



NORTH DAKOTA DEPARTMENT OF
PUBLIC INSTRUCTION

Regional Strategic Visioning Forums

September 18-27, 2017

Agenda

- ▣ Welcome
- ▣ Presentation of Strategic Planning Process, Research Findings and Draft Strategic Vision Framework
- ▣ Community Input

Upcoming Dates

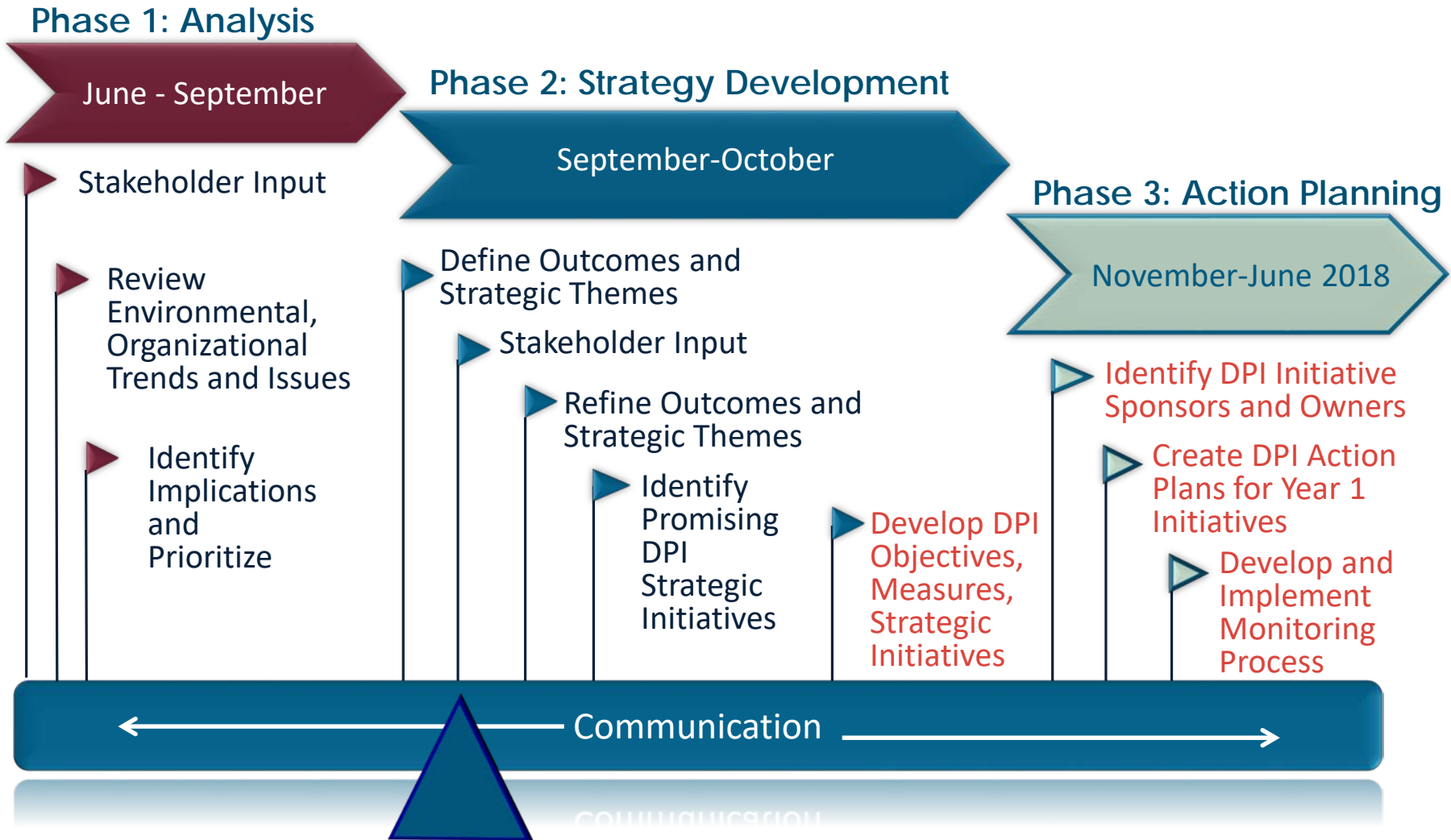
▣ Regional Input Forums

- Monday, September 18, Fargo
- Tuesday, September 19, Bismarck
- Wednesday, September 20, New Town
- Wednesday, September 27, Belcourt

▣ Strategic Vision Steering Committee Meeting

- Monday, October 30, 2:30-4:30

Strategic Planning Timeline



We are here



NORTH DAKOTA DEPARTMENT OF
PUBLIC INSTRUCTION

Organizational Assessment and Environmental Scan Findings

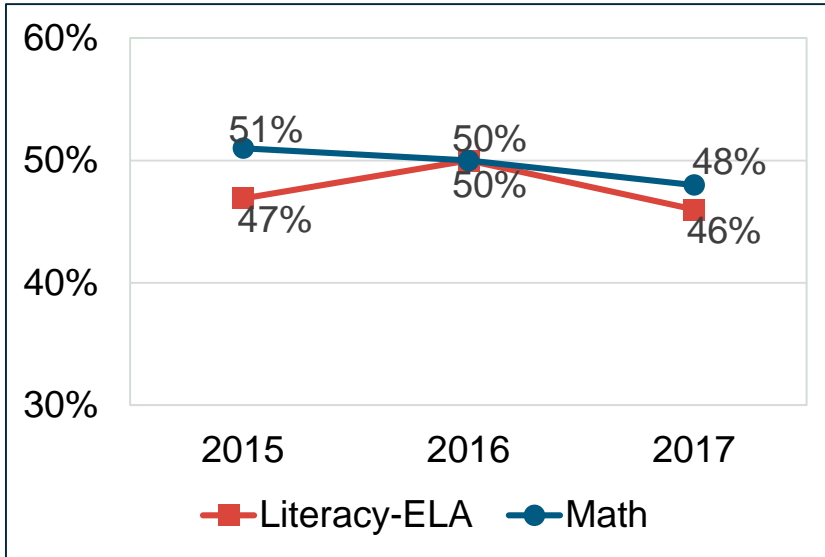


Student Achievement Indicators

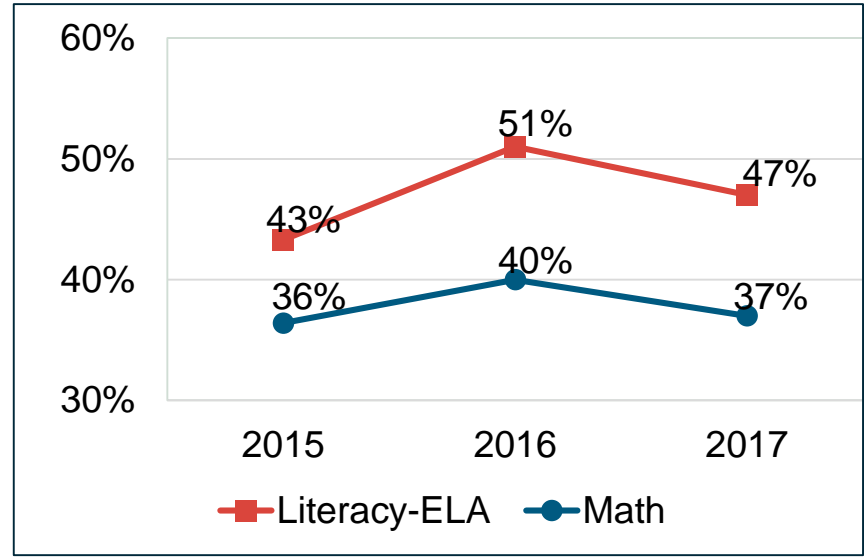
- ▣ North Dakota State Assessment
- ▣ National Assessment of Educational Progress
- ▣ 4-year cohort graduation rate
- ▣ ACT
- ▣ College attainment

North Dakota State Assessment Percent Proficient

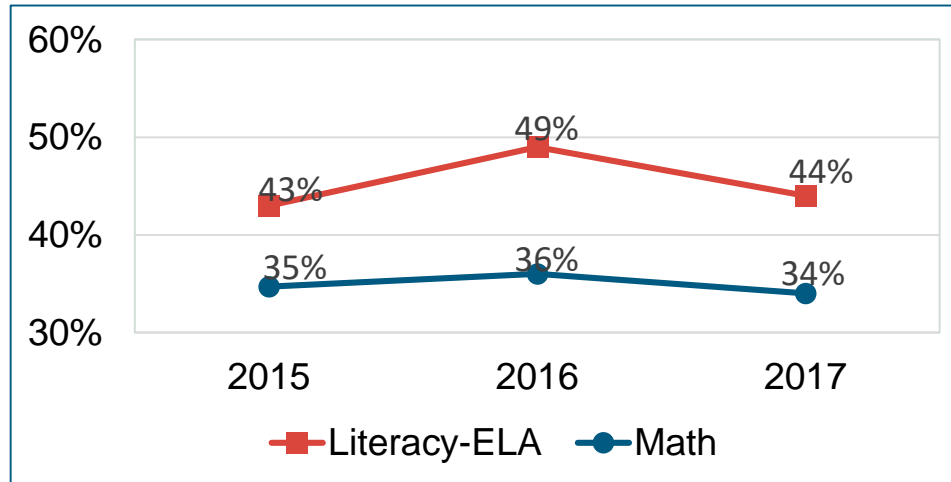
Grade 3



Grade 6



Grade 8

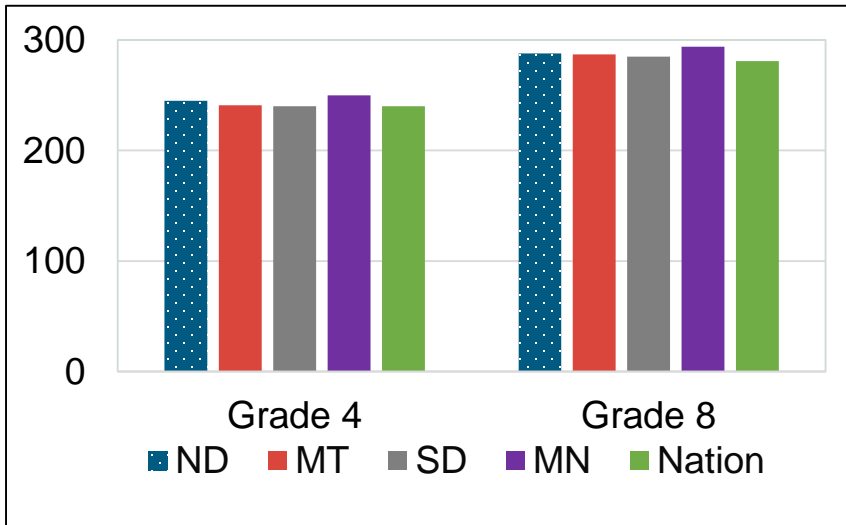


National Assessment of Educational Progress (NAEP)

