

BIE Graduation Rate Data Mart

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Tool Search: Graduation Rate Data Mart

BIE Graduation Rate Data Mart Logic | Data Mart Workflow | Generate a Snapshot | Snapshot Editor Field Descriptions | Notifications | Generate a Report | Report Example | BIE Graduation Rate Data Mart Reported Fields

Data Marts provide a way for states and districts to federally report on a variety of student data collections. The information stored in a data mart is collected with a <u>snapshot</u> and cannot be altered. Each data mart follows the same validation and authentication workflow process to allow for corrections to be made to student information fields before final sign-off and submission to federal reporting.

The **BIE Graduation Rate Data Mart** collects and stores student information relative to high school graduation and exit data for students of a specific cohort year. This tool should be used after the completion of a cohort year. Example: if the 2019-2020 year is complete, a snapshot is collected for the cohort class of 2020. Users should review the information collected and make all necessary changes in the user interface.

The BIE Graduation Rate Data Mart tool is available in both BIE District Edition and NASIS State Edition sites. However, the **Authentication Snapshot** is only available to State Edition users.

BIE Graduation Rate Data Mart ☆ Reporting > BIE Reports > BIE Graduation Rate Data Mart					
BIE Graduation Rate Data Mart					
This tool is used to collect, validate and authenticate student graduation cohort data for fed	leral reporting.				
Users must begin by selecting the 'Snapshot' button to start the data capture process. Data selecting the 'Report' button.	from the snapshot is then built into a table where it can be extracted into a readable report by				
It is recommended this tool be used after the completion of the cohort year. Example: if the	19-20 year is complete, a snapshot is collected for the cohort class of '20.				
Snapshot Captures a snapshot of student data for validation and authentication. Print a report of the data gathered by the snapshot. This option is not available until after a snapshot is captured.					
BIE Graduation Rate Data Mart Tool					

Read - View the BIE Graduation Rate Data Mart tool.

Write - Generate snapshots and reports using the BIE Graduation Rate Data Mart tool.

Add- N/A



Delete - N/A

Users must have tool rights to both the BIE Graduation Rate Data Mart tool and its validation / authentication sub-tools. Users with **Read** rights to the BIE Graduation Rate Data Mart tool will receive a notification in their Process Alerts when either a snapshot or report has finished processing. Only BIE State Edition users can generate an Authentication Snapshot. The Authentication Snapshot sub-right is ONLY available in NASIS State Edition sites.

For more information about Tool Rights and how they function, see the Tool Rights article.

BIE Graduation Rate Data Mart Logic

State Edition and District Edition sites use the following logic when a snapshot is generated.

▶ Click here to expand...

Data Mart Workflow

Additional information regarding the process and workflow of a Data Mart can be viewed in the Data Mart Workflow article.

All Data Marts follow a two-step Validation and Authentication process. By following this process, student data can be reviewed and corrected before it is submitted on for federal reporting.

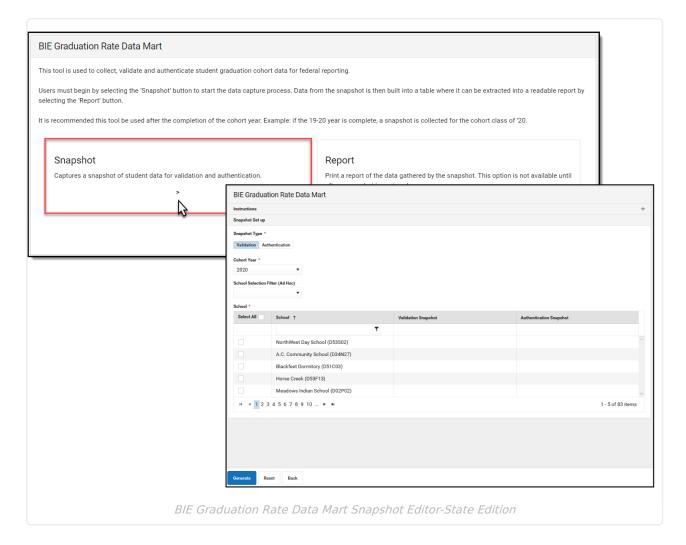
Generate a Snapshot

Snapshots are the student data collection method data marts use to capture specific data points (first name/last name, gender, etc.) at a particular moment in time and build them into a data table. Student information captured by a snapshot is static and will not be reflective of real-time changes made in the user interface where the data fields live.

