

## Score Report

|                |                 |                |                 |
|----------------|-----------------|----------------|-----------------|
| Examinee Name  | Sample Report 2 | Date of Report | 01/03/2011      |
| Examinee ID    | 84579           | Grade          | 19              |
| Date of Birth  | 25/01/1986      | Home Language  | English         |
| Gender         | Male            | Handedness     | Right           |
| Race/Ethnicity | Asian           | Examiner Name  | Sample Examiner |

|                   |                       |                |                   |         |    |
|-------------------|-----------------------|----------------|-------------------|---------|----|
| Test Administered | WAIS-IV (11/02/2011)  | Age at Testing | 25 years 0 months | Retest? | No |
|                   | WIAT-III (11/02/2011) |                | 25 years 0 months |         | No |

WAIS-IV Comments

WIAT-III Comments

### Composite Score Summary

| Scale                | Sum of Scaled Scores | Composite Score | Percentile Rank | 95% Confidence Interval | Qualitative Description |
|----------------------|----------------------|-----------------|-----------------|-------------------------|-------------------------|
| Verbal Comprehension | 31                   | VCI 101         | 53              | 95-107                  | Average                 |
| Perceptual Reasoning | 31                   | PRI 102         | 55              | 95-109                  | Average                 |
| Working Memory       | 20                   | WMI 100         | 50              | 92-108                  | Average                 |
| Processing Speed     | 21                   | PSI 103         | 58              | 94-111                  | Average                 |
| Full Scale           | 103                  | FSIQ 102        | 55              | 97-107                  | Average                 |
| General Ability      | 62                   | GAI 101         | 53              | 96-106                  | Average                 |

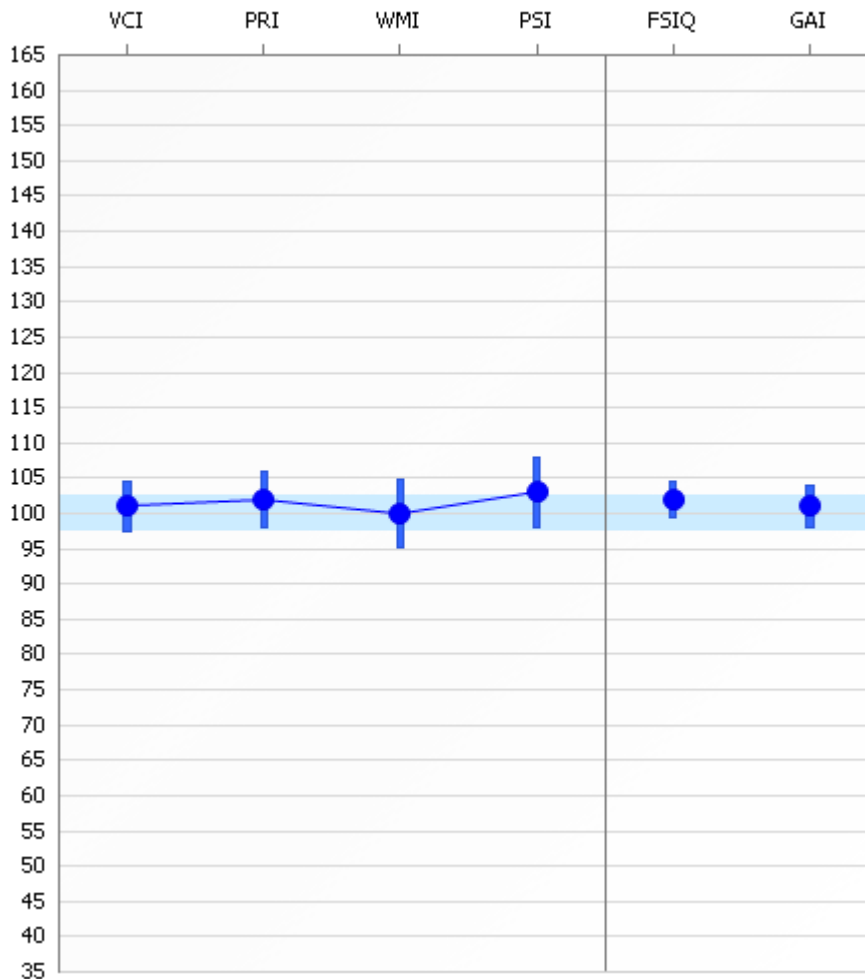
Confidence Intervals are based on the Overall Average SEMs. Values reported in the SEM column are based on the examinee's age.

The GAI is an optional composite summary score that is less sensitive to the influence of working memory and processing speed. Because working memory and processing speed are vital to a comprehensive evaluation of cognitive ability, it should be noted that the GAI does not have the breadth of construct coverage as the FSIQ.

