2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

This report provides district and school level data for Career and Technical Education programs based on Arkansas's approved Perkins V Performance Measures.

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Division of Career and Technical Education

Arkansas Department of Education
Three Capitol Mall
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School Level Aggregations **102**

DEFINITIONS:

BISMARCK SCHOOL DISTRICT

CTE Concentrator -A student who has completed one foundational CTE credit and one additional CTE credit for a total of two CTE credits within the same approved CTE program of study.
Any two levels must sum to two (2) credits within a program of study. Concentrators must have 1.0 credit in Level 1. Level 1 includes the foundational courses. Levels progress in specificity as required (Section 3(41)(D-E)).

Non-Concentrator -All other students. Non-concentrators may include students who have completed one or more CTE credits that were not within the same program of study or in the progressive levels of specificity. Non-concentrators may include students who have never completed a CTE credit.

Who is included in these reports?

Students included in these reports are Grades 9 – 12 students actively enrolled as indicated in 2020-21 school year SIS Cycle 7 who have earned a concentration in one or more program of study. Credits may be earned starting in Grade 7 through Grade 12. An example for 2021 concentrators is provided below.

Data Definitions:

- The performance measure data in this report are from the 2021-22 school year except for postsecondary placement which is a lagged indicator. The students included in the postsecondary placement performance measure exited high school in the 2020-21 school year.

- Consortium membership and single LEA status are based on the 2021-22 school year.

- Students are included in the consortium, district, and school aggregations based on their district and school LEAs indicated in 2021-22 SIS cycle 7 and based on consortium membership and single LEA status for 2021-22.

DEFINITIONS:

BISMARCK SCHOOL DISTRICT

Table Cell Color Codes:

When the entity score is less than target value.

When the entity score is less than 90% of target value.

Restricted Value:

- RV is Restricted Value. RV is used instead of a value so that information identifiable for individual students will not be shown.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

CONCENTRATORS' PERKINS V PERFORMANCE MEASURE SCORES

PERFORMANCE MEASURES	DISTRICT SCORE					STATE SCORE				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
1S1: FOUR-YEAR GRADUATION RATE	> 95	> 95	> 95	> 95		96.89	97.53	96.22	96.59	
1S2: FIVE-YEAR EXTENDED GRADUATION RATE	> 95	> 95	> 95	> 95		97.50	97.46	97.99	96.93	
2S1: ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS*	78.01		74.05	70.77		67.19		65.7	65.93	
2S2: ACADEMIC PROFICIENCY SCORE IN MATHEMATICS*	77.29		71.78	74.50		61.23		59.94	59.53	
2S3: ACADEMIC PROFICIENCY IN SCIENCE*	84.80		77.40	79.07		67.67		67.08	67.06	

NON-CONCENTRATORS' PERKINS V PERFORMANCE MEASURE SCORES

PERFORMANCE MEASURES	DISTRICT SCORE					STATE SCORE				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
1S1: FOUR-YEAR GRADUATION RATE	92.31	> 95	73.91	85.19		77.34	78.22	79.87	78.97	
1S2: FIVE-YEAR EXTENDED GRADUATION RATE	87.88	92.31	> 95	77.27		82.18	79.62	80.68	82.22	
2S1: ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS*	85.43		77.99	78.44		67.4		64.35	64.77	
2S2: ACADEMIC PROFICIENCY SCORE IN MATHEMATICS*	82.02		71.05	77.39		63.01		58.66	58.82	
2S3: ACADEMIC PROFICIENCY IN SCIENCE*	79.66		74.06	77.76		65.52		63.02	62.93	

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

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PERFORMANCE MEASURE SCORES FOR CONCENTRATORS ONLY

PERFORMANCE MEASURES	DISTRICT SCORE					STATE SCORE				
	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
3S1: POST-PROGRAM PLACEMENT			85.19	81.25				81.92	81.38	
4S1: NON-TRADITIONAL PROGRAM CONCENTRATION	25.00	25.41	35.09	45.69		31.31	31.34	30.03	43.00	
5S1: INDUSTRY CERTIFICATIONS			< 5	52.17				14.46	44.94	

The placement data are lagged in this report and the CAR report. The 2022 report includes placement data on students who exited secondary education during the 2021 school year.

GRADUATION PERFORMANCE MEASURES
[1S1, 1S2]

BISMARCK SCHOOL DISTRICT

Performance Measures for Graduation Rate consist of a Four-Year Adjusted Cohort Graduation Rate (1S1) and a Five-Year Extended Adjusted Cohort Graduation Rate (1S2). In both cases, only concentrators are included in the measure and concentrators are only counted once.

Four-Year Adjusted Cohort Graduation Rate [1S1]

- Numerator: The percentage of CTE concentrators who graduate high school, as measured by the four-year adjusted cohort graduation rate (defined in section 8101 of the Elementary and Secondary Education Act of 1965).

- Denominator: Number of CTE concentrators who, in the reporting year, were included in the State's computation of its graduation rate as defined in the State's Consolidated Accountability Plan pursuant to Section 1111(b)(2) of the ESSA.

Formula:
2022 Four-Year Adjusted cohort Graduation Rate

$$\frac{CTE\ Concentrators\ in\ the\ 2022\ Four-Year\ Adjusted\ Cohort\ who\ were\ Actual\ Graduates}{CTE\ Concentrators\ in\ the\ 2022\ Four-Year\ Adjusted\ Cohort\ who\ were\ Expected\ to\ Graduate}$$

Five-Year Extended Adjusted Cohort Graduation Rate [1S2]

- Numerator: The number of CTE concentrators who graduate high school, as measured by extended-year adjusted cohort graduation rate defined in such section 8101.

- Denominator: Number of CTE concentrators who, in the reporting year, were included in the State's computation of its extended-year cohort graduation rate as defined in the State's Consolidated Accountability Plan pursuant to Section 1111(b)(2) of the ESEA.

Formula:
2022 Five-Year Adjusted cohort Graduation Rate

$$\frac{CTE\ Concentrators\ in\ the\ 2022\ Five-Year\ Adjusted\ Cohort\ who\ were\ Actual\ Graduates}{CTE\ Concentrators\ in\ the\ 2022\ Five-Year\ Adjusted\ Cohort\ who\ were\ Expected\ to\ Graduate}$$

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CONSORTIUM FOUR-YEAR ADJUSTED COHORT GRADUATION RATE
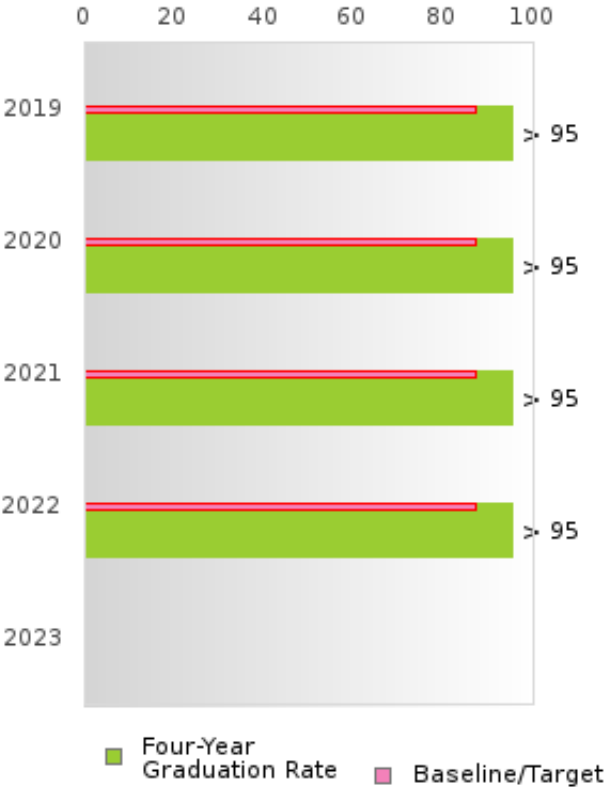
YEAR	SCORE	BASELINE/ TARGET	N
2019	> 95	87.18	RV
2020	> 95	87.18	RV
2021	> 95	87.18	RV
2022	> 95	87.18	RV
2023		87.18	

N: Number of Expected Graduates

DISTRIBUTION OF DISTRICT FOUR-YEAR ADJUSTED COHORT GRADUATION RATES

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

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CONSORTIUM FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE

YEAR	SCORE	BASELINE/ TARGET	N
2019	> 95	90.4	RV
2020	> 95	90.4	RV
2021	> 95	90.4	RV
2022	> 95	90.4	RV
2023		90.4	

N: Number of Expected Graduates

DISTRIBUTION OF DISTRICT FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATES

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

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FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY RACE/ETHNICITY

■ All Students
■ Baseline/Target

■ Native American
■ Baseline/Target

■ Asian
■ Baseline/Target

■ African-American
■ Baseline/Target

■ Hispanic
■ Baseline/Target

■ Hawaiian/Pacific Islander
■ Baseline/Target

■ Caucasian
■ Baseline/Target

■ Two or More
■ Baseline/Target

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FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE BY RACE/ETHNICITY

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GRADUATION RATE BY RACE/ETHNICITY

RACE	2019			2020			2021			2022			2023		
	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
FOUR-YEAR ADJUSTED COHORT GRADUATION RATE															
All Students	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Native American			87.18	N < 10	< 10	87.18	N < 10	< 10	87.18			87.18			87.18
Asian	N < 10	< 10	87.18	N < 10	< 10	87.18	N < 10	< 10	87.18			87.18			87.18
African-American			87.18			87.18			87.18			87.18			87.18
Hispanic	N < 10	< 10	87.18	N < 10	< 10	87.18	N < 10	< 10	87.18	N < 10	< 10	87.18			87.18
Hawaiian/Pacific Islander			87.18			87.18			87.18			87.18			87.18
Caucasian	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Two or More			87.18			87.18			87.18			87.18			87.18
FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE															
All Students	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Native American			90.4	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4			90.4
Asian			90.4			90.4	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4
African-American			90.4	N < 10	< 10	90.4			90.4			90.4			90.4
Hispanic	N < 10	< 10	90.4	N < 10	< 10	90.4	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4
Hawaiian/Pacific Islander			90.4			90.4			90.4			90.4			90.4
Caucasian	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Two or More			90.4			90.4			90.4			90.4			90.4

N: Number of Expected Graduates

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

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CONSORTIUM FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS
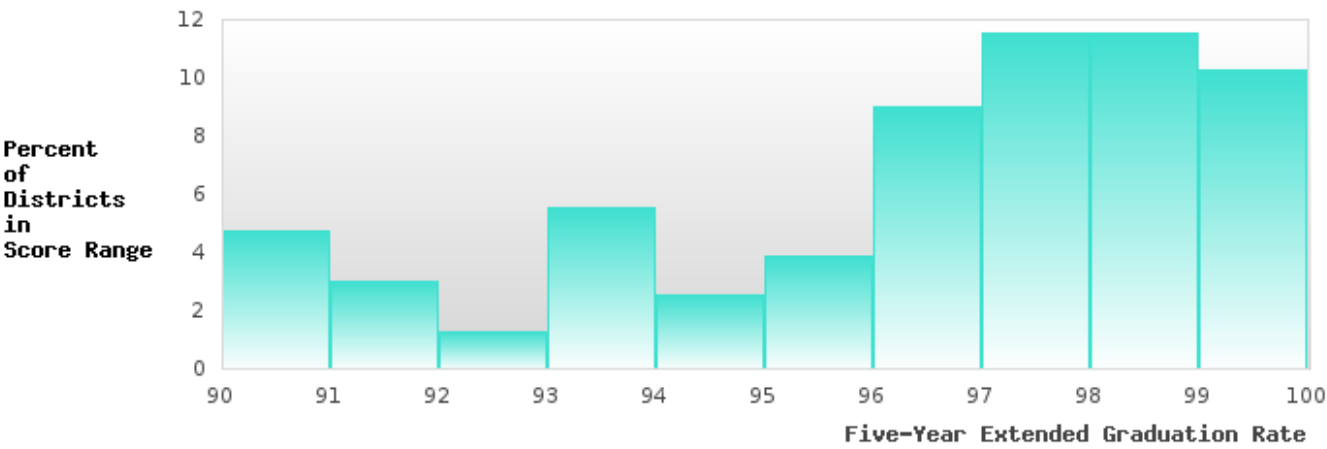
BISMARCK SCHOOL DISTRICT

CONSORTIUM FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY SPECIAL POPULATION

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CONSORTIUM FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE BY SPECIAL POPULATION

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CONSORTIUM FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE BY SPECIAL POPULATION

Homeless — Baseline/Target

Foster Care — Baseline/Target

Military Dependent — Baseline/Target

Migrant — Baseline/Target

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GRADUATION RATE BY SPECIAL POPULATION

RACE	2019			2020			2021			2022			2023		
	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
FOUR-YEAR ADJUSTED COHORT GRADUATION RATE															
All Students	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Male	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Female	95.00	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Students with Disabilities	N < 10	< 10	87.18	N < 10	< 10	87.18	> 95	RV	87.18	N < 10	< 10	87.18			87.18
Economically Disadvantaged	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Non-traditional	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
Single Parent			87.18			87.18			87.18	N < 10	< 10	87.18			87.18
English Learner	N < 10	< 10	87.18			87.18			87.18			87.18			87.18
Homeless	N < 10	< 10	87.18	N < 10	< 10	87.18	> 95	RV	87.18	N < 10	< 10	87.18			87.18
Foster Care			87.18			87.18	N < 10	< 10	87.18			87.18			87.18
Military Dependent			87.18	N < 10	< 10	87.18	N < 10	< 10	87.18			87.18			87.18
Migrant			87.18			87.18			87.18			87.18			87.18
FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE															
All Students	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Male	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Female	91.67	RV	90.4	95.00	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Students with Disabilities	N < 10	< 10	90.4	N < 10	< 10	90.4	N < 10	< 10	90.4	> 95	RV	90.4			90.4
Economically Disadvantaged	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Non-traditional			90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
Single Parent			90.4			90.4			90.4			90.4			90.4
English Learner	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4			90.4			90.4
Homeless	N < 10	< 10	90.4	N < 10	< 10	90.4	N < 10	< 10	90.4	> 95	RV	90.4			90.4
Foster Care			90.4			90.4			90.4	N < 10	< 10	90.4			90.4
Military Dependent	N < 10	< 10	90.4			90.4	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4
Migrant			90.4			90.4			90.4			90.4			90.4

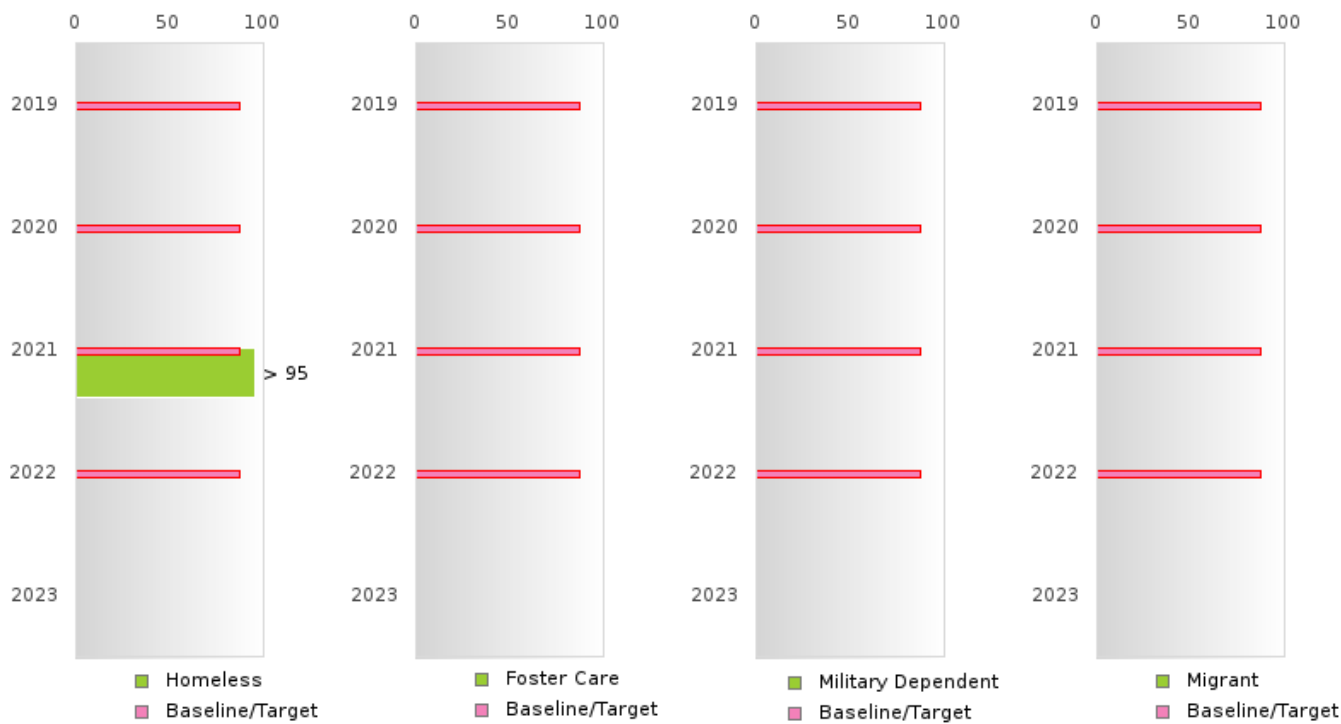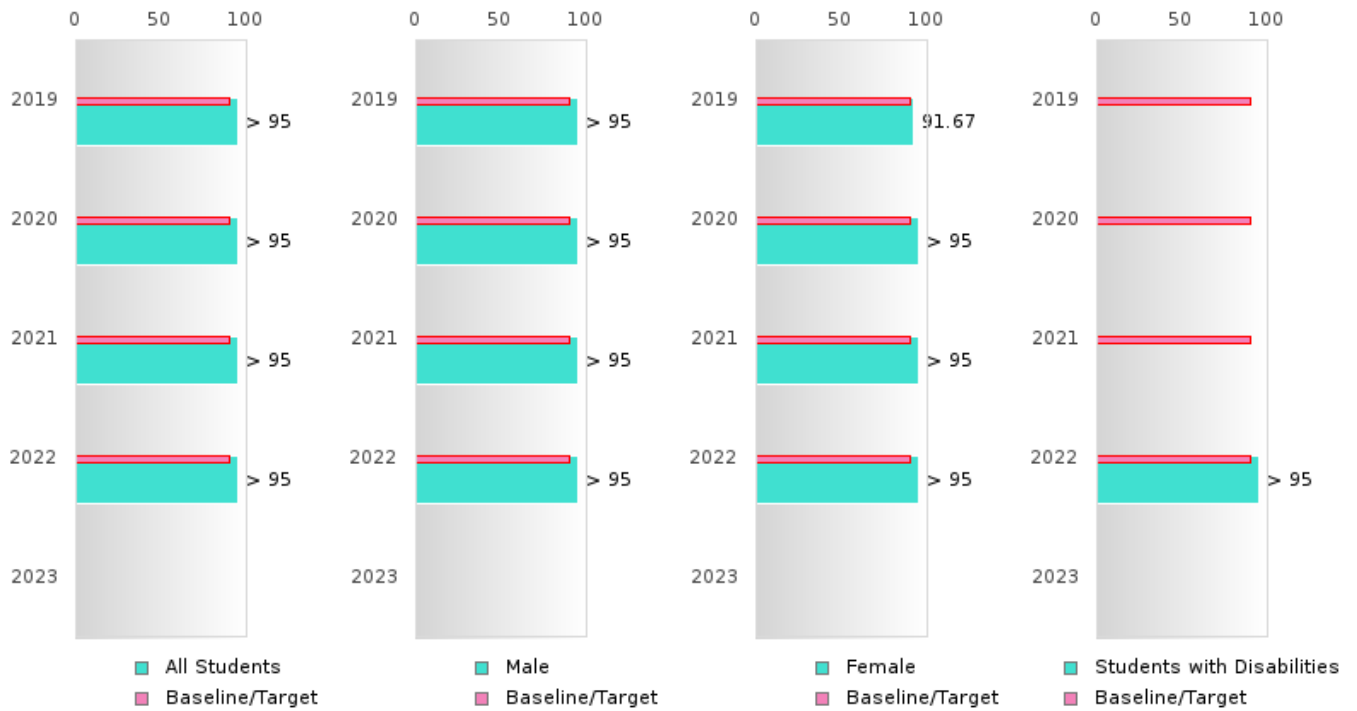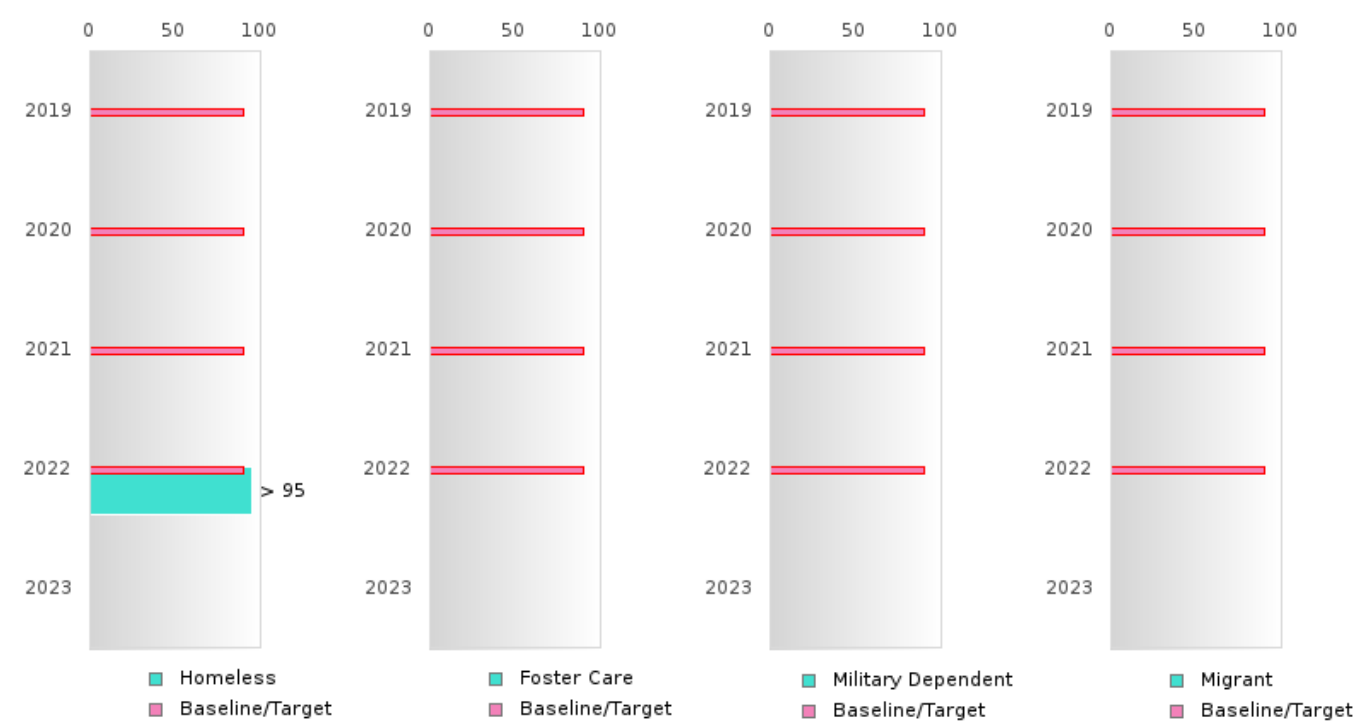# 2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

