

Center for Educational Performance and Information (CEPI)

Understanding Michigan's Cohort Graduation and Dropout Rates 2012

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Introduction

To comply with the *No Child Left Behind (NCLB) Act of 2001*, Michigan moved to a methodology in which a graduation rate includes only "on-time" graduates who earn regular diplomas within four years of entering high school. This calculation meets the guidelines provided by the National Governors Association (NGA) Graduation Counts Compact for the calculation of such rates. More than half the states have implemented the NGA standard as of December 2010.

The formula for the calculation of 2012 graduation rates is possible because school districts have been tracking the enrollment of individual students since those students first enrolled in the ninth grade in the 2008-2009 school year, and have reported those data to the Center for Educational Performance and Information (CEPI). The gathering of this information at a statewide level allows CEPI to help districts track enrollments to reflect "transfers in" and "transfers out" of the districts, as well as students who exit from the public education system itself, over the course of four years.

Along with cohort four-year graduation and dropout rates, CEPI staff also calculates cohort five-year and cohort six-year rates for graduates, dropouts, transfers in and transfers out.

This data are submitted through the Michigan Student Data System (MSDS) throughout the school year. For more information on the business rules and methodology described in this document, please reference the MSDS Collections Details Manual found on the CEPI website at http://www.michigan.gov/documents/cepi/2011-12_MSDS_collection_details_380928_7.pdf.

Business Rules

The following pages list the business rules and methodology used by CEPI and the Michigan Department of Education (MDE) to identify students as members of a graduation cohort and to calculate graduation and dropout rates.

Ungraded Students:

- Students reported in the educational setting "14" (special education ungraded setting) who are beyond the age of 18 will be included in cohort calculations. Schools will be held accountable for these students.
- Students who are reported in a traditional grade, assigned to a cohort and subsequently reported in adult education (educational setting "20") will be counted as "other high school completers" if they receive their General Educational Development (GED) certificate or "off-track graduated" if they receive their high school diploma. While reported as active adult education students, they will be "off-track continuing." These students will not be assigned to a cohort if the first time they are reported is with an educational setting of "20."

Residency Codes:

- The following groups of students will be excluded from the cohort:
 - Under *Non-resident*:
 - Nonpublic school students (code "04")
 - Home-schooled non-resident students (code "07")
 - Under *Resident*:
 - Nonpublic school students (code "08")
 - Home-schooled resident students (code "15")

Cohort Year:

- Students are placed into a cohort year when they are first identified as ninth graders. Students who transfer into the public education system after ninth grade are placed into the appropriate cohort based on the grade in which the initial Michigan district places them.
- Students reported in educational setting "14" (special education ungraded setting) are assigned to a cohort year using a computed grade (age minus 6). These students will only be placed into a cohort if they are at least 15 years old.
- Any General Collection or Student Record Maintenance (SRM) Collection in the Michigan Student Data System (MSDS) will be used to set the cohort year.

Primary Education Providing Entity (PEPE):

The district and building held responsible for a student graduating is the PEPE.

CEPI determines PEPE based on the fall, spring and end-of-year (EOY) general collections and the SRM Collection in the MSDS.

If a student is reported as continuing (exit status "19") by only one entity for a given MSDS collection cycle, then that district and building becomes the PEPE.

If a student is reported in multiple entities in a collection, the entity which reported the greater proportion of full-time

equated (FTE) membership is the PEPE.

If the exit status for a student equals 01, 02, 03, 04, 05, 06, 20, 21, 40 or 41, this is considered a terminating exit status, and PEPE is assigned to the entity in which the terminating exit status was reported.

If the exit status for a student equals any exit code other than those referenced above, PEPE remains with the last entity that reported the student as continuing.

If a PEPE district and building cannot be determined, the record goes into "resolution" within the MSDS, and a CEPI staff member will determine PEPE. Authorized users will utilize the previously accountable district/building's code until the staff member assigns the new PEPE.

When both a Unique Education Provider (UEP) and a school report a student, the school will be the PEPE for the student. However, if only a UEP (e.g., Career and Technical Education entities and Michigan Math/Science Center buildings) reports a student, it will be the PEPE for the student.

Schools/Facilities that will not Receive Graduation and/or Dropout Rates:

- An entity identified as a 9th, 9th-10th or 9th-11th-grade building may have a dropout rate, but will not have a completion or graduation rate.
- An entity identified as an intermediate school district (ISD) school that does not graduate students may have a dropout rate, but will not have a graduation rate. However, if an ISD graduates students, it will have a graduation rate.

Middle College Students:

- Students submitted in the MSDS in an approved early/middle college have their cohort year increased by one. If a student moves between a high school and an early/middle college, the student's cohort year is adjusted accordingly (a year is taken away from the student's cohort year if the student transfers from an early/middle college to a high school, and a year is added to the student's cohort year if the student transfers from a high school to an early/middle college).
- Students submitted in the MSDS in approved early/middle colleges have five years to complete high school with a regular diploma AND an associate degree or other advanced certificate.

