

# MONTANA STATEWIDE DROPOUT AND GRADUATE REPORT

Montana Assessment

Conference

January 14, 2019 Bozeman, MT



# DATA—YEAR I I

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- 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 NEW!!!

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- ▶ 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 2017/2018 SCHOOL YEAR

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## According to the AIM collection system:

▶ Dropouts (grades 7-12) increased from 1,451 to 1,486  
in the last year.

Dropouts (grades 9-12) increased from 1,392 to 1,417  
in the last year.

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

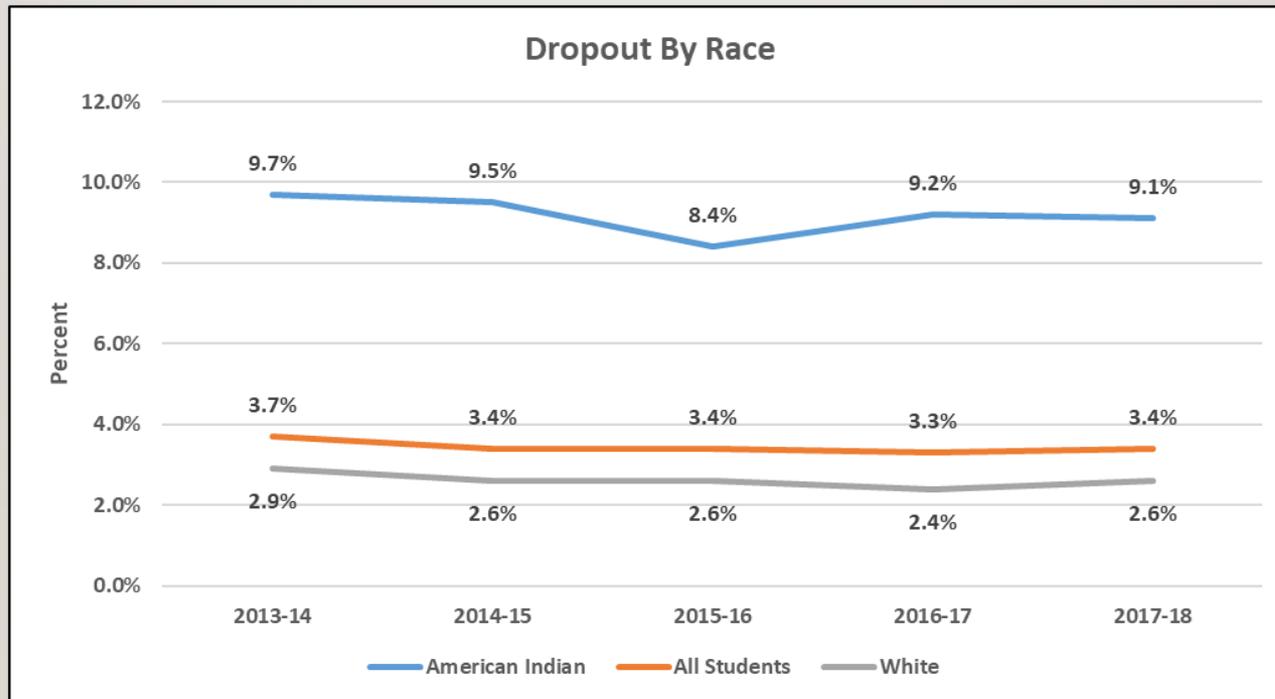




# DROPOUT RATES

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- The high school dropout rate increased to 3.4% from 3.3% last year.
- Increase in number and increase rate for grades 7-12 after a one year decrease in the number of dropouts in 17-18.
- 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 one year up.

