# Report on the Progress of American Indian Students 

IPP PUBLIC PRESENTATION - OCTOBER 2019

District demographics and IPP data

## Academic data

Summary of tests district utilizes
Achievement data in language arts and math
Growth data in language arts and math
College readiness tests (PSAT and SAT)
Graduation data
Drop-out data
Participation in AP and honors classes
Special populations - ESS (\% of population compared to non-Native), ELL (NEP, LEP, monitoring), and GT (\% of population compared to non-Native)

## Student engagement

Student attendance
Student behavior data
Participation in school activities

DEMOGRAPHIC DATA IN THIS IPP REPORT

29\% of students in the District are Native American

Data in this report are broken down by tribe where available (All Native American, Navajo, and Ute Mountain Ute)

Where this data is not available by tribe the report is broken out by Native American and Non-Native American

The category of Non-Native American in this reportincludes Hispanic, White, and All Others (Asian, Black, Multi-racial)

District Demographics

$■$ Native American ■ Hispanic

- White
- All Others

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Academic Data

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| Test Name | What Subjects <br> Does it <br> Measure? | Does it <br> measure <br> Achievement? | Does it <br> measure <br> Growth? | What grades <br> are tested? | What do we use this test for? |
| :--- | :--- | :--- | :--- | :--- | :--- |

## EVERY STUDENT. EVERY DAY. <br> Achievement in Language Ats and Math

What does achievement data tell us?

- Achievement data tells us whether individual students have met "grade level" standards
- Achievement data tells us what percentage of students are meeting "grade level" standards in a school and across the district

What achievement data is presented in this report?

- Data showing what percentage of students are meeting and not meeting "grade level" standards in elementary school and grades 6-8 in language arts and math based on State tests (CMAS) and PSAT (grades 9-10)
- Data showing how students scored compared to other students nationally (STAR data)
- Data showing comparisons of Native American students and non-Native American students
- Data showing achievement of Navajo and Ute Mountain Ute students specifically

Hementary - Are sudents achieving grade level standards in language arts?

## EVERY STUDENT.

EVERY DAY.
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## CMAS TESTS

How do we read this data?
These charts show the percentage of students who are meeting grade level standards (green) and the percentage of students who are not meeting grade level standards (red). These tests apply to grades 3-5.

## What does this data mean?

Native American students are less likely to meet grade level standards than non-Native American students and Native American Student are twice as likely to score as "did not meet" as non-Native American students

Percentage of Students Reading and Writing on Grade Level (Meets or Exceeds on CMAS)



Reading and Writing (Does not Meet)


# Eementarv - Are sudents achievina crade level standards in math? 

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These charts show the percentage of students who are meeting grade level standards (green) and the percentage of students who are not meeting grade level standards (red). These tests apply to grades 3-5.

What does this data mean? Native American students are less likely to meet grade level standards than non-Native American students and Native American Student are more than twice as likely to score as "did not meet" as non-Native American students

Percentage of Students Doing Math on Grade Level
(Meets or Exceeds on CMAS)


Percentage of Students Scoring in the Lowest Category on Math (Does not Meet)


## Eementary - Are or youngest students leaming to read?

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EVERY STUDENT. EVERY DAY.

## DIBELS TESTS

How do we read this data?
These charts show the percentage of students who are meeting standards (green) and the percentage of students who are not meeting standards
(red). These tests apply to grades $K-3$

What does this data mean?
Native American students scores on DIBELS have been flat the last two years. The DIBELS test scores language arts in early grades ( $K-3$ ).
Non-Native American students score higher that Native American students on the DIBELS test but their scores have also been flat.

Percentage of Students Scoring At/Above Grade Level (Meets or Exceeds on DIBELS)


Percentage of Students Scoring in the Lowest Category on Reading (Does not Meet on DIBELS)


## Eemertary -Howdoes ar language arts achievement compare tothe nation?

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## STAR TESTS

## How do we read this data?

This chart shows the ranking of our students compared to other students across the nation based on a national test called the STAR test. A rank of 100 is the highest and a rank of 1 is the lowest. A rank of 50 is considered a typical score for an average student. This is NOT similar to the scores for earning and $A, B, C, D$. What does this data mean? Native American students scores declined last year and are still lower than non-Native students when compared to other students across the nation based on the national STAR test.

