



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

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Program Area Contacts



- Forecasting & Fiscal Analysis
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TEA

2022-2023

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

■ 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 the record threshold can be increased.

Current Process Review

- The current CBGT Tool and API solution allow users to input a student's street address information which is used to calculate the census block group number based on (X) Latitude (Y)Longitude coordinates obtained from the ESRI Geocoder snapshot data. In conjunction with the X/Y coordinate data the 2020 U.S. census data is also used to provide the census block group number.
- Currently the ESRI Geocoder data uses a snapshot taken at the beginning of the current school year.

Future Process Review

- The logic remains the same in using the x/y coordinates from the ESRI data snapshot before going to the 2020 U.S. Census data to obtain the census block group number.
- TEA is working to update the ESRI Geocoder data throughout the year and will communicate the progress on this work during the FCN webinars.

TEA

2023-2024

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Application Updates

- No application updates are currently scheduled for the 2023-2024 school year.

Updates

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

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

Reminders



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

Data Element Updates

- Added the existing STUDENT-CENSUS-BLOCK-GROUP (E1648) to the StudentExtension complex type to be reported as “optional” in the PEIMS Summer Submission. The STUDENT-CENSUS-BLOCK-GROUP is only reported by the Excel Center For Adults (227-827).

Data Element Updates

Element ID	Data Element	XML Name	TSDS	FALL	MDYR	SUMR	EXYR	Length	Data Type	Code Table ID
Student										
**	Reference Type	(a) id	M						String	
E1523	TX-UNIQUE-STUDENT-ID	StudentUniqueStateId	M	M		M	M	10	Numeric	
StudentExtension										
**	TX-StudentCharacteristicsType	TX-StudentCharacteristics		M		M	M			
E0787	ADA-ELIGIBILITY-CODE	TX-ADAEligibility		Y				1	Coded	C059
E0919	AT-RISK-INDICATOR-CODE	TX-AtRiskStudent		Y				1	Coded	C088
E1082	HOMELESS-STATUS-CODE	TX-HomelessStatus		M		M		2	Coded	C189
E0797	IMMIGRANT-INDICATOR-CODE	TX-ImmigrantIndicator		Y				1	Coded	C088
E0790	EMERGENT-BILINGUAL-INDICATOR-CODE	TX-LEPIndicator		Y		M	Y	2	Coded	C061
E0984	MIGRANT-INDICATOR-CODE	TX-MigrantIndicator		M		M	M	1	Coded	C088
E1030	SSI-PROMOTION-RETENTION-CODE	TX-SSIPromotionRetention		Y				2	Coded	C171
E1084	UNACCOMPANIED-YOUTH-STATUS-CODE	TX-UnaccompaniedYouthStatus		Y		Y		2	Coded	C192
E1076	UNSCHOOLED-ASYLEE/REFUGEE-CODE	TX-UnschooledAsyleeRefugeeIndicator		M		M		2	Coded	C183
E1522	EARLY-READING-INDICATOR-CODE	TX-EarlyReadingIndicator		Y		Y		2	Coded	C195
E1528	FOSTER-CARE-INDICATOR-CODE	TX-FosterCareIndicator		Y		Y	M	2	Coded	C196
E1529	MILITARY-CONNECTED-STUDENT-CODE	TX-MilitaryConnectedStudentIndicator		Y		Y		2	Coded	C197
E1530	DYSLEXIA-INDICATOR-CODE	TX-DyslexiaIndicator		Y		Y		1	Coded	C088
E1644	DYSLEXIA-RISK-CODE	TX-DyslexiaRiskCode				Y		2	Coded	C222
E1732	DYSLEXIA-SCREENING-EXCEPTION-REASON	TX-DyslexiaScreeningExceptionReason				Y		2	Coded	C231
E1559	T-STEM-INDICATOR-CODE	TX-TSTEMIndicator		Y		Y	Y	1	Coded	C088
E1560	ECHS-INDICATOR-CODE	TX-ECHSIndicator		Y		Y	Y	1	Coded	C088
E1612	P-TECH-INDICATOR-CODE	TX-PTECHIndicator		Y		Y	Y	1	Coded	C088
E1647	NEW-TECH-INDICATOR-CODE	TX-NewTechIndicator		Y		Y	Y	1	Coded	C088
E1564	IEP-CONTINUER-INDICATOR-CODE	TX-IEPContinuerIndicator		Y				1	Coded	C088
E0895	HOME-LANGUAGE-CODE	TX-HomeLanguage	Y	Y				2	Coded	C092
E1590	STUDENT-LANGUAGE-CODE	TX-StudentLanguageCode		Y				2	Coded	C092
E1002	AS-OF-STATUS-CODE	TX-AsOfStatusCode		M		M		2	Coded	C163
E0785	ECONOMIC-DISADVANTAGE-CODE	TX-EconomicDisadvantaged	Y	M		M		2	Coded	C054
E1648	STUDENT-CENSUS-BLOCK-GROUP	TX-StudentCensusBlockGroup		Y		Y		12	String	