CONSORTIUM FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY CLUSTER

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CONSORTIUM FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY CLUSTER

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FOUR-YEAR ADJUSTED GRADUATION RATE BY CLUSTER

RACE	2019			2020			2021			2022			2023		
	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
FOUR-YEAR ADJUSTED COHORT GRADUATION RATE															
AGRICULTURE, FOOD, & NATURAL RESOURCES	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
ARCHITECTURE AND CONSTRUCTION			87.18			87.18			87.18			87.18			87.18
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS			87.18			87.18			87.18			87.18			87.18
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
EDUCATION AND TRAINING			87.18			87.18			87.18			87.18			87.18
FINANCE	N < 10	< 10	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
GOVERNMENT AND PUBLIC ADMINISTRATION			87.18			87.18			87.18			87.18			87.18
HEALTH SCIENCES	N < 10	< 10	87.18			87.18			87.18			87.18			87.18
HOSPITALITY & TOURISM	N < 10	< 10	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
HUMAN SERVICES	90.00	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
INFORMATION TECHNOLOGY	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY			87.18			87.18			87.18			87.18			87.18
MANUFACTURING			87.18			87.18			87.18			87.18			87.18
MARKETING	N < 10	< 10	87.18	> 95	RV	87.18	N < 10	< 10	87.18	N < 10	< 10	87.18			87.18
STEM			87.18			87.18			87.18			87.18			87.18
TRANSPORTATION, DISTRIBUTION, & LOGISTICS			87.18	N < 10	< 10	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

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FIVE-YEAR EXTENDED ADJUSTED GRADUATION RATE BY CLUSTER

RACE	2019			2020			2021			2022			2023		
	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE															
AGRICULTURE, FOOD, & NATURAL RESOURCES	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
ARCHITECTURE AND CONSTRUCTION			90.4			90.4			90.4			90.4			90.4
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS			90.4			90.4			90.4			90.4			90.4
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10	90.4	N < 10	< 10	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
EDUCATION AND TRAINING			90.4			90.4			90.4			90.4			90.4
FINANCE	N < 10	< 10	90.4	N < 10	< 10	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
GOVERNMENT AND PUBLIC ADMINISTRATION			90.4			90.4			90.4			90.4			90.4
HEALTH SCIENCES	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4			90.4			90.4
HOSPITALITY & TOURISM	N < 10	< 10	90.4	N < 10	< 10	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
HUMAN SERVICES	95.00	RV	90.4	91.00	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
INFORMATION TECHNOLOGY	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10	90.4			90.4			90.4			90.4			90.4
MANUFACTURING			90.4			90.4			90.4			90.4			90.4
MARKETING			90.4	N < 10	< 10	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4
STEM	N < 10	< 10	90.4			90.4			90.4			90.4			90.4
TRANSPORTATION, DISTRIBUTION, & LOGISTICS			90.4			90.4	N < 10	< 10	90.4	N < 10	< 10	90.4			90.4

ACADEMIC PERFORMANCE MEASURES
[2S1, 2S2, 2S3]

BISMARCK SCHOOL DISTRICT

The Academic Proficiency Performance Measures (Reading/Language Arts [1S1]; Mathematics [1S2]; Science [1S3]) in Arkansas's approved Perkins V plan are designed to align with the achievement and growth measures in Arkansas's approved ESSA plan. This alignment provides schools with a unified focus on increased rigor and relevance in student learning opportunities within a student-focused learning system to improve academic proficiency and increase students' readiness for college, career, and community engagement.

The Academic Performance Measures include concentrators that are full academic year students: students who are continuously enrolled in a particular school on or before October 1 through the date of the first data pull for the regular or alternate assessment.

Assessments Included:
Act Aspire (Grades 9 - 10) • Dynamic Learning Maps (Grades 9 - 10) • ACT (Grades 11 -12 [3-yr best])

Academic Proficiency Score Calculation:
- Weighted Achievement (Grades 9 – 12) and Value-Added Growth Scores (Grades 9 -10) Included in Score
- Reading/Language Arts, Mathematics, and Science calculated separately
- Calculated for all schools with Grades 9, 10, 11, and/or 12

For students in Grades 9 or 10 with ACT Aspire Scores:
- In Need of Support (0 points), Close (0.5 point), Ready (1.0 point), Exceeds (1.0 or 1.25 points*) for ACT Aspire

For students in Grades 9 or 10 with Dynamic Learning Maps Performance Levels:
- Performance Levels 1 (0 points), 2 (0.5 point), 3 (1.0 point), 4 (1.0 or 1.25 points*)

*Points for Exceeding depend on the number of students in the lowest readiness level compared to the number in the Exceeding level.

For students in Grades 11 or 12 with ACT Scores:
- ACT Score < 17 (0 points); $17 \leq$ ACT score < 19 (0.5 points); $19 \leq$ ACT Score < ACT College Readiness Benchmark (1.0 point); ACT Score $\geq$ College Readiness Benchmark (1.0 to 1.25 points)

For students in Grades 11 or 12 without ACT Scores:
- Last ACT Aspire score available from Grades 9 or 10.

ACT College Readiness Benchmark Scores are Reading = 22; Mathematics = 22; Science = 23

General Formula for Academic Proficiency Score for Each Subject

$$ELA\ Academic\ Proficiency\ Score =$$
$$ELA\ Weighted\ Achievement\ Score \times (0.50) + ELA\ Mean\ Value - Added\ Growth\ Score \times (0.50)$$

$$Math\ Academic\ Proficiency\ Score =$$
$$Math\ Weighted\ Achievement\ Score \times (0.50) + Math\ Mean\ Value - Added\ Growth\ Score \times (0.50)$$

$$Science\ Academic\ Proficiency\ Score =$$
$$Science\ Weighted\ Achievement\ Score \times (0.50) + Science\ Mean\ Value - Added\ Growth\ Score \times (0.50)$$

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS
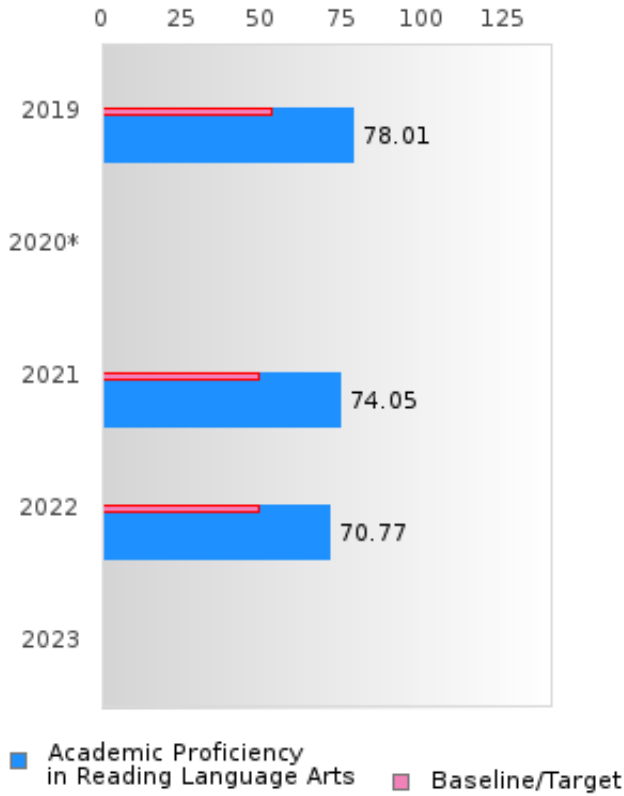
YEAR	SCORE	BASELINE/ TARGET	N
2019	78.01	52.78	101
2020*		53.03	
2021	74.05	48.45	112
2022	70.77	48.7	116
2023		48.95	

N: Number of Concentrators with Test Scores Included in the Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

DISTRIBUTION OF DISTRICT SCORES FOR ACADEMIC PROFICIENCY IN READING LANGUAGE ARTS

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS
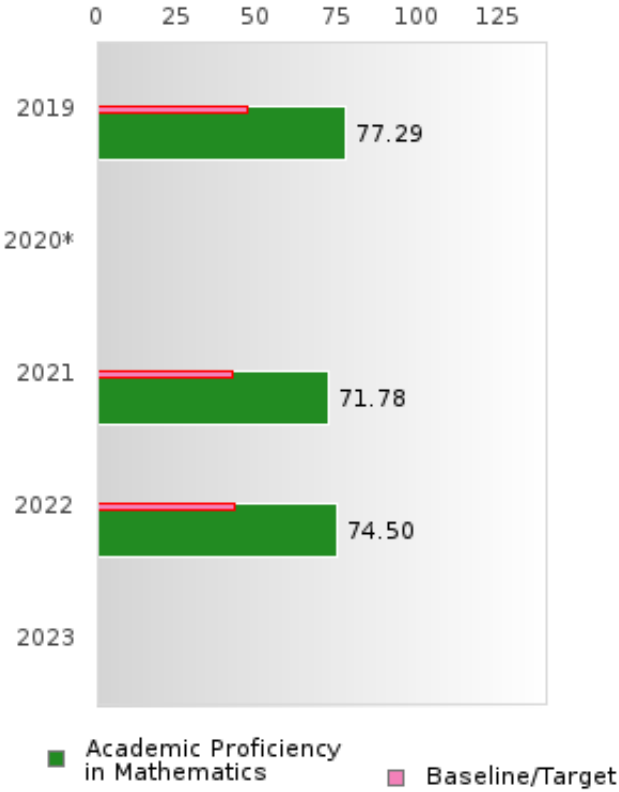
YEAR	SCORE	BASELINE/ TARGET	N
2019	77.29	46.45	101
2020*		46.7	
2021	71.78	42.27	112
2022	74.50	42.52	116
2023		42.77	

N: Number of Concentrators with Test Scores Included in the Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

DISTRIBUTION OF DISTRICT SCORES FOR ACADEMIC PROFICIENCY IN MATHEMATICS

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN SCIENCE
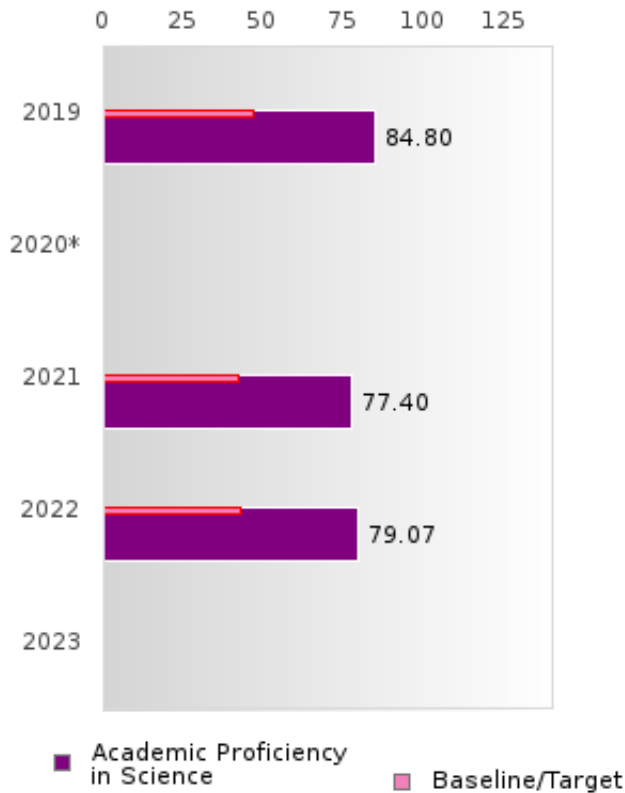
YEAR	SCORE	BASELINE/ TARGET	N
2019	84.80	53.26	103
2020*		53.51	
2021	77.40	48.4	112
2022	79.07	48.65	116
2023		48.9	

N: Number of Concentrators with Test Scores Included in the Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

DISTRIBUTION OF DISTRICT SCORES FOR ACADEMIC PROFICIENCY IN SCIENCE

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY RACE/ETHNICITY

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY RACE/ETHNICITY

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN SCIENCE BY RACE/ETHNICITY

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE TABLE BY SUBJECT AND RACE/ETHNICITY

RACE	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
READING LANGUAGE ARTS															
All Students	78.01	101	52.78			53.03	74.05	112	48.45	70.77	116	48.7			48.95
Native American	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Asian	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
African-American	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Hispanic	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Hawaiian/Pacific Islander	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Caucasian	78.26	90	52.78			53.03	72.99	101	48.45	70.68	105	48.7			48.95
Two or More	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
MATHEMATICS															
All Students	77.29	101	46.45			46.7	71.78	112	42.27	74.50	116	42.52			42.77
Native American	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Asian	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
African-American	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Hispanic	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Hawaiian/Pacific Islander	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Caucasian	77.86	90	46.45			46.7	72.03	101	42.27	74.62	105	42.52			42.77
Two or More	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
SCIENCE															
All Students	84.80	103	53.26			53.51	77.40	112	48.4	79.07	116	48.65			48.9
Native American	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Asian	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
African-American	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Hispanic	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Hawaiian/Pacific Islander	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Caucasian	84.65	92	53.26			53.51	76.07	101	48.4	78.13	105	48.65			48.9
Two or More	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9

N: Number of Concentrators with Test Scores Included in the Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

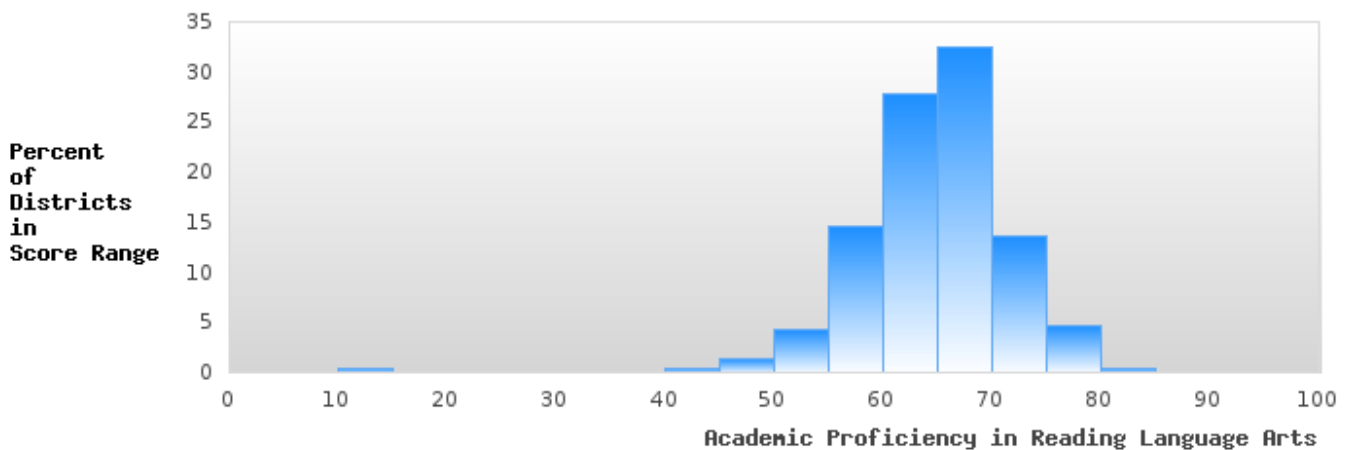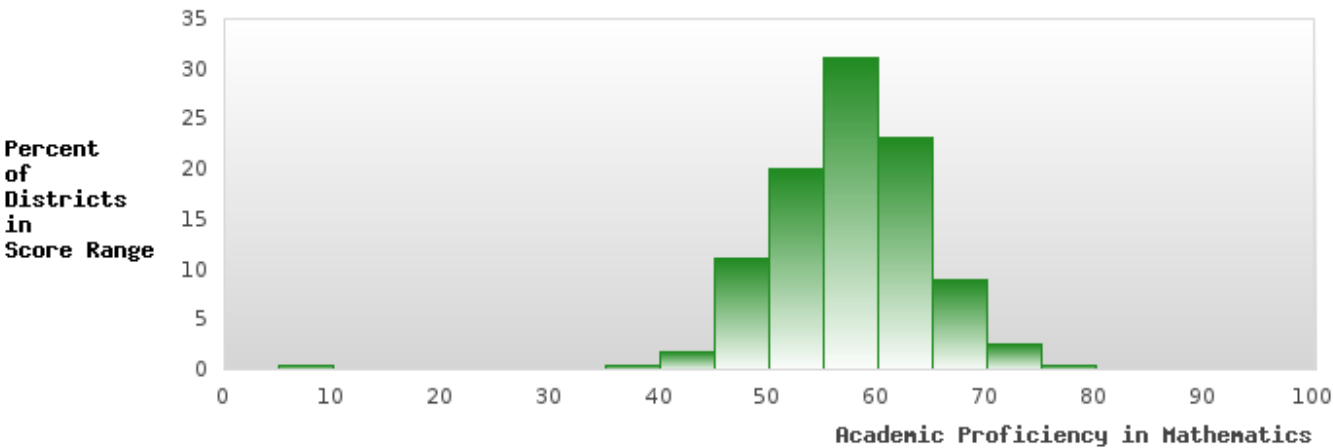### ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY SPECIAL POPULATION

All Students

Year	Value
2019	78.01
2020*	
2021	74.05
2022	70.77
2023	

- ■ All Students
- ■ Baseline/Target

Male

Year	Value
2019	70.84
2020*	
2021	68.00
2022	67.12
2023	

- ■ Male
- ■ Baseline/Target

Female

Year	Value
2019	85.07
2020*	
2021	83.41
2022	76.94
2023	

- ■ Female
- ■ Baseline/Target

Students with Disabilities

Year	Value
2019	58.31
2020*	
2021	53.64
2022	51.45
2023	

- ■ Students with Disabilities
- ■ Baseline/Target

Economically Disadvantaged

Year	Value
2019	72.43
2020*	
2021	76.70
2022	65.47
2023	

- ■ Economically Disadvantaged
- ■ Baseline/Target

Non-traditional

Year	Value
2019	92.83
2020*	
2021	83.64
2022	71.32
2023	

- ■ Non-traditional
- ■ Baseline/Target

Single Parent

Year	Value
2019	
2020*	
2021	
2022	
2023	

- ■ Single Parent
- ■ Baseline/Target

English Learner

Year	Value
2019	
2020*	
2021	
2022	
2023	

- ■ English Learner
- ■ Baseline/Target

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY SPECIAL POPULATION

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY SPECIAL POPULATION

	All Students	Male	Female	Students with Disabilities
2019	77.29	76.28	78.42	47.65
2020*				
2021	71.78	69.94	75.86	48.14
2022	74.50	72.42	77.01	49.79
2023				

	Economically Disadvantaged	Non-traditional	Single Parent	English Learner
2019	73.99	92.38		
2020*				
2021	74.30	74.84		
2022	71.37	74.25		
2023				

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY SPECIAL POPULATION

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN SCIENCE BY SPECIAL POPULATION