STAR Percentile Ranking on National Language Arts Test
(Goal is 50)


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EVERY STUDENT. EVERY DAY.

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What does this data mean? Native American students scores are improving but are still lower than non-Native students when compared to other students across
the nation based on the national STAR test.
STAR Percentile Ranking on National Math Test
(Goal is 50)


Grades 6-8- Are sudents achieving grade level standards in language arts?

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likely to score as "did not meet" as non-Native American students

## Percentage of CMS Students Reading and Writing on Grade Level (Meets or Exceeds on CMAS)



Percentage of CMS Students Scoring in the Lowest Category on Reading and Writing (Does not Meet)


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Orades 6-8 - Arestudents achieving grade level standards inmath?
EVERY STUDENT. EVERY DAY.

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## What does this data mean?

Native American students are less likely to meet grade level standards than non-Native American students and Native American Student are more likely to score as "did not meet" compared to non-Native American students
*Note:Achievement for 2015-16 and 2016-17 includes $9^{\text {th }}$ grade

Percentage of CMS Students Doing Math on Grade Level
(Meets or Exceeds on CMAS)


Percentage of CMS Students Scoring in the Lowest Category on Math (Does not Meet)


# Orades 6-10 -Hww does ar language arts achievemert compare tothe nation? 

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EVERY STUDENT. EVERY DAY.

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CMS STAR Percentile Ranking on National Language Arts Test (Goal is 50)


## Grades 6-10 -Hbwdoes ar math achievemert compare to the nation?

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STAR TESTS
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This is NOT similar to the scores for earning and $A, B, C, D$.
What does this data mean? Native American students score lower than non-Native students when compared to other students across the nation based on the national STAR test.

Grades 6-10 STAR Percentile Ranking on National Math Test (Goal is 50)


## Growth Data in Language Ats and Math

What does growth data tell us?

- Growth data tells us how quickly our students are growing compared to other academically similar students across the state (CMAS) and nation (STAR)

What growth data is presented in this report?

- Data showing how quickly students are growing in elementary school and grades 6-8 in language arts and math compared to other students in the state (CMAS) and nation (STAR)
- Data showing comparisons of Native American students and non-Native American students
- Data showing achievement of Navajo and Ute Mountain Ute students specifically

Hemertary - Are studerts growing academically as fast as other studerts in the state?

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Elementary Median Growth Percentile Language Arts
(Goal 50)

## CMAS TESTS

How do we read this data?
These charts show how quickly 50 or above is our students are growing compared to academically similar students. A growth score of 50 represents average growth for students in Colorado.

What does this data mean?
Native American students are growing similarly to other students in the state in language arts and somewhat slower in math.


Elementary Median Growth Percentile Math
(Goal 50)


Grades 6-8 - Arestuderts growing asfast acaderically as other studerts in the state?

## EVERY STUDENT.

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Middle* School Median Growth Percentile Language Arts (Goal 50)

## CIMAS TEST'S

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What does this data mean?
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*Note: Growth for 2015-16 and 2016-17 includes $9^{\text {th }}$ grade


Middle* School Median Growth Percentile Math
(Goal 50)


Bementary - Are students growing as fast academically as other students in the nation?
Elementary Median Growth Percentiles in Language Arts (STAR 50 is goal)

## STAR TESTS

How do we read this data?
These charts show how quickl. 50 or above is our students are growing compared to academically similar students. A growth score of 50 represents average growth for students in the nation


Elementary Median Growth Percentiles in Math (STAR 50 is goal)
Native American students are growing more slowly than other students across the nation (50 is average growth) and more slowly compared to non-Native students in the District

Secondary - Are students growing as fast academically as other students in the nation?

Secondary Median Growth Percentiles in Language Arts

## STAR TESTS

How do we read this data?
These charts show how quickly our students are growing compared to academically similar students. A growth score of 50 represents average growth for students in the nation

What does this data mean?
Native American students are growing more slowly than other students across the nation (50 is average growth) and more slowly compared to
(STAR 50 is goal)
the goal the goal
is


Secondary Median Growth Percentiles in Math (STAR 50 is goal)

50 or above is the goal non-Native students in the District

## Hgh Schoo Acaderic Data

What does High School academic data tell us?