## Composite Score Profile

## Composite Scores and Standard Error of Measurement

| Composite | Score | SEM  |
|-----------|-------|------|
| VCI       | 101   | 3.67 |
| PRI       | 102   | 3.97 |
| WMI       | 100   | 4.74 |
| PSI       | 103   | 4.97 |
| FSIQ      | 102   | 2.6  |
| GAI       | 101   | 3    |



The vertical bars represent the standard error of measurement (*SEM*).

## Index Level Discrepancy Comparisons

| Comparison | Score 1 | Score 2 | Difference | Critical Value<br>.05 | Significant<br>Difference<br>Y / N | Base Rate<br>Overall Sample |
|------------|---------|---------|------------|-----------------------|------------------------------------|-----------------------------|
| VCI - PRI  | 101     | 102     | -1         | 10.6                  | N                                  | 47.8                        |
| VCI - WMI  | 101     | 100     | 1          | 11.75                 | N                                  | 49.4                        |
| VCI - PSI  | 101     | 103     | -2         | 12.11                 | N                                  | 46.4                        |
| PRI - WMI  | 102     | 100     | 2          | 12.12                 | N                                  | 45.5                        |
| PRI - PSI  | 102     | 103     | -1         | 12.47                 | N                                  | 51.2                        |
| WMI - PSI  | 100     | 103     | -3         | 13.46                 | N                                  | 45.7                        |
| FSIQ - GAI | 102     | 101     | 1          | 3.91                  | N                                  | 45.5                        |

Base rate by overall sample.

Statistical significance (critical value) at the .05 level.

### Verbal Comprehension Subtests Summary

| Subtest      | Raw Score | Scaled Score | Percentile Rank | Reference Group Scaled Score | SEM  |
|--------------|-----------|--------------|-----------------|------------------------------|------|
| Similarities | 26        | 10           | 50              | 10                           | 1.37 |
| Vocabulary   | 41        | 11           | 63              | 11                           | 1.04 |
| Information  | 14        | 10           | 50              | 10                           | 0.9  |

### Perceptual Reasoning Subtests Summary

| Subtest          | Raw Score | Scaled Score | Percentile Rank | Reference Group Scaled Score | SEM  |
|------------------|-----------|--------------|-----------------|------------------------------|------|
| Block Design     | 53        | 11           | 63              | 11                           | 1.16 |
| Matrix Reasoning | 21        | 11           | 63              | 11                           | 1.2  |
| Visual Puzzles   | 16        | 9            | 37              | 9                            | 1.04 |

### Working Memory Subtests Summary

| Subtest    | Raw Score | Scaled Score | Percentile Rank | Reference Group Scaled Score | SEM  |
|------------|-----------|--------------|-----------------|------------------------------|------|
| Digit Span | 30        | 10           | 50              | 10                           | 1.04 |
| Arithmetic | 15        | 10           | 50              | 10                           | 1.27 |