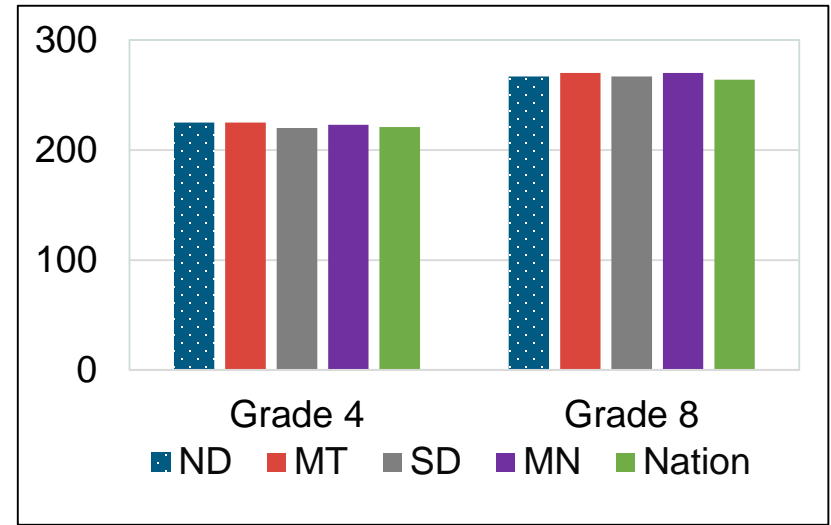
- ND students outperform the nation on the NAEP in every grade and subject, both in average score and in the percentage rated as Proficient or Advanced.
- ND students also perform comparably to students in adjacent states.
- ND NAEP performance is lower among American Indian students compared to other ND students.