- Data tells us how many students are participating in AP classes
- Data tells us if students are ready for college
- Data tells us how many students are dropping out and how many are graduating
- Data tells us how Native American students compare to non-Native American students and includes data for Navajo and Ute Mountain Ute students specifically

What High School academic data is presented in this report?

- Data on participation in AP classes
- PSAT and SAT data (shows whether students are ready for college).
- Drop-outrate
- Graduation rate


# What percentage of students in AP dases are Native American? 

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EVERY DAY.

## AP Class Participation

## How do we read this data?

This chart shows the percentage of students in AP classes that are Native American.
What does this data mean? Native American students are slightly under-represented in AP classes and enrollment has declined from last year. For example, 29\% of students in the Grades 11-12 are Native American but between 8-17\% of students in AP classes are Native American. Last year the percentage of Native American students in AP classes ranged from 14-26\%.

## 11th Grade AP Participation

$12^{\text {th }}$ Grade AP Participation


## Grades 9-11 - Are ar studerts ready for college in Reading and Witing Skills?

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EVERY STUDENT. EVERY DAY. (PSAT and SAT)

Percentage of Students who are Scoring as College-Ready in Reading and Writing on SAT/PSAT

## PSAT/SAT TESTS

How do we read this data?
These charts show the percentage of students who are ready for college based on the PSAT and SAT tests (green) and the percentage that are not ready (red).

## What does this data mean?

Native American students are
less likely to be ready for college according to the PSAT/SAT when compared to non-Native American students.
*Note:Achievement for 2016-17 does not include ${ }^{\text {th }}$ grade

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*Note:Achievement for 2016-17 does not include $9^{\text {th }}$ grade

Grades 9-11 - Are our students ready for college in Math Skills?
(PSAT and SAT)
Grades 9-11 - Are our students ready for college in Math Skills?
(PSAT and SAT)
Percentage of Students who are Scoring as College-Ready in Math on SAT/PSAT


Percentage of Students Scoring as not College-Ready on Math (PSAT and SAT)


## Grades 9-11 - Are our students growing academically in reading, witing andmath? (PSAT and SAT)

## PSAT/SAT TESTS

How do we read this data?
These charts show how quickly our students are growing compared to academically similar students. A growth score of 50 represents average growth for students in the nation

What does this data mean?
Native American students are growing more quickly than other students across the
nation in reading/writing and slower than other students across the nation in math (50 is average growth)

PSAT-SAT Growth Reading and Writing and Math (Goal is 50)


## DROP-OUT RATES

## How do we read this data?

This chart shows the drop-out rate comparing Native American students with non-Native American students. Drop-out rate is calculated each year based on the number of students who drop-out that year.
What does this data mean? Native American students were more likely to drop-out than non-Native students. However drop-out rates are going down for Native American students and non-Native students.

Drop-Out Rate 4 Year Trend
20
18
16
14
12
10
8



## Dstrict Graduation Rates

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## GRADUATION RATES

How do we read this data?
This chart shows the 4 year graduation rate comparing Native American students with non-Native American students.
The 4 year graduation rate is calculated based on the percentage of students who graduate within 4 years of starting high school.

What does this data mean?
Native American students were
less likely to graduate than nonNative students. Graduation rates are going up for both Native American and non-

Native students.

## Graduation Rates* 4 Year Trends

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## Special Populations Data

## Special Populations Data

## What does Special Populations data tell us?

${ }^{\circ}$ The percentage of Native American students in special education compared to the percentage of Native American students in the school as a whole

- The percentage of Native American students in gifted and talented education compared to the percentage of Native American students in the school as a whole
- The percentage of Native American students who are English language learners

How well our English language learners who are Native American are doing in learning English

## SPECIAL EDUCATIONSTUDENTS

## How do we read this data?

These charts shows the percentage of students in special education, comparing Native American students with non -Native American students. The chart on the left shows the percentage of students in the District who are Native American. The chart on the right shows the percentage of students in Special Education who are Native American students.

What does this data mean? Native American students make up $29 \%$ of district enrollment but make up $41 \%$ of students in Special Education. This means that Native Americans were more likely to be in Special Education than non-Native students.

## Percentage of students who are <br> Native American in District

## Percentage of students in Special Education who are Native American


$\square$ Native American $\quad$ Non-Native American

## How does the percentage of Native American students in Gfted and Talented Education compare to nan-Native American students in G ? <br> GIFTED AND TALENTED STUDENTS

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## How do we read this data?

