

This document contains strategies for validating the mobility rate data found in the End of Year (EOY) Initial and Final Summary Reports. It's critical that a school resolve any errors found with the mobility rate data in the Initial EOY Summary Report (window is typically July through September) because the EOY data for mobility cannot be changed once we have moved into the Final summary report review process (after the CDE Cross validation phase).

If you have any questions or would like to share your mobility or stability data validation strategies that can be added to this document, please email the CSI Data Submissions Team at submissions_csi@csi.state.co.us.

Understanding Students Included in the Mobility Rate

According to the CDE rules for Student Mobility Rate at <https://www.cde.state.co.us/cdereval/mobility-stabilitycurrent> (screenshot below), students not included in the mobility rate would be all those who transferred **over the summer** to a school within the same district (SSA exit type code of 11) or a **different district** (SSA exit type code 13). Based on CDE clarification, it should also be mentioned that students who attended fewer than 10 days at your school or who exited prior Count Day will also not be factored into mobility. All other students are included. Students transferring mid-year after Count Day are going to be counted as mobile as well as those with an over the summer transfer of some other exit type code (other than an 11 or 13).

<p>Student Stability Rate =</p> <p>Unduplicated count of grade K-12 students who remained in the district in Year X</p> <p>DIVIDED BY</p> <p>Total number of students that were part of the same membership base at any time during Year X</p>	<p>Student Mobility Rate =</p> <p>Unduplicated count of grade K-12 students who moved into or out of the district in Year X</p> <p>DIVIDED BY</p> <p>Total number of students that were part of the same membership base at any time during Year X</p>
<p>Mobility Incidence Rate =</p> <p>Duplicated count of grade K-12 students who moved into or out of the district in Year X</p> <p>DIVIDED BY</p> <p>Total number of students that were part of the same membership base at any time during Year X</p>	<p>Note: The mobility calculation timeframe was modified in the 2017-2018 school year so that only entries and exits that occur from the October Count date to the end of the school year are included in the calculation. Students must have a gap in attendance of more than 10 days for a move to be considered mobile.</p>

Validating the Mobility Tab of the EOY Summary Report (Initial or Final)

The screenshot below shows the contents of the **Mobility tab** from the Initial summary report for an unidentified school. Steps on how to validate the data found in the tab are listed below this screenshot.

Mobility Tab of the EOY Summary Report

EOY Mobility Rates by School, Grade, Race/Ethnicity, Gender and IPST Data Summary Report							
	PUPIL COUNT	TOTAL STUDENTS WHO WERE STABLE	STABILITY RATE	TOTAL STUDENTS WHO WERE MOBILE	STUDENT MOBILITY RATE (unduplicated)	TOTAL INSTANCES OF MOBILITY	MOBILITY INCIDENCE RATE (duplicated)
Grade 06	97	94	96.9%	3	3.1%	3	3.1%
Grade 07	93	91	97.8%	2	2.2%	2	2.2%
Grade 08	84	83	98.8%	1	1.2%	1	1.2%
Grade 09	75	73	97.3%	2	2.7%	2	2.7%
Grade 10	51	50	98.0%	1	2.0%	1	2.0%
Grade 11	45	43	95.6%	2	4.4%	3	6.7%
Grade 12	36	35	97.2%	1	2.8%	1	2.8%

To validate the data in the Mobility tab, you will need to consult the data within the SSA tab of the Initial summary report (source data where the mobility rate data is derived). The next screenshots show the SSA data tab contents with applicable records highlighted (SASIDS have been masked to protect PII).