Subgroup Determination:

Beginning with the 2010-2011 school year, the MDE and CEPI implemented new rules for subgroup determination for graduation and dropout rates. The change in subgroup rules was necessitated by changes in submission practices in the MSDS as well as clarification in how students are identified for program counts.

Subgroups Impacted

- Race/Ethnicity
- Gender
- Economically Disadvantaged *
- Limited-English Proficient (LEP) *
- Special Education (Students with Disabilities) *
- Migrant *
- Homeless *

* Students in these subgroups are "flagged" for the entire school year. Once "flagged," the student cannot be "unflagged."

Old Methodology (2010 four-year cohort and prior)

A student was assigned to a subgroup based on the prior (second-to-last) Fall or Spring General Collection reported by the PEPE within the MSDS. If the student was only reported in one MSDS collection in the current school year, that record was used for subgroup determinations.

New Methodology

Subgroup assignment will be based on the status of the student, not whether the PEPE provided specific services. Exiting a student from a program within the school year will not remove them from the subgroup for that school year. This methodology also better aligns with program allocations that are based on total school year eligibility.

- **Race/Ethnicity and Gender subgroups:** A student will be identified in these subgroups by the last certified submission of the PEPE.
- **LEP and Special Education subgroups:** A student will be identified in these subgroups if he or she was reported as eligible for that subgroup in any certified collection in the MSDS in the current school year by any reporting entity.
- **Economically Disadvantaged subgroup:** A student will be identified in this subgroup if he or she was (a) reported as eligible for supplemental nutrition in any certified collection in the MSDS in the current school year by any reporting entity, (b) directly certified or (c) reported as homeless or migrant.
- **Migrant subgroup:** A student will be identified in the migrant subgroup if he or she was reported as migrant eligible for the current school year in the Migrant Education Data System.
- **Homeless subgroup:** A student will be identified if he or she was reported as eligible for this subgroup in any certified collection in the MSDS in the current school year by any reporting entity.

Implementation Plan

The new methodology applies to all students records submitted starting in the 2010-2011 school year. This means that there will be students who fall under the new methodology (active students in the 2010-2011 school year and after) and students who fall under the old methodology (students whom users last reported in 2009-2010 or prior years).

Calculating Building/District/State Rates:

Each student is assigned to a cohort the first time he or she is reported as a ninth grader, or, if a transfer student, immediately upon being reported as enrolled in a high school grade. Count days are used only to determine the unit of accountability. Every student not subject to an exemption is included in graduation and dropout rates.

- Exceptions:
 - Buildings that solely serve neglected and/or delinquent children and youth as defined by Title I, Part D will receive a building rate, but these students will not be included in the district's rate nor will the building rate be subject to AYP determinations for federal accountability purposes. (See Appendix A for a list of these buildings.)
 - Students attending the Michigan School for the Deaf and Blind will be counted in the state rates only.
 - Students remain in the cohort they are assigned throughout their educational career unless they are submitted in the MSDS in an approved early/middle college. See the sections on Cohort Year and Middle College Students for more information.
- Count days are only used to determine whether the unit of accountability is state, district and/or building.
 - A student will not be included in the building-level graduation and dropout rates until the student has been reported in that building for at least two count days, based on fall and spring counts. In the event the student has been in the building for fewer than two count days, the student will be included only in the district-level and/or state-level rates.

- A student will not be included in the district-level graduation and dropout rates until the student is reported in that district for a least one count day, based on fall and spring counts. In the event the student has not been in the district for at least one count day, the student will only be included in the state-level rates.

Count Dates Present	Accountability
0	State rate only
1	District and State
2 or more	Building, District and State

Data Validation and Appeals Process

CEPI provides an appeals window for district staff members to review and request changes to graduation and dropout information on individual students in the MSDS. From July through September, district authorized users access the MSDS to view their cohort members and can request: 1) cohort status/year changes, 2) changes to district and building PEPE and 3) linking of multiple students' Unique Identification Codes (UICs). CEPI staff members approve or deny these requests. District users can submit exit status changes for students reported in the 2011-2012 school year in the SRM Collection during this appeals window.

For the Race/Ethnicity and Gender subgroups, a student will be identified in these subgroups by the last certified submission of the PEPE. However, the following data fields cannot be changed:

- Economically Disadvantaged status
- Migrant status
- Limited English proficiency status
- Special education status
- Homeless status

Appealable rates are made available in the Graduation and Dropout (GAD) Application to districts in August based on the EOY General Collection. Auditable rates are made available in October after the appeals window.

Only the ISD auditor can submit exit status changes for any student reported in 2011-2012 and years prior to as an audit finding in the GAD Application. ISD auditors complete an exit status audit between October and December in which they record any audit findings as an exit status change which modifies the cohort status accordingly.