All Students / Baseline/Target

Year	Value
2019	84.80
2021	77.40
2022	79.07

Male / Baseline/Target

Year	Value
2019	79.04
2021	73.05
2022	79.13

Female / Baseline/Target

Year	Value
2019	90.66
2021	83.60
2022	79.18

Students with Disabilities / Baseline/Target

Year	Value
2019	62.41
2021	47.27
2022	52.10

Economically Disadvantaged / Baseline/Target

Year	Value
2019	81.87
2021	74.26
2022	74.63

Non-traditional / Baseline/Target

Year	Value
2019	98.01
2021	82.28
2022	74.96

Single Parent / Baseline/Target

English Learner / Baseline/Target

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

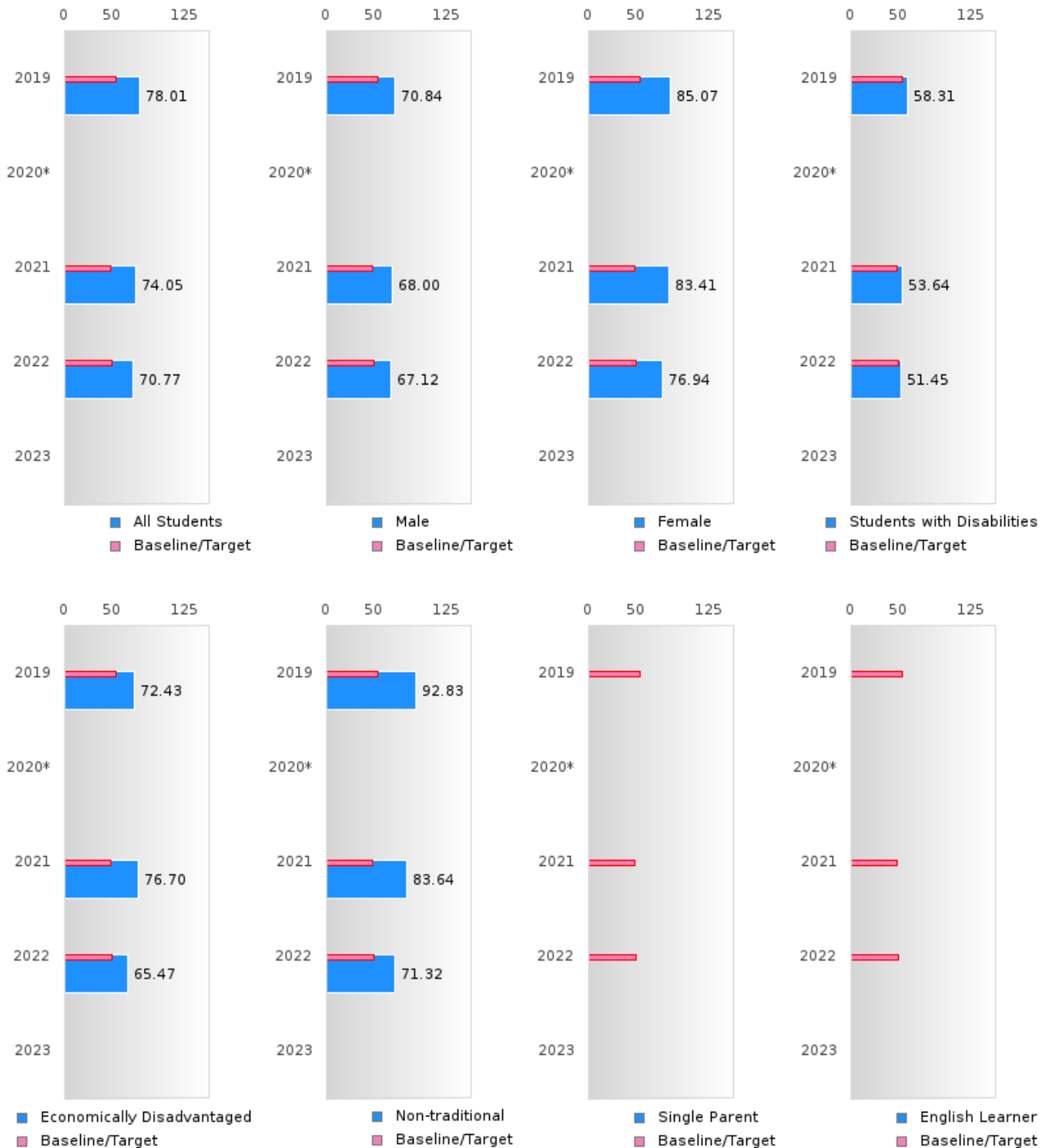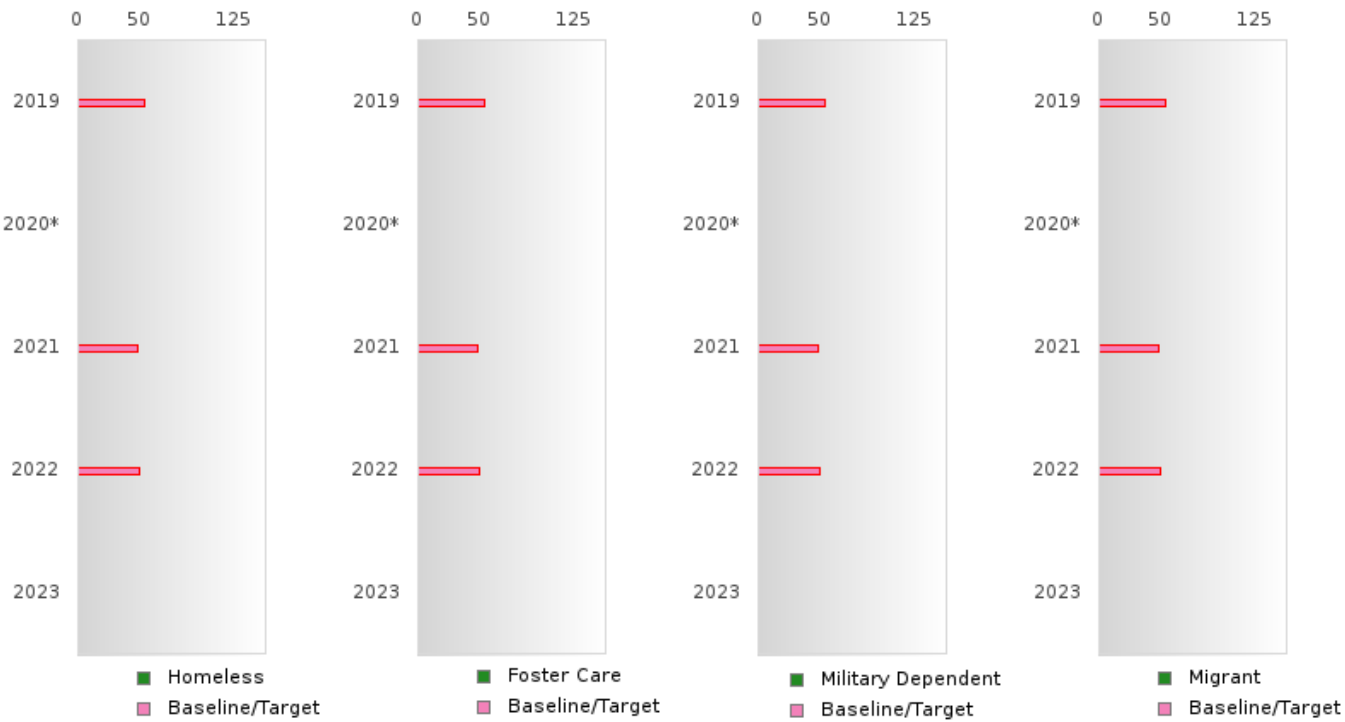### ACADEMIC PROFICIENCY SCORE IN SCIENCE BY SPECIAL POPULATION

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE TABLE BY SUBJECT AND SPECIAL POPULATION

RACE	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
READING LANGUAGE ARTS															
All Students	78.01	101	52.78			53.03	74.05	112	48.45	70.77	116	48.7			48.95
Male	70.84	50	52.78			53.03	68.00	67	48.45	67.12	64	48.7			48.95
Female	85.07	51	52.78			53.03	83.41	45	48.45	76.94	52	48.7			48.95
Students with Disabilities	58.31	12	52.78			53.03	53.64	15	48.45	51.45	16	48.7			48.95
Economically Disadvantaged	72.43	54	52.78			53.03	76.70	49	48.45	65.47	60	48.7			48.95
Non-traditional	92.83	23	52.78			53.03	83.64	38	48.45	71.32	53	48.7			48.95
Single Parent	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
English Learner	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Homeless	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Foster Care	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Military Dependent	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
Migrant	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
MATHEMATICS															
All Students	77.29	101	46.45			46.7	71.78	112	42.27	74.50	116	42.52			42.77
Male	76.28	50	46.45			46.7	69.94	67	42.27	72.42	64	42.52			42.77
Female	78.42	51	46.45			46.7	75.86	45	42.27	77.01	52	42.52			42.77
Students with Disabilities	47.65	12	46.45			46.7	48.14	15	42.27	49.79	16	42.52			42.77
Economically Disadvantaged	73.99	54	46.45			46.7	74.30	49	42.27	71.37	60	42.52			42.77
Non-traditional	92.38	23	46.45			46.7	74.84	38	42.27	74.25	53	42.52			42.77
Single Parent	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
English Learner	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Homeless	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Foster Care	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Military Dependent	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
Migrant	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
SCIENCE															
All Students	84.80	103	53.26			53.51	77.40	112	48.4	79.07	116	48.65			48.9
Male	79.04	51	53.26			53.51	73.05	67	48.4	79.13	64	48.65			48.9
Female	90.66	52	53.26			53.51	83.60	45	48.4	79.18	52	48.65			48.9
Students with Disabilities	62.41	14	53.26			53.51	47.27	15	48.4	52.10	16	48.65			48.9
Economically Disadvantaged	81.87	56	53.26			53.51	74.26	49	48.4	74.63	60	48.65			48.9
Non-traditional	98.01	24	53.26			53.51	82.28	38	48.4	74.96	53	48.65			48.9
Single Parent	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
English Learner	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Homeless	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Foster Care	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Military Dependent	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
Migrant	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9

N: Number of Concentrators with Test Scores Included in the Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES
- ■ AGRICULTURE, FOOD, & NATURAL RESOURCES
- ■ Baseline/Target

2019: 73.40
2021: 67.86
2022: 66.51

ARCHITECTURE AND CONSTRUCTION
- ■ ARCHITECTURE AND CONSTRUCTION
- ■ Baseline/Target

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS
- ■ ARTS, A/V, TECHNOLOGY & COMMUNICATIONS
- ■ Baseline/Target

BUSINESS MANAGEMENT & ADMINISTRATION
- ■ BUSINESS MANAGEMENT & ADMINISTRATION
- ■ Baseline/Target

2019: 84.09
2021: 84.29
2022: 71.96

EDUCATION AND TRAINING
- ■ EDUCATION AND TRAINING
- ■ Baseline/Target

FINANCE
- ■ FINANCE
- ■ Baseline/Target

2019: 85.35
2021: 87.18
2022: 70.09

GOVERNMENT AND PUBLIC ADMINISTRATION
- ■ GOVERNMENT AND PUBLIC ADMINISTRATION
- ■ Baseline/Target

HEALTH SCIENCES
- ■ HEALTH SCIENCES
- ■ Baseline/Target

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY CLUSTER

HOSPITALITY & TOURISM — Baseline/Target
- 2019: 84.09
- 2021: 81.80
- 2022: 71.29

HUMAN SERVICES — Baseline/Target
- 2019: 77.93
- 2021: 70.69
- 2022: 72.35

INFORMATION TECHNOLOGY — Baseline/Target
- 2019: 83.08
- 2021: 84.67
- 2022: 71.78

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY — Baseline/Target

MANUFACTURING — Baseline/Target

MARKETING — Baseline/Target
- 2019: 86.90
- 2022: 73.39

STEM — Baseline/Target

TRANSPORTATION, DISTRIBUTION, & LOGISTICS — Baseline/Target
- 2021: 85.24
- 2022: 70.09

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES — Baseline/Target
- 2019: 70.69
- 2021: 70.03
- 2022: 70.41

ARCHITECTURE AND CONSTRUCTION — Baseline/Target

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS — Baseline/Target

BUSINESS MANAGEMENT & ADMINISTRATION — Baseline/Target
- 2019: 85.81
- 2021: 75.67
- 2022: 76.73

EDUCATION AND TRAINING — Baseline/Target

FINANCE — Baseline/Target
- 2019: 85.66
- 2021: 77.41
- 2022: 73.49

GOVERNMENT AND PUBLIC ADMINISTRATION — Baseline/Target

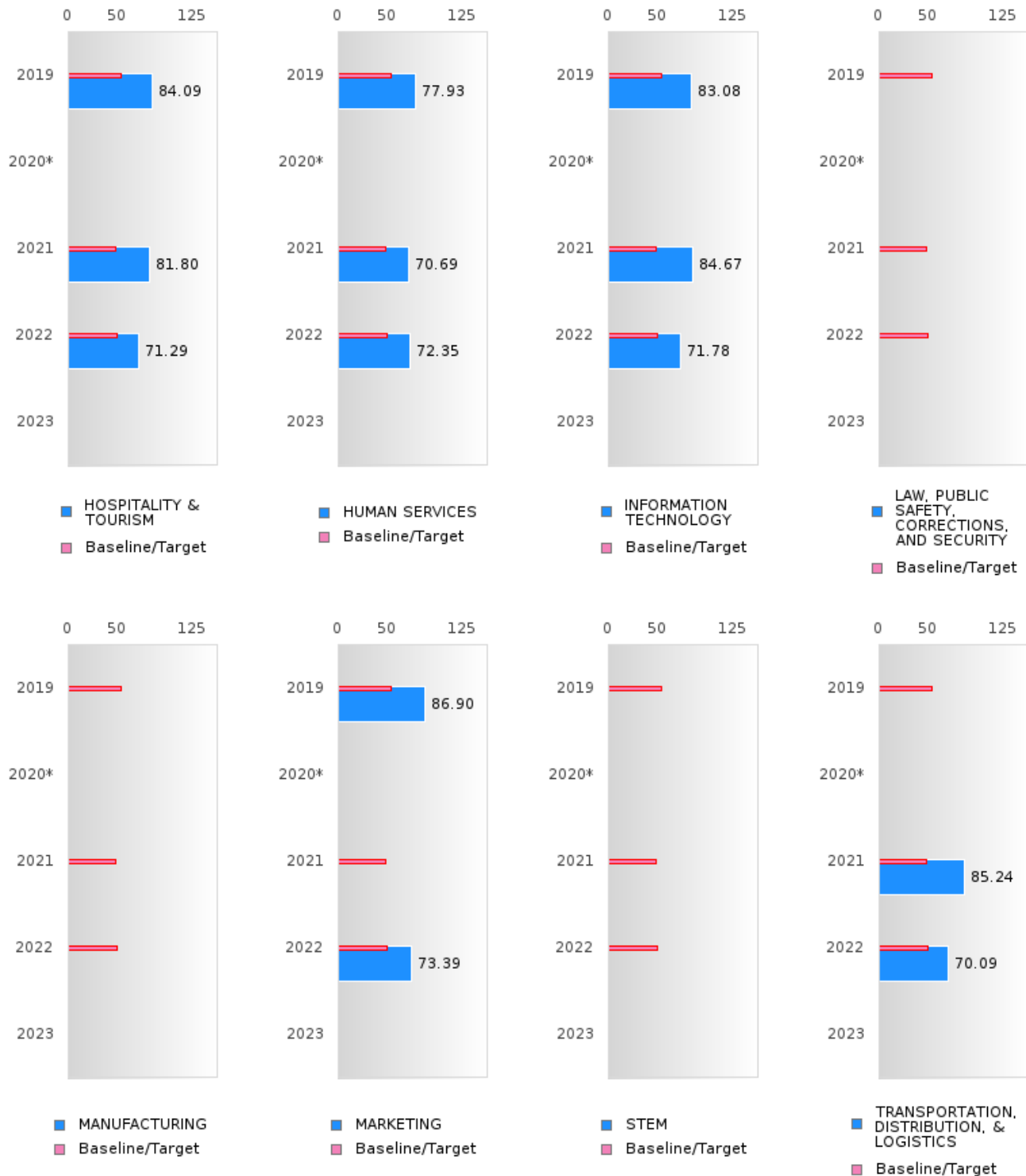HEALTH SCIENCES — Baseline/Target

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY CLUSTER

HOSPITALITY & TOURISM
Baseline/Target
- 2019: 85.81
- 2021: 73.92
- 2022: 76.26

HUMAN SERVICES
Baseline/Target
- 2019: 70.91
- 2021: 71.10
- 2022: 75.00

INFORMATION TECHNOLOGY
Baseline/Target
- 2019: 89.39
- 2021: 75.67
- 2022: 74.79

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
Baseline/Target

MANUFACTURING
Baseline/Target

MARKETING
Baseline/Target
- 2019: 82.78
- 2022: 78.84

STEM
Baseline/Target

TRANSPORTATION, DISTRIBUTION, & LOGISTICS
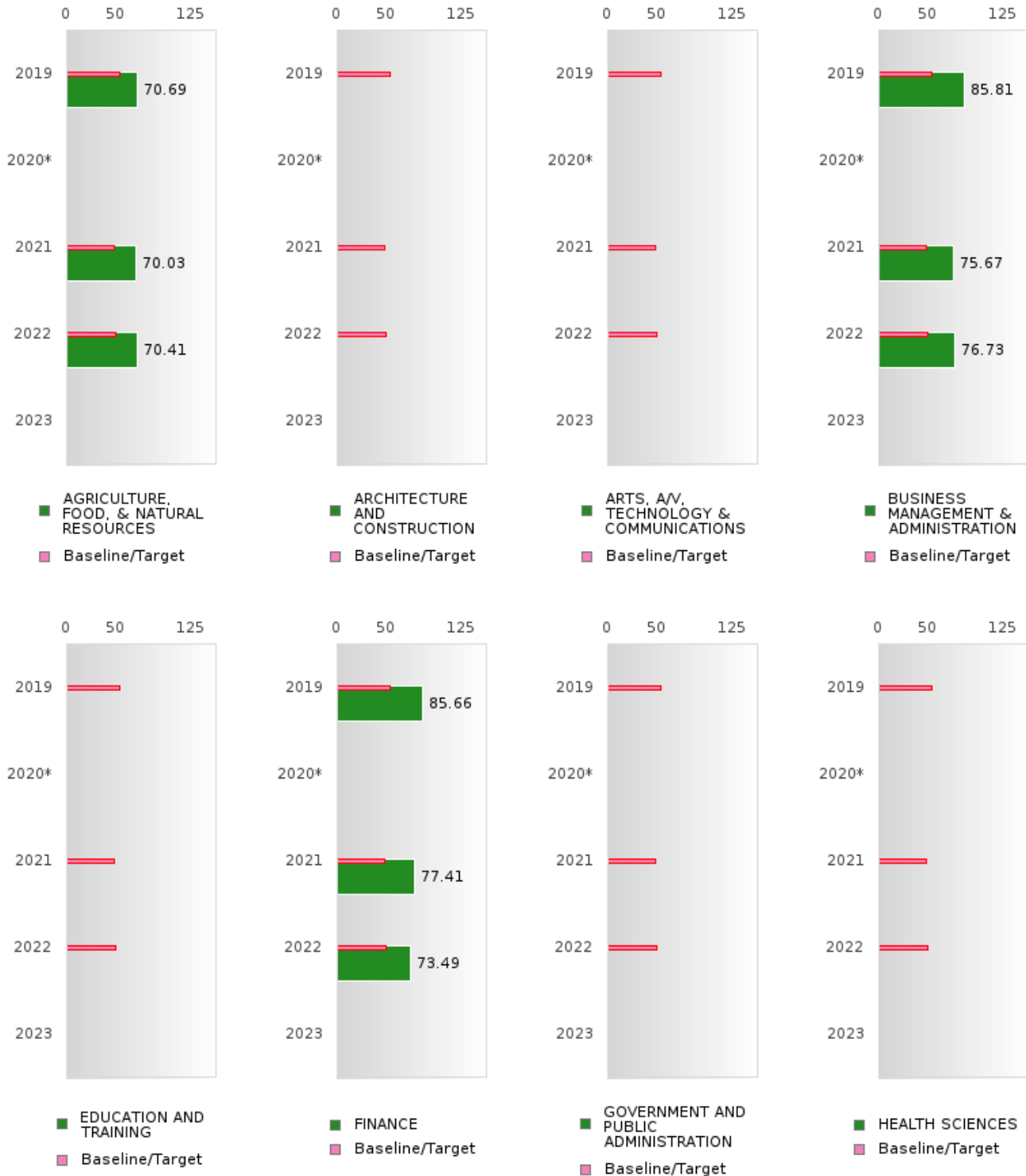Baseline/Target
- 2021: 75.78
- 2022: 73.49

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN SCIENCE BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES
- 2019: 79.69
- 2021: 73.12
- 2022: 74.38

ARCHITECTURE AND CONSTRUCTION

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS

BUSINESS MANAGEMENT & ADMINISTRATION
- 2019: 87.67
- 2021: 83.16
- 2022: 80.65

EDUCATION AND TRAINING

FINANCE
- 2019: 87.62
- 2021: 84.55
- 2022: 78.66
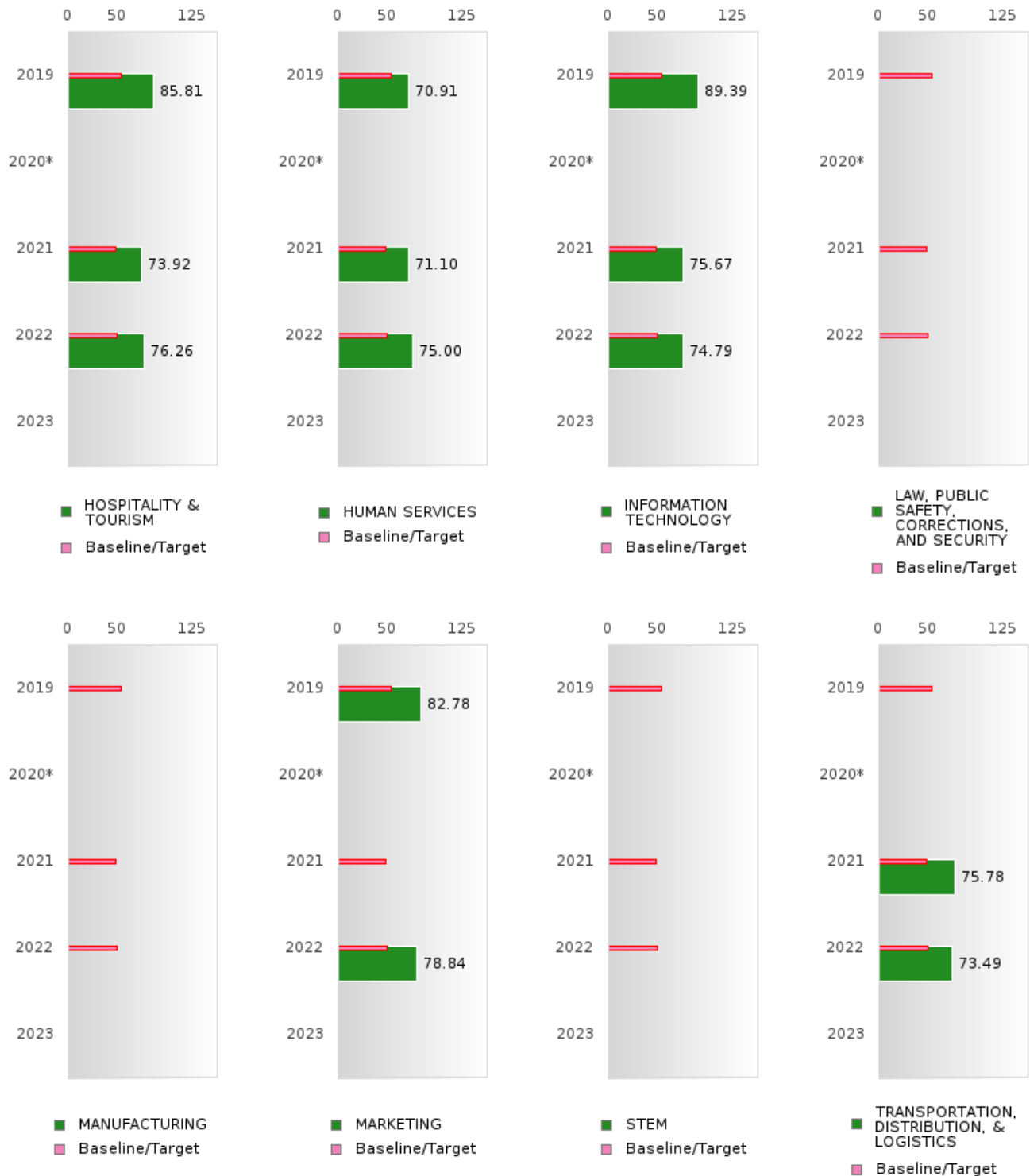
GOVERNMENT AND PUBLIC ADMINISTRATION

HEALTH SCIENCES

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN SCIENCE BY CLUSTER

HOSPITALITY & TOURISM
Baseline/Target

- 2019: 87.67
- 2021: 80.21
- 2022: 80.11

HUMAN SERVICES
Baseline/Target

- 2019: 85.32
- 2021: 76.59
- 2022: 80.59

INFORMATION TECHNOLOGY
Baseline/Target

- 2019: 90.43
- 2021: 84.30
- 2022: 79.71

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
Baseline/Target

MANUFACTURING
Baseline/Target

MARKETING
Baseline/Target

- 2019: 83.78
- 2022: 80.41

STEM
Baseline/Target

TRANSPORTATION, DISTRIBUTION, & LOGISTICS
Baseline/Target

- 2021: 82.71
- 2022: 78.66

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE TABLE BY READING LANGUAGE ARTS AND CLUSTER

RACE	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
READING LANGUAGE ARTS															
AGRICULTURE, FOOD, & NATURAL RESOURCES	73.40	37	52.78			53.03	67.86	56	48.45	66.51	55	48.7			48.95
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
BUSINESS MANAGEMENT & ADMINISTRATION	84.09	25	52.78			53.03	84.29	33	48.45	71.96	39	48.7			48.95
EDUCATION AND TRAINING	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
FINANCE	85.35	22	52.78			53.03	87.18	29	48.45	70.09	35	48.7			48.95
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
HEALTH SCIENCES	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
HOSPITALITY & TOURISM	84.09	25	52.78			53.03	81.80	36	48.45	71.29	47	48.7			48.95
HUMAN SERVICES	77.93	32	52.78			53.03	70.69	26	48.45	72.35	30	48.7			48.95
INFORMATION TECHNOLOGY	83.08	38	52.78			53.03	84.67	33	48.45	71.78	37	48.7			48.95
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
MANUFACTURING	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
MARKETING	86.90	10	52.78			53.03	N < 10	< 10	48.45	73.39	12	48.7			48.95
STEM	N < 10	< 10	52.78			53.03	N < 10	< 10	48.45	N < 10	< 10	48.7			48.95
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10	52.78			53.03	85.24	30	48.45	70.09	35	48.7			48.95