These charts shows the percentage of students in Gifted and Talented, comparing Native American students with non-Native American students. The chart on the left shows the percentage of students in the District who are Native American. The chart on the right shows the percentage of students in Gifted and Talented who are Native American students.

What does this data mean? Native American students make up $29 \%$ of district enrollment but make up $10 \%$ of students in GT. This is improved from 5\% in the prior year, but Native American Students are still less likely to be identified as GT.

Percentage of students who are Native American in District

$\square$ Native American $\quad$ Non-Native American Non-Native American

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## What percentage of Native American students are English Language Leamers?

## English Language Learners

## How do we read this data?

This chart shows the breakdown of how many Native American students are English language learners by tribe. It also shows how many students are identified as Non-English Proficiency (NEP) or Limited English Proficiency (LEP).

Native American Students Designated English Language Learners (ELL) - 2018-19

|  | Total ELL | Total N | \% All | NEP | \% ELL | LEP | \% ELL |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| All NA | 34 | 763 | $4.5 \%$ | 5 | $14.7 \%$ | 29 | $85.3 \%$ |
| Navajo | 18 | 414 | $4.3 \%$ | 3 | $16.7 \%$ | 15 | $83.3 \%$ |
| Ute Mountain Ute | 15 | 302 | $5.0 \%$ | 2 | $13.3 \%$ | 13 | $86.7 \%$ |
| Non-NA | 127 | 1670 | $7.6 \%$ | 32 | $25.2 \%$ | 95 | $74.8 \%$ |

## Student Engagement Data

## ATTENDANCE

## How do we read this data?

This chart shows the attendance rate comparing Native American students with non-Native American students. What does this data mean? Native American students were absent more often than non-Native students. Ute Mountain Ute Middle and High school students missed almost 25\% of school days


Hbwdoes the suspension rates of Eementary Native American

## OUT OF SCHOOL SUSPENSION

## How do we read this data?

These charts shows the percentage of students suspended at elementary school comparing Native American students with non-Native American students. The chart on the left shows the percentage of students in the school who are Native American compared to non-Native American. The chart on the right shows the percentage of suspensions that are given to Native American students.
What does this data mean? Native American students make up $31 \%$ of elementary school enrollment but make up $52 \%$ of suspensions which is an increase over last year. Overall, the number of out of school suspensions have decreased but suspensions among Native American students decreased less than other students.

Elementary Enrollment


## Elementary Suspensions



- Native American students ■ Non-Native American


## OUT OF SCHOOL SUSPENSION

## How do we read this data?

These charts shows the percentage of students suspended at middle school comparing Native American students with nonNative American students. The chart on the left shows the percentage of students in the school who are Native American compared to non-Native American. The chart on the right shows the percentage of suspensions that are given to Native

## American students.

What does this data mean? Native American students make up $31 \%$ of middle school enrollment but make up $55 \%$ of suspensions. Overall, the number of out of school suspensions have decreased but suspensions among Native American students decreased less than other students.

## Middle School Enrollment


$■$ Native American students $■$ Non-native American

## Middle School Suspensions



■ Native American students ■ Non-Native American

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## corpare to dher Non-Native students?

## OUT OF SCHOOL SUSPENSION

## How do we read this data?

These charts shows the percentage of students suspended at high school comparing Native American students with nonNative American students. The chart on the left shows the percentage of students in the school who are Native American compared to non-Native American. The chart on the right shows the percentage of suspensions that are given to Native American students.
What does this data mean? Native American students make up $29 \%$ of high school enrollment but make up $51 \%$ of suspensions. Overall, the number of out of school suspensions have decreased but suspensions among Native American students decreased less than other students.

