



Kentucky Department of  
**E D U C A T I O N**

# Infinite Campus Data Analysis Portal

## User Guide

Technology by [Computer Information Concepts \(CIC\)](#)



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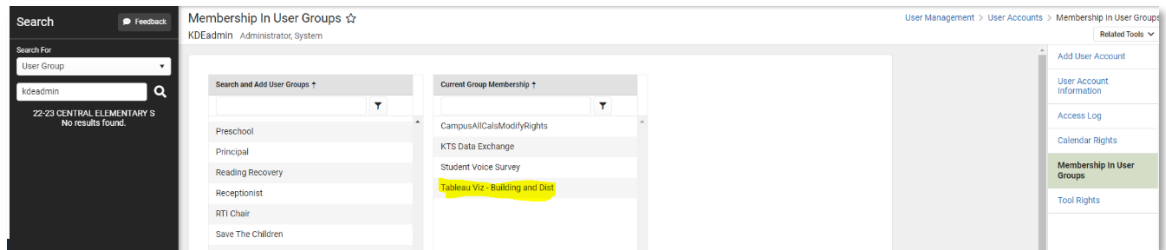
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## Granting Access to Users

In order to determine who in your school district will have access to the KDE Data Analysis Portal in Infinite Campus, place users in the “Tableau Viz – Building and Dist” user group in Infinite Campus. To do so, complete the following steps:

1. In Infinite Campus, search for User Group and the name of your user to be assigned rights to KDE’s Data Visualization. Select Membership in User Groups and select the Tableau Viz – Building and Dist user group. Click Save.



2. Any user added to the “Tableau Viz – Building and Dist” user group in Infinite Campus will be required to have their school district email address saved in the primary address field. Without the district email saved as the primary email address, the user will not be able to access the Infinite Campus Data Analysis Portal.

The screenshot shows the 'Personal Contact Information' form. It has a 'Contact Information' section with a 'Private' checkbox. Below this are two rows for email addresses. The first row has 'Email: administrator@knox.kyschools.us' and a checkbox. The second row has 'Secondary Email: [input field]' and a checkbox. To the right of the email fields is a table for 'Messenger Preferences Contact Reasons' with columns: Emergency, Attendance, Behavior Messenger, General, Priority, and Teacher. Each column has a checkbox.

Contact Information		Messenger Preferences Contact Reasons					
	Private	Emergency	Attendance	Behavior Messenger	General	Priority	Teacher
Email: administrator@knox.kyschools.us	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Email: [input field]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Please note that changes made to the Tableau Viz – Building and Dist user group, including the addition of or removal of users to the group, will take effect after the nightly data refresh. That is, users added will not have access to the Tableau website until the following day.

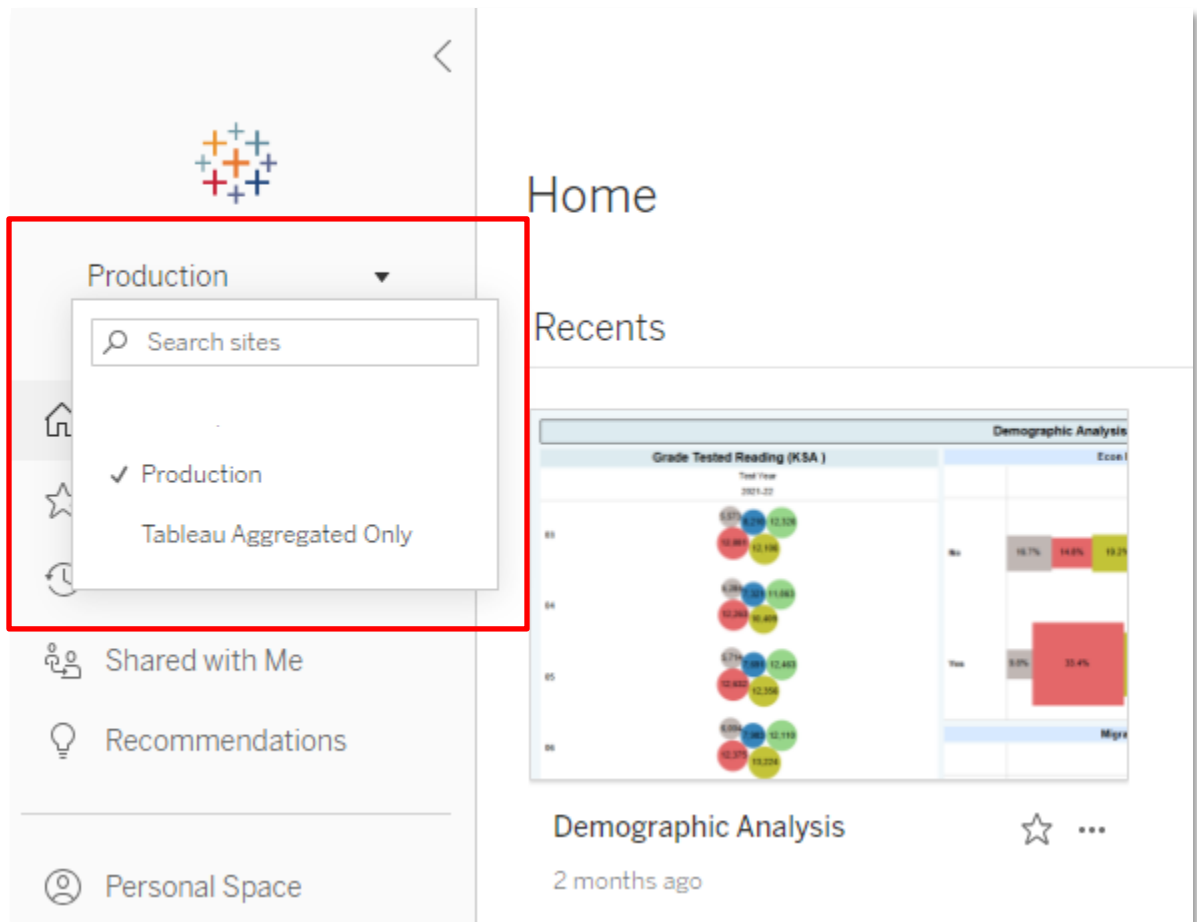
Note that calendar and school security rights in Infinite Campus are passed to the Tableau website. That is, users will only have access in Tableau to those calendars and schools for which they have been granted access in Infinite Campus. In order for a user to have access to district-wide data for all schools, the user will need to have Infinite Campus security rights granted to All Calendars, or rights to every calendar in the district.

## Accessing Tableau Visualizations

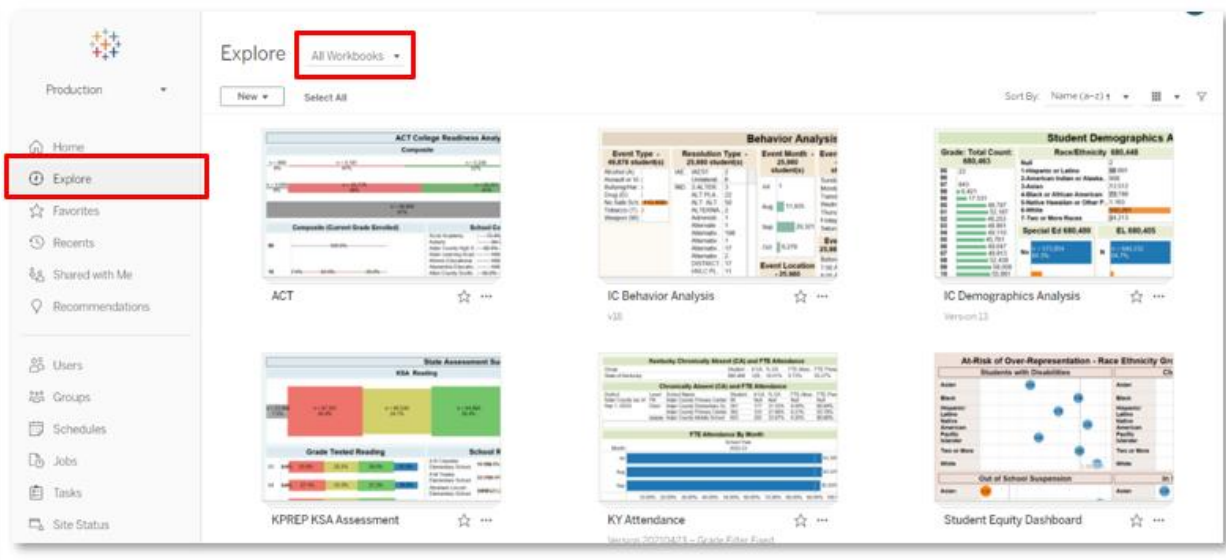
1. At the top of the Infinite Campus index, select the link, “\*Tableau Visualizations”. For

logging into the KDE Analysis Portal, the username will be the school district's email address (kyschools.edu), and the password will be the same as the Windows/365 password.

- Two Tableau sites are available to end users, including the "Production" site and the "Tableau Aggregated Only" site. The Tableau Aggregated Only site currently contains the Student Equity Dashboard. To access either site, select the droplist from the top left corner of the screen, and select the desired site.



- Within the Index on the left side of the screen, click "Explore". Next to the word "Explore" in the workspace, select "All Workbooks" within the drop list. The following workbooks will be displayed: IC Behavior Analysis, IC Demographics Analysis, KY Attendance, and Student Equity Dashboard.



NOTE: All Tableau visualizations are updated nightly, with the most recent update date displayed in the District Name filter found on each visualization.



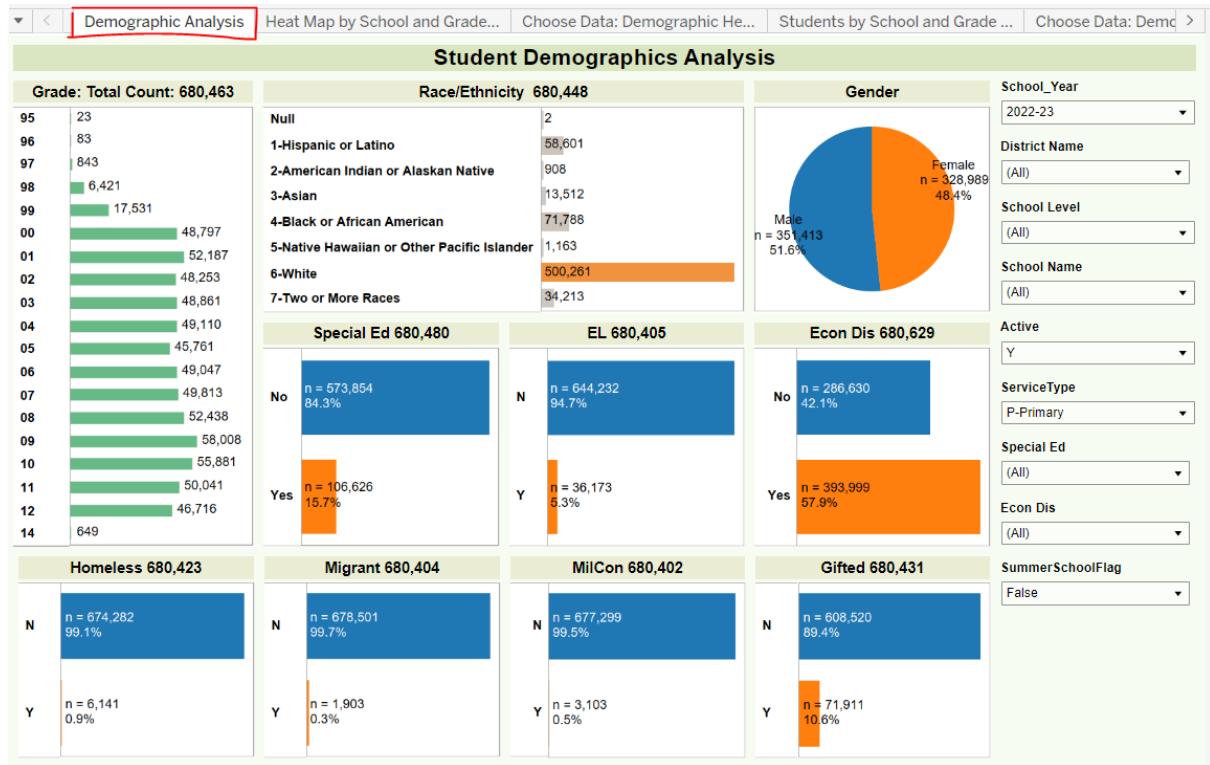
## Workbook: IC Demographics Analysis

### Dashboard: Demographics Analysis

Description: This workbook provides student totals by grade level, race / ethnicity, gender, Special Education, economically disadvantaged, English Learner (EL), homeless, migrant, military connected, and gifted status.

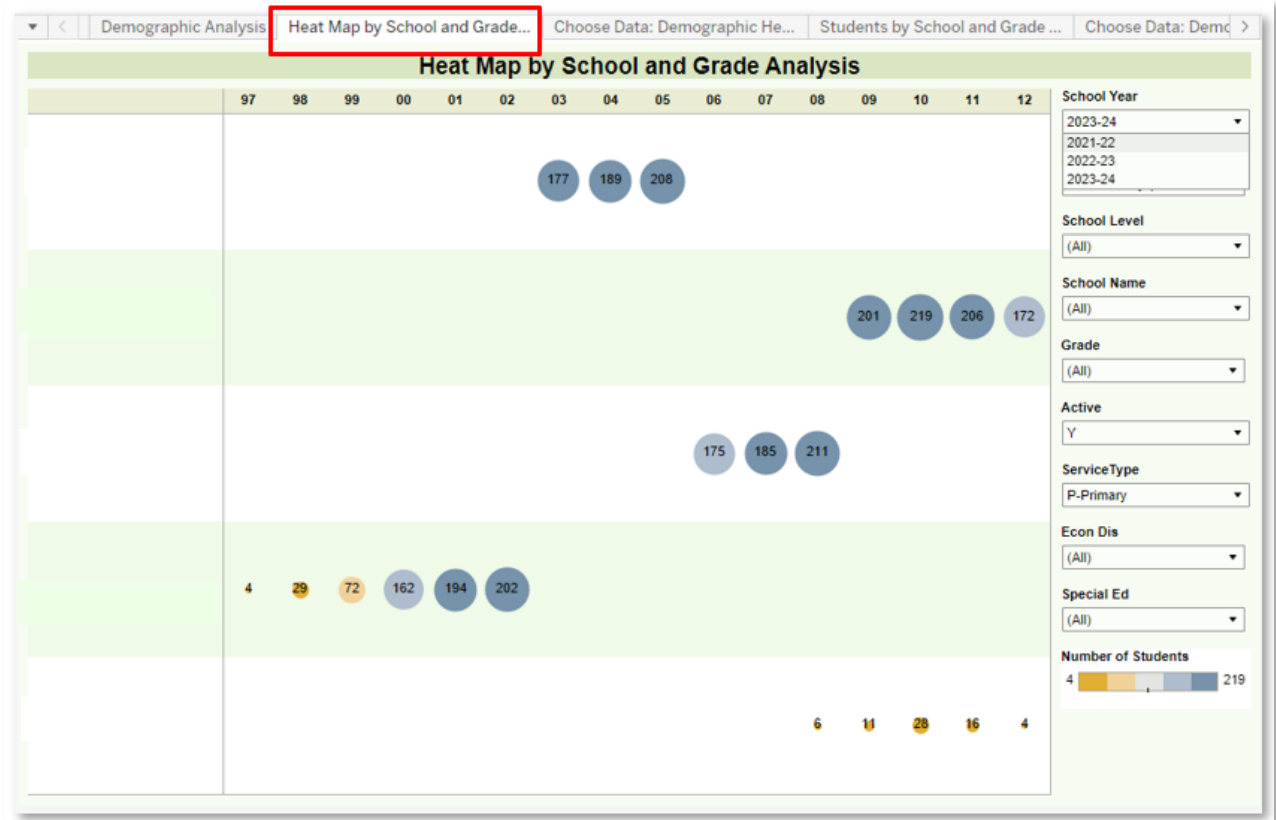
#### Filters:

- School Year: Will include at least the active school year and one year previous.
- School Level: Options include PreK, Elem, Middle and High.
- School Name: Schools available in the droplist will reflect calendar rights assigned in Infinite Campus.
- Active: Y will include only active students, N will include inactive students, All will include both active and inactive students.
- Service Type: References the Service Type field included on the student enrollment records in Infinite Campus. Options include N-SpecialEd, P-Primary, S-Secondary
- Summer School Flag: True includes all summer school calendars and enrollment records, False excludes summer school calendars and enrollment records.



