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**California Department of Education Assessment Development & Administration Division**

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# California Assessment of Student Performance and Progress Smarter Balanced Technical Report 2018–‍2019 Administration

## Chapter 2 Appendices

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**Educational Testing Service**



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### Table of Contents

[Table of Contents ii](#_Toc184997409)

[List of Tables ii](#_Toc184997410)

[Appendix 2.A: Smarter Balanced Blueprints 1](#_Toc184997411)

[English Language Arts/Literacy (ELA) Summative Assessments Blueprint 1](#_Toc184997412)

[Smarter Balanced Mathematics Summative Assessments Blueprint 14](#_Toc184997413)

[Enhanced Computer Adaptive Testing (CAT) Blueprints for Students Participating in the 2018–‍2019 Smarter Balanced Embedded Field Test of Performance Tasks (PTs) 39](#_Toc184997414)

[Appendix 2.B: Special Services Summaries 40](#_Toc184997415)

#### List of Tables

[Table 2.B.1 Special Services Summary for ELA Performance Task (PT), Grades Three Through Six—All Tested 40](#_Toc180762404)

[Table 2.B.2 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—All Tested 42](#_Toc180762405)

[Table 2.B.3 Special Services Summary for ELA PT, Grades Three Through Six—Students With No Special Education Services 44](#_Toc180762406)

[Table 2.B.4 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—Students with No Special Education Services 46](#_Toc180762407)

[Table 2.B.5 Special Services Summary for ELA PT, Grades Three Through Six—Students with Special Education Services 48](#_Toc180762408)

[Table 2.B.6 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—Students with Special Education Services 50](#_Toc180762409)

[Table 2.B.7 Special Services Summary for ELA PT, Grades Three Through Six—English-only (EO) Students 52](#_Toc180762410)

[Table 2.B.8 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—EO Students 54](#_Toc180762411)

[Table 2.B.9 Special Services Summary for ELA PT, Grades Three Through Six—Initial Fluent English Proficient (IFEP) Students 56](#_Toc180762412)

[Table 2.B.10 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—IFEP Students 58](#_Toc180762413)

[Table 2.B.11 Special Services Summary for ELA PT, Grades Three Through Six—English Learner (EL) Students 60](#_Toc180762414)

[Table 2.B.12 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—EL Students 62](#_Toc180762415)

[Table 2.B.13 Special Services Summary for ELA PT, Grades Three Through Six—Reclassified Fluent English Proficient (RFEP) Students 64](#_Toc180762416)

[Table 2.B.14 Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—RFEP Students 66](#_Toc180762417)

[Table 2.B.15 Special Services Summary for Mathematics PT, Grades Three Through Six—All Tested 68](#_Toc180762418)

[Table 2.B.16 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—All Tested 70](#_Toc180762419)

[Table 2.B.17 Special Services Summary for Mathematics PT, Grades Three Through Six—Students with No Special Education Services 72](#_Toc180762420)

[Table 2.B.18 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—Students with No Special Education Services 74](#_Toc180762421)

[Table 2.B.19 Special Services Summary for Mathematics PT, Grades Three Through Six—Students with Special Education Services 76](#_Toc180762422)

[Table 2.B.20 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—Students with Special Education Services 78](#_Toc180762423)

[Table 2.B.21 Special Services Summary for Mathematics PT, Grades Three Through Six—EO Students 80](#_Toc180762424)

[Table 2.B.22 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—EO Students 82](#_Toc180762425)

[Table 2.B.23 Special Services Summary for Mathematics PT, Grades Three Through Six—IFEP Students 84](#_Toc180762426)

[Table 2.B.24 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—IFEP Students 86](#_Toc180762427)

[Table 2.B.25 Special Services Summary for Mathematics PT, Grades Three Through Six—EL Students 88](#_Toc180762428)

[Table 2.B.26 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—EL Students 90](#_Toc180762429)

[Table 2.B.27 Special Services Summary for Mathematics PT, Grades Three Through Six—RFEP Students 92](#_Toc180762430)

[Table 2.B.28 Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—RFEP Students 94](#_Toc180762431)

[Table 2.B.29 Special Services Summary for ELA, Computer Adaptive Test (CAT) Grades Three Through Six—All Tested 96](#_Toc180762432)

[Table 2.B.30 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍All Tested 98](#_Toc180762433)

[Table 2.B.31 Special Services Summary for ELA, CAT Grades Three Through Six—Students with No Special Education Services 100](#_Toc180762434)

[Table 2.B.32 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍Students with No Special Education Services 102](#_Toc180762435)

[Table 2.B.33 Special Services Summary for ELA, CAT Grades Three Through Six—Students with Special Education Services 104](#_Toc180762436)

[Table 2.B.34 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍Students with Special Education Services 106](#_Toc180762437)