N: Number of Concentrators with Test Scores Included in the Score
*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE TABLE BY MATHEMATICS AND CLUSTER

RACE	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
MATHEMATICS															
AGRICULTURE, FOOD, & NATURAL RESOURCES	70.69	37	46.45			46.7	70.03	56	42.27	70.41	55	42.52			42.77
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
BUSINESS MANAGEMENT & ADMINISTRATION	85.81	25	46.45			46.7	75.67	33	42.27	76.73	39	42.52			42.77
EDUCATION AND TRAINING	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
FINANCE	85.66	22	46.45			46.7	77.41	29	42.27	73.49	35	42.52			42.77
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
HEALTH SCIENCES	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
HOSPITALITY & TOURISM	85.81	25	46.45			46.7	73.92	36	42.27	76.26	47	42.52			42.77
HUMAN SERVICES	70.91	32	46.45			46.7	71.10	26	42.27	75.00	30	42.52			42.77
INFORMATION TECHNOLOGY	89.39	38	46.45			46.7	75.67	33	42.27	74.79	37	42.52			42.77
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
MANUFACTURING	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
MARKETING	82.78	10	46.45			46.7	N < 10	< 10	42.27	78.84	12	42.52			42.77
STEM	N < 10	< 10	46.45			46.7	N < 10	< 10	42.27	N < 10	< 10	42.52			42.77
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10	46.45			46.7	75.78	30	42.27	73.49	35	42.52			42.77

N: Number of Concentrators with Test Scores Included in the Score
*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE TABLE BY SCIENCE AND CLUSTER

RACE	2019			2020*			2021			2022			2023		
	Score	N	Baseline	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
SCIENCE															
AGRICULTURE, FOOD, & NATURAL RESOURCES	79.69	39	53.26			53.51	73.12	56	48.4	74.38	55	48.65			48.9
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
BUSINESS MANAGEMENT & ADMINISTRATION	87.67	25	53.26			53.51	83.16	33	48.4	80.65	39	48.65			48.9
EDUCATION AND TRAINING	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
FINANCE	87.62	22	53.26			53.51	84.55	29	48.4	78.66	35	48.65			48.9
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
HEALTH SCIENCES	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
HOSPITALITY & TOURISM	87.67	25	53.26			53.51	80.21	36	48.4	80.11	47	48.65			48.9
HUMAN SERVICES	85.32	32	53.26			53.51	76.59	26	48.4	80.59	30	48.65			48.9
INFORMATION TECHNOLOGY	90.43	38	53.26			53.51	84.30	33	48.4	79.71	37	48.65			48.9
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
MANUFACTURING	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
MARKETING	83.78	10	53.26			53.51	N < 10	< 10	48.4	80.41	12	48.65			48.9
STEM	N < 10	< 10	53.26			53.51	N < 10	< 10	48.4	N < 10	< 10	48.65			48.9
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10	53.26			53.51	82.71	30	48.4	78.66	35	48.65			48.9

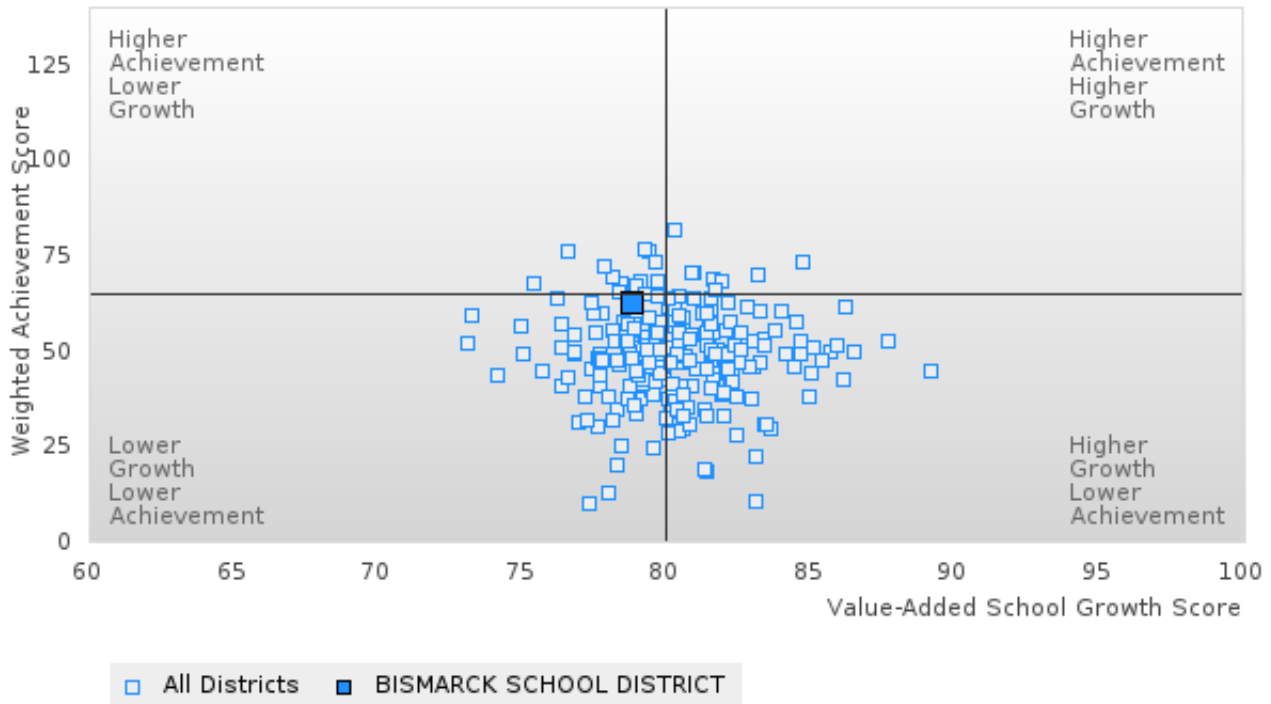N: Number of Concentrators with Test Scores Included in the Score
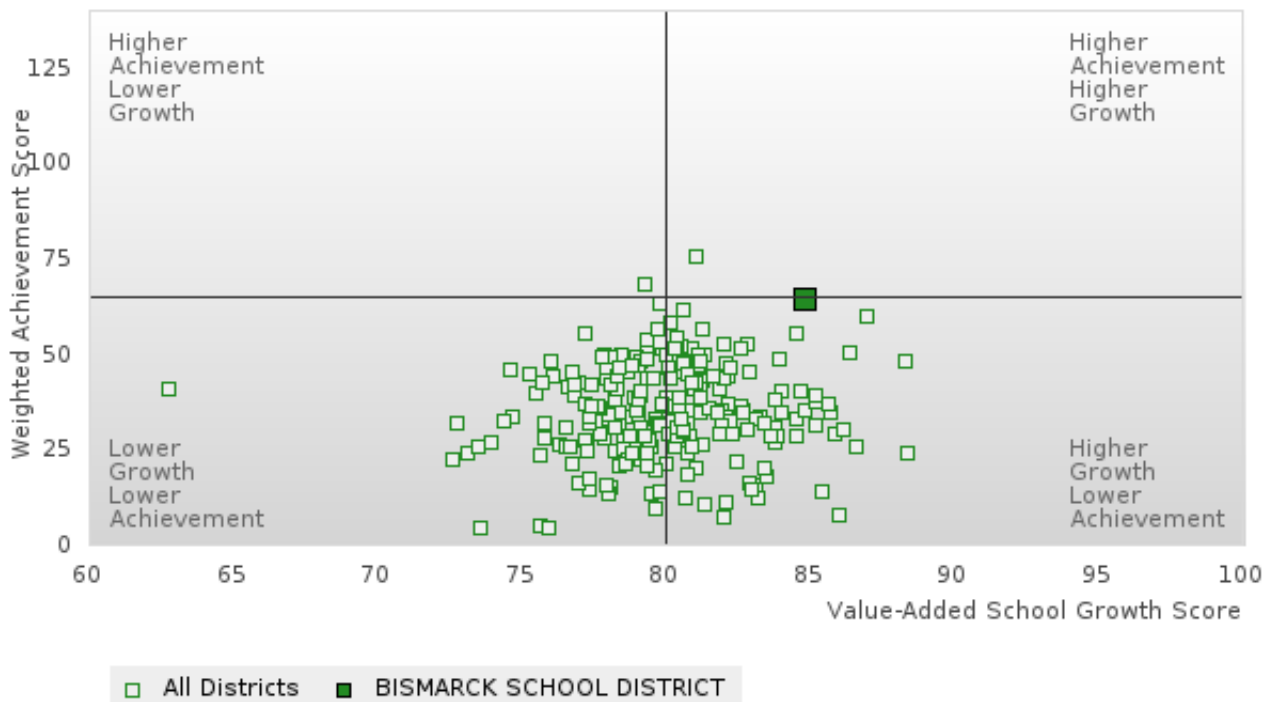*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

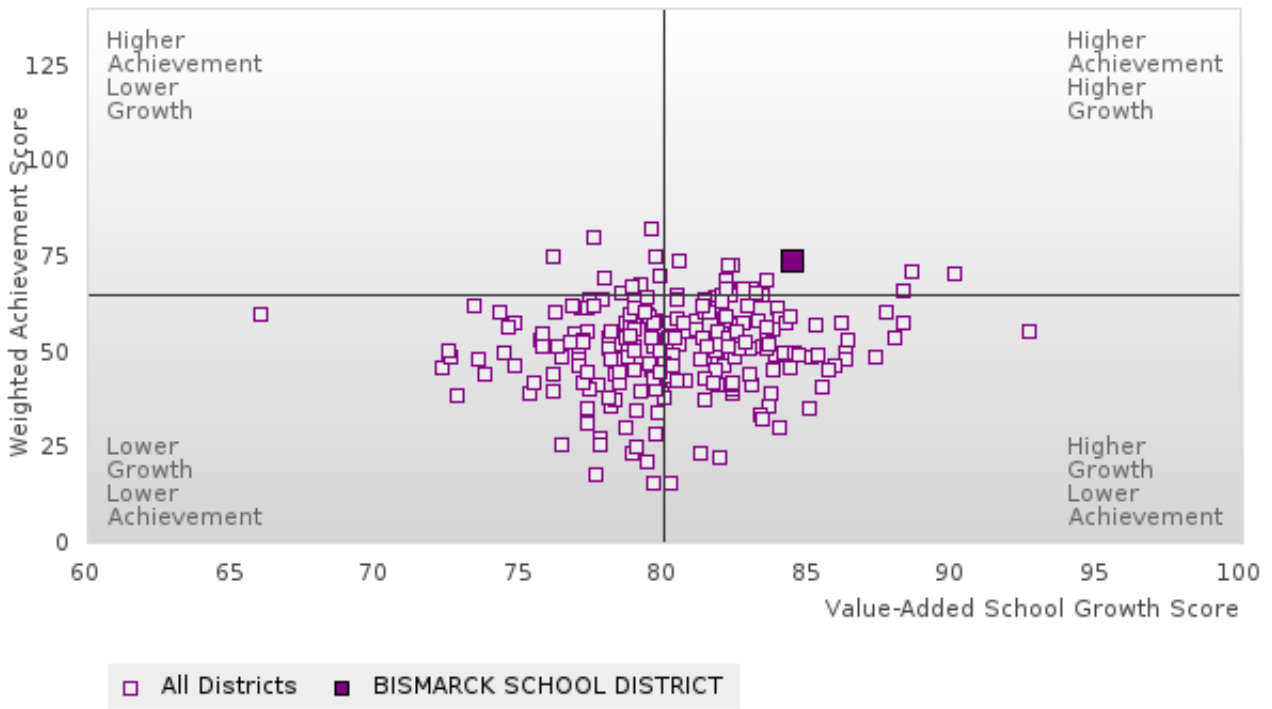### SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH FOR READING LANGUAGE ARTS

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH FOR MATHEMATICS

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS
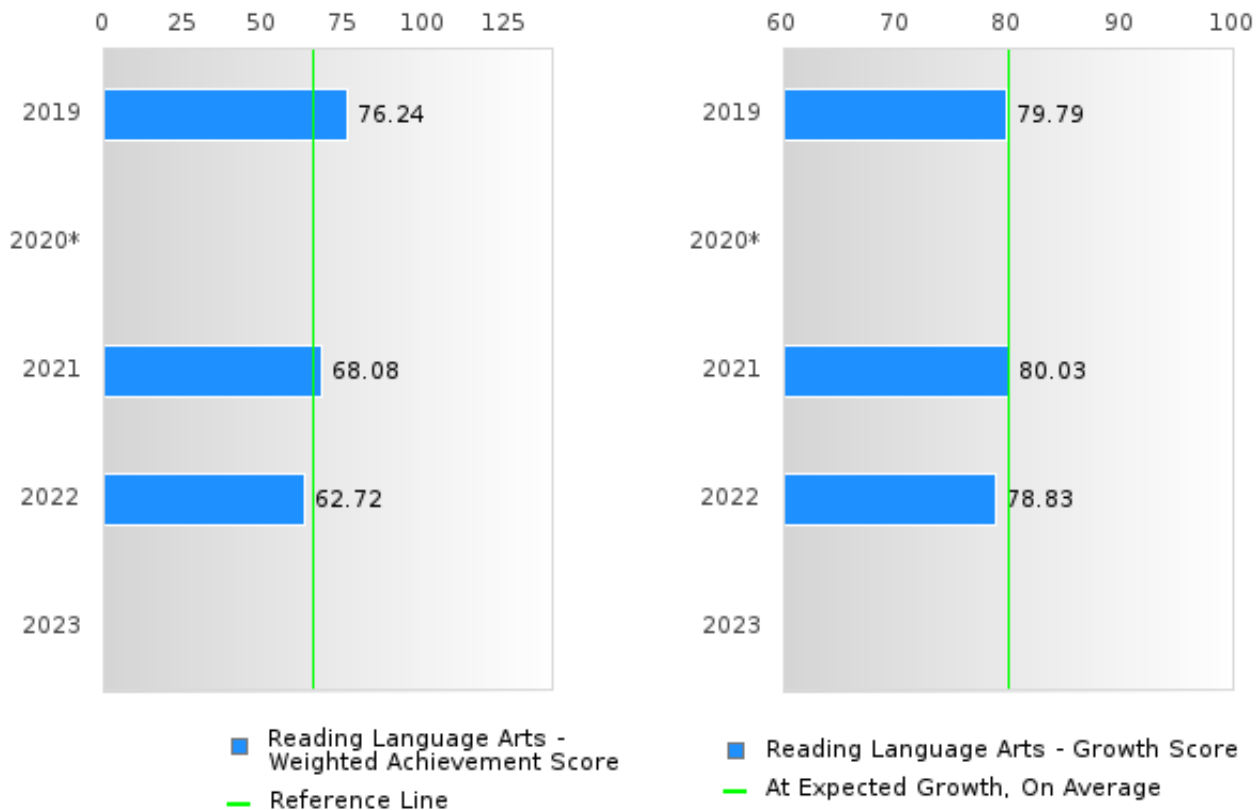
BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH FOR SCIENCE

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

BREAKDOWN OF ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS: WEIGHTED ACHIEVEMENT AND VALUE-ADDED GROWTH

YEAR	WEIGHTED ACHIEVEMENT SCORE	N	VALUE-ADDED GROWTH SCORE	N
2019	76.24	101	79.79	26
2020*				
2021	68.08	112	80.03	23
2022	62.72	116	78.83	34
2023				

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

BREAKDOWN OF ACADEMIC PROFICIENCY SCORE IN MATHEMATICS: WEIGHTED ACHIEVEMENT AND VALUE-ADDED GROWTH

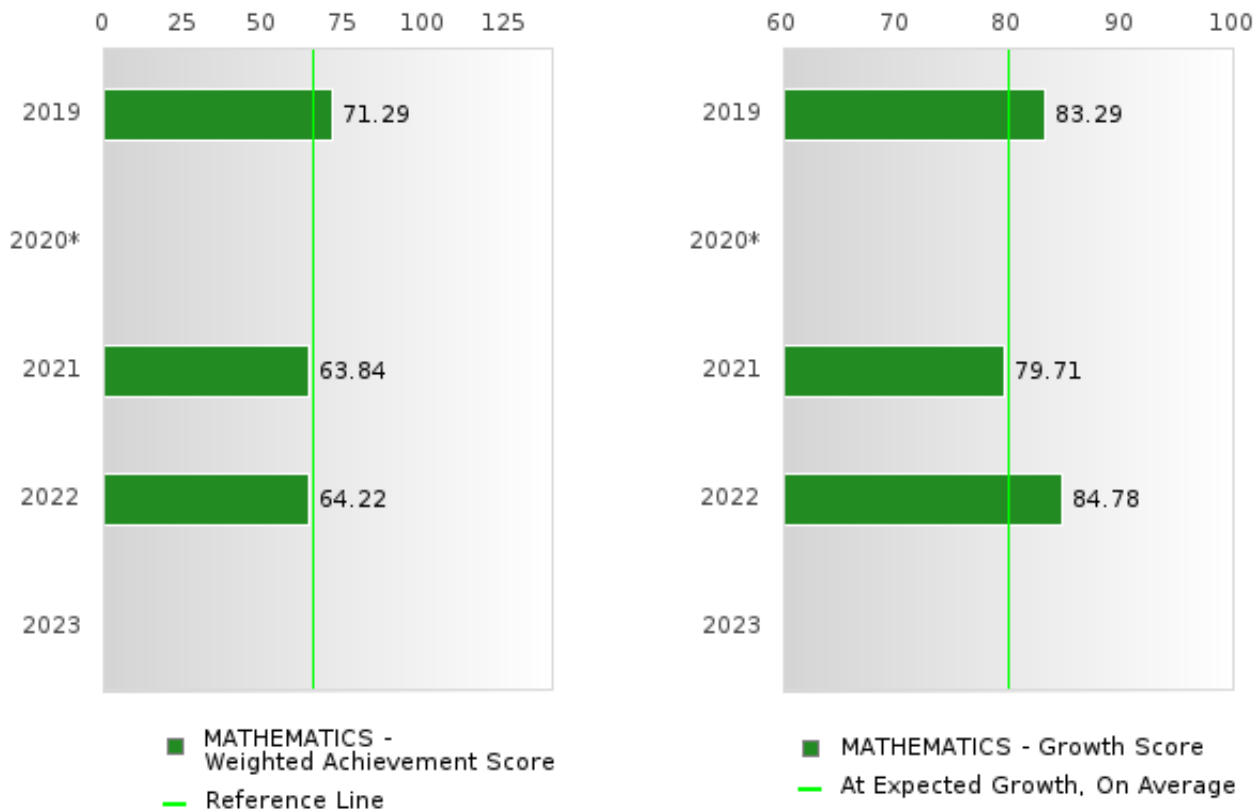| YEAR	WEIGHTED ACHIEVEMENT SCORE	N	VALUE-ADDED GROWTH SCORE	N
2019	71.29	101	83.29	26
2020*				
2021	63.84	112	79.71	23
2022	64.22	116	84.78	34
2023				

N: Number of Concentrators Included in Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

BREAKDOWN OF ACADEMIC PROFICIENCY SCORE IN SCIENCE: WEIGHTED ACHIEVEMENT AND VALUE-ADDED GROWTH

YEAR	WEIGHTED ACHIEVEMENT SCORE	N	VALUE-ADDED GROWTH SCORE	N
2019	88.35	103	81.24	26
2020*				
2021	72.99	112	81.80	23
2022	73.71	116	84.44	34
2023				

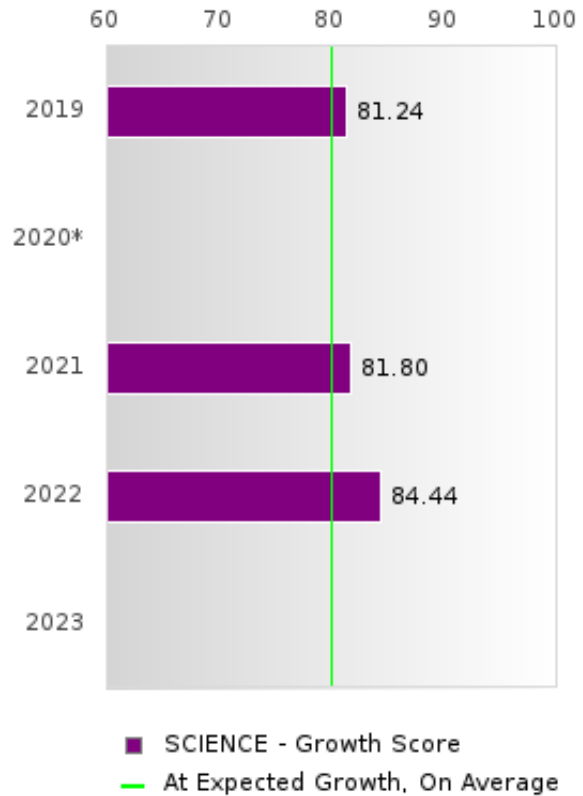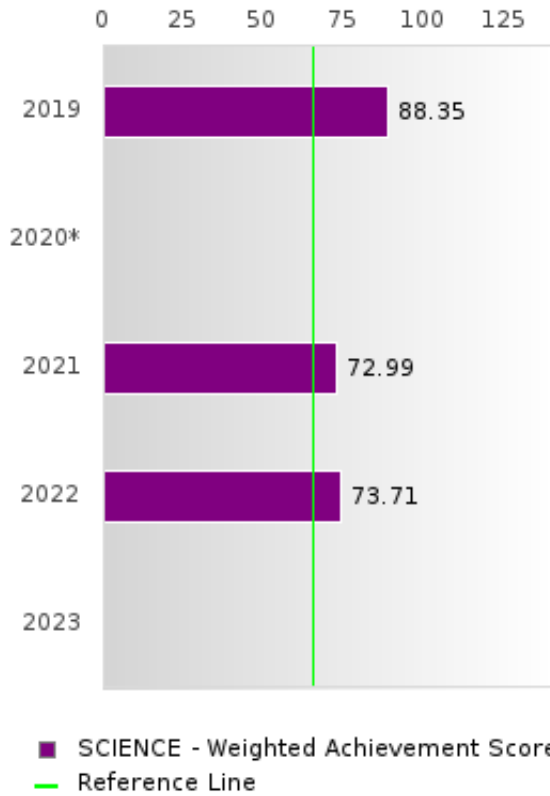N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR READING LANGUAGE ARTS BY RACE/ETHNICITY
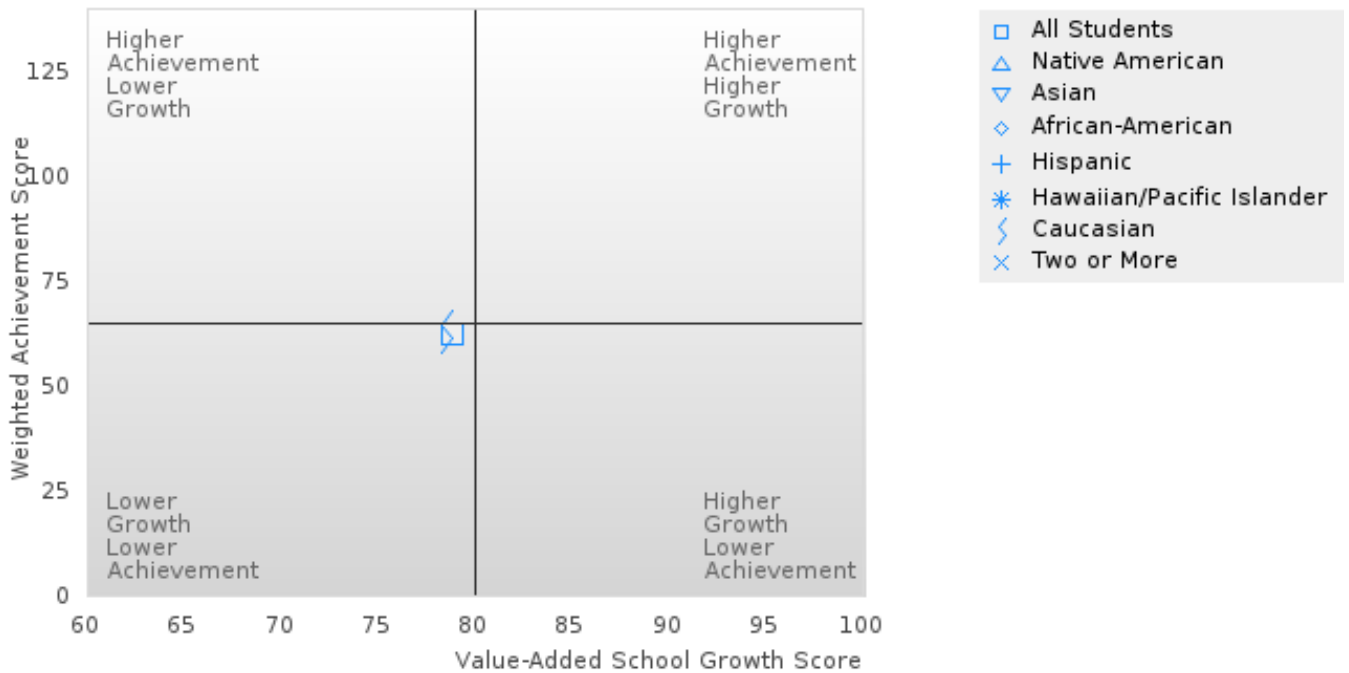
SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR MATHEMATICS BY RACE/ETHNICITY

