

Montana Assessment
Conference
January 13, 2020 Helena, MT



Data– Year 12

- ▶ 2008-09 Baseline year.
- ▶ Eleventh year of a fully functioning student information system, AIM (Achievement in Montana).
- ▶ Enrollment records matched on a nine-digit State ID.



Data Verified In Infinite Campus

- ▶ Each district logged into Infinite Campus.
- ▶ Secondary and Primary certifiers.
- ▶ Primary certified data went to the State and into the End of Year Snapshot.

Dropouts 2018/2019 School Year

According to the AIM collection system:

- ▶ Dropouts (grades 7-12) increased from 1,486 to 1,604 in the last year.

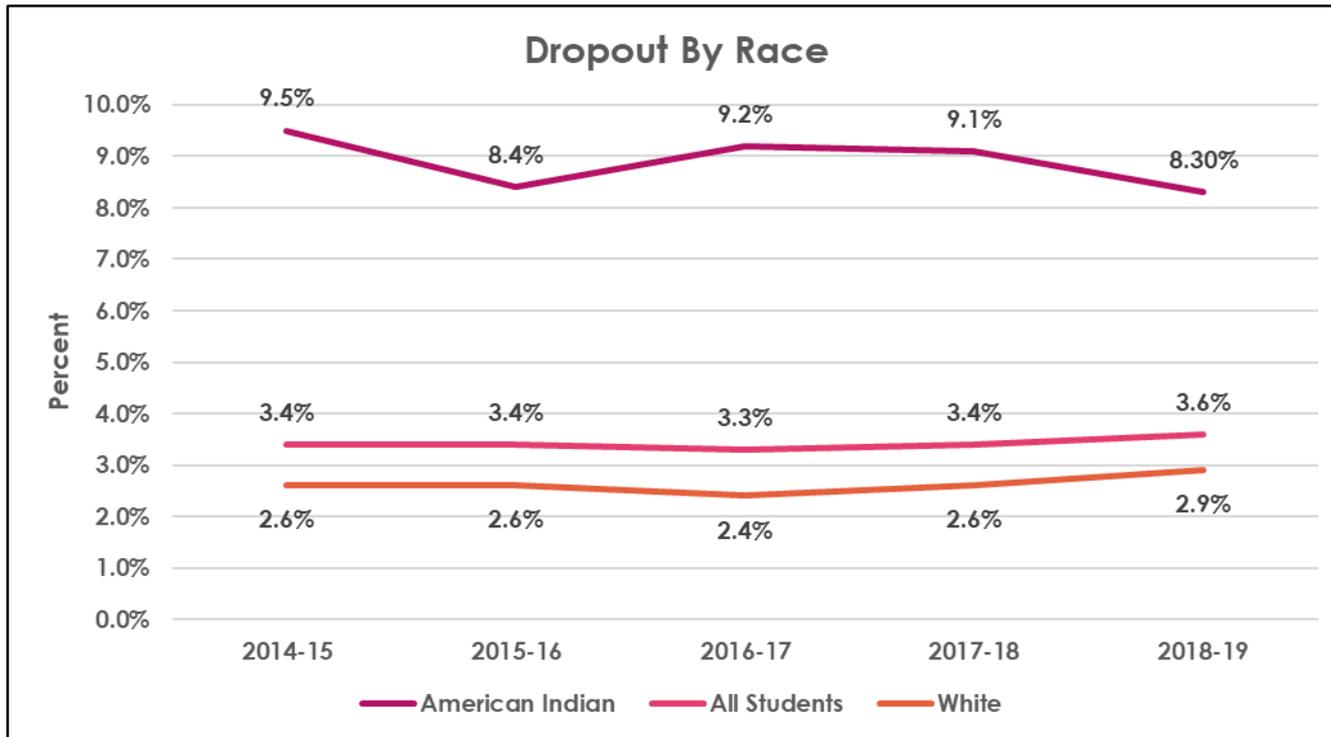
Dropouts (grades 9-12) increased from 1,417 to 1,539 in the last year.