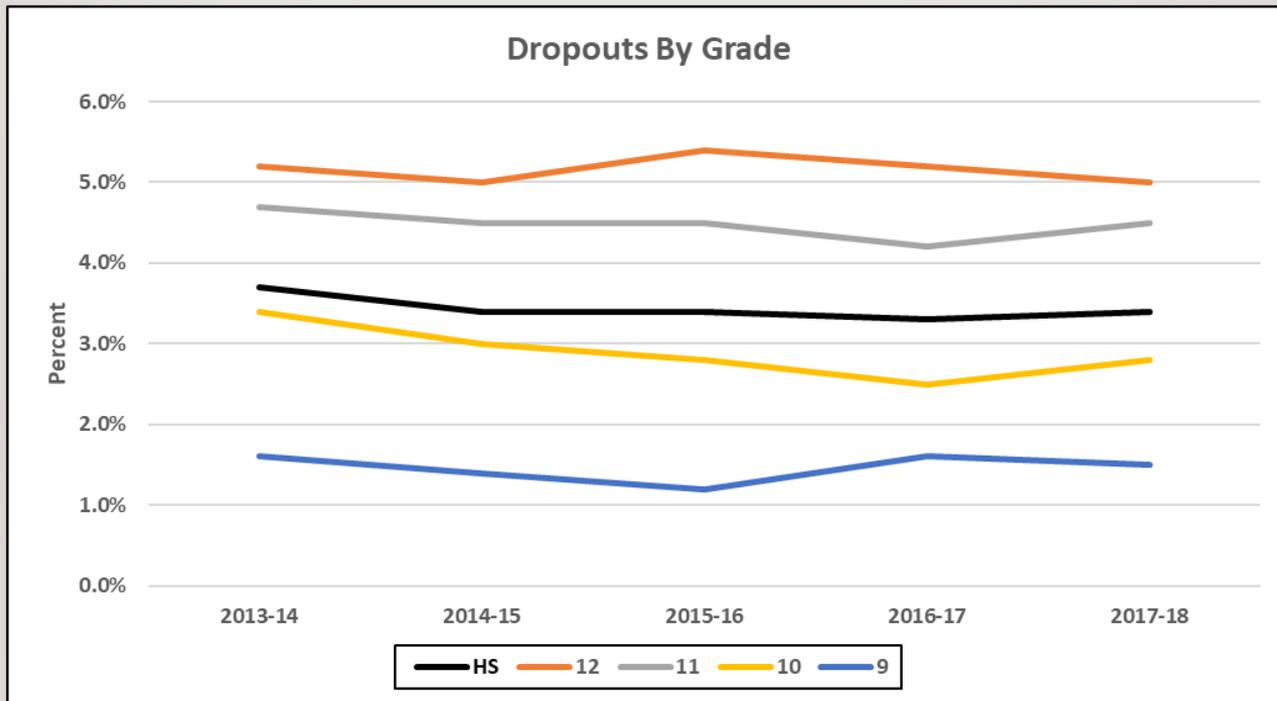




# PEAK DROPOUT GRADE

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- In 2017-18, peak dropout rates were observed in the 12<sup>th</sup> grade. The dropout rate for 12<sup>th</sup> graders decreased over last year to 5.0% from 5.2%.
- The 10<sup>th</sup> and 11<sup>th</sup> grade dropout rate had the biggest increase in the dropout rate each increasing 0.3% points
- For the fifth year American Indian Students peak dropout rates were observed in the 12<sup>th</sup> grade.



# GENDER

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- 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 stayed the same as 2016-17 at 2.6% and female dropout rates increased from 1.9% to 2.0%.



# AMERICAN INDIAN

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- ▶ American Indian students make up 11% of the total school enrollment in grades 7-12.
- ▶ American Indian students make up 29% of the total dropouts in grades 7-12. It was 27% in 2015-16.
- ▶ American Indian Dropout rate decreased from 6.3% to 6.2%.
- ▶ The dropout rate for White students increased from 1.6% to 1.7%.



# 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 2.9 times higher, Free and Reduced lunch is 1.8 times higher and Special Education is 1.4 times higher than the rate for all students.