### Processing Speed Subtests Summary

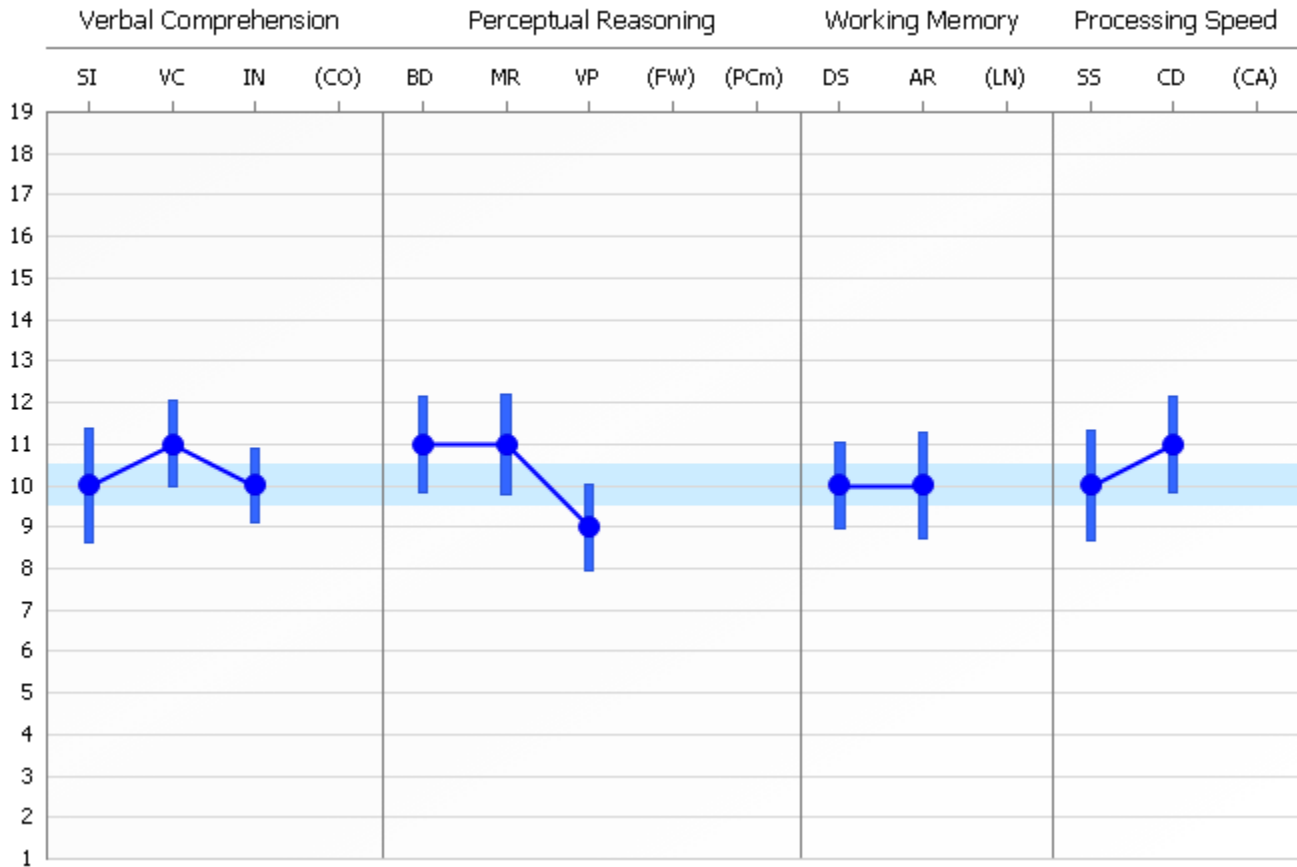
| Subtest       | Raw Score | Scaled Score | Percentile Rank | Reference Group Scaled Score | SEM  |
|---------------|-----------|--------------|-----------------|------------------------------|------|
| Symbol Search | 35        | 10           | 50              | 10                           | 1.31 |
| Coding        | 80        | 11           | 63              | 11                           | 1.16 |

### Subtest Level Discrepancy Comparisons

| Subtest Comparison      | Score 1 | Score 2 | Difference | Critical Value<br>.05 | Significant<br>Difference<br>Y / N | Base<br>Rate |
|-------------------------|---------|---------|------------|-----------------------|------------------------------------|--------------|
| Digit Span - Arithmetic | 10      | 10      | 0          | 2.81                  | N                                  |              |
| Symbol Search - Coding  | 10      | 11      | -1         | 3.41                  | N                                  | 40.6         |

Statistical significance (critical value) at the .05 level.

## Subtest Scaled Score Profile



The vertical bars represent the standard error of measurement (*SEM*)

## Determining Strengths and Weaknesses

### Differences Between Subtest and Overall Mean of Subtest Scores

| Subtest          | Subtest Scaled Score | Mean Scaled Score | Difference | Critical Value .05 | Strength or Weakness | Base Rate |
|------------------|----------------------|-------------------|------------|--------------------|----------------------|-----------|
| Block Design     | 11                   | 10.30             | 0.7        | 2.84               |                      | >25%      |
| Similarities     | 10                   | 10.30             | -0.3       | 3.32               |                      | >25%      |
| Digit Span       | 10                   | 10.30             | -0.3       | 2.54               |                      | >25%      |
| Matrix Reasoning | 11                   | 10.30             | 0.7        | 2.75               |                      | >25%      |
| Vocabulary       | 11                   | 10.30             | 0.7        | 2.33               |                      | >25%      |
| Arithmetic       | 10                   | 10.30             | -0.3       | 2.86               |                      | >25%      |
| Symbol Search    | 10                   | 10.30             | -0.3       | 3.44               |                      | >25%      |
| Visual Puzzles   | 9                    | 10.30             | -1.3       | 2.65               |                      | >25%      |
| Information      | 10                   | 10.30             | -0.3       | 2.33               |                      | >25%      |
| Coding           | 11                   | 10.30             | 0.7        | 2.98               |                      | >25%      |

Overall: Mean = 10.3, Scatter = 2, Base rate = 100.

Base Rate for Intersubtest Scatter is reported for 10 Full Scale Subtests.

Statistical significance (critical value) at the .05 level.

