# **MN Student Community Profiles:** Exploring Developmental Skills, Supports, & Challenges

A new look at what youth bring to families, schools, and communities

# A Focus on American Indian Students

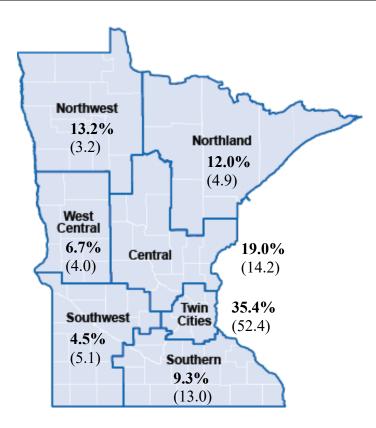
Analysis of the 2013, 2016 , & 2019 Minnesota Student Survey

MN Youth Development Research Group



<u>www.mnydrg.com</u>

Michael C. Rodriguez, PhD Educational Psychology University of Minnesota October 2020



From 2019 data, the top number in each region is the percent of American Indian students participating in the MSS located in that region; the number in parentheses is the regional location of 17 year olds or younger in the MN population.

Population data source: http://www.mncompass.org/

In the 2019 MSS, students within each racial/ethnic group were able to identify with ethnic communities within each larger community. American Indian student participants in 2019 identified as

43% Anishinaabe/Ojibwe19% Dakota/Lakota36% Other tribal affiliation

#### *The MSS provides us with an opportunity to* <u>listen</u> *and* <u>hear</u> *our students.*

In total across the three administrations of the MSS, 23,534 American Indian students in grades 5, 8, 9, and 11 participated. This includes American Indian students who identify with any other racial groups (about 66% do so), but not Latino, Somali, or Hmong. American Indian students account for 4.7% of participants across 2013 to 2019.

American Indian students in the MSS are located in each region of the state and all 87 counties. This is evident in the numbers on the map to the left.

Less than half of the American Indian students participating in the MSS (40%) reside in the Twin Cities; about half of youth 17 years old or younger in the population (52%) reside in the Twin Cities seven county region.

About 85% of school districts participated in each administration. Also, in some schools, nearly all students in grades 5, 8, 9, & 11 participate in the MSS. In other schools, students are sampled from these grades.

Counts of American Indian students participating in the MSS by region and year.

| Region            | 2013 | 2016 | 2019 |
|-------------------|------|------|------|
| Central           | 1398 | 1574 | 1272 |
| Northland         | 806  | 813  | 804  |
| Northwest         | 884  | 1006 | 884  |
| Southern          | 747  | 860  | 625  |
| Southwest         | 295  | 355  | 299  |
| Twin Cities Metro | 3595 | 3521 | 2379 |
| West Central      | 436  | 533  | 448  |
| Total             | 8161 | 8662 | 6711 |

#### **Positive Youth Development**

We base this work on the principles of Positive Youth Development.<sup>1</sup> This is informed by positive psychology and the developmental asset approaches. This provides us with a strong set of principles through which to be better equipped to meet the needs of youth across diverse communities.

- Youth have an inherent capacity for positive development
- That is enabled and enhanced through multiple meaningful relationships, contexts, & environments
- Where community is a critical delivery system
- And youth are major actors in their own development

#### **Equipped for Learning**

To be equipped for learning on Developmental Skills & Supports, students must score at the point where they report that the characteristics of the measure (values, beliefs, behaviors) are more like them than not. This is essentially an average of three out of four on a 4-point rating scale. The items measuring Developmental Skills & Supports function similarly across years and for students from different grades and different racial or ethnic backgrounds.

#### Does it make a difference?

Students who are equipped in the Developmental Skills & Supports report higher school grades, are more likely to have higher aspirations to go to college, and have higher participation in afterschool activities.

#### **Developmental Skills**

#### Commitment to Learning

I care about doing well in school, pay attention in class, go to class prepared, am interested in learning, find school learning useful, and being a student is an important part of who I am.

#### Positive Identity and Outlook (DAP)

I have a sense of control in my life, feel good about myself and future, deal well with disappointment and life's challenges, and think about my purpose in life.

#### Social Competence (DAP)

I say no to dangerous/unhealthy things, build friendships, express feelings appropriately, plan ahead and make good choices, resist bad influences, resolve conflicts without violence, accept differences in others, and recognize the needs and feelings of others.

#### **Afterschool Activities**

Ignite Afterschool promotes access and regular participation (3 times a week or more) in afterschool activities and programs.

The percent reporting positive experiences only includes those students with regular participation and was included in the 2016 and 2019 MSS.

For more information, see http://igniteafterschool.org/afterschool-access Those equipped for learning in the Developmental Skills & Supports are bullied less, engage in less bullying, are less likely to skip school or engage in substance use, and experience less mental distress

#### **Developmental Supports**

#### Empowerment (DAP)

I have a sense of safety at home, at school, and in the neighborhood; feel valued and appreciated; am included in family roles; and have responsibilities.

#### Family/Community Support

I feel cared for by parents, other adult relatives, friends, and other adults in the community.

#### Teacher/School Support

Adults at school treat students fairly and listen to students; school rules are fair; teachers care about students and care about and are interested in me.

DAP measures are from the *Developmental Asset Profile*, Search Institute, Minneapolis, MN.

#### **Additional Indicators**

- Indicators for trauma include 5<sup>th</sup> grade only in 2013 and for mental distress do not include 5<sup>th</sup> grade in any year; both indicators include grades 8, 9, & 11.
- Trauma experiences include homelessness, parent incarceration, verbal/physical abuse, sexual abuse, family alcohol/drug abuse.
- Mental Distress includes significant mental health and behavior-emotional problems; self-injury; suicidal thoughts and attempts.

<sup>&</sup>lt;sup>1</sup> Benson, P.L., Scales, P.C., Hamilton, S.F., & Sesma, A. (2006). Positive youth development: Theory, research, and applications. In W. Damon & R.M. Lerner (Eds.), *Handbook of child psychology*. Wiley.

# Am Indian Students in MN for 2013



# High School Graduation and Beyond

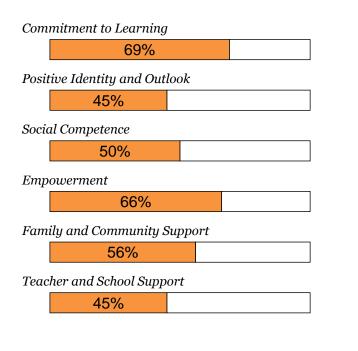


of Am Indian students plan to graduate high school.

68% plan to attend a 2 or 4 year college/university.5% plan to obtain a license/certificate or apprenticeship.2% plan to obtain a GED.