### Worksheet: Heat Map by School and Grade

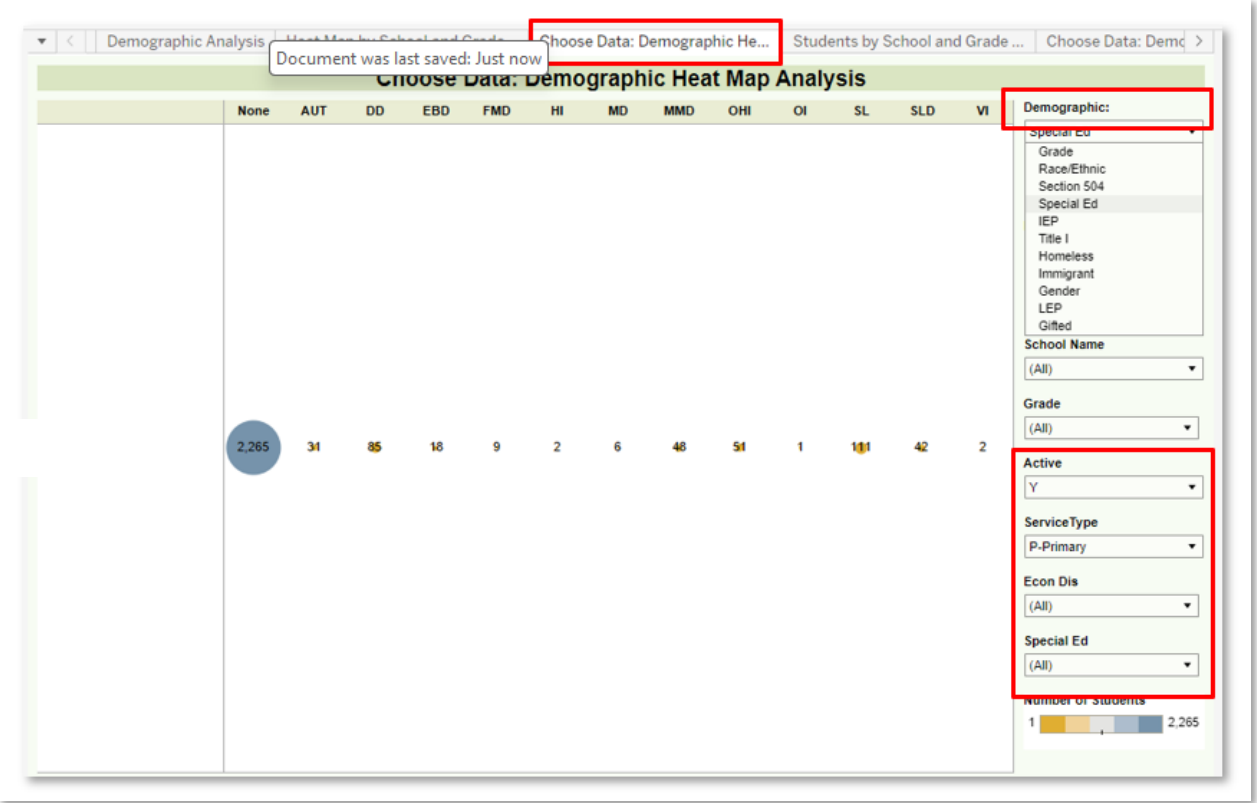
Description: This worksheet displays all students by grade (columns) and by school (rows). Heat map colors and sizes are included to facilitate understanding of trends.



### Worksheet: Choose Data: Demographics Heat Map Analysis

Description: This worksheet displays all students by school (rows), and by the desired value selected from the Demographic parameter (columns). Demographic parameter options include: Grade, RaceEthnic, Section 504, Special Ed, Title I, Homeless, Immigrant, Gender, LEP and Gifted. Heat map colors and sizes are included to facilitate understanding of trends.





## Worksheet: Students by School and Grade Analysis

Description: This worksheet displays all students by grade (columns) and by school (rows).

Students by School and Grade Analysis														School Year			
	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	Total
							177	189	208								574
													201	219	206	172	798
									175	185	211						571
	4	29	72	162	194	202											663
												6	11	28	16	4	65
<b>Grand Total</b>	4	29	72	162	194	202	177	189	208	175	185	217	212	247	222	176	2,671

**Active**  
 Y

**ServiceType**  
 P-Primary

**Econ Dis**  
 (All)

**Special Ed**  
 (All)

## Worksheet: Choose Data: Demographics by Percent

Description: This worksheet displays percent of students by school (rows) and by the desired value selected from the Demographic parameter (columns). Demographic parameter options include: Grade, RaceEthnic, Section 504, Special Ed, Title I, Homeless, Immigrant, Gender, LEP and Gifted. Heat map colors and sizes are included to facilitate understanding of trends.

Choose Data: Demographic Percent Analysis														
	None	MMD	FMD	VI	OI	OHI	SLD	MD	AUT	DD	EBD	HI	SL	Total
	85.2%	3.3%	0.5%			2.3%	1.4%	0.3%	0.7%	0.2%	0.5%		5.6%	100.0%
	91.5%	1.8%	0.1%	0.1%	0.1%	2.1%	2.3%	0.4%	1.1%		0.4%	0.1%		100.0%
	91.4%	1.8%	0.9%			2.1%	1.8%	0.2%	1.4%		0.2%	0.2%	0.2%	100.0%
	73.0%			0.2%		0.6%	0.3%		1.4%	12.7%	0.2%		11.8%	100.0%
	61.5%	7.7%				7.7%	0.2%		1.5%		15.4%			100.0%
<b>Total</b>	<b>84.8%</b>	<b>1.8%</b>	<b>0.3%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>1.9%</b>	<b>1.6%</b>	<b>0.2%</b>	<b>1.2%</b>	<b>3.2%</b>	<b>0.7%</b>	<b>0.1%</b>	<b>4.2%</b>	<b>100.0%</b>

Choose Data: Demographic Pe...

Demographic:  
Special Ed  
Grade  
Race/Ethnic  
Section 504  
Special Ed  
IEP  
Title I  
Homeless  
Immigrant  
Gender  
LEP  
Gifted

School Name  
(All)

Grade  
(All)

Active  
Y

ServiceType  
P-Primary

Econ Dis  
(All)

Special Ed  
(All)

## Workbook: KY Attendance

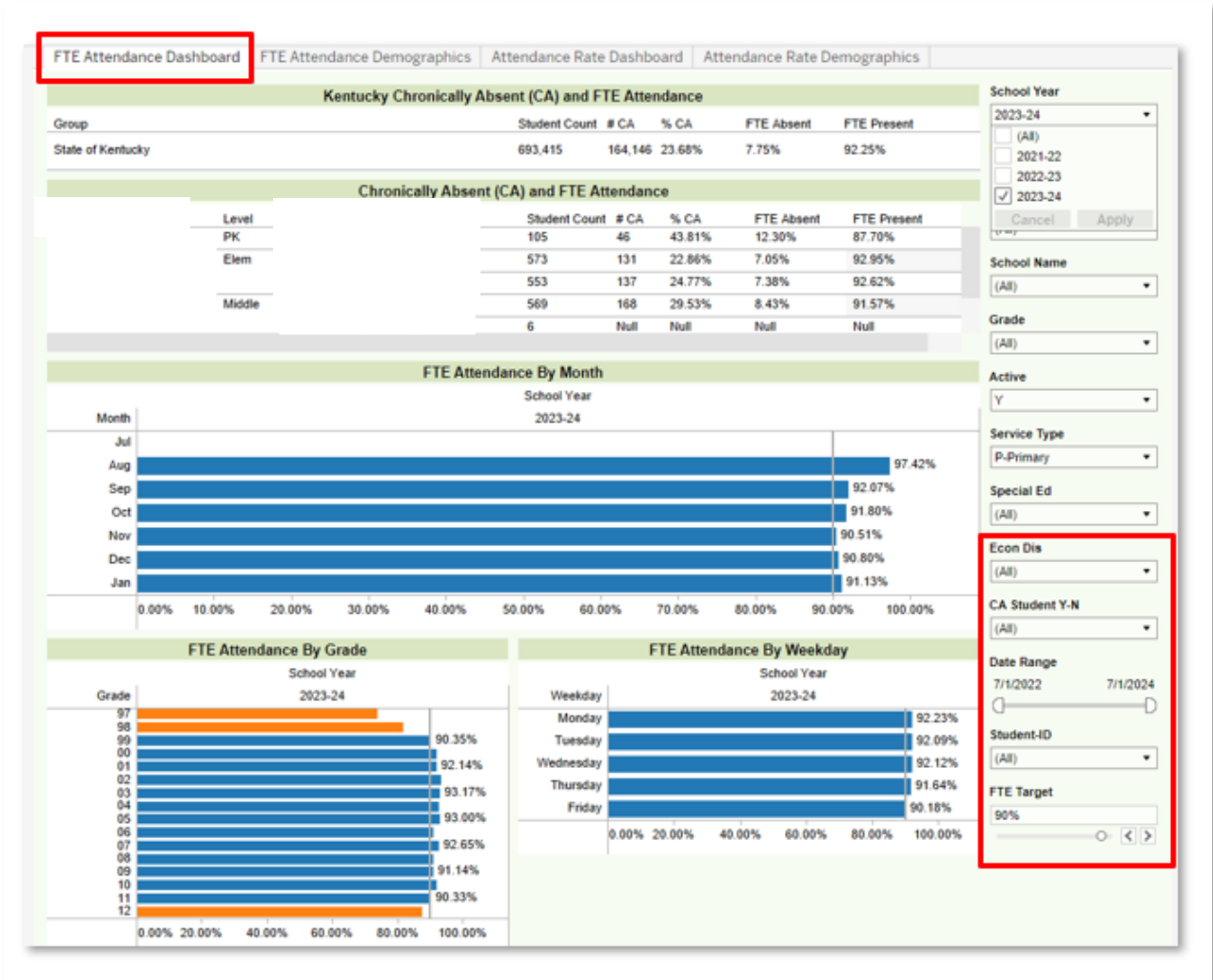
The Kentucky Attendance Workbook can be used to evaluate attendance by full-time equivalency (FTE) used in calculating if a student is Chronic Absent and Attendance Rate which is traditional Kentucky attendance used for funding calculations. Filters available for the attendance dashboards include:

### Filters:

- School Year: Will include at least the active school year and one year previous.
- School Level: Options include PreK, Elem, Middle and High.
- School Name: Schools available in the droplist will reflect calendar rights assigned in Infinite Campus.
- Active: Y will include only active students, N will include inactive students, All will include both active and inactive students.
- Service Type: References the Service Type field included on the student enrollment records in Infinite Campus. Options include N-SpecialEd, P-Primary, S-Secondary
- Special Ed Disability: Allows for the filtering by student Special Ed Disability code.
- CA Student: Allows for the filtering of only Chronically Absent students. If Yes is selected, the charts and graphs will update numbers that reflect only those students who are Chronically Absent.

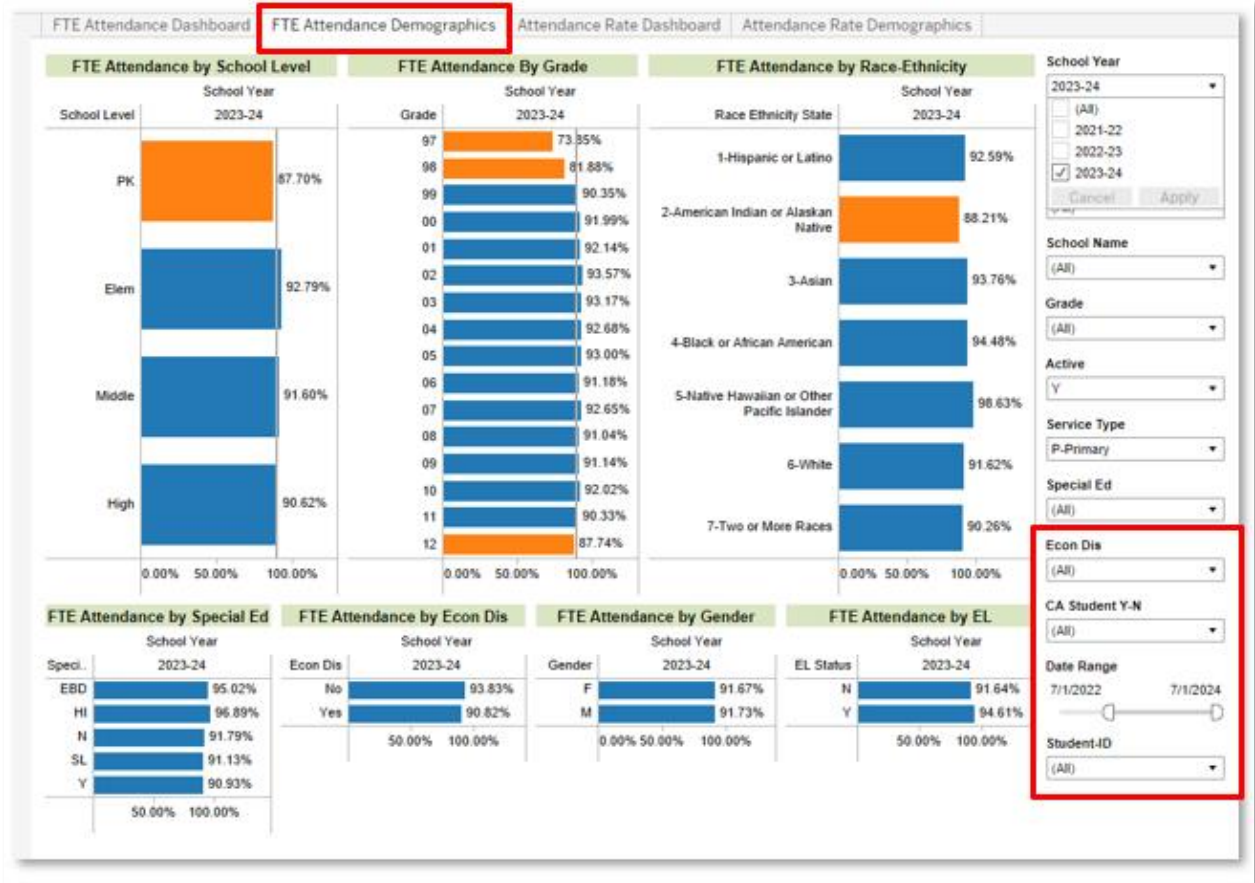
## Dashboard: FTE Attendance Dashboard

Description: This workbook provides counts and percentages of students who are Chronically Absent, as well as student FTE Attendance totals.



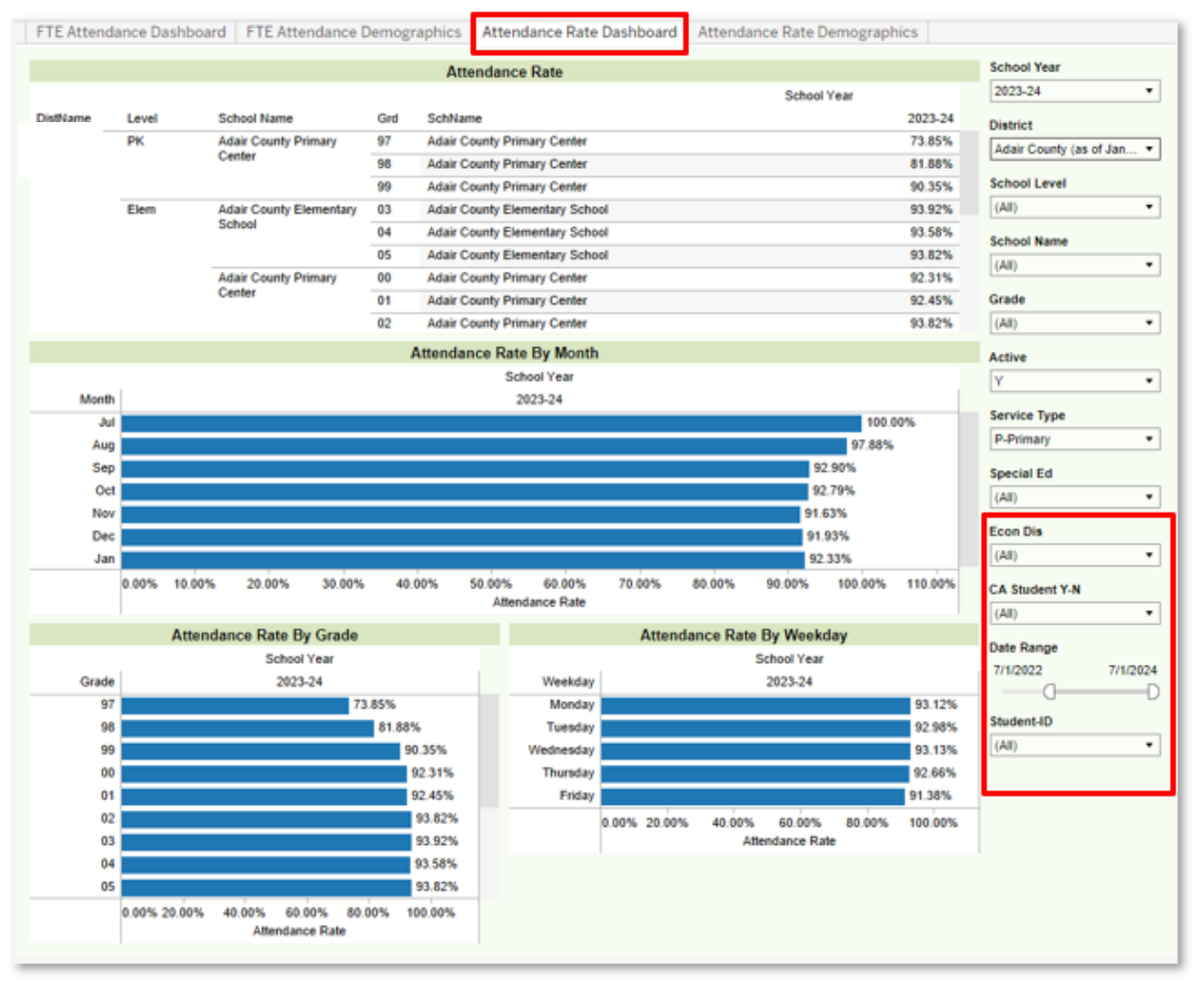
## Dashboard: FTE Attendance Demographics

Description: This workbook provides the FTE Attendance percentages of students who are Chronically Absent, as well as student FTE Attendance totals for all students, disaggregated by school level, grade, race / ethnicity, special education status, economically disadvantaged status, gender and EL status.



