# Technical Brief: North Dakota Student Engagement Survey, 2021-22 <br> V1.0., June 30th, 2022 

## 1. Introduction

This report provides a technical overview of North Dakota's 2021-22 statewide administration of the Cognia™ Student Engagement Survey (SES) to elementary, middle, and high school students, which was conducted from January 17 through February 25, 2022.

The SES collects feedback directly from students about their learning experiences. Survey results provide a useful summary of the insights learned from student responses and provide schools and districts with the opportunity to understand student engagement in greater detail. These insights enable schools, districts, and states to engage in more collaborative conversations with institution stakeholders to better respond to the needs of their students.

Data from completed surveys are reported at the school, district, and state level and results are categorized by type and level of engagement. The school receives data on the percentages of Committed, Compliant, and Disengaged students for each of the three engagement domains (Behavioral, Cognitive, and Emotional) based on completed responses.

At the state level, data is reported annually as an indicator of school quality as part of the state's accountability system under the Every Student Succeeds Act (ESSA). This "Student Engagement" indicator accounts for $30 \%$ of elementary or middle schools' overall rating and $20 \%$ of high schools' overall rating for the school year.

This report focuses on the three types of engagement, which correspond to reporting and intended interpretations.

## 2. Instrument Overview

There are generally four ways to measure student engagement: self-report surveys, teacher reporting, interviews, and observations. Of these four, surveys and observations are the most widely used and reliable. The SES is based on extensive research and collects direct feedback from students regarding their level and type of engagement in the learning process while assessing how much they enjoy school on a variety of practical and actionable levels.

Each of the SES items are designed specifically to measure student engagement in the following three domains of engagement: Behavioral, Cognitive and Emotional. Behavioral engagement refers to a student's efforts in the classroom (e.g., attendance, participation); Cognitive engagement examines a student's investment in learning; and Emotional engagement measures a student's emotions or feelings about the classroom and school, in general (e.g., connectedness with school).

Response options for all items across the three domains are first categorized according to three engagement types: Committed, Compliant, and Disengaged. Additionally, each engagement type consists of two distinct levels: Levels in the Committed type are Invested and Immersed; the Compliant types are Strategic and Ritual; and the Disengaged type levels are Retreatism and Rebellion. Individual student engagement is categorized within each domain based on the most frequent engagement type. For example, a student who answers three or more questions with Committed values within the Behavioral domain would be categorized as Committed for that domain. The relationship between engagement type and engagement level is presented in Table 1.

The SES measures student engagement in elementary (grades 3-5), middle (grades 6-8), and high school (grades 9-12) through students' responses to 21 items about their learning experiences described above. A version of the survey was created for each of the three grade spans with age-appropriate item text.

TABLE 1. Student Engagement Domain Type and Level Descriptions

| Engagement T |  | gagement |  |
| :---: | :---: | :---: | :---: |
| Committed | Student finds personal meaning and value in tasks | Invested | Student leader, exceeds expectations, and invests time in improvement |
|  |  | Immersed | Performs constantly at high level, and possesses deep conceptual understanding |
| Compliant | Meets expectations, follows rules, actively avoids consequences | Strategic | Allocates necessary energy and resources and is reward driven |
|  |  | Ritual | Minimal attention, easily distracted |
| Disengaged | Unmotivated, low participation, actively avoids completing tasks | Retreatism | Not attentive to work, distracts others, conceals lack of involvement |
|  |  | Rebellion | Refusal to comply with requirements, actively rejects tasks |

## 3. Participation

Results described in this report are based on responses from 75,434 students in grades 3-12 from 484 schools in 170 public school districts. The number of responses reflects completed SES responses and not necessarily the population of students, schools, or districts in the state. Participating districts and schools are listed in Appendix C including information about number of student responses and percent committed by each domain.

Responses were approximately evenly distributed across each grade within grade spans. Table 2 displays the number of students, by grade, who submitted complete responses.

TABLE 2. Number of Completed Surveys by version and Grade

| SES Survey Version | Number | Percentage |
| :---: | :--- | :--- |
| Elementary School <br> (Grades 3-5) | 24,126 | $32 \%$ |
| Middle School |  |  |
| (Grades 6-8) | 23,638 | $31 \%$ |
| High School |  |  |
| (Grades 9-12) | 27,670 | $37 \%$ |

## 4. Item Analysis

Across all three versions of the SES—elementary, middle, and high school-the survey consists of items categorized and organized into the three domains of engagement: Behavioral (questions 1-7), Cognitive (questions 8-14), and Emotional (questions 15-21). Each item response is scored on a six-point scale (05). Point values correspond to the six engagement levels described previously.

Tables A1 to A3 in Appendix A provide item statistics according to grade-span including means (average response to an item), standard deviations (dispersion of scores; how "spread out" are scores for that item), and item correlations (relationship between item score and total domain scores). Item text for each version of the survey can be found in Appendix B. Note that " $Q$ " followed by a number indicates question number.

## Notable Findings

Elementary school version:

- Item averages were the highest for Q6 (3.67) and Q12 (3.62) while Q21 (2.32) and Q16 (2.45) had the lowest means, indicating the lower-scoring options were more frequently selected.
- The majority of survey items (19 out of 21 ) were moderately to strongly correlated ( $r>0.4$ ) with the domain total score (e.g., the Behavioral domain total score is the sum of Q1 through Q7).

Middle school version:

- Item averages were highest for items Q5 (3.68) and Q12 (3.57); the lowest averages were observed for items Q16 (1.72) and Q18 (2.09).
- All survey items (21 out of 21 ) were moderately to strongly correlated to the total domain score.

High school version:

- Students generally rated Q5 (3.60) and Q12 (3.31) the highest and Q16 (1.61) and Q15(2.04) the lowest.
- All 21 items were moderately or strongly correlated to the total domain score.

Across grade-span versions of the SES:

- The average for Q16 was the lowest for middle and high school students ("Which response best describes how you feel at the end of the day?").
- The item averages decline as grade span increases (elementary $=3.14$; middle $=2.71$, high $=$ 2.60).
- The Emotional domain had the lowest overall item averages across all three grade spans. The Cognitive domain demonstrated the highest item averages in elementary school while Behavioral domain item averages were the highest-rated in middle and high school.


## 5. Item Response Distribution

This section describes the distribution of SES item response scores across the three grade span versions, elementary, middle, and high school.

Elementary school version:

- The largest proportion of Committed responses were observed for Q6 (76.97\%) and Q20 (74.28\%).
- The two items with the largest proportion of Disengaged were Q16 (40.63\%) and Q15 (24.15\%).

Middle school version:

- The largest proportion of Committed responses were observed for Q12 (68.05\%) and Q5 (56.12\%).
- The largest proportion of Disengaged responses were Q16 (43.21\%) and Q18 (39.26\%).

High school version:

- The top two Committed items were Q5 (55.96\%) and Q2 (48.88\%).
- Similar to the other two versions, Q18 (41.09\%) and Q15 (40.88\%) received the largest proportion of Disengaged responses.
Overall:
- Students selected the full range of available responses across the versions, with respondents selecting the option associated with the middle engagement type (Compliant) or above for most items.
- Q12 was among the top five highest-scoring items (scored as Committed) for elementary (64.64\%), middle (68.05\%), and high school (42.17\%) students. This item captures students' reaction when a teacher asks a question.
- Q5 was among the top five highest-scoring items (scored as Committed) for middle (56.12\%) and high school (55.96\%) students. This item captures students' behavior working in a group.
- Q2 was also among the top five highest-scoring items (scored as Committed) for middle (56.11\%) and high (48.88\%) school students. This item captures strategies students employ when encountering another student being picked on.
- Q17 was among the top five highest-scoring emotional items (scored as Committed) for middle (54.23\%) and high school (48.64\%) versions of the survey. This item captures students' feelings towards their teachers.
- Q16 was among the top three highest frequency of Disengaged scores across grade spans ( $40.63 \%, 43.21 \%$, and $39.49 \%$, respectively). This item reflects students' feeling at the end of the school day.

Figures 1-3 display the number of student responses within each engagement type (Committed, Compliant, Disengaged). For more information on item response percentages by engagement type, see Tables A4 to A6 in Appendix A.

FIGURE 1: Elementary School Response Frequencies, by Engagement Type
Elementary School Student Engagement Survey


Note: Full item text available in Appendix

FIGURE 2: Middle School Response Frequencies, by Engagement Type


Note: Full item text available in Appendix
FIGURE 3: High School Response Frequencies, by Engagement Type
High School Student Engagement Survey


Note: Full item text available in Appendix B

## 6.Domain Classification

Individual students' engagement is classified according to the modal item response within each domain. Specifically, the most frequently occurring engagement type (Disengaged, Compliant, or Committed) within each of the Behavioral, Cognitive, and Emotional domains is used to assign a domain engagement type for each student.

Data from students' completed surveys are reported by grade spans and domain as percentages by engagement type: Committed, Compliant, and Disengaged. The reported percentages are calculated as the number of respondents in each domain's type of engagement divided by the total number of respondents who completed the survey. Figures 4-6 depict student engagement responses broken out by grade-span, domains, school years, and compare results from the 2021-22 SES administration against the 2020-21 SES administration.

- Elementary school students in 2021-22 demonstrated high percentages of Committed responses in the Behavioral (66.4\%), Cognitive (60.6\%), and Emotional (64.5\%) domains, while less than $10 \%$ of students reported Disengaged responses for Behavioral (6.1\%) and Cognitive (4.8\%) domains. This pattern also held true for the 2020-21 results.
- Middle school students in 2021-22 yielded $46.4 \%$ Committed responses in the Behavioral domain, $34.3 \%$ in Cognitive, and $31.1 \%$ in Emotional. These percentages are very close to 202021 results.
- High school students in 2021-22 yielded Committed response percentages of $38.2 \%$ in the Behavioral domain, $21.2 \%$ in Cognitive, and $28.3 \%$ in Emotional. The results for the Cognitive and Emotional domains are similar to 2020-21 results; however, percentages are lower for Behavioral domain, reflecting increased percentages of Compliant and Disengaged responses.
- Overall, the results between 2021-22 and 2020-21 SES administrations are very similar with small fluctuations in percentages.

FIGURE 4: Elementary School Engagement Classification Type Comparison by Engagement Domains


FIGURE 5: Middle School Engagement Classification Type Comparison by Engagement Domains


FIGURE 6: High School Engagement Classification Type Comparison by Engagement Domains


## 7. Reliability and Validity Evidence

## Internal Consistency Reliability

Survey responses were used to investigate evidence for the internal consistency reliability across the three grade-span versions of the survey. Reliability was calculated according to Cronbach's Alpha ( $\alpha$ ) and McDonald's omega $(\omega)^{1}$. All three versions demonstrate Alpha values of 0.81 and higher, and omega values of 0.82 and higher (see Table 4). These values provide evidence that the SES demonstrates sufficient reliability to make decisions about groups of students ${ }^{2}$.

[^0]TABLE 4. Convergent and Discriminant Validity of Domains, by Grade Span

| Grade Span | Domain | Behavioral | Cognitive | Emotional |
| :---: | :---: | :---: | :---: | :---: |
| Elementary School ( $\omega=0.82, a=0.81$ ) | Behavioral | 0.642 |  |  |
|  | Cognitive | 0.472 | 0.635 |  |
|  | Emotional | 0.471 | 0.547 | 0.827 |
| Middle School ( $\omega=0.87, \alpha=0.85$ ) | Behavioral | 0.680 |  |  |
|  | Cognitive | 0.569 | 0.703 |  |
|  | Emotional | 0.538 | 0.547 | 0.785 |
| High School$(\omega=0.87, \alpha=0.85)$ | Behavioral | 0.697 |  |  |
|  | Cognitive | 0.594 | 0.772 |  |
|  | Emotional | 0.544 | 0.634 | 0.764 |

## Validity Evidence

Validity evidence for the measurement of Behavioral, Cognitive, and Emotional domains of engagement on the SES is also presented in Table 4, as correlations between domains, within each of the grade-span versions. Specifically, correlations of responses across domains are presented in the off-diagonal cells and represent discriminant validity evidence (indicating the degree to which domains are separate and distinct form one another) while convergent validity evidence is presented in the cells along the diagonal as reliability (i.e., omega; indicating the consistency of measurement within the domain).

Within-domain reliabilities range from 0.63 to 0.83 demonstrating sufficient and strong convergent validity evidence. Across-domain correlations are moderate to strong and range from 0.47 to 0.64 ; however, the across-domain reliabilities (i.e., discriminant validity evidence) are consistently lower than the associated within-domain reliabilities. These results indicate that the SES consistently measures student engagement within each of the three domains, which are related to each other, but demonstrates sufficient independence as to be considered separate traits or constructs.

## Confirmatory Factor Analysis

Additional validity evidence for Cognia's SES is demonstrated using statistical techniques to evaluate the underlying theoretical structure, or latent factor model. The relationship among items, domains (Behavioral, Cognitive, and Emotional), and overall engagement for each grade-span version can be represented according to two latent factor models. The Unidimensional Model conceives student performance on items as simply correlated to general engagement; the First-Order Model suggests that student performance on each item is correlated with a specific domain and those domains are correlated with each other.

Confirmatory Factor Analysis (CFA) is the statistical technique used to evaluate which of the unidimensional or first-order models fits the data best and to confirm that the target model fits the data
well. Model comparison is conducted according to a Likelihood-Ratio Test, with significant differences indicating that the more complex (i.e., first-order) model fits best; model evaluation is conducted by comparing standard model fit statistics ( $R M S E A$ and $\chi^{2} / d f$ ) against critical values in an empirical sampling distribution that was generated according to a bootstrap resampling procedure (replications = 100; $\alpha=0.05)$.

Model evaluation found that RMSEA and $\chi^{2} / d f$ values did not exceed the empirically determined significance values; therefore, the models all fit the data sufficiently well to enable further comparison and interpretation ${ }^{3}$. Model comparison according to the results of Likelihood-Ratio Tests between the unidimensional models and first-order models found in all instances that first-order models fit significantly better than the unidimensional models. Together, these results provide evidence supporting measurement and reporting of Cognia's Student Engagement Survey results according to the Behavioral, Cognitive, and Emotional domains.