Graduation Cohort Determination

Determining First-time Ninth Graders

First-time ninth graders are those students who first enrolled in ninth grade during the 2008-09 school year (assigned to the 2012 cohort). As the State of Michigan has no data on students before their arrivals, students who transfer into the state and are reported as ninth-graders are deemed first-time ninth-graders, regardless of their statuses in their previous, out-of-state residences. Students who transfer into the state as 10th through 12th-graders are placed in the appropriate cohort as if they are on track for completion in four years.

Calculating the Cohort Status

To calculate the cohort status, CEPI staff consider grade and exit status. Below is a chart of the exit status code definitions.

Table 1

Exit Status Code	Exit Status Definition	Cohort Status Category
01	Graduated from general education with a regular high school diploma	Graduated
02	Graduated from general education with a regular high school diploma and applied to a degree-granting college or university	Graduated
03	Graduated from an alternative program with a regular high school diploma	Graduated
04	Graduated from general education with a regular high school diploma and applied to a non-degree granting institution	Graduated
05	Completed general education with an equivalency certificate (GED)	Other Completer
06	Completed general education with other certificate	Other Completer
07	Dropped out of school	Dropout
08	Enrolled in another public school district in Michigan	If not located, Dropout; if located, Continuing in new district
09	Moved out of state	Exempt
10	Expelled from the school district (no further services)	Dropout
11	Enlisted in military or Job Corps prior to completion	Dropout
12	Deceased	Exempt
13	Incarcerated	Dropout
14	Enrolled in home school	Exempt
15	Enrolled in nonpublic school	Exempt
16	Unknown	Dropout
17	Placed in a recovery or rehabilitative program	Dropout
18	Left Adult Education	Dropout
19	Expected to continue in the same school district	On-track Continuing or Off-track Continuing, depending on Expected Graduation Year
20	Received Special Education certificate of completion and exited the K-12 system	Other Completer
21	Special Education - Reached maximum age and exited the K-12 system	Other Completer
40	Graduated from a middle college with both a high school diploma and an associate degree or other advanced certificate	Graduated
41	Graduated from a middle college with only a high school diploma	Graduated
42	Graduated from another district	If not located, Dropout; if located, Graduate in new district

CEPI staff considers seven categories of students when determining cohort status:

1. On-track graduated - completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advanced certificate in five years or less. The district user must report the student with a graduate exit date on or prior to August 31 of his or her cohort year in order to be considered an on-track graduate.
2. Other completer - completed general education with an equivalency certificate (GED), completed general education with other certificate, received special education certificate of completion and exited the kindergarten through 12th-grade (K-12) system or reached maximum special education age and exited the K-12 system.
3. Off-track graduated - completed high school with a regular diploma in more than four years; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advance certificate in more than five years.
4. Off-track (+5 year) graduated - completed high school with a regular diploma in more than five years, or graduated from an early/middle college with only a high school diploma in more than five years.
5. Off-track continuing - did not complete high school in four years and is still continuing in school.
6. Dropout - left high school permanently at any time during the cohort period, or whereabouts are unknown.
7. Exempt - transferred out of the public school system (out of state, to nonpublic school or to home-school) or is deceased.

Table 2

Status	Corresponding Exit Status
On-track graduated, Off-track graduated and Off-track (+5 year graduated)	1, 2, 3, 4, 40 or 41
Other completer	5, 6, 20 or 21
Off-track continuing	19
Dropout (Reported & MER)	7, 8*, 10, 11, 13, 16, 17, 18, 19* or 42*
Exempt (transfer out)	9, 12, 14, 15 or residency codes: 4, 7, 8 or 15

* If exit status code 08, 19 or 42 is used, this usually does not count as a dropout. This is only given a dropout status if the student record is not reported by the new district (08), by the same district (19) or by the graduating district (42) in the subsequent collection. This indicates the student has a missing expected record (MER) and the whereabouts of the student are unknown.

The Cohort Four-Year Graduation and Dropout Rate

How is the 2012 cohort four-year graduation rate determined?

CEPI calculates the 2012 cohort four-year graduation rate by tracking individual students who enrolled for the first time in ninth grade in the 2008-2009 school year and then assigns these students to the 2012 cohort. Using the cohort method allows the state to more accurately track student movement over time. It accounts for students who leave school during one year and return in another, and it can account for students who are retained in a grade, but stay in school and graduate later than their classmates.

The total number of students who were identified as first-time ninth graders in fall 2008 formed the initial 2012 cohort. Students who transferred into the state, a district or a building at any time during the four-year period were added to the initial group. For students who moved within the public schools, CEPI updated student records to reflect the correct district and building location. These students were considered "transfers out" of the district/building they left and "transfers in" to the district/building they entered. Students who

exited the public school system entirely (out of state, to nonpublic school or to home school) at any time during the four-year period are considered "exempt" and removed from the cohort. Deceased students are also exempt.

