Prepared for: 

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by: 

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Smarter Balanced Reporting

Data Model

Data Warehouse

Approvals

|  |  |  |  |
| --- | --- | --- | --- |
| **Representing** | **Date** | **Author** | **Status** |
| Consortium |  | Joe Willhoft |  |
| Consortium | 2014.06.09 | Brandt Redd | Submitted for review |
| PMP |  | Kevin King |  |
| Workgroup |  | Henry King |  |

Revision History

|  |  |  |
| --- | --- | --- |
| **Revision Description** | **Author/Modifier** | **Date** |
| Initial Release (DRAFT) | Anna Grebneva (Amplify) | 2014.06.03 |
| Added new table for IAB | Doris Ip (Amplify) | 2014.12.04 |
| Updated table for dim\_asmt, fact\_asmt\_outcome, fact\_block\_asmt\_outcome, fact\_asmt\_outcome\_vw | Takashi Osako (Amplify) | 2015.04.30 |

## 

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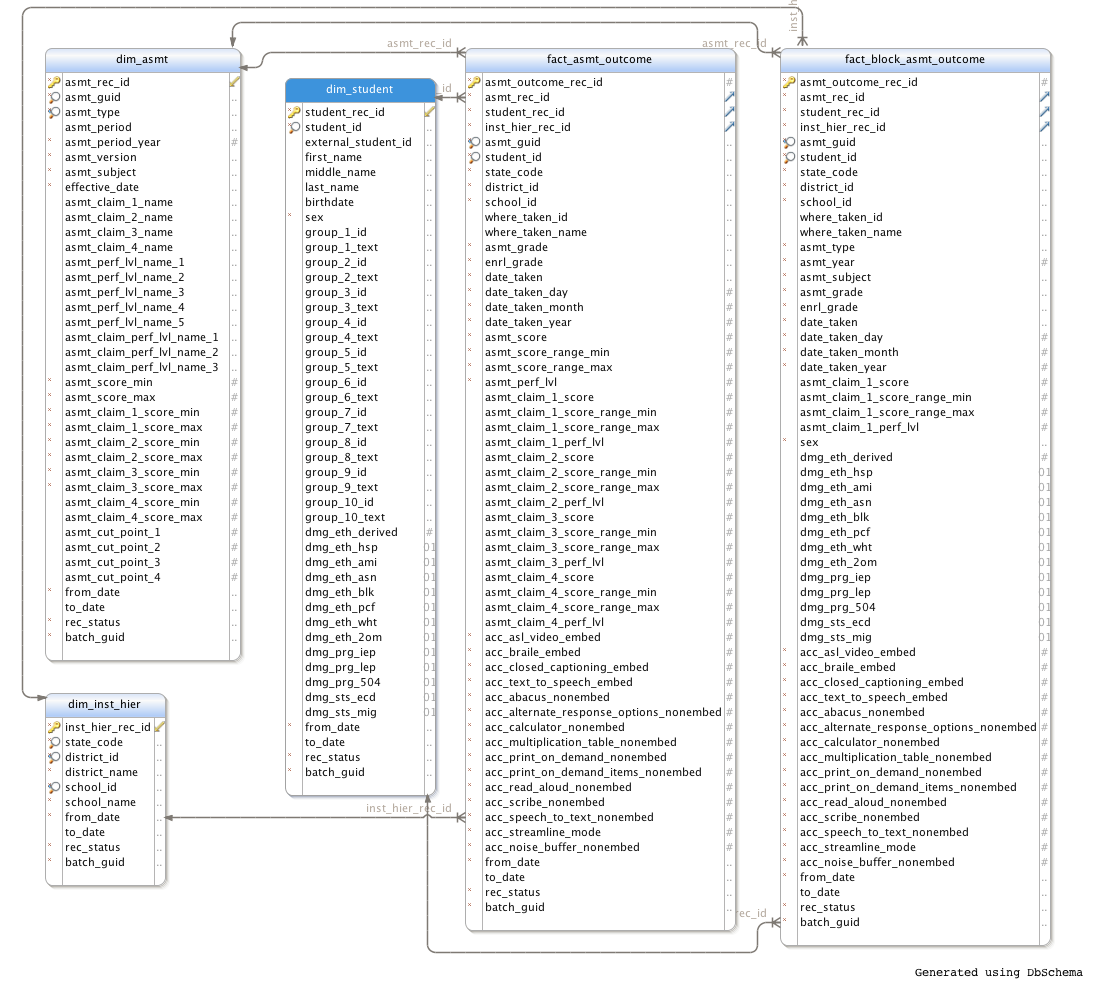
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Smarter Balanced Warehouse Data Domains

# Smarter Balanced Assessment Domain

Assessment domain defines a model used for Smarter Balanced assessments, including Summative, Interim Comprehensive and Interim Assessment Blocks.