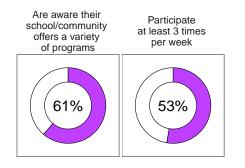
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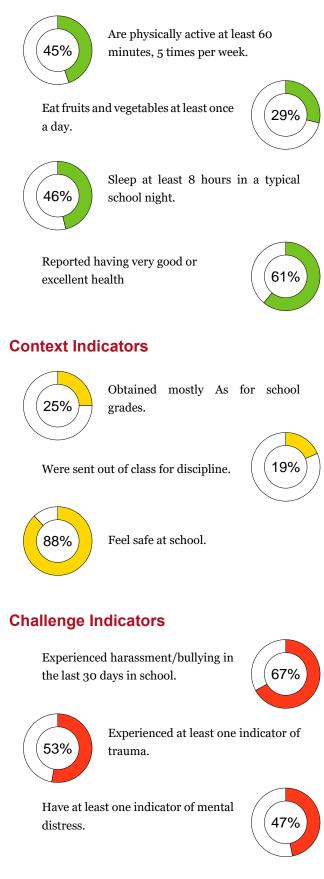
What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in MN for 2016



# **High School Graduation and Beyond**

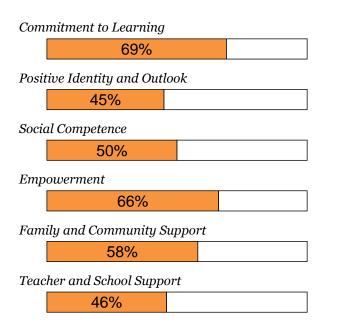


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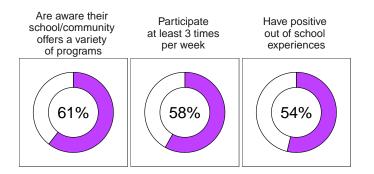
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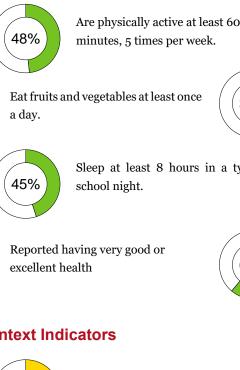


# Afterschool Activities

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### **Health and Well-Being Indicators**



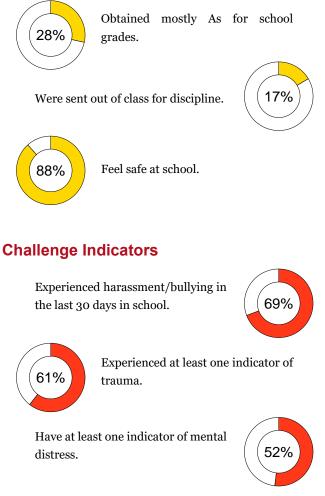
Sleep at least 8 hours in a typical school night.

Reported having very good or



30%

#### **Context Indicators**





# Am Indian Students in MN for 2019



### **High School Graduation and Beyond**

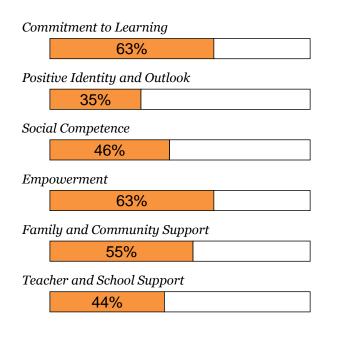


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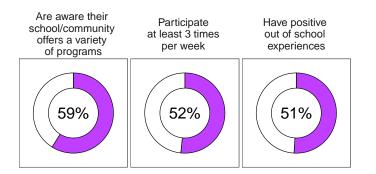
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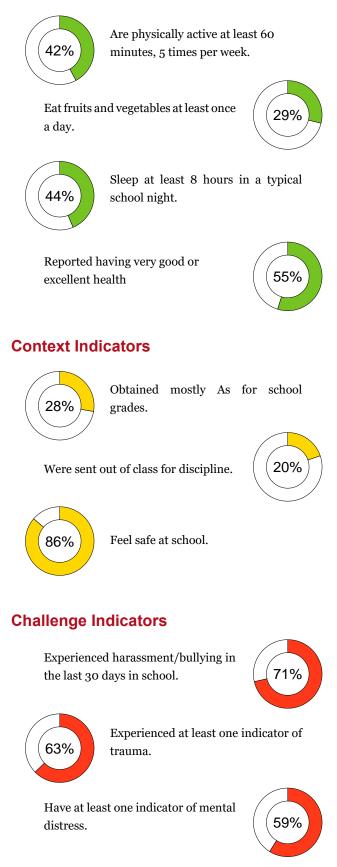
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# Am Indian Students in Greater MN for 2013



# High School Graduation and Beyond

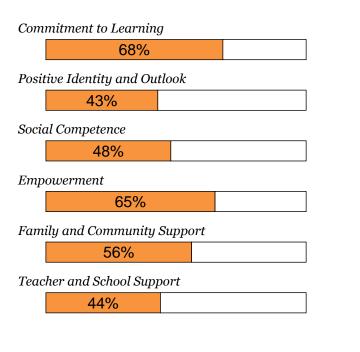


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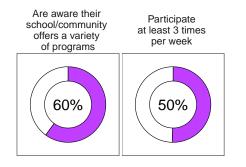
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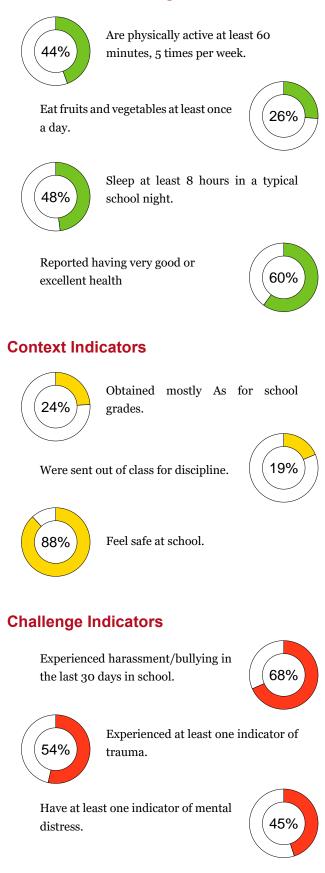
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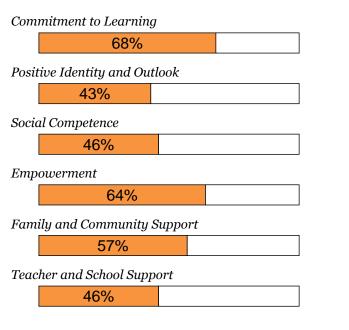


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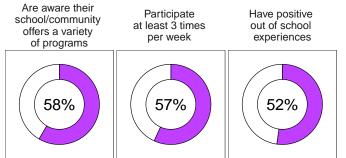
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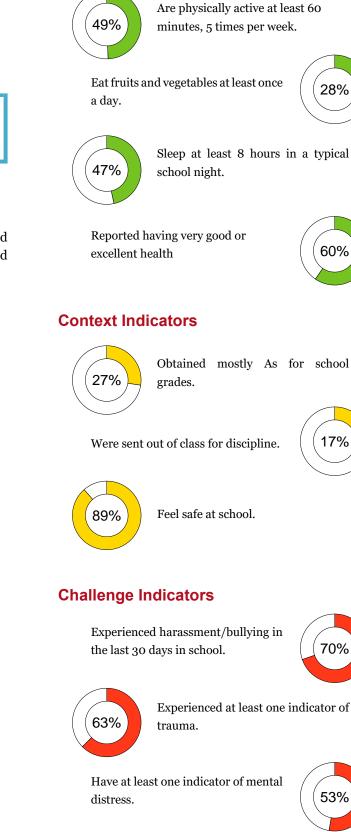


# **Afterschool Activities**

Percent of Am Indian students who ...