2015 National Assessment of Educational Progress Average Score Comparisons

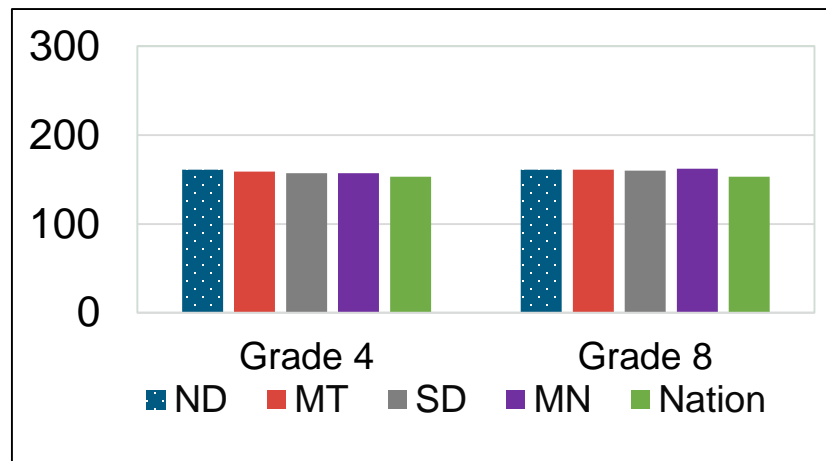
Math



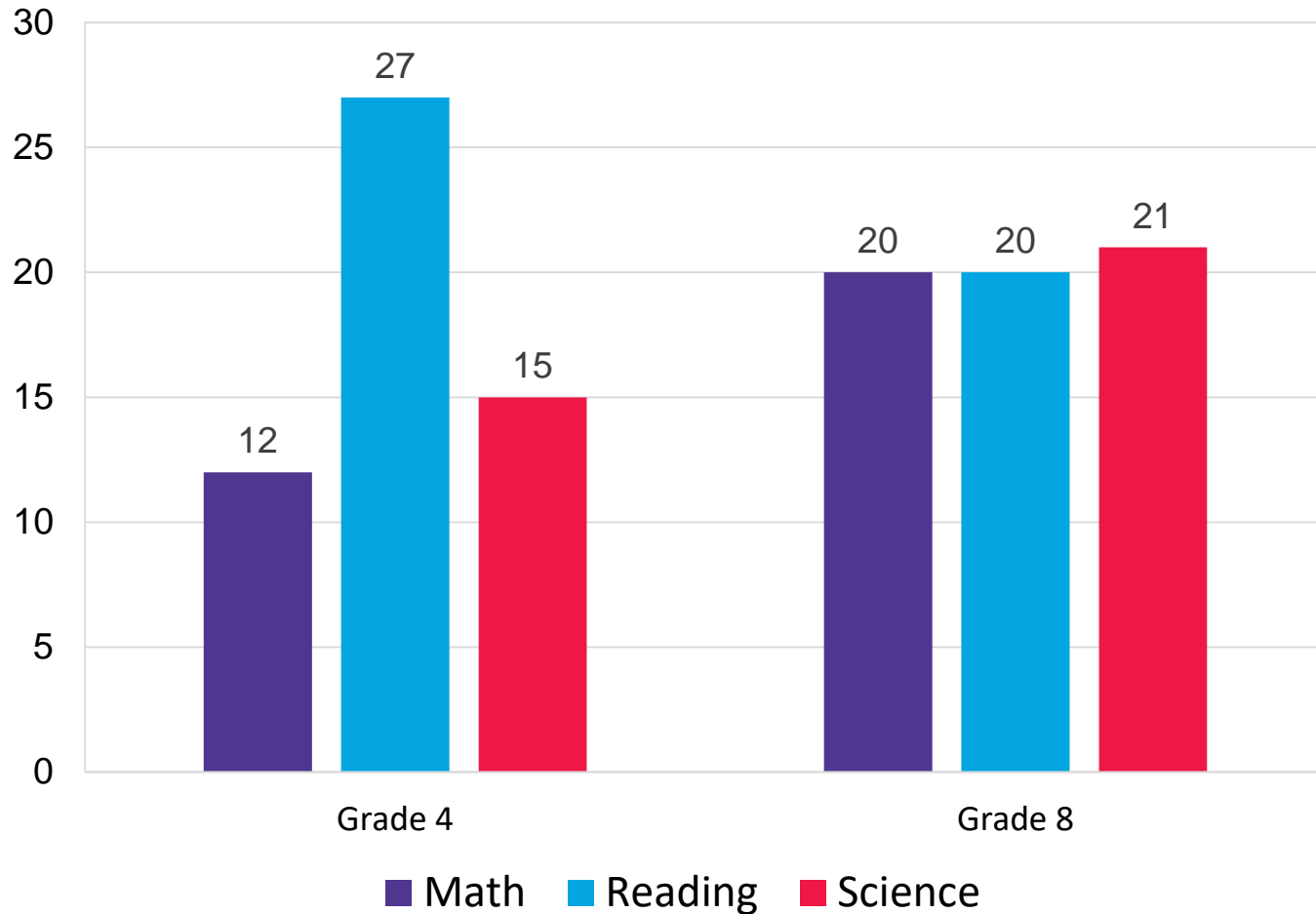
Reading



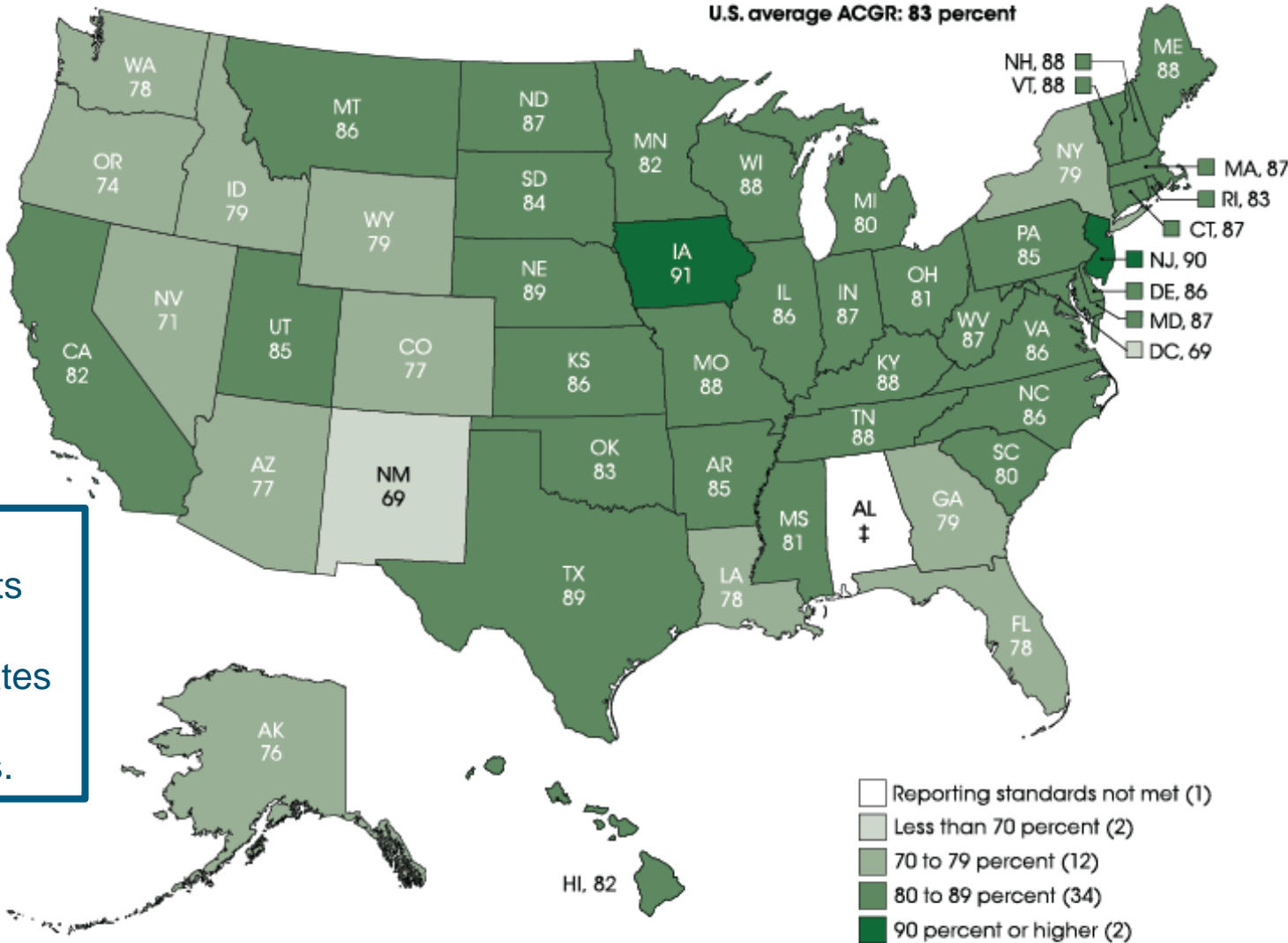
Science



2015 National Assessment of Educational Progress North Dakota Percentage Below Basic



Graduation Rates by State 2014-15

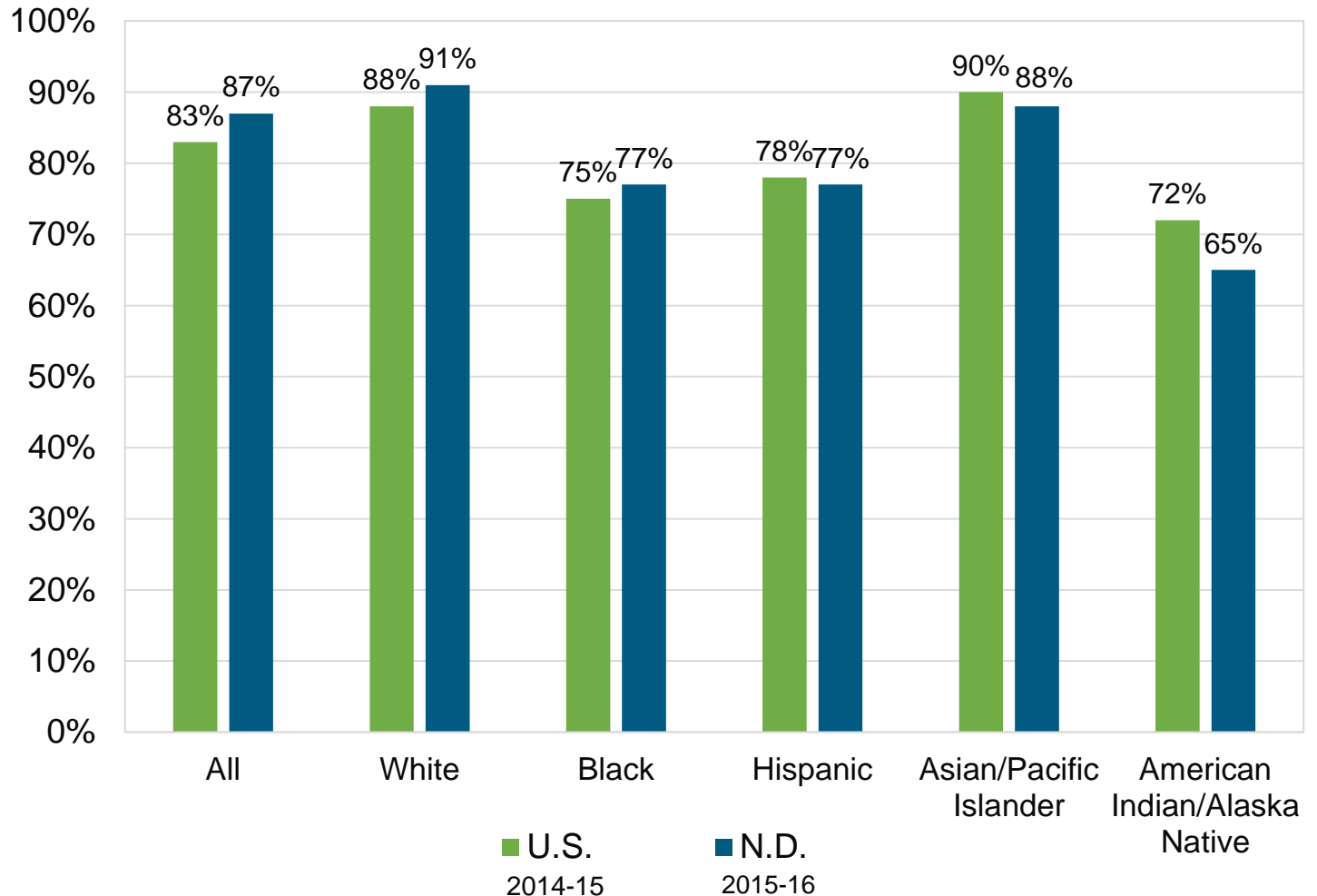


ND graduation rates are 4 points above the U.S. average. 10 states have higher graduation rates.

Source: National Center for Education Statistics, The Condition of Education 2017

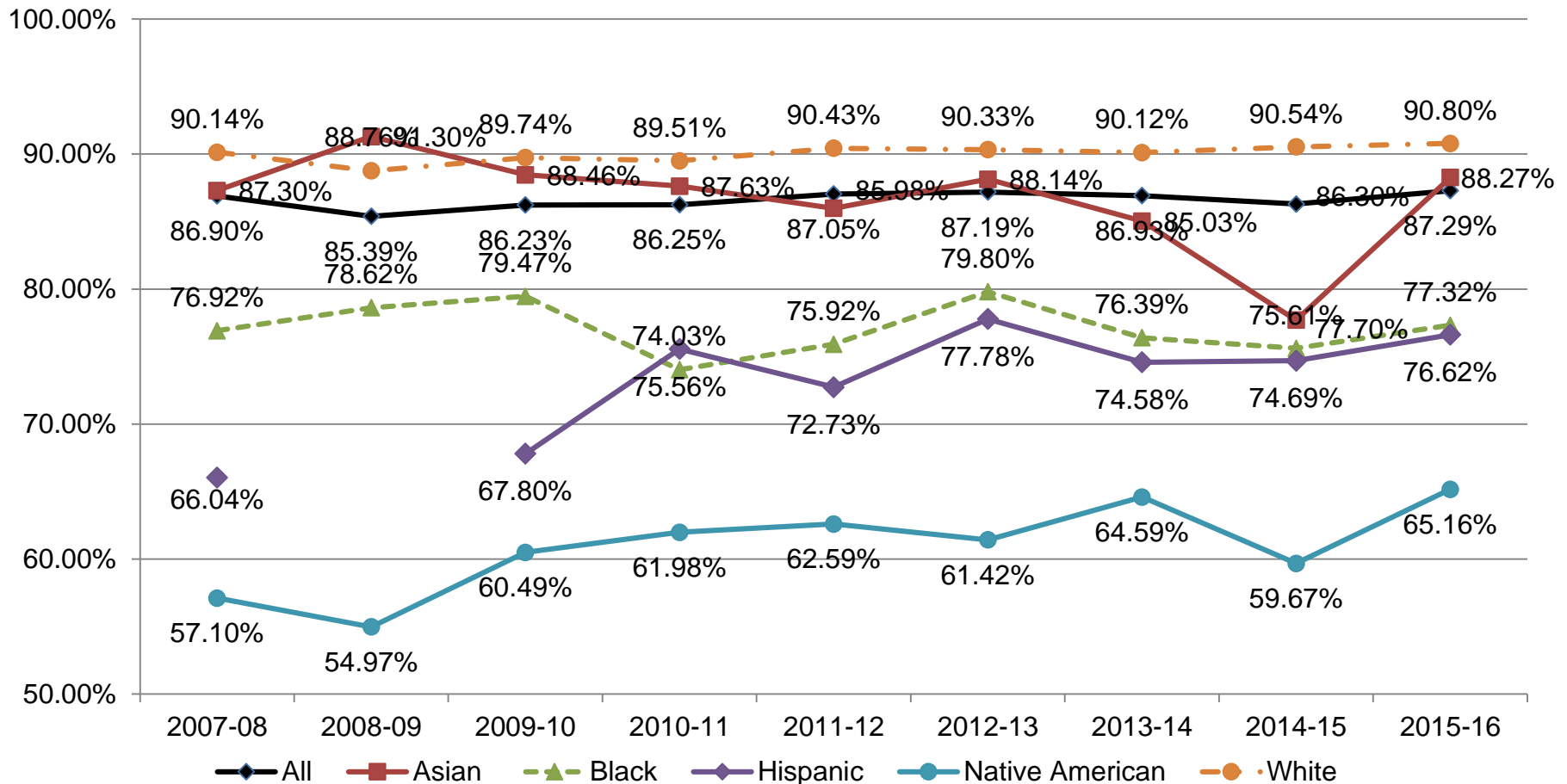
US Graduation Rates by Subgroup

All ND subgroups are above or within 2 points of the U.S. average, except for American Indian which is 7 points lower than the U.S.