|  |  |
| --- | --- |
| **Entity** | **Description** |
| dim\_inst\_hier | The dimension represents institution hierarchy a given student belongs to. It includes state, district, and school. |
| dim\_student | The dimension represents a student who is registered for and/or has taken an assessment. |
| dim\_asmt | The dimension represents an instrument by which student knowledge and skill is measured. |
| fact\_asmt\_outcome | The entity represents scoring for student Summative and Interim Comprehensive results. |
| fact\_block\_asmt\_outcome | The entity represents scoring for Interim Assessment Blocks results |



## dim\_inst\_hier

|  |  |
| --- | --- |
| name | dim\_inst\_hier |
| primary keys | inst\_hier\_rec\_id |
| description | Institution hierarchy dimension. |
| inversion entry | dim\_inst\_hier\_codex (state\_code, district\_id, school\_id) |
| child foreign key | fact\_asmt\_outcome  Non-Identifying  One To Zero or More |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| inst\_hier\_rec\_id | bigserial |  | xsd:integer | n | None | primary key |
| state\_code | varchar | 2 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19974>  CEDS Element ID 000267 | State 2 letter abbreviation, e.g. CA |
| district\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20905>  CEDS Element ID 000637 | Identifier for the district |
| district\_name | varchar | 60 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19902>  CEDS Element ID 000204 | Official district display-name |
| school\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20774>  CEDS Element ID 001069 | Identifier for the school |
| school\_name | varchar | 60 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19831>  CEDS Element ID 000191 | Official school display-name |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | internal batch id of the import job that inserted the record |

## dim\_student

|  |  |
| --- | --- |
| name | dim\_student |
| primary keys | student\_rec\_id |
| description | Student dimension. |
| inversion entry | dim\_student\_id\_idx (student\_id) |
| child foreign key | fact\_asmt\_outcome\_primary  Non-Identifying  One To Zero or More |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| student\_rec\_id | bigserial |  | xsd:integer | n | None | primary key |
| student\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | Student identifier |
| external\_student\_id | varchar | 40 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | External student identifier |
| first\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20753>  CEDS Element ID 000115 | Student first name |
| middle\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20786>  CEDS Element ID 000184 | Student middle name |
| last\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20781>  CEDS Element ID 000172 | Student last name |
| birthdate | varchar | 8 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19995>  CEDS Element ID 000033 | Student birthdate (YYYYMMDD) |
| sex | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20811>  CEDS Element ID 000255 | Student sex - male/female/NOT\_STATED |
| group\_1\_id | varchar | 40 | xsd:token | y | None | Group #1 identifier |
| group\_1\_text | varchar | 60 | xsd:token | y | None | Group #1 label |
| group\_2\_id | varchar | 40 | xsd:token | y | None | Group #2 identifier |
| group\_2\_text | varchar | 60 | xsd:token | y | None | Group #2 label |
| group\_3\_id | varchar | 40 | xsd:token | y | None | Group #3 identifier |
| group\_3\_text | varchar | 60 | xsd:token | y | None | Group #3 label |
| group\_4\_id | varchar | 40 | xsd:token | y | None | Group #4 identifier |
| group\_4\_text | varchar | 60 | xsd:token | y | None | Group #4 label |
| group\_5\_id | varchar | 40 | xsd:token | y | None | Group #5 identifier |
| group\_5\_text | varchar | 60 | xsd:token | y | None | Group #5 label |
| group\_6\_id | varchar | 40 | xsd:token | y | None | Group #6 identifier |
| group\_6\_text | varchar | 60 | xsd:token | y | None | Group #6 label |
| group\_7\_id | varchar | 40 | xsd:token | y | None | Group #7 identifier |
| group\_7\_text | varchar | 60 | xsd:token | y | None | Group #7 label |
| group\_8\_id | varchar | 40 | xsd:token | y | None | Group #8 identifier |
| group\_8\_text | varchar | 60 | xsd:token | y | None | Group #8 label |
| group\_9\_id | varchar | 40 | xsd:token | y | None | Group #9 identifier |
| group\_9\_text | varchar | 60 | xsd:token | y | None | Group #9 label |
| group\_10\_id | varchar | 40 | xsd:token | y | None | Group #10 identifier |
| group\_10\_text | varchar | 60 | xsd:token | y | None | Group #10 label |
| dmg\_eth\_derived | smallint |  | xsd:short | y | None | Derived ethnicity code  0: None,  1: Black  2: Asian  3: Hispanic (regardless if two or more)  4: American Indian  5: Pacific Islander  6: White  7: Two or more |
| dmg\_eth\_hsp | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20765>  CEDS Element ID 000144 | Hispanic or Latino Ethnicity |
| dmg\_eth\_ami | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20907>  CEDS Element ID 000016 | American Indian or Alaska Native Ethnicity |
| dmg\_eth\_asn | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20908>  CEDS Element ID 000020 | Asian Ethnicity |
| dmg\_eth\_blk | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20909>  CEDS Element ID 000034 | Black or African American Ethnicity |
| dmg\_eth\_pcf | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20910>  CEDS Element ID 000192 | Native Hawaiian or Other Pacific Islander Ethnicity |
| dmg\_eth\_wht | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20911>  CEDS Element ID 000301 | White Ethnicity |
| dmg\_eth\_2om | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20425>  CEDS Element ID 000973 | Two or More Ethnicities |
| dmg\_prg\_iep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20771>  CEDS Element ID 000151 | Individualized education program |
| dmg\_prg\_lep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20783>  CEDS Element ID 000180 | Limited English Proficiency Status |
| dmg\_prg\_504 | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20810>  CEDS Element ID 000249 | Section 504 status |
| dmg\_sts\_ecd | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20741>  CEDS Element ID 000086 | Economic Disadvantage Status |
| dmg\_sts\_mig | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20789>  CEDS Element ID 000189 | Migrant Status |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | Internal batch id of the import job that inserted the record |

