



Census Block Group Tools

Note



The focus of this presentation is on the changes for the official XML data submissions during the 2023-2024 school year.

Agenda

- **Census Block Group Tools**

- Program Area Contacts
- **2023-2024**
 - Reminders
 - TEA Guidance
 - Current Known Issues
 - Application Updates
 - Business Rule Update
 - Frequently Asked Questions
- Technical Resources
- Questions

Program Area Contacts



- Forecasting & Fiscal Analysis
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TEA

2023-2024

tsds



Reminders

- The 'Census Block Group Tool (CBGT)' privilege is listed under the following TEAL Roles:
 - PEIMS Data Completer
 - ODS Data Loader
 - ODS Campus Data Loader

- Reassign the Census Block Group number each new school year for those students who are reported with a Census Block Group number in PEIMS.

■ Output Batch File Row Count

- The output batch file row count at times does not match the input batch file row count. This can occur when there are **duplicate addresses** in the input batch file. After the first address is processed, any duplicate addresses are ignored.
- For example, 2500 addresses are in the input batch file. The exact same address is in the input batch file three 3 times. After processing completes, only 2498 rows are in the output batch file. The first occurrence of the address is processed, and the other two duplicates are not processed and not present in the output file.

■ Record Threshold

- The system should allow up to 10,000 records for processing. This is currently not working as expected.
- TEA recommends sending a maximum of 5,000 records per file at this time.
- Once the issue is resolved, TEA will inform users that the record threshold can be increased.

■ Census Block Group Tool

TEA has identified an issue where the Census Block Group Tool (CBGT) is currently returning results based upon X & Y coordinates from August 2022. In areas of recent growth and development, this may result in lower confidence scores being returned by the CGBT.

TEA is working to get a refreshed copy of this X and Y coordinate data. We are tentatively looking for this to be completed the week of 08/07/2023.

LEAs should utilize the [Census Block Group Map](#) to for any confidence percentage less than 100% to ensure an accurate Census Block Group is identified and assigned.

Business Rule Update

- Updated business rule **40100-0224** for the 2023-2024 school year to ensure only valid census block groups are reported. The Error Level was changed to “Fatal.”

Rule Type	Rule #	Rule Text / Business Meaning	Error Level	TSDs	PEIMS Sub	Rule Applies To			
						ESC	LEA	Campus	Charter
Business Context	40100-0224	<p>If the first two characters of STUDENT-CENSUS-BLOCK-GROUP are "48", then STUDENT-CENSUS-BLOCK-GROUP should be a valid census block group code in the Census Block Tier Mapping list.</p> <hr/> <p>If TX-StudentCensusBlockGroup is in Texas (48), then it should be a valid census block group code in the Census Block Tier Mapping list from TEA State Funding. If an invalid Texas census block group is reported, the student will be assigned to the lowest Tier.</p>	S F		1		Y	Y	Y

Updates

- No New Data Elements, Code Tables, or Reports
- No Updated Data Elements, Code Tables or Reports
- No Deleted Data Elements, Code Tables, or Reports

Frequently Asked Questions

What do I do if the Census Block Group Tool does not give me a 100% confidence score?

TEA guidance is to use the [Census Block Group Map](#) if the CBGT does not return a 100% confidence score.

Technical Resources



- Technical Resources
 - [Census Block Group Map Instructions](#)
 - [Census Block Group API Instructions](#)
 - [Census Block Tier Mapping for 2023](#)
- State Funding Division:
 - [State Funding Webpage](#)
- Knowledge Base Articles:
 - [TSDSKB-595](#): Census Block Group Number Information / FAQs

Questions?

Thank you for attending.