### Working Memory Process Score Summary

| Process Score         | Raw Score | Scaled Score | Percentile Rank | Base Rate | SEM  |
|-----------------------|-----------|--------------|-----------------|-----------|------|
| Digit Span Forward    | 11        | 10           | 50              | --        | 1.62 |
| Digit Span Backward   | 10        | 10           | 50              | --        | 1.2  |
| Digit Span Sequencing | 9         | 9            | 37              | --        | 1.5  |

### Process Level Discrepancy Comparisons

| Process Comparison                          | Score 1 | Score 2 | Difference | Critical Value<br>.05 | Significant<br>Difference<br>Y / N | Base Rate |
|---|---------|---------|------------|-----------------------|------------------------------------|-----------|
| Digit Span Forward - Digit Span Backward    | 10      | 10      | 0          | 3.72                  | N                                  |           |
| Digit Span Forward - Digit Span Sequencing  | 10      | 9       | 1          | 3.88                  | N                                  | 44        |
| Digit Span Backward - Digit Span Sequencing | 10      | 9       | 1          | 3.72                  | N                                  | 43.7      |

Statistical significance (critical value) at the .05 level.

### Raw Scores

| Subtest            | Score Range | Raw Score | Process                        | Score Range | Raw Score |
|--------------------|-------------|-----------|--------------------------------|-------------|-----------|
| Block Design       | 0–66        | 53        | Block Design No Time Bonus     | 0–48        |           |
| Similarities       | 0–36        | 26        | Digit Span Forward             | 0–16        | 11        |
| Digit Span         | 0–48        | 30        | Digit Span Backward            | 0–16        | 10        |
| Matrix Reasoning   | 0–26        | 21        | Digit Span Sequencing          | 0–16        | 9         |
| Vocabulary         | 0–57        | 41        | Longest Digit Span Forward     | 0, 2–9      |           |
| Arithmetic         | 0–22        | 15        | Longest Digit Span Backward    | 0, 2–8      |           |
| Symbol Search      | 0–60        | 35        | Longest Digit Span Sequence    | 0, 2–9      |           |
| Visual Puzzles     | 0–26        | 16        | Longest Letter–Number Sequence | 0, 2–8      |           |
| Information        | 0–26        | 14        |                                |             |           |
| Coding             | 0–135       | 80        |                                |             |           |
| Letter–Number Seq. | 0–30        |           |                                |             |           |
| Figure Weights     | 0–27        |           |                                |             |           |
| Comprehension      | 0–36        |           |                                |             |           |
| Cancellation       | 0–72        |           |                                |             |           |
| Picture Completion | 0–24        |           |                                |             |           |