## dim\_asmt

|  |  |
| --- | --- |
| name | dim\_asmt |
| primary keys | asmt\_rec\_id |
| description | Assessment dimension |
| inversion entry | dim\_asmt\_id\_type\_idx (asmt\_rec\_id, asmt\_type) |
| inversion entry | dim\_asmt\_guid\_idx(asmt\_guid) |
| child foreign key | fact\_asmt\_outcome\_primary  Non-Identifying  One To Zero or More |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| asmt\_rec\_id | bigserial |  | xsd:integer | n | None | primary key |
| asmt\_guid | varchar | 255 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21367>  CEDS Element ID 000981 | Identifier for assessment |
| asmt\_type | varchar | 32 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21359>  CEDS Element ID 000029 | Type of assessment - SUMMATIVE or INTERIM COMPREHENSIVE |
| asmt\_period | varchar | 32 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21344>  CEDS Element ID 000182 | Period of assessment, e.g. Spring or Fall |
| asmt\_period\_year | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19847>    CEDS Element ID 000243 | Year of the assessment period |
| asmt\_version | varchar | 30 | xsd:token | n | None | Version of the assessment |
| asmt\_subject | varchar | 64 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21356>  CEDS Element ID 000021 | Assessment subject - Math or ELA |
| effective\_date | varchar | 8 | xsd:token | n | None | Effective date of the assessment that applies to all records from the same assessment administration, even if individual tests began or ended on different dates |
| asmt\_claim\_1\_name | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21773>  CEDS Element ID 000417 | Display name of claim 1 |
| asmt\_claim\_2\_name | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21773>  CEDS Element ID 000417 | Display name of claim 2 |
| asmt\_claim\_3\_name | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21773>  CEDS Element ID 000417 | Display name of claim 3 |
| asmt\_claim\_4\_name | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21773>  CEDS Element ID 000417 | Display name of claim 3 |
| asmt\_perf\_lvl\_name\_1 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Display name for performance level 1 |
| asmt\_perf\_lvl\_name\_2 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Display name for performance level 2 |
| asmt\_perf\_lvl\_name\_3 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Display name for performance level 3 |
| asmt\_perf\_lvl\_name\_4 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Display name for performance level 4 |
| asmt\_perf\_lvl\_name\_5 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Display name for performance level 5 (reserved) |
| asmt\_claim\_perf\_lvl\_name\_1 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Claim performance level 1 display name |
| asmt\_claim\_perf\_lvl\_name\_2 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Claim performance level 2 display name |
| asmt\_claim\_perf\_lvl\_name\_3 | varchar | 128 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21777>  CEDS Element ID 000718 | Claim performance level 3 display name |
| asmt\_score\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Minimum score possible for the assessment |
| asmt\_score\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Maximum score possible for the assessment |
| asmt\_claim\_1\_score\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Minimum score possible for claim 1 of the assessment |
| asmt\_claim\_1\_score\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Maximum score possible for claim 1 of the assessment |
| asmt\_claim\_2\_score\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Minimum score possible for claim 2 of the assessment |
| asmt\_claim\_2\_score\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Maximum score possible for claim 2 of the assessment |
| asmt\_claim\_3\_score\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Minimum score possible for claim 3 of the assessment |
| asmt\_claim\_3\_score\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Maximum score possible for claim 3 of the assessment |
| asmt\_claim\_4\_score\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Minimum score possible for claim 4 of the assessment |
| asmt\_claim\_4\_score\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Maximum score possible for claim 4 of the assessment |
| asmt\_cut\_point\_1 | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21774>  CEDS Element ID 000418 | First cut point of the assessment that identifies the performance level |
| asmt\_cut\_point\_2 | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21774>  CEDS Element ID 000418 | Second cut point of the assessment that identifies the second performance level |
| asmt\_cut\_point\_3 | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21774>  CEDS Element ID 000418 | Third cut point of the assessment that identifies the third performance level |
| asmt\_cut\_point\_4 | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21774>  CEDS Element ID 000418 | Fourth cut point of the assessment that identifies the highest performance level |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | Internal batch id of the import job that inserted the record |