For each school included in the snapshot, one data table is built. A school must have at least one eligible calendar for a snapshot to generate. This process can be done for one to multiple schools at a time, but processing time may vary when more than one school is selected.

The **Authentication Snapshot** is only available to State Edition users.





- 1. Select **Snapshot** from the BIE Graduation Rate Data Mart tool.
- 2. Select a **Snapshot Type:** Validation or Authentication.
- 3. Select a **Cohort Year.** If calendar year is 19-20 the cohort year is 2020.
- 4. Select a pre-created Ad Hoc filter from the **School Selection Filter**. (Optional) This field is only available in State Edition.
- 5. Select one or multiple **schools**. One snapshot will generate per school.
- Select **Generate**. Notification will be sent to Process Alerts when the snapshot is done processing.

Consider generating new snapshots when:

- Corrections made to student information fields are not reflected when the report is generated.
- A length of time has passed from when the last snapshot was generated and the final report is being submitted.

Snapshots can be generated as needed. However, a history of snapshots is not be stored and data from the previous snapshot will be overwritten when a new snapshot is generated.



Snapshot Editor Field Descriptions

Field	Description		
Snapshot Type (State Edition only)	 Validation captures the records from the user interface and builds a data table. A validation snapshot is required before an authentication snapshot can be generated. After generating the validation snapshot use the validation report to review the data. Authentication is a copy of the data collected from the most recent validation snapshot and is used for federal reporting submission. After generating the authentication snapshot use the authentication report for final sign-off and submission. 		
	Consider generating a final validation snapshot before the authentication snapshot is generated. This will ensure any changes made during the validation process are captured and all correct information is submitted for final reporting.		
Cohort Year	Identified as the last year of the graduating cohort. Example: If it is the 19-20 school year, select 2020 for the Cohort Year.		
School Selection Filter (Ad hoc) (State Edition only)	Allows for the selection of an ad hoc filter to filter down to a pre-defined list of schools.		
School	Allows for the selection of one or multiple schools. Snapshot processing time may vary if more than one school is selected. Use the search field located at the top of the school list to search for a specific school. Only one snapshot will be generated and stored per school.		
Count of Selected Schools	Displays a numeric value for the amount of schools that have been selected to be included in the snapshot.		
Select All	Selects all schools across all pages to be included in the snapshot.		
View Selected	Displays a view-only side panel with a listing of all the schools selected for the snapshot.		



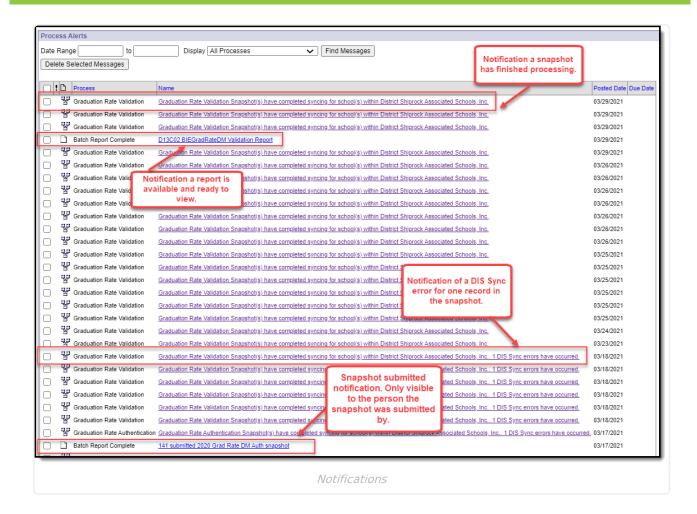
Field	Description		
Generate	Select after all other required field selections have been made. A report is not automatically produced when a snapshot has finished generating. Refer to the Report section for further details.		
	Campus does not retain a history of snapshots. When a new snapshot is generated, data from the previous snapshot will be overwritten. Users may choose to generate a new snapshot as corrections are being made to various areas of student information.		
Reset	Returns screen to original defaults.		
Back	Returns user to the BIE Graduation Rate Data Mart editor screen.		