- ▶ Public and State Funded Schools Only
- ▶ Montana Youth Challenge



Dropout Rates

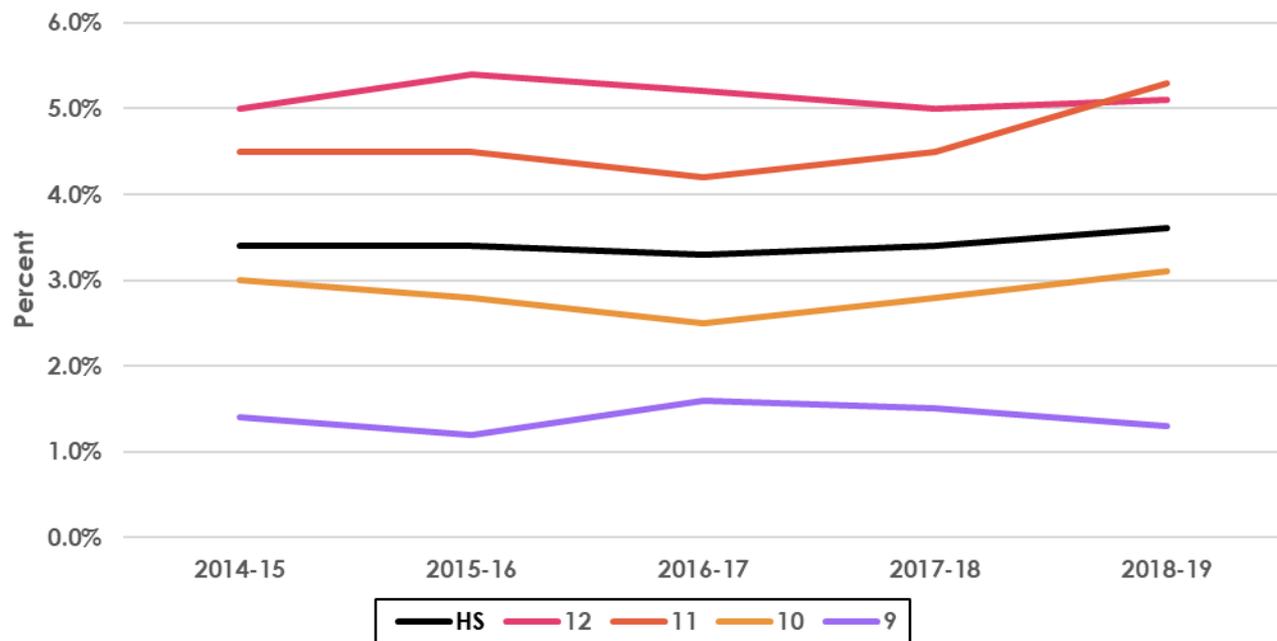
- ▶ The high school dropout rate increased to 3.6% from 3.4% last year.
- ▶ Increase in number and increase rate for grades 7-12 for the 2nd straight year.
- ▶ Previous to the 13-14 data, dropouts decreased for seven straight years. One year up, one year down, one year with unchanged rate, and one year down. And now two years up.



Peak Dropout Grade

- ▶ In 2018-19, peak dropout rates were observed in the 11th grade. The dropout rate for 11th graders increased over last year to 5.3% from 4.5%.
- ▶ 2006-07 (first year of AIM) that 11th grade was highest.
- ▶ The 12th grade dropout rate went up but only to 5.1% from 5.0%
- ▶ After six years the American Indian peak dropout rate dropped to the 11th grade from the 12th grade as well.

Dropouts By Grade



Gender

- ▶ Males drop out of school at a higher rate than females.
 - ▶ Males make up 51% of the total school enrollment in grades 7-12 and make up 58% of the dropouts.
 - ▶ Females 49% of enrollment and 42% of dropouts.