## WIAT-III Results

### Subtest Score Summary

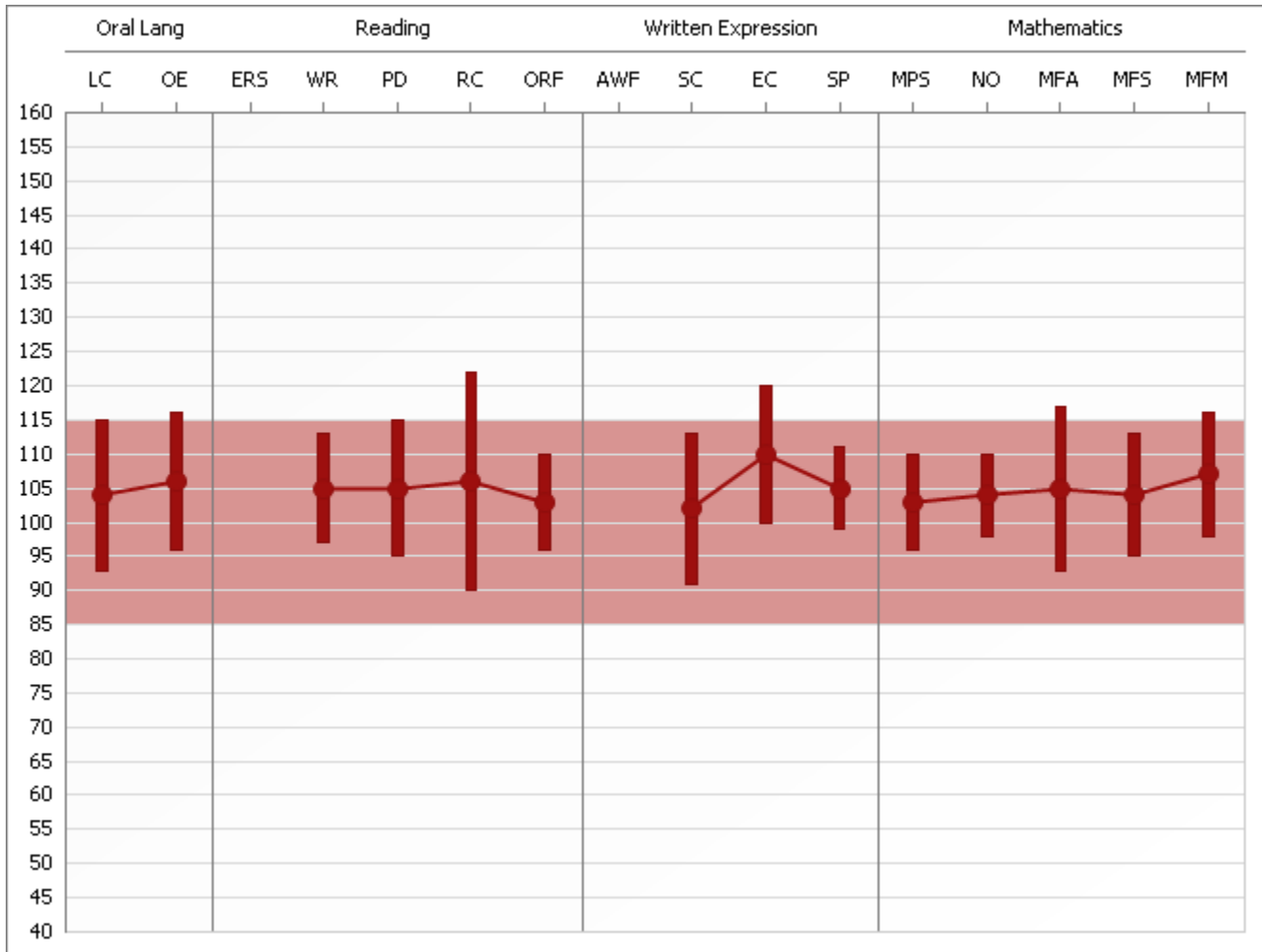
| Subtest                     | Raw Score | Standard Score | 95%                 | Normal          | Grade Equiv. | Age Equiv. | Growth Score |                      |
|-----------------------------|-----------|----------------|---------------------|-----------------|--------------|------------|--------------|----------------------|
|                             |           |                | Confidence Interval | Percentile Rank |              |            |              | Curve Equiv. Stanine |
| Listening Comprehension     | —         | 104            | 93–115              | 61              | 56           | 6          | N/A          | N/A                  |
| Reading Comprehension       | 44*       | 106            | 90–122              | 66              | 58           | 6          | N/A          | N/A                  |
| Math Problem Solving        | 59        | 103            | 96–110              | 58              | 54           | 5          | N/A          | N/A                  |
| Sentence Composition        | —         | 102            | 91–113              | 55              | 53           | 5          | N/A          | N/A                  |
| Word Reading                | 68        | 105            | 97–113              | 63              | 57           | 6          | N/A          | N/A                  |
| Essay Composition           | —         | 110            | 100–120             | 75              | 64           | 6          | N/A          | N/A                  |
| Pseudoword Decoding         | 46        | 105            | 95–115              | 63              | 57           | 6          | N/A          | N/A                  |
| Numerical Operations        | 42        | 104            | 98–110              | 61              | 56           | 6          | N/A          | N/A                  |
| Oral Expression             | —         | 106            | 96–116              | 66              | 58           | 6          | N/A          | N/A                  |
| Oral Reading Fluency        | 161*      | 103            | 96–110              | 58              | 54           | 5          | N/A          | N/A                  |
| Spelling                    | 52        | 105            | 99–111              | 63              | 57           | 6          | N/A          | N/A                  |
| Math Fluency—Addition       | 45        | 105            | 93–117              | 63              | 57           | 6          | N/A          | N/A                  |
| Math Fluency—Subtraction    | 39        | 104            | 95–113              | 61              | 56           | 6          | N/A          | N/A                  |
| Math Fluency—Multiplication | 34        | 107            | 98–116              | 68              | 60           | 6          | N/A          | N/A                  |

— Indicates a subtest with multiple raw scores (shown in the Subtest Component Score Summary).

\* Indicates a raw score that is converted to a weighted raw score (not shown).

† Indicates that a raw score is based on a below grade level item set.

### Subtest Score Profile



Note. The vertical bars represent the confidence interval at 95%.

### Supplemental Subtest Score Summary

| Score Name            | Raw Score | Standard Score | 95% Confidence Interval | Percentile Rank | Normal Curve Equiv. | Stanine | Grade Equiv. | Age Equiv. | Growth Score |
|-----------------------|-----------|----------------|-------------------------|-----------------|---------------------|---------|--------------|------------|--------------|
| Essay Composition:    |           |                |                         |                 |                     |         |              |            |              |
| Grammar and Mechanics | 134       | 104            | 92–116                  | 61              | 56                  | 6       | N/A          | N/A        | N/A          |
| Oral Reading Accuracy | 373*      | 93             | 78–108                  | 32              | 40                  | 4       | N/A          | N/A        | N/A          |
| Oral Reading Rate     | 139*      | 104            | 96–112                  | 61              | 56                  | 6       | N/A          | N/A        | N/A          |

\* Indicates a raw score that is converted to a weighted raw score (not shown).