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR SCIENCE BY RACE/ETHNICITY

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

WEIGHTED ACHIEVEMENT BY SUBJECT BY RACE/ETHNICITY

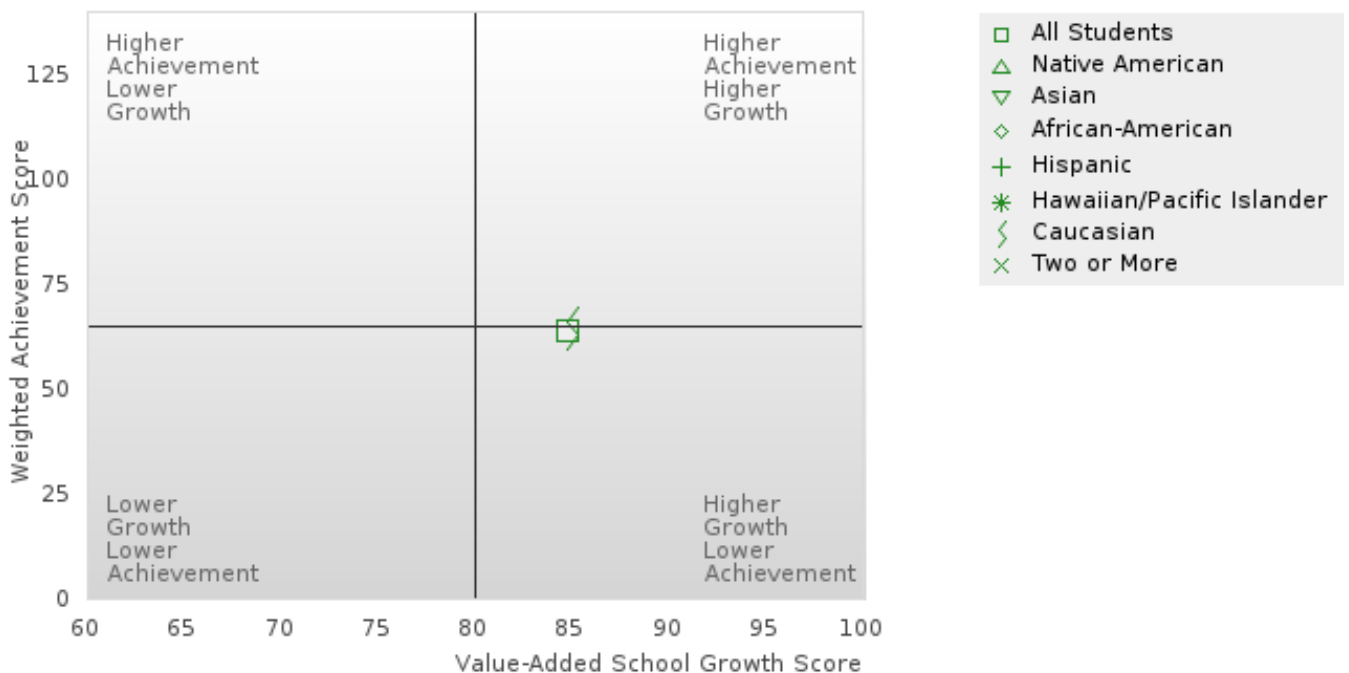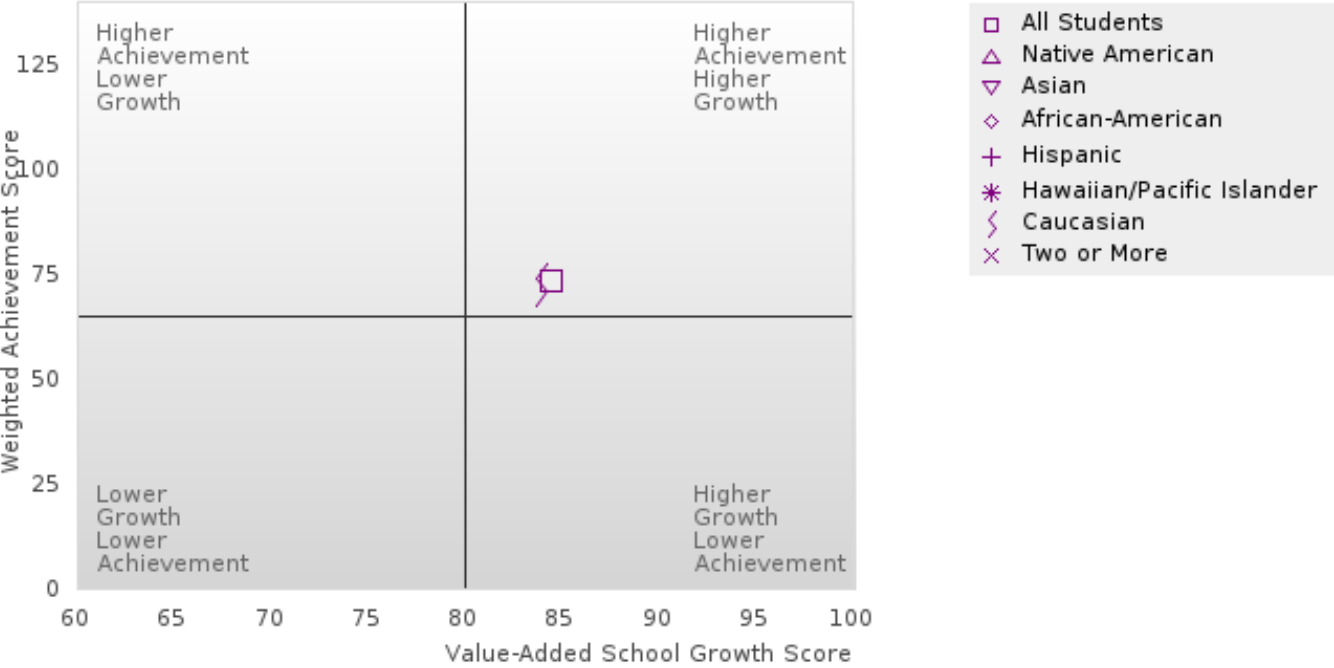| RACE	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
All Students	76.24	101			68.08	112	62.72	116		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	77.22	90			66.09	101	62.86	105		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MATHEMATICS										
All Students	71.29	101			63.84	112	64.22	116		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	72.50	90			64.36	101	64.29	105		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		
SCIENCE										
All Students	88.35	103			72.99	112	73.71	116		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	87.77	92			71.78	101	72.38	105		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

VALUE-ADDED GROWTH BY SUBJECT BY RACE/ETHNICITY

RACE	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
All Students	79.79	26			80.03	23	78.83	34		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	79.30	24			79.88	20	78.50	31		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MATHEMATICS										
All Students	83.29	26			79.71	23	84.78	34		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	83.23	24			79.70	20	84.96	31		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		
SCIENCE										
All Students	81.24	26			81.80	23	84.44	34		
Native American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Asian	N < 10	< 10			N < 10	< 10	N < 10	< 10		
African-American	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hispanic	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Hawaiian/Pacific Islander	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Caucasian	81.54	24			80.35	20	83.89	31		
Two or More	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR READING LANGUAGE ARTS BY SPECIAL POPULATION
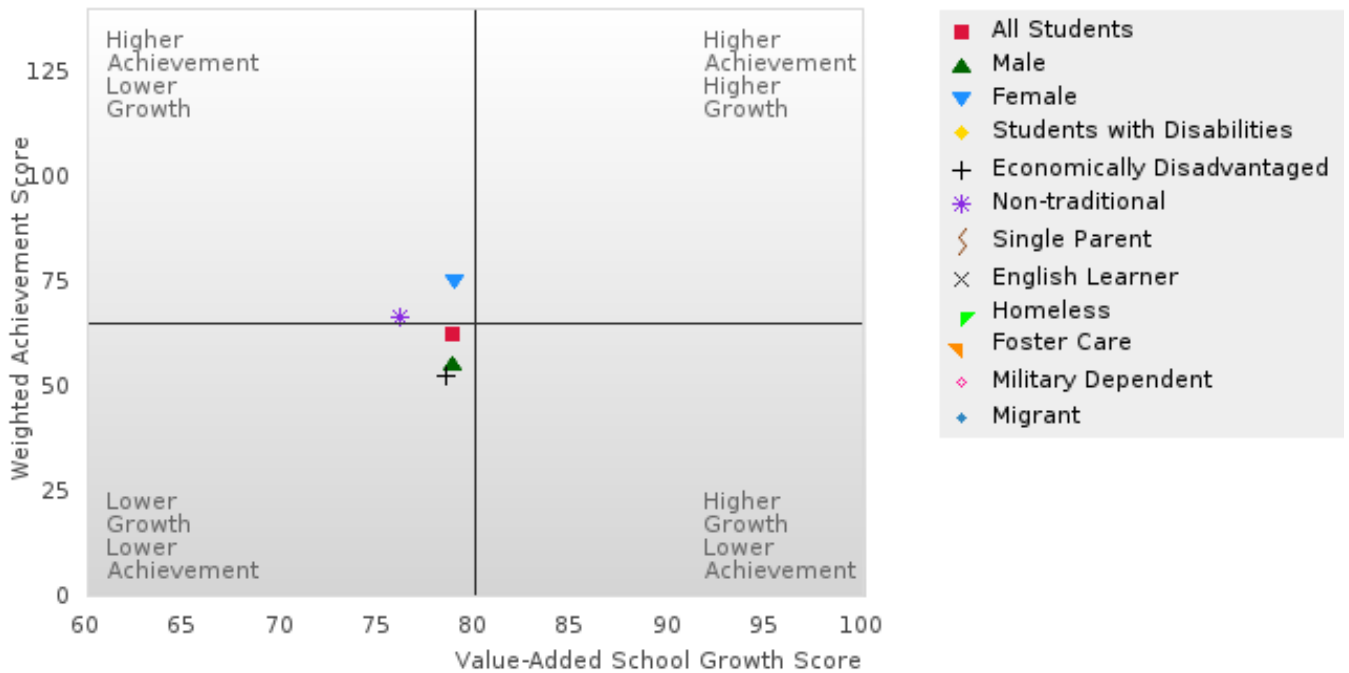
SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR MATHEMATICS BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR SCIENCE BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

WEIGHTED ACHIEVEMENT BY SUBJECT BY SPECIAL POPULATION

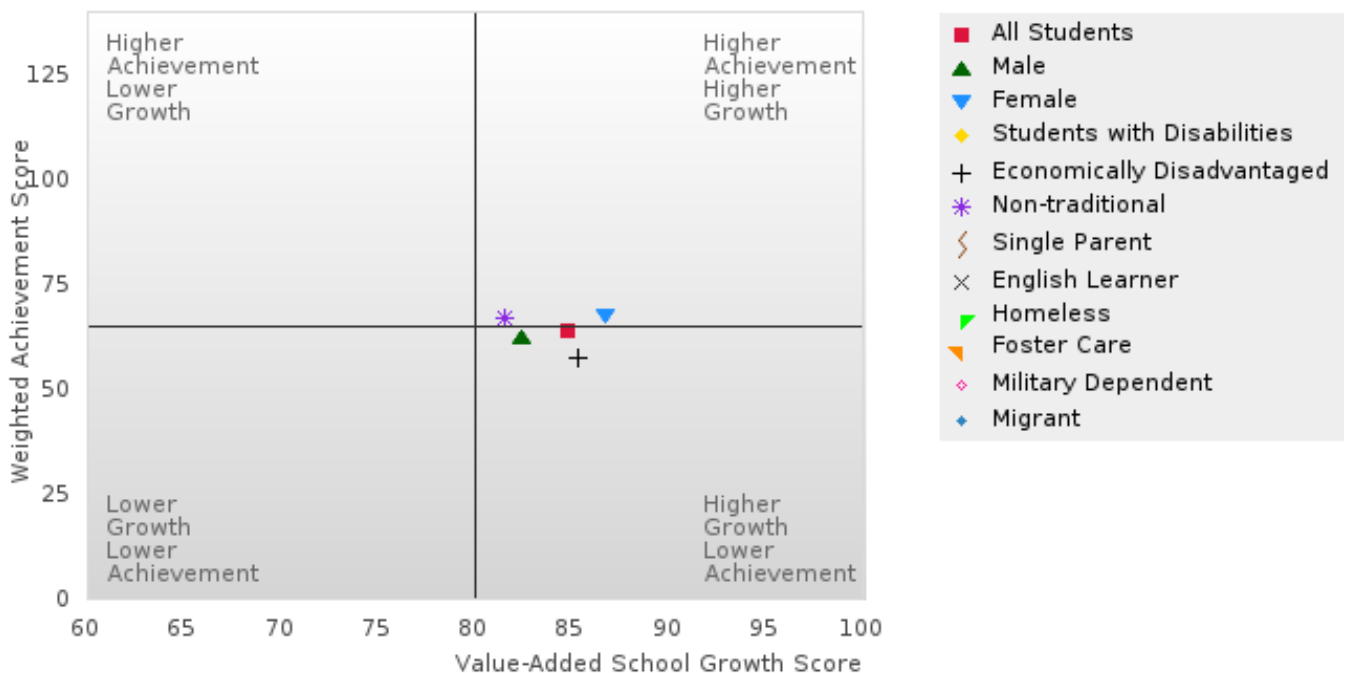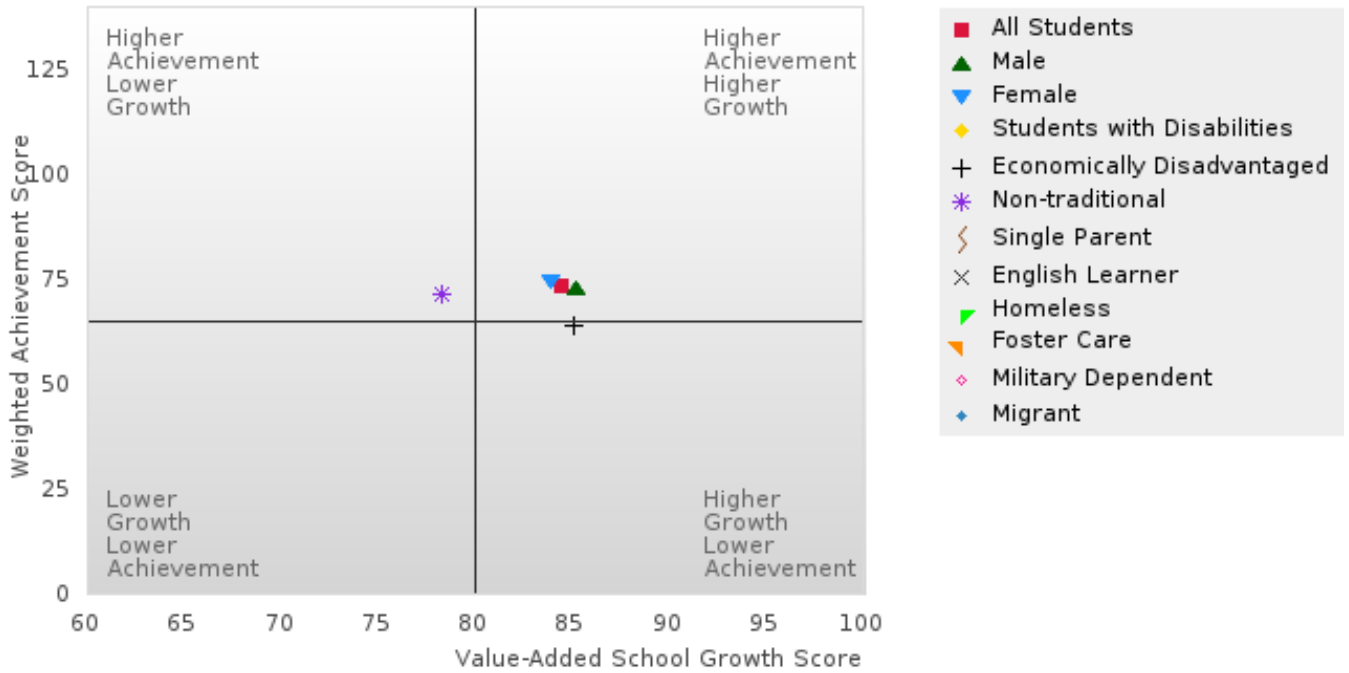| SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
All Students	76.24	101			68.08	112	62.72	116		
Male	62.00	50			58.21	67	55.47	64		
Female	90.20	51			83.89	45	75.00	52		
Students with Disabilities	33.33	12			26.67	15	21.88	16		
Economically Disadvantaged	64.81	54			69.90	49	52.50	60		
Non-traditional	108.70	23			84.87	38	66.51	53		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MATHEMATICS										
All Students	71.29	101			63.84	112	64.22	116		
Male	70.00	50			60.45	67	62.50	64		
Female	72.55	51			71.67	45	67.31	52		
Students with Disabilities	16.67	12			16.67	15	15.63	16		
Economically Disadvantaged	65.74	54			65.82	49	57.50	60		
Non-traditional	105.43	23			69.08	38	66.98	53		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		
SCIENCE										
All Students	88.35	103			72.99	112	73.71	116		
Male	77.94	51			67.16	67	73.05	64		
Female	98.56	52			81.67	45	74.52	52		
Students with Disabilities	42.86	14			13.33	15	25.00	16		
Economically Disadvantaged	82.14	56			65.82	49	64.17	60		
Non-traditional	116.67	24			81.58	38	71.70	53		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY IN VALUE-ADDED GROWTH BY SPECIAL POPULATION

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
All Students	79.79	26			80.03	23	78.83	34		
Male	79.67	15			77.80	13	78.76	15		
Female	79.95	11			82.93	10	78.88	19		
Students with Disabilities	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Economically Disadvantaged	80.05	19			83.51	12	78.44	21		
Non-traditional	N < 10	< 10			N < 10	< 10	76.13	10		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MATHEMATICS										
All Students	83.29	26			79.71	23	84.78	34		
Male	82.55	15			79.44	13	82.33	15		
Female	84.30	11			80.06	10	86.72	19		
Students with Disabilities	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Economically Disadvantaged	82.23	19			82.78	12	85.25	21		
Non-traditional	N < 10	< 10			N < 10	< 10	81.52	10		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		
SCIENCE										
All Students	81.24	26			81.80	23	84.44	34		
Male	80.13	15			78.93	13	85.21	15		
Female	82.76	11			85.54	10	83.84	19		
Students with Disabilities	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Economically Disadvantaged	81.59	19			82.71	12	85.10	21		
Non-traditional	N < 10	< 10			N < 10	< 10	78.22	10		
Single Parent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
English Learner	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Homeless	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Foster Care	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Military Dependent	N < 10	< 10			N < 10	< 10	N < 10	< 10		
Migrant	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR READING LANGUAGE ARTS BY CLUSTER

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR MATHEMATICS BY CLUSTER

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

SCATTERPLOT OF WEIGHTED ACHIEVEMENT & VALUE-ADDED GROWTH SCORES FOR SCIENCE BY CLUSTER
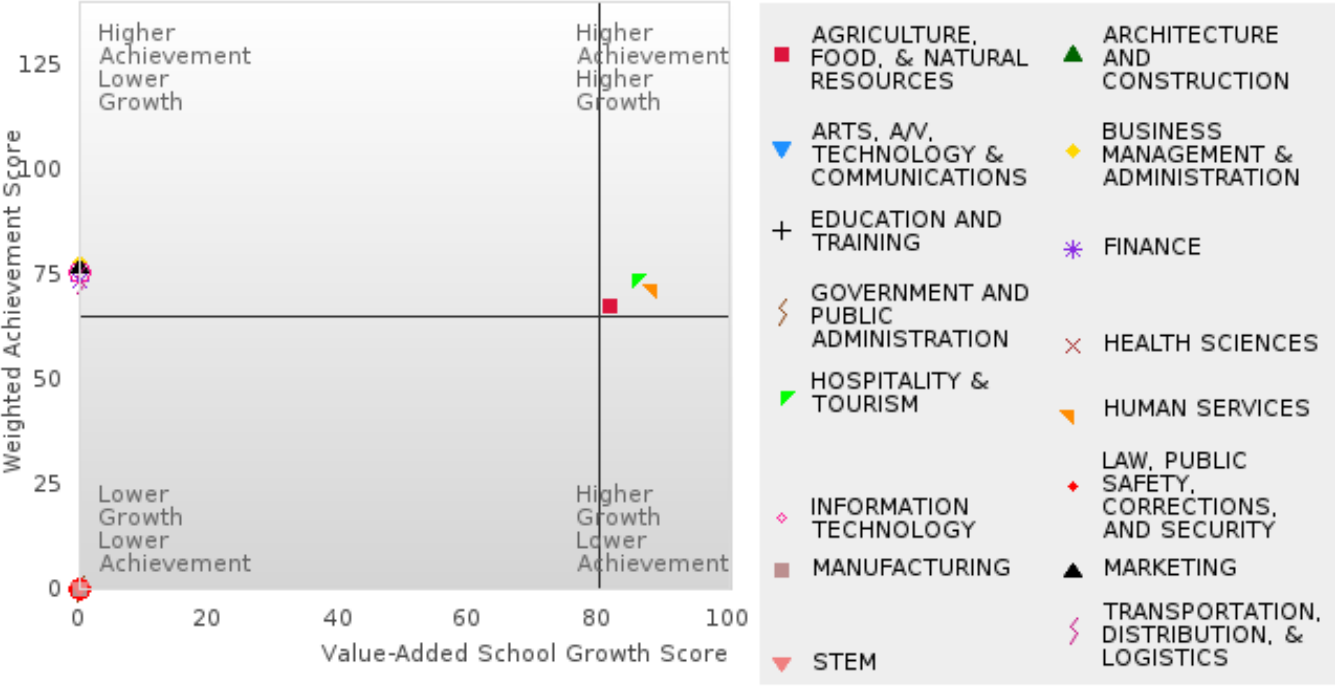
2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