## fact\_asmt\_outcome

|  |  |
| --- | --- |
| name | fact\_asmt\_outcome |
| primary keys | asmt\_outcome\_rec\_id |
| description | Fact table containing assessment outcomes |
| inversion entry | fact\_asmt\_outcome\_student\_idx  (student\_id, asmt\_guid) |
| parent foreign key | dim\_asm(asmt\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_inst\_hier(inst\_hier\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_student(student\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_student\_demographics(student\_demographics\_rec\_id)  Non-Identifying  One To Zero or More |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| asmt\_outcome\_rec\_id | bigserial |  | xsd:integer | n | None | Primary key |
| asmt\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the assessment record associated with the assessment outcome |
| student\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the student record associated with the assessment outcome |
| inst\_hier\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the inst\_hier record associated with the assessment outcome |
| asmt\_guid | varchar | 255 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21367>  CEDS Element ID 000981 | Identifier for assessment |
| student\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | Identifier for student who took the assessment |
| state\_code | varchar | 2 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19974>  CEDS Element ID 000267 | State code, e.g., CA |
| district\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20905>  CEDS Element ID 000637 | Identifier for student district |
| school\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20774>  CEDS Element ID 001069 | Identifier for student school |
| where\_taken\_id | varchar | 40 | xsd:token | y | None | Identifier for the test location |
| where\_taken\_name | varchar | 60 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21399>  CEDS Element ID 000597 | Test location name |
| asmt\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21362>  CEDS Element ID 000177 | Grade for the assessment |
| enrl\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20749>  CEDS Element ID 000100 | Grade of the student |
| date\_taken | varchar | 8 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21673>  CEDS Element ID 000964 | Date the assessment was taken |
| date\_taken\_day | smallint |  | xsd:short | n | None | Day portion of the assessment date |
| date\_taken\_month | smallint |  | xsd:short | n | None | Month portion of the assessment date |
| date\_taken\_year | smallint |  | xsd:short | n | None | Year portion of the assessment date |
| asmt\_score | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Overall score for the assessment outcome |
| asmt\_score\_range\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band |
| asmt\_score\_range\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band |
| asmt\_perf\_lvl | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20253>  CEDS Element ID 000717 | Performance level of the assessment outcome |
| asmt\_claim\_1\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 1 |
| asmt\_claim\_1\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 1 score |
| asmt\_claim\_1\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 1 score |
| asmt\_claim\_1\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 1 |
| asmt\_claim\_2\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 2 |
| asmt\_claim\_2\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 2 score |
| asmt\_claim\_2\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 2 score |
| asmt\_claim\_2\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 2 |
| asmt\_claim\_3\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 3 |
| asmt\_claim\_3\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 3 score |
| asmt\_claim\_3\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 3 score |
| asmt\_claim\_3\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 3 |
| asmt\_claim\_4\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 4 |
| asmt\_claim\_4\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 4 score |
| asmt\_claim\_4\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 4 score |
| asmt\_claim\_4\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 4 |
| acc\_asl\_video\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 73070 | Enumerated status for American Sign Language Video Accommodation |
| acc\_braile\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 00463, 03522 | Enumerated status for embedded Braille Accommodation |
| acc\_closed\_captioning\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for embedded Closed Captioning Accommodation |
| acc\_text\_to\_speech\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for embedded Text-to-Speech Accommodation |
| acc\_abacus\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03528 | Enumerated status for non-embedded Abacus Accommodation |
| acc\_alternate\_response\_options\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Alternative Response Options Accommodation |
| acc\_calculator\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03524 | Enumerated status for non-embedded Calculator Accommodation |
| acc\_multiplication\_table\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03517 | Enumerated status for non-embedded Multiplication Table Accommodation |
| acc\_print\_on\_demand\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Print-on-Demand Accommodation |
| acc\_print\_on\_demand\_items\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Print-On-Demand for items Accommodation |
| acc\_read\_aloud\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03559, 03564 | Enumerated status for non-embedded Read Aloud Accommodation |
| acc\_scribe\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Scribe Accommodation |
| acc\_speech\_to\_text\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Speech-to-Text Accommodation |
| acc\_streamline\_mode | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for Streamlined Mode Accommodation |
| acc\_noise\_buffer\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for Non-embedded noise buffers |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | Internal batch id of the import job that inserted the record |
| asmt\_status | varchar | 2 | xsd:token | n | None | Assessment Status |