Model evaluation and comparison results are summarized by version in Table 5.
TABLE 5. Confirmatory Factor Analysis Model Summary, by Grade Span

| Grade-Span | Model | N | df | RMSEA | x2/df | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Elementary <br> School | Uni | 24,126 | 189 | 0.032 | 26.06 |  |
| Middle School | First | 24,126 | 186 | 0.027 | 19.23 | $*$ |
| High School | First | 23,638 | 189 | 0.039 | 36.17 |  |
|  | Uni | 27,638 | 186 | 0.034 | 29.02 | $*$ |
|  | First | 27,670 | 189 | 0.038 | 41.01 |  |

* Preferred model based on LRT results


## For Additional Information

For any additional questions about this study please contact the authors:
Xiaonan Zhang, Measurement Scientist: xiaonan.zhang@cognia.org
Matthew Gushta, Ph.D., Vice President, Research \& Development: matthew.gushta@cognia.org

[^1]
## Appendix A

## Item Descriptive Statistics

TABLE A1. Elementary School Item Descriptive Statistics

|  | Elementary School ( $\mathrm{n}=\mathbf{2 4 , 1 2 6 \text { ) }}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | SD | Min | Max | Corr w/ Behavioral Total | Corr w/ Cognitive Total | Corr w/ Emotional Total |
| Q1 | 2.82 | 1.36 | 0 | 5 | 0.49 |  |  |
| Q2 | 3.35 | 1.43 | 0 | 5 | 0.5 |  |  |
| Q3 | 3.43 | 0.98 | 0 | 5 | 0.49 |  |  |
| Q4 | 2.59 | 1.39 | 0 | 5 | 0.51 |  |  |
| Q5 | 3.4 | 1.73 | 0 | 5 | 0.59 |  |  |
| Q6 | 3.67 | 0.85 | 0 | 5 | 0.49 |  |  |
| Q7 | 3.12 | 1.11 | 0 | 5 | 0.53 |  |  |
| Q8 | 2.89 | 1.76 | 0 | 5 |  | 0.55 |  |
| Q9 | 2.74 | 1.13 | 0 | 5 |  | 0.39 |  |
| Q10 | 3.54 | 1.39 | 0 | 5 |  | 0.6 |  |
| Q11 | 3.16 | 1.71 | 0 | 5 |  | 0.62 |  |
| Q12 | 3.62 | 0.89 | 0 | 5 |  | 0.37 |  |
| Q13 | 3.15 | 1.28 | 0 | 5 |  | 0.5 |  |
| Q14 | 3.47 | 1.19 | 0 | 5 |  | 0.55 |  |
| Q15 | 2.86 | 1.63 | 0 | 5 |  |  | 0.61 |
| Q16 | 2.45 | 1.82 | 0 | 5 |  |  | 0.66 |
| Q17 | 3.19 | 1.64 | 0 | 5 |  |  | 0.5 |
| Q18 | 3.3 | 1.66 | 0 | 5 |  |  | 0.71 |
| Q19 | 3.51 | 1.87 | 0 | 5 |  |  | 0.73 |
| Q20 | 3.45 | 1.2 | 0 | 5 |  |  | 0.53 |
| Q21 | 2.32 | 1.37 | 0 | 5 |  |  | 0.59 |

TABLE A2. Middle School Item Descriptive Statistics

|  | Middle School ( $\mathrm{n}=23,638$ ) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | SD | Min | Max | Corr w/ <br> Behavioral Total | Corr w/ Cognitive Total | Corr w/ Emotional Total |
| Q1 | 2.58 | 1.27 | 0 | 5 | 0.58 |  |  |
| Q2 | 3.34 | 1.68 | 0 | 5 | 0.53 |  |  |
| Q3 | 3 | 1.15 | 0 | 5 | 0.55 |  |  |
| Q4 | 3.07 | 1.49 | 0 | 5 | 0.48 |  |  |
| Q5 | 3.68 | 1.3 | 0 | 5 | 0.53 |  |  |
| Q6 | 2.83 | 1.31 | 0 | 5 | 0.54 |  |  |
| Q7 | 2.79 | 1.21 | 0 | 5 | 0.55 |  |  |
| Q8 | 2.35 | 1.77 | 0 | 5 |  | 0.57 |  |
| Q9 | 2.45 | 1.14 | 0 | 5 |  | 0.54 |  |
| Q10 | 2.48 | 1.75 | 0 | 5 |  | 0.7 |  |
| Q11 | 2.39 | 1.3 | 0 | 5 |  | 0.58 |  |
| Q12 | 3.57 | 0.96 | 0 | 5 |  | 0.45 |  |
| Q13 | 2.64 | 1.26 | 0 | 5 |  | 0.58 |  |
| Q14 | 2.98 | 1.43 | 0 | 5 |  | 0.6 |  |
| Q15 | 2.25 | 1.47 | 0 | 5 |  |  | 0.6 |
| Q16 | 1.72 | 1.28 | 0 | 5 |  |  | 0.59 |
| Q17 | 3.18 | 1.65 | 0 | 5 |  |  | 0.65 |
| Q18 | 2.09 | 1.68 | 0 | 5 |  |  | 0.73 |
| Q19 | 2.5 | 1.44 | 0 | 5 |  |  | 0.67 |
| Q20 | 2.83 | 1.24 | 0 | 5 |  |  | 0.54 |
| Q21 | 2.2 | 1.49 | 0 | 5 |  |  | 0.6 |

TABLE A3. High School Item Descriptive Statistics

|  | High School ( $\mathrm{n}=27,670$ ) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | SD | Min | Max | Corr w/ Behavioral Total | Corr w/ Cognitive Total | Corr w/ Emotional Total |
| Q1 | 2.47 | 1.25 | 0 | 5 | 0.58 |  |  |
| Q2 | 3.13 | 1.84 | 0 | 5 | 0.53 |  |  |
| Q3 | 2.78 | 1.29 | 0 | 5 | 0.57 |  |  |
| Q4 | 2.65 | 1.49 | 0 | 5 | 0.53 |  |  |
| Q5 | 3.6 | 1.27 | 0 | 5 | 0.49 |  |  |
| Q6 | 2.72 | 1.21 | 0 | 5 | 0.54 |  |  |
| Q7 | 2.59 | 1.27 | 0 | 5 | 0.55 |  |  |
| Q8 | 2.82 | 1.22 | 0 | 5 |  | 0.58 |  |
| Q9 | 2.43 | 1.21 | 0 | 5 |  | 0.61 |  |
| Q10 | 2.54 | 1.74 | 0 | 5 |  | 0.67 |  |
| Q11 | 2.28 | 1.35 | 0 | 5 |  | 0.62 |  |
| Q12 | 3.31 | 1.24 | 0 | 5 |  | 0.47 |  |
| Q13 | 2.47 | 1.3 | 0 | 5 |  | 0.64 |  |
| Q14 | 2.49 | 1.26 | 0 | 5 |  | 0.63 |  |
| Q15 | 2.04 | 1.57 | 0 | 5 |  |  | 0.58 |
| Q16 | 1.61 | 1.15 | 0 | 5 |  |  | 0.5 |
| Q17 | 3.14 | 1.59 | 0 | 5 |  |  | 0.63 |
| Q18 | 2.27 | 1.88 | 0 | 5 |  |  | 0.71 |
| Q19 | 2.32 | 1.41 | 0 | 5 |  |  | 0.63 |
| Q20 | 2.65 | 1.31 | 0 | 5 |  |  | 0.56 |
| Q21 | 2.26 | 1.51 | 0 | 5 |  |  | 0.56 |

## Survey Response Frequencies by Engagement Type

TABLE A4. Elementary School Survey Response Frequencies by Engagement Type

|  | Elementary SchoolResponse Count and Frequency ( $\mathrm{n}=24,126$ ) |  |  |
| :---: | :---: | :---: | :---: |
|  | Committed | Compliant | Disengaged |
| Q1 | 7549 (31.29\%) | 14193 (58.83\%) | 2384 (9.88\%) |
| Q2 | 14825 (61.45\%) | 5736 (23.78\%) | 3565 (14.78\%) |
| Q3 | 14665 (60.79\%) | 8447 (35.01\%) | 1014 (4.20\%) |
| Q4 | 8256 (34.22\%) | 12521 (51.90\%) | 3349 (13.88\%) |
| Q5 | 13779 (57.11\%) | 6093 (25.25\%) | 4254 (17.63\%) |
| Q6 | 18570 (76.97\%) | 4693 (19.45\%) | 863 (3.58\%) |
| Q7 | 9379 (38.88\%) | 12019 (49.82\%) | 2728 (11.31\%) |
| Q8 | 9886 (40.98\%) | 8655 (35.87\%) | 5585 (23.15\%) |
| Q9 | 4992 (20.69\%) | 17929 (74.31\%) | 1205 (4.99\%) |
| Q10 | 16922 (70.14\%) | 4354 (18.05\%) | 2850 (11.81\%) |
| Q11 | 10320 (42.78\%) | 9782 (40.55\%) | 4024 (16.68\%) |
| Q12 | 15594 (64.64\%) | 7860 (32.58\%) | 672 (2.79\%) |
| Q13 | 10166 (42.14\%) | 12486 (51.75\%) | 1474 (6.11\%) |
| Q14 | 15728 (65.19\%) | 6900 (28.60\%) | 1498 (6.21\%) |
| Q15 | 8127 (33.69\%) | 10173 (42.17\%) | 5826 (24.15\%) |
| Q16 | 10122 (41.95\%) | 4202 (17.42\%) | 9802 (40.63\%) |
| Q17 | 11441 (47.42\%) | 9180 (38.05\%) | 3505 (14.53\%) |
| Q18 | 14966 (62.03\%) | 4405 (18.26\%) | 4755 (19.71\%) |
| Q19 | 15519 (64.32\%) | 3992 (16.55\%) | 4615 (19.13\%) |
| Q20 | 17920 (74.28\%) | 3119 (12.93\%) | 3087 (12.80\%) |
| Q21 | 5351 (22.18\%) | 13557 (56.19\%) | 5218 (21.63\%) |

TABLE A5. Middle School Survey Response Frequencies by Engagement Type

|  | Middle School <br> Committed |  |  |
| :--- | :---: | :---: | :---: |
|  | Response Count and Frequency $(\mathrm{n}=23,638)$ |  |  |
| Compliant | Disengaged |  |  |
| Q1 | $6326(26.76 \%)$ | $10577(44.75 \%)$ | $6735(28.49 \%)$ |
| Q2 | $13263(56.11 \%)$ | $6386(27.02 \%)$ | $3989(16.88 \%)$ |
| Q3 | $6622(28.01 \%)$ | $13857(58.62 \%)$ | $3159(13.36 \%)$ |
| Q4 | $11992(50.73 \%)$ | $8726(36.92 \%)$ | $2920(12.35 \%)$ |
| Q5 | $13265(56.12 \%)$ | $9533(40.33 \%)$ | $840(3.55 \%)$ |
| Q6 | $9941(42.06 \%)$ | $9215(38.98 \%)$ | $4482(18.96 \%)$ |
| Q7 | $6772(28.65 \%)$ | $12787(54.10 \%)$ | $4079(17.26 \%)$ |
| Q8 | $8416(35.60 \%)$ | $8079(34.18 \%)$ | $7143(30.22 \%)$ |
| Q9 | $3594(15.20 \%)$ | $17191(72.73 \%)$ | $2853(12.07 \%)$ |
| Q10 | $9467(40.05 \%)$ | $6806(28.79 \%)$ | $7365(31.16 \%)$ |
| Q11 | $3036(12.84 \%)$ | $16253(68.76 \%)$ | $4349(18.40 \%)$ |
| Q12 | $16085(68.05 \%)$ | $6751(28.56 \%)$ | $802(3.39 \%)$ |
| Q13 | $6006(25.41 \%)$ | $14081(59.57 \%)$ | $3551(15.02 \%)$ |
| Q14 | $11392(48.19 \%)$ | $7867(33.28 \%)$ | $4379(18.53 \%)$ |
| Q15 | $4781(20.23 \%)$ | $10822(45.78 \%)$ | $8035(33.99 \%)$ |
| Q16 | $2655(11.23 \%)$ | $10768(45.55 \%)$ | $10215(43.21 \%)$ |
| Q17 | $12820(54.23 \%)$ | $7116(30.10 \%)$ | $3702(15.66 \%)$ |
| Q18 | $7335(31.03 \%)$ | $7022(29.71 \%)$ | $9281(39.26 \%)$ |
| Q19 | $7125(30.14 \%)$ | $12239(51.78 \%)$ | $4274(18.08 \%)$ |
| Q20 | $10746(45.46 \%)$ | $9936(42.03 \%)$ | $2956(12.51 \%)$ |
| Q21 | $4709(19.92 \%)$ | $12150(51.40 \%)$ | $6779(28.68 \%)$ |