Male (Grades 7-12) dropout rates increased at a higher rate than females.

Females rate sharply drop in the 12th grade dropout rate compared to 11th grade

Males higher in the 12th grade than 11th

American Indian

- ▶ American Indian students make up 11% of the total school enrollment in grades 7-12.
- ▶ American Indian students make up 25% of the total dropouts in grades 7-12. It was 29% in 2017-18.
- ▶ American Indian Dropout rate decreased from 5.9% to 5.8%.
- ▶ The dropout rate for White students increased from 1.7% to 1.9%.

Dropout Rate by Programs

- ▶ *ESSA and its predecessor mandated reporting of dropout rates by several programs; Special Education, English Learner(EL), and Free and Reduced Lunch.*
- ▶ *For high school students the English Learner rate is 2.8 times higher, Free and Reduced lunch is 1.7 times higher and Special Education is 1.6 times higher than the rate for all students.*

Graduation Rates

- ▶ **2019 Four-year Adjusted Cohort Graduation Rate**
- ▶ The graduating class of 2018-2019 is the eighth cohort for which the MT Office of Public Instruction is able to calculate a four-year adjusted cohort graduation rate. This rate is the percentage of students in a cohort, adjusted for transfers in and out of school, district, or state, that graduate with a regular high school diploma within four years of the student's first enrollment in ninth grade. For the graduating class of 2019, the cohort began ninth grade in the fall of 2015. The Cohort Graduation Rate replaced the Graduation Rate for AYP calculations in 2012.
- ▶ Completion Rate
 - ▶ Based on the number of graduates receiving a high school diploma regardless of number of years.



Cohort Graduation Rate

- ▶ For the 2018-19 graduation cohort: 86.6% on-time graduation rate
- ▶ Up from 86.4% for the 2017-18 graduation cohort.
- ▶ The statewide goal for the four year adjusted cohort graduation rate was 85% or show improvement towards this goal (when first adopted in 2010-11).
- ▶ 3rd year of increase in rate after the first decrease in the Graduation Rate since the Cohort Graduate Rate was started.
- ▶ Highest cohort graduation rate reported in MT



Graduation By Student group

| Group | Graduates | Dropouts | Continuing | Out of Cohort | Grand Total | 2018-19 Graduation Rate | 2017-18 Grad Rate |
|--------------------------------|-----------|----------|------------|---------------|-------------|-------------------------|-------------------|
| All Students | 9002 | 1155 | 234 | 1718 | 12109 | 86.6% | 86.4% |
| FRL | 3705 | 896 | 172 | 950 | 5723 | 77.6% | 78.0% |
| Special Education | 1023 | 239 | 49 | 284 | 1595 | 78.0% | 76.5% |
| EL Students | 272 | 106 | 39 | 60 | 477 | 65.2% | 62.9% |
| American Indian/ Alaska Native | 728 | 270 | 93 | 167 | 1258 | 66.7% | 67.5% |
| White | 7504 | 754 | 119 | 1296 | 9673 | 89.6% | 89.4% |
| Hispanic/ Latino | 349 | 65 | 6 | 139 | 559 | 83.1% | 79.4% |