Data Element Updates

StudentExtension

Data Element Reporting Requirements

STUDENT-CENSUS-BLOCK-GROUP (E1648) is the census block in which the student resides.

A census block is a geographic unit defined by the U.S. Census Bureau. LEAs can use the tool provided by TEA to determine the STUDENT-CENSUS-BLOCK-GROUP.

PEIMS Fall Submission

STUDENT-CENSUS-BLOCK-GROUP must be reported for students who are economically disadvantaged, enrolled on the PEIMS Fall snapshot date (last Friday in October) date (AS-OF-STATUS-CODE B, D, F, or X), and eligible for ADA, or enrolled, not in membership due to the virtual learning (ADA-ELIGIBILITY-CODE 9). This includes students (with or without a disability) who reside in a residential facility if they are regularly assigned to the LEA.

STUDENT-CENSUS-BLOCK-GROUP must not be reported for students who are:

- not economically disadvantaged,
- not enrolled on the PEIMS Fall snapshot date (last Friday in October),
- not in membership, (except students enrolled, not in membership due to virtual learning)
- ineligible for ADA,
- homeless, or
- residing in a residential facility but are not regularly assigned to the district.

Refer to the following table for guidance on when STUDENT-CENSUS-BLOCK-GROUP must be reported and must not be reported.

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PEIMS Summer Submission

The STUDENT-CENSUS-BLOCK-GROUP must be reported for any economically disadvantaged student who is enrolled and attending an adult high school charter school program. The STUDENT-CENSUS-BLOCK-GROUP is reported based on the adult student's address at the end of the school year or the last day of enrollment, whichever comes last.

STUDENT-CENSUS-BLOCK-GROUP must not be reported for students attending an adult high school charter school program who are:

- not economically disadvantaged, or
- homeless.

Timeline – PEIMS Fall Submission



Name of Collection	Date
TSDS PEIMS ready to load data to the eDM	August 7, 2023
PEIMS Fall Submission ready for users to promote data	September 11, 2023
Close of school start window – Last Friday in September	September 29, 2023
PEIMS Fall snapshot date – Last Friday in October	October 27, 2023
TSDS PEIMS Fall ready for users to complete, approve and accept submissions	October 30, 2023
PEIMS Fall First Submission due date for LEAs and ESCs	December 07, 2023
PEIMS Fall Resubmission due date for LEAs and ESCs	January 18, 2024

Timeline – PEIMS Summer Submission



Name of Collection	Date
PEIMS Summer submission ready for users to promote data	February 26, 2024
TSDS PEIMS Summer ready for users to complete, approve and accept submissions	May 20, 2024
Requests to retire Unique IDs due at TEA for PEIMS Summer first submission	June 14, 2024
PEIMS Summer first submission due date for LEAs	June 20, 2024
Requests to retire Unique IDs due at TEA for PEIMS Summer resubmission	July 12, 2024
PEIMS Summer resubmission due date for LEAs	July 18, 2024

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 Map if the CBGT does not return a 100% confidence score.

Technical Resources



- Technical Support and Resources
 - TSDSCustomerSupport@tea.texas.gov
 - [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.