#### Health and Well-Being Indicators





Minnesota Youth Development Research Group www.mnydrg.com

# Am Indian Students in Greater MN for 2019



# High School Graduation and Beyond

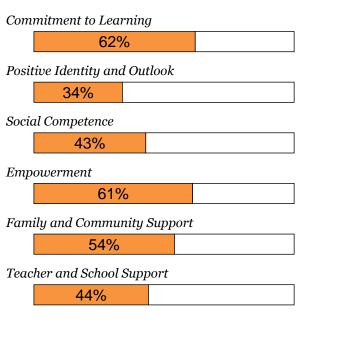


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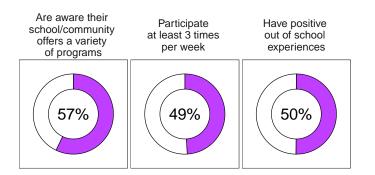
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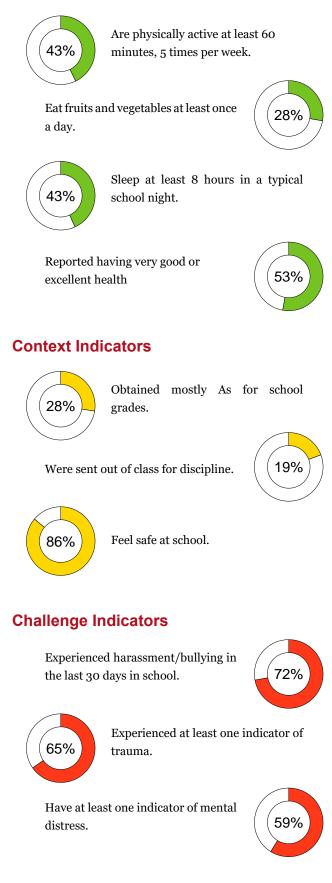


# **Afterschool Activities**

Percent of Am Indian students who ...



### Health and Well-Being Indicators



Minnesota Youth Development Research Group

www.mnydrg.com

# Am Indian Students in Twin Cities for 2013



# **High School Graduation and Beyond**

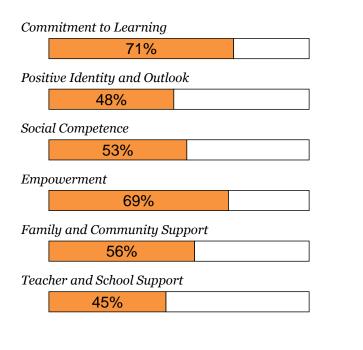


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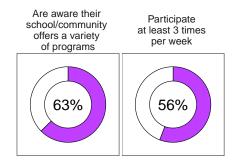
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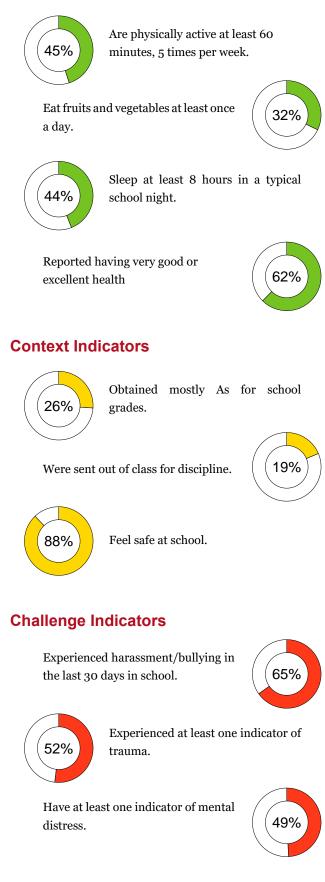
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# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in Twin Cities for 2016



# **High School Graduation and Beyond**

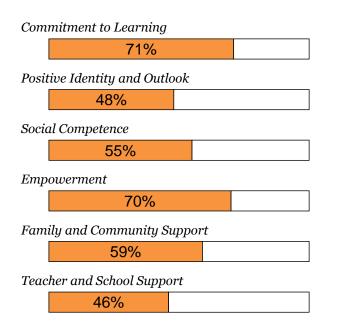


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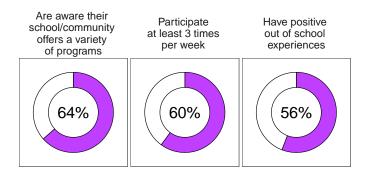
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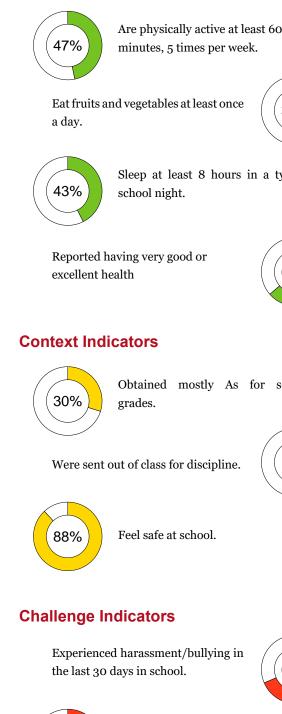


# Afterschool Activities

Percent of Am Indian students who ...



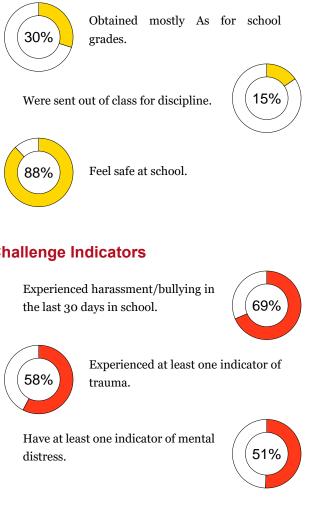
### **Health and Well-Being Indicators**



Sleep at least 8 hours in a typical



33%





# Am Indian Students in Twin Cities for 2019



# High School Graduation and Beyond

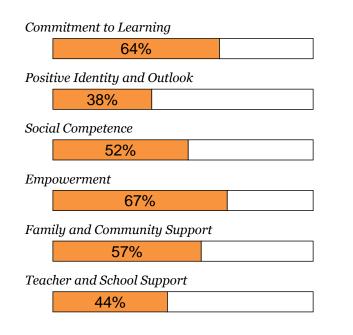


of Am Indian students plan to graduate high school.