## Dashboard: Attendance Rate Dashboard

Description: This workbook provides the Attendance Rate percentages of students disaggregated by school level, school, month, grade, and day of week.



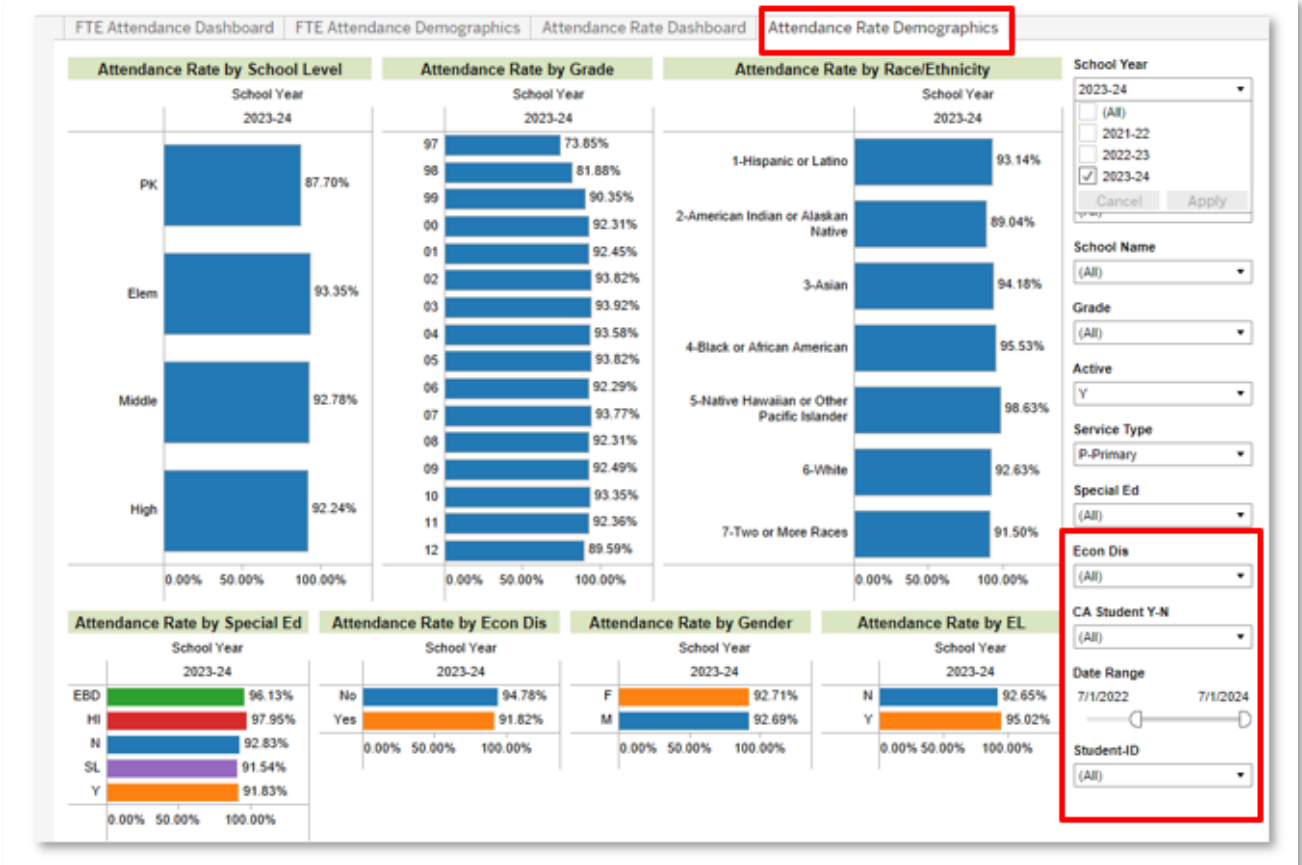
NOTE: The Attendance Rate Dashboard allows the user to 'drill down' to more detailed information using Tableau's hierarchy functionality. Select the plus sign next to SchName to show the detail by grade level. Continue to select the plus signs to show individual student attendance rates. To remove this detail, select the minus sign that appears.

Attendance Rate			
Level	School Name	SchName	School Year
PK		Adair County Primary Center	87.70%
Elem		Adair County Elementary School	93.77%
		Adair County Primary Center	92.92%
Middle		Adair County Middle School	92.75%
		Adair Learning Academy	100.00%
High		Adair County High School	91.64%
		Adair Learning Academy	100.00%



## Dashboard: Attendance Rate Demographics

Description: This workbook provides the Attendance Rate percentages of students disaggregated by school level, grade, race / ethnicity, special ed, economically disadvantaged, gender and EL status.



## Workbook: IC Behavior Analysis

Infinite Campus (IC) Behavior Analysis dashboards can be used to help school administrators monitor behavior events and resolutions. The suite of dashboards, detailed below, includes views at the aggregate, student, and teacher levels. Filters and parameters used in these views include:

### Filters:

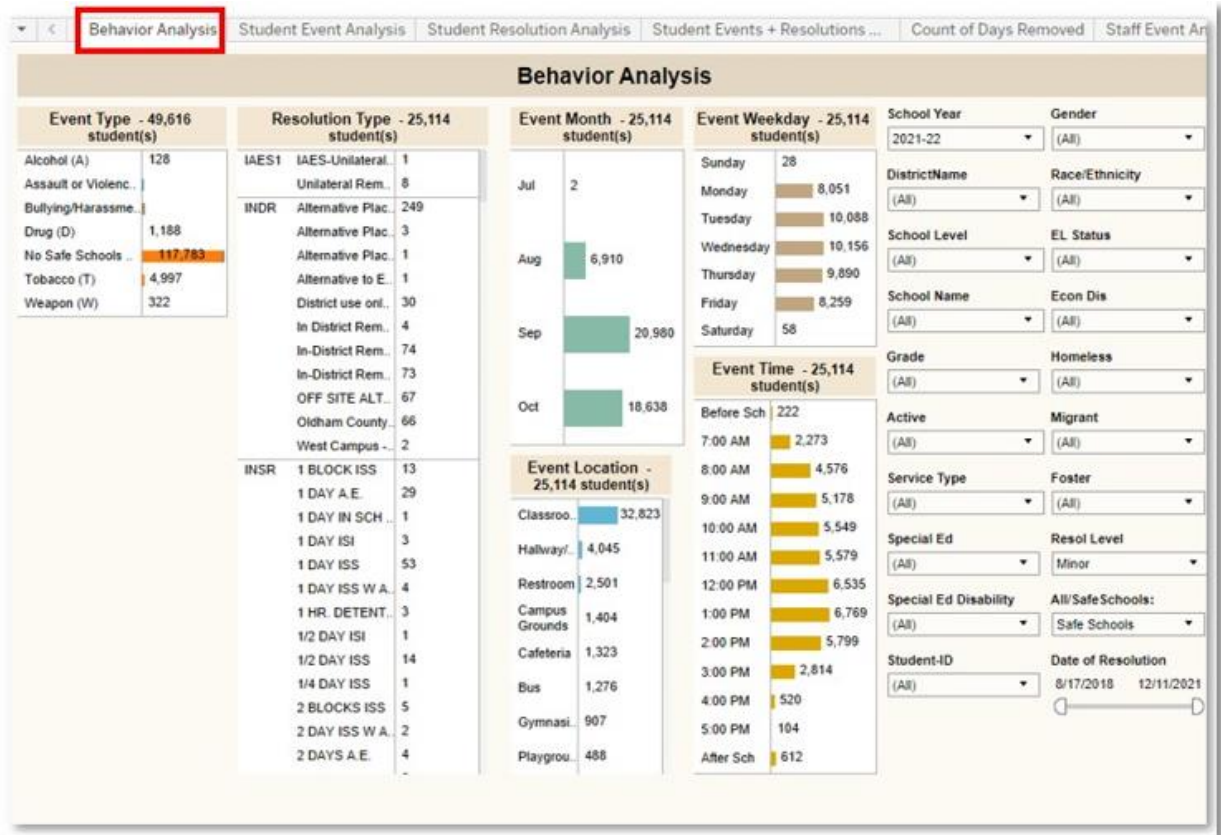
- School Year: Will include at least the active school year and one year previous.
- School Level: Options include PreK, Elem, Middle and High.
- School Name: Schools available in the droplist will reflect calendar rights assigned in Infinite Campus.
- Grade: Select one, many or all values from the list.
- Active: Y will include only active students, N will include inactive students, All will include both active and inactive students.
- Service Type: References the Service Type field included on the student enrollment records in Infinite Campus. Options include N-SpecialEd, P-Primary, S-Secondary
- Special Ed: Allows filtering for students with or without an IEP.
- Special Ed Disability: Allows for the filtering by student Special Ed Disability code.
- Student ID: Allows for the search and selection of specified students.
- Gender: Select all or either option.
- Race / Ethnicity: Select one or many options.
- EL Status: Allows filtering for students who are identified as English Learner
- Econ Dis: Allows filtering for students who are Economically Disadvantaged
- Homeless: Allows filtering for students who are identified as Homeless.
- Migrant: Allows filtering for students who are identified as Migrant.
- Foster: Allows filtering for students who are identified in the Foster Care student group.
- Resol Level: Allows filtering according to the level of severity of the resolution. Options are major / minor.
- Date of Resolution: Allows filtering of behavior resolutions within a specified date range.

### Parameters:

- All/Safe Schools: Selecting "All" will display all local and state behavior events and resolutions. Selecting "Safe Schools" will display counts of events and resolutions associated only with Safe Schools reporting.

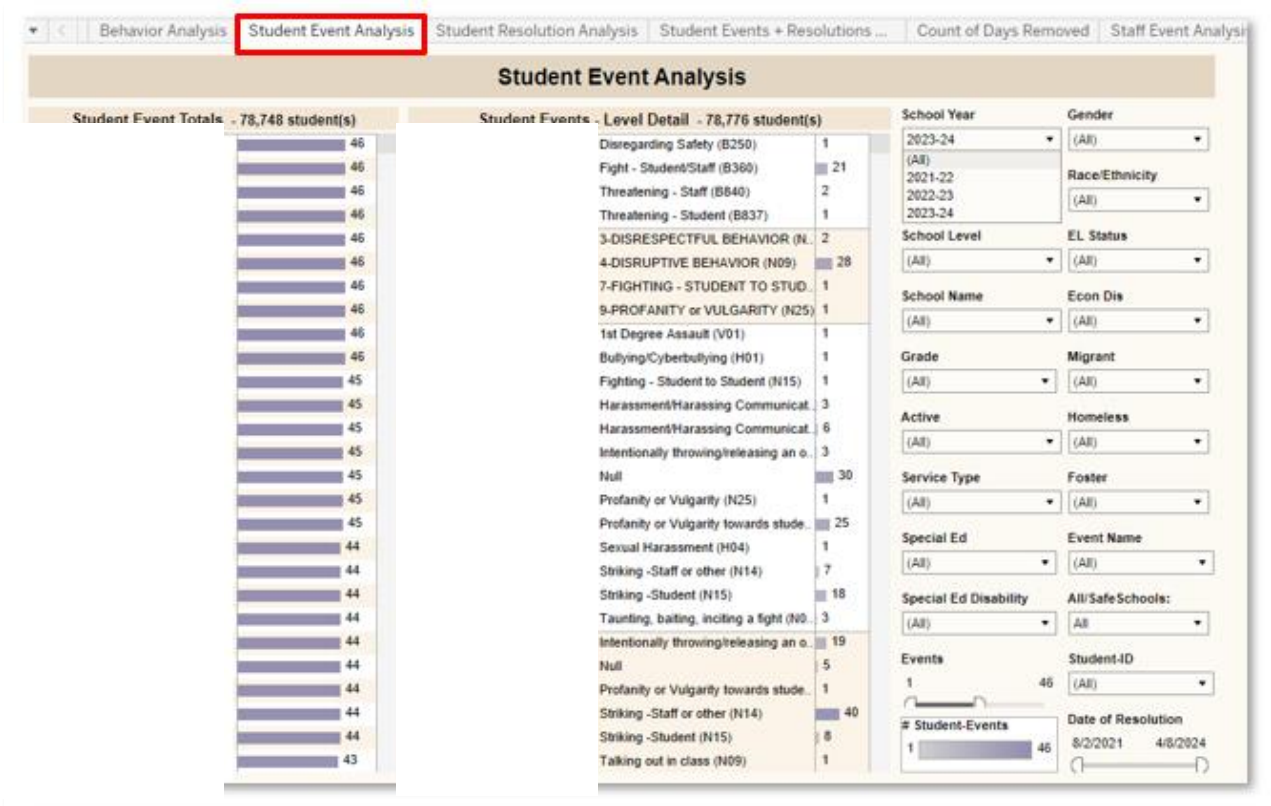
## Dashboard: Behavior Analysis

Description: Provides analysis of behavior events and resolutions, disaggregated by Month, Day of Week and Time of Day with options to filter by Race, Special Ed, Special Ed Disability, Migrant, Homeless, Foster, EL, and Gifted indicators. Allows for easy identification of students who have been removed from the classroom for a specified number of days. Provides comparison of behavior event and resolution counts by demographic group, highlighting discrepancies in the ratio of student population to event / resolution.



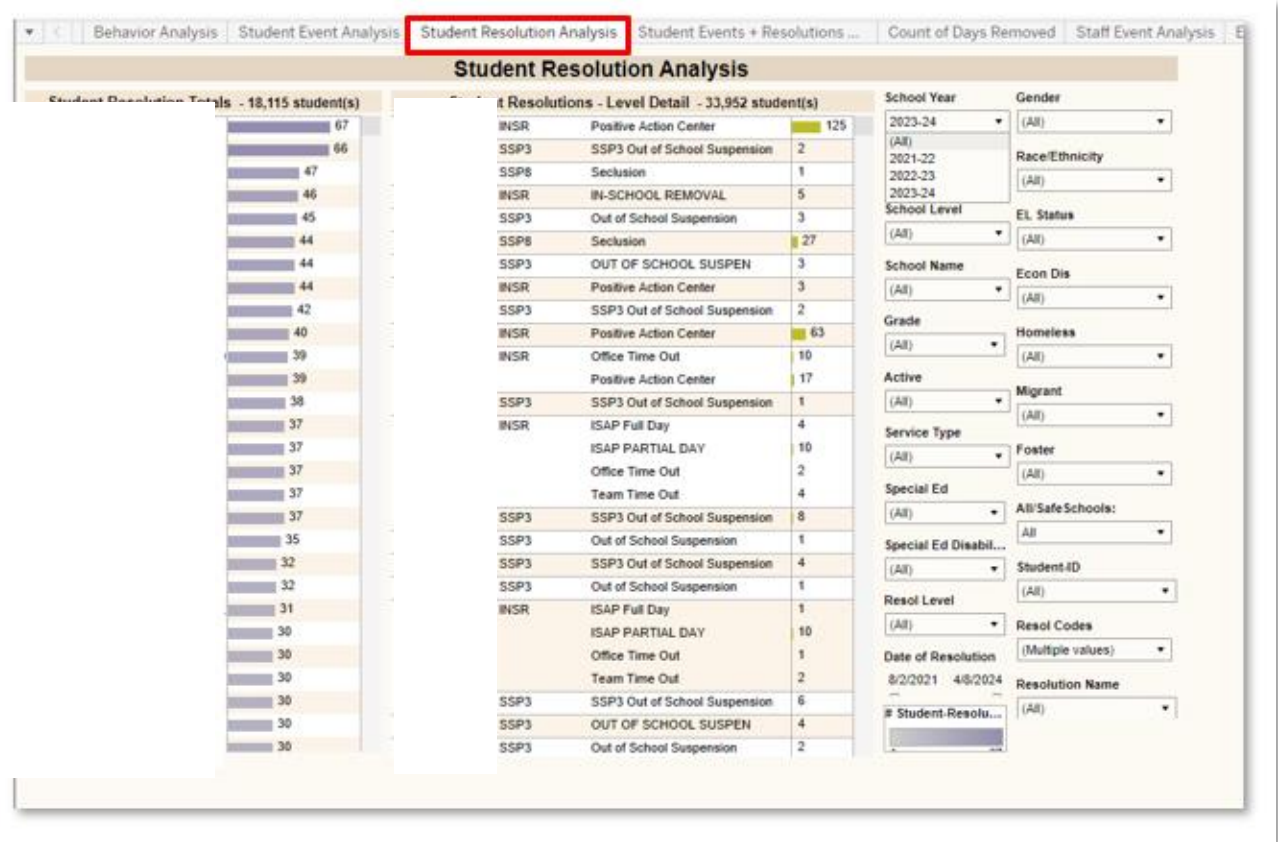
## Dashboard: Student Event Analysis

Description: Displays Behavior Event details, by student.