## Cumulative Percentages

|                                  |  |
|----------------------------------|--|
| <b>Word Reading Speed</b>        | The score is the same as or higher than the scores obtained by 50% of students in the normative sample; 50% of students in the normative sample scored higher than this score. |
| <b>Pseudoword Decoding Speed</b> | The score is the same as or higher than the scores obtained by 50% of students in the normative sample; 50% of students in the normative sample scored higher than this score. |

## Subtest Component Score Summary

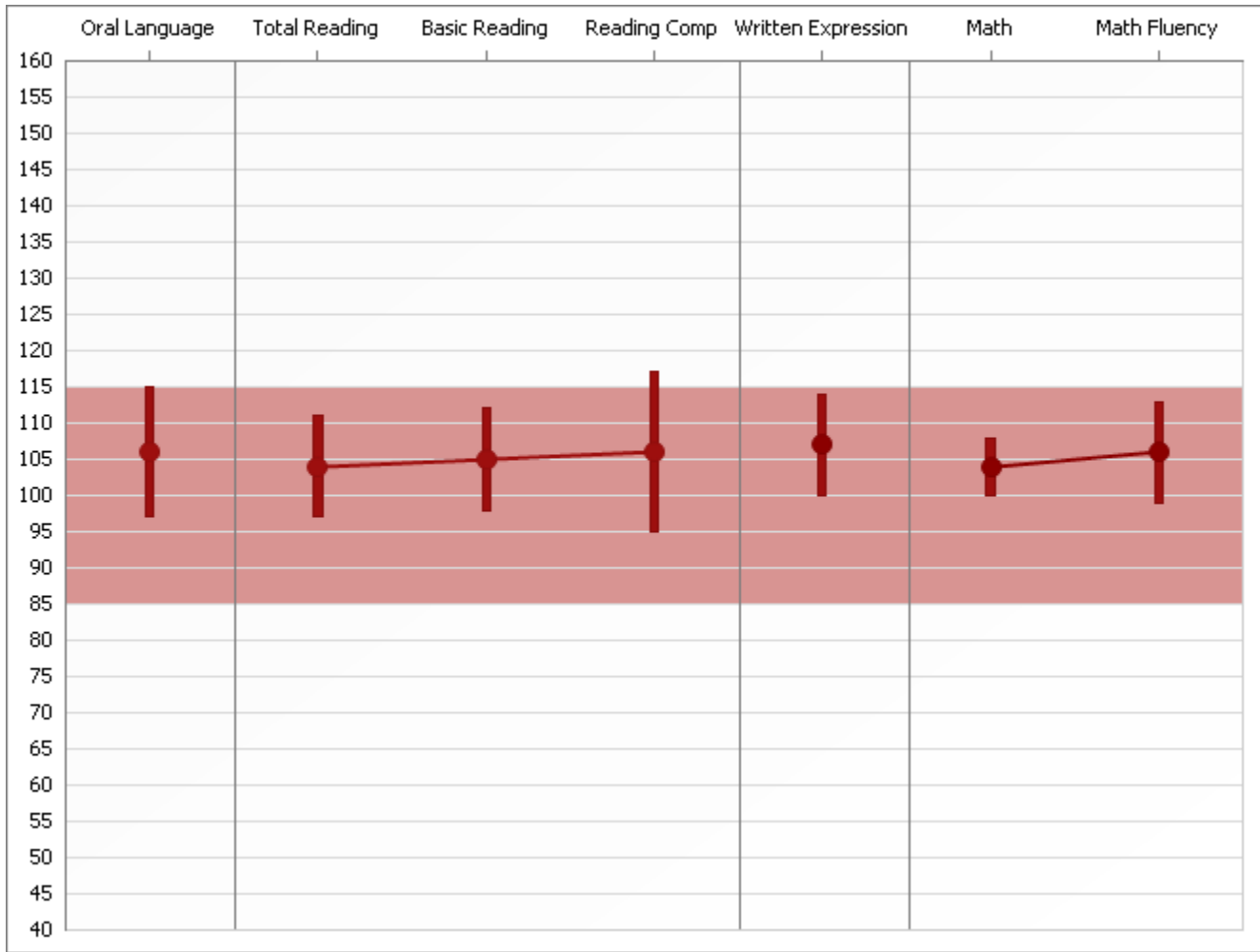
| Subtest Component                       | Raw Score | Standard Score | Percentile Rank | Normal Curve Equivalent | Stanine | Qualitative Description |
|---|-----------|----------------|-----------------|-------------------------|---------|-------------------------|
| <b>Listening Comprehension</b>          |           |                |                 |                         |         |                         |
| Receptive Vocabulary                    | 16        | 101            | 53              | 51                      | 5       | Average                 |
| Oral Discourse Comprehension            | 22        | 106            | 66              | 58                      | 6       | Average                 |
| <b>Sentence Composition</b>             |           |                |                 |                         |         |                         |
| Sentence Combining                      | 18        | 100            | 50              | 50                      | 5       | Average                 |
| Sentence Building                       | 26        | 104            | 61              | 56                      | 6       | Average                 |
| <b>Essay Composition</b>                |           |                |                 |                         |         |                         |
| Word Count                              | 190       | 117            | 87              | 74                      | 7       | Above Average           |
| Theme Development and Text Organization | 10        | 102            | 55              | 53                      | 5       | Average                 |
| <b>Oral Expression</b>                  |           |                |                 |                         |         |                         |
| Expressive Vocabulary                   | 15        | 108            | 70              | 61                      | 6       | Average                 |
| Oral Word Fluency                       | 40        | 106            | 66              | 58                      | 6       | Average                 |
| Sentence Repetition                     | 24        | 101            | 53              | 51                      | 5       | Average                 |