To calculate the 2012 cohort four-year graduation rate, CEPI staff places all students into one of four categories:

1. On-track graduated - completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advanced certificate in five years or less.
2. Other completer - earned a GED certificate, other certificate, or reached special education maximum age.
3. Off-track continuing - did not complete high school in four years and is still continuing in school.
4. Dropout - left high school permanently at any time during the four-year period, or whereabouts are unknown*.

* If exit status code 08 (transfer), 19 (continuing) or 42 (graduated from another district) is used, this usually does not count as a dropout. This is only given a dropout status if the student record is not reported by the new district (08), by the same district (19) or by the graduating district (42) in the subsequent collection. This indicates the student has a missing expected record (MER) and the whereabouts of the student are unknown.

Calculating the 2012 cohort four-year graduation rate

CEPI staff counts a student toward the graduation rate of the final building and/or district that the student attended during the four-year period. The number of "on-track graduated" students is used as the numerator and divided by the total count of all cohort status categories. The 2012 cohort total takes into account students who transferred in the final building and/or district and students who transferred out in another public entity's rates, if the students have been located.

The following formula is utilized for calculating the cohort four-year graduation rate:

$$\frac{\text{On-Track Graduated}}{\text{2012 Cohort Total}}$$

How is the 2012 cohort four-year dropout rate determined?

There is no national standard for calculating cohort four-year dropout rates. Michigan has chosen to maintain consistency by using the cohort methodology recommended by NGA to calculate this rate as well.

CEPI calculates the 2012 cohort four-year dropout rate by tracking individual students who enrolled for the first time in ninth grade in the 2008-2009 school year (assigned to the 2012 cohort) and left high school permanently at any time during the four-year period prior to receiving a regular diploma, GED or other completion certificate.

A dropout rate is not equivalent to subtracting the graduation rate from 100 percent, because that method would count students who are "other completers" or "off-track continuing" as dropouts. Other completers are students who earned a GED or other certificate, or reached special education maximum age. Students with an off-track continuing cohort status are those who did not complete high school in four years and are still continuing in school.

To calculate the 2012 cohort four-year dropout rate, CEPI staff places all students into the same four categories used

to determine graduation rates: on-track graduated, other completer, off-track continuing and dropout.

Calculating the 2012 cohort four-year dropout rate

CEPI counts "Dropouts" as the numerator and divides by the total count of all status categories. The total of the status categories is the 2012 Cohort Total.

The following formula is utilized for calculating the cohort four-year dropout rate:

$$\frac{\text{Dropouts}}{\text{2012 Cohort Total}}$$

Some schools in Michigan offer 9th, 9th-10th, and 9th-11th grade campuses from which students do not graduate, and thus these schools do not receive a four-year graduation rate. The cohort total for these buildings is determined by the number of students who were reported at the building for two or more count days who may have transferred out of the building, but did not transfer out of the district by the time they were last reported. CEPI only computes this total for buildings where an authorized user did not report any graduates.

To help district authorized users calculate which building would be accountable for a student, relative to dropout rates, here are some examples where a student attended for at least two count dates:

- If "**Student A**" dropped out while attending a ninth-grade building, the student would only be included in the building's dropout rate, as the student did not attend any 10th-12th-grade buildings.
- If "**Student B**" attended a ninth-grade building and continued on to a 10th-12th-grade building, but eventually dropped out, the student would be included in the 10th-12th-grade building's dropout rates.
- If "**Student C**" attended a ninth-grade building and continued on to a 10th-12th-grade building where the authorized user reported this student as off-track (graduated or continuing) or an other completer, the student would not be included in any building's dropout rate, as this student did not dropout.
- If "**Student D**" transferred into the district to a 10th-12th-grade building and dropped out, the student would be included in the 10th-12th-grade building's dropout rate, as the student did not attend any ninth-grade buildings.
- If "**Student E**" attended a ninth-grade building and continued on to a 10th-12th-grade building, transferred to another district and then dropped out, this student would only be included in the new district's dropout rate.

Table 3

Dropout Rate Accountable Entity for Non-Graduating Buildings					
	Building	Cohort Status	Building	Cohort Status	Accountable Building
Student A	Ninth grade	Dropout	N/A	N/A	Ninth grade
Student B	Ninth grade	On-track or Off-track Continuing	10th-12th-grade	Dropout	10th-12th-grade
Student C	Ninth grade	On-track or Off-track Continuing	10th-12th-grade	Off-track (graduated or continuing) or Other Completer	10th-12th-grade
Student D	N/A	N/A	10th-12th-grade	Dropout	10th-12th-grade

Dropout Rate Accountable Entity for Non-Graduating Buildings					
	Building	Cohort Status	Building	Cohort Status	Accountable Building
Student E	Ninth grade	On-track or Off-track Continuing	10th-12th-grade in another district	Dropout	10th-12th-grade in the other district

Understanding the 2012 Cohort Four-year Graduation and Dropout Rate Report

The 2012 cohort four-year graduation rate report contains buildings/districts where students are educated in any high school grades (9th-12th) or when students' ages are 15 or older (i.e., students who are eligible to graduate from high school). There are two calculation rules that may result in building rates not summing to district rates and district rates not summing to state rates:

1. **Court-Ordered Facilities:** Buildings that solely serve neglected and or delinquent children and youth as defined by Title I, Part D will receive a building rate, but these students will not be included in the district's rate nor will the building rate be subject to AYP determinations for federal accountability purposes. (See Appendix A.)
2. **Count Dates:** See section on "Calculating Building/District/State Rates" on pages 7 and 8 of this document.