TABLE A6. High School Survey Response Frequencies by Engagement Type

|  | High School Response Count and Frequency ( $\mathrm{n}=\mathbf{2 7 , 6 7 0 \text { ) }}$ |  |  |
| :---: | :---: | :---: | :---: |
|  | Committed | Compliant | Disengaged |
| Q1 | 6907 (24.96\%) | 12242 (44.24\%) | 8521 (30.80\%) |
| Q2 | 13526 (48.88\%) | 8101 (29.28\%) | 6043 (21.84\%) |
| Q3 | 8482 (30.65\%) | 14185 (51.26\%) | 5003 (18.08\%) |
| Q4 | 9591 (34.66\%) | 12717 (45.96\%) | 5362 (19.38\%) |
| Q5 | 15483 (55.96\%) | 11242 (40.63\%) | 945 (3.42\%) |
| Q6 | 9303 (33.62\%) | 12910 (46.66\%) | 5457 (19.72\%) |
| Q7 | 7151 (25.84\%) | 14848 (53.66\%) | 5671 (20.50\%) |
| Q8 | 6469 (23.38\%) | 18350 (66.32\%) | 2851 (10.30\%) |
| Q9 | 5128 (18.53\%) | 18513 (66.91\%) | 4029 (14.56\%) |
| Q10 | 11828 (42.75\%) | 7657 (27.67\%) | 8185 (29.58\%) |
| Q11 | 3854 (13.93\%) | 18191 (65.74\%) | 5625 (20.33\%) |
| Q12 | 11668 (42.17\%) | 13539 (48.93\%) | 2463 (8.90\%) |
| Q13 | 6151 (22.23\%) | 15387 (55.61\%) | 6132 (22.16\%) |
| Q14 | 8255 (29.83\%) | 14403 (52.05\%) | 5012 (18.11\%) |
| Q15 | 5806 (20.98\%) | 10552 (38.14\%) | 11312 (40.88\%) |
| Q16 | 1857 (6.71\%) | 14887 (53.80\%) | 10926 (39.49\%) |
| Q17 | 13459 (48.64\%) | 10284 (37.17\%) | 3927 (14.19\%) |
| Q18 | 9808 (35.45\%) | 6492 (23.46\%) | 11370 (41.09\%) |
| Q19 | 6588 (23.81\%) | 15796 (57.09\%) | 5286 (19.10\%) |
| Q20 | 11430 (41.31\%) | 10912 (39.44\%) | 5328 (19.26\%) |
| Q21 | 5749 (20.78\%) | 14829 (53.59\%) | 7092 (25.63\%) |

## Appendix B: SES Questions

## TABLE B1. Cognia's Elementary School Student Engagement Survey Item

 Text| Domain | Position | Elementary School Item Text |
| :---: | :---: | :---: |
| Behavioral | 01 | During class, I... |
|  | 02 | If a student is upset, I... |
|  | 03 | If the classwork is hard to do, I... |
|  | 04 | Following class rules... |
|  | 05 | When I work in a group, I... |
|  | 06 | When I am given a task, I... |
| Cognitive | 07 | School rules... |
|  | 08 | Which one is most like you? |
|  | 09 | In class, I... |
|  | 10 | Learning goals... |
|  | 11 | When I have a test, I... |
|  | 12 | When my teacher asks me a question, I... |
| Emotional | 13 | The skills I learn in class... |
|  | 14 | Class activities... |
|  | 15 | How do you feel when you say something in class? |
|  | 16 | At the end of the school day, I feel... |
|  | 17 | When I need help, I... |
|  | 18 | How do you feel about your school? |
|  | 19 | I feel my schoolwork is... |
|  | 20 | When there is a school activity, I... |
|  | 21 | What makes you feel good as a student? |

TABLE B2. Cognia's Middle School Student Engagement Survey Item Text

| Domain | Position | Middle School Item Text |
| :---: | :---: | :---: |
| Behavioral | 01 | During class... |
|  | 02 | If I see or hear about another student being picked on, I... |
|  | 03 | If the classwork is hard to do, I... |
|  | 04 | Following class rules... |
|  | 05 | When I work in a group, I... |
|  | 06 | When given a task, I... |
| Cognitive | 07 | School rules... |
|  | 08 | Which response describes how you best learn? |
|  | 09 | In class, I... |
|  | 10 | Having learning goals... |
|  | 11 | To prepare for a test, I... |
|  | 12 | When my teacher asks me a question, I... |
| Emotional | 13 | The skills I am being taught... |
|  | 14 | The class activities... |
|  | 15 | How do you feel when you say something in front of the class? |
|  | 16 | What response best describes how you feel at the end of the day? |
|  | 17 | Which statement best describes your relationship with your teachers? |
|  | 18 | How do you feel about your school? |
|  | 19 | When I think about my schoolwork, I... |
|  | 20 | When there is a school activity, I... |
|  | 21 | What makes you feel successful as a student? |

TABLE B3. Cognia's High School Student Engagement Survey Item Text

| Domain | Position | High School Item Text |
| :---: | :---: | :---: |
| Behavioral | 01 | During class... |
|  | 02 | If a student is being picked on, I... |
|  | 03 | If the classwork is hard to do, I... |
|  | 04 | Following class routines... |
|  | 05 | When I work in a group, I... |
|  | 06 | When an assignment is given, I... |
| Cognitive | 07 | School rules... |
|  | 08 | Which response best describes how you see yourself as a student? |
|  | 09 | When I am in class, I... |
|  | 10 | Having personal learning goals... |
|  | 11 | To prepare for a test, I... |
|  | 12 | When I don't understand something, I... |
| Emotional | 13 | The skills I am being taught... |
|  | 14 | The class activities... |
|  | 15 | How do you feel when you say something in front of the class? |
|  | 16 | Which response best describes how you feel at the end of the day? |
|  | 17 | Which statement best describes your relationship with your teachers? |
|  | 18 | What do you like most about your school? |
|  | 19 | When I think about my schoolwork, I... |
|  | 20 | When there is a school activity, I... |
|  | 21 | What makes you feel successful as a student? |

## Appendix C: Participating Districts and Schools

TABLE C1. North Dakota Districts and Schools that Participated in 2021-22 Cognia Student Engagement Survey

| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1001958951 | Munich Elementary School | Elem. | 21 | 76\% | 62\% | 62\% |
| 1001958951 | Munich Elementary School | Middle | 21 | 52\% | 29\% | 48\% |
| 1001958953 | Munich High School | High | 19 | 21\% | 16\% | 26\% |
| 1002351533 | Langdon Area High School | High | 92 | 36\% | 12\% | 20\% |
| 1002351533 | Langdon Area High School | Middle | 51 | 37\% | 25\% | 16\% |
| 1002351541 | Langdon Area Elementary School | Elem. | 78 | 65\% | 51\% | 68\% |
| 1002351541 | Langdon Area Elementary School | Middle | 24 | 50\% | 42\% | 38\% |
| 101335991 | Hettinger Elementary School | Elem. | 59 | 66\% | 54\% | 75\% |
| 101335991 | Hettinger Elementary School | Middle | 20 | 75\% | 45\% | 50\% |
| 101335993 | Hettinger High School | High | 74 | 38\% | 16\% | 34\% |
| 101335993 | Hettinger High School | Middle | 34 | 24\% | 38\% | 32\% |
| 1104023331 | Ellendale Elementary School | Elem. | 55 | 71\% | 73\% | 69\% |
| 1104023331 | Ellendale Elementary School | Middle | 61 | 57\% | 49\% | 43\% |
| 1104023333 | Ellendale High School | High | 69 | 30\% | 10\% | 16\% |
| 1104054811 | Maple River Colony School | Elem. | 22 | 55\% | 23\% | 68\% |
| 1104054811 | Maple River Colony School | Middle | 11 | 64\% | 55\% | 64\% |
| 1104054893 | Ellendale High Virtual Academy | High | 1 | 100\% | 0\% | 0\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1104133081 | Oakes Elementary School | Elem. | 104 | 69\% | 62\% | 52\% |
| 1104133081 | Oakes Elementary School | Middle | 36 | 31\% | 33\% | 28\% |
| 1104162153 | Oakes High School | High | 153 | 27\% | 12\% | 14\% |
| 1104162153 | Oakes High School | Middle | 79 | 30\% | 28\% | 18\% |
| 1200118601 | Divide County Elementary School | Elem. | 85 | 51\% | 48\% | 61\% |
| 1200118601 | Divide County Elementary School | Middle | 19 | 47\% | 32\% | 21\% |
| 1200118663 | Divide County High School | High | 104 | 34\% | 9\% | 14\% |
| 1200118663 | Divide County High School | Middle | 62 | 34\% | 23\% | 24\% |
| 1301649271 | Killdeer Elementary School | Elem. | 129 | 58\% | 61\% | 64\% |
| 1301649271 | Killdeer Elementary School | Middle | 34 | 50\% | 44\% | 47\% |
| 1301649273 | $\begin{aligned} & \text { Killdeer High } \\ & \text { School } \end{aligned}$ | High | 154 | 36\% | 23\% | 26\% |
| 1301649273 | Killdeer High School | Middle | 85 | 47\% | 31\% | 25\% |
| 1301933901 | Halliday Elementary School | Elem. | 11 | 73\% | 64\% | 82\% |
| 1301933901 | Halliday Elementary School | Middle | 2 | 50\% | 0\% | 100\% |
| 1303785821 | Twin Buttes Elementary School | Elem. | 22 | 59\% | 64\% | 73\% |
| 1303785821 | Twin Buttes Elementary School | Middle | 15 | 27\% | 40\% | 13\% |
| 1400259711 | New RockfordSheyenne Elementary School | Elem. | 55 | 62\% | 55\% | 62\% |
| 1400259711 | New RockfordSheyenne Elementary School | Middle | 22 | 32\% | 36\% | 32\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1400259713 | New RockfordSheyenne High School | High | 79 | 27\% | 19\% | 27\% |
| 1400259713 | New RockfordSheyenne High School | Middle | 43 | 44\% | 37\% | 26\% |
| 1500635251 | Hazelton-Moffit Braddock Elementary School | Elem. | 31 | 74\% | 55\% | 68\% |
| 1500635251 | Hazelton-Moffit Braddock Elementary School | Middle | 7 | 57\% | 57\% | 57\% |
| 1500635253 | Hazelton-MoffitBraddock High School | High | 45 | 38\% | 22\% | 22\% |
| 1500635253 | Hazelton-MoffitBraddock High School | Middle | 21 | 52\% | 38\% | 19\% |
| 1501007721 | Bakker Elementary School | Elem. | 1 | 100\% | 100\% | 0\% |
| 1501582481 | Strasburg Elementary School | Elem. | 21 | 95\% | 76\% | 86\% |
| 1501582481 | Strasburg Elementary School | Middle | 11 | 73\% | 55\% | 82\% |
| 1501582483 | Strasburg High School | High | 44 | 66\% | 41\% | 64\% |
| 1501582483 | Strasburg High School | Middle | 15 | 47\% | 80\% | 67\% |
| 1503652881 | Linton Elementary School | Elem. | 43 | 86\% | 65\% | 72\% |
| 1503652881 | Linton Elementary School | Middle | 48 | 48\% | 33\% | 40\% |
| 1503652883 | Linton High School | High | 78 | 40\% | 23\% | 32\% |
| 1604913031 | Carrington Elementary School | Elem. | 120 | 67\% | 58\% | 63\% |
| 1604913031 | Carrington Elementary School | Middle | 50 | 56\% | 26\% | 44\% |
| 1604913043 | Carrington High School | High | 148 | 40\% | 23\% | 26\% |
| 1604913043 | Carrington High School | Middle | 78 | 37\% | 32\% | 31\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1700308503 | Beach High School | High | 59 | 24\% | 14\% | 22\% |
| 1700308503 | Beach High School | Middle | 34 | 47\% | 44\% | 29\% |
| 1700352781 | Lincoln Elementary School | Middle | 14 | 71\% | 43\% | 50\% |
| 1700631911 | Golva Elementary School | Elem. | 9 | 78\% | 44\% | 67\% |
| 1700631911 | Golva Elementary School | Middle | 17 | 53\% | 41\% | 59\% |
| 1800108921 | Phoenix Elementary School | Elem. | 93 | 54\% | 67\% | 54\% |
| 1800108961 | Ben Franklin Elementary School | Elem. | 128 | 59\% | 60\% | 59\% |
| 1800113641 | Century Elementary School | Elem. | 196 | 69\% | 58\% | 61\% |
| 1800118561 | Discovery Elementary School | Elem. | 231 | 68\% | 60\% | 63\% |
| 1800132393 | Central High School | High | 743 | 42\% | 20\% | 30\% |
| 1800144991 | J Nelson Kelly Elementary School | Elem. | 230 | 73\% | 59\% | 64\% |
| 1800151251 | Lake Agassiz Elementary School | Elem. | 175 | 62\% | 59\% | 57\% |
| 1800152251 | Lewis \& Clark Elementary School | Elem. | 75 | 68\% | 68\% | 51\% |
| 1800159831 | Nathan Twining Elementary School | Elem. | 88 | 67\% | 66\% | 57\% |
| 1800159832 | Nathan Twining Middle School | Middle | 60 | 52\% | 30\% | 37\% |
| 1800173603 | Red River High School | High | 801 | 43\% | 23\% | 33\% |
| 1800177712 | Schroeder Middle School | Middle | 467 | 47\% | 31\% | 30\% |
| 1800180622 | South Middle School | Middle | 490 | 44\% | 31\% | 29\% |
| 1800189752 | Valley Middle School | Middle | 472 | 44\% | 30\% | 23\% |
| 1800190341 | Viking Elementary School | Elem. | 106 | 73\% | 66\% | 75\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1800194061 | Wilder Elementary School | Elem. | 63 | 59\% | 54\% | 60\% |
| 1800194751 | Winship Elementary School | Elem. | 121 | 61\% | 54\% | 48\% |
| 1804451631 | Larimore Elementary | Elem. | 76 | 75\% | 57\% | 75\% |
| 1804451631 | Larimore Elementary School | Middle | 29 | 69\% | 59\% | 69\% |
| 1804451693 | Larimore High School | High | 76 | 36\% | 26\% | 32\% |
| 1804451693 | Larimore High School | Middle | 61 | 64\% | 36\% | 38\% |
| 1806184161 | Thompson Elementary School | Elem. | 142 | 76\% | 66\% | 66\% |
| 1806184161 | Thompson Elementary School | Middle | 44 | 57\% | 32\% | 34\% |
| 1806184163 | Thompson High School | High | 164 | 35\% | 17\% | 21\% |
| 1806184163 | Thompson High School | Middle | 97 | 46\% | 19\% | 25\% |
| 1812554731 | Manvel Elementary School | Elem. | 58 | 57\% | 59\% | 62\% |
| 1812554731 | Manvel Elementary School | Middle | 50 | 54\% | 30\% | 32\% |
| 1812723621 | Emerado Elementary School | Elem. | 21 | 62\% | 71\% | 76\% |
| 1812723621 | Emerado Elementary School | Middle | 29 | 45\% | 55\% | 34\% |
| 1812857071 | Midway Elementary School | Elem. | 32 | 53\% | 53\% | 66\% |
| 1812857071 | Midway Elementary School | Middle | 33 | 42\% | 33\% | 27\% |
| 1812857073 | Midway High School | High | 40 | 32\% | 10\% | 18\% |
| 1812961341 | Northwood Elementary School | Elem. | 84 | 73\% | 69\% | 74\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 1812961341 | Northwood Elementary School | Middle | 33 | 64\% | 58\% | 45\% |
| 1812961343 | Northwood High School | High | 88 | 34\% | 19\% | 30\% |
| 1812961343 | Northwood High School | Middle | 41 | 41\% | 29\% | 29\% |
| 1901813061 | Roosevelt Elementary School | Elem. | 20 | 50\% | 65\% | 55\% |
| 1901813061 | Roosevelt Elementary School | Middle | 14 | 29\% | 14\% | 14\% |
| 1904923281 | Elgin-New Leipzig Elementary School | Elem. | 36 | 67\% | 58\% | 36\% |
| 1904923281 | Elgin-New Leipzig Elementary School | Middle | 14 | 71\% | 29\% | 64\% |
| 1904923283 | Elgin-New Leipzig High School | High | 42 | 38\% | 21\% | 33\% |
| 1904923283 | Elgin-New Leipzig High School | Middle | 20 | 55\% | 45\% | 30\% |
| 2000709581 | Midkota Elementary School | Elem. | 39 | 59\% | 62\% | 79\% |
| 2000709581 | Midkota Elementary School | Middle | 11 | 82\% | 27\% | 55\% |
| 2000731723 | Midkota High School | High | 48 | 42\% | 23\% | 31\% |
| 2000731723 | Midkota High School | Middle | 26 | 23\% | 12\% | 12\% |
| 2001815551 | Griggs County Central Elementary School | Elem. | 55 | 75\% | 58\% | 76\% |
| 2001815551 | Griggs County Central Elementary School | Middle | 54 | 43\% | 30\% | 28\% |
| 2001815553 | Griggs County Central High School | High | 74 | 34\% | 18\% | 14\% |
| 200246011 | Jefferson Elementary School | Elem. | 65 | 77\% | 63\% | 75\% |
| 200289542 | Valley City Junior High School | Middle | 157 | 41\% | 31\% | 24\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 200289543 | Valley City High School | High | 354 | 40\% | 25\% | 30\% |
| 200292411 | Washington Elementary School | Elem. | 131 | 60\% | 59\% | 60\% |
| 200292411 | Washington Elementary School | Middle | 76 | 51\% | 41\% | 39\% |
| 200794631 | Barnes County North Elementary School | Elem. | 33 | 73\% | 76\% | 76\% |
| 200794631 | Barnes County North Elementary School | Middle | 50 | 38\% | 42\% | 34\% |
| 200794633 | Barnes County North High School | High | 70 | 33\% | 11\% | 16\% |
| 204652981 | Litchville-Marion Elementary School | Elem. | 32 | 56\% | 53\% | 59\% |
| 204654833 | Litchville-Marion High School | High | 21 | 33\% | 29\% | 38\% |
| 204654833 | Litchville-Marion High School | Middle | 29 | 28\% | 28\% | 31\% |
| 2100158581 | Mott-Regent Elementary School | Elem. | 41 | 39\% | 54\% | 56\% |
| 2100158581 | Mott-Regent Elementary School | Middle | 20 | 45\% | 55\% | 50\% |
| 2100158583 | Mott-Regent High School | High | 53 | 32\% | 17\% | 19\% |
| 2100158583 | Mott-Regent High School | Middle | 32 | 47\% | 34\% | 22\% |
| 2100960261 | New England Elementary School | Elem. | 66 | 67\% | 62\% | 61\% |
| 2100960261 | New England Elementary School | Middle | 23 | 48\% | 35\% | 39\% |
| 2100960263 | New England High School | High | 68 | 38\% | 16\% | 24\% |
| 2100960263 | New England High School | Middle | 41 | 39\% | 32\% | 27\% |
| 2200182321 | Steele-Dawson Elementary School | Elem. | 86 | 72\% | 60\% | 66\% |
| 2200182321 | Steele-Dawson Elementary School | Middle | 24 | 58\% | 42\% | 50\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 2200182323 | Steele-Dawson High School | High | 88 | 40\% | 19\% | 20\% |
| 2200182323 | Steele-Dawson High School | Middle | 57 | 49\% | 32\% | 19\% |
| 2300321061 | Willow Bank Colony School | Elem. | 8 | 62\% | 50\% | 62\% |
| 2300321061 | Willow Bank Colony School | Middle | 10 | 70\% | 40\% | 40\% |
| 2300321071 | Edgeley Elementary | Elem. | 40 | 70\% | 62\% | 60\% |
| 2300321071 | Edgeley Elementary | Middle | 18 | 67\% | 39\% | 61\% |
| 2300321073 | Edgeley High School | High | 67 | 37\% | 12\% | 28\% |
| 2300321073 | Edgeley High School | Middle | 29 | 45\% | 41\% | 21\% |
| 2300750721 | Kulm Elementary School | Elem. | 22 | 45\% | 64\% | 73\% |
| 2300750721 | Kulm Elementary | Middle | 27 | 44\% | 37\% | 30\% |
| 2300750723 | Kulm High School | High | 39 | 36\% | 10\% | 21\% |
| 2300851451 | LaMoure Elementary School | Elem. | 44 | 70\% | 48\% | 52\% |
| 2300851451 | LaMoure Elementary School | Middle | 35 | 40\% | 49\% | 26\% |
| 2300851453 | LaMoure High School | High | 80 | 35\% | 22\% | 40\% |
| 2400259771 | Napoleon Elementary School | Elem. | 48 | 67\% | 58\% | 60\% |
| 2400259771 | Napoleon Elementary School | Middle | 18 | 50\% | 39\% | 44\% |
| 2400259773 | Napoleon High School | High | 69 | 33\% | 13\% | 23\% |
| 2400259773 | Napoleon High School | Middle | 35 | 49\% | 34\% | 29\% |
| 2405630131 | Gackle-Streeter Elementary School | Elem. | 29 | 69\% | 55\% | 83\% |
| 2405630131 | Gackle-Streeter Elementary School | Middle | 26 | 65\% | 35\% | 58\% |
| 2405630133 | Gackle-Streeter High School | High | 24 | 29\% | 25\% | 38\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 2500190031 | Velva Elementary School | Elem. | 87 | 56\% | 69\% | 60\% |
| 2500190031 | Velva Elementary School | Middle | 38 | 58\% | 58\% | 34\% |
| 2500190033 | Velva High School | High | 118 | 28\% | 13\% | 15\% |
| 2500190033 | Velva High School | Middle | 78 | 32\% | 29\% | 22\% |
| 2501403891 | Anamoose Elementary School | Elem. | 33 | 58\% | 45\% | 45\% |
| 2501403891 | Anamoose Elementary School | Middle | 11 | 55\% | 36\% | 64\% |
| 2505719253 | Drake High School | High | 36 | 39\% | 14\% | 42\% |
| 2505719253 | Drake High School | Middle | 28 | 39\% | 39\% | 29\% |
| 2506032531 | TGU-Granville Elementary School | Elem. | 34 | 62\% | 62\% | 71\% |
| 2506032531 | TGU-Granville Elementary School | Middle | 23 | 48\% | 52\% | 30\% |
| 2506032533 | TGU-Granville High School | High | 51 | 53\% | 20\% | 31\% |
| 2506060461 | TGU-Towner Elementary School | Elem. | 52 | 73\% | 65\% | 79\% |
| 2506060461 | TGU-Towner Elementary School | Middle | 47 | 40\% | 36\% | 40\% |
| 2506060463 | TGU-Towner High School | High | 39 | 15\% | 13\% | 38\% |
| 2600498491 | Zeeland Elementary School | Elem. | 8 | 62\% | 75\% | 88\% |
| 2600498491 | $\begin{aligned} & \text { Zeeland } \\ & \text { Elementary } \\ & \text { School } \end{aligned}$ | Middle | 3 | 0\% | 33\% | 100\% |
| 2600498493 | $\begin{aligned} & \text { Zeeland High } \\ & \text { School } \end{aligned}$ | High | 9 | 11\% | 11\% | 11\% |