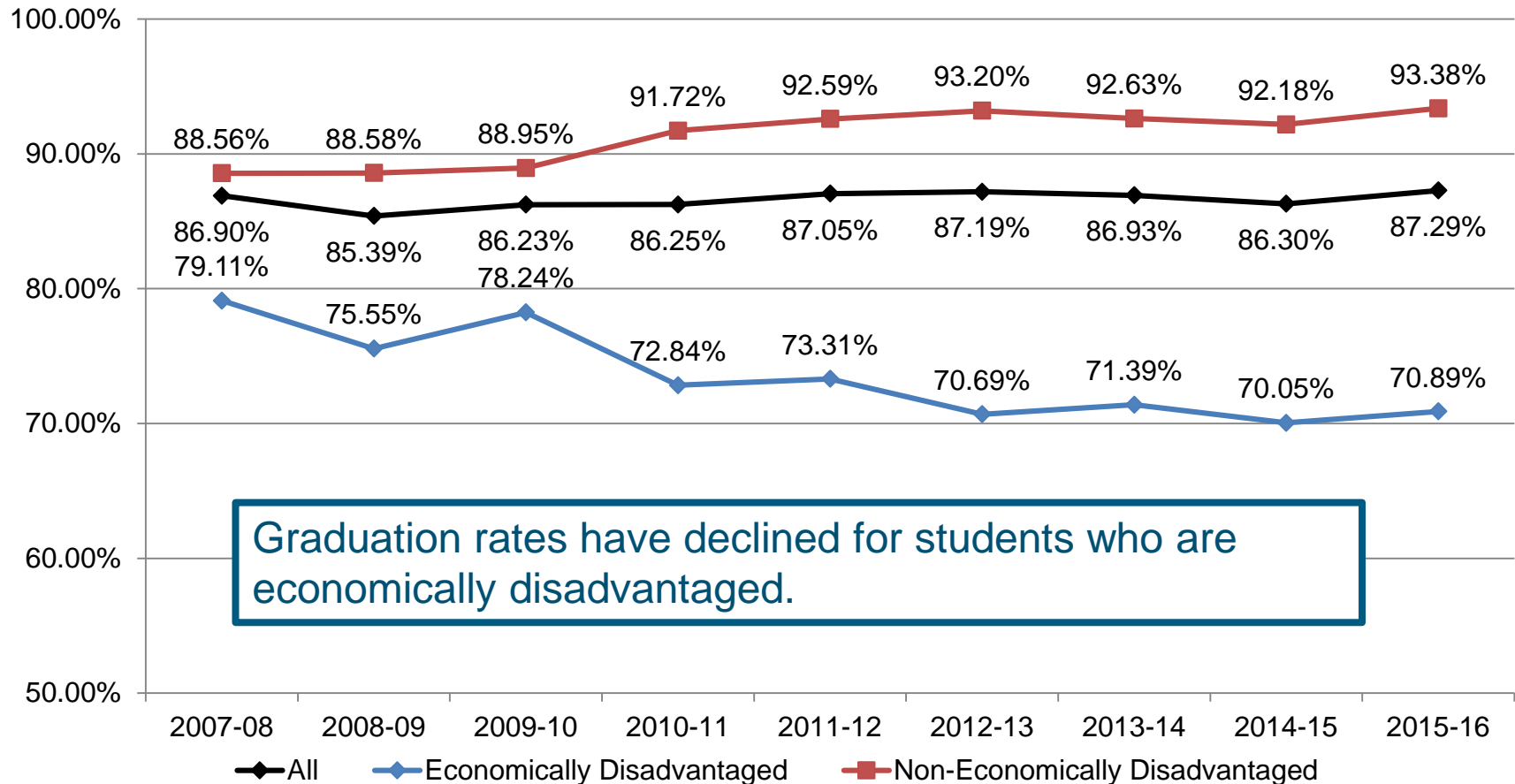
Source: National Center for Education Statistics, NDDPI

ND Graduation Rates Over Time by Race/Ethnicity



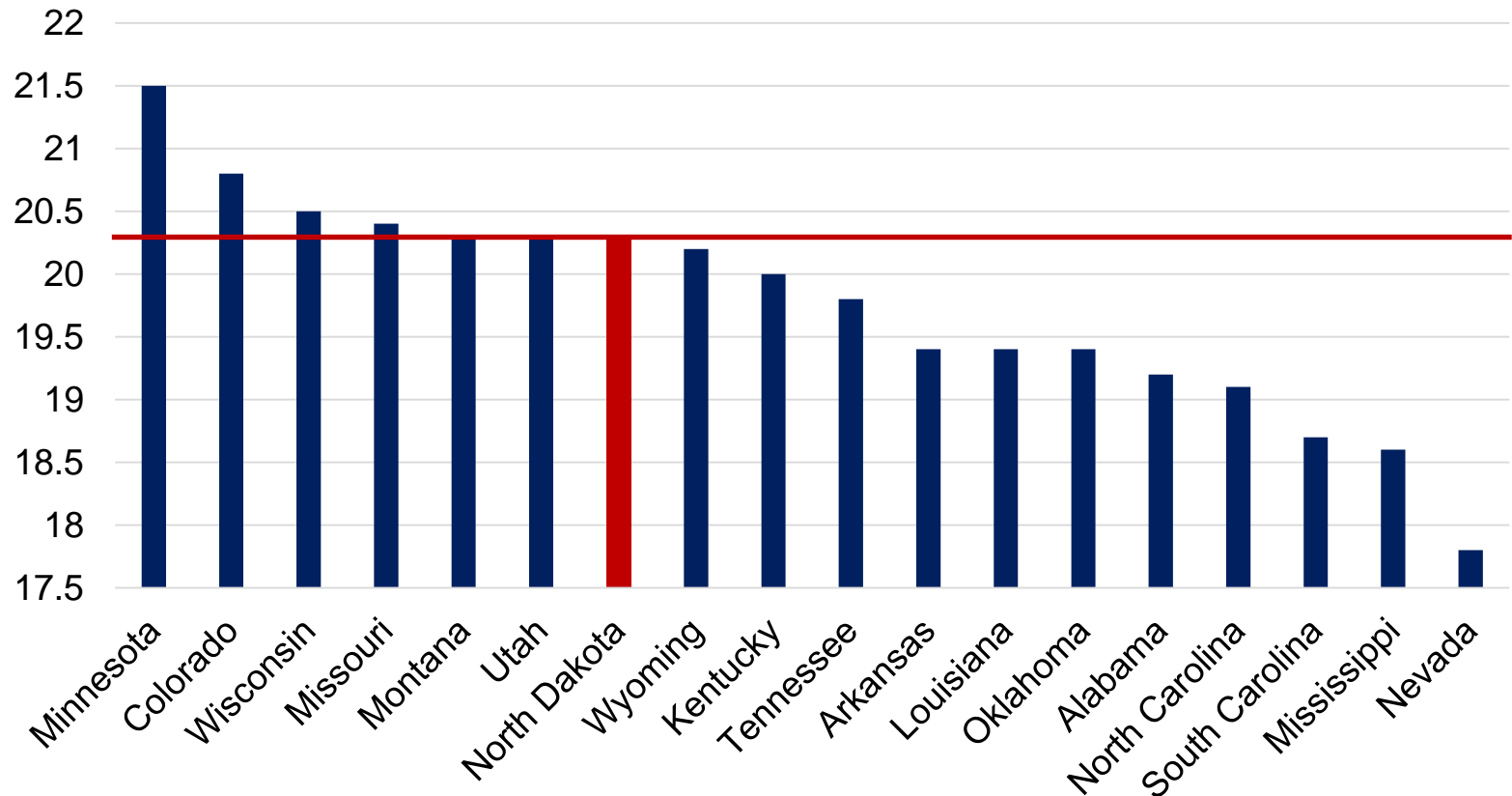
Source: NDDPI

ND Graduation Rates Over Time by Economically Disadvantaged Status



Source: NDDPI

Average ACT Scores for Students Graduating in 2017 Compared to 100% Participation States



Source: ACT Profile Reports Graduating Class of 2017

Total Completion Rate within 6 Years, Students Starting at 4-Year Public Institutions

ND students who began at a 4-year, public ND college or university were more likely to complete a degree or certificate in 6 years than the U.S. overall.

While MN is higher, the rate for SD is 61.99, and for Montana is 49.94.

State	Completion Rate
Iowa	82.23
Virginia	78.17
New Hampshire	77.27
Connecticut	73.99
Minnesota	73.77
South Carolina	73.36
Vermont	72.99
Illinois	72.18
California	71.59
North Carolina	71.32
Massachusetts	70.96
Pennsylvania	70.46
Michigan	69.63
Wisconsin	68.23
Arizona	68.12
Nebraska	65.59
New York	64.85
Kansas	64.05
Georgia	63.74
North Dakota	63.66
Missouri	62.93
U.S. Overall	62.43

Completion Rate within 6 Years, Students Starting at 2-Year Public Institutions

ND students who began at a 2-year, public ND state college were more likely to complete a degree or certificate in 6 years than the U.S. overall. ND students beginning at 2-year ND state colleges outperformed students in all other states.