Reading the 2012 Cohort Four-year Graduation and Dropout Rate Report

The graduation and dropout rate report includes data for the state, every district and every building from which students graduate. This report is divided into the following eleven columns:

Table 4

Column Name	Column Definitions
District/Building Name (Code)	The first line of the report shows the State of Michigan rates, followed by an alphabetical listing of local education agencies (LEAs), then public school academies (PSAs) and then intermediate school districts (ISDs). The district-level data are identified in shaded rows. The buildings that constitute the district appear below the district name in non-shaded rows that are slightly indented.
First Time 9th Grade in Fall 2008	Total number of students who were identified as first-time ninth-graders in fall 2008, which was the group of students who initially formulated the 2012 cohort.
(+) Transfers In	Total number of students who transferred into the state, district or building at any time during the four-year period and remained there.
(-) Transfers Out & Exempt	Total number of transfers out and exempt students. Transfers out are students who transferred out of the district or building and were submitted by a new district. Exempt are those who transferred out of the public school system at any time during the four-year period and did not return (exited to out-of-state, to nonpublic school or to home-school). Deceased students are also exempt.
Cohort	Total number of students in the 2012 cohort for the state, for each district and for each building after adjustments were made for transfers in, transfers out and exempt students.
On-Track Graduated	Total number of students in the 2012 cohort who completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other

Column Name	Column Definitions
	advanced certificate in five years or less.
Dropout (Reported & MER)	Total number of students who left high school permanently at any time during the four-year period or whose whereabouts are unknown (MER).
Off-Track Continuing	Total number of students who did not complete high school in four years and are still continuing in school.
Other Completer (GED, etc.)	Total number of students who earned a GED or other certificate or reached special education maximum age.
Graduation Rate	The percentage, calculated as On-Track Graduated divided by the 2012 Cohort, of the total number of students in the 2012 cohort who completed high school with a regular diploma in four years or less.
Dropout Rate	This is the percentage, calculated as Dropouts divided by the 2012 Cohort Total, of the total number of students in the 2012 cohort who left high school permanently at any time during the four-year period, or whose whereabouts are unknown.

A cell containing "< 10" indicates there were zero or fewer than 10 total students in the cohort or in a cohort status at the building for two count days or the district for one count day. It is possible to have "< 10" even though the first-time ninth-grader, transfers in and transfers out columns have a zero total. This is due to the fact that cohort students now in the building/district for at least two count days are categorized as "exempt."

The Subgroup Report

Reading the 2012 Cohort Four-year Subgroup Report

Subgroups are divided into three categories, and are not mutually exclusive. These categories are:

1. Gender - males and females
2. Race - American Indian or Alaska Native (AI/AN), Asian American, Black or African-American, Native Hawaiian or Other Pacific Islander (H/PI), White, Hispanic or Latino, and Multiracial
3. Program eligibility - economically disadvantaged, LEP, migrant, students with disabilities and homeless

The 2012 cohort four-year subgroup rate report includes data for the state, every district, and every building from which students graduate, and is divided into ten columns. The columns include:

Table 5

Column Name	Column Definitions
District Name	This is the alphabetical listing, beginning with the state and followed by districts included in the report.
Building Name	This is the alphabetical listing of the buildings that make up the district.
Subgroup*	Divided into three categories of gender, race and program eligibility.
2012 Cohort Total**	Total number of students in the 2012 cohort for the state, for each district and for each building after adjustments were made for transfers in, transfers out and exempt students.
On-Track Graduated	Total number of students in the 2012 cohort who completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high

Column Name	Column Definitions
	school with a regular diploma AND an associate degree or other advanced certificate in five years or less.
Dropout (Reported & MER)	Total number of students who left high school permanently at any time during the four-year cohort period or whose whereabouts are unknown (MER).
Off-Track Continuing	Total number of students who did not complete high school in four years and are still continuing in school.
Other Completer	Total number of students who earned a GED or other certificate, or reached special education maximum age.
Graduation Rate	The percentage, calculated as On-Track Graduated over 2012 Cohort, of the total number of students in the 2012 cohort who completed high school with a regular diploma in four years or less.
Dropout Rate	This is the percentage, calculated as Dropouts divided by the 2012 Cohort Total, of the total number of students in the 2012 cohort who left high school permanently at any time during the four-year period, or whose whereabouts are unknown (MER).