| 2600498493 | $\begin{aligned} & \text { Zeeland High } \\ & \text { School } \end{aligned}$ | Middle | 4 | 50\% | 50\% | 0\% |
| 2600905391 | Ashley Elementary School | Elem. | 31 | 77\% | 74\% | 87\% |
| 2600905391 | Ashley Elementary School | Middle | 6 | 50\% | 50\% | 67\% |
| 2600905393 | Ashley High School | High | 47 | 36\% | 17\% | 26\% |
| 2600905393 | Ashley High School | Middle | 21 | 38\% | 14\% | 10\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 2601994771 | Wishek Elementary School | Elem. | 45 | 56\% | 58\% | 76\% |
| 2601994771 | Wishek Elementary School | Middle | 22 | 27\% | 27\% | 14\% |
| 2601994773 | Wishek High School | High | 45 | 33\% | 16\% | 20\% |
| 2601994773 | Wishek High School | Middle | 30 | 37\% | 23\% | 17\% |
| 2700156063 | Watford City High School | High | 403 | 36\% | 19\% | 30\% |
| 2700156071 | Badlands Elementary School | Elem. | 200 | 68\% | 64\% | 74\% |
| 2700156092 | Watford City Middle School | Middle | 406 | 49\% | 37\% | 41\% |
| 2700156111 | Fox Hills Elementary School | Elem. | 201 | 70\% | 60\% | 54\% |
| 2700156123 | Wolves Center Academy | High | 17 | 24\% | 47\% | 59\% |
| 2700203151 | Alexander Elementary School | Elem. | 51 | 75\% | 61\% | 71\% |
| 2700203151 | Alexander Elementary School | Middle | 17 | 53\% | 41\% | 41\% |
| 2700203153 | Alexander High School | High | 64 | 47\% | 22\% | 25\% |
| 2700203153 | Alexander High School | Middle | 45 | 38\% | 40\% | 29\% |
| 2701427411 | East Fairview School | Elem. | 23 | 83\% | 87\% | 78\% |
| 2701427411 | $\begin{gathered} \hline \text { East Fairview } \\ \text { School } \\ \hline \end{gathered}$ | Middle | 24 | 58\% | 38\% | 25\% |
| 2703237411 | Horse Creek School | Elem. | 3 | 67\% | 67\% | 100\% |
| 2703237411 | Horse Creek School | Middle | 4 | 25\% | 50\% | 100\% |
| 2703654591 | Mandaree Elementary School | Elem. | 41 | 56\% | 63\% | 76\% |
| 2703654591 | Mandaree Elementary School | Middle | 52 | 35\% | 40\% | 33\% |
| 2703654593 | Mandaree High School | High | 38 | 42\% | 21\% | 24\% |
| 2800194511 | Wilton Elementary School | Elem. | 50 | 68\% | 76\% | 74\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 2800194511 | Wilton Elementary School | Middle | 22 | 45\% | 41\% | 27\% |
| 2800194513 | Wilton High School | High | 58 | 50\% | 29\% | 24\% |
| 2800194513 | Wilton High School | Middle | 39 | 54\% | 28\% | 26\% |
| 2800492391 | Washburn Elementary School | Elem. | 60 | 73\% | 62\% | 77\% |
| 2800492391 | Washburn Elementary School | Middle | 21 | 71\% | 62\% | 38\% |
| 2800492393 | Washburn High School | High | 79 | 42\% | 19\% | 19\% |
| 2800492393 | Washburn High School | Middle | 53 | 42\% | 40\% | 34\% |
| 2800888061 | Underwood Elementary School | Elem. | 50 | 60\% | 58\% | 66\% |
| 2800888061 | Underwood Elementary School | Middle | 16 | 31\% | 50\% | 56\% |
| 2800888063 | Underwood High School | High | 62 | 29\% | 13\% | 26\% |
| 2800888063 | Underwood High School | Middle | 26 | 50\% | 27\% | 19\% |
| 2805055191 | Max Elementary School | Elem. | 36 | 56\% | 61\% | 69\% |
| 2805055191 | Max Elementary School | Middle | 11 | 55\% | 36\% | 36\% |
| 2805055193 | Max High School | High | 50 | 34\% | 20\% | 24\% |
| 2805055193 | Max High School | Middle | 28 | 61\% | 25\% | 36\% |
| 2805109901 | Bob Callies Elementary School | Elem. | 82 | 79\% | 62\% | 62\% |
| 2805109901 | Bob Callies Elementary School | Middle | 28 | 46\% | 39\% | 50\% |
| 2805130523 | Garrison High School | High | 86 | 35\% | 14\% | 20\% |
| 2805130523 | Garrison High School | Middle | 36 | 36\% | 36\% | 11\% |
| 2807285621 | Turtle LakeMercer Elementary School | Elem. | 45 | 84\% | 53\% | 73\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 2807285621 | Turtle LakeMercer Elementary School | Middle | 21 | 67\% | 48\% | 52\% |
| 2807285623 | Turtle LakeMercer High School | High | 47 | 34\% | 21\% | 30\% |
| 2807285623 | Turtle LakeMercer High School | Middle | 19 | 47\% | 42\% | 37\% |
| 2808593631 | White Shield Elementary School | Elem. | 41 | 49\% | 59\% | 80\% |
| 2808593631 | White Shield Elementary School | Middle | 47 | 26\% | 28\% | 28\% |
| 2808593633 | White Shield High School | High | 37 | 38\% | 30\% | 27\% |
| 2900335281 | Hazen Elementary School | Elem. | 128 | 66\% | 65\% | 67\% |
| 2900335293 | Hazen High School | High | 172 | 44\% | 24\% | 35\% |
| 2900335302 | $\begin{gathered} \text { Hazen Middle } \\ \text { School } \end{gathered}$ | Middle | 115 | 50\% | 30\% | 33\% |
| 2902709243 | $\begin{aligned} & \text { Beulah High } \\ & \text { School } \end{aligned}$ | High | 183 | 42\% | 23\% | 26\% |
| 2902709262 | $\begin{aligned} & \text { Beulah Middle } \\ & \text { School } \end{aligned}$ | Elem. | 53 | 68\% | 47\% | 62\% |
| 2902709262 | Beulah Middle School | Middle | 166 | 47\% | 37\% | 43\% |
| 2902709281 | Beulah Elementary School | Elem. | 105 | 65\% | 56\% | 72\% |
| 3000110573 | Brave Center Academy | High | 24 | 33\% | 25\% | 29\% |
| 3000116561 | Custer Elementary School | Elem. | 34 | 53\% | 65\% | 56\% |
| 3000129251 | Fort Lincoln Elementary School | Elem. | 216 | 61\% | 57\% | 61\% |
| 3000152281 | Lewis \& Clark Elementary School | Elem. | 118 | 70\% | 67\% | 74\% |
| 3000154533 | $\begin{gathered} \hline \text { Mandan High } \\ \text { School } \\ \hline \end{gathered}$ | High | 906 | 40\% | 20\% | 22\% |
| 3000154572 | Mandan Middle School | Middle | 744 | 44\% | 33\% | 28\% |
| 3000173611 | Red Trail Elementary | Elem. | 84 | 68\% | 64\% | 51\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3000175691 | Roosevelt Elementary School | Elem. | 87 | 70\% | 47\% | 63\% |
| 3000182861 | Mary Stark Elementary School | Elem. | 97 | 76\% | 54\% | 70\% |
| 3000182871 | Mandan K-8 <br> Elementary Virtual <br> Academy | Elem. | 5 | 40\% | 20\% | 60\% |
| 3000182871 | Mandan K-8 Elementary Virtual Academy | Middle | 8 | 12\% | 12\% | 0\% |
| 3000182883 | Mandan Virtual High School | High | 10 | 60\% | 20\% | 70\% |
| 3000481231 | Little Heart Elementary School | Elem. | 12 | 67\% | 83\% | 75\% |
| 3000481231 | Little Heart Elementary School | Middle | 3 | 0\% | 0\% | 0\% |
| 3001335371 | Hebron Elementary School | Elem. | 36 | 64\% | 58\% | 81\% |
| 3001335371 | Hebron Elementary School | Middle | 13 | 54\% | 54\% | 77\% |
| 3001335373 | $\begin{aligned} & \text { Hebron High } \\ & \text { School } \end{aligned}$ | High | 41 | 22\% | 24\% | 34\% |
| 3001335373 | Hebron High | Middle | 23 | 52\% | 57\% | 35\% |
| 3001782741 | Sweet Briar School | Elem. | 12 | 75\% | 92\% | 67\% |
| 3001782741 | Sweet Briar School | Middle | 4 | 100\% | 50\% | 75\% |
| 3003928541 | Flasher Elementary School | Elem. | 72 | 58\% | 51\% | 68\% |
| 3003928541 | Flasher Elementary School | Middle | 12 | 42\% | 42\% | 50\% |
| 3003928543 | Flasher High School | High | 72 | 51\% | 19\% | 24\% |
| 3003928543 | Flasher High School | Middle | 39 | 36\% | 36\% | 31\% |
| 3004831651 | Glen Ullin Elementary School | Elem. | 28 | 57\% | 46\% | 43\% |
| 3004831651 | Glen Ullin Elementary School | Middle | 43 | 37\% | 23\% | 30\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3004831653 | Glen Ullin High School | High | 44 | 32\% | 16\% | 30\% |
| 3004960333 | New SalemAlmont High School | High | 103 | 42\% | 13\% | 25\% |
| 3004960333 | New SalemAlmont High School | Middle | 40 | 50\% | 28\% | 20\% |
| 3004971761 | Prairie View Elementary School | Elem. | 70 | 66\% | 59\% | 56\% |
| 3004971761 | Prairie View Elementary School | Middle | 25 | 68\% | 44\% | 68\% |
| 300557411 | Minnewaukan Elementary School | Elem. | 60 | 55\% | 52\% | 62\% |
| 300557411 | Minnewaukan Elementary School | Middle | 48 | 31\% | 21\% | 17\% |
| 300557413 | Minnewaukan High School | High | 50 | 46\% | 20\% | 18\% |
| 300651841 | Leeds Elementary School | Elem. | 26 | 69\% | 69\% | 69\% |
| 300651841 | Leeds Elementary School | Middle | 32 | 56\% | 47\% | 56\% |
| 300651843 | Leeds High School | High | 28 | 61\% | 21\% | 29\% |
| 300909021 | Maddock Elementary School | Elem. | 27 | 67\% | 67\% | 74\% |
| 300909021 | Maddock Elementary School | Middle | 26 | 50\% | 27\% | 31\% |
| 300909023 | Maddock High School | High | 41 | 27\% | 29\% | 24\% |
| 301662261 | Oberon Elementary School | Elem. | 19 | 42\% | 42\% | 58\% |
| 301662261 | Oberon <br> Elementary School | Middle | 7 | 0\% | 29\% | 14\% |
| 302992191 | Warwick Elementary School | Elem. | 27 | 48\% | 30\% | 59\% |
| 302992192 | Warwick Middle School | Elem. | 16 | 19\% | 50\% | 50\% |
| 302992192 | Warwick Middle School | Middle | 42 | 31\% | 26\% | 33\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 302992193 | Warwick High School | High | 64 | 38\% | 23\% | 31\% |
| 303029103 | Four Winds High School | High | 120 | 26\% | 21\% | 14\% |
| 3100160361 | Edwin Loe Elementary School | Elem. | 212 | 51\% | 52\% | 52\% |
| 3100160361 | Edwin Loe Elementary School | Middle | 73 | 23\% | 33\% | 14\% |
| 3100160392 | New Town Middle School | Middle | 156 | 29\% | 28\% | 18\% |
| 3100160393 | New Town High School | High | 268 | 32\% | 24\% | 26\% |
| 3100282171 | Stanley Elementary School | Elem. | 178 | 73\% | 58\% | 65\% |
| 3100282171 | $\qquad$ | Middle | 58 | 50\% | 33\% | 29\% |
| 3100282183 | Stanley High School | High | 191 | 35\% | 19\% | 25\% |
| 3100282183 | $\begin{gathered} \text { Stanley High } \\ \text { School } \end{gathered}$ | Middle | 118 | 35\% | 31\% | 27\% |
| 3100369231 | Parshall Elementary School | Elem. | 64 | 55\% | 50\% | 47\% |
| 3100369253 | Parshall High School | High | 77 | 38\% | 16\% | 23\% |
| 3100369253 | $\begin{gathered} \text { Parshall High } \\ \text { School } \\ \hline \end{gathered}$ | Middle | 55 | 35\% | 33\% | 22\% |
| 3200156411 | Dakota Prairie Elementary School | Elem. | 66 | 74\% | 77\% | 77\% |
| 3200156411 | Dakota Prairie Elementary School | Middle | 26 | 58\% | 23\% | 42\% |
| 3200188263 | Dakota Prairie High School | High | 83 | 39\% | 25\% | 39\% |
| 3200188263 | Dakota Prairie High School | Middle | 31 | 52\% | 23\% | 32\% |
| 3206651363 | Lakota High School | High | 44 | 34\% | 11\% | 27\% |
| 3206651363 | Lakota High School | Middle | 24 | 38\% | 12\% | 21\% |
| 3206651371 | Lakota Elementary School | Elem. | 43 | 60\% | 49\% | 56\% |
| 3206651371 | Lakota Elementary School | Middle | 9 | 56\% | 22\% | 44\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3300113501 | Center-Stanton Elementary School | Elem. | 47 | 66\% | 47\% | 55\% |
| 3300113501 | Center-Stanton Elementary School | Middle | 17 | 59\% | 65\% | 53\% |
| 3300113503 | Center-Stanton High School | High | 71 | 48\% | 27\% | 34\% |
| 3300113503 | Center-Stanton High School | Middle | 44 | 36\% | 34\% | 41\% |
| 3400613231 | Cavalier Elementary School | Elem. | 89 | 62\% | 64\% | 65\% |
| 3400613233 | Cavalier High School | High | 102 | 31\% | 17\% | 19\% |
| 3400613233 | Cavalier High School | Middle | 70 | 50\% | 30\% | 21\% |
| 3401919281 | Drayton Elementary School | Middle | 22 | 32\% | 27\% | 27\% |
| 3401919283 | Drayton High | High | 35 | 26\% | 14\% | 23\% |
| 3410069821 | North BorderPembina Elementary School | Elem. | 29 | 76\% | 48\% | 55\% |
| 3410069821 | North BorderPembina Elementary School | Middle | 26 | 38\% | 23\% | 19\% |
| 3410069823 | North BorderPembina High School | High | 31 | 45\% | 23\% | 42\% |
| 3410091861 | North BorderWalhalla Elementary School | Elem. | 33 | 73\% | 61\% | 58\% |
| 3410091861 | North BorderWalhalla Elementary School | Middle | 50 | 56\% | 36\% | 26\% |
| 3410091863 | North BorderWalhalla High School | High | 60 | 43\% | 20\% | 22\% |
| 3411816261 | Valley-Edinburg Elementary School-Crystal | Elem. | 15 | 80\% | 73\% | 73\% |
| 3411816261 | Valley-Edinburg Elementary School-Crystal | Middle | 30 | 47\% | 23\% | 23\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3411821093 | Valley-Edinburg High School | High | 55 | 47\% | 20\% | 31\% |
| 3411837211 | Valley-Edinburg Elementary School-Hoople | Elem. | 12 | 75\% | 75\% | 75\% |
| 3500576143 | Rugby High School | High | 175 | 47\% | 22\% | 35\% |
| 3500576143 | $\begin{gathered} \hline \text { Rugby High } \\ \text { School } \end{gathered}$ | Middle | 103 | 45\% | 32\% | 18\% |
| 3500576161 | Rugby Ely Elementary School | Elem. | 127 | 71\% | 68\% | 60\% |
| 3500576161 | $\begin{aligned} & \hline \text { Rugby Ely } \\ & \text { Elementary } \\ & \text { School } \end{aligned}$ | Middle | 37 | 49\% | 51\% | 35\% |
| 3500576213 | Rugby Virtual High School | High | 3 | 0\% | 67\% | 67\% |
| 3600118293 | Devils Lake High School | High | 452 | 35\% | 19\% | 25\% |
| 3600118332 | Central Middle School | Elem. | 117 | 64\% | 53\% | 57\% |
| 3600118332 | Central Middle School | Middle | 321 | 47\% | 38\% | 34\% |
| 3600171781 | Prairie View Elementary School | Elem. | 100 | 64\% | 49\% | 57\% |
| 3600182801 | Sweetwater Elementary School | Elem. | 119 | 82\% | 76\% | 78\% |
| 3600221131 | Edmore Elementary School | Elem. | 7 | 71\% | 86\% | 100\% |
| 3600221131 | $\begin{aligned} & \text { Edmore } \\ & \text { Elementary } \\ & \text { School } \end{aligned}$ | Middle | 6 | 67\% | 50\% | 50\% |
| 3600221133 | Edmore High School | High | 8 | 62\% | 25\% | 75\% |
| 3604482301 | Starkweather Elementary School | Elem. | 9 | 44\% | 78\% | 89\% |
| 3604482301 | Starkweather Elementary School | Middle | 6 | 0\% | 67\% | 50\% |
| 3604482303 | Starkweather High School | High | 10 | 30\% | 10\% | 30\% |
| 3604482303 | Starkweather High School | Middle | 13 | 46\% | 23\% | 23\% |
| 3700628981 | Fort Ransom Elementary School | Elem. | 11 | 100\% | 82\% | 73\% |

