgroup.

Select a Geography Type: Select Geographies to Compare:

Select a School Year: Select a Demographic Category: Select a Demographic Subgroup:

Information in this dashboard are presented in two ways. First, as a bar graph and second, as a table. Both of these presentations display the percentage and count of students with IEPs by primary disability type for the selected demographic category and demographic subgroup.



Number of Students with IEPs by Disability and Selected Demographic and Geographic Categories

Disability Label	Geography Name	Percent Value						
		0%	5%	10%	15%	20%	25%	30%
Autism	Kentucky							10,904 (9.9%)
Deaf-Blindness	Kentucky	12 (0.0%)						
Developmental Delay	Kentucky							13,368 (12.2%)
Emotional-Behavioral Disability	Kentucky		3,909 (3.6%)					
Functional Mental Disability	Kentucky		2,857 (2.6%)					
Hearing Impairment	Kentucky	674 (0.6%)						
Mild Mental Disability	Kentucky							10,768 (9.8%)
Multiple Disabilities	Kentucky		1,911 (1.7%)					
Orthopedic Impairment	Kentucky	369 (0.3%)						
Other Health Impaired	Kentucky							16,309 (14.9%)
Specific Learning Disability	Kentucky							18,238 (16.6%)
Speech or Language Impairment	Kentucky							29,633 (27.0%)
Traumatic Brain Injury	Kentucky	164 (0.1%)						
Visual Impairment	Kentucky	556 (0.5%)						

* indicates redacted data. **** indicates there were no students with IEPs in this group.

Percent of Students with IEPs by Disability and Selected Demographic and Geographic Categories

Geography Name	Autism	Deaf-Blindness	Developmental Delay	Emotional-Behavioral Disability	Functional Mental Disability	Hearing Impairment	Mild Mental Disability	Multiple Disabilities	Orthopedic Impairment	Other Health Impaired	Specific Learning Disability	Speech or Language Impairment	Traumatic Brain Injury	Visual Impairment
Kentucky	9.9%	0.0%	12.2%	3.6%	2.6%	0.6%	9.8%	1.7%	0.3%	14.9%	16.6%	27.0%	0.1%	0.5%

* indicates redacted data. **** indicates there were no students with IEPs in this group.

Dashboard 4: Historical Trend

This dashboard is password protected. Only those with passwords for their SERTAC, ECRTC, or school district can interact with the dashboard to view the trend in students with IEPs by primary disability type and demographic category. Data for academic years 2018/19 through current year are available.

To view this dashboard enter password for your geography:		<input type="text"/>
Select a Geography Type	Geography Name	
State	Kentucky	
Select a Disability Type	Select a Demographic Category	
(All students with IEPs)	(None)	

APPENDIX A: METRIC FORMULAS

Data Sources

Kentucky Department of Education (KDE): KDE provides statistics and pertinent facts about schools and education in Kentucky including racial breakdowns, attendance, and graduation rates. KDE provides information on public PK-12 teachers and students. Data included are from the Office of Special Education and Early Learning (OSEEL) and their State Performance Plan (SPP) and Annual Performance Report (APR). More information about public reporting of IDEA Part B Data can be found on OSEEL's website here: [OSEEL Communication and Resources - Kentucky Department of Education](#)

The data for the child count dashboard comes from federal files FS002: Children with Disabilities (IDEA) School Age and FS089: Children with Disabilities (IDEA) Early Childhood. The data for these files are a snapshot of students who have IEPs on Dec. 1 of each year. These data are gathered through Kentucky's Statewide Student Information System, otherwise known as Infinite Campus (IC).

Data Definition:

IEP Counts: Number of students identified with an IEP as of December 1st of the school year.

All students enrollment: Number of students enrolled in Kentucky public schools as of December 1st of the current school year.

Data Elements:

Dashboard 1: Statewide

State total of IEP counts by year: This shows the total number of students identified with an Individualized Education Plan (IEP) at the state level. Within parenthesis the percentage of students identified with an IEP are displayed. All students enrolled in Kentucky public schools were used to calculate the percentage.

Percentage of students with IEP

$$= \frac{\text{Number of students at the state level identified with IEP as at December 1st of the school year}}{\text{Number students at the state level enrolled on December 1st of the current school year}}$$

Students with IEPs by gender chart: This is a bar graph shows the students with an IEP by gender. The tooltips show the percentage of students with IEPs reported as Female and Male.