WEIGHTED ACHIEVEMENT FOR READING LANGUAGE ARTS BY CLUSTER

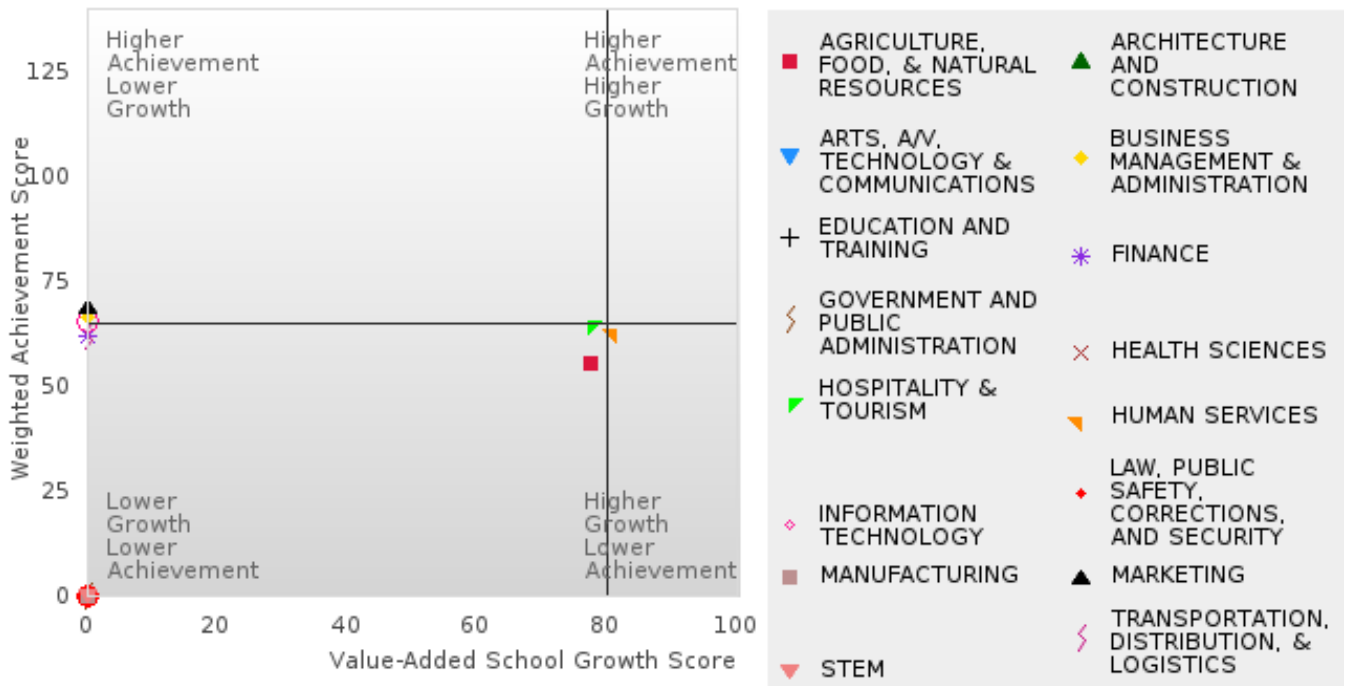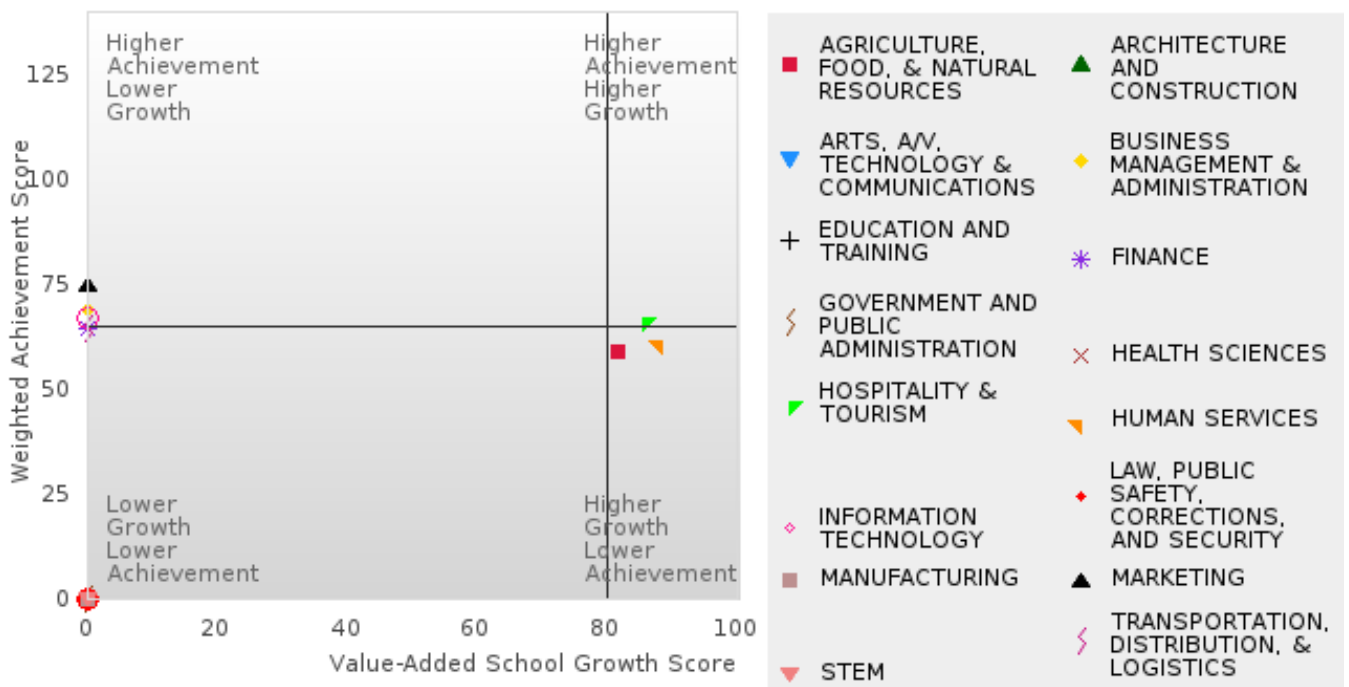| SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
AGRICULTURE, FOOD, & NATURAL RESOURCES	67.57	37			58.93	56	55.45	55		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	87.00	25			85.61	33	66.67	39		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	92.05	22			91.38	29	62.14	35		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	87.00	25			81.25	36	65.43	47		
HUMAN SERVICES	74.22	32			59.62	26	63.33	30		
INFORMATION TECHNOLOGY	85.53	38			86.36	33	65.54	37		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	82.50	10			N < 10	< 10	68.75	12		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			87.50	30	62.14	35		

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

WEIGHTED ACHIEVEMENT FOR MATHEMATICS BY CLUSTER

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
MATHEMATICS										
AGRICULTURE, FOOD, & NATURAL RESOURCES	60.81	37			59.82	56	59.09	55		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	94.00	25			68.94	33	69.23	39		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	93.18	22			72.41	29	64.29	35		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	94.00	25			67.36	36	67.02	47		
HUMAN SERVICES	54.69	32			66.35	26	61.67	30		
INFORMATION TECHNOLOGY	95.39	38			68.94	33	66.89	37		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	90.00	10			N < 10	< 10	75.00	12		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			69.17	30	64.29	35		

N: Number of Concentrators Included in Score

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

WEIGHTED ACHIEVEMENT FOR SCIENCE BY CLUSTER

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
SCIENCE										
AGRICULTURE, FOOD, & NATURAL RESOURCES	80.13	39			64.29	56	67.27	55		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	98.00	25			82.58	33	78.21	39		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	95.45	22			85.34	29	73.57	35		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	98.00	25			76.39	36	75.00	47		
HUMAN SERVICES	85.94	32			71.15	26	72.50	30		
INFORMATION TECHNOLOGY	101.32	38			84.85	33	75.68	37		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	100.00	10			N < 10	< 10	77.08	12		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			81.67	30	73.57	35		

N: Number of Concentrators Included in Score

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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY IN VALUE-ADDED GROWTH SCORE FOR READING LANGUAGE ARTS BY CLUSTER

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
READING LANGUAGE ARTS										
AGRICULTURE, FOOD, & NATURAL RESOURCES	79.22	13			76.79	10	77.56	16		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	N < 10	< 10			N < 10	< 10	N < 10	< 10		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	N < 10	< 10			N < 10	< 10	77.16	10		
HUMAN SERVICES	N < 10	< 10			N < 10	< 10	81.38	12		
INFORMATION TECHNOLOGY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score
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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY IN VALUE-ADDED GROWTH SCORE FOR MATHEMATICS BY CLUSTER

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
MATHEMATICS										
AGRICULTURE, FOOD, & NATURAL RESOURCES	80.57	13			80.25	10	81.72	16		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	N < 10	< 10			N < 10	< 10	N < 10	< 10		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	N < 10	< 10			N < 10	< 10	85.51	10		
HUMAN SERVICES	N < 10	< 10			N < 10	< 10	88.33	12		
INFORMATION TECHNOLOGY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score
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2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY IN VALUE-ADDED GROWTH SCORE FOR SCIENCE BY CLUSTER

SUBGROUP	2019		2020*		2021		2022		2023	
	Score	N	Score	N	Score	N	Score	N	Score	N
SCIENCE										
AGRICULTURE, FOOD, & NATURAL RESOURCES	79.24	13			81.96	10	81.49	16		
ARCHITECTURE AND CONSTRUCTION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS	N < 10	< 10			N < 10	< 10	N < 10	< 10		
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
EDUCATION AND TRAINING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
FINANCE	N < 10	< 10			N < 10	< 10	N < 10	< 10		
GOVERNMENT AND PUBLIC ADMINISTRATION	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HEALTH SCIENCES	N < 10	< 10			N < 10	< 10	N < 10	< 10		
HOSPITALITY & TOURISM	N < 10	< 10			N < 10	< 10	85.22	10		
HUMAN SERVICES	N < 10	< 10			N < 10	< 10	88.69	12		
INFORMATION TECHNOLOGY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MANUFACTURING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
MARKETING	N < 10	< 10			N < 10	< 10	N < 10	< 10		
STEM	N < 10	< 10			N < 10	< 10	N < 10	< 10		
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10			N < 10	< 10	N < 10	< 10		

N: Number of Concentrators Included in Score

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POSTSECONDARY PLACEMENT [3S1]

BISMARCK SCHOOL DISTRICT

Postsecondary Placement is a lagging Performance Measure. Students included in the 2022 report are from the 2021 school year. This measure assesses the number of CTE concentrators who--in the second quarter after leaving secondary education--are in postsecondary education, advanced training, military service, or a service program that receives assistance under title I of the National and Community Service Act of 1990 (42 U.S.C. 12511 et seq.), are volunteers as described in section 5(a) of the Peace Corps Act (22 U.S.C. 2504(a)), or are employed.

The 2022 data reported include the Grade 12 2021 CTE concentrators who exited high school (graduated or withdrew during the 2020-21 school year).

$$Post\text{-}secondary\ Placement = \frac{\begin{array}{c} Number\ of\ CTE\ Concentrators\ in\ the\ denominator\ who\ were \\ enrolled\ in\ postsecondary\ education, \\ advanced\ training, military\ service,\ a\ service\ program, a\ Peace\ Corp\ volunteer, \\ or\ were\ employed\ -\ in\ the\ second\ quarter\ after\ exiting\ high\ school. \end{array}}{\begin{array}{c} Number\ of\ Grade\ 12\ CTE\ Concentrators\ who\ exited\ high\ school \\ (graduated\ or\ left)\ during\ the\ prior\ school\ year. \end{array}}$$

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION
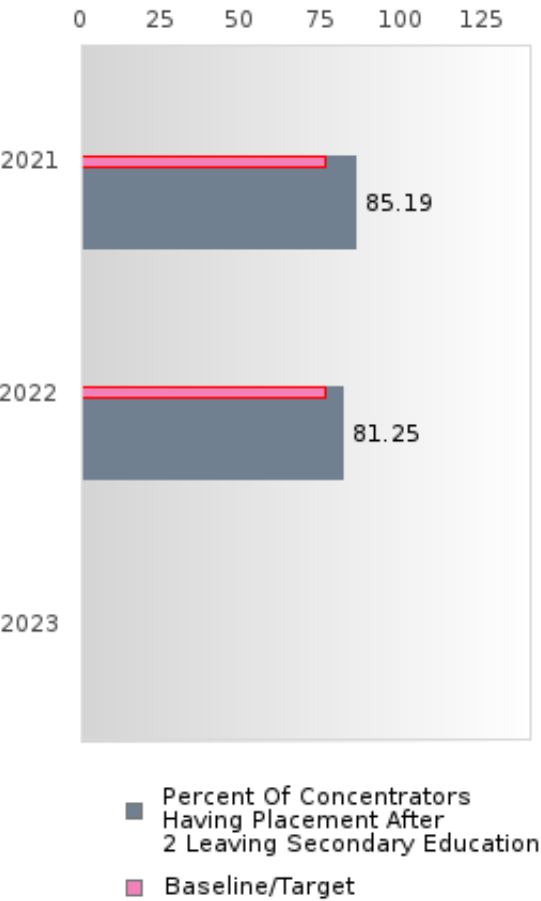
YEAR	SCORE	BASELINE/ TARGET	N
2021	85.19	75.75	RV
2022	81.25	76.25	RV
2023		76.75	

N: Number of Concentrators Who Left Secondary Education.

DISTRIBUTION OF DISTRICT POSTSECONDARY PLACEMENT PERCENT
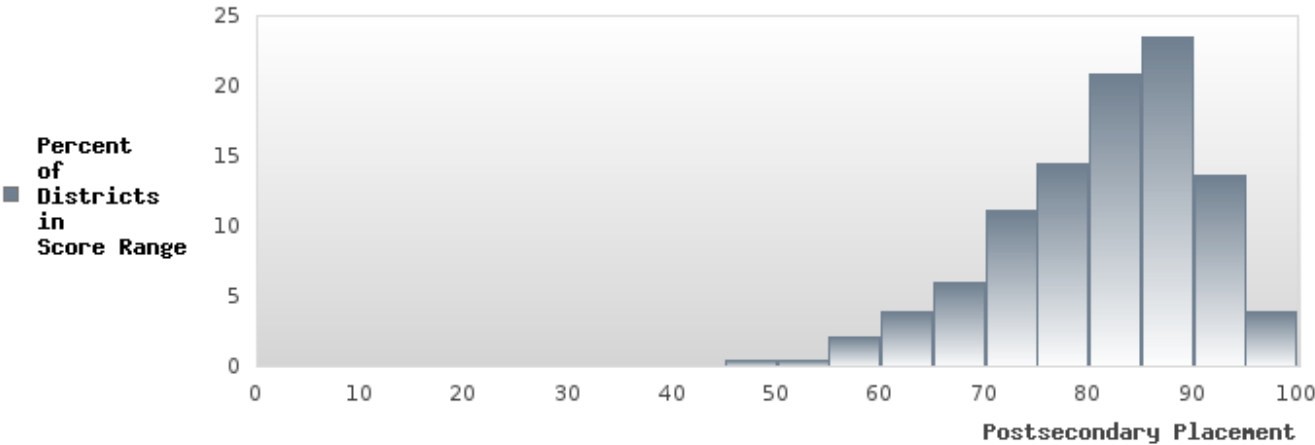
2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY RACE/ETHNICITY

	ALL STUDENTS	NATIVE AMERICAN	ASIAN	AFRICAN-AMERICAN
2021	85.11			
2022	81.25			
2023				

	HISPANIC	HAWAIIAN/PACIFIC ISLANDER	CAUCASIAN	TWO OR MORE
2021			85.11	
2022			78.57	
2023				

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION TABLE BY RACE/ETHNICITY

RACE	2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target
ALL STUDENTS	85.19	RV	75.75	81.25	RV	76.25			76.75
NATIVE AMERICAN	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
ASIAN	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
AFRICAN-AMERICAN			75.75			76.25			76.75
HISPANIC	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
HAWAIIAN/PACIFIC ISLANDER			75.75			76.25			76.75
CAUCASIAN	85.11	RV	75.75	78.57	RV	76.25			76.75
TWO OR MORE			75.75			76.25			76.75

N = Number of Concentrators Who Left Secondary Education.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY SPECIAL POPULATION

	ALL STUDENTS	MALE	FEMALE	STUDENTS WITH DISABILITIES
2021	85	82.14	88.46	
2022	81.25	78.26	85	
2023				

	ECONOMICALLY DISADVANTAGED	NON-TRADITIONAL	ENGLISH LEARNER	HOMELESS
2021	81.25	85		
2022	78.26	84.62		
2023				

Legend: Baseline/Target

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION TABLE BY SPECIAL POPULATION

RACE	2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target
ALL STUDENTS	85.19	RV	75.75	81.25	RV	76.25			76.75
MALE	82.14	RV	75.75	78.57	RV	76.25			76.75
FEMALE	88.46	RV	75.75	85.00	RV	76.25			76.75
STUDENTS WITH DISABILITIES	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
ECONOMICALLY DISADVANTAGED	81.58	RV	75.75	78.26	RV	76.25			76.75
NON-TRADITIONAL	85.71	RV	75.75	84.62	RV	76.25			76.75
ENGLISH LEARNER			75.75			76.25			76.75
HOMELESS	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
FOSTER CARE			75.75			76.25			76.75
MILITARY DEPENDENT	N < 10	< 10	75.75	N < 10	< 10	76.25			76.75
MIGRANT			75.75			76.25			76.75

N = Number of Concentrators Who Left Secondary Education.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES
- Baseline/Target

2021: 72.22
2022: 80

ARCHITECTURE AND CONSTRUCTION
- Baseline/Target

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS
- Baseline/Target

BUSINESS MANAGEMENT & ADMINISTRATION
- Baseline/Target

2021: 90
2022: 84.62

EDUCATION AND TRAINING
- Baseline/Target

FINANCE
- Baseline/Target

2021: 91.3
2022: 81.25

GOVERNMENT AND PUBLIC ADMINISTRATION
- Baseline/Target

HEALTH SCIENCES
- Baseline/Target

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY CLUSTER

HOSPITALITY & TOURISM — 2021: 89.47, 2022: 81.25
Baseline/Target

HUMAN SERVICES — 2021: 90, 2022: 80
Baseline/Target

INFORMATION TECHNOLOGY — 2021: 80, 2022: 85.71
Baseline/Target

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY
Baseline/Target

MANUFACTURING
Baseline/Target

MARKETING — 2021: > 95
Baseline/Target

STEM
Baseline/Target

TRANSPORTATION, DISTRIBUTION, & LOGISTICS — 2022: 83.33
Baseline/Target

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION TABLE BY CLUSTER
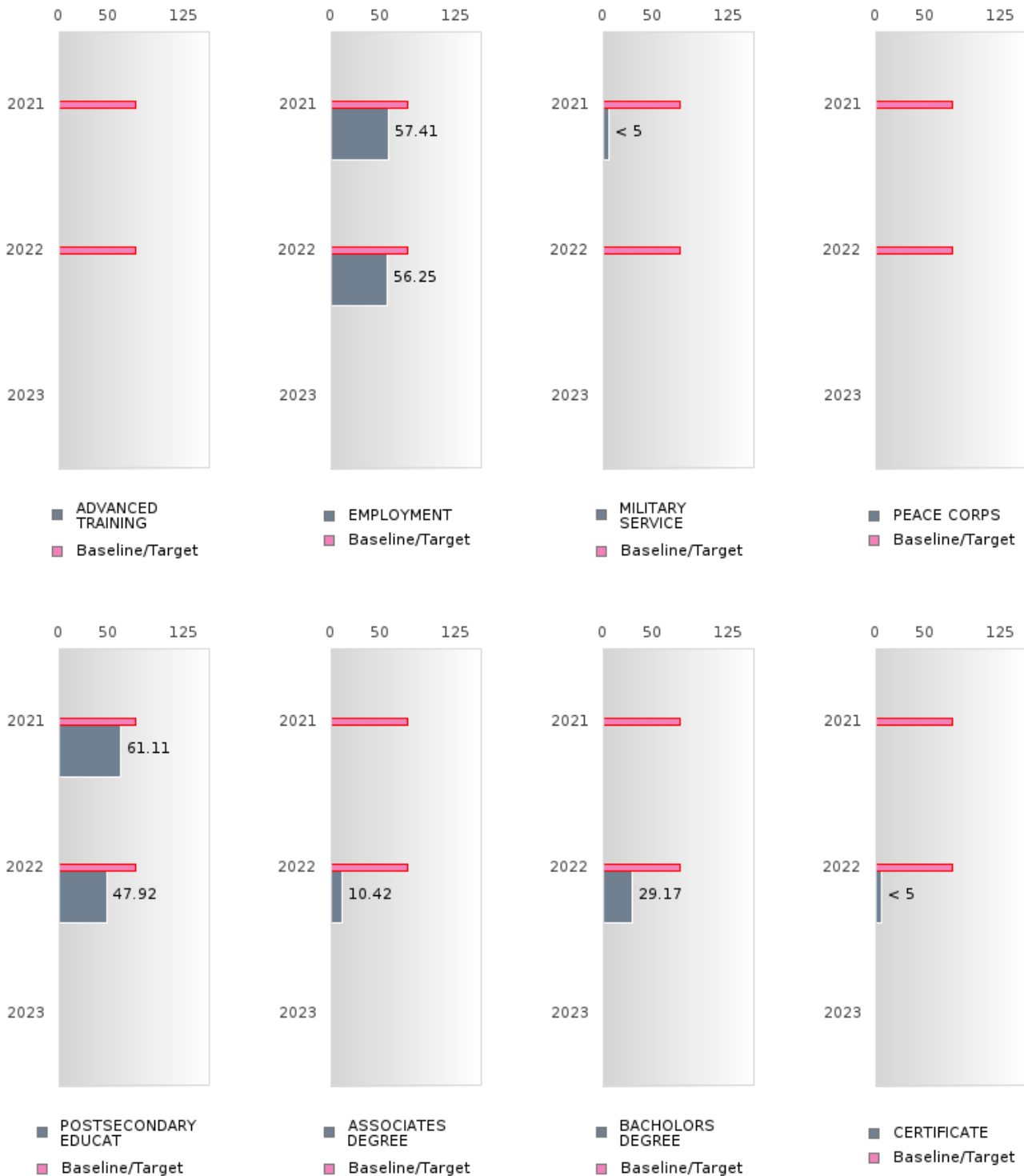
RACE	2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target
AGRICULTURE, FOOD, & NATURAL RESOURCES	72.22	RV	75.75	80.95	RV	76.25			76.75
ARCHITECTURE AND CONSTRUCTION			75.75			76.25			76.75
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS			75.75			76.25			76.75
BUSINESS MANAGEMENT & ADMINISTRATION	90.48	RV	75.75	84.62	RV	76.25			76.75
EDUCATION AND TRAINING			75.75			76.25			76.75
FINANCE	91.30	RV	75.75	81.82	RV	76.25			76.75
GOVERNMENT AND PUBLIC ADMINISTRATION			75.75			76.25			76.75
HEALTH SCIENCES			75.75			76.25			76.75
HOSPITALITY & TOURISM	89.47	RV	75.75	81.25	RV	76.25			76.75
HUMAN SERVICES	90.00	RV	75.75	80.00	RV	76.25			76.75
INFORMATION TECHNOLOGY	80.95	RV	75.75	85.71	RV	76.25			76.75
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY			75.75			76.25			76.75
MANUFACTURING			75.75			76.25			76.75
MARKETING	> 95	RV	75.75	N < 10	< 10	76.25			76.75
STEM			75.75			76.25			76.75
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10	75.75	83.33	RV	76.25			76.75

N = Number of Concentrators Who Left Secondary Education..