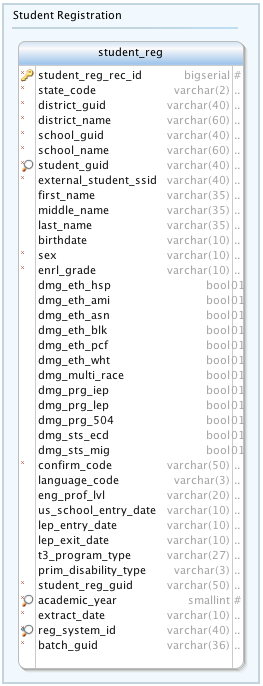
## fact\_block\_asmt\_outcome

|  |  |
| --- | --- |
| name | fact\_block\_asmt\_outcome |
| primary keys | asmt\_outcome\_rec\_id |
| description | Fact table containing assessment outcomes for Interim Assessment Blocks |
| inversion entry | fact\_block\_asmt\_outcome\_student\_idx  (student\_id, asmt\_guid) |
| inversion entry | fact\_block\_asmt\_outcome\_report\_idx (state\_code, school\_id, district\_id, asmt\_year, rec\_status, asmt\_type, asmt\_grade, asmt\_subject) |
| parent foreign key | dim\_asmt(asmt\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_inst\_hier(inst\_hier\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_student(student\_rec\_id)  Non-Identifying  One To Zero or More |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| asmt\_outcome\_rec\_id | bigserial |  | xsd:integer | n | None | Primary key |
| asmt\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the assessment record associated with the assessment outcome |
| student\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the student record associated with the assessment outcome |
| inst\_hier\_rec\_id | bigint |  | xsd:integer | n | None | Unique identifier of the inst\_hier record associated with the assessment outcome |
| asmt\_guid | varchar | 255 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21367>  CEDS Element ID 000981 | Identifier for assessment |
| student\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | Identifier for student who took the assessment |
| state\_code | varchar | 2 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19974>  CEDS Element ID 000267 | State code, e.g., CA |
| district\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20905>  CEDS Element ID 000637 | Identifier for student district |
| school\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20774>  CEDS Element ID 001069 | Identifier for student school |
| where\_taken\_id | varchar | 40 | xsd:token | y | None | Identifier for the test location |
| where\_taken\_name | varchar | 60 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21399>  CEDS Element ID 000597 | Test location name |
| asmt\_type | varchar | 32 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21359>  CEDS Element ID 000029 | Type for the assessment |
| asmt\_year | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19847>    Ceds Element ID 000243 | Year for the assessment |
| asmt\_subject | varchar | 64 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21356>  CEDS Element ID 000021 | Subject for the assessment |
| asmt\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21362>  CEDS Element ID 000177 | Grade for the assessment |
| enrl\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20749>  CEDS Element ID 000100 | Grade of the student |
| date\_taken | varchar | 8 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21673>  CEDS Element ID 000964 | Date the assessment was taken |
| date\_taken\_day | smallint |  | xsd:short | n | None | Day portion of the assessment date |
| date\_taken\_month | smallint |  | xsd:short | n | None | Month portion of the assessment date |
| date\_taken\_year | smallint |  | xsd:short | n | None | Year portion of the assessment date |
| asmt\_claim\_1\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for assessment |
| asmt\_claim\_1\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for the assessment score |
| asmt\_claim\_1\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for assessment score |
| asmt\_claim\_1\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for assessment |
| sex | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20811>  CEDS Element ID 000255 | Student sex -male/female/NOT\_STATED |
| dmg\_eth\_derived | smallint |  | xsd:short | y | None | Derived ethnicity code  0: None,  1: Black  2: Asian  3: Hispanic (regardless if two or more)  4: American Indian  5: Pacific Islander  6: White  7: Two or more |
| dmg\_eth\_hsp | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20765>  CEDS Element ID 000144 | Hispanic or Latino Ethnicity |
| dmg\_eth\_ami | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20907>  CEDS Element ID 000016 | American Indian or Alaska Native Ethnicity |
| dmg\_eth\_asn | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20908>  CEDS Element ID 000020 | Asian Ethnicity |
| dmg\_eth\_blk | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20909>  CEDS Element ID 000034 | Black or African American Ethnicity |
| dmg\_eth\_pcf | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20910>  CEDS Element ID 000192 | Native Hawaiian or Other Pacific Islander Ethnicity |
| dmg\_eth\_wht | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20911>  CEDS Element ID 000301 | White Ethnicity |
| dmg\_prg\_iep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20771>  CEDS Element ID 000151 | Individualized Education Program |
| dmg\_prg\_lep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20783>  CEDS Element ID 000180 | Limited English Proficiency Status |
| dmg\_prg\_504 | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20810>  CEDS Element ID 000249 | Section 504 status |
| dmg\_sts\_ecd | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20741>  CEDS Element ID 000086 | Economic Disadvantage Status |
| dmg\_sts\_mig | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20789>  CEDS Element ID 000189 | Migrant Status |
| acc\_asl\_video\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 73070 | The specific accommodation necessary for the administration of the assessment using sign language video. |
| acc\_braile\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 00463, 03522 | The specific accommodation necessary for the administration of the assessment using braille |
| acc\_closed\_captioning\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using closed captioning. |
| acc\_text\_to\_speech\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using text to speech. |
| acc\_abacus\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03528 | The specific accommodation necessary for the administration of the assessment using an abacus. |
| acc\_alternate\_response\_options\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using an alternate response options. |
| acc\_calculator\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03524 | The specific accommodation necessary for the administration of the assessment using a calculator. |
| acc\_multiplication\_table\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03517 | The specific accommodation necessary for the administration of the assessment using multiplication table. |
| acc\_print\_on\_demand\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by printing on demand. |
| acc\_print\_on\_demand\_items\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by printing on demand for items. |
| acc\_read\_aloud\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03559, 03564 | Enumerated status for non-embedded Read Aloud Accommodation |
| acc\_scribe\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Scribe Accommodation |
| acc\_speech\_to\_text\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for non-embedded Speech-to-Text Accommodation |
| acc\_streamline\_mode | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for Streamlined Mode Accommodation |
| acc\_noise\_buffer\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | Enumerated status for Non-embedded noise buffers |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | Internal batch id of the import job that inserted the record |
| amst\_status | carchar | 2 | xsd:token | n | None | Assessment Status |