Notifications

Users with **Read** access to the BIE Graduation Rate Data Mart tool receive notifications in their Process Alerts when:

- A snapshot has been submitted. Only the user who submitted the snapshot will receive this notification. A notification report displays by clicking on the message link.
- A snapshot (validation or authentication) has been submitted and has completed syncing. To view the data captured by the completed snapshot, a report must be generated.
- A report is available. If a user selected Submit to Batch Queue to generate the report (validation or authentication), a notification will display when it is ready to view. Click the message link to view the report. The report can also be retrieved from the data mart's Report tool.
- An error has prevented a record from syncing to the state . The DIS Sync error can be further reviewed in the Error Log under System Administration > Data Interchange.
 - Errors can not be corrected in the snapshot. If a correction is needed, it must be made in the location the data is entered. Generate a new snapshot to sync the corrected record.
 - If a record failed to sync, only that record is affected and will not prevent other records from syncing.





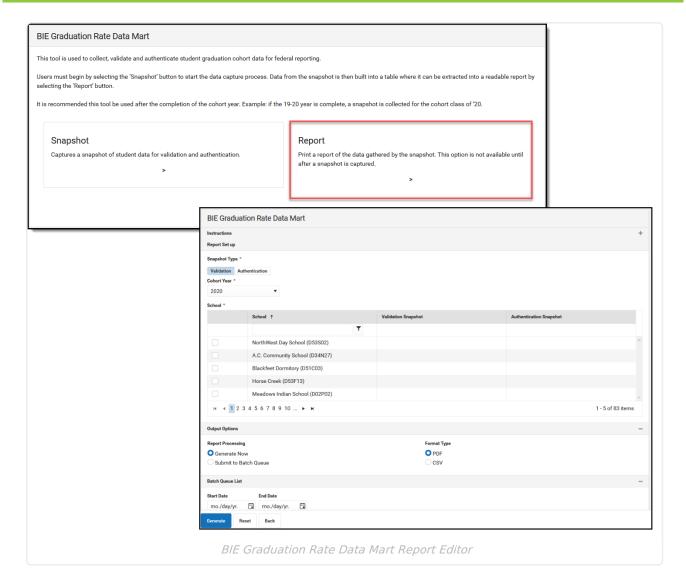
Generate a Report

Generate a report for a specific school and cohort year to review or authenticate the student information captured by the snapshot. Only one school and cohort year may be selected at a time.

A sign-off page appends to the end of the printed Authentication Report. This only appends to PDF report formats.

The BIE Graduation Rate Data Mart report includes personally identifying student information including NASIS IDs.





- 1. Select Report.
- 2. Select a Snapshot Type.
- 3. Select a **Cohort Year**. If calendar year is 19-20 the cohort year is 2020.
- 4. Select a **school**. This does not allow for selection of more than one school.
- 5. Select *Generate Now* or *Submit to Batch Queue* under **Report Processing**.
 - If Submit to Batch Queue is selected, a Process Alerts notification will be sent to the user's Message Center when the report is ready to view.
- 6. Select Report Format (CSV or PDF).
- 7. Select Generate.

Report Editor Field Descriptions

Field Description	
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Field	Description
Snapshot Type	 Determines which table to generate the report from (Validation or Authentication). Only a Validation Report can be used with a Validation Snapshot. Only an Authentication Report can be used with an Authentication Snapshot.
Cohort Year	Identified as the last year of the graduating cohort. Example: If it is the 19-20 school year, select 2020 for the Cohort Year.
School	Allows for the selection of a single school to view the data records captured by the snapshot.
Output Options	
Report Processing	Determines if the report should be generated now or processed at a later time. If Batch Queue is selected, users will receive a notification in their Process Alerts inbox when the report is ready.
Format Type	Options include CSV or PDF.
	The Authentication Signature page only appends when the Authentication Report is generated in PDF format.
	This report returns a high amount of data points therefore users may find it easier to review in CSV format first.