Technical Brief

| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3700628981 | Fort Ransom Elementary School | Middle | 3 | 67\% | 100\% | 100\% |
| 3701952901 | Lisbon Elementary School | Elem. | 102 | 60\% | 55\% | 74\% |
| 3701952931 | Lisbon Middle School | Elem. | 34 | 74\% | 50\% | 65\% |
| 3701952931 | Lisbon Middle School | Middle | 125 | 52\% | 39\% | 33\% |
| 3701952963 | $\begin{aligned} & \text { Lisbon High } \\ & \text { School } \end{aligned}$ | High | 189 | 45\% | 23\% | 32\% |
| 3702423871 | Enderlin Area Elementary School | Elem. | 22 | 73\% | 55\% | 50\% |
| 3702423871 | Enderlin Area Elementary School | Middle | 23 | 43\% | 52\% | 43\% |
| 3702423873 | Enderlin Area High School | High | 84 | 40\% | 17\% | 31\% |
| 3702423873 | Enderlin Area High School | Middle | 43 | 49\% | 23\% | 30\% |
| 3702432521 | Grant Colony School | Elem. | 2 | 100\% | 0\% | 0\% |
| 3702432521 | Grant Colony School | Middle | 2 | 0\% | 0\% | 0\% |
| 3800157781 | MLS-Mohall Elementary School | Elem. | 59 | 69\% | 59\% | 66\% |
| 3800157781 | MLS-Mohall Elementary School | Middle | 24 | 62\% | 46\% | 54\% |
| 3800157783 | MLS-Mohall High School | High | 88 | 44\% | 20\% | 23\% |
| 3800157783 | MLS-Mohall High School | Middle | 46 | 46\% | 28\% | 13\% |
| 3802631691 | Glenburn Elementary School | Elem. | 57 | 61\% | 63\% | 68\% |
| 3802631691 | Glenburn Elementary School | Middle | 19 | 53\% | 37\% | 42\% |
| 3802631693 | Glenburn High School | High | 62 | 29\% | 27\% | 24\% |
| 3802631693 | Glenburn High School | Middle | 31 | 45\% | 52\% | 35\% |
| 3900834321 | Hankinson Elementary School | Elem. | 55 | 64\% | 45\% | 56\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3900834321 | Hankinson Elementary School | Middle | 18 | 78\% | 56\% | 56\% |
| 3900834323 | Hankinson High School | High | 72 | 38\% | 31\% | 24\% |
| 3900834323 | Hankinson High School | Middle | 31 | 39\% | 42\% | 42\% |
| 3901827391 | Fairmount Elementary School | Elem. | 20 | 65\% | 75\% | 65\% |
| 3901827391 | Fairmount Elementary School | Middle | 9 | 56\% | 33\% | 44\% |
| 3901827393 | Fairmount High School | High | 39 | 31\% | 21\% | 18\% |
| 3901827393 | Fairmount High School | Middle | 20 | 45\% | 35\% | 45\% |
| 3902852601 | Lidgerwood Elementary School | Elem. | 38 | 50\% | 55\% | 47\% |
| 3902852601 | Lidgerwood Elementary School | Middle | 14 | 14\% | 21\% | 21\% |
| 3902852603 | Lidgerwood High School | High | 54 | 39\% | 31\% | 43\% |
| 3902852603 | Lidgerwood High School | Middle | 24 | 54\% | 33\% | 38\% |
| 3903713621 | Wahpeton Elementary | Elem. | 236 | 65\% | 61\% | 64\% |
| 3903713632 | Wahpeton Middle School | Middle | 262 | 74\% | 71\% | 68\% |
| 3903791703 | Wahpeton High School | High | 377 | 37\% | 23\% | 35\% |
| 3904296271 | Wyndmere Elementary School | Elem. | 60 | 58\% | 52\% | 58\% |
| 3904296271 | Wyndmere Elementary School | Middle | 32 | 44\% | 22\% | 44\% |
| 3904296273 | Wyndmere High School | High | 51 | 35\% | 14\% | 39\% |
| 3904296273 | Wyndmere High School | Middle | 29 | 31\% | 28\% | 38\% |
| 3904420311 | Richland Elementary School | Elem. | 66 | 73\% | 58\% | 56\% |
| 3904420311 | Richland Elementary School | Middle | 18 | 50\% | 33\% | 44\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 3904461203 | Richland Jr-Sr High School | High | 71 | 39\% | 13\% | 23\% |
| 3904461203 | Richland Jr -Sr High School | Middle | 37 | 46\% | 32\% | 38\% |
| 4000119663 | Dunseith High School | High | 101 | 38\% | 27\% | 24\% |
| 4000119663 | Dunseith High School | Middle | 43 | 44\% | 40\% | 28\% |
| 4000119681 | Dunseith Elementary School | Elem. | 82 | 52\% | 52\% | 61\% |
| 4000119681 | Dunseith Elementary School | Middle | 39 | 46\% | 23\% | 46\% |
| 4000381521 | Saint John Elementary School | Elem. | 87 | 63\% | 62\% | 70\% |
| 4000381521 | Saint John Elementary School | Middle | 106 | 30\% | 20\% | 25\% |
| 4000381523 | Saint John High School | High | 90 | 38\% | 12\% | 21\% |
| 4000450551 | Mt Pleasant Elementary School | Elem. | 62 | 73\% | 66\% | 74\% |
| 4000450551 | Mt Pleasant Elementary School | Middle | 22 | 45\% | 36\% | 50\% |
| 4000450553 | $\begin{gathered} \text { Mt Pleasant High } \\ \text { School } \\ \hline \end{gathered}$ | High | 50 | 48\% | 38\% | 42\% |
| 4000450553 | Mt Pleasant High School | Middle | 38 | 53\% | 45\% | 26\% |
| 4000785651 | Turtle Mountain Elementary School | Elem. | 283 | 56\% | 52\% | 61\% |
| 4000785662 | Turtle Mountain Middle School | Middle | 245 | 44\% | 38\% | 32\% |
| 4000785673 | Turtle Mountain Community High School | High | 339 | 39\% | 26\% | 27\% |
| 400117801 | DeMores Elementary School | Elem. | 16 | 69\% | 56\% | 44\% |
| 400117801 | DeMores Elementary School | Middle | 11 | 55\% | 18\% | 55\% |
| 400171721 | Prairie Elementary School | Elem. | 18 | 83\% | 61\% | 89\% |
| 400171721 | Prairie Elementary School | Middle | 11 | 55\% | 64\% | 73\% |

Technical Brief

| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4002975551 | Rolette Elementary School | Elem. | 23 | 87\% | 61\% | 70\% |
| 4002975551 | Rolette Elementary School | Middle | 33 | 55\% | 42\% | 55\% |
| 4002975553 | $\begin{gathered} \text { Rolette High } \\ \text { School } \\ \hline \end{gathered}$ | High | 51 | 45\% | 20\% | 41\% |
| 4100257191 | Milnor Elementary School | Elem. | 44 | 59\% | 59\% | 57\% |
| 4100257191 | Milnor Elementary School | Middle | 10 | 40\% | 20\% | 30\% |
| 4100257193 | Milnor High School | High | 39 | 21\% | 8\% | 10\% |
| 4100257193 | Milnor High School | Middle | 29 | 28\% | 24\% | 24\% |
| 4100277571 | Sundale Colony Elementary School | Elem. | 11 | 73\% | 27\% | 55\% |
| 4100277571 | Sundale Colony Elementary School | Middle | 3 | 67\% | 67\% | 67\% |
| 4100277573 | Sundale Colony High School | High | 7 | 57\% | 14\% | 43\% |
| 4100277573 | Sundale Colony High School | Middle | 6 | 67\% | 0\% | 50\% |
| 4100361301 | North Sargent Elementary School | Elem. | 35 | 46\% | 43\% | 63\% |
| 4100361301 | North Sargent Elementary School | Middle | 50 | 54\% | 36\% | 54\% |
| 4100361303 | North Sargent High School | High | 58 | 34\% | 22\% | 43\% |
| 4100677091 | Sargent Central Elementary School | Elem. | 44 | 70\% | 48\% | 45\% |
| 4100677091 | Sargent Central Elementary School | Middle | 14 | 57\% | 50\% | 29\% |
| 4100677093 | Sargent Central High School | High | 43 | 49\% | 23\% | 33\% |
| 4100677093 | Sargent Central High School | Middle | 15 | 60\% | 40\% | 40\% |
| 4201631991 | Goodrich Elementary School | Elem. | 3 | 67\% | 67\% | 67\% |
| 4201631991 | Goodrich Elementary School | Middle | 2 | 50\% | 50\% | 50\% |

Technical Brief

| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4201953201 | McClusky Elementary School | Elem. | 19 | 58\% | 58\% | 95\% |
| 4201953201 | McClusky Elementary School | Middle | 4 | 0\% | 25\% | 25\% |
| 4201955323 | McClusky High School | High | 28 | 29\% | 18\% | 18\% |
| 4201955323 | McClusky High School | Middle | 16 | 38\% | 31\% | 38\% |
| 4300312781 | Cannon Ball Elementary School | Elem. | 39 | 51\% | 36\% | 69\% |
| 4300312781 | Cannon Ball Elementary School | Middle | 9 | 33\% | 22\% | 44\% |
| 4300380363 | Solen High School | High | 54 | 26\% | 19\% | 24\% |
| 4300380363 | Solen High School | Middle | 25 | 16\% | 24\% | 12\% |
| 4300429212 | Fort Yates Middle School | Middle | 52 | 19\% | 27\% | 25\% |
| 4300878041 | Selfridge Elementary School | Elem. | 23 | 57\% | 39\% | 52\% |
| 4300878041 | Selfridge Elementary School | Middle | 4 | 75\% | 25\% | 0\% |
| 4300878043 | Selfridge High School | High | 20 | 25\% | 25\% | 20\% |
| 4300878043 | Selfridge High School | Middle | 7 | 14\% | 14\% | 14\% |
| 4401254861 | Marmarth Elementary School | Elem. | 6 | 67\% | 50\% | 100\% |
| 4401254861 | Marmarth Elementary School | Middle | 10 | 60\% | 40\% | 50\% |
| 4500118443 | Southwest Community High | High | 34 | 53\% | 35\% | 38\% |
| 4500118453 | Dickinson High School | High | 852 | 37\% | 24\% | 25\% |
| 4500118482 | Dickinson Middle School | Middle | 801 | 48\% | 28\% | 25\% |
| 4500118611 | Roughrider Elementary Virtual Academy | Elem. | 13 | 69\% | 46\% | 46\% |
| 4500118611 | Roughrider Elementary Virtual Academy | Middle | 19 | 47\% | 53\% | 47\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4500118623 | Roughrider High Virtual Academy | High | 16 | 56\% | 31\% | 25\% |
| 4500131601 | Heart River Elementary School | Elem. | 101 | 59\% | 54\% | 66\% |
| 4500146001 | Jefferson Elementary School | Elem. | 150 | 65\% | 62\% | 65\% |
| 4500152821 | Lincoln Elementary School | Elem. | 159 | 66\% | 67\% | 63\% |
| 4500171731 | Prairie Rose Elementary | Elem. | 216 | 60\% | 53\% | 56\% |
| 4500171801 | P S Berg Elementary School | Elem. | 93 | 73\% | 65\% | 63\% |
| 4500175741 | Roosevelt Elementary School | Elem. | 125 | 66\% | 56\% | 63\% |
| 4500980601 | South Heart Elementary School | Elem. | 91 | 60\% | 64\% | 78\% |
| 4500980601 | South Heart Elementary School | Middle | 26 | 54\% | 46\% | 42\% |
| 4500980603 | South Heart High School | High | 95 | 34\% | 28\% | 36\% |
| 4500980603 | South Heart High School | Middle | 60 | 43\% | 37\% | 30\% |
| 4500980701 | South Heart Elementary Virtual Academy Academy | Elem. | 1 | 0\% | 0\% | 0\% |
| 4500980703 | South Heart High Virtual Academy | High | 4 | 75\% | 75\% | 50\% |
| 4500980703 | South Heart High Virtual Academy | Middle | 1 | 0\% | 0\% | 0\% |
| 4501308841 | Belfield Elementary School | Elem. | 54 | 61\% | 46\% | 50\% |
| 4501308841 | Belfield Elementary School | Middle | 15 | 73\% | 53\% | 33\% |
| 4501308843 | $\begin{aligned} & \text { Belfield High } \\ & \text { School } \end{aligned}$ | High | 86 | 40\% | 22\% | 28\% |
| 4501308843 | Belfield High School | Middle | 30 | 37\% | 20\% | 17\% |
| 4503474331 | Richardton-Taylor Elementary School | Elem. | 29 | 62\% | 66\% | 62\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4503474331 | Richardton-Taylor Elementary School | Middle | 28 | 54\% | 39\% | 32\% |
| 4503474333 | Richardton-Taylor High School | High | 94 | 37\% | 15\% | 32\% |
| 4503474333 | Richardton-Taylor High School | Middle | 43 | 40\% | 14\% | 23\% |
| 4503483351 | Taylor-Richardton Elementary School | Elem. | 45 | 56\% | 62\% | 62\% |
| 4601928271 | Finley-Sharon Elementary School | Elem. | 18 | 67\% | 56\% | 78\% |
| 4601928271 | $\begin{gathered} \hline \text { Finley-Sharon } \\ \text { Elementary } \\ \text { School } \end{gathered}$ | Middle | 6 | 67\% | 17\% | 17\% |
| 4601928273 | Finley-Sharon High School | High | 23 | 48\% | 22\% | 43\% |
| 4601928273 | Finley-Sharon High School | Middle | 16 | 50\% | 69\% | 56\% |
| 4700145703 | Jamestown High School | High | 712 | 35\% | 19\% | 25\% |
| 4700145732 | Jamestown Middle School | Middle | 440 | 49\% | 40\% | 38\% |
| 4700146041 | Gussner Elementary School | Elem. | 106 | 74\% | 66\% | 66\% |
| 4700152841 | Lincoln Elementary School | Elem. | 98 | 59\% | 58\% | 65\% |
| 4700153301 | Louis L'Amour Elementary School | Elem. | 39 | 79\% | 64\% | 69\% |
| 4700175711 | Roosevelt Elementary School | Elem. | 77 | 57\% | 65\% | 61\% |
| 4700192471 | Washington Elementary | Elem. | 42 | 64\% | 64\% | 62\% |
| 4700356571 | Medina Elementary School | Elem. | 44 | 59\% | 55\% | 77\% |
| 4700356571 | Medina Elementary School | Middle | 16 | 50\% | 31\% | 31\% |
| 4700356573 | Medina High School | High | 55 | 40\% | 13\% | 35\% |
| 4700356573 | Medina High School | Middle | 35 | 57\% | 26\% | 34\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4701011441 | Pingree-Buchanan Elementary School | Elem. | 35 | 63\% | 40\% | 63\% |
| 4701011441 | Pingree-Buchanan Elementary School | Middle | 10 | 20\% | 60\% | 30\% |
| 4701070873 | Pingree-Buchanan High School | High | 32 | 28\% | 25\% | 22\% |
| 4701070873 | Pingree-Buchanan High School | Middle | 25 | 44\% | 24\% | 24\% |
| 4701457941 | Montpelier Elementary School | Elem. | 28 | 75\% | 71\% | 64\% |
| 4701457941 | Montpelier Elementary School | Middle | 5 | 60\% | 20\% | 80\% |
| 4701457943 | Montpelier High School | High | 29 | 28\% | 21\% | 31\% |
| 4701457943 | Montpelier High School | Middle | 17 | 53\% | 53\% | 47\% |
| 4701948921 | Kensal Elementary School | Elem. | 9 | 67\% | 89\% | 89\% |
| 4701948923 | Kensal High School | High | 2 | 0\% | 0\% | 100\% |
| 4701948923 | Kensal High School | Middle | 4 | 75\% | 75\% | 100\% |
| 4801012771 | North Star Elementary School | Elem. | 69 | 64\% | 64\% | 57\% |
| 4801012771 | North Star Elementary School | Middle | 62 | 44\% | 37\% | 23\% |
| 4801012773 | North Star High School | High | 69 | 46\% | 14\% | 30\% |
| 4900313691 | Central Valley Elementary School | Elem. | 36 | 61\% | 78\% | 69\% |
| 4900313691 | Central Valley Elementary School | Middle | 15 | 53\% | 33\% | 33\% |
| 4900313693 | Central Valley High School | High | 56 | 46\% | 29\% | 32\% |
| 4900313693 | Central Valley High School | Middle | 29 | 66\% | 48\% | 21\% |
| 4900735041 | Hatton Eielson Elementary School | Elem. | 38 | 61\% | 47\% | 58\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 4900735041 | Hatton Eielson Elementary School | Middle | 19 | 58\% | 63\% | 26\% |
| 4900735043 | Hatton Eielson High School | High | 51 | 33\% | 18\% | 24\% |
| 4900735043 | Hatton Eielson High School | Middle | 25 | 36\% | 32\% | 24\% |
| 4900936303 | Hillsboro High School | High | 149 | 34\% | 22\% | 29\% |
| 4900936303 | Hillsboro High School | Middle | 77 | 51\% | 32\% | 32\% |
| 4900936331 | Hillsboro Elementary School | Elem. | 107 | 69\% | 62\% | 62\% |
| 4900936331 | Hillsboro Elementary School | Middle | 30 | 73\% | 30\% | 37\% |
| 4900980781 | Spruce Lane Colony School Hillsboro | Elem. | 2 | 100\% | 0\% | 0\% |
| 4900980781 | Spruce Lane Colony School Hillsboro | Middle | 3 | 67\% | 33\% | 100\% |
| 4901455262 | May-Port CG Middle School | Middle | 90 | 57\% | 38\% | 42\% |
| 4901455263 | May-Port CG High School | High | 115 | 40\% | 20\% | 29\% |
| 4901471451 | Peter Boe Jr Elementary School | Elem. | 108 | 68\% | 70\% | 79\% |
| 5000528911 | Fordville-Lankin Elementary School | Elem. | 9 | 56\% | 56\% | 67\% |
| 5000528911 | Fordville-Lankin Elementary School | Middle | 6 | 83\% | 17\% | 67\% |
| 5000528913 | Fordville-Lankin High School | High | 10 | 40\% | 20\% | 30\% |
| 5000892081 | Park River Area Elementary School | Elem. | 102 | 73\% | 54\% | 59\% |
| 5000892081 | Park River Area Elementary School | Middle | 27 | 41\% | 26\% | 26\% |
| 5000892083 | Park River Area High School | High | 104 | 38\% | 21\% | 24\% |
| 5000892083 | Park River Area High School | Middle | 82 | 38\% | 24\% | 24\% |
| 500110333 | Bottineau Jr-Sr High School | High | 171 | 33\% | 14\% | 18\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 500110333 | Bottineau Jr-Sr High School | Middle | 106 | 33\% | 20\% | 21\% |
| 500110351 | Bottineau Elementary School | Elem. | 145 | 68\% | 57\% | 59\% |
| 500110351 | Bottineau Elementary School | Middle | 44 | 43\% | 32\% | 45\% |
| 5001813661 | Century Elementary School | Elem. | 188 | 66\% | 59\% | 64\% |
| 5001813661 | $\begin{aligned} & \text { Century } \\ & \text { Elementary } \\ & \text { School } \\ & \hline \end{aligned}$ | Middle | 41 | 41\% | 32\% | 32\% |
| 5001832313 | Grafton High School | High | 212 | 39\% | 25\% | 35\% |
| 5001832352 | Grafton Junior High School | Middle | 126 | 44\% | 31\% | 29\% |
| 5002057591 | Minto Elementary School | Elem. | 43 | 63\% | 42\% | 60\% |
| 5002057591 | Minto Elementary School | Middle | 57 | 33\% | 18\% | 26\% |
| 5002057593 | Minto High School | High | 70 | 36\% | 17\% | 33\% |
| 501793251 | Westhope Elementary School | Elem. | 35 | 63\% | 66\% | 74\% |
| 501793251 | Westhope Elementary School | Middle | 9 | 44\% | 33\% | 56\% |
| 501793253 | Westhope High School | High | 34 | 47\% | 29\% | 47\% |
| 501793253 | Westhope High School | Middle | 17 | 47\% | 35\% | 47\% |
| 505460431 | Newburg-United Elementary School | Elem. | 17 | 76\% | 47\% | 88\% |
| 505460431 | Newburg-United Elementary School | Middle | 4 | 25\% | 0\% | 75\% |
| 505460433 | Newburg-United High School | High | 15 | 47\% | 13\% | 47\% |
| 505460433 | Newburg-United High School | Middle | 10 | 30\% | 60\% | 30\% |
| 5100108691 | Bel Air Elementary | Elem. | 119 | 68\% | 61\% | 71\% |
| 5100108861 | Bell Elementary | Elem. | 42 | 74\% | 69\% | 76\% |
| 5100117151 | Dakota Elementary | Elem. | 107 | 57\% | 58\% | 53\% |
| 5100121111 | Edison Elementary | Elem. | 237 | 66\% | 62\% | 67\% |