70% plan to attend a 2 or 4 year college/university.5% plan to obtain a license/certificate or apprenticeship.1% plan to obtain a GED.

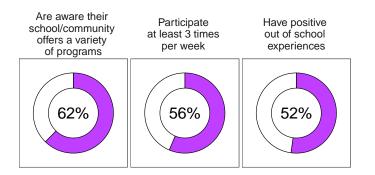
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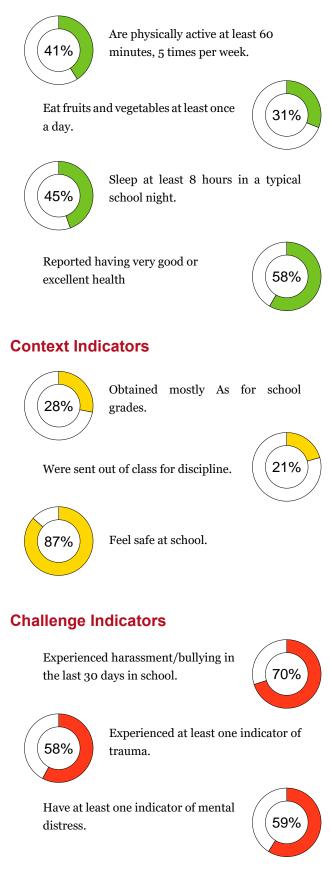
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# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in Central for 2013



# High School Graduation and Beyond

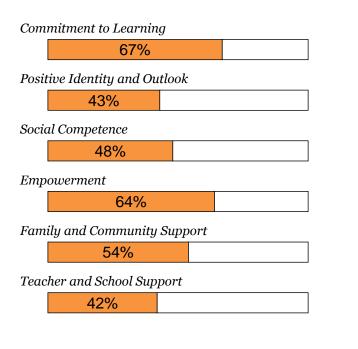


of Am Indian students plan to graduate high school.

64% plan to attend a 2 or 4 year college/university.6% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

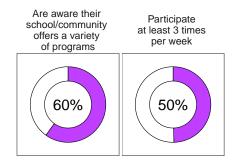
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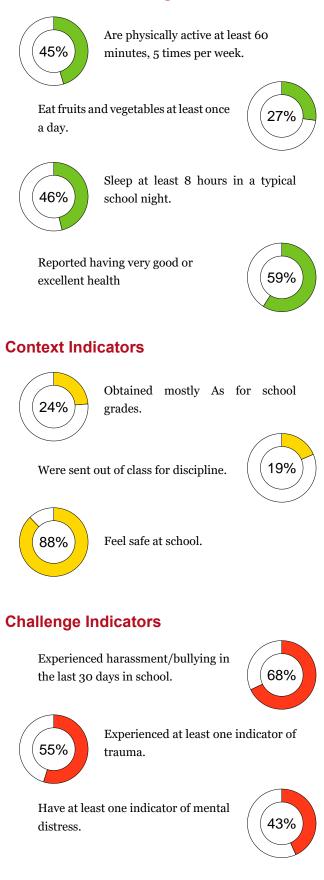
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# Am Indian Students in Central for 2016



# **High School Graduation and Beyond**

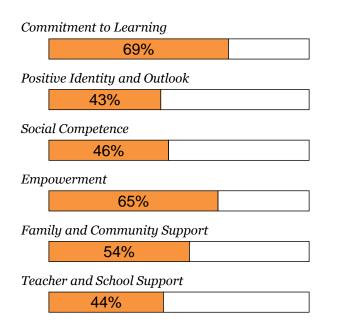


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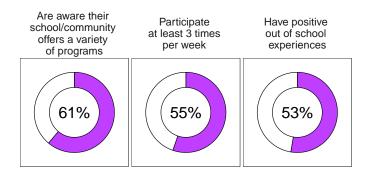
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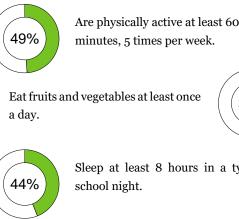


# Afterschool Activities

Percent of Am Indian students who ...



### **Health and Well-Being Indicators**



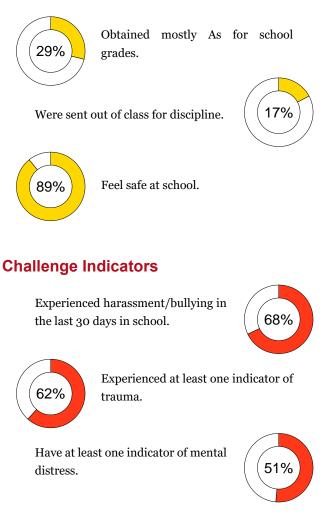
Sleep at least 8 hours in a typical school night.

Reported having very good or excellent health



30%

#### **Context Indicators**





# Am Indian Students in Central for 2019



# High School Graduation and Beyond

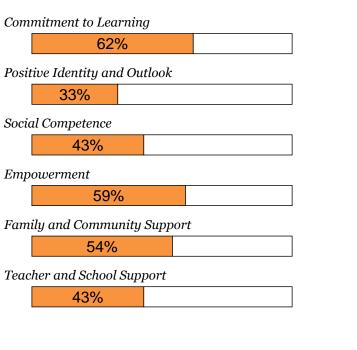


of Am Indian students plan to graduate high school.

57% plan to attend a 2 or 4 year college/university.4% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

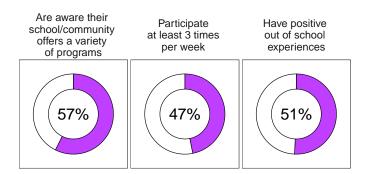
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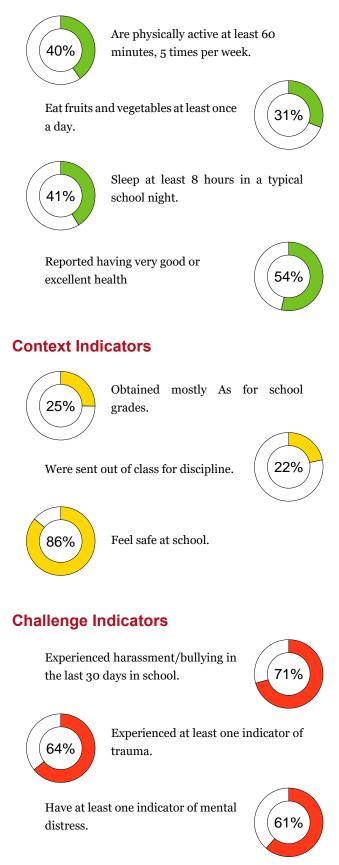
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# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in North for 2013



# High School Graduation and Beyond

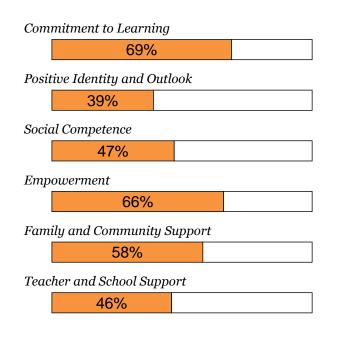


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64% plan to attend a 2 or 4 year college/university.7% plan to obtain a license/certificate or apprenticeship.2% plan to obtain a GED.