Report Example



BIE Graduation Rate Data Mart Report

Cohort Year: 2020

District: Eagle River School School: Eagle River School

Authentication Date: 02/10/2021 11:56:00 AM **Validation Snapshot Date:** 02/10/2021 11:11:00 AM

Generated On: 2/10/2021 12:03:18 PM

Nasis ID	Grade 9 Date	NCLB Cohort Year	Cohort Start	Transfer In	Transfer Out	Other Deduction	Cohort End	Gra	aduate	Dropout	Remain In School
			Start Date Grade	Start Date Start Status Grade	End Date End Status Grade	End Date End Status Grade	End Date Grade	End Date Grade	Diploma Date Diploma Type		Start Date Grade
ì	08/22/2016	2020	08/22/2016 09				03/11/2019 11			03/11/2019 26 11	
	12/07/2016	2020		12/07/2016 04 09	05/04/2017 04 09						
	08/22/2016	2020	08/22/2016 09		12/04/2018 23 11		05/30/2018 10				
	02/15/2017	2020	08/24/2017 10	02/15/2017 04 09			05/30/2018 10			05/30/2018 29 10	
	08/22/2016	2020	08/22/2016 09				04/24/2019 11			04/24/2019 26 11	

Authentication Report - PDF



BIE Graduation Rate Data Mart Report				
	Cohort Year: 2020			
District: Eagle Riv	District: Eagle River School School: Eagle River School			
Authentication D	pate: 04/12/2021 03:55:00 PM	Validation Snapshot Date: 04/12/2021 03:21:00 PM		
	Generated	On: 5/14/2021 1:35:21 PM		
I (we) hav I (we) co	e completed the steps necessary to auther nclude that the data accurately reflects gra	nticate the data contained within the BIE Graduation Rate Data Mart. aduation details for students associated to the specified cohort year.		
	Signature	Date		
	Name (please print)			
	Title			
	Signature	 Date		
	Name (please print)			
	Title			
Page 6 of 6				

BIE Graduation Rate Data Mart Reported Fields

Field	Description	Location
Authentication Date	The date and time when the BIE Graduation Rate Data Mart snapshot was authenticated for the school.	N/A
Validation Date	The date and time of the last BIE Graduation Rate Data Mart validation snapshot for the school.	N/A
NASIS ID	The unique identifier for the student.	Census > People > Demographics > NASIS ID Database: person.otherID



Field	Description	Location
Last Name CSV Only	Reports the student's last name.	Census > People Identities > Current Identity > Last Name Database: identity.lastName
First Name CSV Only	Reports the student's first name.	Census > People Identities > Current Identity > First Name Database: identity.firstName
Middle Name CSV Only	Reports the student's middle name.	Census > People Identities > Current Identity > Middle Name Database: identity.middleName
Name Suffix CSV Only	Reports the suffix of the student's name.	Census > People Identities > Current Identity > Suffix Database: Identity.suffix
Birth Date CSV Only	Reports the student's date of birth.	Census > People > Identities > Current Identity > Birth Date Database: Identity.birthDate
Gender CSV Only	Reports the student's sex.	Census > People > Identities > Current Identity > Gender Database: student.gender
Grade 9 Date	Reflects the date the student first entered 9th grade.	Student Information > General > Graduation > Date First Entered the 9th Grade Database: graduation.grade9Date
NCLB Cohort Year	The NCLB Cohort End Year for the student .	Student Information > General > Graduation > NCLB Cohort End Year Database: graduation.cohortYearNCLB



Field	Description	Location			
Cohort Start (Enrollment Start Date, Grade)					
Start Date	Reports the enrollment start date the student entered into the cohort.	Student Information > General > Enrollment > Start Date Database: enrollment.startDate			
Grade	Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	Student Information > General > Enrollment > Grade System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code Database: GradeLevel.regionalGrade			
Transfer In (Enro	llment Start Date, Start Status, Gra	ade)			
Start Date	Reports the enrollment start date when the student transferred in to the cohort.	Student Information > General > Enrollments > Start Date Database: enrollment.startDate			
Start Status	Reports the code of the BIE Start Status when the student first transferred into the cohort.	Student Information > General > Enrollments > Start Status Database: bie.startStatusBIE			
Grade	Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	Student Information > General > Enrollments > Grade System Administration > Calendar > Calendar > Grade Levels > BIE Grade Level Code Database: GradeLevel.regionalGrade			
Transfer Out (Enrollment End Date, BIE End Status, Grade)					