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION BY TYPE

ADVANCED TRAINING — Baseline/Target

EMPLOYMENT — Baseline/Target
- 2021: 57.41
- 2022: 56.25

MILITARY SERVICE — Baseline/Target
- 2021: < 5

PEACE CORPS — Baseline/Target

POSTSECONDARY EDUCAT — Baseline/Target
- 2021: 61.11
- 2022: 47.92

ASSOCIATES DEGREE — Baseline/Target
- 2022: 10.42

BACHOLORS DEGREE — Baseline/Target
- 2022: 29.17

CERTIFICATE — Baseline/Target
- 2022: < 5

Data not available for all categories.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION TABLE BY TYPE

RACE	2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target
ADVANCED TRAINING			75.75			76.25			76.75
EMPLOYMENT	57.41	31	75.75	56.25	27	76.25			76.75
MILITARY SERVICE	< 5	RV	75.75			76.25			76.75
PEACE CORPS			75.75			76.25			76.75
POSTSECONDARY EDUCAT	61.11	33	75.75	47.92	23	76.25			76.75
ASSOCIATES DEGREE			75.75	10.42	RV	76.25			76.75
BACHOLORS DEGREE			75.75	29.17	14	76.25			76.75
CERTIFICATE			75.75	< 5	RV	76.25			76.75

N: is the number of concentrators in postsecondary placement numerator.

Data not available for all categories.

NON-TRADITIONAL PROGRAM CONCENTRATION [4S1]

BISMARCK SCHOOL DISTRICT

The term non-traditional fields means occupations or fields of work for which individuals from one gender comprise less than 25 percent of the individuals employed in each such occupation or field of work.

Only concentrators are included in this measure. Concentrators are counted for Grades 9 - 12 for each concentration earned starting in their seventh grade year through the students' grade levels in the year in which this measure is reported.

- Numerator: The number of CTE concentrators from underrepresented gender groups who became a CTE concentrator in a program of study leading to a nontraditional career field.

- Denominator: Number of CTE concentrators who became a CTE concentrator in a CTE program of study leading to a non-traditional field.

- Data are reported for clusters where at least one program of study has a non-traditional gender. Entities may not have data reported for clusters in which they do not offer at least one non-traditional program of study within the cluster.

Definitions for Calculation for Arkansas Data			
	Denominator: Number of Concentrators in Grades 9-12 in a Non-traditional Program of Study	Numerator: Number of Non-traditional Concentrators in Grades 9-12 Earning or Having Earned a Concentration in a Non-traditional Program of Study	Percent of Concentrators in Grades 9-12 Earning or Having Earned a Concentration in a Program of Study Learning to a Non-traditional Field
2019	93,255	27,426	29.4
2020	110,825	34,134	30.8
2021	100,941	32,329	32.0
2022	94,431	30,339	32.1
Example			
	Number of concentrators in any program of study designated a Yes for having a predominant traditional gender. Students with more than one concentration are counted for each concentration that applies	Any concentrator whose gender is non-traditional for the program of study in which they earned the concentration. Students with more than one concentration are counted for each concentration that applies.	Percent of concentrators whose gender is non-traditional for the program of study in which they earned the concentration
	Agribusiness Systems 15 concentrators (10 male + 5 female) Agribusiness Systems traditional gender is male.	5 female concentrators	33.33%

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD
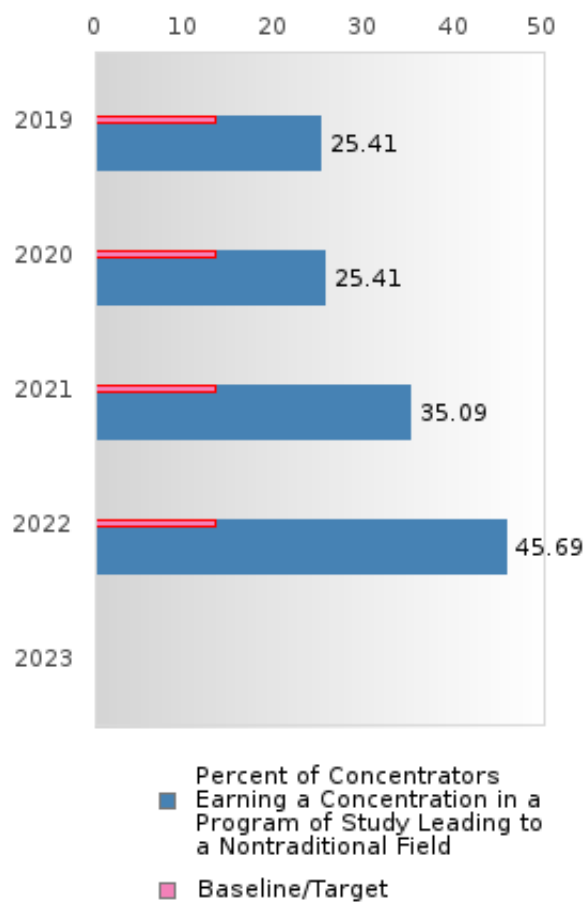
YEAR	SCORE	BASELINE/ TARGET	N
2019	25.00	13.33	100
2020	25.41	13.33	122
2021	35.09	13.33	114
2022	45.69	13.33	116
2023		13.33	

N: Number of Concentrators in a Program of Study Leading to a Nontraditional Field

DISTRIBUTION OF DISTRICT NON-TRADITIONAL PROGRAM PERCENT

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY RACE/ETHNICITY

All Students — Baseline/Target
- 2019: 25.41
- 2020: 25.41
- 2021: 35.58
- 2022: 45.69

Native American — Baseline/Target

Asian — Baseline/Target

African-American — Baseline/Target

Hispanic — Baseline/Target
- 2020: 10

Hawaiian/Pacific Islander — Baseline/Target

Caucasian — Baseline/Target
- 2019: 27.47
- 2020: 26.67
- 2021: 35.58
- 2022: 46.67

Two or More — Baseline/Target

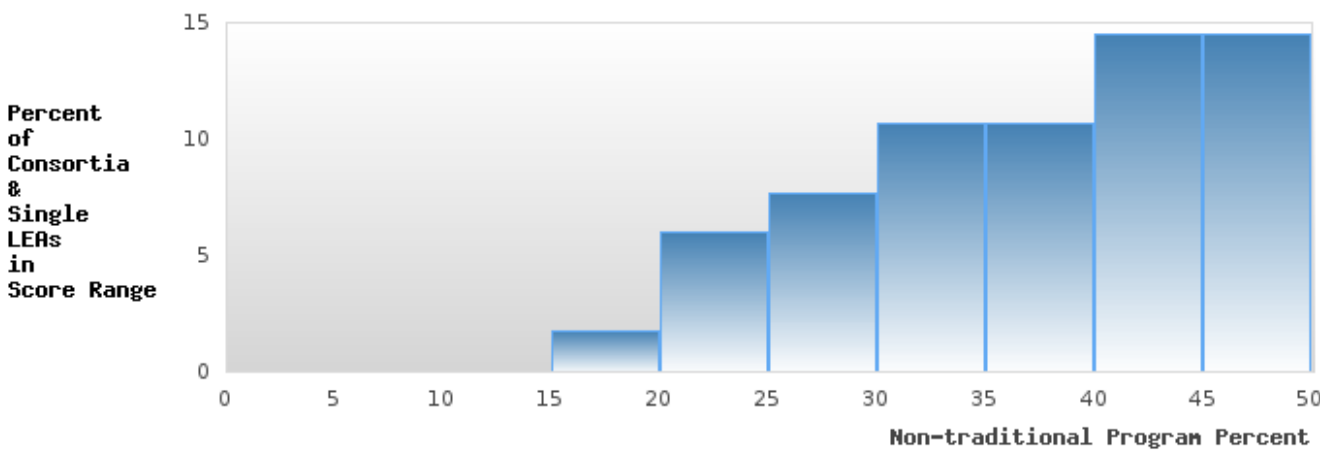# 2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY RACE/ETHNICITY

RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
All Students	25.00	100	13.33	25.41	122	13.33	35.09	114	13.33	45.69	116	13.33			13.33
Native American			13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33			13.33
Asian	N < 10	< 10	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33			13.33
African-American			13.33	N < 10	< 10	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33
Hispanic	N < 10	< 10	13.33	10.00	RV	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33
Hawaiian/Pacific Islander			13.33			13.33			13.33			13.33			13.33
Caucasian	27.47	91	13.33	26.67	105	13.33	35.58	104	13.33	46.67	105	13.33			13.33
Two or More			13.33			13.33			13.33			13.33			13.33

N: Number of Concentrators in a Program of Study Leading to a Nontraditional Field

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY SPECIAL POPULATION

All Students / Baseline/Target

Year	Value
2019	25.41
2020	25.41
2021	35.09
2022	45.69
2023	

Male / Baseline/Target

Year	Value
2019	< 5
2020	6.25
2021	33.33
2022	42.19
2023	

Female / Baseline/Target

Year	Value
2019	50
2020	46.55
2021	37.78
2022	50
2023	

Students with Disabilities / Baseline/Target

Year	Value
2019	13.33
2020	15.38
2021	29.41
2022	27.78
2023	

Economically Disadvantaged / Baseline/Target

Year	Value
2019	18.87
2020	21.52
2021	28.85
2022	31.15
2023	

Non-traditional / Baseline/Target

Year	Value
2019	> 95
2020	> 95
2021	> 95
2022	> 95
2023	

Single Parent / Baseline/Target

Year	Value
2019	
2020	
2021	
2022	
2023	

English Learner / Baseline/Target

Year	Value
2019	
2020	
2021	
2022	
2023	

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

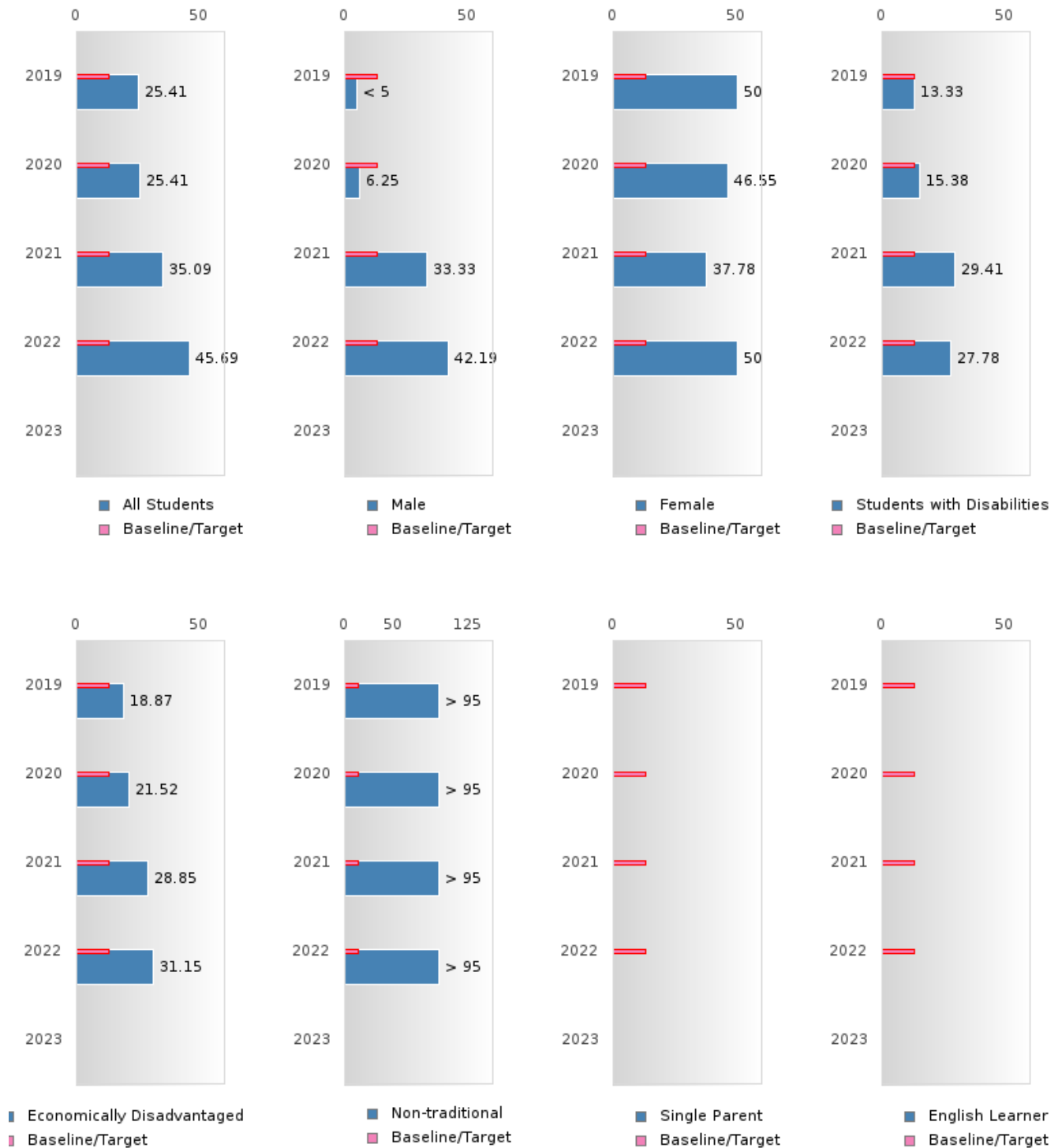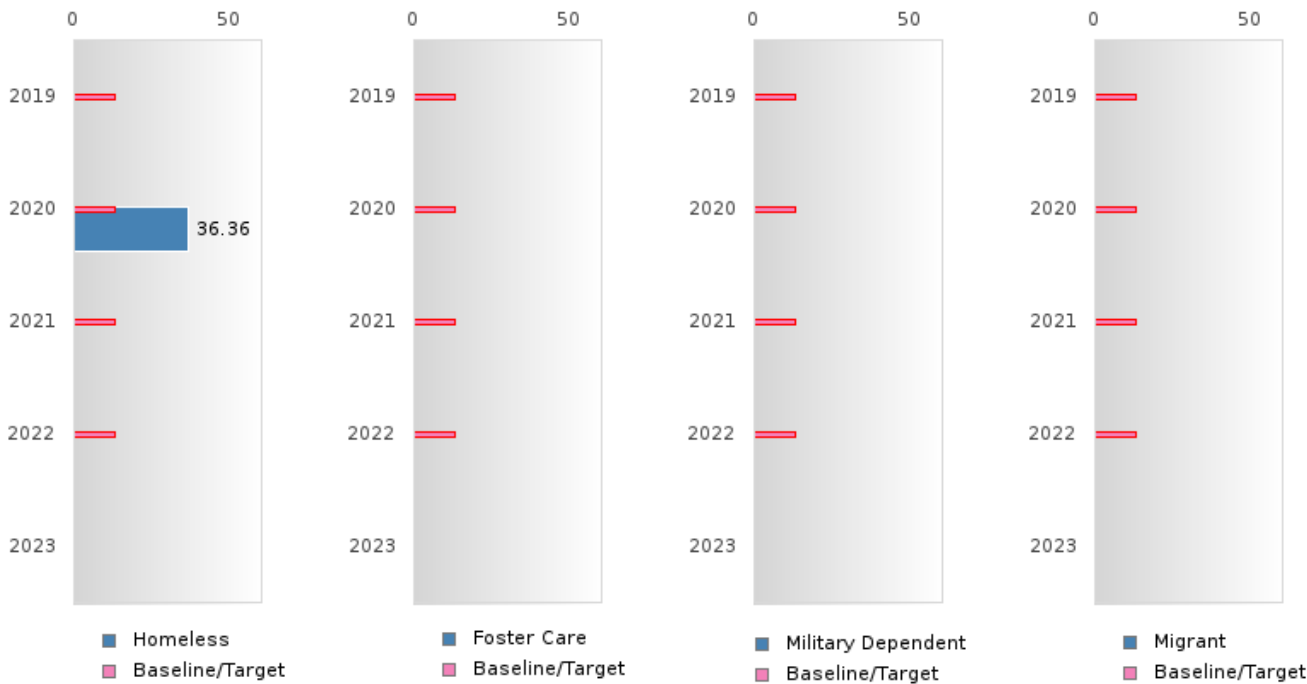### PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY SPECIAL POPULATION

RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
All Students	25.00	100	13.33	25.41	122	13.33	35.09	114	13.33	45.69	116	13.33			13.33
Male	< 5	RV	13.33	6.25	RV	13.33	33.33	69	13.33	42.19	64	13.33			13.33
Female	50.00	50	13.33	46.55	58	13.33	37.78	45	13.33	50.00	52	13.33			13.33
Students with Disabilities	13.33	RV	13.33	15.38	RV	13.33	29.41	RV	13.33	27.78	RV	13.33			13.33
Economically Disadvantaged	18.87	53	13.33	21.52	79	13.33	28.85	52	13.33	31.15	61	13.33			13.33
Non-traditional	> 95	RV	13.33	> 95	RV	13.33	> 95	RV	13.33	> 95	RV	13.33			13.33
Single Parent			13.33			13.33			13.33	N < 10	< 10	13.33			13.33
English Learner	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33	N < 10	< 10	13.33			13.33
Homeless	N < 10	< 10	13.33	36.36	RV	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33
Foster Care	N < 10	< 10	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33			13.33
Military Dependent			13.33	N < 10	< 10	13.33	N < 10	< 10	13.33	N < 10	< 10	13.33			13.33
Migrant			13.33			13.33			13.33			13.33			13.33

N: Number of Concentrators in a Program of Study Leading to a Nontraditional Field

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES
- Baseline/Target

ARCHITECTURE AND CONSTRUCTION
- Baseline/Target

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS
- Baseline/Target

BUSINESS MANAGEMENT & ADMINISTRATION
- Baseline/Target

EDUCATION AND TRAINING
- Baseline/Target

FINANCE
- Baseline/Target

GOVERNMENT AND PUBLIC ADMINISTRATION
- Baseline/Target

HEALTH SCIENCES
- Baseline/Target

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY CLUSTER

HOSPITALITY & TOURISM — Baseline/Target

HUMAN SERVICES — Baseline/Target
- 2019: < 5
- 2020: < 5
- 2021: 14.58
- 2022: < 5

INFORMATION TECHNOLOGY — Baseline/Target
- 2019: 33.69
- 2020: 22.86
- 2021: 22.86
- 2022: 29.73

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY — Baseline/Target

MANUFACTURING — Baseline/Target

MARKETING — Baseline/Target

STEM — Baseline/Target

TRANSPORTATION, DISTRIBUTION, & LOGISTICS — Baseline/Target
- 2020: 29.73
- 2021: 21.88
- 2022: 28.57

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY CLUSTER

RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
AGRICULTURE, FOOD, & NATURAL RESOURCES	32.09	187	13.33	33.69	282	13.33	29.51	244	13.33	31.07	206	13.33			13.33
ARCHITECTURE AND CONSTRUCTION			13.33			13.33			13.33			13.33			13.33
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS			13.33			13.33			13.33			13.33			13.33
BUSINESS MANAGEMENT & ADMINISTRATION	N < 10	< 10	13.33	66.67	RV	13.33	N < 10	< 10	13.33			13.33			13.33
EDUCATION AND TRAINING			13.33			13.33			13.33			13.33			13.33
FINANCE			13.33			13.33	76.67	RV	13.33	71.43	35	13.33			13.33
GOVERNMENT AND PUBLIC ADMINISTRATION			13.33			13.33			13.33			13.33			13.33
HEALTH SCIENCES			13.33			13.33			13.33			13.33			13.33
HOSPITALITY & TOURISM			13.33			13.33			13.33			13.33			13.33
HUMAN SERVICES	< 5	RV	13.33	5.17	RV	13.33	14.58	RV	13.33	< 5	RV	13.33			13.33
INFORMATION TECHNOLOGY	33.33	39	13.33	22.86	RV	13.33	22.86	RV	13.33	29.73	37	13.33			13.33
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY			13.33			13.33			13.33			13.33			13.33
MANUFACTURING			13.33			13.33			13.33			13.33			13.33
MARKETING			13.33			13.33			13.33			13.33			13.33
STEM			13.33			13.33			13.33			13.33			13.33
TRANSPORTATION, DISTRIBUTION, & LOGISTICS	N < 10	< 10	13.33	29.41	RV	13.33	21.88	RV	13.33	28.57	35	13.33			13.33

N: Number of Concentrators in a Program of Study Leading to a Nontraditional Field

INDUSTRY CERTIFICATIONS [5S1]

BISMARCK SCHOOL DISTRICT

Industry Certifications – Attained Recognized Postsecondary Credential is an indicator assessing the number of CTE concentrators who graduated from high school obtained a recognized postsecondary credential.

A CTE concentrator who has graduated is defined as a concentrator who was an actual graduate in the current year four-year adjusted cohort plus those who are new graduates in the current year five-year adjusted cohort.