American Indian Cohort

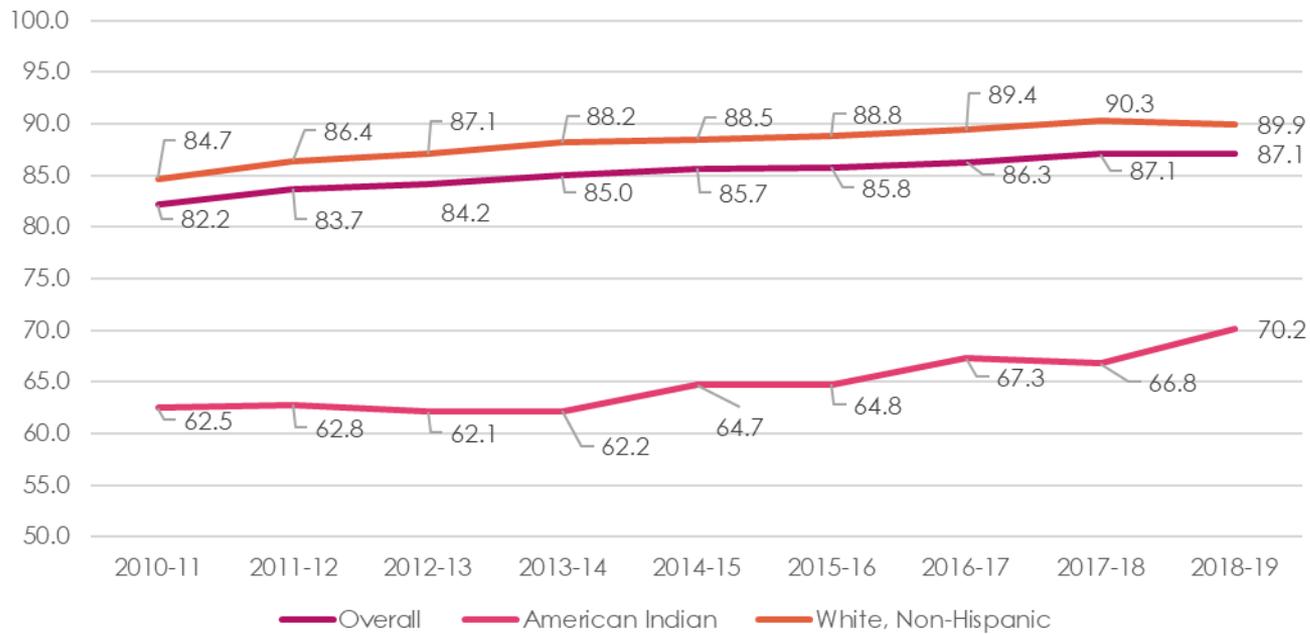
- ▶ The 4-Year Cohort Graduation Rate for American Indian students is 66.7%. Down from 67.5% in 2018.
- ▶ The 4-year Cohort Graduation Rate for White Students is 89.6%, up from 89.4% in 2018.

Graduates

- There were 9,273 high school completers in 2018-19. Last year was 9,155.
- The Completion Rate is calculated using four years of dropout data.
- The High School Completion Rate increased to 87.2%.
- The Completion Rate for White students decreased from 90.3% to 89.9%.



Montana Completion Rates



American Indian Graduates

- ▶ The Completion Rate for American Indian students increased from 66.8% to 70.2%.
- ▶ Best in the 21st Century
- ▶ The American Indian Completion Rate is 19 percentage points below that of White students.
- ▶ Inverse of the Cohort American Indian rate
- ▶ The percentage of American Indian completers, as a percentage of total completers is 8.5%.



GEMS



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2017 Graduate And Dropout Data Is Available

Graduation and Dropout information for the 2017 Graduating Class is ready to view. Both the Four Year Cohort Graduation data and the 12th Grade Completion data are available.

[Graduation Dashboard](#)



GEMS

Montana's Statewide Longitudinal Education Data System

Welcome! This data reporting system provides access to multiple years of data and interactive reports on student achievement, graduation rates, enrollment, program and course offerings, district and school profiles, the National Assessment of Progress (NAEP), and financial information reported by school districts. Additionally, GEMS provides users the ability to compare Montana schools side-by-side.

Resources

We provide schools, policy makers, parents and the public with unprecedented access to data and reports regarding Montana's public education system. Here are some resources to help guide you through GEMS. Please visit our [Training Center](#) for a complete set of our helpful resources.