## Dashboard: Student Resolution Analysis

Description: Displays Behavior Resolution details, by student.



## Dashboard: Student Events + Resolutions

Description: Displays both Behavior Events and Resolution details, by student.

Behavior Analysis Student Event Analysis Student Resolution Analysis **Student Events + Resolutions ...** Count of Days Removed Staff Event Analysis

### Student Events + Resolutions Analysis

Student Events + Resol Detail - 78,776 student(s)

Event Name	Resol Codes	Resolution Name	
Null	INSR	Positive Action Center	5
	Null	Phone Call	1
Bullying/Cyberbullying (H01)	INSR	Positive Action Center	1
Failure to remain seated on th.	Null	Phone Call	1
Intentionally throwing/releasing an object (N09)	INSR	Positive Action Center	4
	SSP7	Restraint	1
Self Harm (N26)	INSR	Positive Action Center	1
Striking -Staff or other (N14)	INSR	Positive Action Center	96
	Null	Behavior Reflection	2
	SSP3	SSP3 Out of School Suspension	2
	SSP7	Restraint	7
Striking -Student (N15)	INSR	Positive Action Center	17
	Null	Phone Call	3
	SSP7	Restraint	3
Taunting, baiting, inciting a fig.	INSR	Positive Action Center	1
1 Bullying (H01)	130	CONFERENCE	4
	180	RESTRICTED ACTIVITY	1
Destruction of Property (N06)	130	CONFERENCE	2
	180	RESTRICTED ACTIVITY	1
Disorderly Conduct (N07)	130	CONFERENCE	6
	INSR	IN-SCHOOL REMOVAL	1
Disrespectful Behavior (N08)	130	CONFERENCE	20
	170	PARENT CONTACT	1
	180	RESTRICTED ACTIVITY	4
	INSR	IN-SCHOOL REMOVAL	1
Disruptive Behavior (N09)	130	CONFERENCE	38

**School Year**

2023-24 (All)  
2021-22  
2022-23  
2023-24

**Gender**

(All)

**Race/Ethnicity**

(All)

**School Level**

(All)

**EL Status**

(All)

**School Name**

(All)

**Econ Dis**

(All)

**Grade**

(All)

**Homeless**

(All)

**Active**

(All)

**Migrant**

(All)

**Service Type**

(All)

**Foster**

(All)

**Special Ed**

(All)

**Event Name**

(All)

**Special Ed Disability**

(All)

**All Safe Schools:**

All

**Resol Codes**

(All)

**Student-ID**

(All)

**Resolution Name**

(All)

**Date of Resolution**

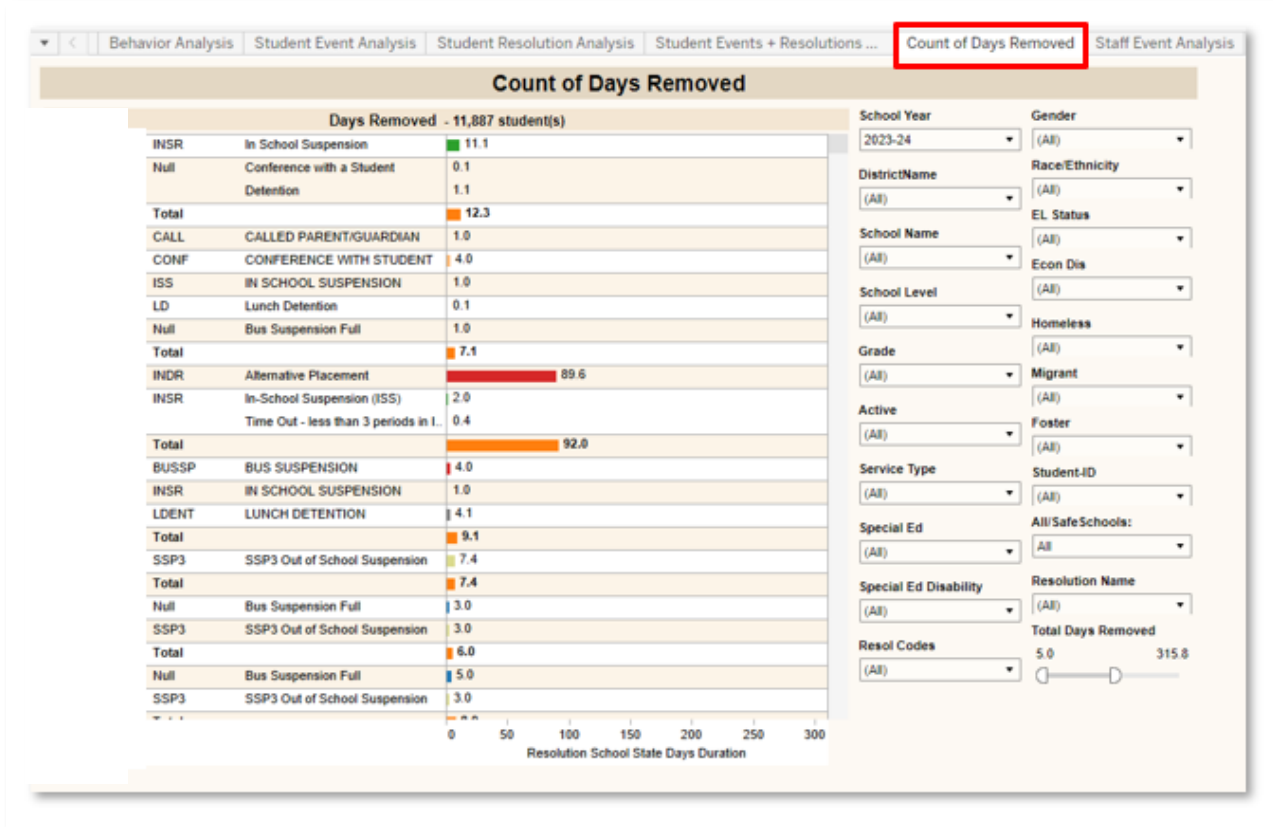
8/2/2021 4/8/2024

**Count of Days Removed**

**Staff Event Analysis**

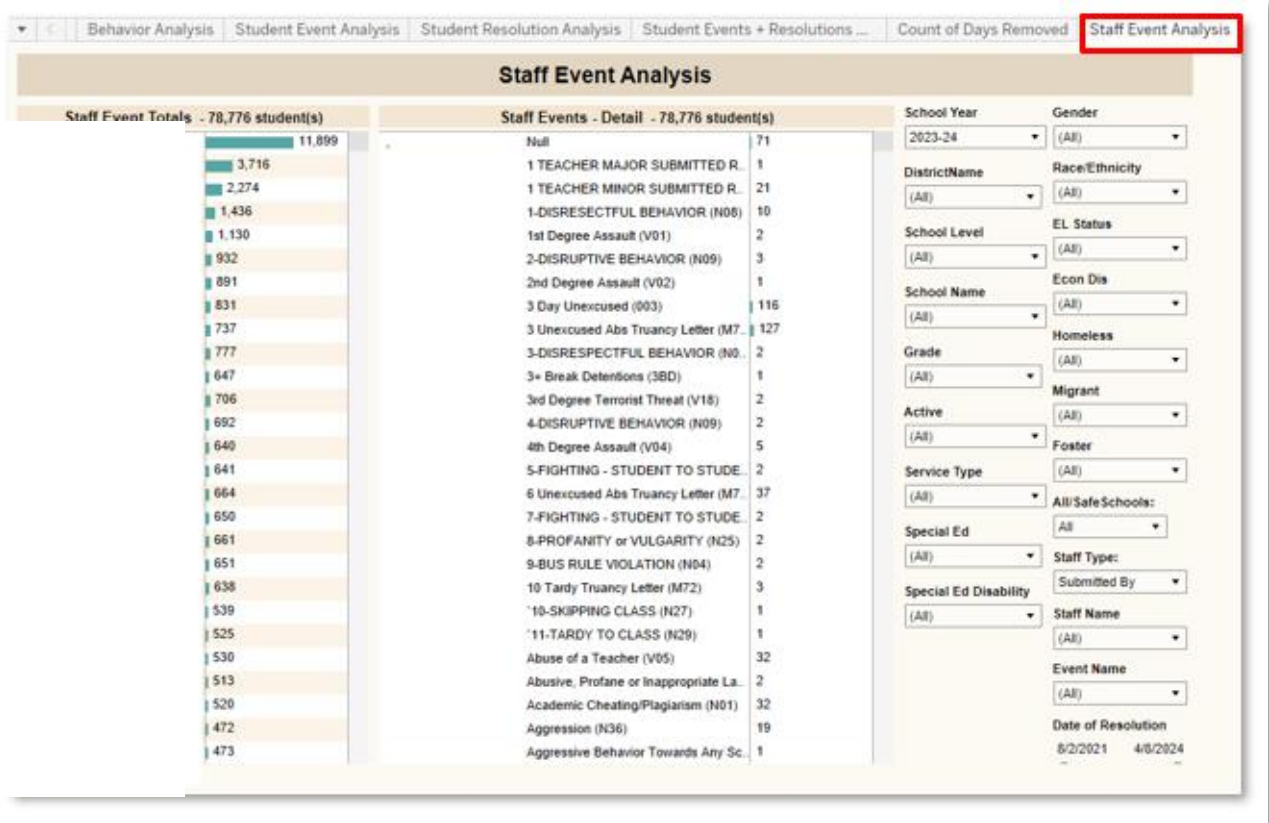
## Dashboard: Count of Days Removed

Description: Displays both Behavior Events and Resolution details, by student. Allows for easy identification of students who have been removed from their regular educational program or setting for a specified number of days.



## Dashboard: Staff Event Analysis

Description: Displays total number of behavior events submitted by staff members.





## Dashboard: Events vs. Resolutions Table Analysis

Description: Displays the total number of behavior events, paired with the total number of the resulting behavior resolutions.

of Days Removed | Staff Event Analysis | **Events vs. Resolutions Table A...** | Event Counts by Student Group | pct of Unduplicated Students ... | pct of Un...

### Events vs. Resolutions Table Analysis

Event Name ..	Event Name	IAES1	INDR	INSR	SSP1	SSP2	SSP3	SSP8	School Year	Gender
(2021-22) Alc.	Alcohol (A)		3	27			117		2021-22	(All)
(2021-22) As..	Assault or Violence (V)		57	273	7		784	7	DistrictName	Race/Ethnicity
(2021-22) Bul.	Bullying/Harassment (H)		34	1,289			877		(All)	(All)
(2021-22) Dru..	Drug (D)	4	49	300	6	3	903		School Level	EL Status
(2021-22) No..	No Safe Schools Category (N)	1	338	31,686	9	2	9,374	201	(All)	(All)
(2021-22) To..	Tobacco (T)		73	3,101	4		742		School Name	Econ Dis
(2021-22) We..	Weapon (W)	4	16	62			209		(All)	(All)

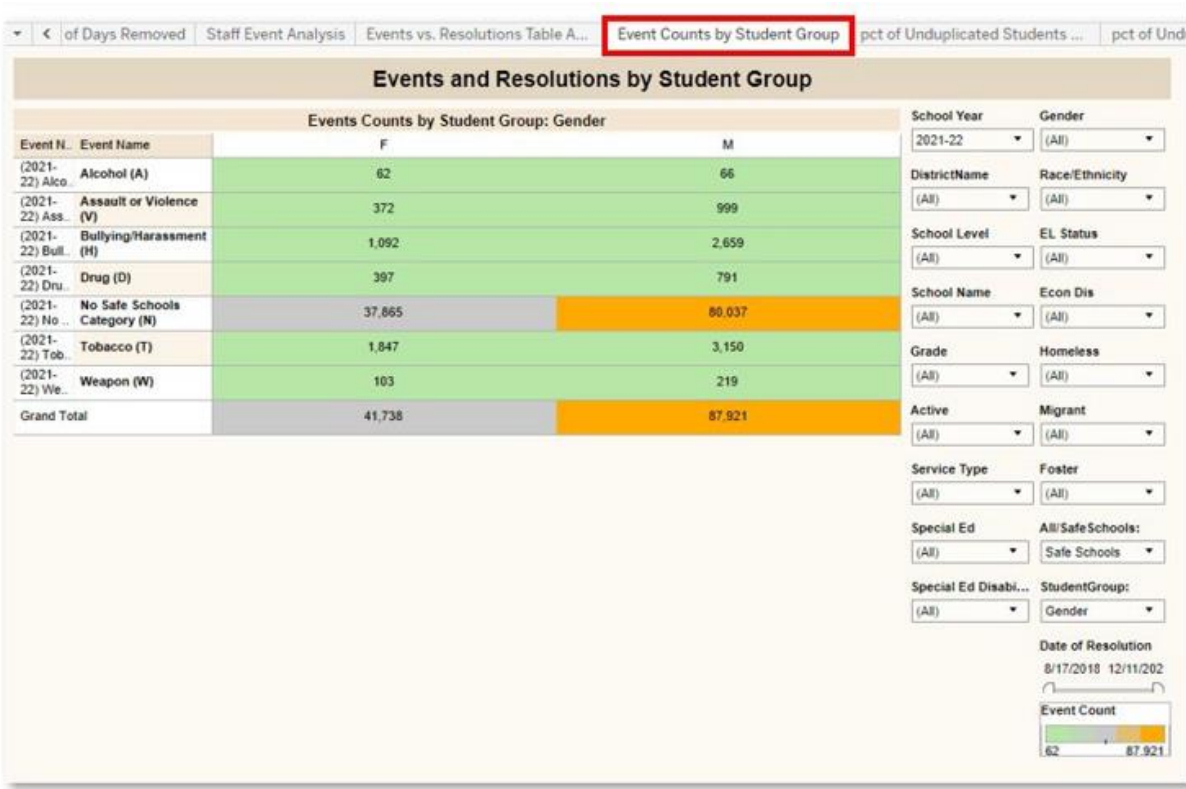
Grade	Homeless
(All)	(All)
Active	Migrant
(All)	(All)
Service Type	Foster
(All)	(All)
Special Ed	All/Safe Schools:
(All)	Safe Schools
Special Ed Disabil...	Event Name
(All)	(All)
Date of Resolution	
8/17/2018	12/11/2021
Number	
1	31,686

## Dashboard: Event Counts by Student Group

Description: Displays the total number of behavior events, and, resolutions, allowing disaggregation of student populations.

Additional Parameter available:

- Student Group: Allows for the selection of a specific student group, and displays the data disaggregated by the values found in the corresponding student group. Options include Race/Ethnic, Homeless, Foster Care, EL, SES, Migrant, Primary Disability, Grade and Gender. Dashboard will update to include data for only the selected criteria.

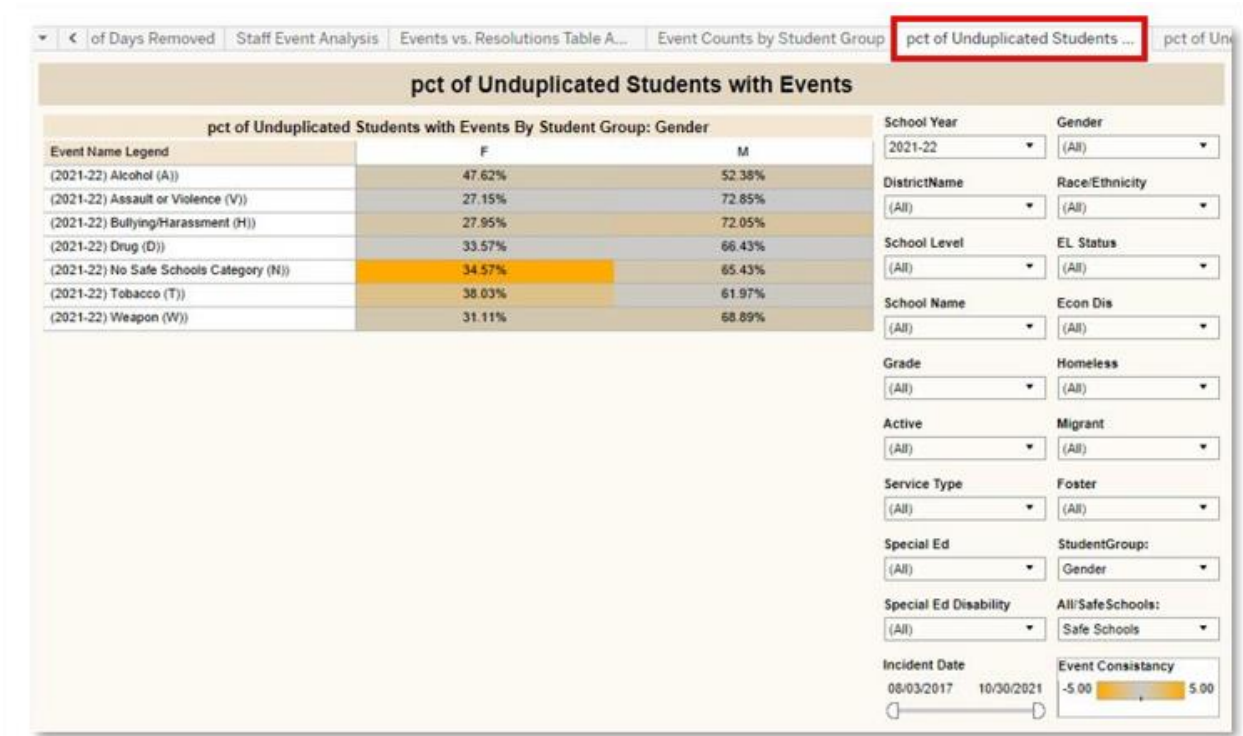


## Dashboard: Percent of Unduplicated Students with Events

Description: Displays the percentage of behavior events associated with students in the selected student group. Shading indicates data points in which the percentage of behavior events associated with the students belonging to the selected group is higher or lower than the percentages of total students in the selected group compared to the entire student population.