Formula:
Program Quality

$$\frac{\textit{Total Number of CTE Concentrators who graduated from high school that obtained a recognized postsecondary credential}}{\textit{Total Number of CTE Concentrators who graduated from high school}}$$

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL
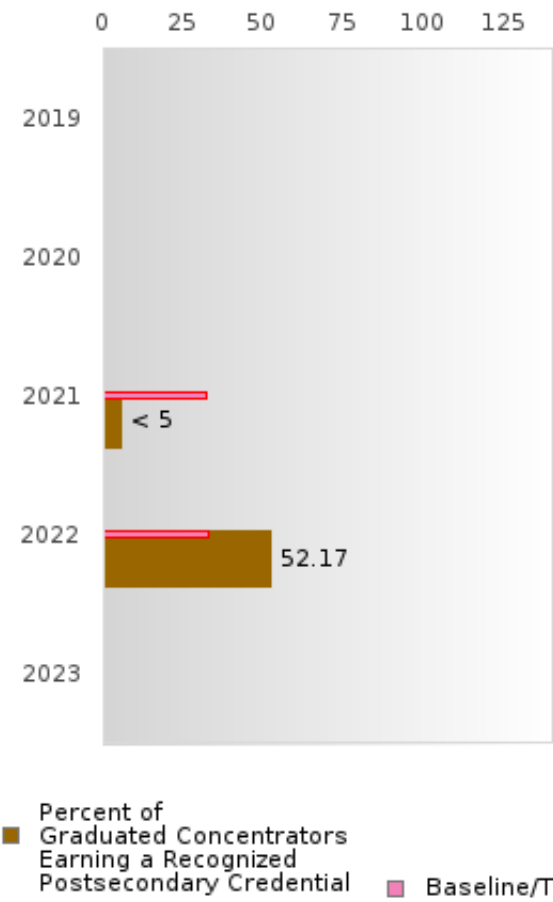
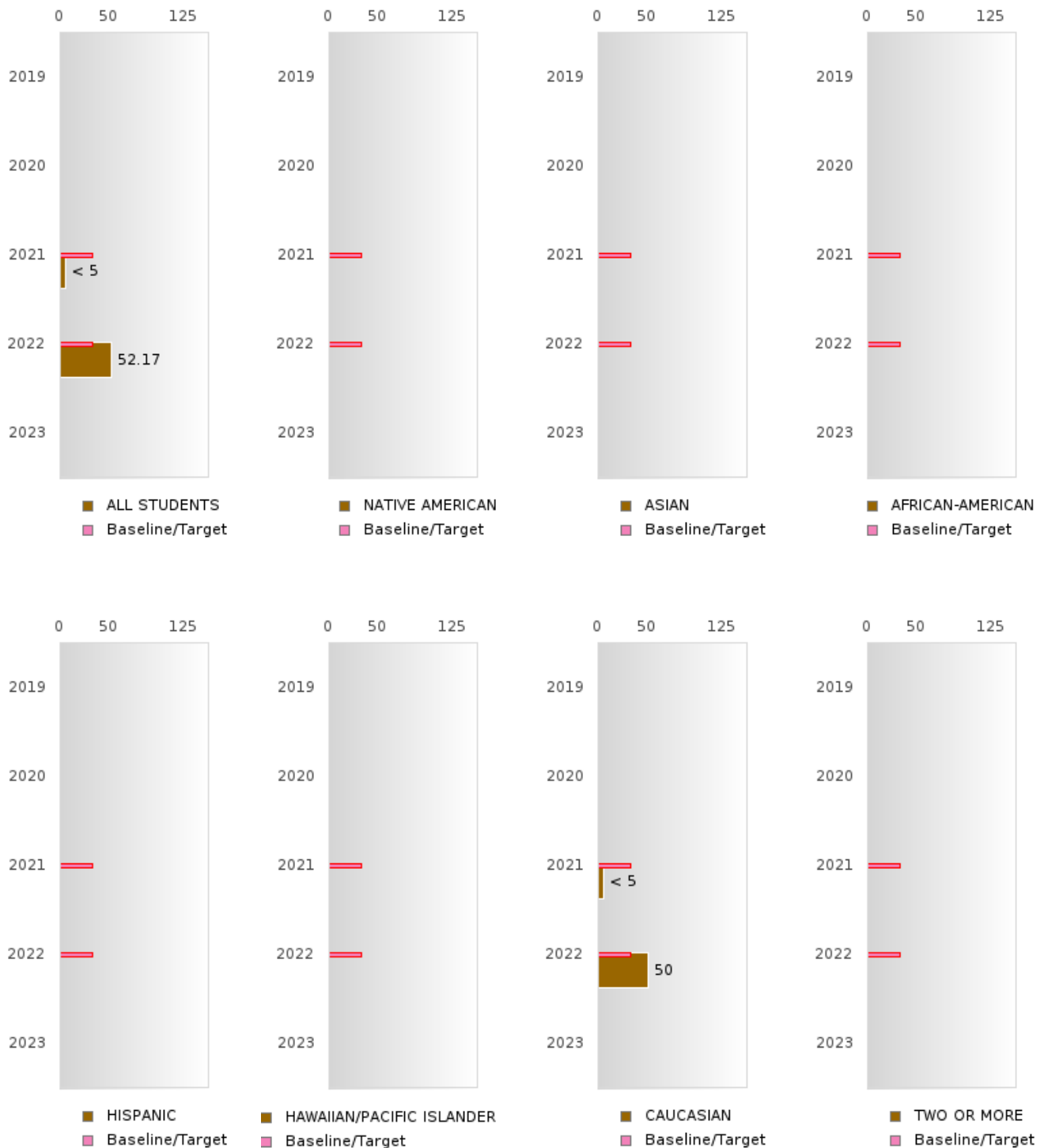| YEAR	SCORE	BASELINE/ TARGET	N
2019		48.91	
2020		48.91	
2021	< 5	32.29	RV
2022	52.17	32.79	46
2023		33.29	

N: Number of Concentrators Who Graduated.

DISTRIBUTION OF DISTRICT RECONGIZED POSTSECONDARY CREDENTIAL PERCENT

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL BY RACE/ETHNICITY

ALL STUDENTS	NATIVE AMERICAN	ASIAN	AFRICAN-AMERICAN
2021: < 5 / 2022: 52.17			

HISPANIC	HAWAIIAN/PACIFIC ISLANDER	CAUCASIAN	TWO OR MORE
		2021: < 5 / 2022: 50	

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL TABLE BY RACE/ETHNICITY
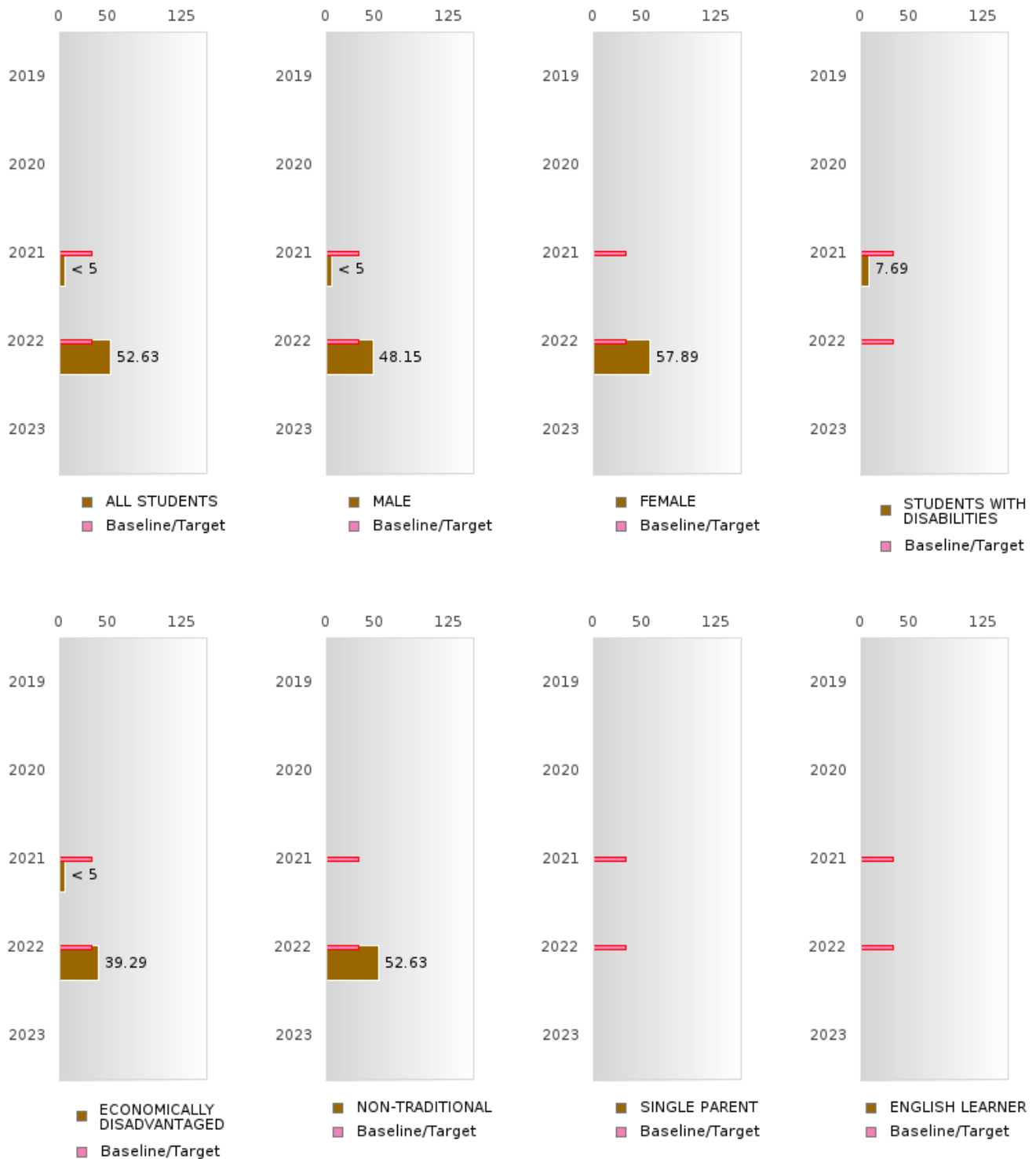
RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
ALL STUDENTS			48.91			48.91	< 5	RV	32.29	52.17	46	32.79			33.29
NATIVE AMERICAN			48.91			48.91			32.29			32.79			33.29
ASIAN			48.91			48.91			32.29			32.79			33.29
AFRICAN-AMERICAN			48.91			48.91			32.29			32.79			33.29
HISPANIC			48.91			48.91			32.29	N < 10	< 10	32.79			33.29
HAWAIIAN/PACIFIC ISLANDER			48.91			48.91			32.29			32.79			33.29
CAUCASIAN			48.91			48.91	< 5	RV	32.29	50.00	44	32.79			33.29
TWO OR MORE			48.91			48.91			32.29			32.79			33.29

N: Number of Concentrators Who Graduated.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL BY SPECIAL POPULATION

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL BY SPECIAL POPULATION
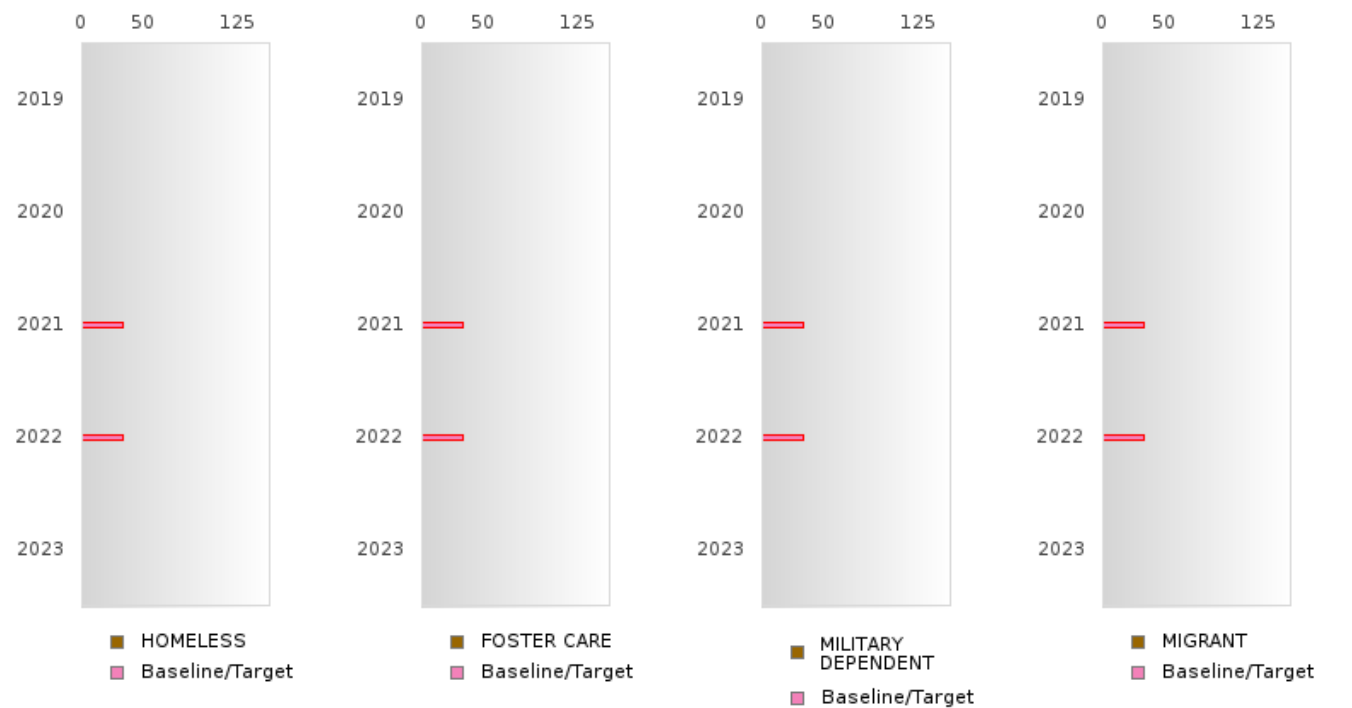
2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL TABLE BY SPECIAL POPULATION
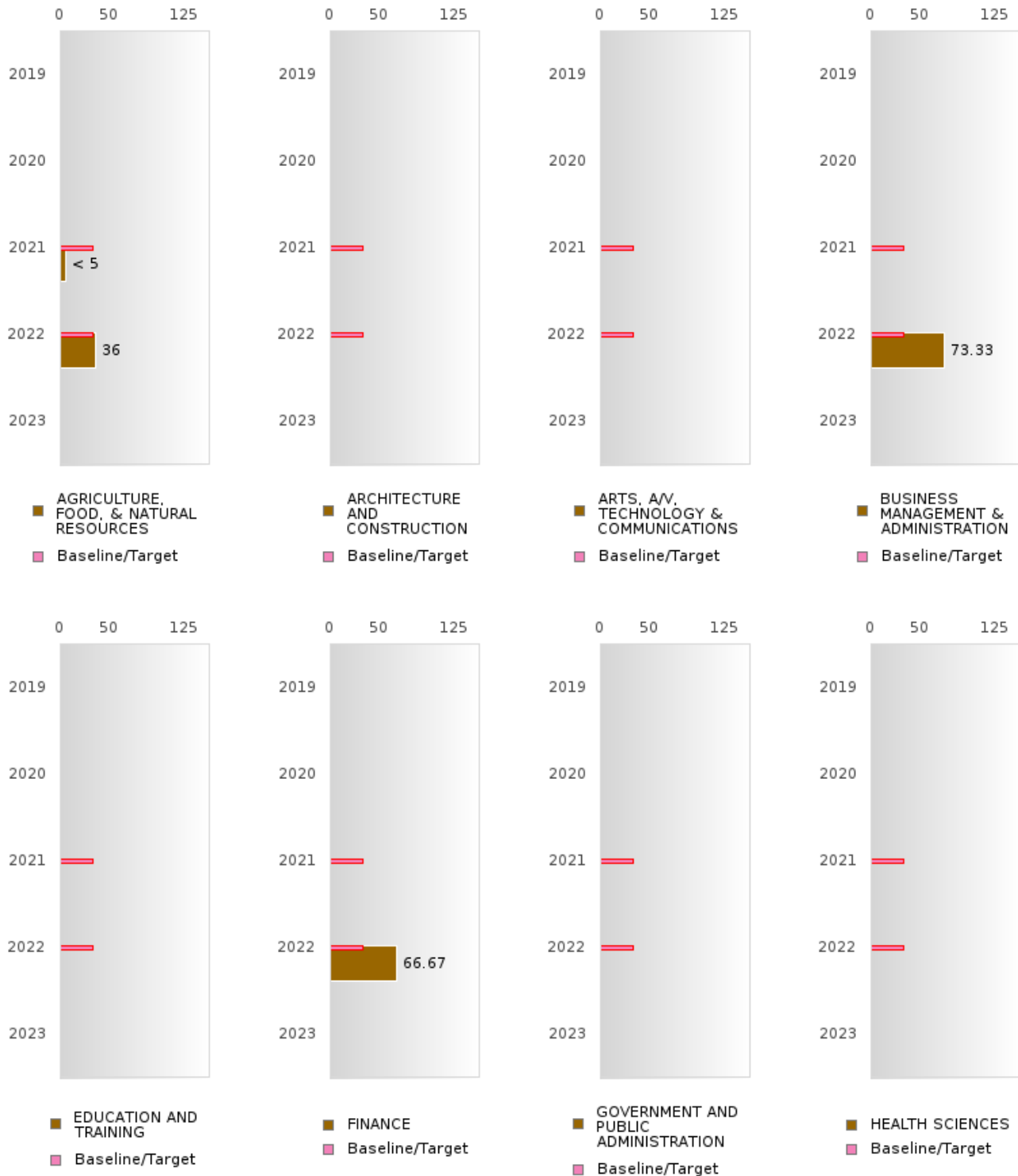
RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
ALL STUDENTS			48.91			48.91	< 5	RV	32.29	52.17	46	32.79			33.29
MALE			48.91			48.91	< 5	RV	32.29	48.15	27	32.79			33.29
FEMALE			48.91			48.91			32.29	57.89	RV	32.79			33.29
STUDENTS WITH DISABILITIES			48.91			48.91	7.69	RV	32.29	N < 10	< 10	32.79			33.29
ECONOMICALLY DISADVANTAGED			48.91			48.91	< 5	RV	32.29	39.29	28	32.79			33.29
NON-TRADITIONAL			48.91			48.91			32.29	52.63	RV	32.79			33.29
SINGLE PARENT			48.91			48.91			32.29	N < 10	< 10	32.79			33.29
ENGLISH LEARNER			48.91			48.91			32.29			32.79			33.29
HOMELESS			48.91			48.91			32.29	N < 10	< 10	32.79			33.29
FOSTER CARE			48.91			48.91			32.29			32.79			33.29
MILITARY DEPENDENT			48.91			48.91			32.29			32.79			33.29
MIGRANT			48.91			48.91			32.29			32.79			33.29

N: Number of Concentrators Who Graduated.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL BY CLUSTER

AGRICULTURE, FOOD, & NATURAL RESOURCES
Baseline/Target

ARCHITECTURE AND CONSTRUCTION
Baseline/Target

ARTS, A/V, TECHNOLOGY & COMMUNICATIONS
Baseline/Target

BUSINESS MANAGEMENT & ADMINISTRATION
Baseline/Target

EDUCATION AND TRAINING
Baseline/Target

FINANCE
Baseline/Target

GOVERNMENT AND PUBLIC ADMINISTRATION
Baseline/Target

HEALTH SCIENCES
Baseline/Target

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL BY CLUSTER

HOSPITALITY & TOURISM: 6.67 (2021), 56.25 (2022)

HUMAN SERVICES: 7.14 (2021)

INFORMATION TECHNOLOGY: 64.29 (2022)

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

MANUFACTURING

MARKETING

STEM

TRANSPORTATION, DISTRIBUTION, & LOGISTICS: 66.67 (2022)

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL TABLE BY CLUSTER

RACE	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
AGRICULTURE, FOOD, & NATURAL RESOURCES			48.91			48.91	< 5	RV	32.29	36.00	RV	32.79			33.29
ARCHITECTURE AND CONSTRUCTION			48.91			48.91			32.29			32.79			33.29
ARTS, A/V, TECHNOLOGY & COMMUNICATIONS			48.91			48.91			32.29			32.79			33.29
BUSINESS MANAGEMENT & ADMINISTRATION			48.91			48.91			32.29	73.33	RV	32.79			33.29
EDUCATION AND TRAINING			48.91			48.91			32.29			32.79			33.29
FINANCE			48.91			48.91			32.29	66.67	RV	32.79			33.29
GOVERNMENT AND PUBLIC ADMINISTRATION			48.91			48.91			32.29			32.79			33.29
HEALTH SCIENCES			48.91			48.91			32.29			32.79			33.29
HOSPITALITY & TOURISM			48.91			48.91	6.67	RV	32.29	56.25	RV	32.79			33.29
HUMAN SERVICES			48.91			48.91	7.14	RV	32.29	N < 10	< 10	32.79			33.29
INFORMATION TECHNOLOGY			48.91			48.91			32.29	64.29	RV	32.79			33.29
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY			48.91			48.91			32.29			32.79			33.29
MANUFACTURING			48.91			48.91			32.29			32.79			33.29
MARKETING			48.91			48.91			32.29	N < 10	< 10	32.79			33.29
STEM			48.91			48.91			32.29			32.79			33.29
TRANSPORTATION, DISTRIBUTION, & LOGISTICS			48.91			48.91			32.29	66.67	RV	32.79			33.29

N: Number of Concentrators Who Graduated.

SCHOOL LEVEL AGGREGATIONS

The following pages provide 2022 data specific to the high schools within the district and reflect school level aggregations in school year 2021-22.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

FOUR-YEAR ADJUSTED COHORT GRADUATION RATE BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18	> 95	RV	87.18			87.18

FIVE-YEAR EXTENDED ADJUSTED COHORT GRADUATION RATE BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	95.00	RV	90.4	> 95	RV	90.4	> 95	RV	90.4	> 95	RV	90.4			90.4

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

ACADEMIC PROFICIENCY SCORE IN READING LANGUAGE ARTS BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	78.01	101	52.78			52.78	74.05	112	48.45	70.77	116	48.7			

*State-required academic achievement tests were waived in 2020 due to COVID19.

ACADEMIC PROFICIENCY SCORE IN MATHEMATICS BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	77.29	101	46.45			46.45	71.78	112	42.27	74.50	116	42.52			

*State-required academic achievement tests were waived in 2020 due to COVID19.

ACADEMIC PROFICIENCY SCORE IN SCIENCE BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020*			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	84.80	103	53.26			53.26	77.40	112	48.4	79.07	116	48.65			

*State-required academic achievement tests were waived in 2020 due to COVID19.

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS IN POSTSECONDARY PLACEMENT 2 QUARTERS AFTER LEAVING SECONDARY EDUCATION TABLE BY HIGH SCHOOLS WITHIN DISTRICT

	2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	85.19	RV	75.75	81.25	RV	76.25			76.75

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF CONCENTRATORS EARNING A CONCENTRATION IN A PROGRAM OF STUDY LEADING TO A NONTRADITIONAL FIELD BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL	25.00	100	13.33	25.00	122	13.33	35.00	114	13.33	46.00	116	13.33			13.33

2022 CTE DISTRICT REPORT ON PERFORMANCE MEASURES FOR CONCENTRATORS

BISMARCK SCHOOL DISTRICT

PERCENT OF GRADUATED CONCENTRATORS EARNING A RECONGIZED POSTSECONDARY CREDENTIAL TABLE BY HIGH SCHOOLS WITHIN DISTRICT

	2019			2020			2021			2022			2023		
	Score	N	Base line	Score	N	Target	Score	N	Target	Score	N	Target	Score	N	Target
BISMARCK HIGH SCHOOL			48.91			48.91	< 5	RV	32.29	52.17	46	32.79			33.29