State	Completion Rate
North Dakota	58.34
Minnesota	54.72
Iowa	54.17
Florida	52.41
Illinois	46.15
Mississippi	44.37
New York	42.74
New Hampshire	42.52
Arkansas	41.50
Maine	40.42
Kentucky	40.04
Missouri	39.98
North Carolina	39.87
Nebraska	39.56
Hawaii	39.47
U.S. Overall	39.29

Top 10 Jobs in Total Projected Openings 2014-2024 Requiring High School Diploma or Equivalent

Occupation	Total Openings	Average 2015 Wage
Farmers, Ranchers and Other Agricultural Managers	4,533	\$74,970
Customer Service Representatives	2,843	\$33,480
Office Clerks, General	2,401	\$26,940
Childcare Workers	2,184	\$20,550
Teacher Assistants	1,770	\$30,220
Supervisors of Retail Sales Workers	1,382	\$44,970
Supervisors of Food Preparation and Serving Workers	1,347	\$33,520
Maintenance and Repair Workers, General	1,185	\$41,170
Secretaries and Administrative Assistants, Except Legal, Medical and Executive	1,075	\$36,400
Supervisors of Office and Administrative Support Workers	984	\$55,420

Top 10 Jobs in Total Projected Openings 2014-2024 Requiring Associate's or Postsecondary Certificate

Occupation	Total Openings	Average 2015 Wage
Heavy and Tractor-Trailer Truck Drivers	3,161	\$53,400
Nursing Assistants	3,102	\$29,520
Licensed Practical and Licensed Vocational Nurses	1,321	\$41,250
Welders, Cutters, Solderers and Brazers	801	\$53,100
Hairdressers, Hairstylists and Cosmetologists	692	\$29,650
Automotive Service Technicians and Mechanics	668	\$42,570
Emergency Medical Technicians and Paramedics	475	\$31,330
Computer User Support Specialists	439	\$46,820
Bus and Truck Mechanics and Diesel Engine Specialists	411	\$51,620
Medical Records and Health Information Technicians	409	\$38,550

Top 10 Jobs in Total Projected Openings 2014-2024 Requiring Bachelor's Degree

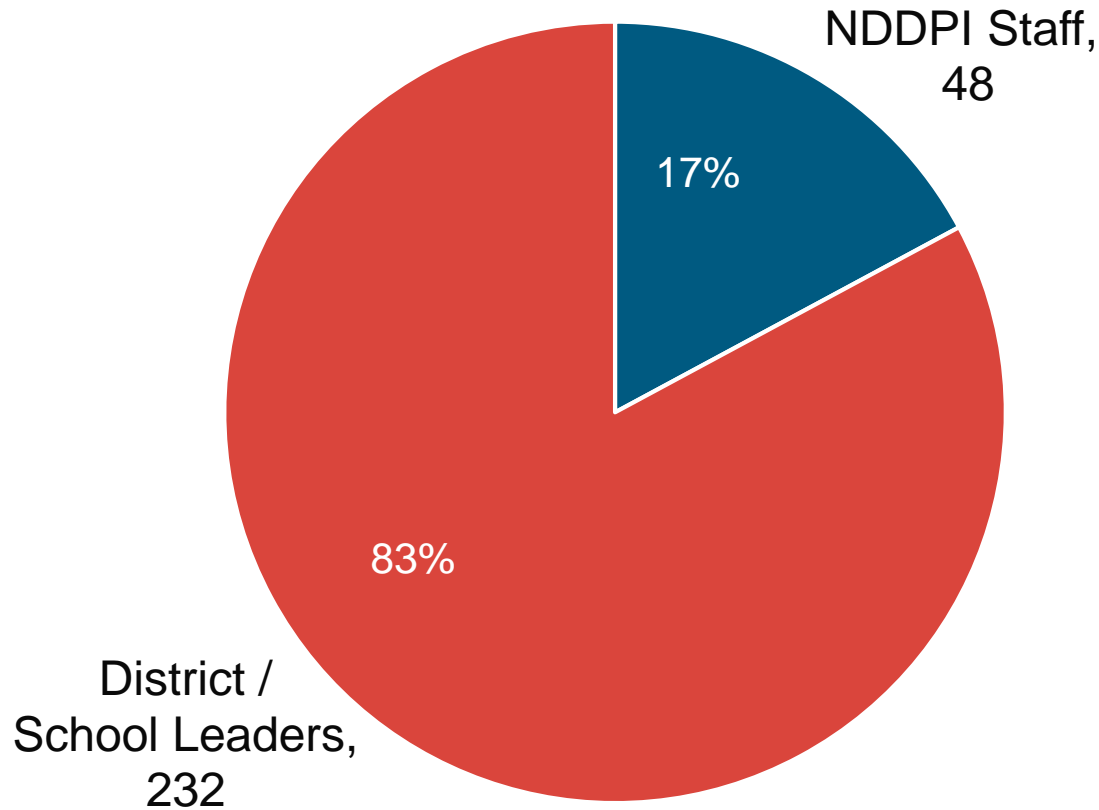
Occupation	Total Openings	Average 2015 Wage
Registered Nurses	4,030	\$58,890
General Operations Managers	2,146	\$104,550
Accountants and Auditors	1,763	\$56,000
Elementary School Teachers, Except Special Education	1,394	\$47,110
Secondary School Teachers, Except Special and Career/Technical Education	850	\$48,410
Software Developers, Applications	551	\$72,720
Civil Engineers	504	\$74,260
Business Operations Specialists, All Other	494	\$60,670
Managers, All Other	460	\$90,820
Loan Officers	442	\$70,220

Public Perceptions

- North Dakota residents (89%) are more likely than those living in any other U.S. state to rate the K-12 education provided in their state as excellent or good.
- Additionally, 89% of North Dakota residents report their public school system prepares students for success in the workplace.

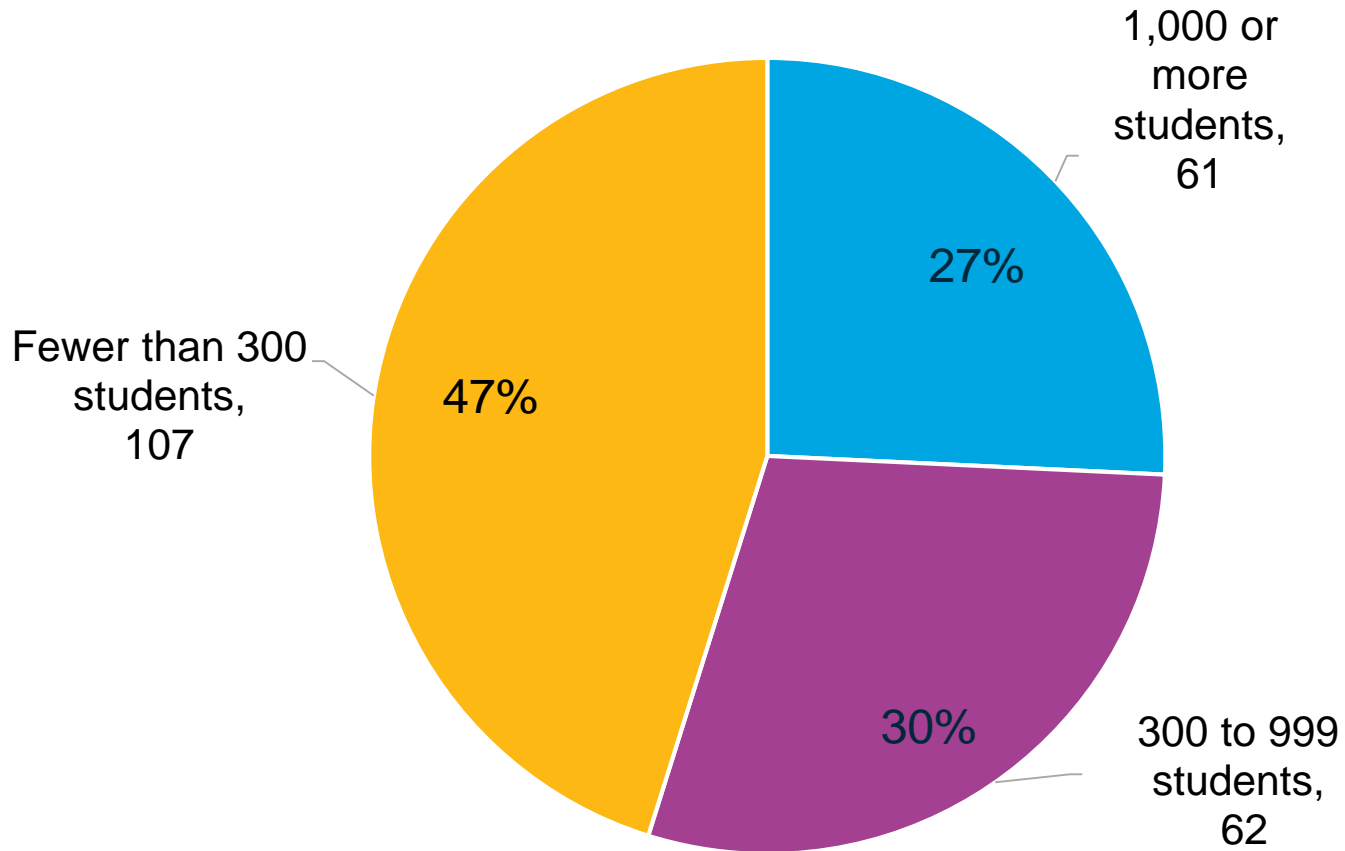
DPI, District / School Leaders Survey Respondents