Field	Description	Location			
End Date	The enrollment end date when the student transferred out of the cohort. If the enrollment End Date field is blank, the end date on the calendar tied to the enrollment reports.	Student Information > General > Enrollment > End Date System Administration > Calendar > Calendar > End Date Database: enrollment.endDate			
BIE End Status	Reports the BIE End Status of the enrollment when the student transferred out of the cohort.	Student Information > General > Enrollment > BIE > End Status Database: bie.endStatusBIE			
Grade	Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	Student Information > General > Enrollment > Grade System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code Database: GradeLevel.regionalGrade			
Other Deduction	Other Deduction (Enrollment End Date, End Status, Grade)				
End Date	Reports the enrollment End Date when the student was removed from the cohort for other non-deduction reasons. Reports the end date of the calendar	Student Information > General > Enrollment > End Date System Administration > Calendar > Calendar > End Date			
	tied to the enrollment if the end date on enrollment is blank.	Database: enrollment.endDate			
BIE End Status	Reports the BIE End Status on the enrollment when the student was removed from the cohort for other non-deduction reasons.	Student Information > General > Enrollment > BIE > End Status Database: bie.endStatusBIE			



Field	Description	Location		
Grade	Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code		
		Student Information > General > Enrollment > Grade		
		Database: GradeLevel.regionalGrade		
Cohort End (Enro	ollment End Date, Grade)			
End Date	Reports the enrollment end date that indicates the student is no longer in the cohort.	Student Information > General > Enrollment > End Date		
		Database: enrollment.endDate		
Grade	Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	Student Information > General > Enrollment > Grade		
		System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code		
		Database: GradeLevel.regionalGrade		
Graduate (Enrollment End Date, Grade, Diploma Date, BIE Diploma Type)				
End Date	Reports the End Date of the student's enrollment.	Student Information > General > Enrollment > End Date		
		Database: enrollment.endDate		



Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment. The date the student received their diploma. If null, reports blank. Reports the code of the BIE Diploma	Student Information > General > Enrollment > Grade System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code Database: GradeLevel.regionalGrade Student Information > General > Graduation > Diploma Date Database: graduation.diplomaDate		
diploma. If null, reports blank.	Graduation > Diploma Date Database:		
Reports the code of the BIF Diploma			
Type the student earned.	Student Information > General > Graduation > BIE Graduation Information > BIE Diploma Type Database: graduation.diplomaTypeBIE		
Dropout (Enrollment End Date, BIE End Status, Grade)			
Reports the enrollment end date tied to when the student was considered a drop-out and removed from the cohort.	Student Information > General > Enrollment > End Date Database: enrollment.endDate		
Reports the BIE enrollment end status of the ended enrollment tied to when the student dropped-out and removed from the cohort.	Student Information > General > Enrollment > BIE > End Status Database: bie.endStatusBIE		
Reports the BIE Grade Level Code mapped to the student's grade level on their enrollment.	System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code Database: GradeLevel.regionalGrade		
	Reports the enrollment end date tied to when the student was considered a drop-out and removed from the cohort. Reports the BIE enrollment end status of the ended enrollment tied to when the student dropped-out and removed from the cohort. Reports the BIE Grade Level Code mapped to the student's grade level		



Field	Description	Location
Start Date	Indication that the student did NOT leave the cohort for the following reasons: • DRP (Drop-Out) • DED (Cohort Deduction) • GRD (Graduated) • TOT (Transfer Out) End date is not a required field on enrollment. Because of this, the start date is used to refer back to.	Student Information > General > Enrollment > End Date System Administration > Calendar > Calendar End Date Database: enrollment.startDate
Grade	Reports the BIE Grade Level Code mapped to the grade of the student's reporting enrollment.	System Administration > Calendar > Calendar > Grade Level > BIE Grade Level Code Database: GradeLevel.regionalGrade
Activity After Graduation/Exit CSV Only	Reports the code of the value identifying the student's activities after graduating or exiting the school. If null, reports blank.	Student Information > General > Graduation > BIE Activity after Grad/Exit Database: Graduation.dropoutCodeBIE
Post Graduation/Exit Plans CSV Only	Reports the code of the value identifying the student's post school graduation/exit plans.	Student Information > General > Graduation > BIE Post Grad/Exit Plans Database: Graduation.postGradPlansBIE
Primary Disability CSV Only	Reports the student's primary disability from the last year of their enrollment within the cohort. The following LOCKED BIE plan types will report: BIE IEP BIE IEP with Transition	Student Information > Special Ed > General > Documents > Plans > Enrollment Status > Primary Disability Database: planstate.disability1