# GRADUATION RATES

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## ▶ **2018 Four-year Adjusted Cohort Graduation Rate**

▶ The graduating class of 2017-2018 is the seventh 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 2018, the cohort began ninth grade in the fall of 2014. 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 RATES

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- Formula

$$\frac{\text{The number of students in the adjusted cohort earning a regular high school diploma by August 2018}}{\text{The number of first time ninth grade students in the 2014-15 cohort, adjusted for transfers in and out}}$$

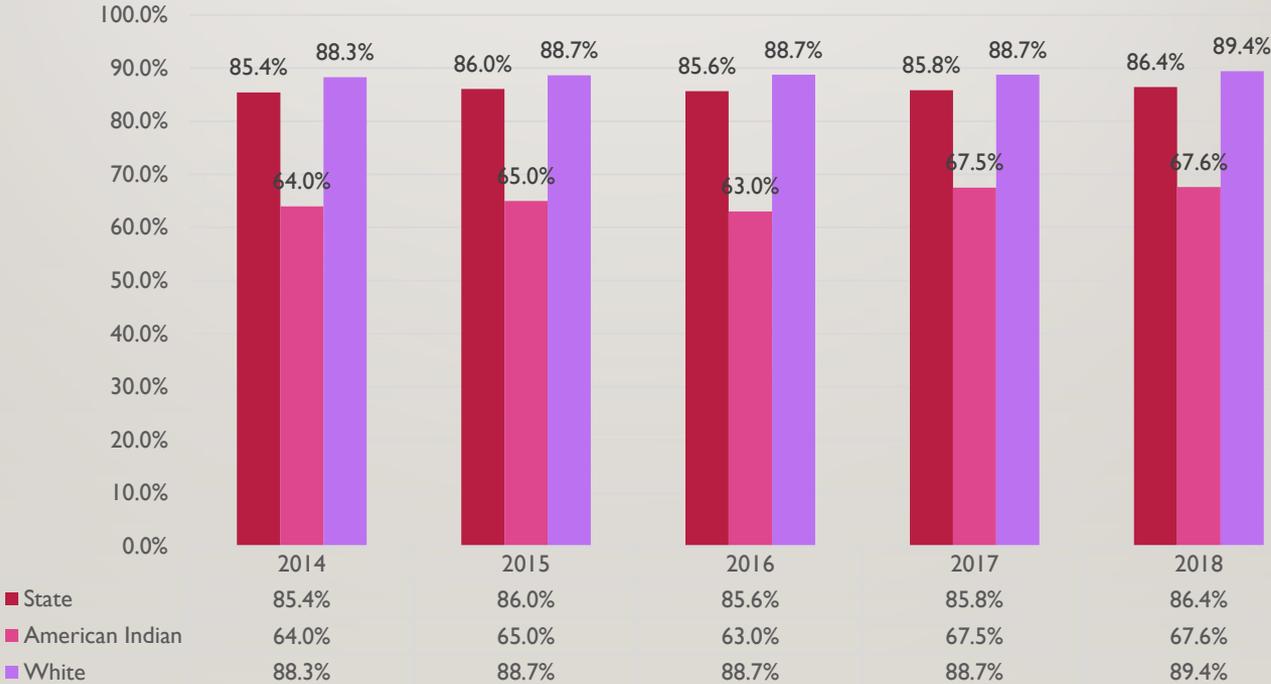


# COHORT GRADUATION RATE

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- ▶ For the 2017-18 graduation cohort: 86.4% on-time graduation rate
- ▶ Up from 85.8% for the 2016-17 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).
- ▶ 2<sup>nd</sup> 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

# COHORT GRAD RATE BY RACE/ETHNICITY





# AMERICAN INDIAN COHORT

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- The 4-Year Cohort Graduation Rate for American Indian students is 67.6%. Up from 67.5% in 2017.
- The 4-year Cohort Graduation Rate for White Students is 89.4%, up from 88.7% in 2017.
- Data here is based on a new race/ethnicity classification scheme, that adds a separate “multi-racial” category.