* For more information on subgroup determination, see the section under Business Rules.

** < 10 in a cell indicates that there were 0 or fewer than 10 students in the cohort or in a status at the building for two count days or the district for one count day.

The Cohort Five-Year Graduation and Dropout Rates

Cohort five-year graduation and dropout rates are calculated for students in the 2011 cohort. The five-year graduation rate is calculated in the same manner as the four-year rate, including students who graduated in the fifth year (off-track graduated) in the numerator. "On-track graduated" and "off-track graduated" are counted as the numerator and divided by the total count of all status categories (on-track graduated, off-track graduated, off-track continuing, other completer and dropout). Transfers in and out during that fifth year are accounted for as well. The total of the status categories is the 2011 Cohort Total:

The following formula is utilized for calculating the cohort five-year graduation rate:

$$\frac{\text{On-Track Graduated} + \text{Off-Track Graduated}}{\text{2011 Cohort Total}}$$

The five-year dropout rate is calculated in the same manner as the four-year rate, including those students who dropped out of high school in their fifth year. Transfers in and out during that fifth year are accounted for as well.

The following formula is utilized for calculating the cohort five-year dropout rate:

$$\frac{\text{Dropouts}}{\text{2011 Cohort Total}}$$

A building's or district's cohort five-year graduation and dropout rates could be greater than, less than or equal to the cohort four-year rates. There are three reasons for this discrepancy: 1) count dates, 2) numerator changes and 3) denominator changes.

Students who, in their fifth year, now meet the minimum count dates will be included in that district's and/or building's rates. For example, if a 2011 cohort student was at a building for one count date in the 2010-2011 school year, that student was counted in the district rate only. If, in the student's fifth year, that off-track student attended for

another count date in the same building, that student will now be reflected in the denominator of the building's five-year rates.

According to the federal regulations released in October 2008, states cannot freeze cohorts. Once a cohort has graduated, the cohort total (the denominator used in the graduation and dropout rates) cannot be "locked" at that total. The cohort total must remain "open" to allow for accountability to be placed with the correct entity for students who attend high school beyond the fourth year. Below is a table demonstrating graduation and dropout rate change examples.

Table 6

Graduation and Dropout Rate Change Examples				
	4-Year Rate	5-Year Rate	Rate Change	Possible Explanation
Graduation Rate	97%	97%	Remains the same	No off-track continuing students graduated in the fifth year (numerator does not change) and no off-track continuing students transferred in or out (denominator does not change).
	97%	99%	Increases	Off-track continuing students graduated in the fifth year.
	97%	95%	Decreases	Off-track students transferred into the district/building or met the minimum number of count dates in the fifth year and are still continuing (increases the denominator).
Dropout Rate	5%	5%	Remains the same	No off-track continuing students dropped out in the fifth year (numerator does not change) and no off-track continuing students transferred in or out (denominator does not change).
	5%	7%	Increases	Off-track continuing students dropped out in the fifth year.
	5%	3%	Decreases	Off-track students transferred into the district/building or met the minimum number of count dates in the fifth year and did not drop out (increases the denominator) or former dropouts complete high school (decreases the numerator).

Reading the 2011 Cohort Five-year Graduation and Dropout Rate Report

The 2011 cohort five-year graduation and dropout rate report includes data for the state, every district and every building from which students graduate. The report is divided into the following eleven columns:

Table 7

Column Name	Column Definitions
District/Building Name (Code)	The first line of the report shows the State of Michigan rates, followed by an alphabetical listing of LEAs, then PSAs and then ISDs. The district-level data are identified in shaded rows. The buildings that constitute the district appear below the district name in non-shaded rows that are slightly indented.
First Time 9th Grade in Fall 2007	Total number of students who were identified as first-time ninth-graders in fall 2007, which was the group of students who initially formulated the 2011 cohort.
(+) Transfers In	Total number of students who transferred into the state, district or building at any time during the five-year period and remained there.
(-) Transfers Out & Exempt	Total number of transfers out and exempt students. Transfers out are students who transferred out of the district or building and were submitted by a new district. Exempt are those who transferred out of the public school system at any time during the four-year period and did not return (exited to out of state, to nonpublic school or to home-school). Deceased students are also exempt.
Cohort	Total number of students in the 2011 cohort for the state, for each district and for each building after adjustments were made for transfers in, transfers out and exempt students.

Column Name	Column Definitions
On-Track + Off-Track Graduated	On-Track Graduated: Total number of students in the 2011 cohort who completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advanced certificate in five years or less. Off-Track Graduated: Total number of students in the 2011 cohort who completed high school with a regular diploma in more than four years; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advance certificate in more than five years.
Dropout (Reported & MER)	Total number of students who left high school permanently at any time during the five-year period, or whose whereabouts are unknown (MER).
Off-Track Continuing	Total number of students who did not complete high school in five years and are still continuing in school.
Other Completer (GED, etc.)	Total number of students who earned a GED or other certificate, or reached special education maximum age.
Graduation Rate	The percentage, calculated as On-Track Graduated + Off-Track Graduated divided by the 2011 Cohort, of the total number of students in the 2011 cohort who completed high school with a regular diploma in five years or less.
Dropout Rate	This is the percentage, calculated as Dropouts divided by the 2011 Cohort Total, of the total number of students in the 2011 cohort who left high school permanently at any time during the four-year period, or whose whereabouts are unknown.