Field	Description		Location
Special Ed Setting CSV Only	Reports the student's Special Ed Setting from the last year of their enrollment within the cohort. The following LOCKED BIE plan types will report: • BIE IEP • BIE IEP with Transition		Student Information > Special Ed > General > Documents > Plans > Enrollment Status > Special Ed Setting Database: planstate.specialEdSetting
English Learner CSV Only	Using the last cohort year identified for the student, a temporary reporting window is created WHERE: • Window Start is the earliest calendar start date across all calendars of a school • Window End is the latest calendar end date across all calendars of a school If Reports as		Student Information > General > Program Participation > English Learners (EL) > Program Status Student Information > General > Program Participation > English Learners (EL) > Identified Date Student Information > General > Program Participation > English Learners (EL) >
	Student's Program Status equals EL OR Student's Program Status = Exited EL AND Program Exit Date is EQUAL TO OR GREATER THAN system date	EL	Student Information > Program Participation > English learners (EL) Database: Calculated



Field	Dlfscription	Reports as	Location
	Student Program Status = Exited EL	1	
	AND		
	First Year Monitoring Date is on or within the reporting window		
	Student Program Status = Exited EL	2	
	AND		
	Second Year Monitoring Date is ON OR WITHIN the Reporting Window		
	Student Program Status = Exited EL	3	
	The Third Year Monitoring Date ON OR WITHIN the Reporting Window		



Field	Dlescription	Reports as	Location
	Student Program Status = Exited EL AND The Fourth Year Monitoring Date ON OR WITHIN the Reporting Window	4	
	Student did NOT meet any of the above	NOT EL	
Economic Disadvantaged CSV Only	Reports a status of Y.		N/A
Migrant CSV Only	Reports a status of N.		N/A
Homeless CSV Only	Reports the student's homeless status of the Homeless Nighttime Residence field from the last year of their enrollment within the cohort.		Student Information > General > Enrollment > BIE Reporting > Homeless Nighttime Residence Database: bie.homelessNighttimeResidenceBIE
Foster Care CSV Only	Reports the student's BIE Foster Care status from the last year of their enrollment within the cohort.		Student Information > Program Participation > BIE Foster Care > Start Date Student Information > Program Participation > BIE Foster Care > End Date Database: Calculated



Field	Description	Location
Race/Ethnicity CSV Only	Reports the student's Federal Designation race/ethnicity of their current identity.	Census > People > Identities > Race Ethnicity > Federal Designation Database: Identity.raceEthnicity
Military Connection Status CSV Only	Reports the status of the student's relationship to the military from the last year of their enrollment within the cohort. Otherwise, reports N.	Student Information > General > Enrollment > BIE Reporting > Military Connected Database: enrollmentBIE.militaryConnected
Section 504 CSV Only	Reports the student's 504 plan status from the last year of their enrollment within the cohort.	Student Information > Program Participation > BIE Section 504 > Start Date Student Information > Program Participation > BIE Section 504 > End Date
Tribe CSV Only	Reports the tribal code the student belongs to.	Student Information > General > NASIS > Tribe Database: nasis.tribalCode
BIE Enrollment Type (ISEP Status) CSV Only	Reports the student's BIE Enrollment Type from the last year of their enrollment within the cohort.	Student Information > General > Enrollment > BIE Reporting > Enrollment Type Database: bie.stateAidBIE
BIE District Number CSV Only	Reports the BIE District Number of the District tied to the school that is reporting.	System Administration > Resources > District Information > BIE District Number Database: District.groupNumber
BIE Group Number (State School Number) CSV Only	Reports the BIE Group Number of the school that is reporting.	System Administration > Resources > School > BIE Group Number Database: School.groupNumber