Percentage of students with IEP by gender

$$= \frac{\text{Number of students identified with IEP by gender}}{\text{Number of students identified with IEP on December 1st of the school year}}$$

Students with IEPs by race and ethnicity chart: This bar graph displays the students with an IEP by race and ethnicity categories. The tooltips show the percentage of students with IEPs reported as Asian, Black, Hispanic, Multiple Races, Native America, Pacific Islander, and White.

$$\text{Percentage of students with IEP by gender} = \frac{\text{Number of students identified with IEP by race}}{\text{Number of students identified with IEP on December 1st of the current school year}}$$

Students with IEPs by primary disability type chart: This bar graph shows the students with an IEP by primary disability type. The tooltips show the percentage of students with IEPs reported as students with Autism, Deaf-Blindness, Developmental Delay, Emotional-Behavioral Disability, Functional Mental Disability, Hearing Impairment, Mild Mental Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impaired, Specific Learning Disability, Speech or Language Disability, Speech or Language Impairment, Traumatic Brain Injury, and Visual Impairment.

$$\text{Percentage of students with IEP by gender} = \frac{\text{Number of students identified with IEP by race}}{\text{Number of students identified with IEP on December 1st of the current school year}}$$

Dashboard 2: IEP Distribution Maps

Three maps show the distribution of students identified with an IEP as of December 1st of the school year by geography type (SERTAC, ECRTC, and School District). The tooltips show the number of students and the percentage of all students identified with an IEP.

$$\text{Percentage of students with IEP by geography} = \frac{\text{Number of students by each geography identified with IEP as at December 1st of the school year}}{\text{Number students in the geographic area enrolled on December 1st of the current school year}}$$

Dashboard 3: Comparison Tool

The first section of this dashboard shows a highlighted table of the percentage of students identified with a primary disability type by student demographic characteristic. The bottom section shows a bar graph of the number of students identified with a disability type (Autism, Deaf-Blindness, Developmental Delay, Emotional-Behavioral Disability, Functional Mental Disability, Hearing Impairment, Mild Mental Disability, Multiple Disabilities, Orthopedic Impairment, Other Health Impaired, Specific Learning Disability, Speech or Language Disability, Speech or Language Impairment, Traumatic Brain Injury, and Visual Impairment) by demographic category (English proficiency, Gender, Grade, Preschool Placement, Race and

Ethnicity, and School Age Placement). Each of these demographic categories are then divided into subgroups

$$\begin{aligned} & \text{Percentage of students identified by primary disability type and demographic characteristic} \\ & = \frac{\text{Number of students by disability type and demographic subgroup}}{\text{Total number of students with IEP by demographic subgroup}} \end{aligned}$$

Dashboard 4: Historical

This dashboard shows the historical trend in students with IEPs by primary disability type and the demographic characteristics of students with IEP for each SERTAC, ECRTC, and school district.

Percentage change in students with IEPs by primary disability type: The line graph shows the year over year increase or decrease of students with IEPs by their primary disability type.

$$\begin{aligned} & \text{Percentage change in students with IEP by primary disability type} \\ & = \frac{\text{Number of students with IEP by primary disability type in year}_t - \text{Number of students with IEP by primary disability type in year}_{t-1}}{\text{Number of students with IEP by primary disability type in year}_{t-1}} \end{aligned}$$

APPENDIX B: REDACTION RULES

Redaction Rules

KYSTATS follows strict redaction and suppression guidelines to ensure the privacy of all individuals. The following rules were applied to the Kentucky Special Education Child Count Overview Dashboard report to redact or mask some of the data based on the small cell-size counts that could be used to identify individuals. In general, categories must have a base denominator of 10 to be present in the report. The sum of all redacted values in a group or groups must be at least 10 as well. More specifically, KYSTATS redacts all values between 1 and 9 and those where the values can be determined by calculations. (For example, by figuring out a value between 1 and 9 by subtracting unredacted from total - If two categories are exhaustive (ex: males and females) and either group has less than 10 students, both groups are redacted.)

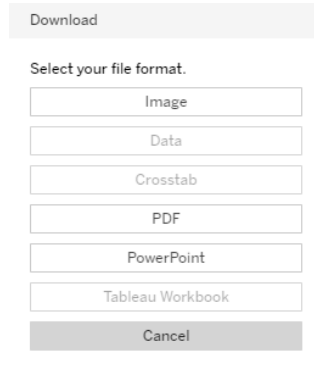
All rules apply at the school, district, and state levels. All graphs include data already presented in the report unless otherwise noted. If these data are redacted in the report, they are also redacted in any accompanying charts and graphs.

APPENDIX C: PRINTING

Printing - Download a dashboard to PDF



1. Click Download
2. On the Download screen - click PDF

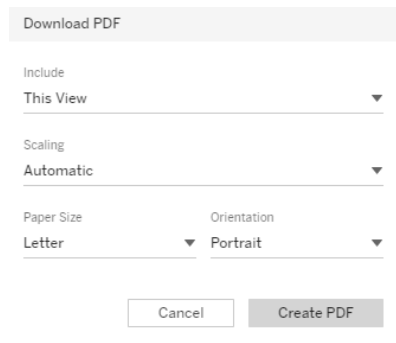


3. On the Download PDF screen. Set what you want to include, the scaling paper size, and orientation, **then click create PDF.**

This View under Include, prints the current page.

Specific sheets from this dashboard (the displayed page) allows you to select specific sheets.

Specific sheets from this workbook (select from all dashboards) allows you to select specific workbooks.



4. Once your PDF has been generated. Click **Download.**