# GRADUATES

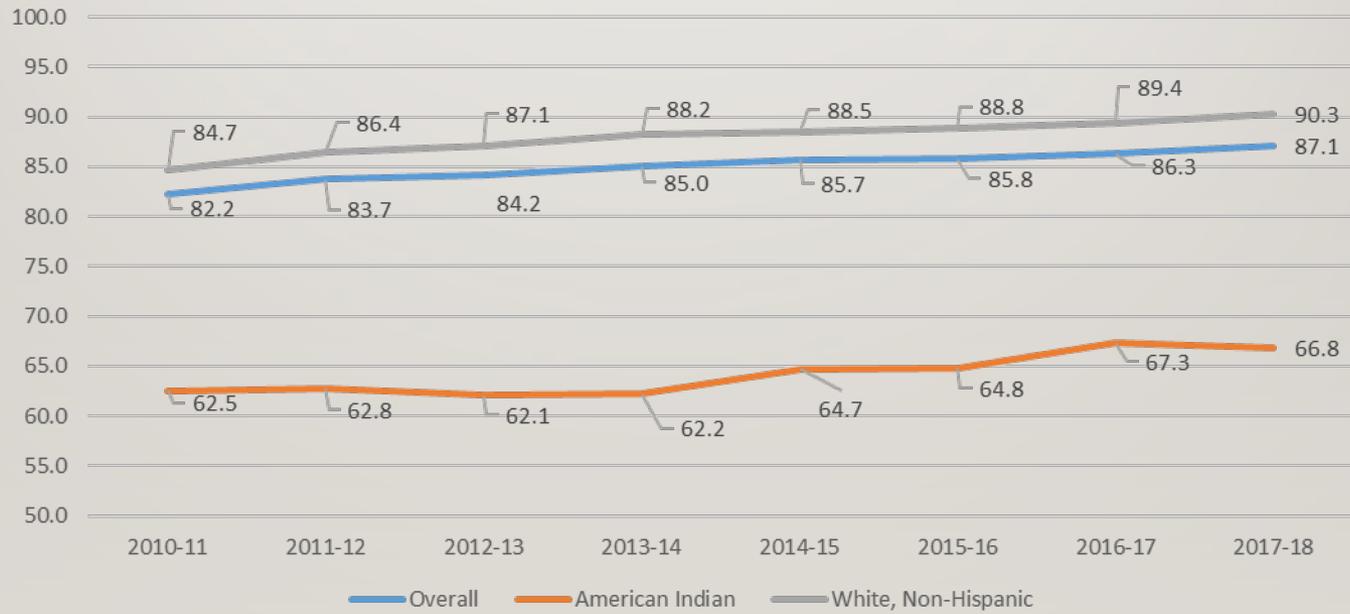
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- There were 9,155 high school completers in 2017-18.
- The Completion Rate is calculated using four years of dropout data.
- The High School Completion Rate increased to 87.1%.
- The Completion Rate for White students increased from 89.4% to 90.3%.



opi.mt.gov

### Montana Completion Rates





# AMERICAN INDIAN GRADUATES

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- The Completion Rate for American Indian students decreased from 67.3% to 66.8%.
- The American Indian Completion Rate is 23 percentage points below that of White students.
- The percentage of American Indian completers, as a percentage of total completers is 8.5.

# GEMS

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**gems** Growth and Enhancement of Montana Students  
gems.opi.mt.gov

**Montana** Office of Public Instruction  
Elsie Arntzen, Superintendent

[DATA](#) [FIND SCHOOLS](#) [HOW TO USE GEMS](#) [CONTACT US](#)

## 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](#)



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### 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

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- Data Warehouse
- Student Characteristics
- Graduation Dashboard
  - State Funded and Public
- Dropout Dashboard



# GEMS - GRADUATION

## Graduation Dashboard

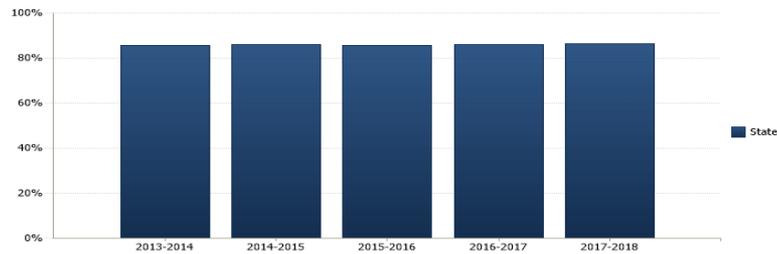
### Help Links:

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

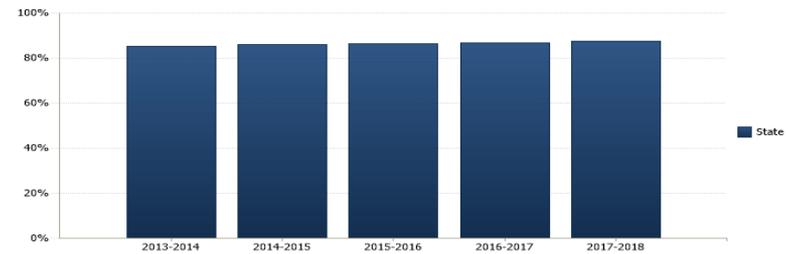
Counties, Districts, and Schools :

District Organization Type :

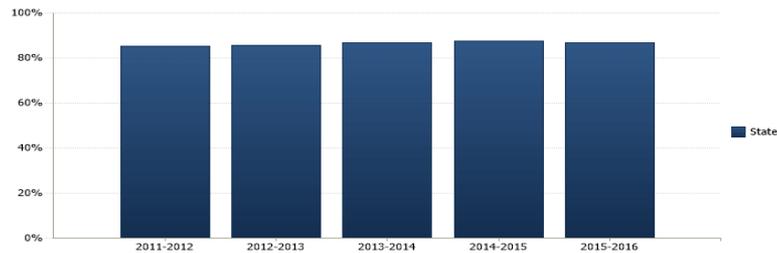
Four-Year Cohort Graduation Rate Comparison