Additional Parameter:

- Student Group: Allows for the selection of a specific student group, and displays the data disaggregated by the values found in the corresponding student group. Options include: Race/Ethnic, Homeless, Foster Care, EL, SES, Migrant, Primary Disability, Grade and Gender. Dashboard will update to include data for only the selected criteria.

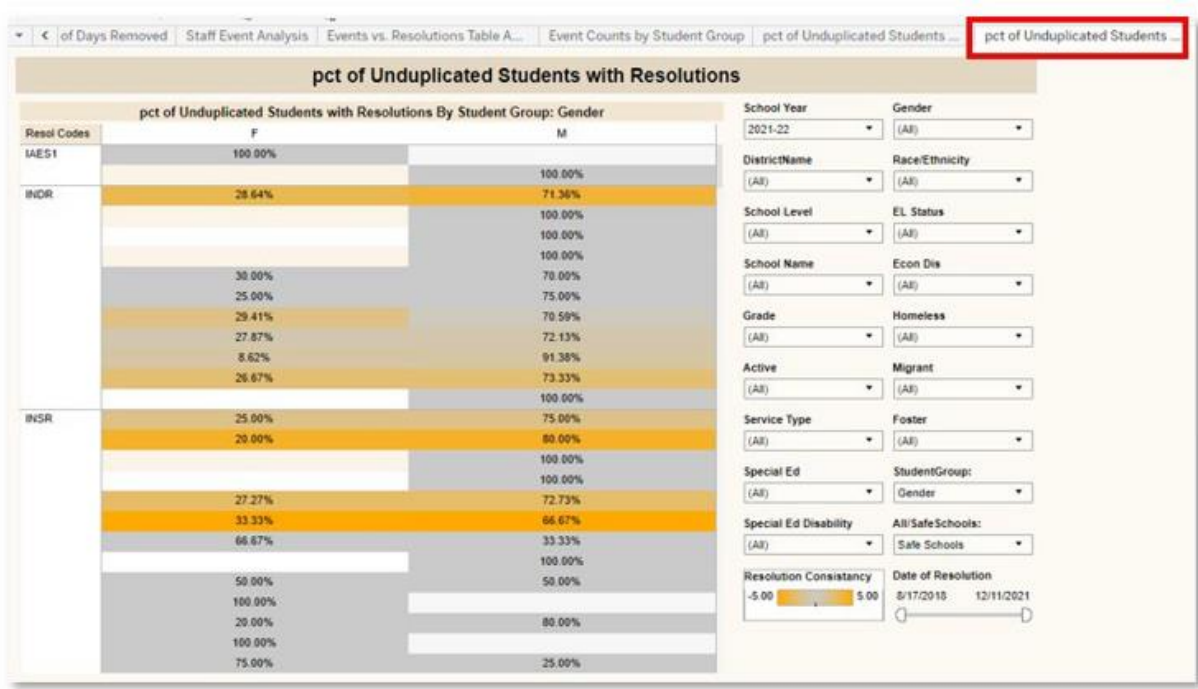


## Dashboard: Percent of Unduplicated Students with Resolutions

Description: Displays the percentage of behavior resolutions associated with students in the selected student group. Shading indicates data points in which the percentage of behavior resolutions associated with the students belonging to the selected group is higher or lower than the percentages of total students in the selected group compared to the entire student population.

Additional Parameter:

- Student Group: Allows for the selection of a specific student group, and displays the data disaggregated by the values found in the corresponding student group. Options include Race/Ethnic, Homeless, Foster Care, EL, SES, Migrant, Primary Disability, Grade and Gender. Dashboard will update to include data for only the selected criteria.



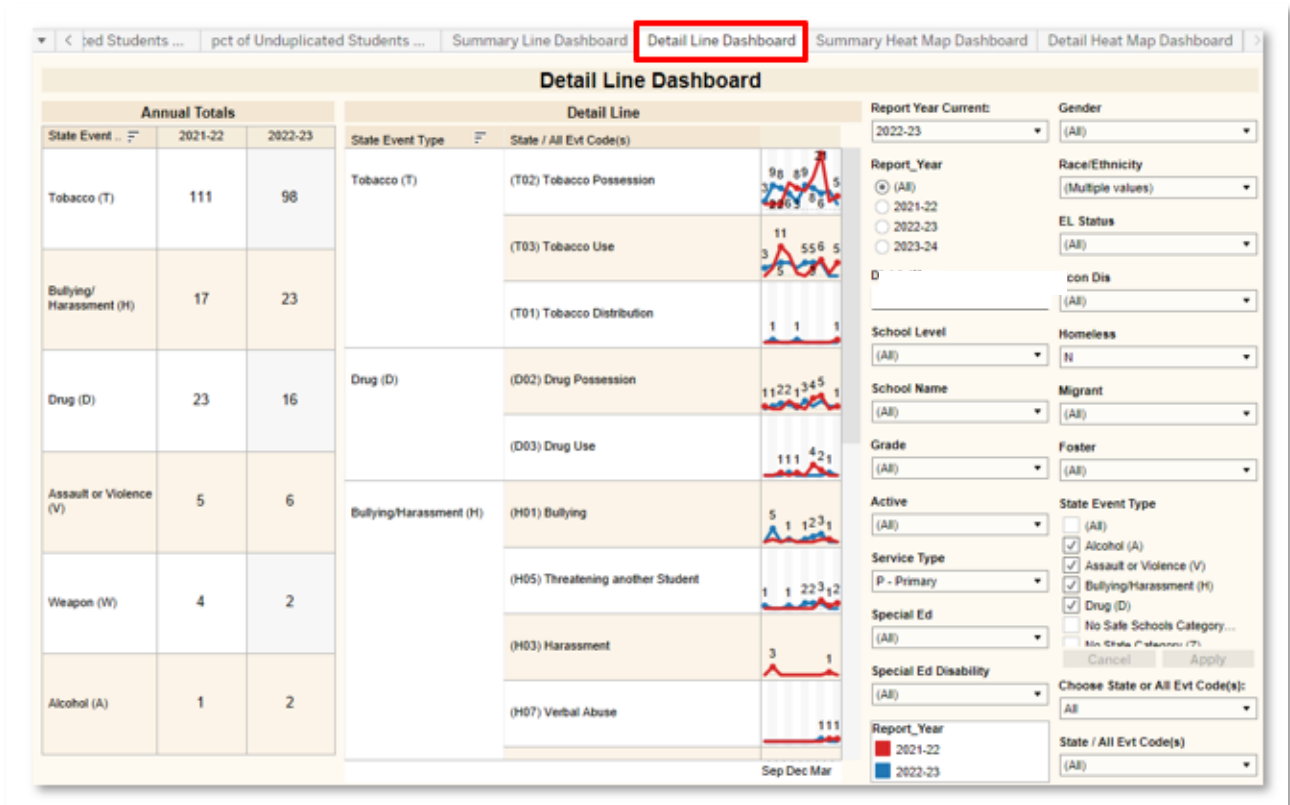
## Dashboard: Summary Line

Description: Displays the count of behavior events reported annually and by month for State Event Codes in the selected school year.



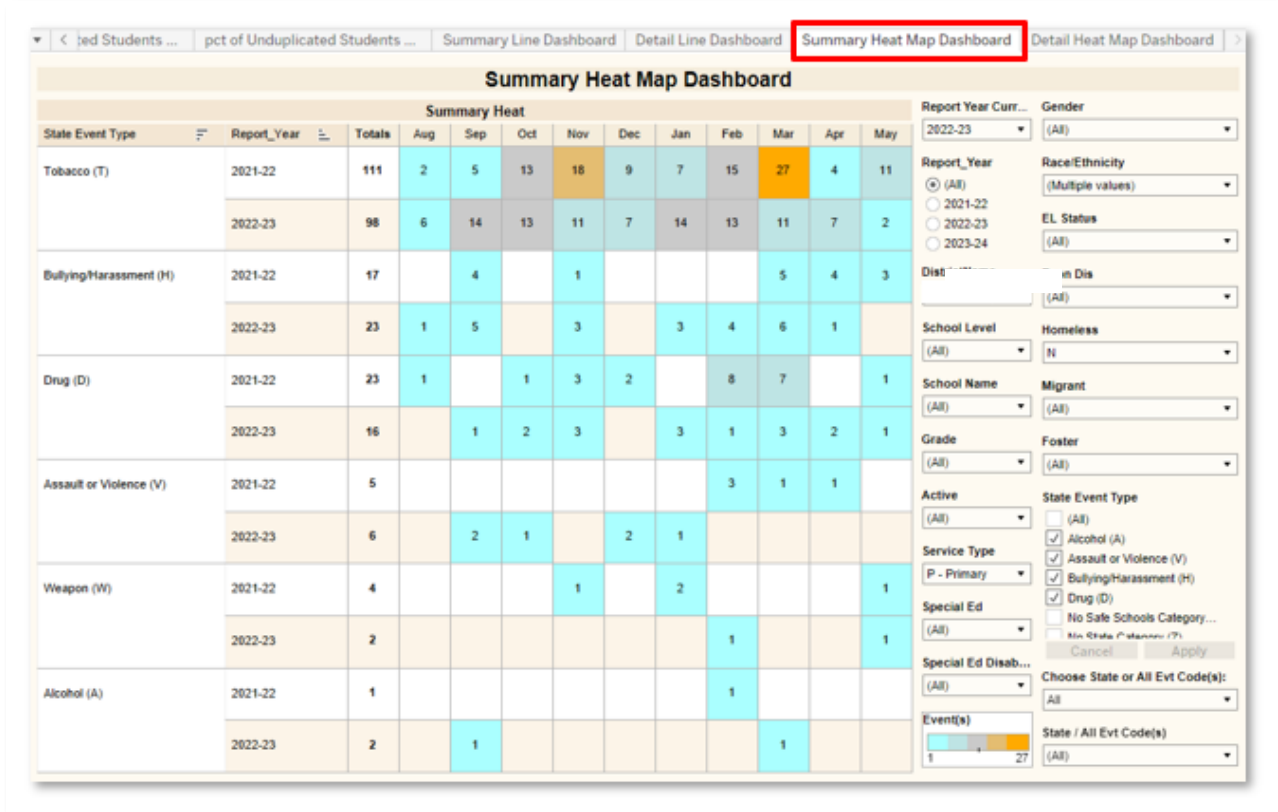
## Dashboard: Detail Line

Description: Displays the count of behavior events reported annually and charted by month for State Event Codes in the selected school year.



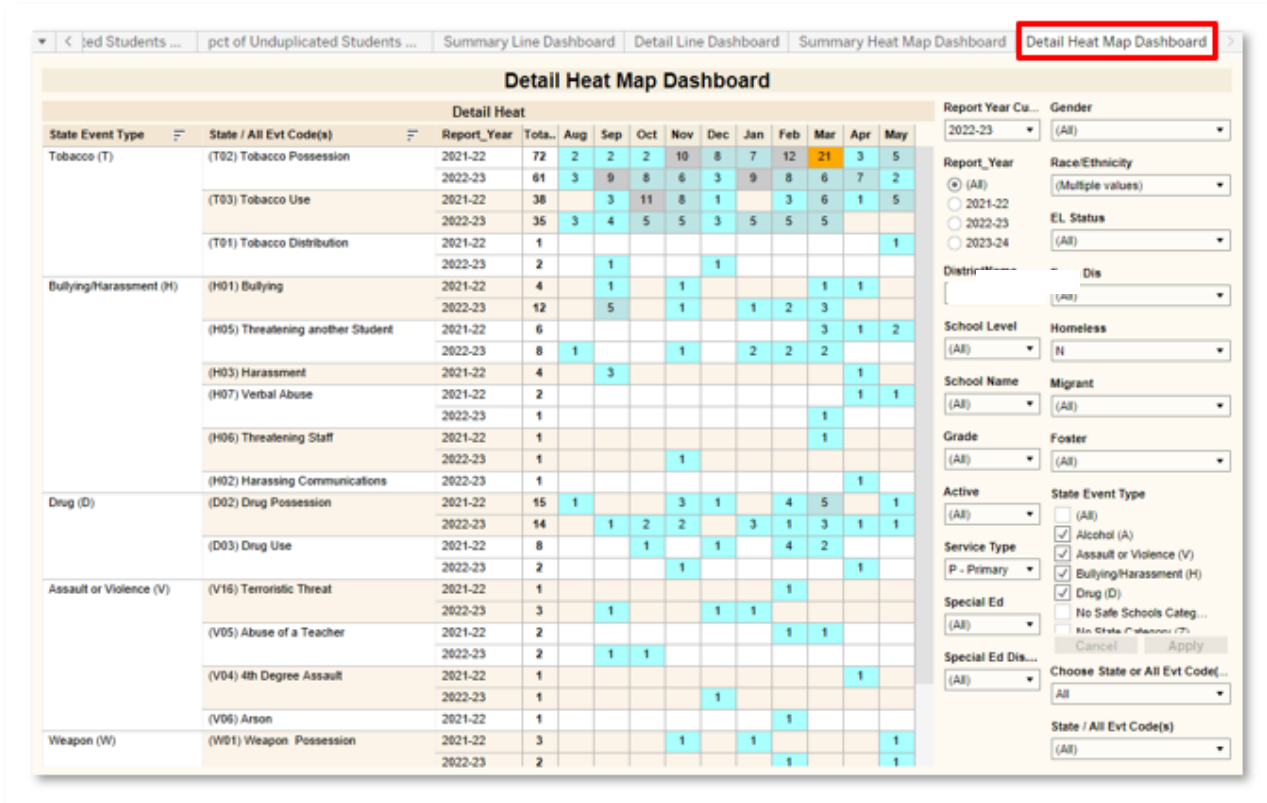
## Dashboard: Summary Heat Map

Description: Displays the total count of behavior events reported annually and disaggregated by month for State or Local Event Codes in the selected school year. Heat map colors are included to facilitate understanding of trends.