# Student Registration Domain

|  |  |
| --- | --- |
| **Entity** | **Description** |
| student\_reg | The entity represents student registration details for a specific academic year. |



## student\_reg

|  |  |
| --- | --- |
| name | student\_reg |
| primary keys | student\_reg\_rec\_id |
| description | Student registration information. |
| inversion entry | student\_reg\_id\_idx (student\_id) |
| inversion entry | student\_reg\_year\_system\_idx  (academic\_year, reg\_system\_id) |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| student\_reg\_rec\_id | bigserial |  | xsd:integer | n | None | primary key |
| state\_code | varchar | 2 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19974>  CEDS Element ID 000267 | State 2 letter abbreviation, e.g., CA |
| state\_name | varchar | 50 | xsd:token | n | None | Full state name, e.g., California |
| district\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20905>  CEDS Element ID 000637 | Identifier for the district |
| district\_name | varchar | 60 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19902>  CEDS Element ID 000204 | Official district name |
| school\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20774>  CEDS Element ID 001069 | Identifier for the school |
| school\_name | varchar | 60 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19831>  CEDS Element ID 000191 | Official school name |
| student\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | Student identifier |
| external\_student\_ssid | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | External student identifier |
| first\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20753>  CEDS Element ID 000115 | Student first name |
| middle\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20786>  CEDS Element ID 000184 | Student middle name |
| last\_name | varchar | 35 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20781>  CEDS Element ID 000172 | Student last name |
| birthdate | varchar | 10 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19995>  CEDS Element ID 000033 | Student birthdate (YYYY-MM-DD) |
| sex | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20811>  CEDS Element ID 000255 | Student sex - male/female/NOT\_STATED |
| enrl\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20749>  CEDS Element ID 000100 | Grade student is registered in |
| dmg\_eth\_hsp | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20765>  CEDS Element ID 000144 | Hispanic or Latino Ethnicity |
| dmg\_eth\_ami | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20907>  CEDS Element ID 000016 | American Indian or Alaska Native Ethnicity |
| dmg\_eth\_asn | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20908>  CEDS Element ID 000020 | Asian Ethnicity |
| dmg\_eth\_blk | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20909>  CEDS Element ID 000034 | Black or African American Ethnicity |
| dmg\_eth\_pcf | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20910>  CEDS Element ID 000192 | Native Hawaiian or Other Pacific Islander Ethnicity |
| dmg\_eth\_wht | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20911>  CEDS Element ID 000301 | White Ethnicity |
| dmg\_multi\_race | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20425>  CEDS Element ID 000973 | Two or More Races |
| dmg\_prg\_iep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20771>  CEDS Element ID 000151 | Individualized Education Plan |
| dmg\_prg\_lep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20783>  CEDS Element ID 000180 | Limited English Proficiency Status |
| dmg\_prg\_504 | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20810>  CEDS Element ID 000249 | Section 504 status |
| dmg\_sts\_ecd | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20741>  CEDS Element ID 000086 | Economically Disadvantaged |
| dmg\_sts\_mig | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20789>  CEDS Element ID 000189 | Migrant Status |
| confirm\_code | varchar | 50 | xsd:token | n | None | Confirmation code from Test Registration |
| language\_code | varchar | 3 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20829>  CEDS Element ID 000317 | Primary Language |
| eng\_prof\_lvl | varchar | 20 | xsd:token | y | No CEDS; examples include:  <http://www.k12.wa.us/migrantbilingual/eld.aspx>  <http://ell.dpi.wi.gov/files/ell/pdf/elp-levels.pdf> | English Proficiency Level |
| us\_school\_entry\_date | varchar | 10 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20860>  CEDS Element ID 000529 | Date of first US School entry |
| lep\_entry\_date | varchar | 10 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20717>  CEDS Element ID 001247 | Limited English Proficient start, if applicable |
| lep\_exit\_date | varchar | 10 | xsd:token | y | [ttps://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20880](https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20880)  CEDS Element ID 000570 | Limited English Proficient exit, if applicable |
| t3\_program\_type | varchar | 27 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19922>  CEDS Element ID 00044 | The type of Title III language instructional programs. |
| prim\_disability\_type | varchar | 3 | xsd:token | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20800>  CEDS Element ID 000218 | The major or overriding disability condition that best describes a person's impairment. |
| academic\_year | smallint |  | xsd:Short | n | None | Academic year of registration |
| extract\_date | varchar | 10 | xsd:token | n | None | Date that data was extracted |
| reg\_system\_id | varchar | 40 | xsd:token | n | None | System that provided registration record |
| batch\_guid | varchar | 36 | xsd:token | n | None | internal batch id of the import job that inserted the record |