The Cohort Six-Year Graduation and Dropout Rates

Cohort six-year graduation and dropout rates are calculated for students in the 2010 cohort. The six-year graduation rate is calculated in the same manner as the five-year rate, including students who graduated in the sixth year (Off-track graduated) in the numerator. "On-track graduated," "off-track graduated" and "off-track 5+ graduated" are counted as the numerator and divided by the total count of all status categories (on-track graduated, off-track graduated, off-track continuing, off-track 5+ continuing, other completer and dropout). Transfers in and out during that sixth year are accounted for as well. The total of the status categories is the 2010 Cohort Total.

The following formula is utilized for calculating the cohort six-year graduation rate:

$$\frac{\text{On-Track Graduated} + \text{Off-Track Graduated} + \text{Off-Track 5+ Graduated}}{\text{2010 Cohort Total}}$$

The six-year dropout rate is calculated in the same manner as the five-year rate, including those students who dropped out of high school in their sixth year. Transfers in and out during that sixth year are accounted for as well.

The following formula is utilized for calculating the cohort six-year dropout rate:

$$\frac{\text{Dropouts}}{\text{2010 Cohort Total}}$$

A building or district's cohort six-year graduation and dropout rates could be greater than, less than or equal to the cohort four-year rates. There are three reasons for this discrepancy: 1) count dates, 2) numerator changes and 3) denominator changes.

Students who, in their sixth year, now meet the minimum count dates will be included in that district's and/or

building's rates. For example, if a 2010 cohort student was at a building for one count date in the 2009-2010 school year, that student was counted in the district rate only. If, in the student's sixth year, that off-track student attended for another count date in the same building, that student will now be reflected in the denominator of the building's six-year rates.

Table 8

Graduation and Dropout Rate Change Examples				
	5-Year Rate	6-Year Rate	Rate Change	Possible Explanation
Graduation Rate	97%	97%	Remains the same	No off-track continuing students graduated in the sixth year (numerator does not change) and no off-track continuing students transferred in or out (denominator does not change).
	97%	99%	Increases	Off-track continuing students graduated in the sixth year.
	97%	95%	Decreases	Off-track students transferred into the district/building or met the minimum number of count dates in the sixth year and are still continuing (increases the denominator).
Dropout Rate	5%	5%	Remains the same	No off-track continuing students dropped out in the sixth year (numerator does not change) and no off-track continuing students transferred in or out (denominator does not change).
	5%	7%	Increases	Off-track continuing students dropped out in the sixth year.
	5%	3%	Decreases	Off-track students transferred into the district/building or met the minimum number of count dates in the sixth year and did not drop out (increases the denominator) or former dropouts complete high school (decreases the numerator).

Reading the 2010 Cohort Six-year Graduation and Dropout Rate Report

The 2010 cohort six-year graduation rate report includes data for the state, every district and every building from which students graduate. The report is divided into the following eleven columns:

Table 9

Column Name	Column Definitions
District/Building Name (Code)	The first line of the report shows the State of Michigan rates, followed by an alphabetical listing of LEAs, then PSAs and then ISDs. The district-level data are identified in shaded rows. The buildings that constitute the district appear below the district name in non-shaded rows that are slightly indented.
First Time 9th Grade in Fall 2006	Total number of students who were identified as first-time ninth-graders in fall 2006, which was the group of students who initially formulated the 2010 cohort.
(+) Transfers In	Total number of students who transferred into the state, district or building at any time during the six-year period and remained there.
(-) Transfers Out & Exempt	Total number of transfers out and exempt students. Transfers out are students who transferred out of the district or building and were submitted by a new district. Exempt are those who transferred out of the public school system at any time during the four-year period and did not return (exited to out of state, to nonpublic school or to home-school) Deceased students are also exempt.
Cohort	Total number of students in the 2010 cohort for the state, for each district and for each building after adjustments were made for transfers in, transfers out and exempt students.