SSA Tab of the EOY Summary Report – 6th Grade Example

SASID	ENTRY_DATE	GRADE_LEVEL	ENTRY_TYPE	EXIT_DATE	EXIT_TYPE	
6084	08102017	060	13	12162017	13	Highlighted records match the 17 count for mobile students in EOY Summary Report (Mobility tab)
6085	08102017	060	13	02212018	16	
6086	08102017	060	14	00000000	00	
6087	08102017	060	14	00000000	00	
6088	08102017	060	14	00000000	00	
6089	08102017	060	14	00000000	00	
6090	08102017	060	15	00000000	00	
6091	08102017	060	15	00000000	00	
6092	08102017	060	15	00000000	00	
6093	08102017	060	15	00000000	00	
6094	08102017	060	15	00000000	00	
6095	08102017	060	15	00000000	00	
6096	08102017	060	15	00000000	00	
6097	08102017	060	15	00000000	00	
6098	08102017	060	16	00000000	00	
6099	08102017	060	16	00000000	00	
6100	08102017	060	16	00000000	00	
7001	08102017	070	02	00000000	00	
7002	08102017	070	02	00000000	00	
7003	08102017	070	02	00000000	00	
7004	08102017	070	02	00000000	00	
7005	08102017	070	02	00000000	00	

1. The 6th grade records with yellow highlighted cells in the SSA Tab above total up to 17 which matches the count in the Mobility Tab (“Total Students Who Were Mobile” column). The first two 6th grade records in the SSA Tab are counted as mobile because they exited mid-year (it doesn’t matter to where; only that they exited). The remaining 6th grade records all started at the beginning of the school year and were not continuous from the previous year, but transferred in from various settings (based on the ENTRY_TYPE code). These students are all counted as mobile.
2. Notice that the records with an ENTRY_TYPE code of continuous (02) and zero filled EXIT_DATE and EXIT_TYPE do not have highlighted cells—these are not mobile students.

SSA Tab of the EOY Summary Report – 7th Grade Example

	SASID	ENTRY_DATE	GRADE_LEVEL	ENTRY_TYPE	EXIT_DATE	EXIT_TYPE	
187	7086	08102017	070	02	00000000	00	Highlighted records match the 12 count for mobile students in EOY Summary Report (Mobility tab). Student transferred to another district over the summer, so is not counted as mobile.
188	7087	08102017	070	02	08102017	13	
189	7088	08102017	070	02	08102017	14	
190	7089	08102017	070	02	09262017	14	
191	7090	08102017	070	02	08102017	14	
192	7091	08102017	070	02	08102017	15	
193	7092	08102017	070	02	03092017	16	
194	7093	08102017	070	02	08102017	16	
195	7094	08102017	070	02	08102017	16	
196	7095	08102017	070	13	00000000	00	
197	7096	08102017	070	13	00000000	00	
198	7097	08102017	070	13	00000000	00	
199	7098	08102017	070	13	00000000	00	
200	7099	08102017	070	13	12162017	13	Student left mid year, so they are mobile (doesn't matter if they transferred in or out of district).
201	7100	08102017	070	14	00000000	00	
202	7101	08102017	070	16	00000000	00	
203	7102	08102017	070	16	09092017	14	Student came in from homeschool and then left mid year (transferred out of state), so these are mobile twice, which is why there are 14 total instances of mobility.
204	7103	08102017	070	16	10242017	16	

1. The 7th grade records with yellow highlighted cells in the SSA Tab above total up to 12 which matches the count in the Mobility Tab (“Total Students Who Were Mobile” column).
2. Notice that the records with an ENTRY_TYPE code of continuous (02) and zero filled EXIT_DATE and EXIT_TYPE do not have highlighted cells—these are not mobile students.
3. Row 188 is a student with an entry/exit the same first day of school (because they were marked as not exiting the previous year) and they transferred to another district over the summer. The record is not counted as mobile (neither would it be counted if the exit was within district).

4. Rows 189-195 are counted as mobile regardless of when the student exited because the EXIT_TYPE code is not within the same district (11) or another district (13).
5. Row 200 is counted as mobile because the student left mid-year rather than over the summer. It doesn't matter if it was to another district (13, which is the case) or within the same district (11).
6. Rows 201-202 are counted as mobile because the students transferred over the summer and the exit type is neither a transfer within district (11) or to another district (13).
7. Rows 203-204 are counted as mobile because the students transferred out mid-year. Further, because the students transferred in at the start of the school year from a setting other than another district (13) or within the district (11), then each is counted as a separate mobility instance. This is why there's a figure of 14 in the "Total Instances of Mobility" column (for 7th grade) in the Mobility Tab.