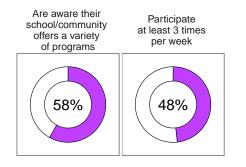
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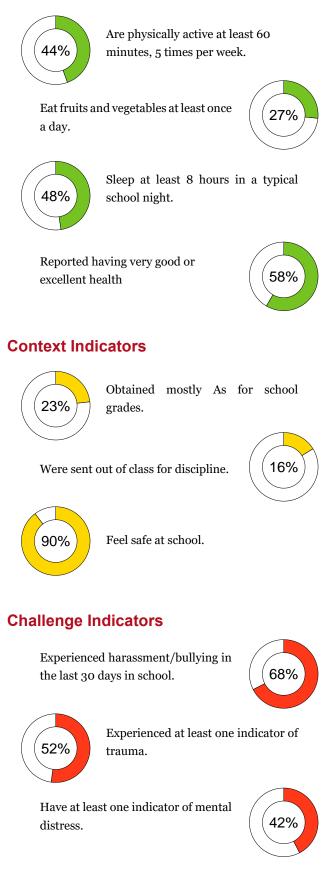
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Percent of Am Indian students who ...







# Am Indian Students in North for 2016



# **High School Graduation and Beyond**

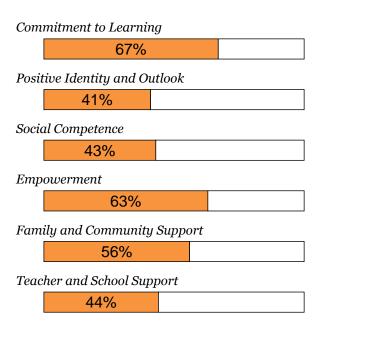


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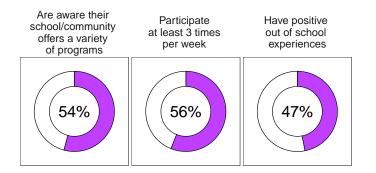
# **Developmental Skills & Supports**

What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...



#### Health and Well-Being Indicators



Are physically active at least 60 minutes, 5 times per week.

Eat fruits and vegetables at least once a day.



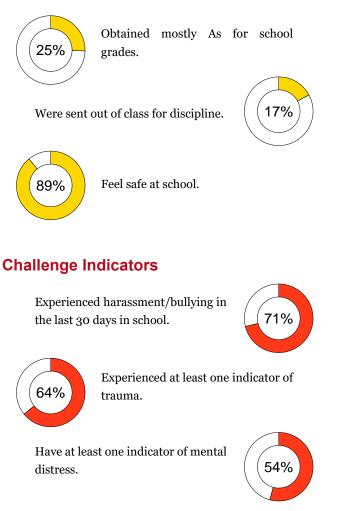
47%

Sleep at least 8 hours in a typical school night.

Reported having very good or excellent health



#### **Context Indicators**





# Am Indian Students in North for 2019



# High School Graduation and Beyond

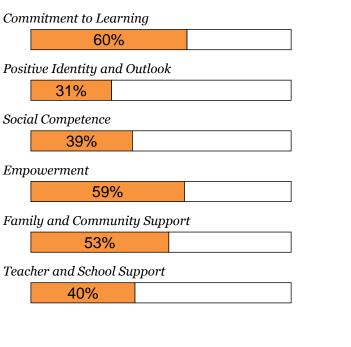


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61% plan to attend a 2 or 4 year college/university.4% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

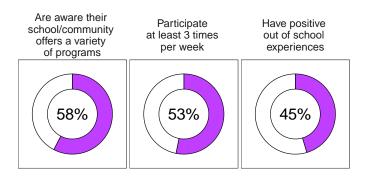
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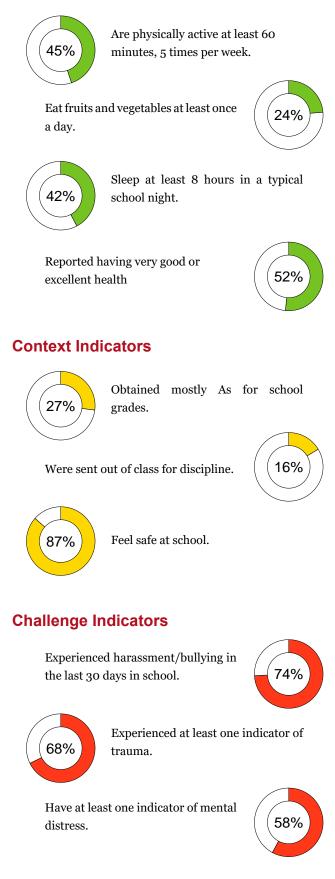
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# Afterschool Activities

Percent of Am Indian students who ...







# Am Indian Students in North West for 2013



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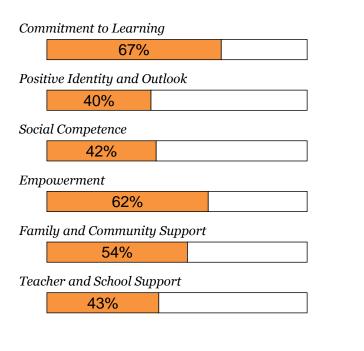


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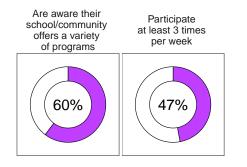
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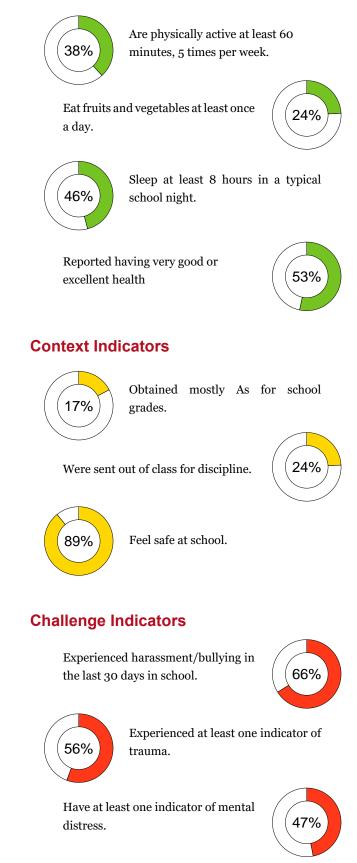
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# Am Indian Students in North West for 2016