33% of District / School leaders and 55% of DPI staff completed the survey

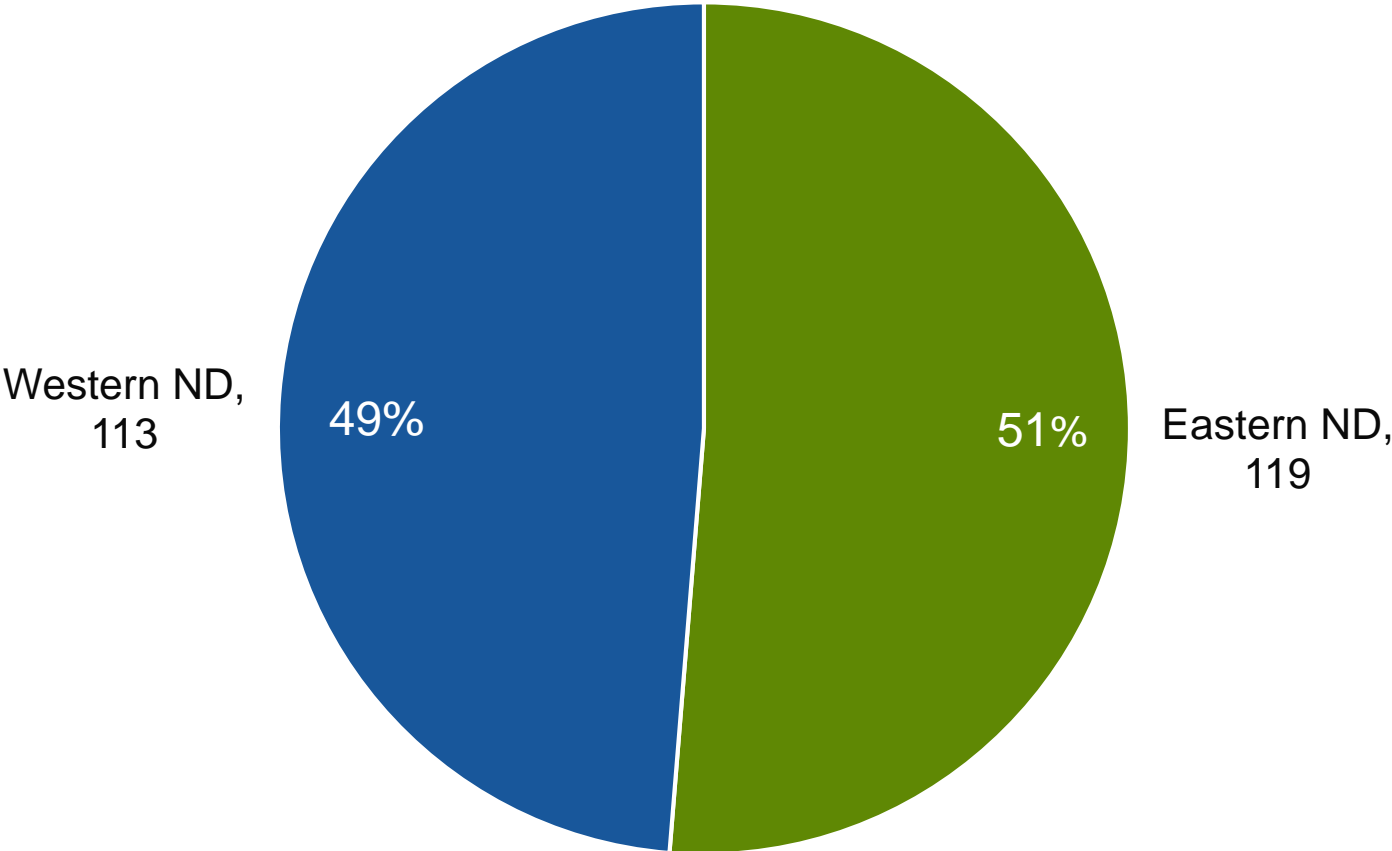


Survey Respondents

Number of Students in School District in 2016-2017 School Year

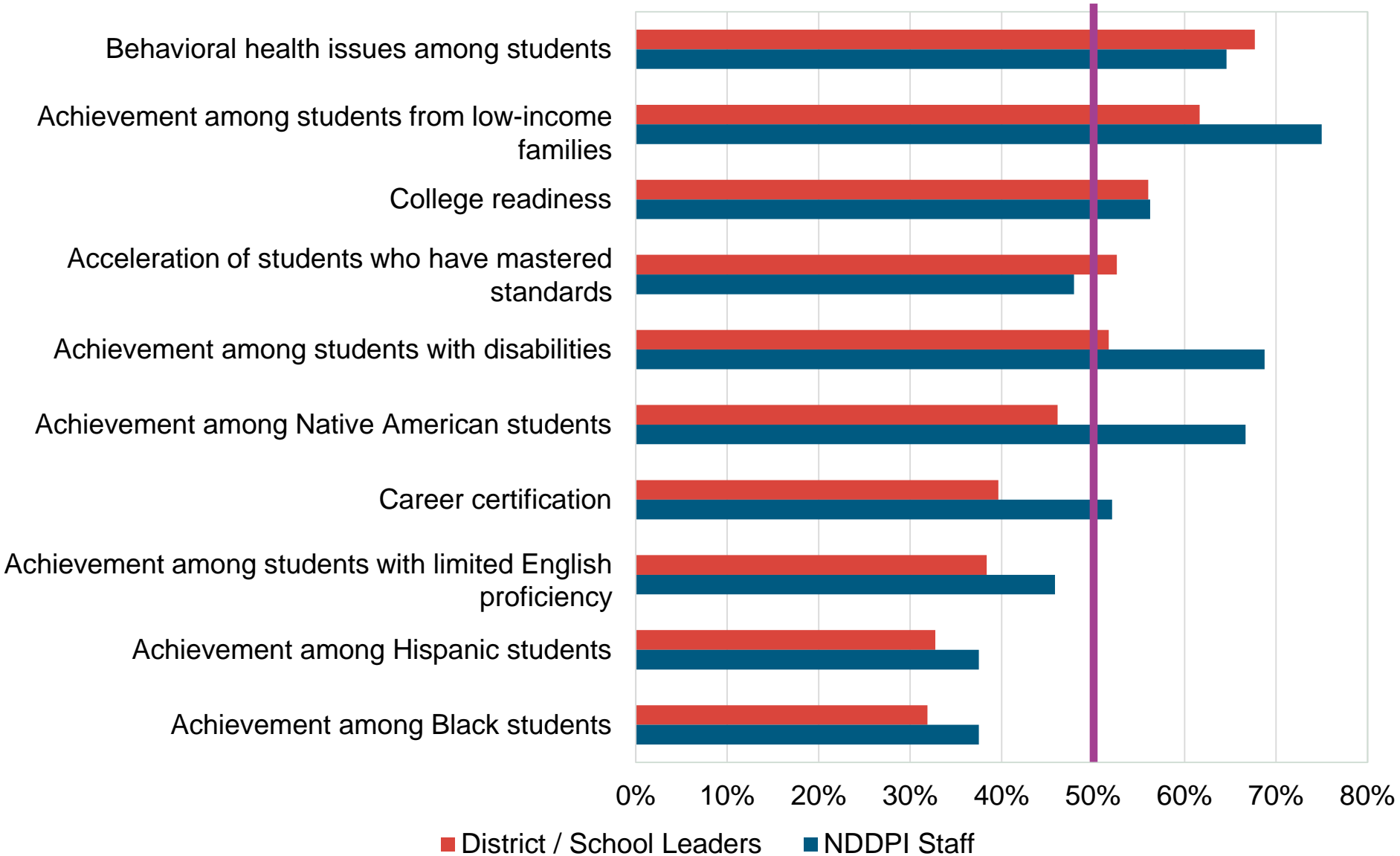


Survey Respondents Location of School District



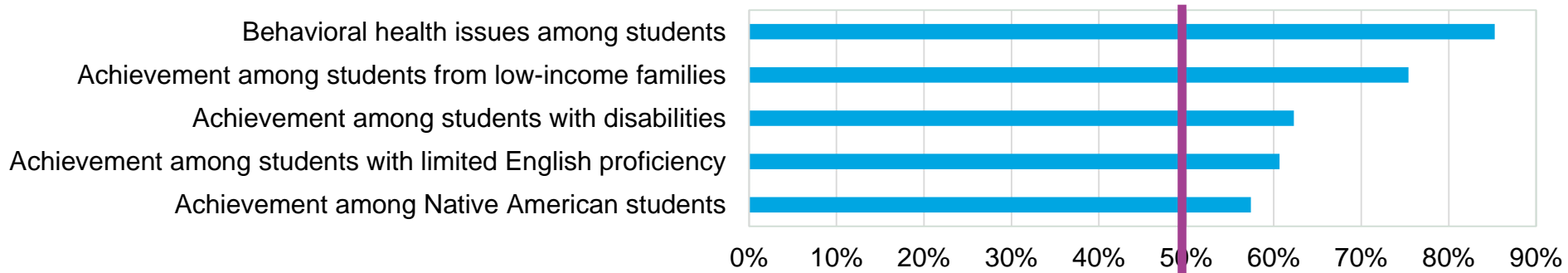
High Priority Ratings

Percentage of Respondents