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# Assessment Reporting Domain

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| **Entity** | **Description** |
| fact\_asmt\_outcome\_vw | The entity represents a denormalized snapshot of student assessment outcome designed to improve reporting performance. |

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## fact\_asmt\_outcome\_vw

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| name | fact\_asmt\_outcome\_vw |
| primary keys | asmt\_outcome\_vw\_rec\_id |
| description | Fact table containing assessment outcomes |
| inversion entry | fact\_asmt\_outcome\_vw\_student\_idx  (student\_id, asmt\_guid) |
| inversion entry | fact\_asmt\_outcome\_vw\_cpop\_stateview\_idx  (state\_code, asmt\_type, rec\_status, asmt\_year, inst\_hier\_rec\_id, asmt\_subject, asmt\_perf\_lvl) |
| inversion entry | fact\_asmt\_outcome\_vw\_grade\_idx (asmt\_grade) |
| inversion entry | fact\_asmt\_outcome\_vw\_eth\_derived\_idx (dmg\_eth\_derived) |
| inversion entry | fact\_asmt\_outcome\_vw\_lep\_idx (dmg\_prg\_lep) |
| inversion entry | fact\_asmt\_outcome\_vw\_504\_idx (dmg\_prg\_504) |
| inversion entry | fact\_asmt\_outcome\_vw\_tt1\_idx (dmg\_prg\_tt1) |
| inversion entry | fact\_asmt\_outcome\_vw\_iep\_idx (dmg\_prg\_iep) |
| inversion entry | fact\_asmt\_outcome\_vw\_sex\_idx (sex) |
| inversion entry | fact\_asmt\_outcome\_vw\_asmt\_subj\_typ\_idx (student\_id, asmt\_subject, asmt\_type) |
| parent foreign key | dim\_asmt (asmt\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_inst\_hier (inst\_hier\_rec\_id)  Non-Identifying  One To Zero or More |
| parent foreign key | dim\_student (student\_rec\_id)  Non-Identifying  One To Zero or More |