# **High School Graduation and Beyond**

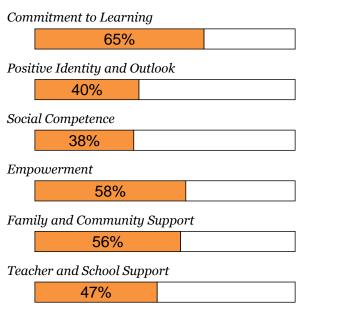


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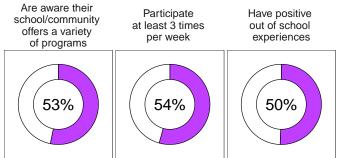
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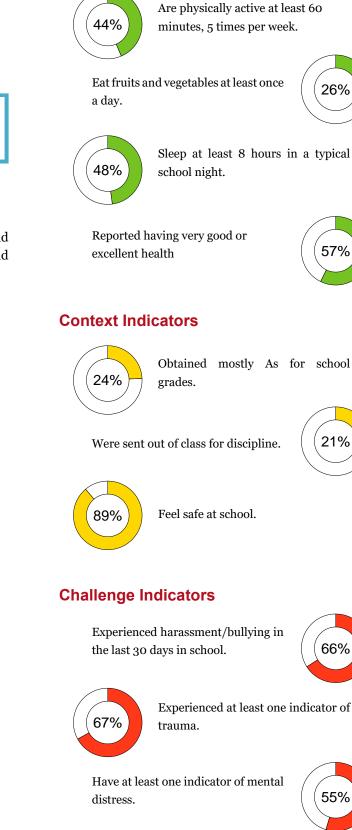


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#### Health and Well-Being Indicators





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# Am Indian Students in North West for 2019



# High School Graduation and Beyond

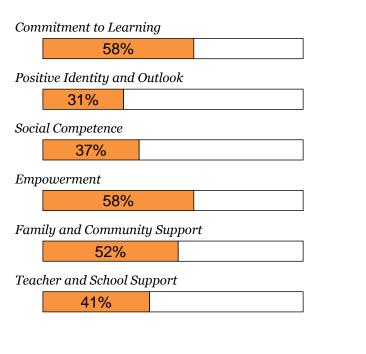


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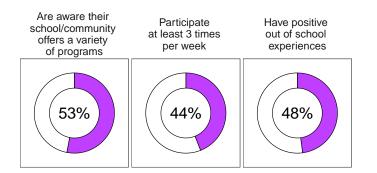
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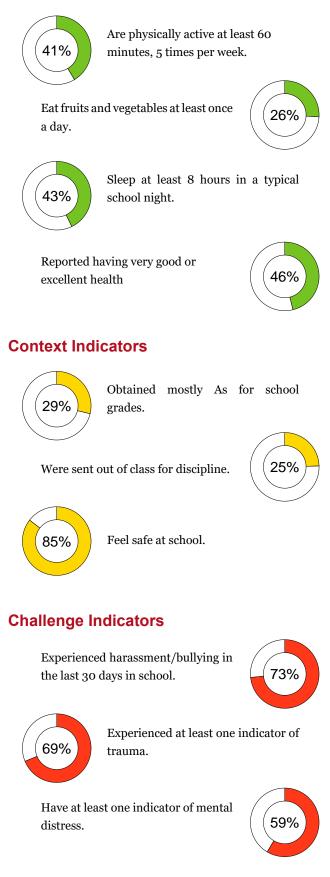
What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in South for 2013



# High School Graduation and Beyond

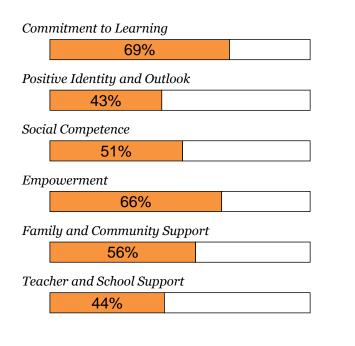


of Am Indian students plan to graduate high school.

67% plan to attend a 2 or 4 year college/university.4% plan to obtain a license/certificate or apprenticeship.1% plan to obtain a GED.

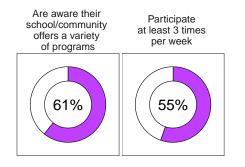
# **Developmental Skills & Supports**

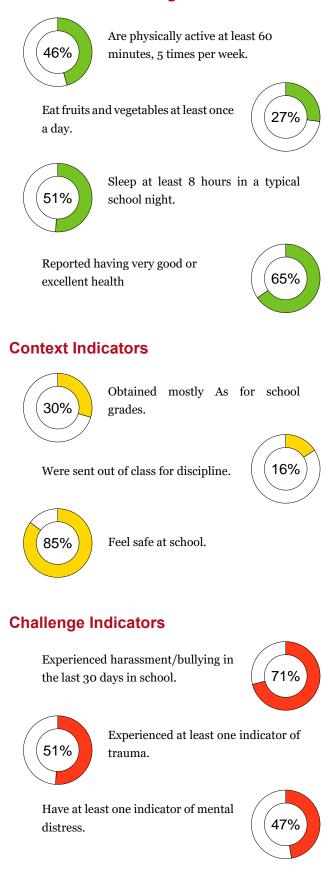
What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in South for 2016



# **High School Graduation and Beyond**

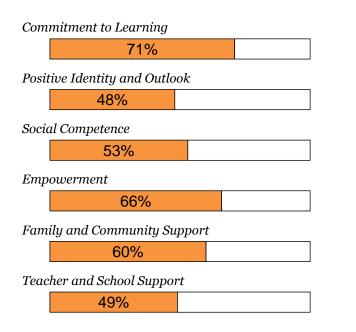


of Am Indian students plan to graduate high school.

68% plan to attend a 2 or 4 year college/university.4% plan to obtain a license/certificate or apprenticeship.2% plan to obtain a GED.

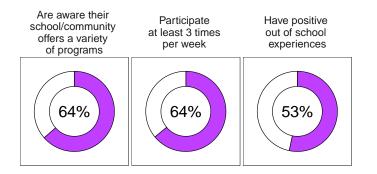
# **Developmental Skills & Supports**

What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...



### Health and Well-Being Indicators



Are physically active at least 60 minutes, 5 times per week.

Eat fruits and vegetables at least once a day.



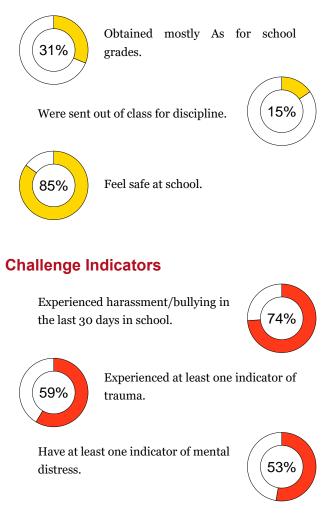
46%

Sleep at least 8 hours in a typical school night.