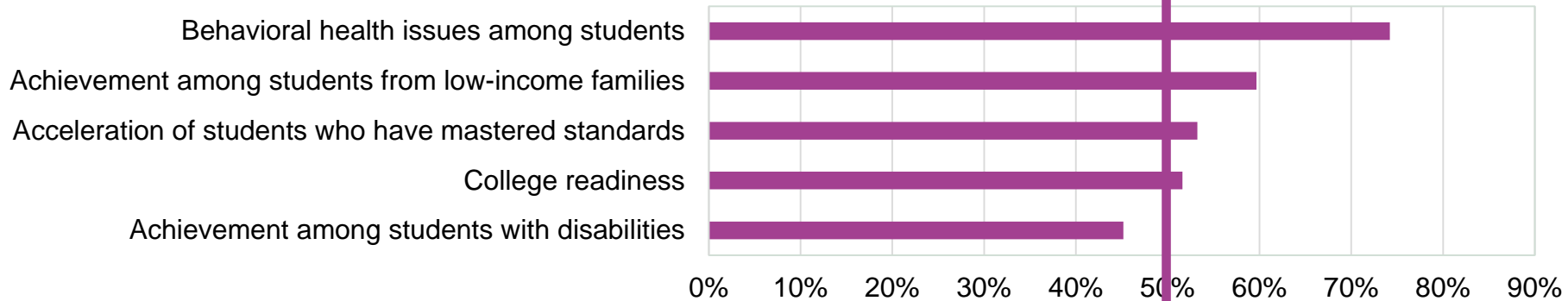


Top 5 Areas Rated High Priority by District / School Leaders

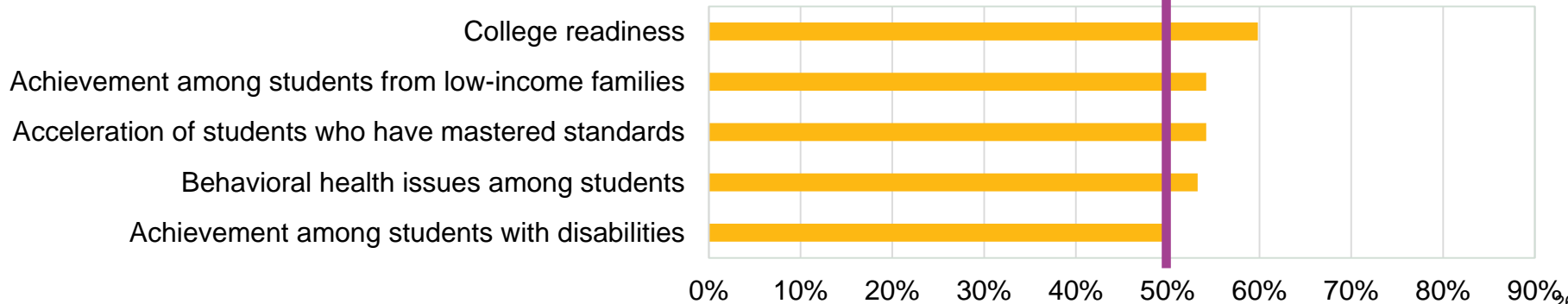
Districts with 1000 or more students



Districts with 300-999 students

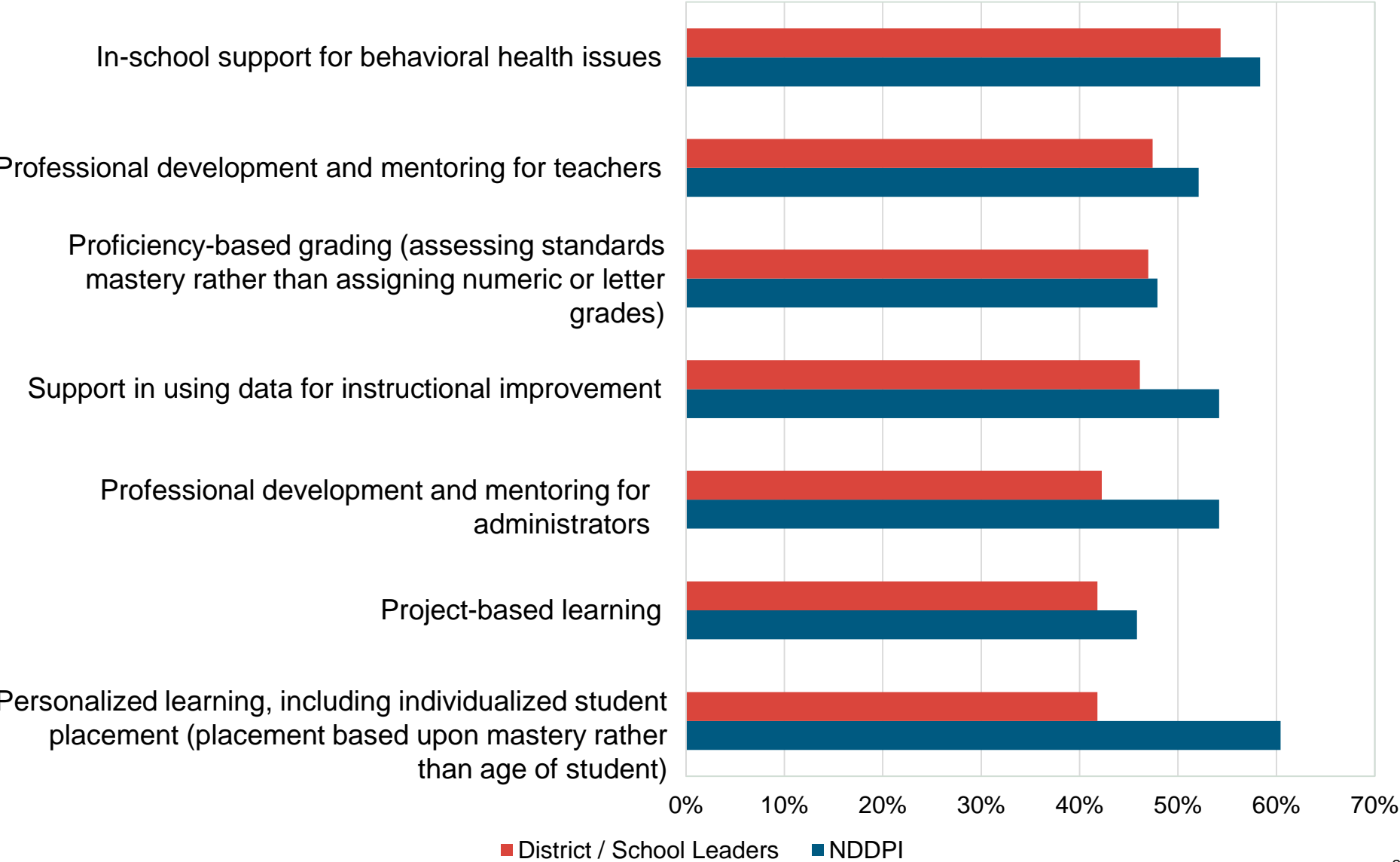


Districts with fewer than 300 students



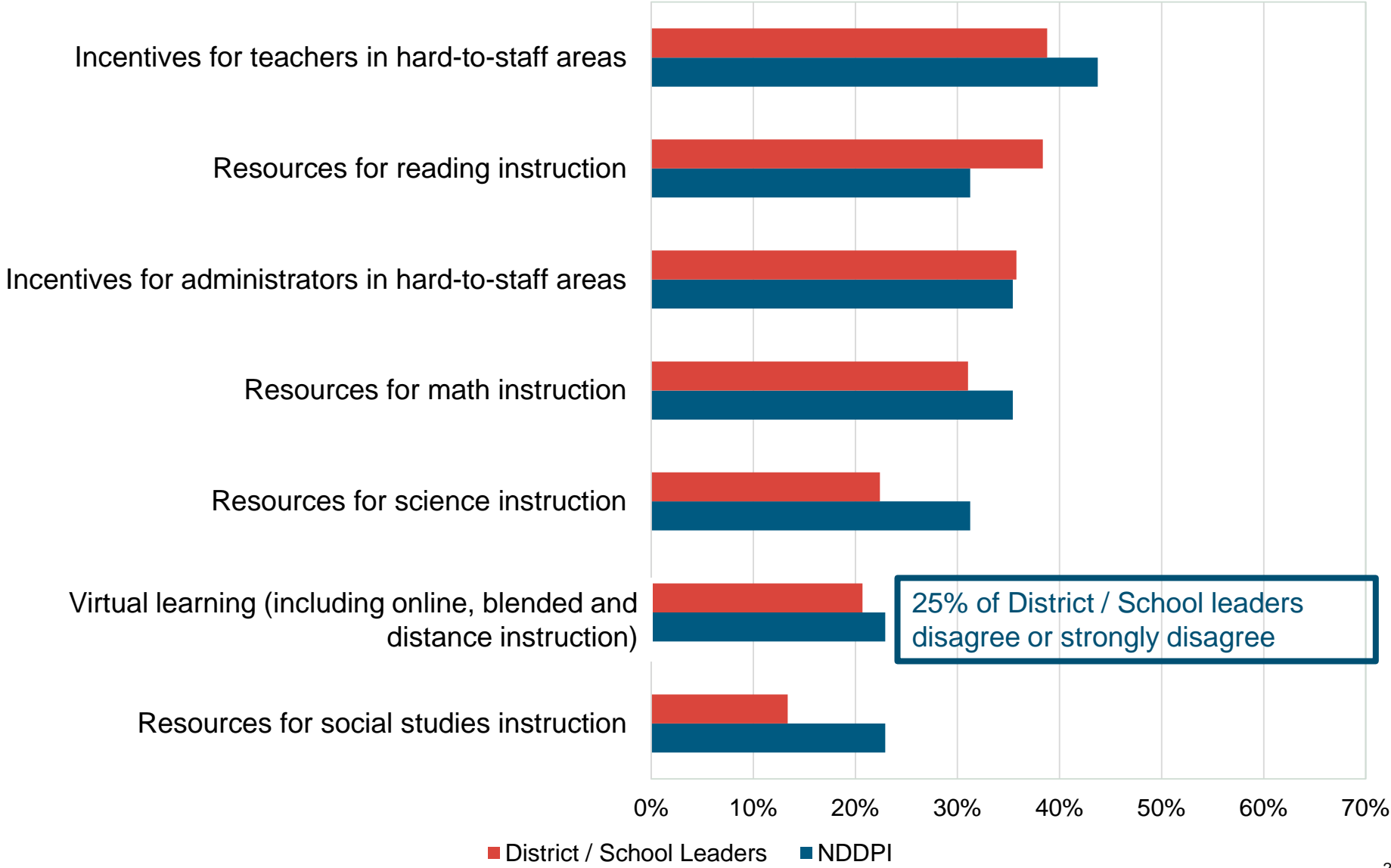
Increased Support Would Improve Achievement