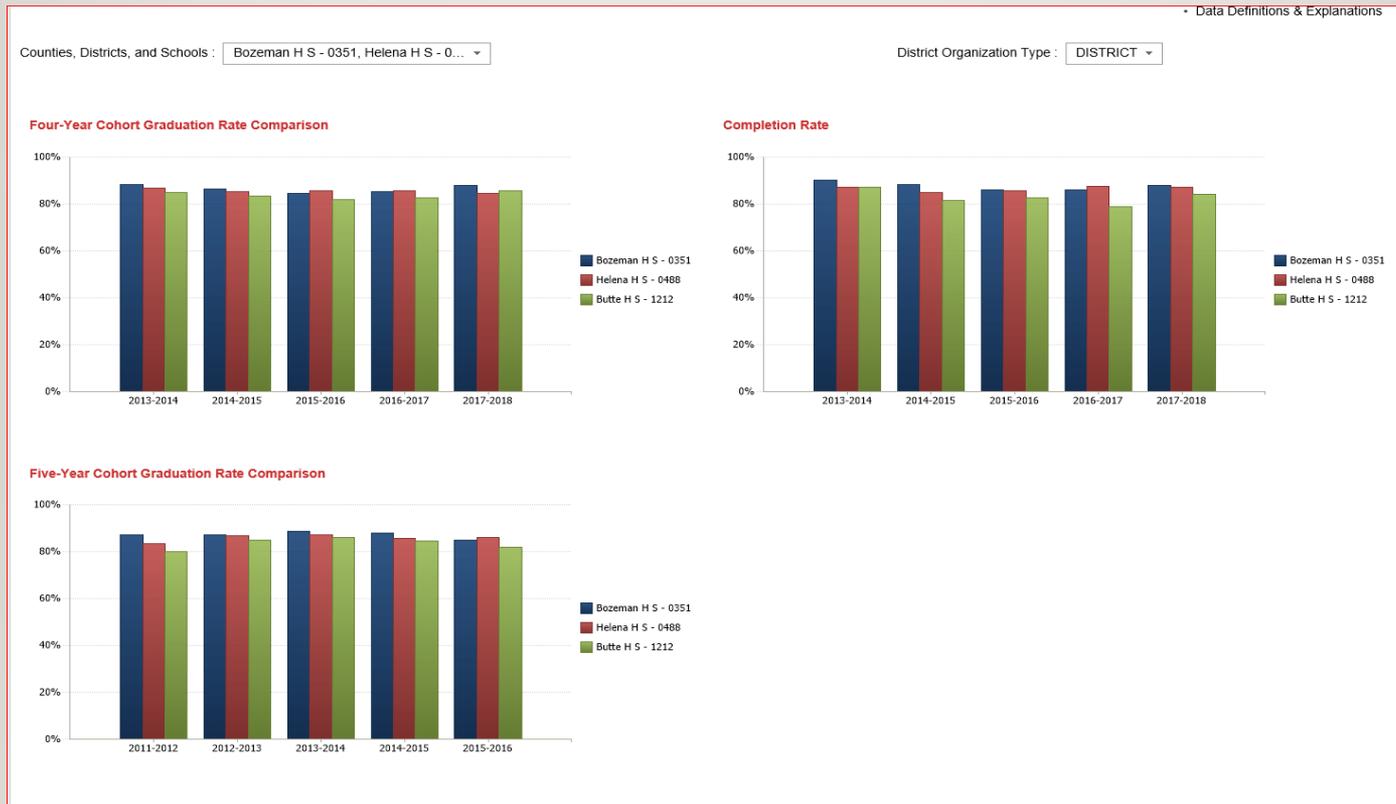
Completion Rate



Five-Year Cohort Graduation Rate Comparison



# GEMS GRADUATION BZN VS



# GEMS DROPOUT

## Dropout Dashboard

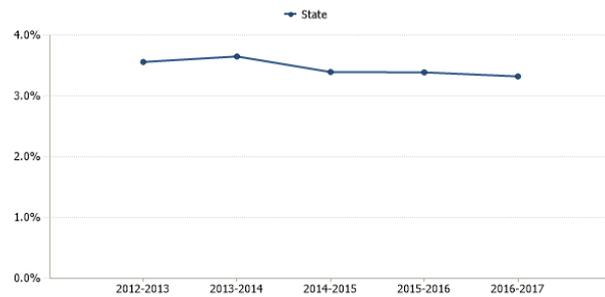
### Dropout Dashboard

Counties, Districts, and Schools :

District Organization Type :

Student Grade Level Range :

### Dropout Rate Comparison



### Help Links:

- Dashboard Features and Printing
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- Data Definitions & Explanations

# GEMS DROPOUT BZN VS



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of Montana Students  
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DATA FIND SCHOOLS HOW TO USE GEMS CONTACT US

GEMS > Student Characteristics > Dropout Dashboard

## Dropout Dashboard

Dropout Dashboard

### Help Links:

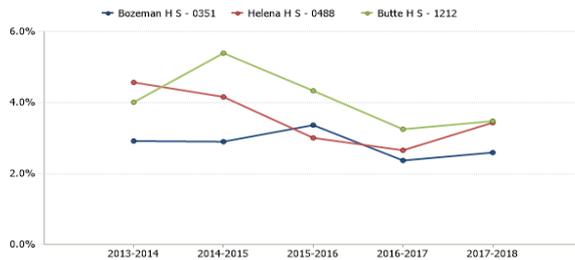
- Dashboard Features and Printing
- View a Dashboard Demo
- Data Definitions & Explanations

Counties, Districts, and Schools : Bozeman H S - 0351, Helena H S - 0...

District Organization Type : All

Student Grade Level Range : 9-12

### Dropout Rate Comparison



Last Updated - Enrollment Snapshot





# CONCLUSIONS

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- ▶ More students numerically and percentage wise are dropping out and more are completing high school than in 2016-17.

One of the best year dropout wise in AIM era.

- ▶ Digging deeper fewer American Indian Students are dropping out, but well above state averages.
- ▶ American Indian Students are completing their high school education, but well below state averages.

# CONCLUSIONS

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- Seventh year for 4-Year Cohort Graduation Rate.
- Completion rates improved for White students.
- Cohort rates improved for White students
- A 21 percentage point gap between American Indian and White Students.
- That gap is not showing any, measurable, signs of decreasing.

# QUESTIONS?

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