## Composite Score Summary

| Composite                         | Sum of Subtest Standard Scores | Standard Score | 95% Confidence Interval | Percentile Rank | Normal Curve Equiv. | Stanine | Qualitative Description |
|-----------------------------------|--------------------------------|----------------|-------------------------|-----------------|---------------------|---------|-------------------------|
| Oral Language                     | 210                            | 106            | 97–115                  | 66              | 58                  | 6       | Average                 |
| Total Reading                     | 419                            | 104            | 97–111                  | 61              | 56                  | 6       | Average                 |
| Basic Reading                     | 210                            | 105            | 98–112                  | 63              | 57                  | 6       | Average                 |
| Reading Comprehension and Fluency | 209                            | 106            | 95–117                  | 66              | 58                  | 6       | Average                 |
| Written Expression                | 317                            | 107            | 100–114                 | 68              | 60                  | 6       | Average                 |
| Mathematics                       | 207                            | 104            | 100–108                 | 61              | 56                  | 6       | Average                 |
| Math Fluency                      | 316                            | 106            | 99–113                  | 66              | 58                  | 6       | Average                 |
| Total Achievement                 | 1048                           | 106            | 101–111                 | 66              | 58                  | 6       | Average                 |



**Composite Score Profile**



*Note.* The vertical bars represent the confidence interval at 95%.

### Differences Between Composite Standard Scores

| Comparison   | Difference | Critical Value<br>(Significance<br>Level .01) | Significant<br>Difference<br>Y/N | Base Rate |
|--|------------|---|----------------------------------|-----------|
| Oral Language vs. Total Reading                          | 2          | 14.94   | N                                | >15%      |
| Oral Language vs. Basic Reading                          | 1          | 13.36   | N                                | >15%      |
| Oral Language vs. Reading Comprehension and Fluency      | 0          | 13.50   | N                                | >15%      |
| Oral Language vs. Written Expression                     | -1         | 15.86   | N                                | >15%      |
| Oral Language vs. Mathematics                            | 2          | 13.80   | N                                | >15%      |
| Oral Language vs. Math Fluency                           | 0          | 12.89   | N                                | >15%      |
| Total Reading vs. Basic Reading                          | -1         | 12.58   | N                                | >15%      |
| Total Reading vs. Reading Comprehension and Fluency      | -2         | 12.74   | N                                | >15%      |
| Total Reading vs. Written Expression                     | -3         | 15.21   | N                                | >15%      |
| Total Reading vs. Mathematics                            | 0          | 13.06   | N                                | >15%      |
| Total Reading vs. Math Fluency                           | -2         | 12.08   | N                                | >15%      |
| Basic Reading vs. Reading Comprehension and Fluency      | -1         | 10.84   | N                                | >15%      |
| Basic Reading vs. Written Expression                     | -2         | 13.67   | N                                | >15%      |
| Basic Reading vs. Mathematics                            | 1          | 11.22   | N                                | >15%      |
| Basic Reading vs. Math Fluency                           | -1         | 10.07   | N                                | >15%      |
| Reading Comprehension and Fluency vs. Written Expression | -1         | 13.81   | N                                | >15%      |
| Reading Comprehension and Fluency vs. Mathematics        | 2          | 11.39   | N                                | >15%      |
| Reading Comprehension and Fluency vs. Math Fluency       | 0          | 10.26   | N                                | >15%      |
| Written Expression vs. Mathematics                       | 3          | 14.10   | N                                | >15%      |
| Written Expression vs. Math Fluency                      | 1          | 13.21   | N                                | >15%      |
| Mathematics vs. Math Fluency                             | -2         | 10.66   | N                                | >15%      |

*Note.* A negative difference indicates that the second composite has a higher score than the first composite listed in the comparison.