Technical Brief

| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 5100124802 | Erik Ramstad Middle School | Middle | 637 | 43\% | 35\% | 32\% |
| 5100146452 | Jim Hill Middle School | Middle | 737 | 42\% | 32\% | 26\% |
| 5100146701 | John Hoeven Elementary School | Elem. | 196 | 70\% | 64\% | 71\% |
| 5100153261 | Longfellow Elementary | Elem. | 160 | 77\% | 64\% | 62\% |
| 5100156101 | McKinley Elementary | Elem. | 53 | 51\% | 43\% | 62\% |
| 5100156212 | Minot Public Schools 6-8 Virtual Academy | Middle | 3 | 0\% | 67\% | 33\% |
| 5100156223 | Minot Public Schools 9-12 Virtual Academy | High | 6 | 33\% | 33\% | 17\% |
| 5100156602 | Memorial Middle School | Middle | 166 | 56\% | 36\% | 32\% |
| 5100157461 | North Plains Elementary | Elem. | 115 | 74\% | 56\% | 70\% |
| 5100157503 | Minot High School-Central Campus | High | 1018 | 34\% | 19\% | 23\% |
| 5100157523 | $\begin{aligned} & \text { Magic City } \\ & \text { Campus High } \\ & \text { School } \end{aligned}$ | High | 769 | 35\% | 22\% | 29\% |
| 5100161261 | Lewis and Clark Elementary | Elem. | 229 | 68\% | 58\% | 62\% |
| 5100169901 | Perkett Elementary | Elem. | 155 | 68\% | 61\% | 68\% |
| 5100175771 | Roosevelt Elementary | Elem. | 46 | 65\% | 72\% | 74\% |
| 5100180473 | $\begin{aligned} & \text { Souris River } \\ & \text { Campus Alt High } \\ & \text { School } \end{aligned}$ | High | 40 | 38\% | 12\% | 32\% |
| 5100182641 | Sunnyside Elementary | Elem. | 129 | 60\% | 50\% | 43\% |
| 5100192491 | Washington Elementary | Elem. | 122 | 65\% | 68\% | 74\% |
| 5100460051 | Nedrose Elementary School | Elem. | 30 | 77\% | 57\% | 77\% |
| 5100460061 | Nedrose Elementary School 4-8 | Elem. | 60 | 57\% | 40\% | 63\% |
| 5100460061 | Nedrose Elementary School 4-8 | Middle | 116 | 49\% | 23\% | 27\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 5100460063 | Nedrose High School | High | 141 | 28\% | 21\% | 38\% |
| 5100788191 | Burlington-Des Lacs Elementary School | Elem. | 139 | 69\% | 59\% | 75\% |
| 5100788191 | Burlington-Des Lacs Elementary School | Middle | 55 | 62\% | 36\% | 31\% |
| 5100788233 | Des Lacs- Burlington High School | High | 191 | 32\% | 23\% | 27\% |
| 5100788233 | Des LacsBurlington High School | Middle | 104 | 44\% | 22\% | 28\% |
| 5101677171 | Sawyer Elementary School | Elem. | 11 | 64\% | 55\% | 82\% |
| 5101677171 | Sawyer Elementary School | Middle | 5 | 40\% | 40\% | 80\% |
| 5101677173 | Sawyer High School | High | 14 | 50\% | 21\% | 29\% |
| 5101677173 | Sawyer High School | Middle | 5 | 40\% | 40\% | 40\% |
| 5102848781 | Kenmare Elementary School | Elem. | 70 | 76\% | 63\% | 76\% |
| 5102848781 | Kenmare Elementary School | Middle | 79 | 46\% | 39\% | 44\% |
| 5102848823 | Kenmare High School | High | 75 | 49\% | 27\% | 29\% |
| 5104182661 | Surrey Elementary School | Elem. | 95 | 57\% | 56\% | 68\% |
| 5104182661 | Surrey Elementary School | Middle | 27 | 41\% | 19\% | 37\% |
| 5104182663 | $\begin{aligned} & \text { Surrey High } \\ & \text { School } \\ & \hline \end{aligned}$ | High | 125 | 36\% | 10\% | 15\% |
| 5104182663 | Surrey High School | Middle | 72 | 46\% | 32\% | 14\% |
| 5107080681 | South Prairie Elementary School | Elem. | 113 | 60\% | 58\% | 69\% |
| 5107080681 | South Prairie Elementary School | Middle | 102 | 47\% | 36\% | 32\% |
| 5107080683 | South Prairie High School | High | 119 | 42\% | 27\% | 35\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 5116109161 | Berthold Elementary School | Elem. | 39 | 69\% | 54\% | 64\% |
| 5116109161 | Berthold Elementary School | Middle | 21 | 43\% | 62\% | 52\% |
| 5116109163 | Berthold High School | High | 76 | 42\% | 18\% | 21\% |
| 5116109163 | $\begin{gathered} \text { Berthold High } \\ \text { School } \end{gathered}$ | Middle | 23 | 22\% | 30\% | 13\% |
| 5116171081 | North Shore Plaza Elementary School | Elem. | 51 | 75\% | 55\% | 78\% |
| 5116171081 | North Shore Plaza Elementary School | Middle | 21 | 52\% | 52\% | 67\% |
| 5116171083 | North Shore Plaza High School | High | 38 | 32\% | 24\% | 13\% |
| 5116171083 | North Shore Plaza High School | Middle | 34 | 35\% | 26\% | 35\% |
| 5202527921 | FessendenBowdon Elementary School | Elem. | 38 | 66\% | 61\% | 47\% |
| 5202527921 | FessendenBowdon Elementary School | Middle | 46 | 57\% | 39\% | 37\% |
| 5202527923 | FessendenBowdon High School | High | 42 | 45\% | 19\% | 40\% |
| 5203834781 | B M Hanson Elementary School | Elem. | 75 | 68\% | 55\% | 67\% |
| 5203834781 | B M Hanson Elementary School | Middle | 24 | 50\% | 42\% | 62\% |
| 5203834793 | Harvey High School | High | 85 | 31\% | 12\% | 27\% |
| 5203834793 | $\begin{aligned} & \text { Harvey High } \\ & \text { School } \end{aligned}$ | Middle | 56 | 57\% | 29\% | 29\% |
| 5300273521 | Ray Elementary School | Elem. | 97 | 69\% | 58\% | 66\% |
| 5300273521 | Ray Elementary School | Middle | 89 | 46\% | 29\% | 36\% |
| 5300273523 | Ray High School | High | 98 | 31\% | 19\% | 36\% |
| 5300622701 | Eight Mile Elementary School | Elem. | 68 | 53\% | 60\% | 72\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 5300622701 | Eight Mile Elementary School | Middle | 71 | 51\% | 38\% | 37\% |
| 5300622703 | Eight Mile High | High | 68 | 32\% | 18\% | 18\% |
| 5300707691 | Bakken Elementary School | Elem. | 263 | 60\% | 64\% | 59\% |
| 5300707691 | Bakken Elementary School | Middle | 205 | 49\% | 38\% | 33\% |
| 5300717753 | Del Easton Alt High School | High | 14 | 36\% | 21\% | 29\% |
| 5300733701 | Hagan Elementary School | Elem. | 165 | 62\% | 64\% | 65\% |
| 5300752311 | Lewis \& Clark Elementary School | Elem. | 92 | 61\% | 68\% | 75\% |
| 5300756291 | McVay Elementary School | Elem. | 128 | 61\% | 51\% | 64\% |
| 5300757452 | Missouri Ridge Elementary School | Elem. | 159 | 64\% | 52\% | 62\% |
| 5300757452 | Missouri Ridge Elementary School | Middle | 147 | 46\% | 35\% | 26\% |
| 5300774451 | Rickard Elementary School | Elem. | 93 | 58\% | 67\% | 82\% |
| 5300776001 | Round Prairie Elementary School | Elem. | 14 | 57\% | 50\% | 43\% |
| 5300787002 | ASB Innovation Academy | Middle | 213 | 47\% | 30\% | 33\% |
| 5300794121 | Wilkinson Elementary School | Elem. | 123 | 57\% | 54\% | 70\% |
| 5300794163 | Williston High School | High | 1167 | 36\% | 24\% | 30\% |
| 5300794182 | Williston Middle School | Middle | 443 | 45\% | 30\% | 28\% |
| 5301513601 | Central Elementary School | Elem. | 108 | 53\% | 58\% | 63\% |
| 5301513601 | $\begin{aligned} & \text { Central } \\ & \text { Elementary } \\ & \text { School } \end{aligned}$ | Middle | 26 | 65\% | 23\% | 35\% |
| 5301584633 | Tioga High School | High | 124 | 38\% | 25\% | 46\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 5301584633 | Tioga High School | Middle | 80 | 39\% | 28\% | 22\% |
| 5309932811 | Grenora Elementary School | Elem. | 21 | 52\% | 48\% | 67\% |
| 5309932811 | Grenora Elementary School | Middle | 18 | 44\% | 44\% | 44\% |
| 5309932813 | Grenora High School | High | 53 | 36\% | 21\% | 30\% |
| 5309932813 | Grenora High School | Middle | 25 | 48\% | 32\% | 28\% |
| 600110431 | Bowman Co Elementary School | Elem. | 97 | 78\% | 63\% | 71\% |
| 600110431 | Bowman Co Elementary School | Middle | 34 | 74\% | 56\% | 56\% |
| 600110433 | Bowman Co High School | High | 128 | 41\% | 9\% | 18\% |
| 600110433 | Bowman Co High School | Middle | 75 | 44\% | 24\% | 28\% |
| 600174211 | Rhame Elementary School | Elem. | 14 | 57\% | 57\% | 50\% |
| 600174211 | Rhame Elementary School | Middle | 7 | 29\% | 14\% | 57\% |
| 603377851 | Scranton Elementary School | Elem. | 27 | 85\% | 67\% | 85\% |
| 603377851 | Scranton Elementary School | Middle | 12 | 83\% | 42\% | 50\% |
| 603377853 | Scranton High School | High | 38 | 50\% | 18\% | 39\% |
| 603377853 | Scranton High School | Middle | 14 | 57\% | 50\% | 71\% |
| 701410371 | Bowbells Elementary School | Elem. | 16 | 38\% | 50\% | 69\% |
| 701410371 | Bowbells Elementary School | Middle | 8 | 62\% | 25\% | 38\% |
| 701410373 | Bowbells High School | High | 19 | 58\% | 11\% | 26\% |
| 701410373 | Bowbells High School | Middle | 9 | 44\% | 44\% | 44\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 702771581 | Powers Lake Elementary School | Middle | 46 | 48\% | 30\% | 35\% |
| 702771583 | Powers Lake High School | High | 61 | 31\% | 13\% | 15\% |
| 703652621 | Burke Central Elementary School | Elem. | 24 | 67\% | 38\% | 67\% |
| 703652621 | Burke Central Elementary School | Middle | 7 | 71\% | 57\% | 57\% |
| 703652623 | Burke Central High School | High | 23 | 43\% | 9\% | 30\% |
| 703652623 | Burke Central High School | Middle | 17 | 53\% | 29\% | 41\% |
| 800109703 | Bismarck High School | High | 1004 | 42\% | 24\% | 34\% |
| 800113481 | Centennial Elementary School | Elem. | 212 | 78\% | 69\% | 69\% |
| 800113653 | Century High School | High | 1118 | 46\% | 26\% | 33\% |
| 800118971 | Dorothy Moses Elementary School | Elem. | 163 | 66\% | 64\% | 66\% |