- [Data Definitions & Explanations](#)
- [OPI Data Collections Calendar](#)
- [User Manual](#)
- [FAQs](#)

Data Transport System

The OPI has designed a data transport system to facilitate the collection and exchange of student information required for Montana standard transcripts. School or district personnel using Infinite Campus, PowerSchool or Schoolmaster, have the option to use the MT Transcript extract in their SIS system to upload student transcript data into a secure database. <https://datatransport.opi.mt.gov/>

Parchment Exchange

Free, certified, electronic transcripts are now available to high school students enrolled in participating schools.



GEMS

- ▶ Data Warehouse - Re-design soon
- ▶ Student Characteristics
- ▶ Graduation Dashboard
 - ▶ State Funded and Public
- ▶ Dropout Dashboard



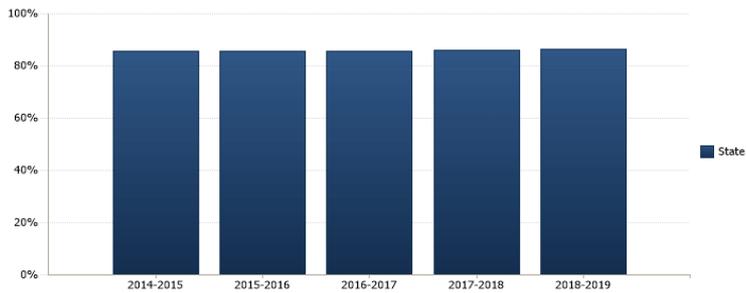
GEMS - Graduation

- Dashboard Features and Printing
- View a Dashboard Demo
- Data Definitions & Explanations

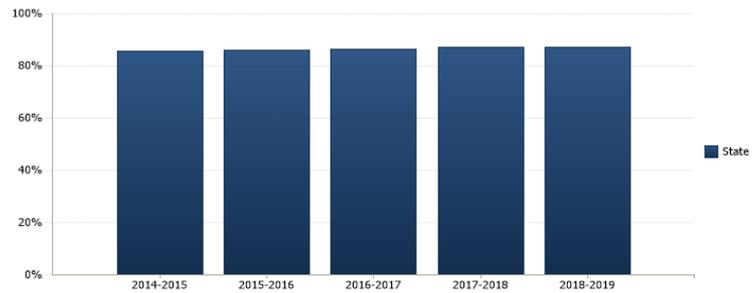
Counties, Districts, and Schools :

District Organization Type :

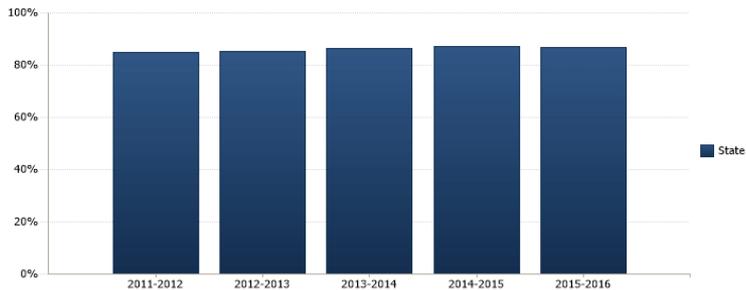
Four-Year Cohort Graduation Rate Comparison