### Differences Between Subtest Standard Scores

| Comparison  | Difference | Critical Value<br>(Significance<br>Level .01) | Significant<br>Difference |           |
|---|------------|---|---------------------------|-----------|
|   |            |   | Y/N                       | Base Rate |
| Oral Expression vs. Sentence Composition          | 4          | 17.79   | N                         | >15%      |
| Reading Comprehension vs. Listening Comprehension | 2          | 21.32   | N                         | >15%      |
| Sentence Composition vs. Reading Comprehension    | -4         | 21.22   | N                         | >15%      |
| Math Problem Solving vs. Numerical Operations     | -1         | 12.88   | N                         | >15%      |

*Note.* A negative difference indicates that the second subtest has a higher score than the first subtest listed in the comparison.

### Ability–Achievement Discrepancy Analysis

Ability Score Type: WAIS–IV FSIQ

Ability Score: 102

#### Predicted Difference Method

| WIAT–III Subtest                         | Predicted<br>WIAT–III<br>Score | Actual<br>WIAT–III<br>Score | Expected<br>Difference | Critical<br>Value<br>.01 | Significant<br>Difference<br>Y / N | Base<br>Rate | Standard<br>Deviation<br>Discrepancy<br>≥1.5 SD |
|--|--------------------------------|-----------------------------|------------------------|--------------------------|------------------------------------|--------------|---|
| Listening Comprehension                  | 101                            | 104                         | -3                     | 15.48                    | N                                  | N/A          | N/A   |
| Reading Comprehension                    | 101                            | 106                         | -5                     | 17.65                    | N                                  | N/A          | N/A   |
| Math Problem Solving                     | 101                            | 103                         | -2                     | 11.38                    | N                                  | N/A          | N/A   |
| Sentence Composition                     | 101                            | 102                         | -1                     | 15.37                    | N                                  | N/A          | N/A   |
| Word Reading                             | 101                            | 105                         | -4                     | 10.20                    | N                                  | N/A          | N/A   |
| Essay Composition                        | 101                            | 110                         | -9                     | 14.23                    | N                                  | N/A          | N/A   |
| Essay Composition: Grammar and Mechanics | 101                            | 104                         | -3                     | 16.76                    | N                                  | N/A          | N/A   |
| Pseudoword Decoding                      | 101                            | 105                         | -4                     | 10.01                    | N                                  | N/A          | N/A   |
| Numerical Operations                     | 101                            | 104                         | -3                     | 10.46                    | N                                  | N/A          | N/A   |
| Oral Expression                          | 101                            | 106                         | -5                     | 13.60                    | N                                  | N/A          | N/A   |
| Oral Reading Fluency                     | 101                            | 103                         | -2                     | 9.16                     | N                                  | N/A          | N/A   |
| Oral Reading Accuracy                    | 101                            | 93                          | 8                      | 19.98                    | N                                  | >15%         | N   |
| Oral Reading Rate                        | 101                            | 104                         | -3                     | 11.34                    | N                                  | N/A          | N/A   |
| Spelling                                 | 101                            | 105                         | -4                     | 8.85                     | N                                  | N/A          | N/A   |
| Math Fluency—Addition                    | 101                            | 105                         | -4                     | 16.35                    | N                                  | N/A          | N/A   |
| Math Fluency—Subtraction                 | 101                            | 104                         | -3                     | 12.18                    | N                                  | N/A          | N/A   |
| Math Fluency—Multiplication              | 101                            | 107                         | -6                     | 12.71                    | N                                  | N/A          | N/A   |
| <b>WIAT–III Composite</b>                |                                |                             |                        |                          |                                    |              |   |
| Oral Language                            | 101                            | 106                         | -5                     | 11.78                    | N                                  | N/A          | N/A   |
| Total Reading                            | 101                            | 104                         | -3                     | 8.95                     | N                                  | N/A          | N/A   |
| Basic Reading                            | 101                            | 105                         | -4                     | 8.60                     | N                                  | N/A          | N/A   |
| Reading Comprehension and Fluency        | 101                            | 106                         | -5                     | 12.86                    | N                                  | N/A          | N/A   |
| Written Expression                       | 101                            | 107                         | -6                     | 10.49                    | N                                  | N/A          | N/A   |
| Mathematics                              | 101                            | 104                         | -3                     | 8.26                     | N                                  | N/A          | N/A   |
| Math Fluency                             | 101                            | 106                         | -5                     | 9.43                     | N                                  | N/A          | N/A   |
| Total Achievement                        | 102                            | 106                         | -4                     | 8.75                     | N                                  | N/A          | N/A   |

*Note.* Base rates and standard deviation discrepancies are not reported when the achievement score equals or exceeds the ability scores.