| 800132821 | Grimsrud Elementary School | Elem. | 126 | 70\% | 66\% | 67\% |
| 800136121 | Highland Acres Elementary School | Elem. | 94 | 71\% | 59\% | 62\% |
| 800137952 | Horizon Middle School | Middle | 1048 | 51\% | 36\% | 32\% |
| 800145801 | Jeannette Myhre Elementary School | Elem. | 110 | 78\% | 56\% | 72\% |
| 800151993 | $\begin{aligned} & \text { Legacy High } \\ & \text { School } \end{aligned}$ | High | 1152 | 41\% | 22\% | 30\% |
| 800152551 | Liberty Elementary School | Elem. | 294 | 77\% | 72\% | 75\% |
| 800152761 | Prairie Rose Elementary School | Elem. | 44 | 66\% | 70\% | 61\% |
| 800152861 | Lincoln Elementary School | Elem. | 294 | 71\% | 70\% | 73\% |
| 800161291 | Robert Place Miller Elementary | Elem. | 182 | 75\% | 65\% | 74\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 800161321 | Northridge Elementary School | Elem. | 212 | 60\% | 60\% | 58\% |
| 800170901 | Pioneer Elementary School | Elem. | 134 | 66\% | 67\% | 54\% |
| 800174721 | Rita Murphy Elementary School | Elem. | 293 | 73\% | 64\% | 66\% |
| 800175611 | Roosevelt Elementary School | Elem. | 60 | 57\% | 58\% | 60\% |
| 800179002 | Simle Middle School | Middle | 970 | 47\% | 34\% | 27\% |
| 800180381 | Solheim Elementary School | Elem. | 245 | 79\% | 71\% | 69\% |
| 800180503 | South Central Alternative HS | High | 46 | 28\% | 11\% | 28\% |
| 800182631 |  | Elem. | 331 | 75\% | 64\% | 69\% |
| 800191632 | Wachter Middle School | Middle | 969 | 48\% | 34\% | 29\% |
| 800194141 | Will Moore Elementary School | Elem. | 111 | 63\% | 56\% | 59\% |
| 802559851 | Naughton School | Elem. | 4 | 100\% | 50\% | 50\% |
| 802559851 | Naughton School | Middle | 6 | 67\% | 17\% | 67\% |
| 802894701 | Wing Elementary School | Elem. | 14 | 71\% | 79\% | 71\% |
| 802894701 | Wing Elementary School | Middle | 15 | 33\% | 47\% | 20\% |
| 802894703 | Wing High School | High | 26 | 35\% | 27\% | 38\% |
| 803356661 | Menoken Elementary School | Elem. | 14 | 64\% | 57\% | 57\% |
| 803356661 | Menoken Elementary School | Middle | 5 | 40\% | 60\% | 40\% |
| 803582361 | Sterling Elementary School | Elem. | 2 | 100\% | 100\% | 100\% |
| 803904861 | Apple Creek School | Elem. | 40 | 68\% | 62\% | 62\% |
| 804554661 | Manning School | Elem. | 11 | 91\% | 82\% | 91\% |
| 804554661 | Manning School | Middle | 3 | 67\% | 100\% | 33\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 900107132 | Ben Franklin Middle School | Middle | 725 | 46\% | 34\% | 28\% |
| 900108981 | Bennett Elementary School | Elem. | 317 | 73\% | 66\% | 66\% |
| 900112922 | Carl Ben Eielson Middle School | Middle | 450 | 43\% | 38\% | 30\% |
| 900114181 | Clara Barton/Hawthorne Elementary School | Elem. | 159 | 57\% | 65\% | 61\% |
| 900117403 | $\begin{gathered} \text { Davies High } \\ \text { School } \\ \hline \end{gathered}$ | High | 1146 | 42\% | 23\% | 31\% |
| 900118552 | Discovery Middle School | Middle | 844 | 46\% | 37\% | 27\% |
| 900119011 | Fargo K-8 Virtual Academy | Elem. | 11 | 64\% | 64\% | 45\% |
| 900119011 | Fargo K-8 Virtual Academy | Middle | 9 | 44\% | 22\% | 22\% |
| 900119013 | Fargo 9-12 Virtual Academy | High | 10 | 30\% | 20\% | 20\% |
| 900120801 | Eagles Elementary School | Elem. | 130 | 62\% | 61\% | 65\% |
| 900121041 | Ed Clapp Elementary | Elem. | 196 | 62\% | 66\% | 62\% |
| 900127443 | South High School | High | 782 | 37\% | 20\% | 28\% |
| 900127891 | Centennial Elementary School | Elem. | 276 | 62\% | 61\% | 59\% |
| 900137331 | Horace Mann/Roosevelt Elementary School | Elem. | 169 | 62\% | 59\% | 60\% |
| 900145981 | Jefferson Elementary School | Elem. | 122 | 48\% | 51\% | 56\% |
| 900148831 | Kennedy Elementary | Elem. | 198 | 71\% | 69\% | 65\% |
| 900152221 | Lewis \& Clark Elementary School | Elem. | 187 | 62\% | 59\% | 58\% |
| 900152771 | Lincoln Elementary School | Elem. | 154 | 66\% | 61\% | 66\% |
| 900153241 | Longfellow Elementary School | Elem. | 159 | 69\% | 74\% | 72\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 900154351 | Madison Elementary | Elem. | 41 | 46\% | 71\% | 68\% |
| 900156251 | McKinley Elementary School | Elem. | 70 | 61\% | 69\% | 56\% |
| 900161253 | North High School | High | 779 | 32\% | 20\% | 26\% |
| 900192431 | Washington Elementary School | Elem. | 148 | 68\% | 59\% | 66\% |
| 900195163 | Woodrow Wilson Alternative HS | High | 65 | 45\% | 20\% | 29\% |
| 900249331 | Kindred Elementary School | Elem. | 178 | 75\% | 66\% | 72\% |
| 900249331 | Kindred Elementary School | Middle | 68 | 56\% | 34\% | 35\% |
| 900249343 | Kindred High School | High | 195 | 43\% | 19\% | 27\% |
| 900249343 | Kindred High School | Middle | 108 | 39\% | 33\% | 23\% |
| 900411481 | Maple Valley Elementary School | Elem. | 50 | 64\% | 64\% | 64\% |
| 900411481 | Maple Valley Elementary School | Middle | 17 | 65\% | 29\% | 24\% |
| 900411483 | Maple Valley High School | High | 48 | 31\% | 21\% | 40\% |
| 900411483 | Maple Valley High School | Middle | 37 | 41\% | 49\% | 16\% |
| 900493601 | Wheatland Colony School | Elem. | 2 | 0\% | 100\% | 100\% |
| 900493601 | Wheatland Colony School | Middle | 4 | 50\% | 50\% | 75\% |
| 900605301 | West Fargo Elementary Virtual Academy | Elem. | 4 | 25\% | 50\% | 100\% |
| 900605313 | West Fargo High Virtual Academy | High | 24 | 54\% | 29\% | 29\% |
| 900605322 | West Fargo Middle Virtual Academy | Middle | 8 | 25\% | 25\% | 38\% |
| 900605451 | Aurora Elementary School | Elem. | 269 | 72\% | 61\% | 58\% |
| 900610621 | Brooks Harbor Elementary School | Elem. | 209 | 74\% | 67\% | 62\% |


| School Code | School Name | Survey Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 900617741 | Deer Creek Elementary School | Elem. | 157 | 68\% | 61\% | 61\% |
| 900617762 | Heritage Middle School | Middle | 384 | 50\% | 33\% | 34\% |
| 900627521 | Eastwood Elementary School | Elem. | 174 | 62\% | 61\% | 61\% |
| 900628961 | Freedom Elementary | Elem. | 260 | 65\% | 55\% | 60\% |
| 900635001 | Harwood Elementary School | Elem. | 76 | 63\% | 55\% | 55\% |
| 900637381 | Horace Elementary School | Elem. | 137 | 65\% | 63\% | 56\% |
| 900650711 | L E Berger Elementary School | Elem. | 161 | 60\% | 57\% | 61\% |
| 900650902 | Cheney Middle School | Middle | 843 | 47\% | 32\% | 31\% |
| 900652011 | Legacy Elementary School | Elem. | 231 | 78\% | 61\% | 62\% |
| 900652582 | Liberty Middle School | Middle | 1153 | 47\% | 36\% | 30\% |
| 900678653 | Sheyenne High School | High | 722 | 39\% | 25\% | 30\% |
| 900680541 | South Elementary School | Elem. | 187 | 74\% | 63\% | 67\% |
| 900680611 | $\begin{aligned} & \text { Osgood } \\ & \text { Elementary } \\ & \text { School } \end{aligned}$ | Elem. | 265 | 61\% | 59\% | 57\% |
| 900693153 | West Fargo High School | High | 1304 | 38\% | 21\% | 27\% |
| 900693161 | Independence Elementary | Elem. | 237 | 74\% | 67\% | 66\% |
| 900693501 | Westside Elementary School | Elem. | 204 | 73\% | 61\% | 65\% |
| 900694033 | Horace High School | High | 217 | 39\% | 19\% | 24\% |
| 900694201 | Willow Park Elementary School | Elem. | 193 | 60\% | 57\% | 69\% |
| 900754791 | Mapleton Elementary School | Elem. | 76 | 68\% | 71\% | 76\% |


| School Code | School Name | Survey <br> Version | \# Responses | \% Committed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Behavioral | Cognitive | Emotional |
| 900754791 | Mapleton Elementary School | Middle | 11 | 82\% | 45\% | 64\% |
| 901713541 | Central Cass Elementary School | Elem. | 148 | 75\% | 59\% | 70\% |
| 901713542 | Central Cass Middle School | Elem. | 71 | 70\% | 49\% | 61\% |
| 901713542 | Central Cass Middle School | Middle | 231 | 50\% | 32\% | 30\% |
| 901713543 | Central Cass High School | High | 277 | 38\% | 20\% | 27\% |
| 908568871 | Hope Page Elementary School | Elem. | 40 | 60\% | 52\% | 75\% |
| 908568871 | Hope Page Elementary School | Middle | 11 | 73\% | 55\% | 55\% |
| 908568883 | $\begin{aligned} & \text { Hope Page High } \\ & \text { School } \end{aligned}$ | High | 38 | 42\% | 39\% | 39\% |
| 908568883 | Hope Page High School | Middle | 19 | 26\% | 47\% | 16\% |
| 909761211 | Northern Cass Elementary School | Elem. | 149 | 69\% | 59\% | 63\% |
| 909761212 | Northern Cass Middle School | Middle | 154 | 36\% | 28\% | 31\% |
| 909761213 | Northern Cass High School | High | 191 | 36\% | 19\% | 28\% |


[^0]:    ${ }^{1}$ Though Cronbach's Alpha is widely used and understood as a measure of reliability, McDonald's omega is a distinct reliability coefficient with the advantage of considering the strength of association between items, leading to a stronger measurement of the scale's internal consistency.
    ${ }^{2}$ Salvia, J., \& Ysseldyke, J. E. (2004). Assessment in special and inclusive education (9th ed.). Boston: Houghton Mifflin.

[^1]:    ${ }^{3}$ Kline, R. B. (2013). Beyond significance testing: Statistics reform in the behavioral sciences, $2^{\text {nd }}$ Edition. Washington, DC: American Psychological Association.