## High School Enrollment

High School Suspensions


- Native American students Non-Native American

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Eligy siuedir Howmany Native Americans are participating in Athletics in Mdde Schod?

| Sport | \# of Participants | \# of Native American Students | $\%$ of Participants |
| :--- | :---: | :---: | :---: |
| Boys' Basketball | 38 | 10 | $26 \%$ |
| Girls' Basketball | 38 | 19 | $50 \%$ |
| Cross Country | 28 | 9 | $32 \%$ |
| Football | 32 | 12 | $38 \%$ |
| Track | 27 | 3 | $11 \%$ |
| Volleyball | 32 | 10 | $31 \%$ |
| Wrestling | 15 | 2 | $13 \%$ |
| Total Students | 210 | 65 | $31 \%$ |

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Howmany Native Americans are participating in Athetics in Hgh Schoo?

| Sport | Number of <br> Participants | Number of Native <br> American <br> Participants | Percentage |
| :--- | ---: | ---: | ---: |
| Football | 36 | 8 | $22 \%$ |
| Volleyball | 25 | 8 | $36 \%$ |
| Soccer (Boys) | 24 | 2 | $8 \%$ |
| Soccer (Girls) | 26 | 3 | $11 \%$ |
| Softball | 21 | 5 | $24 \%$ |
| Baseball | 34 | 3 | $9 \%$ |
| Track (Boys) | 42 | 4 | $9.50 \%$ |
| Track (Girls) | 25 | 4 | $16 \%$ |
| Golf | 9 | 0 | $0 \%$ |
| Basketball | 20 | 4 | $20 \%$ |
| (Boys) | 31 | 10 | $32 \%$ |
| Basketball | 16 | 5 | $31 \%$ |
| (Girls) | 11 | 2 | $18 \%$ |
| Wrestling | 9 | 0 | $0 \%$ |
| Cross Country | 22 | 27 | 9 |

## Native American <br> Parent Surveys What is this?

The district provided a parent survey for parents of Native American students this year. This is the first year of this survey, which will be provided annually.

The purpose of the survey is to learn more about the experiences, priorities and concerns of our Native American parents and students.

The survey was sent out via e-mail and provided in hard copy at various elementary schools. Next year a concerted effort will be made to ensure all parents receive a hard copy at their school.

Survey Respondents by Tribe



District received 29 surveys




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Dstrict Goals for Serving Native American Students (Title V)

Increase knowledge of cultural identity and awareness

Increase at-risk student support
Improve academic achievement
Improve graduation rates

## Support for reading and math for struggling students

Reading interventionists at each school (elementary)
District math coach to support teachers
District coach and paras to support English language learners

- Para-professionals to help struggling students
- After school tutoring and summer school (elementary and middle)
- Lexia, Zearn, Achieve 3000, Newsela - computer based intervention programs for elementary, middle and high

AVID support for middle and high school students to help with study skills and college readiness

## Support for students social-emotional needs and parent engagement

School counselors at large in-town elementary schools

- Mental health support funds for the middle school and wrap-around supports
- Cultural resources for our Native American Students including adopting Ute Mountain Ute curriculum and resources on the Navajo Tribe
Parent engagement funds
Support for teachers to build their instructional skills and teacher leadership
Professional development for teachers
Stipends for teacher leaders and mentors for new teachers
Assessment data and systems to help teachers progress monitor students

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 Services and Support for Native American Students?

Improving communication with tribe and community

- Communication Support Committee (CSC)

Parent Advisory Committee (PAC)
Improving academic support, achievement, and graduation

- AVID - relationship building and academic skill building for students
- Professional development for teachers
- Para professional academic support at elementary
- Student success advocates at middle and high school - support engagement, attendance, and academic achievement

Supporting cultural identity and awareness

- Native American club - attendance at cultural events and bringing cultural events to the schools
- Support for students to attend AISES conference - attendance at national conference for American Indian Science and Engineering conference
- Adopting Ute Mountain Ute Curriculum

Partner with the Tribal Education Department to review the district identification process for Special Education and Gifted and Talented (GT) to ensure we are best meeting the needs of our Native American Students

Partner with the Tribal Education Department and families to improve attendance and reduce truancy - especially in middle school and high school

Partner with the Tribal Education Department and families to support students experiencing discipline issues and suspension

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Support our youngest students in building a foundation for success in school

- Reading to children at home
- Enrolling students in pre-school

Support students in improving attendance - ensuring students are in school every day and on time

- Every minute of instruction counts!

Provide role models for our students

- Consider volunteering in schools (e.g.WatchDog Dads, PTOs, mentoring students)

Support students academically

- Attend parent-teacher conferences
- Attend parent academic nights at your school


[^0]:    *based on 4-year graduation rate.