## Dashboard: Detail Heat Map

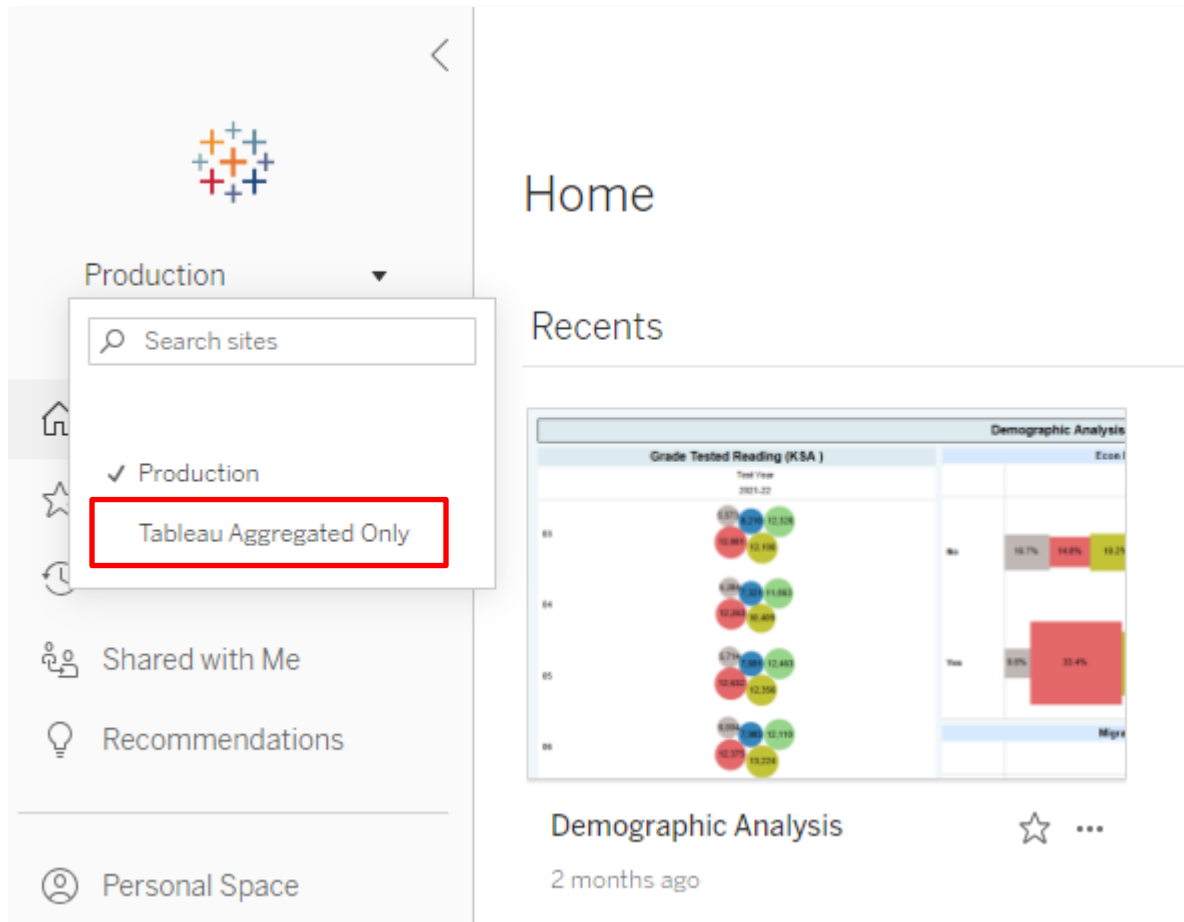
Description: Displays the total count of behavior events, by event code, reported annually and disaggregated by month for State or Local Event Codes in the selected school year. Heat map colors are included to facilitate understanding of trends.





## Workbook: Student Equity Dashboard

NOTE: This visualization is available on the [“Tableau Aggregated Only”](#) site. To access this site, go to the Tableau site homepage, and in the top left corner, select the droplist and choose “Tableau Aggregated Only”.



The Student Equity Dashboard workbook provides a view of potential disproportionality due to over or under representation. The filters and parameters available in this workbook include:

### Filters:

- District: Will include at least the active school year and one year previous.
- School Name: Schools available in the droplist will reflect calendar rights assigned in Infinite Campus.
- Grade: Select one, many or all values from the list.
- Special Ed: Allows filtering for students with or without a Special Ed Disability code.
- Econ Dis: Allows filtering for students who are Economically Disadvantaged
- EL Status: Allows filtering for students who are English Learners
- Foster: Allows filtering for students who are in the foster care system.

- Gifted: Allows filtering for students who are Gifted/Talented.
- Homeless: Allows filtering for students who are Homeless.
- Migrant: Allows filtering for students who are Migrants.
- Mil Connect: Allows filtering for students who are Military Connected.

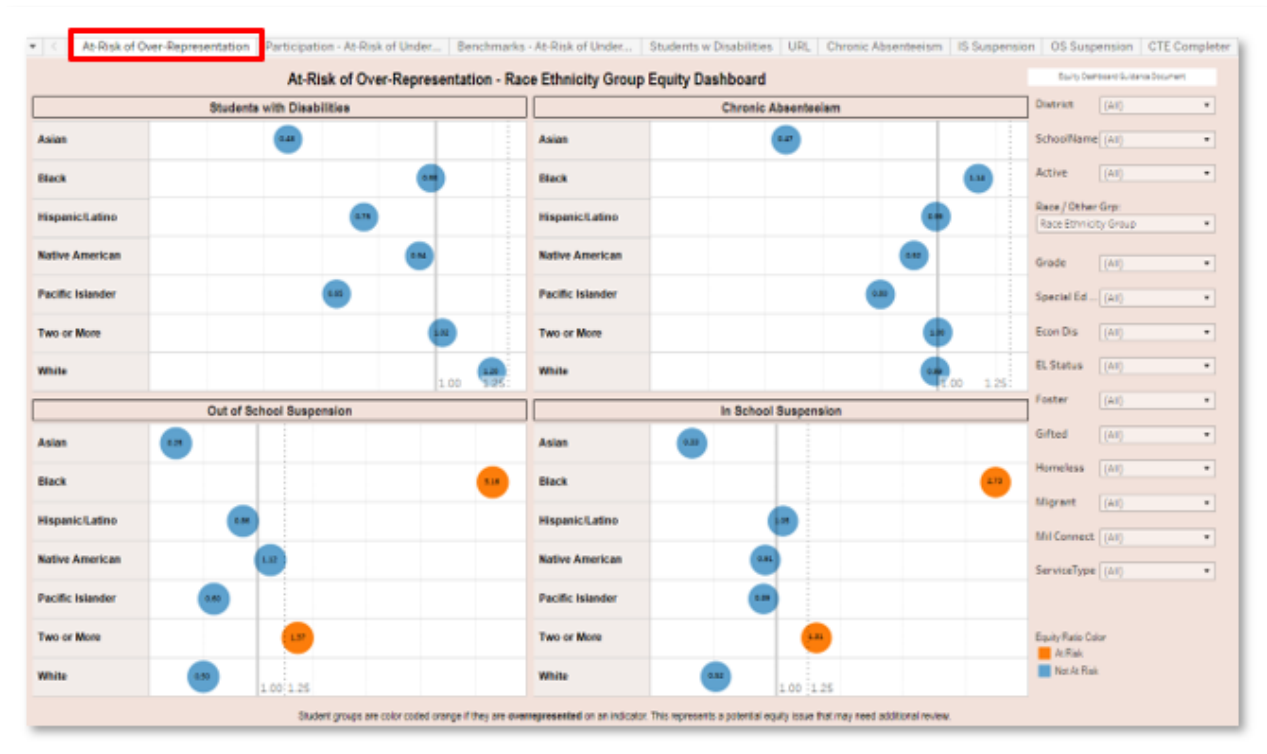
Parameters:

- Race/Other Grp: Allows for the indicators on the dashboard to be analyzed by student Race/Ethnicity or Other Student Groups. Other student Groups include: Female, Male, Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected, and Students with Disabilities.

## At-Risk of Over-Representation

Description: This workbook analyzes racial and demographic equity to indicate whether a specific student population is at risk of over-representation in a defined indicator. The indicators analyzing inequity for over-representation include: students with disabilities, chronic absenteeism, out of school suspensions, and in school suspensions. Equity is calculated using a risk ratio, comparing the number of students who meet the indicator criteria against the number of students who meet with an indicator and are outside of the specified student population.

The Race/Other Group parameter can be changed from Race Ethnicity to Student Subgroup to see two different views of over-representation.



## At-Risk of Under-Representation

Description: This workbook analyzes racial and demographic equity to indicate whether or not a specific student population is at risk of under-representation in a defined indicator. The indicators analyzing inequity for under-representation include: gifted and talented, advanced coursework, Career and Technical Education Coursework, and Career and Technical Education Completers (Prior Year). Equity is calculated using a risk ratio, comparing the number of students who meet the indicator criteria against the number of students who meet an indicator and are outside of the specified student population.

The Race/Other Group parameter can be changed from Race Ethnicity to Student Subgroup to see two different views of over-representation.



## Benchmarks – At-Risk of Under-Representation

Description: This workbook analyzes racial and demographic equity to indicate whether a specific student population is at risk of under-representation in an academic subject benchmark. The four content areas analyzed for inequity include Reading, English, Science, and Mathematics. Equity is calculated using a risk ratio, comparing the number of students who met the benchmark criteria against the number of students who met benchmark criteria and are outside of the specified student population.



## Additional Equity Visualizations

All of the individual visualizations used to populate the three main equity dashboards (At -Risk of Over-Representation, Participation – At-Risk of Under-Representation, and Benchmarks – At Risk of Under-Representation) are also published to provide the end user with additional abilities to explore equity data for students with specific characteristics. Each of the following visualizations function the same as the three main dashboard, however, allow the user to investigate one specific area on one visualization area.

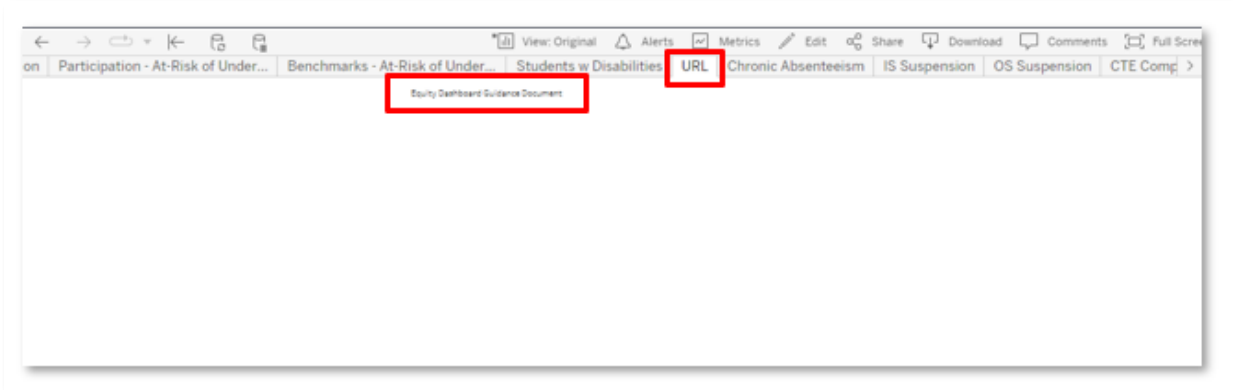
### Students with Disabilities

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students with disabilities. This visualization initially shows Students with Disabilities disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, in conjunction with selecting “Y” from the Special Ed Disability filter, will allow the user to determine if students with disabilities are more or less likely than students without disabilities to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



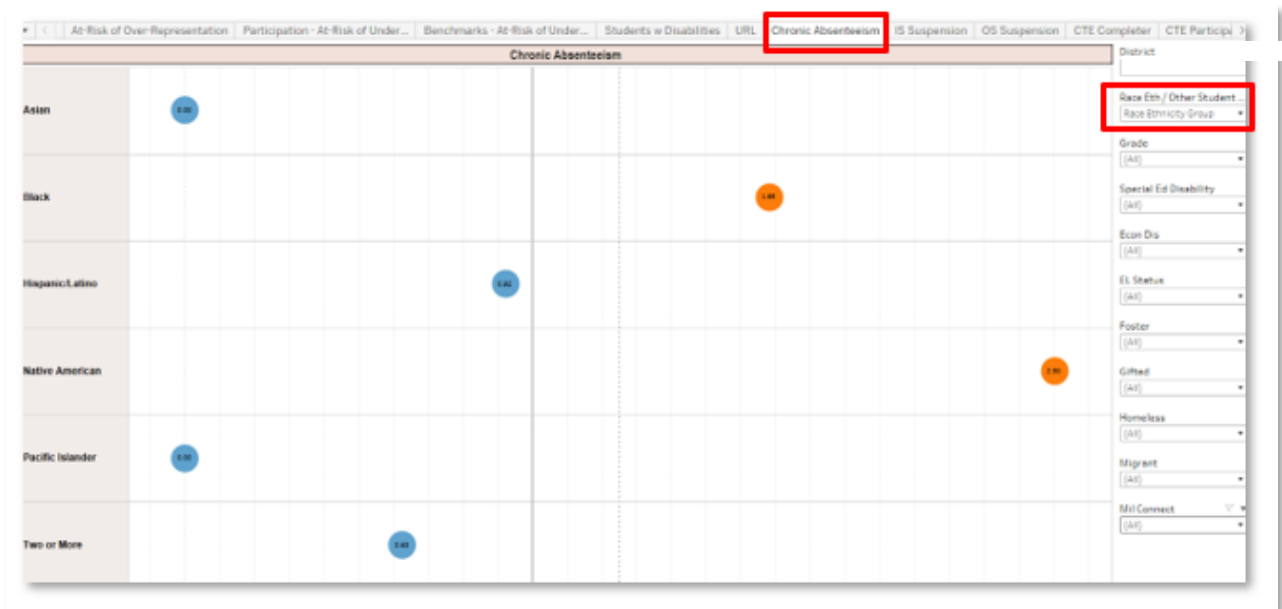
## URL

Description: Provides a link to the Equity Dashboard Guidance Document provided by KDE. This link is also provided on the three main Equity dashboards.



## Chronic Absenteeism

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students with who are Chronically Absent. This visualization initially shows data for Chronically Absent students disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who are Chronically Absent are more or less likely than students who are not Chronically Absent to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.





## IS Suspension

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have received In School Suspension. This visualization initially shows data for students who have received In School Suspension disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who have received In School Suspension are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



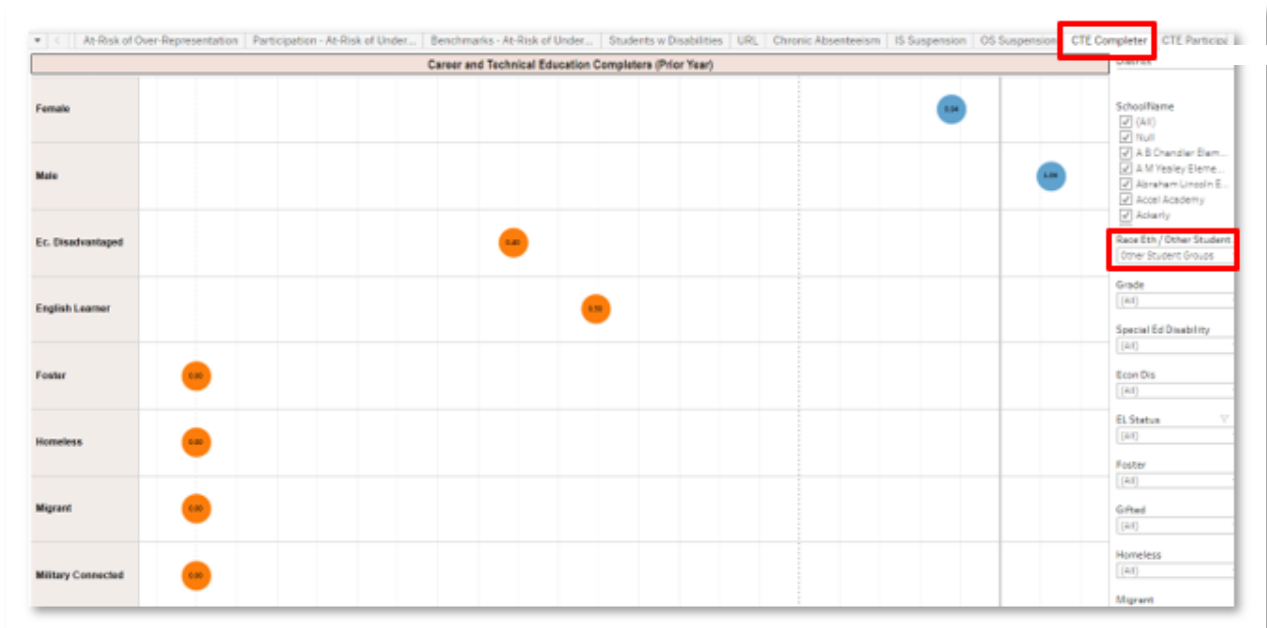
## OS Suspension

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have received Out of School Suspension. This visualization initially shows data for students who have received Out of School Suspension disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who have received Out of School Suspension are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



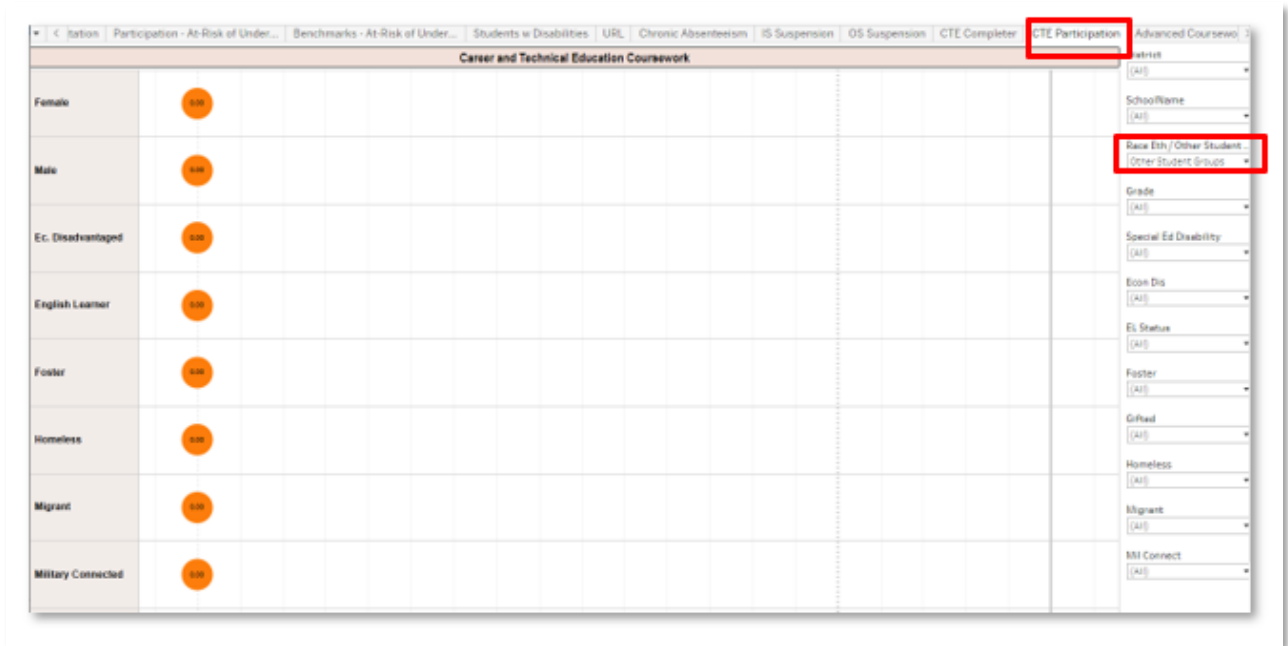
## CTE Completer

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have completed CTE courses. This visualization initially shows data for students who completed CTE courses disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who completed CTE courses are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



## CTE Participation

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have participated in CTE courses. This visualization initially shows data for students who have participated in CTE courses disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who have participated in CTE courses are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



## Advanced Coursework

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have participated in Advanced Coursework. This visualization initially shows data for students who have participated in Advanced Coursework disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who have participated in Advanced Coursework are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



## Gifted Talented

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who are Gifted / Talented. This visualization initially shows data for students who are Gifted / Talented disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who are Gifted / Talented are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



## Reading / Science / Mathematics / English

Description: Provides the ability for the end user to determine which areas they would like to analyze data for students who have met Benchmarks in each subject area (one visualization per subject area). This visualization initially shows data for students who have met Benchmarks disaggregated by Race / Ethnicity. Selecting the “Other Student Groups” option from the Race Eth / Other Student Groups filter, will allow the user to determine if students who met Benchmarks are more or less likely than students who have not to be indicated as Economically Disadvantaged, English Learner, Foster, Homeless, Migrant, Military Connected and Students with Disabilities.