Column Name	Column Definitions
On-Track + Off-Track Graduated + Off-Track +5 Graduated	<p>On-Track Graduated: Total number of students in the 2010 cohort who completed high school with a regular diploma in four years or less; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advanced certificate in five years or less.</p> <p>Off-Track Graduated: Total number of students in the 2010 cohort who completed high school with a regular diploma in more than four years; or if enrolled in an early/middle college, completed high school with a regular diploma AND an associate degree or other advance certificate in more than five years.</p> <p>Off-Track + 5 Graduated: Total number of students in the 2010 cohort who completed high school with a regular diploma in more than five years.</p>
Dropout (Reported & MER)	Total number of students who left high school permanently at any time during the six-year period, or whose whereabouts are unknown (MER).
Off-Track Continuing	Total number of students who did not complete high school in six years and are still continuing in school.
Other Completer (GED, etc.)	Total number of students who earned a GED or other certificate, or reached special education maximum age.
Graduation Rate	The percentage, calculated as On-Track Graduated + Off-Track Graduated + Off-Track +5 Graduated divided by the 2010 Cohort, of the total number of students in the 2010 cohort who completed high school with a regular diploma in six years or less.
Dropout Rate	This is the percentage, calculated as Dropouts divided by the 2010 Cohort Total, of the total number of students in the 2010 cohort who left high school permanently at any time during the four-year period, or whose whereabouts are unknown.

Appendix A: Title I Part D Delinquent Facilities

District Code	Fiscal Agent	School Code	School Name
03000	Allegan Area ESA	08165	Allegan County Youth Home
03902	Outlook Academy	09085	Strict Discipline Academy
09000	Bay-Arenac ISD	07276	Bay County Juvenile Home
11000	Berrien RESA	02577	Berrien County Juvenile Center
13000	Calhoun ISD	05491	Starr Commonwealth
13000	Calhoun ISD	09757	Calhoun County Juvenile Home
16000	Cheb-Otsego-Presque Isle ESD	09026	Russell House
19000	Clinton County RESA	09752	Turning Point Youth Center
30000	Hillsdale ISD	00737	Lochaven (Hillsdale Co. Prob. Court/Hillsdale Co. Youth Home)
33000	Ingham ISD	06581	Highfields, Inc.
33000	Ingham ISD	08755	St. Vincent Home
33020	Lansing School District	00579	Ingham County Youth Center
38000	Jackson ISD	06435	Youth Home - Jackson ISD
41010	Grand Rapids Public Schools	00671	Kent County Juvenile Detention (Waalkes)
41010	Grand Rapids Public Schools	07784	Bethany Christian Services
41010	Grand Rapids Public Schools	08556	Kent County Correctional Facility
41010	Grand Rapids Public Schools	08900	Holy Cross Children Services (Haven)
41010	Grand Rapids Public Schools	08231	Day Treatment
41010	Grand Rapids Public Schools	08442	Kent Co. Sheriffs Honor Camp
41160	Kentwood Public Schools	09961	Pine Rest Christian Mental Health Services
41922	Lighthouse Academy	09924	Wedgwood Christian Services
46000	Lenawee ISD	08863	Boysville of MI, Clinton Campus
46000	Lenawee ISD	09527	Maruice Spear Campus
49010	St. Ignace Area Schools	07718	Sault Tribe Youth Facility
50140	L'Anse Creuse Public Schools	05970	Macomb Co. Juvenile Justice Center
54000	Mecosta Osceola ISD	09039	Eagle Village - Ashmun School
54000	Mecosta Osceola ISD	09040	Pineview Homes, Inc.
54000	Mecosta Osceola ISD	09041	Muskegon River Youth Home
58000	Monroe County ISD	08224	Monroe County Youth Center
58000	Monroe ISD	09396	Holy Cross Children's Services-Moreau Center
61240	Whitehall District Schools	09598	Muskegon County Juvenile Detention Center
63110	Oxford Community Schools	05006	Crossroads for Youth, Inc.
63300	Waterford School District	02803	Children's Village School
70000	Ottawa Area ISD	09640	Ottawa County Juvenile Detention Center
73000	Saginaw ISD	07016	Saginaw Co. Detention Center
73000	Saginaw ISD	08777	Michael J McGivney
73040	Saginaw Township Comm Schools	08178	Mackinaw High School
73080	Buena Vista Schools	08693	Wolverine Secure Treatment Center
74911	St. Clair Co Intervention Academy	09455	St. Clair County Intervention Academy

District Code	Fiscal Agent	School Code	School Name
79000	Tuscola ISD	09353	Bridges Assessment Center
79000	Tuscola ISD	09354	Bridges Assessment Center Residential
79150	Vassar Public Schools	07857	Wolverine Human Services Pioneer Work and Learn
81000	Washtenaw ISD	04391	Washtenaw Co. Youth Center
82971	Blanche Kelso Bruce Academy	09142	Blanche Kelso Bruce Academy-Conner
82971	Blanche Kelso Bruce Academy	09612	Wolverine Human Services - St. Judes' Home for Boys
82971	Blanche Kelso Bruce Academy	09618	Don Bosco Hall; DePaul Center
82971	Blanche Kelso Bruce Academy	09707	Wayne Co. Juvenile Detention Facility - St. Antonie
82996	Clara B. Ford Academy	09787	Clara B. Ford Academy (SDA)
82998	ACE Academy	09850	Calumet/Lincoln Center