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| **column name** | **data type** | **width** | **xml data type** | **nullable** | **CEDS Reference** | **description** |
| asmt\_outcome\_rec\_id | bigserial |  | xsd:integer | n | None | primary key |
| asmt\_rec\_id | bigint |  | xsd:integer | n | None | unique identifier of the assessment record associated with the assessment outcome |
| student\_rec\_id | bigint |  | xsd:integer | n | None | unique identifier of the student record associated with the assessment outcome |
| inst\_hier\_rec\_id | bigint |  | xsd:integer | n | None | unique identifier of the inst\_hier record associated with the assessment outcome |
| asmt\_guid | varchar | 255 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21367>  CEDS Element ID 000981 | Identifier for assessment |
| student\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20775>  CEDS Element ID 001071 | Identifier for student who took the assessment |
| state\_code | varchar | 2 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19974>  CEDS Element ID 000267 | State code |
| district\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20905>  CEDS Element ID 000637 | Identifier for student district |
| school\_id | varchar | 40 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19831>  CEDS Element ID 000191 | Identifier of student school |
| where\_taken\_id | varchar | 40 | xsd:token | y | None | Identifier for the test location |
| where\_taken\_name | varchar | 60 | xsd:token | y | tps://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=22006  CEDS Element ID 000597 | Test location name |
| asmt\_type | varchar | 32 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21359>  CEDS Element ID 000029 | Type for the assessment |
| asmt\_year | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=19847>    Ceds Element ID 000243 | Year for the assessment |
| asmt\_subject | varchar | 64 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21356>  CEDS Element ID 000021 | Subject for the assessment |
| asmt\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21362>  CEDS Element ID 000177 | Grade for the assessment |
| enrl\_grade | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20749>  CEDS Element ID 000100 | Grade student is registered in |
| date\_taken | varchar | 8 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21673>  CEDS Element ID 000964 | Date the assessment was taken |
| date\_taken\_day | smallint |  | xsd:short | n | None | Day portion of the assessment date |
| date\_taken\_month | smallint |  | xsd:short | n | None | Month portion of the assessment date |
| date\_taken\_year | smallint |  | xsd:short | n | None | Year portion of the assessment date |
| asmt\_score | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Overall score for the assessment outcome |
| asmt\_score\_range\_min | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band |
| asmt\_score\_range\_max | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band |
| asmt\_perf\_lvl | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20253>  CEDS Element ID 000717 | Performance level of the assessment outcome |
| asmt\_claim\_1\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 1 |
| asmt\_claim\_1\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 1 score |
| asmt\_claim\_1\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 1 score |
| asmt\_claim\_1\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 1 |
| asmt\_claim\_2\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 2 |
| asmt\_claim\_2\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 2 score |
| asmt\_claim\_2\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 2 score |
| asmt\_claim\_2\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 2 |
| asmt\_claim\_3\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 3 |
| asmt\_claim\_3\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 3 score |
| asmt\_claim\_3\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 3 score |
| asmt\_claim\_3\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 3 |
| asmt\_claim\_4\_score | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21637>  CEDS Element ID 000245 | Score for the assessment claim 4 |
| asmt\_claim\_4\_score\_range\_min | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21627>  CEDS Element ID 000395 | Left bound of the error band for claim 4 score |
| asmt\_claim\_4\_score\_range\_max | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21628>  CEDS Element ID 000396 | Right bound of the error band for claim 4 score |
| asmt\_claim\_4\_perf\_lvl | smallint |  | xsd:short | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21623>  CEDS Element ID 000367 | Performance level for claim 4 |
| sex | varchar | 10 | xsd:token | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20811>  CEDS Element ID 000255 | Student sex -male/female/NOT\_STATED |
| dmg\_eth\_derived | smallint |  | xsd:short | y | None | Derived ethnicity code  0: None,  1: Black  2: Asian  3: Hispanic (regardless if two or more)  4: American Indian  5: Pacific Islander  6: White  7: Two or more |
| dmg\_eth\_hsp | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20765>  CEDS Element ID 000144 | Hispanic or Latino Ethnicity |
| dmg\_eth\_ami | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20907>  CEDS Element ID 000016 | American Indian or Alaska Native Ethnicity |
| dmg\_eth\_asn | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20908>  CEDS Element ID 000020 | Asian Ethnicity |
| dmg\_eth\_blk | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20909>  CEDS Element ID 000034 | Black or African American Ethnicity |
| dmg\_eth\_pcf | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20910>  CEDS Element ID 000192 | Native Hawaiian or Other Pacific Islander Ethnicity |
| dmg\_eth\_wht | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20911>  CEDS Element ID 000301 | White Ethnicity |
| dmg\_prg\_iep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20771>  CEDS Element ID 000151 | Individualized Education Program |
| dmg\_prg\_lep | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20783>  CEDS Element ID 000180 | Limited English Proficiency Status |
| dmg\_prg\_504 | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20810>  CEDS Element ID 000249 | Section 504 status |
| dmg\_sts\_ecd | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20741>  CEDS Element ID 000086 | Economic Disadvantage Status |
| dmg\_sts\_mig | boolean |  | xsd:boolean | y | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=20789>  CEDS Element ID 000189 | Migrant Status |
| acc\_asl\_video\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 73070 | The specific accommodation necessary for the administration of the assessment using sign language video. |
| acc\_braile\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 00463, 03522 | The specific accommodation necessary for the administration of the assessment using braille |
| acc\_closed\_captioning\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using closed captioning. |
| acc\_text\_to\_speech\_embed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using text to speech. |
| acc\_abacus\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03528 | The specific accommodation necessary for the administration of the assessment using an abacus. |
| acc\_alternate\_response\_options\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment using an alternate response options. |
| acc\_calculator\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03524 | The specific accommodation necessary for the administration of the assessment using a calculator. |
| acc\_multiplication\_table\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03517 | The specific accommodation necessary for the administration of the assessment using multiplication table. |
| acc\_print\_on\_demand\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by printing on demand. |
| acc\_print\_on\_demand\_items\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by printing on demand for items. |
| acc\_read\_aloud\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385  Code 03559, 03564 | The specific accommodation necessary for the administration of the assessment by reading aloud. |
| acc\_scribe\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by the assistance of a scribe. |
| acc\_speech\_to\_text\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by the assistance of speech to text. |
| acc\_streamline\_mode | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by the assistance of a streamline mode. |
| acc\_noise\_buffer\_nonembed | smallint |  | xsd:short | n | <https://ceds.ed.gov/CEDSElementDetails.aspx?TermxTopicId=21731>  CEDS Element ID 000385 | The specific accommodation necessary for the administration of the assessment by the assistance of a noise buffer. |
| from\_date | varchar | 8 | xsd:token | n | None | Date the record was added to the warehouse |
| to\_date | varchar | 8 | xsd:token | y | None | Date the record became inactive |
| rec\_status | varchar | 1 | xsd:token | n | None | Record Status. C for Created, I for inactive, D for deleted |
| batch\_guid | varchar | 36 | xsd:token | n | None | internal batch GUID of the import job that inserted the record |
| asmt\_status | varchar | 2 | xsd:token | n | None | Assessment Status |