## Workbook: State Assessments

Dashboards in the State Assessments workbook can be used for evaluating assessment detail in aggregate and by student. Filters and parameters used in these dashboards include:

### Filters:

- Test Year: Year in which the test was taken.
- Subject: Includes all KPREP, Alt-KPREP, and KSA(once available) subjects.
- School Level: Options include Elem, Middle, High, allowing the user to see all results for a specific school level.
- School Name: Will show all schools within a given school district.
- Test Grade: The grade level the student was in when taking the test.
- Current Grade: Grade Level that the student is currently enrolled in.
- Service Type: References the Service Type field included on the student enrollment records in Infinite Campus. Options include N-SpecialEd, P-Primary, S-Secondary
- Prof Level: Level of proficiency, including Distinguished, Proficient, Apprentice, Novice and No Score.
- Gender: Select all or both options.
- Race / Ethnicity: Select one or many options.
- EL Status: Allows filtering for students who are English Learners
- Econ Dis: Allows filtering for students who are Economically Disadvantaged
- Homeless: Allows filtering for students who are Homeless.
- Migrant: Allows filtering for students who are Migrants.
- Foster: Allows filtering for students who are in the foster care system.
- Special Ed Disability: Allows for the filtering by student Special Ed Disability code.

### Parameters:

- Test: Values include KPREP, Alt-KPREP and KSA (once available).
- Subject: Values include Math, Science and Reading.



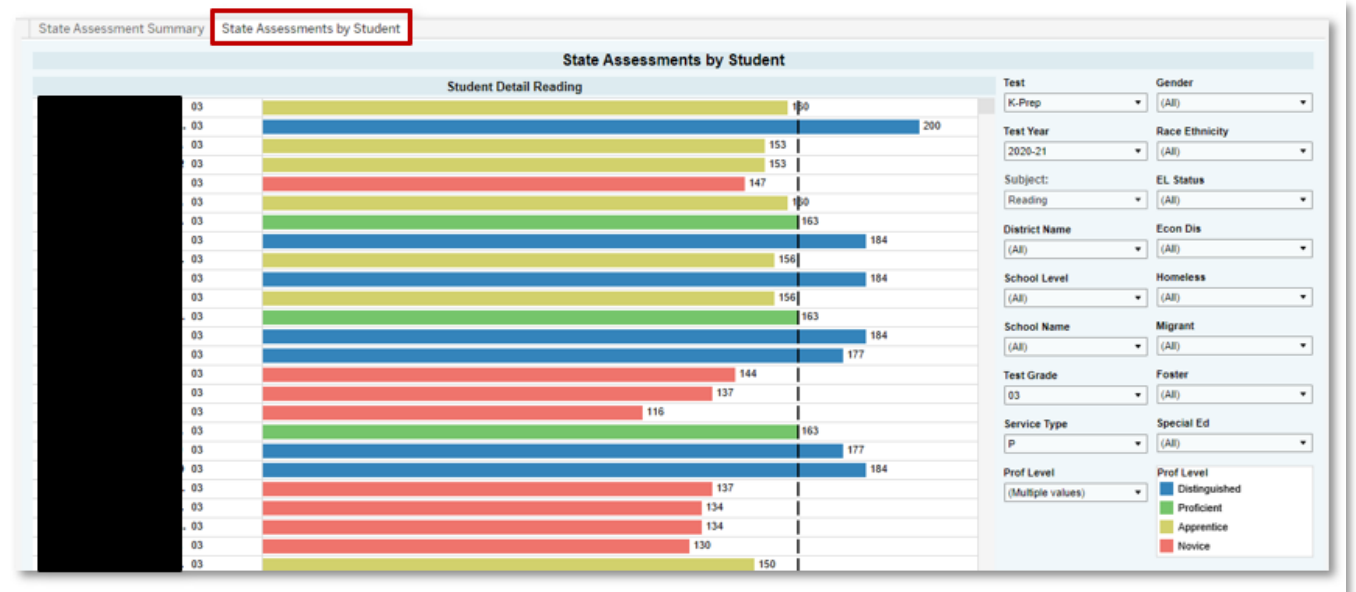
## State Assessment Summary

Description: This workbook analyzes state assessment data, including the KPREP, Alt-KPREP, and KSA scores (new fall 2022). Assessment scores can be analyzed at an aggregate, organizational level, by subject level and grade level. The detail provides a view of the number and percentage of students distinguished, proficient, apprentice, novice and students without scores by test.



## State Assessments by Student

Description: This workbook analyzes state assessment data, including the KPREP, Alt-KPREP, and KSA scores (new fall 2022), by student. Records are displayed showing student test scores, along with a vertical line indicating proficiency. Level of proficiency (Distinguished, Proficient, Apprentice, Novice, No Score) is represented by color of bar.



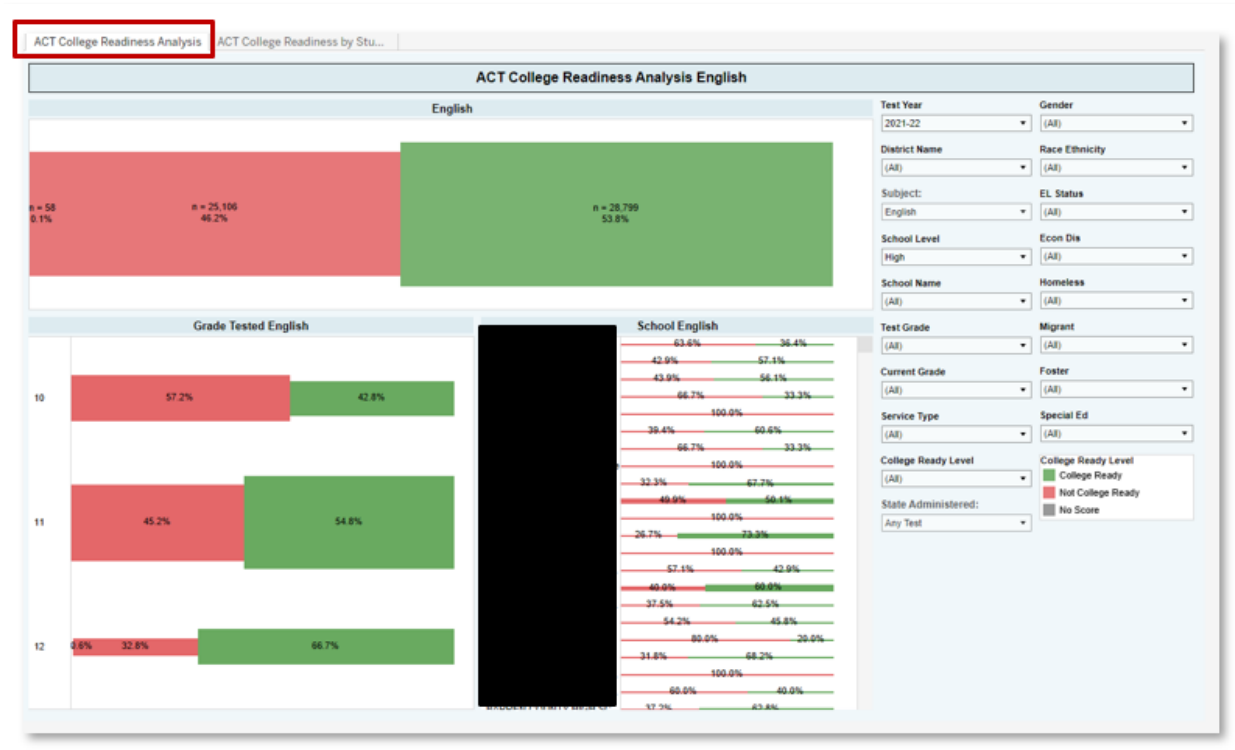
## Workbook: ACT

### ACT College Readiness Analysis

Description: This workbook analyzes ACT assessment data. Assessment scores can be analyzed at an aggregate / organizational level, with individual student scores available as well.

#### Parameters:

- Subject: Includes Composite, Mathematics, English and Reading.
- College Ready - Option to select All, College Ready, Not College Ready or No Score
- State Administered – Defaults to “Any Test” which includes all scores for national and state administered tests. Option to filter to only see state administered ACT scores. Highest score is shown if there are multiple scores.

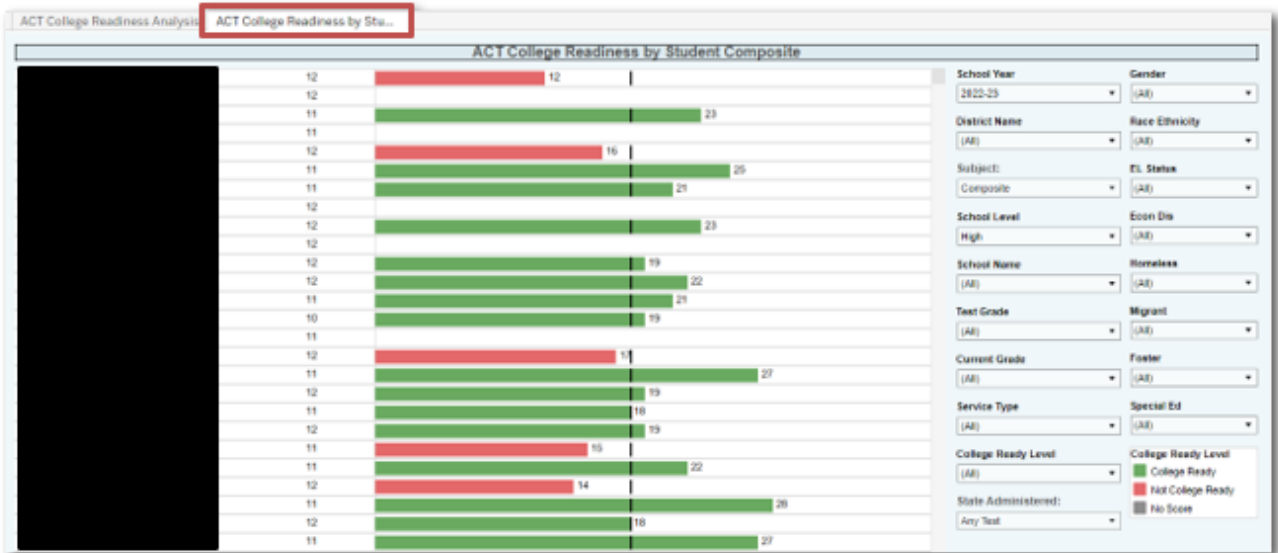


## ACT College Readiness by Student

Description: This workbook analyzes ACT data by student. Records are displayed showing student test scores, along with a vertical line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameters:

- Subject: Includes Composite, Mathematics, English and Reading.
- College Ready Level – Option to select All, College Ready, Not College Ready or No Score
- State Administered – Defaults to “Any Test” which includes all scores for national, and state administered tests. Option to filter to only see state administered ACT scores. Highest score is shown if there are multiple scores.



# Workbook: ACT Benchmark Analysis

## ACT Benchmark

Description: This workbook analyzes ACT assessment data by subject area, including Composite, English, Reading and Math. Assessment scores can be analyzed at an aggregate / organizational level, with individual student scores available as well.

Parameter:

State Administered: Select 'Any Test', or only 'State Administered' assessments.

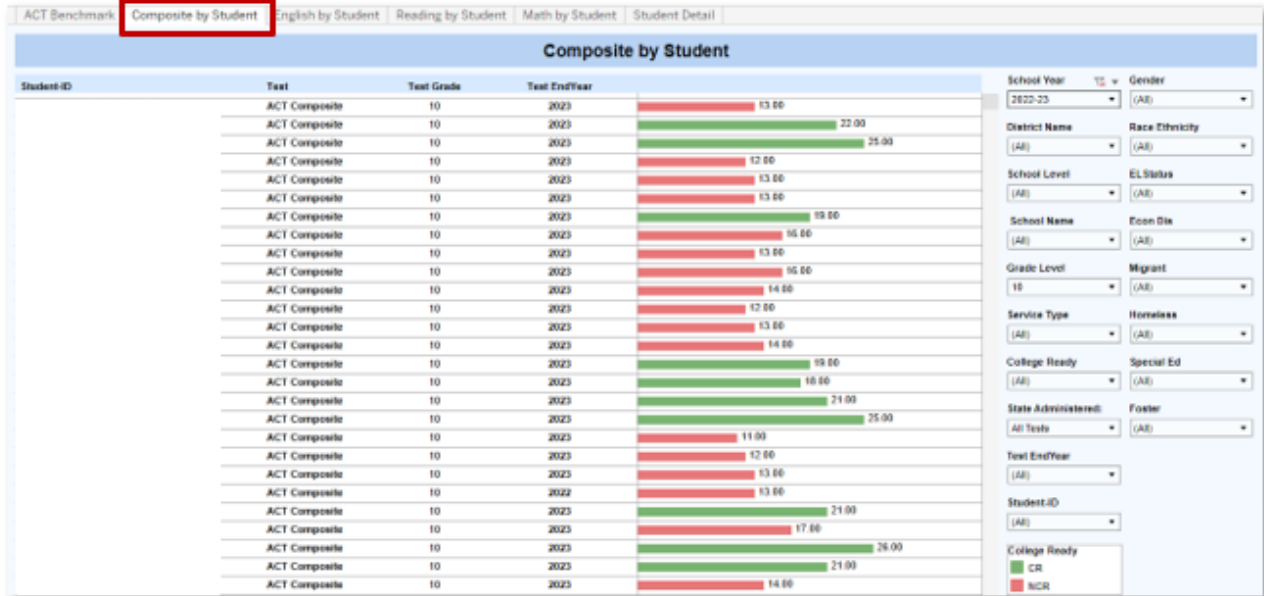


## Composite by Student

Description: This workbook analyzes ACT Composite scores, by student. Records are displayed showing student test scores, along with a colored horizontal line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameter:

- State Administered: Select 'Any Test', or only 'State Administered' assessments.