Percentage Strongly Agree



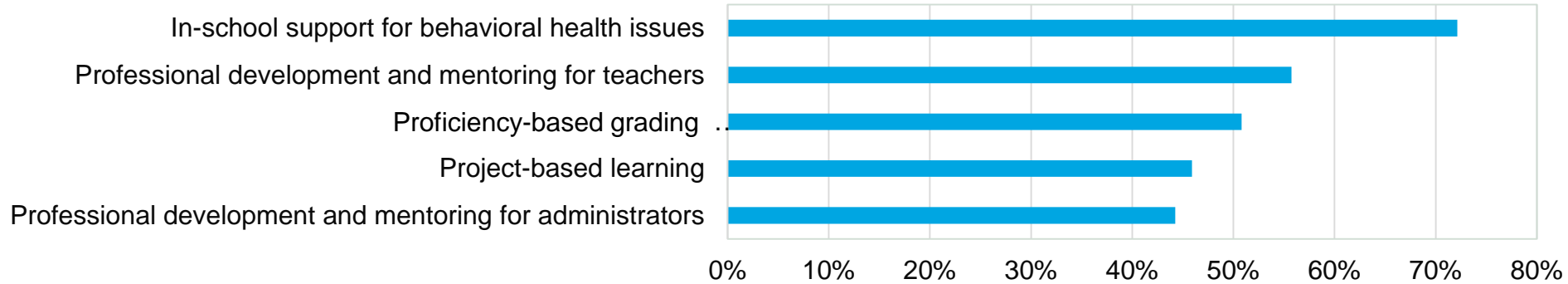
Increased Support Would Improve Achievement

Percentage Strongly Agree

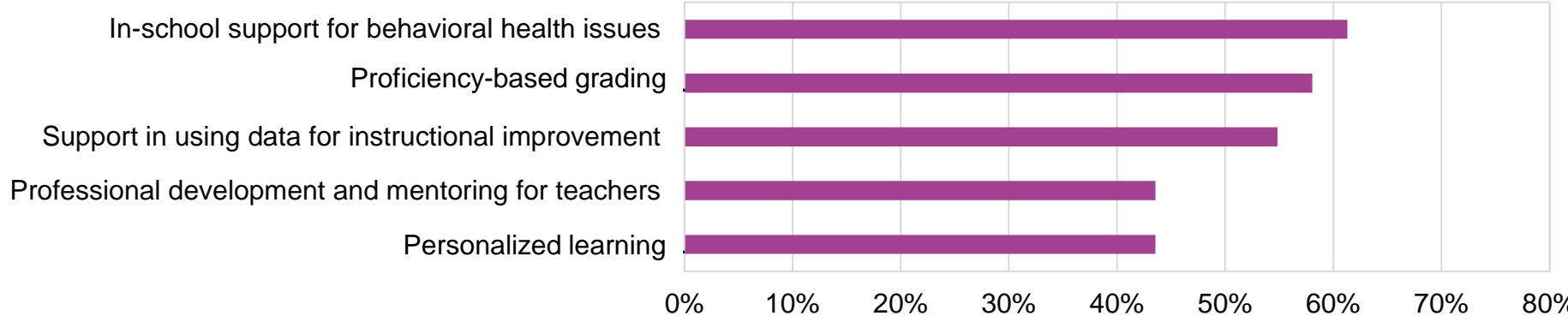


Top 5 Areas Rated Strongly Agree by District / School Leaders

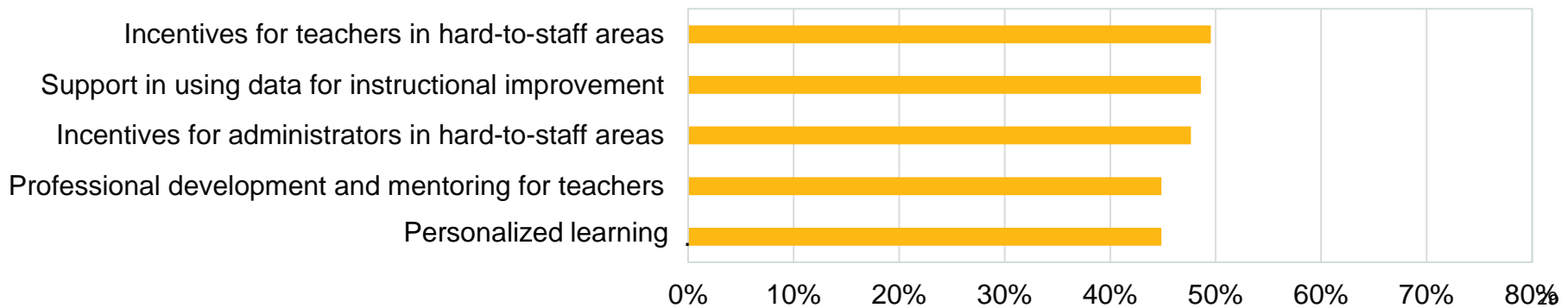
Districts with 1000 or more students



Districts with 300-999 students



Districts with fewer than 300 students



Increased Support Would Improve Achievement

District / School Leaders (Excluding Elementary Principals)

Percentage Strongly Agree

Work-based learning (including career mentoring, job shadowing, internships, apprenticeships, work-study)

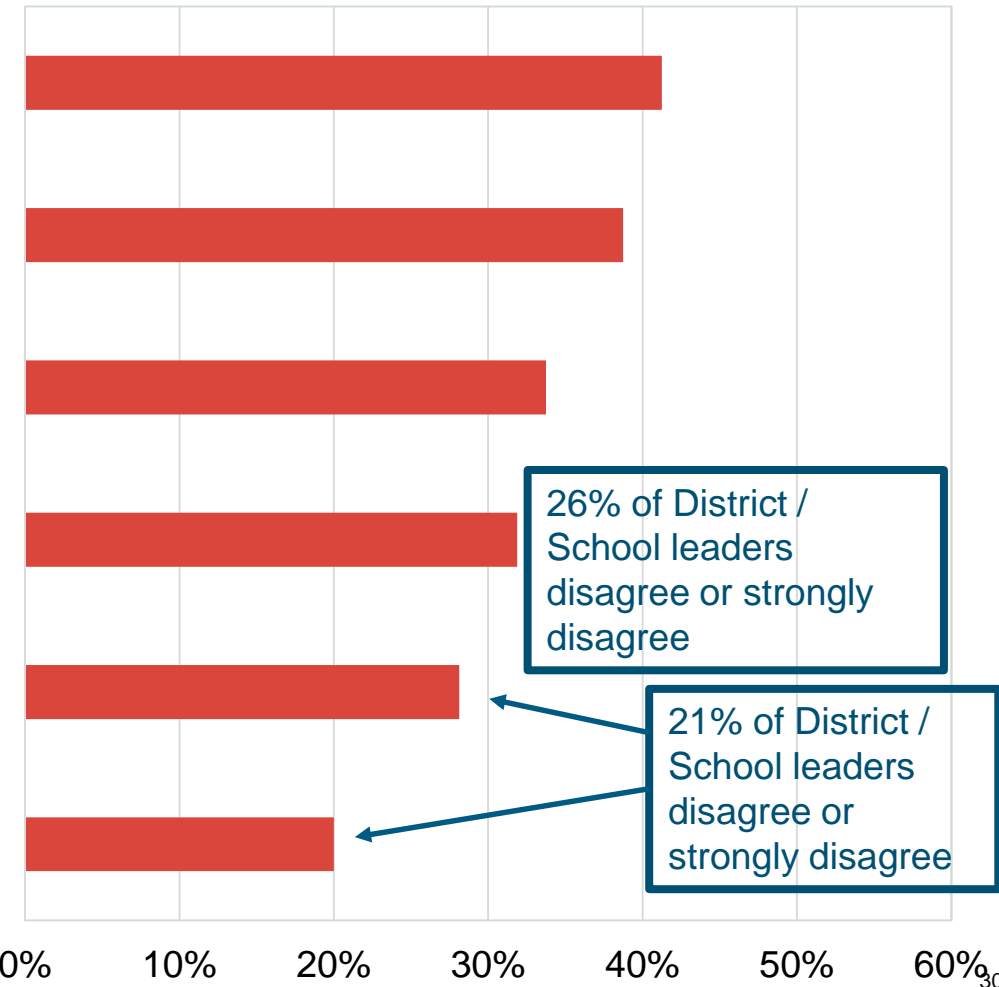
Dual enrollment with colleges and universities

Career certification programs

Flexible credit (for knowledge gained outside the classroom)

Content integration (courses that meet credit requirements for multiple subjects)

Advanced placement courses





DRAFT
Strategic Vision Framework

**Our vision is that
all students will graduate choice ready with the knowledge,
skills and disposition to be successful.**

**We will make
progress toward
this vision by
achieving these
long-term
outcomes for
students**

- 1. Increase students who:**
 - Enter Kindergarten prepared to learn
 - Demonstrate reading proficiency in 3rd grade
 - Meet expected learning gains each year
 - Engage in learning
 - Graduate choice ready
- 2. Reduce the disparity in achievement for students in poverty
and for Native American students**

**We will drive
improvement on
these outcomes
through focused
effort within these
strategic themes**

**Expanded quality
Pre-Kindergarten**

Career exploration

Behavioral health

Quality educators

Flexible instructional models

Survey

Please take 5 minutes to complete the survey

▣ Survey