Reported having very good or excellent health



#### **Context Indicators**





# Am Indian Students in South for 2019



### High School Graduation and Beyond

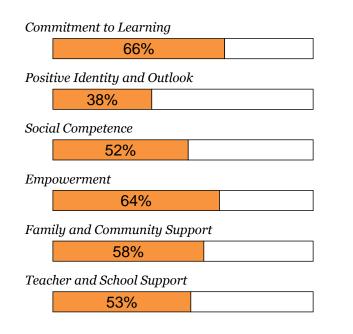


of Am Indian students plan to graduate high school.

62% plan to attend a 2 or 4 year college/university.6% plan to obtain a license/certificate or apprenticeship.1% plan to obtain a GED.

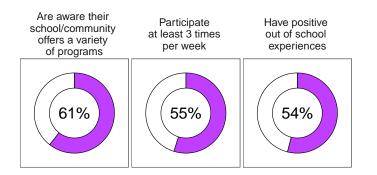
# **Developmental Skills & Supports**

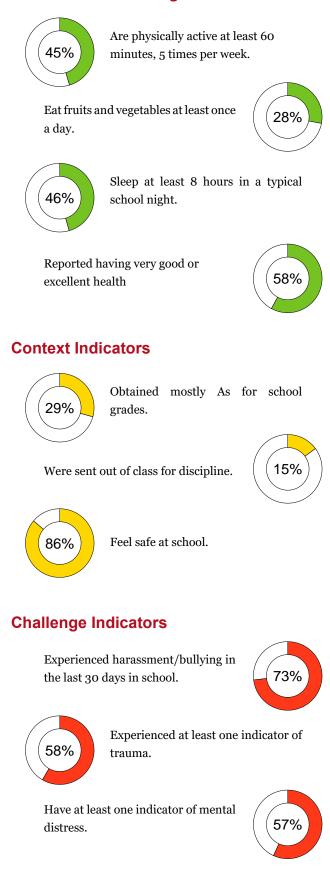
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# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in South West for 2013



### **High School Graduation and Beyond**

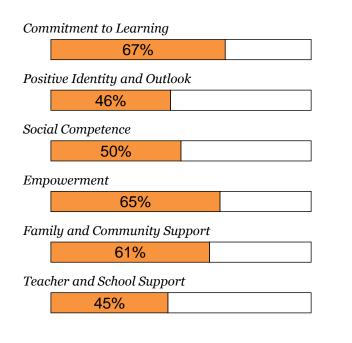


of Am Indian students plan to graduate high school.

62% plan to attend a 2 or 4 year college/university.6% plan to obtain a license/certificate or apprenticeship.4% plan to obtain a GED.

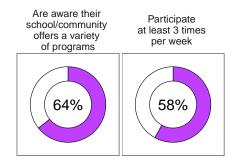
# **Developmental Skills & Supports**

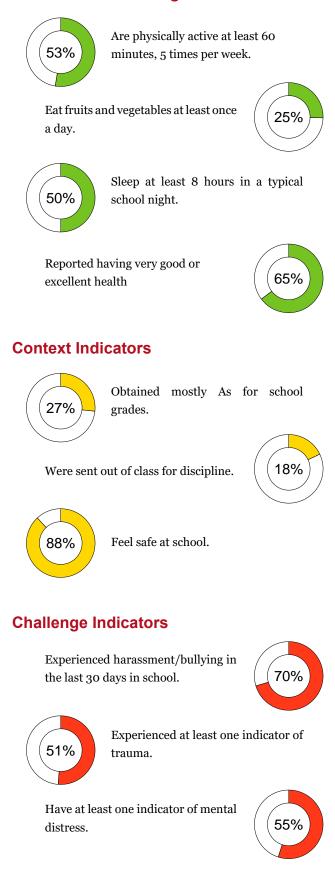
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# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in South West for 2016



# **High School Graduation and Beyond**

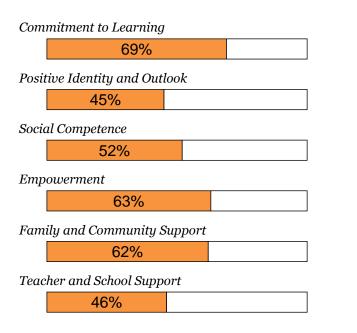


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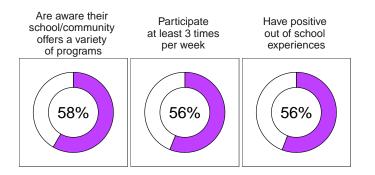
# **Developmental Skills & Supports**

What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...



#### Health and Well-Being Indicators



Are physically active at least 60 minutes, 5 times per week.

Eat fruits and vegetables at least once a day.



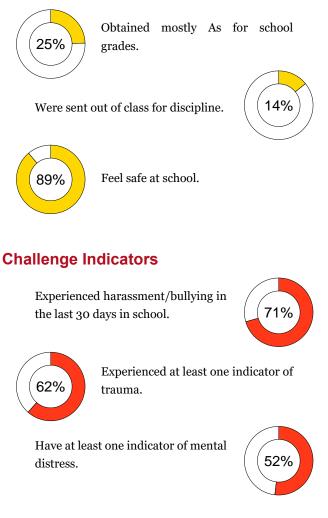
45%

Sleep at least 8 hours in a typical school night.

Reported having very good or excellent health



#### **Context Indicators**





# Am Indian Students in South West for 2019



### High School Graduation and Beyond

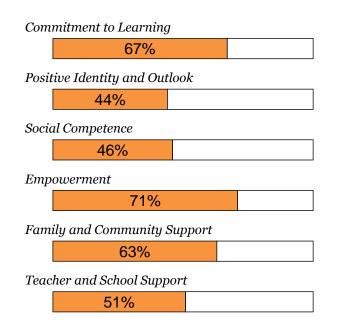


of Am Indian students plan to graduate high school.

62% plan to attend a 2 or 4 year college/university.6% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

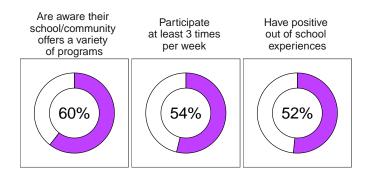
# **Developmental Skills & Supports**

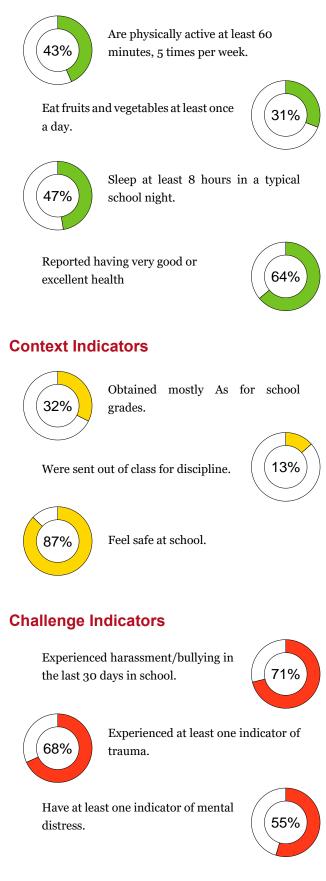
What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...