Completion Rate



Five-Year Cohort Graduation Rate Comparison



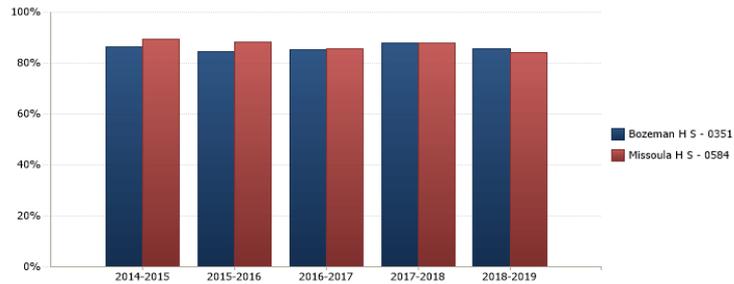
GEMS Graduation BZN VS MSO

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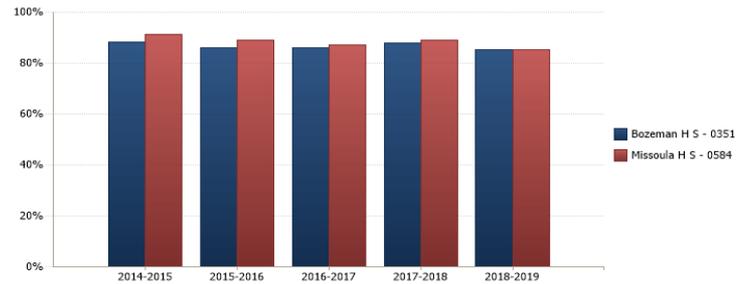
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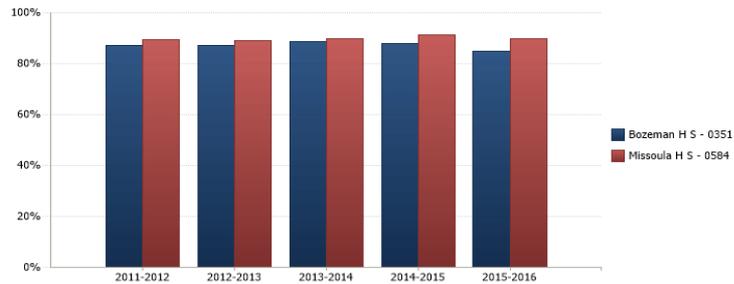
Four-Year Cohort Graduation Rate Comparison



Completion Rate



Five-Year Cohort Graduation Rate Comparison



GEMS Dropout

Dropout Dashboard

Dropout Dashboard

Help Links:

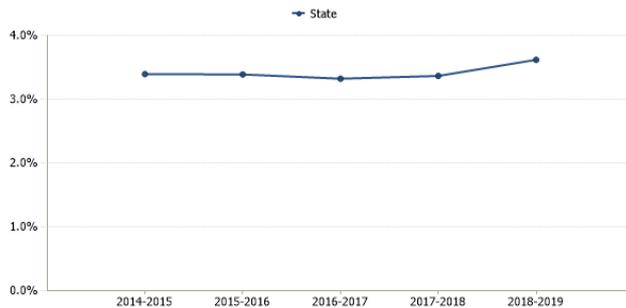
- [Dashboard Features and Printing](#)
- [View a Dashboard Demo](#)
- [Data Definitions & Explanations](#)

Counties, Districts, and Schools :

District Organization Type :

Student Grade Level Range :

Dropout Rate Comparison



GEMS Dropout BZN VS MSO



Growth and Enhancement
of Montana Students
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GEMS > Student Characteristics > Dropout Dashboard

Dropout Dashboard

Dropout Dashboard

Help Links:

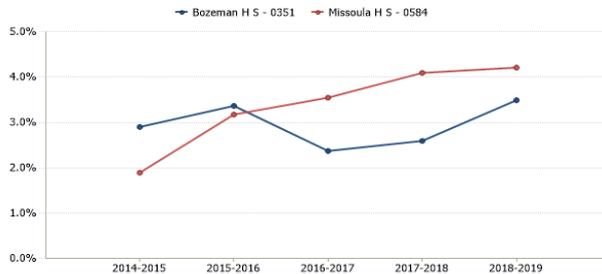
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Counties, Districts, and Schools :

District Organization Type :

Student Grade Level Range :

Dropout Rate Comparison



Last Updated - Enrollment Snapshot



Conclusions

- ▶ Increasing High School Dropout rate
- ▶ More 11th grade students numerically and percentage wise are dropping out.
 - Digging deeper fewer American Indian students are dropping out, but well above state averages.

Conclusions

- ▶ More students numerically and percentage wise are dropping out and more are completing high school than in 2017-18.
Historical the best year ever.
- ▶ American Indian Students are completing high school at historical highs, but well below state averages.

Questions?