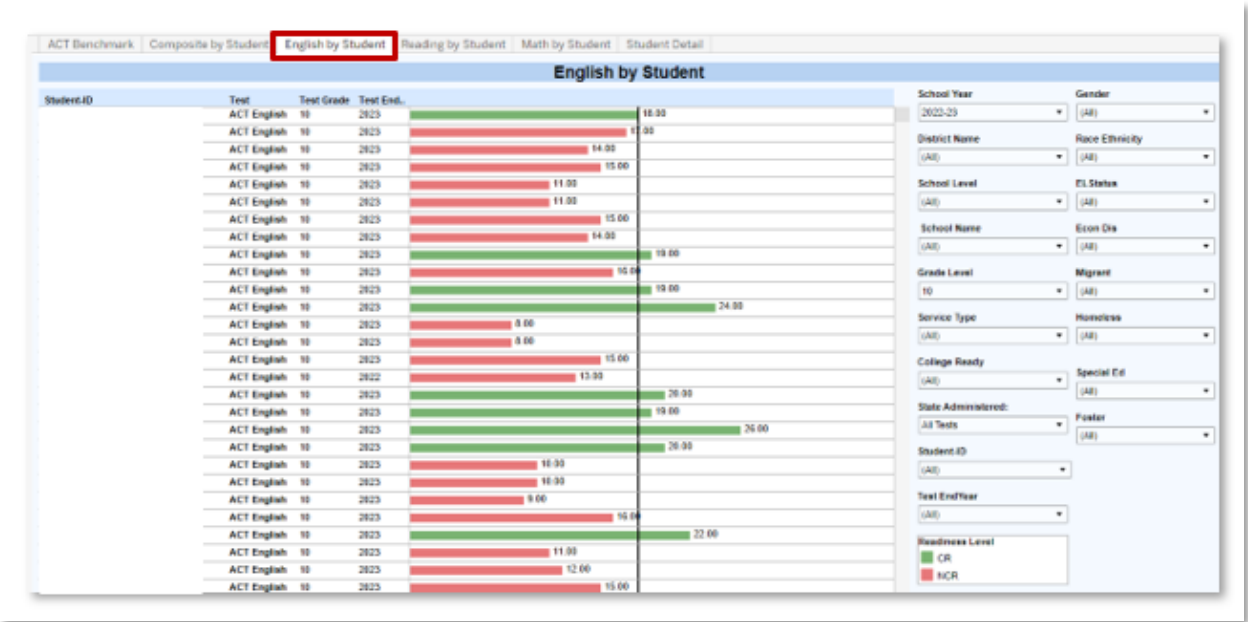


## English by Student

Description: This workbook analyzes ACT English scores, by student. Records are displayed showing student test scores, along with a colored horizontal line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameter:

- State Administered: Select 'Any Test', or only 'State Administered' assessments.



## Reading by Student

Description: This workbook analyzes ACT Reading scores, by student. Records are displayed showing student test scores, along with a colored horizontal line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameter:

- State Administered: Select 'Any Test,' or only 'State Administered' assessments.



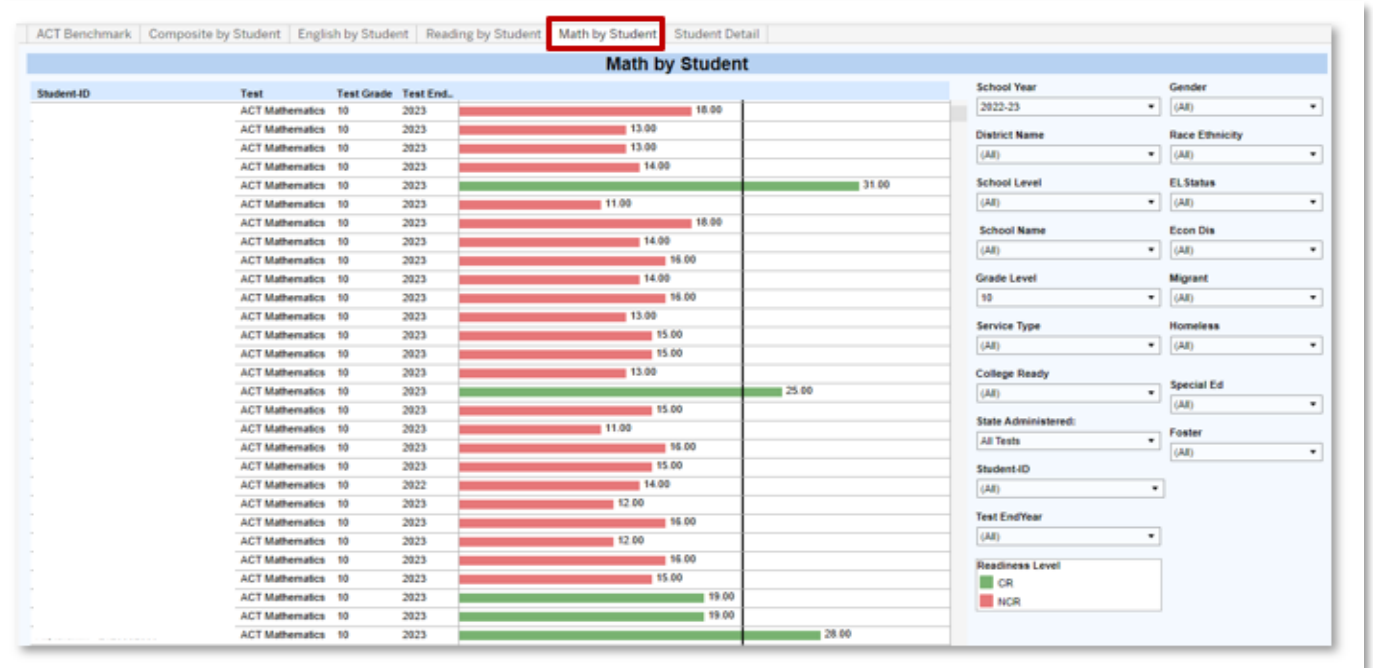


## Math by Student

Description: This workbook analyzes ACT Math scores, by student. Records are displayed showing student test scores, along with a colored horizontal line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameter:

- State Administered: Select 'Any Test', or only 'State Administered' assessments.



## Student Detail

Description: This workbook analyzes ACT Math scores, by student. Records are displayed showing student test scores, along with a colored horizontal line indicating college readiness. Level of proficiency (College Ready, Not College Ready, No Score) is represented by color of bar.

Parameter:

- State Administered: Select 'Any Test', or only 'State Administered' assessments.

Student Detail						School Year	Gender
Student-ID	Test EndYear	Grade Level	Test	College Ready			
	2022	11	ACT Composite	CR	21	2022-23	(All)
			ACT English	NCR	17		
			ACT Mathematics	CR	20		
			ACT Reading	CR	23		
	2023	11	ACT Composite	CR	20		
			ACT English	CR	18		
			ACT Mathematics	NCR	17		
			ACT Reading	CR	28		
	2023	11	ACT Composite	NCR			
			ACT English	NCR			
			ACT Mathematics	NCR			
			ACT Reading	NCR			
2023	11	ACT Composite	NCR				
		ACT English	NCR				
		ACT Mathematics	NCR				
		ACT Reading	NCR				
2022	11	ACT Composite	CR	21			
		ACT English	CR	22			
		ACT Mathematics	CR	23			
		ACT Reading	NCR	13			
2023	11	ACT Composite	NCR				
		ACT English	NCR				
		ACT Mathematics	NCR				
		ACT Reading	NCR				

District Name	(All)	Race Ethnicity	(All)
School Level	(All)	ELStatus	(All)
School Name	(All)	Econ Dis	(All)
Grade	11	Migrant	(All)
ServiceType	(All)	Gifted	(All)
College Ready	(All)	Homeless	(All)
State Administered:	All Tests	Special Ed	(All)
Student - ID	(All)	Foster	(All)
Test EndYear	(All)		
College Ready	<div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: green; margin-right: 5px;"></div> CR         </div> <div style="display: flex; align-items: center;"> <div style="width: 10px; height: 10px; background-color: red; margin-right: 5px;"></div> NCR         </div>		

## Workbook: KSA Multi-Year Student Profile

Description: This workbook analyzes multiple years of KSA assessment data by student, including subject areas of Reading, Mathematics, Science, Social Studies, Combined Writing, Writing, and Editing Mechanics. Scores are displayed after selecting a student from the “Student ID” filter.



Please note the comment at the bottom right of the visualization.

**Service Type:** P

**Migrant:** (All)

**Foster:** (All)

**Special Ed:** (All)

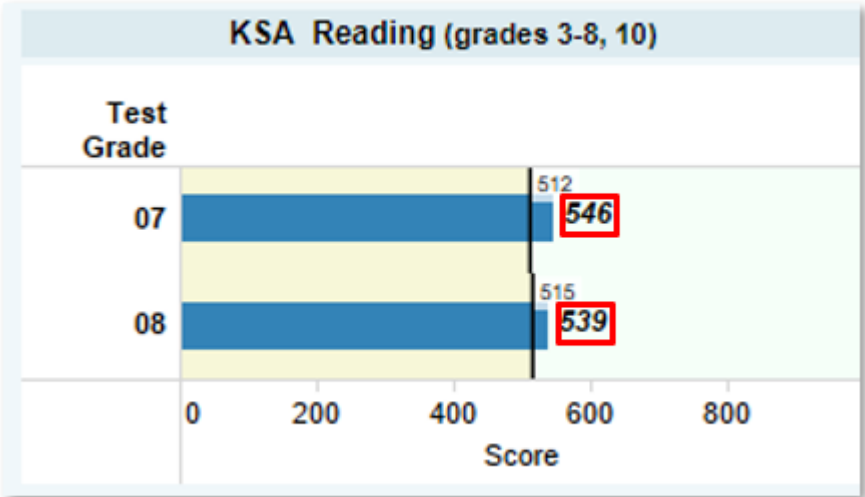
**Student-ID:** [Redacted]

**Proficiency Level Legend:** Distinguished (Blue), Proficient (Green), Apprentice (Yellow)

**Explanatory Text (highlighted in red box):**

- The vertical line marks the cut score for achieving proficiency. The cut score is at the top of the line.
- The bar length marks the student's score. The student's score is in italics at the right of the bar.
- The bar color indicates the student's proficiency level for the subject.

Vertical Line indicates the minimum value required for proficiency. The student's score is displayed in bold font, and depicted in length of bar.

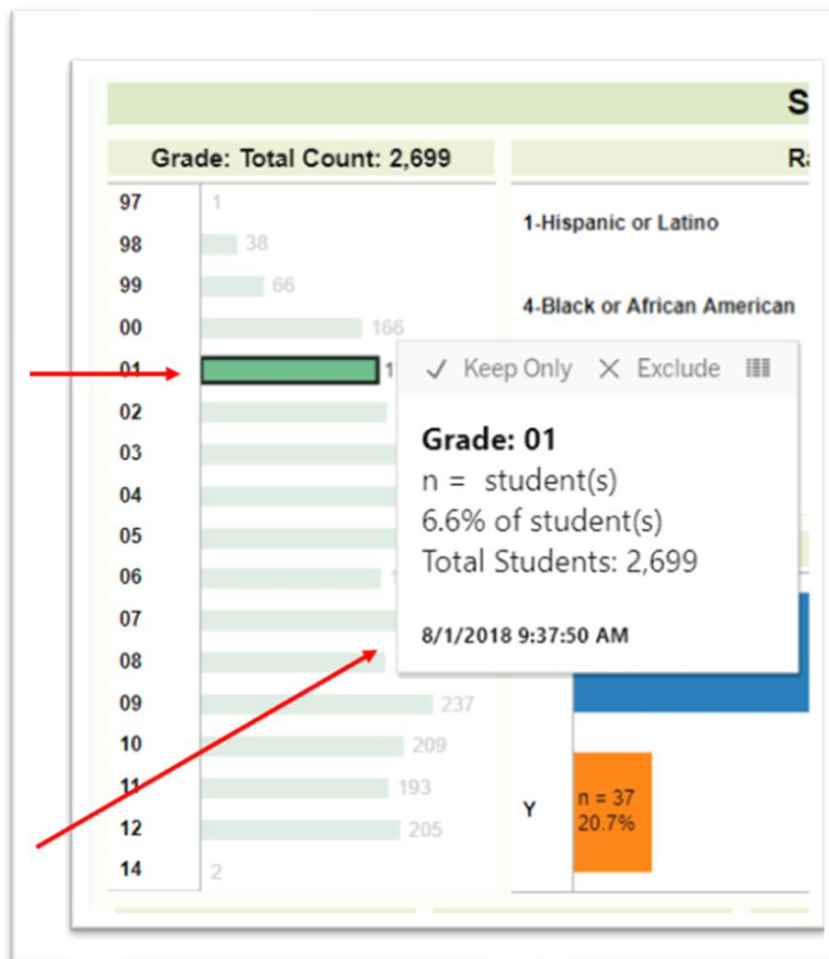




## Tableau Tips

1. When working in any visualization, selecting a bar on any graph will select only the students represented by that bar. In the example to the right, the grade 01 bar was selected. Once selected, all other graphs displayed on this dashboard will update to reflect only first grade students.

To return to seeing the entire student population, select the bar again.



2. When hovering over a bar or other data points, additional information will show in the “tooltip”, providing more details about the data selected.
3. To display detailed student data, hover over the desired data point. When the tooltip appears, select the grid lines that appear.

✓ Keep Only ✕ Exclude 

**Grade: 01**

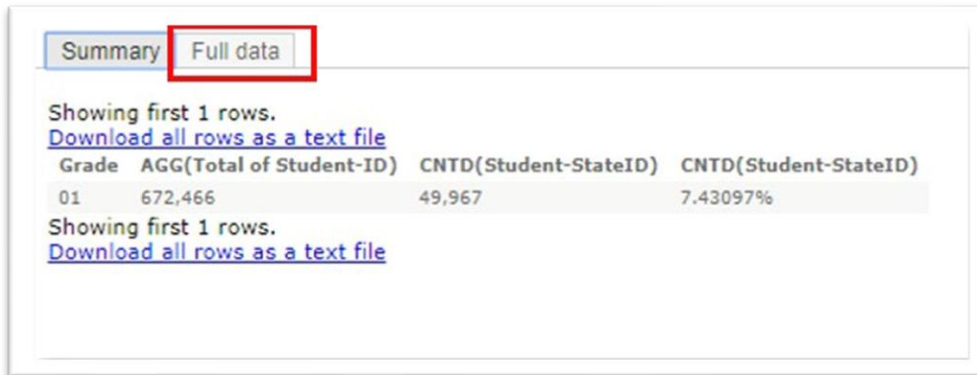
n = student(s)

6.6% of student(s)

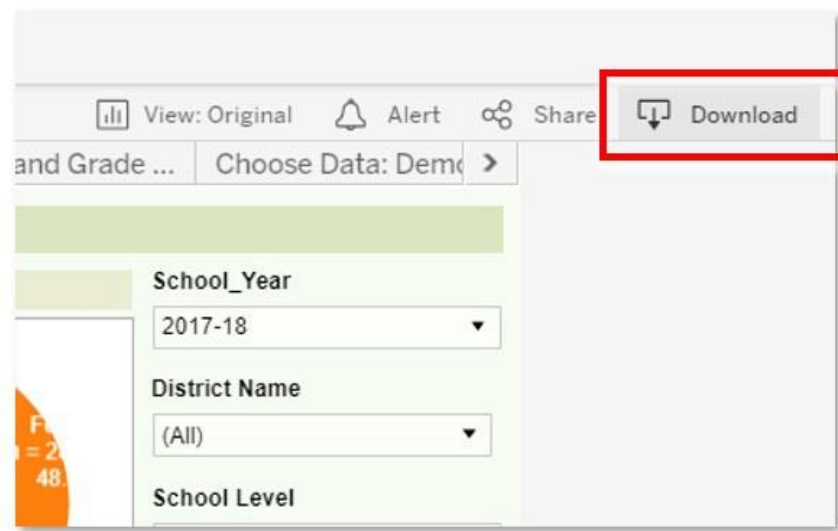
Total Students: 2,699

8/1/2018 9:37:50 AM

- When the new window appears, select “Full Data” to see the individual student records.  
Note that you can also download this data into a text file.



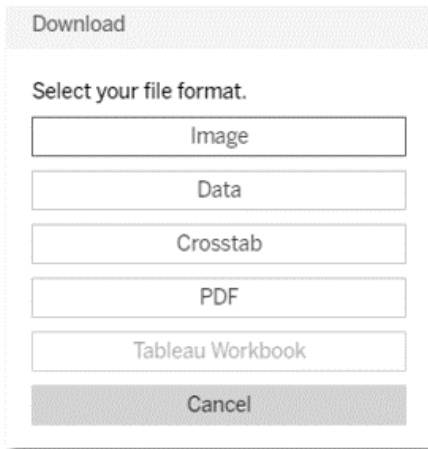
- To download, or print a visualization, select the “Download” button at the top right corner of the visualization screen.





In the additional window that appears, you can select to download:

- Image: Will provide an image of the visualization showing on the screen.
- Data: Will download the data from the visualization.
- Crosstab: Will automatically download the data into a .csv / spreadsheet
- PDF: Will provide an Adobe Reader file that can be saved electronically or printed.



6. If you are an Infinite Campus System Administrator who has security rights to more than one calendar, and you would like to test access for the users who you have added to the Tableau Viz – Building and Dist user group, complete the following steps:
  - a. Open a new Incognito/InPrivate/Private browser window. For example, this can be done using the Chrome browser by selecting ctrl+shift+N.
  - b. Follow the link to kde-Tableau, at which point you should be prompted to log in using the impersonated user’s email address and Windows password.

## Support

- For assistance with accessing the system, please contact your district KSIS Administrator
- For questions about the data, calculations, or charts, please contact the KDE Data Request team at [kdedatarequest@education.ky.gov](mailto:kdedatarequest@education.ky.gov).