# Am Indian Students in West Central for 2013



# High School Graduation and Beyond

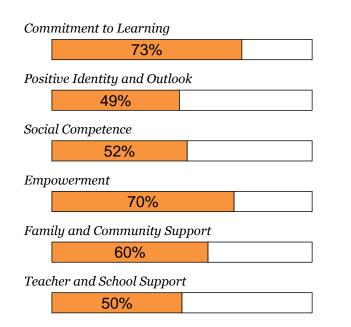


of Am Indian students plan to graduate high school.

64% plan to attend a 2 or 4 year college/university.7% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

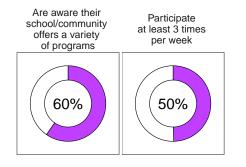
# **Developmental Skills & Supports**

What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?

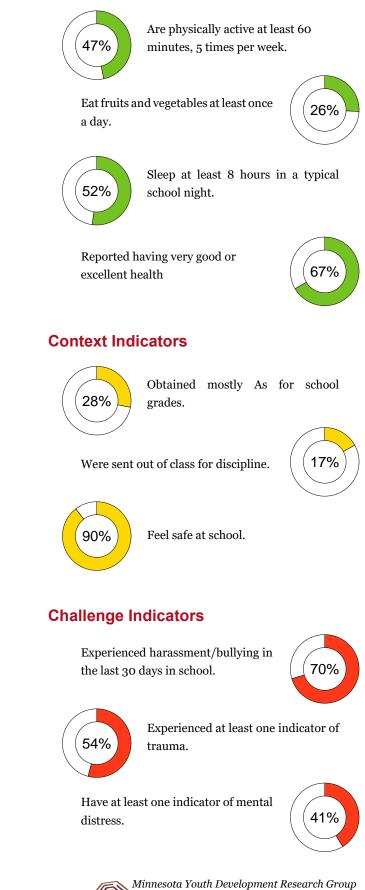


# **Afterschool Activities**

Percent of Am Indian students who ...



### Health and Well-Being Indicators



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# Am Indian Students in West Central for 2016



# **High School Graduation and Beyond**

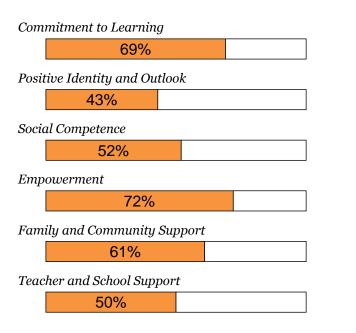


of Am Indian students plan to graduate high school.

60% plan to attend a 2 or 4 year college/university.7% plan to obtain a license/certificate or apprenticeship.1% plan to obtain a GED.

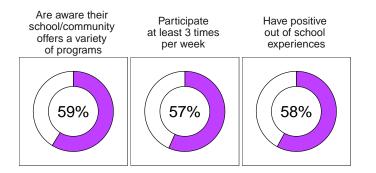
# **Developmental Skills & Supports**

What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...



#### Health and Well-Being Indicators



Are physically active at least 60 minutes, 5 times per week.

Eat fruits and vegetables at least once a day.



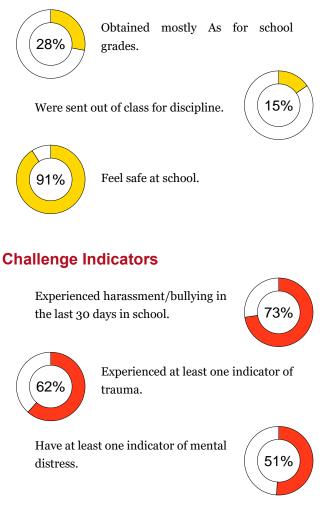
52%

Sleep at least 8 hours in a typical school night.

Reported having very good or excellent health



#### **Context Indicators**





# Am Indian Students in West Central for 2019



# High School Graduation and Beyond

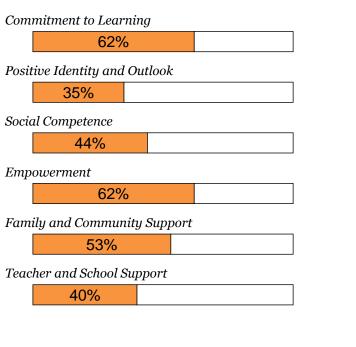


of Am Indian students plan to graduate high school.

61% plan to attend a 2 or 4 year college/university.5% plan to obtain a license/certificate or apprenticeship.3% plan to obtain a GED.

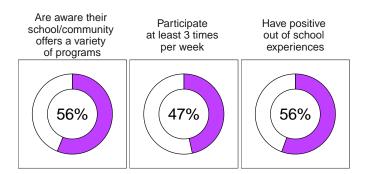
# **Developmental Skills & Supports**

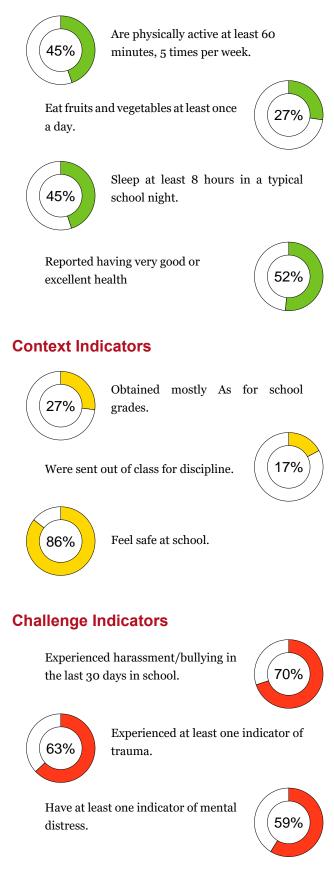
What percentage of Am Indian students meet the threshold to be equipped for learning with developmental skills and supports?



# **Afterschool Activities**

Percent of Am Indian students who ...







### Acknowledgements

The <u>Minnesota Youth Development Research Group</u> is supported through the Carmen and Jim <u>Campbell Leadership Chair</u> in <u>Education & Human Development</u> at the University of Minnesota. This report, containing student-community profiles, was developed with the support of Campbell graduate research assistant, Rik Lamm, and Dr. Andrew Zieffler. We also appreciate the support of the <u>Educational Equity Resource Center</u> at the U of M. Finally, we acknowledge the <u>Search Institute</u>'s developmental assets framework and their positive youth development approach to helping youth become their *best selves*. We offer this report as a model of engaged scholarship, consistent with the research, teaching, and outreach missions of the University of Minnesota, the state's land grant research institution of higher education.

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