[Table 2.B.35 Special Services Summary for ELA CAT, Grades Three Through Six—EO Students 108](#_Toc180762438)

[Table 2.B.36 Special Services Summary for ELA CAT, Grades Seven, Eight, and Eleven—‍EO Students 110](#_Toc180762439)

[Table 2.B.37 Special Services Summary for ELA, CAT Grades Three Through Six—IFEP Students 112](#_Toc180762440)

[Table 2.B.38 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍IFEP Students 114](#_Toc180762441)

[Table 2.B.39 Special Services Summary for ELA, CAT Grades Three Through Six—EL Students 116](#_Toc180762442)

[Table 2.B.40 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍EL Students 118](#_Toc180762443)

[Table 2.B.41 Special Services Summary for ELA, CAT Grades Three Through Six—RFEP Students 120](#_Toc180762444)

[Table 2.B.42 Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍RFEP Students 122](#_Toc180762445)

[Table 2.B.43 Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍All Tested 124](#_Toc180762446)

[Table 2.B.44 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—All Tested 126](#_Toc180762447)

[Table 2.B.45 Special Services Summary for Mathematics, CAT Grades Three Through Six—‍Students with No Special Education Services 128](#_Toc180762448)

[Table 2.B.46 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—Students with No Special Education Services 130](#_Toc180762449)

[Table 2.B.47 Special Services Summary for Mathematics, CAT Grades Three Through Six—‍Students with Special Education Services 132](#_Toc180762450)

[Table 2.B.48 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—Students with Special Education Services 134](#_Toc180762451)

[Table 2.B.49 Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍EO Students 136](#_Toc180762452)

[Table 2.B.50 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—EO Students 138](#_Toc180762453)

[Table 2.B.51 Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍IFEP Students 140](#_Toc180762454)

[Table 2.B.52 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—IFEP Students 142](#_Toc180762455)

[Table 2.B.53 Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍EL Students 144](#_Toc180762456)

[Table 2.B.54 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—EL Students 146](#_Toc180762457)

[Table 2.B.55 Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍RFEP Students 148](#_Toc180762458)

[Table 2.B.56 Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—RFEP Students 150](#_Toc180762459)

### Appendix 2.A: Smarter Balanced Blueprints

#### English Language Arts/Literacy (ELA) Summative Assessments Blueprint

##### Blueprint Table ELA/Literacy Grades Three Through Five as of 2018–2019 Test Administration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Claim/Score Reporting Category[[1]](#footnote-2)** | **Content Category[[2]](#footnote-3)** | **CAT Stimuli** | **PT Stimuli[[3]](#footnote-4)** | **CAT Items[[4]](#footnote-5)** | **PT Items[[5]](#footnote-6)** | **Total Items by Claim** |
| 1. Reading | Literary | 2 | 0 | 7–8 | 0 | 14–16 |
| 1. Reading | Informational | 2 | 0 | 7–8 | 0 | 14–16 |
| 2. Writing | Organization/Purpose | 0 | 1a | 3a | 1[[6]](#footnote-7) | 9[[7]](#footnote-8) |
| 2. Writing | Evidence/Elaboration | 0 | 1a | 3a | 16 | 97 |
| 2. Writing | Conventions | 0 | 1a | 3b | 16 | 97 |
| 3. Speaking/‌Listening | Listening | 3–4 | 0 | 8–9 | 0 | 8–9 |
| 4. Research | Research | 0 | 1b | 8 | 1 | 9 |

##### Blueprint Table ELA/Literacy Grades Six Through Eight as of 2018–2019 Test Administration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Claim/Score Reporting Category[[8]](#footnote-9)** | **Content Category[[9]](#footnote-10)** | **CAT Stimuli** | **PT Stimuli[[10]](#footnote-11)** | **CAT Items[[11]](#footnote-12)** | **PT Items[[12]](#footnote-13)** | **Total Items by Claim** |
| 1. Reading | Literary | 1–2 | 0 | 4–7 | 0 | 14–17 |
| 1. Reading | Informational | 2–3 | 0 | 10–12 | 0 | 14–17 |
| 2. Writing | Organization/Purpose | 0 | 1a | 3a | 1[[13]](#footnote-14) | 9[[14]](#footnote-15) |
| 2. Writing | Evidence/Elaboration | 0 | 1a | 3a | 16 | 97 |
| 2. Writing | Conventions | 0 | 1a | 3b | 16 | 97 |
| 3. Speaking/‌Listening | Listening | 3−4 | 0 | 8−9 | 0 | 8−9 |
| 4. Research | Research | 0 | 1b | 8 | 1 | 9 |

##### Blueprint Table ELA/Literacy Grade Eleven as of 2018–2019 Test Administration

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Claim/Score Reporting Category[[15]](#footnote-16)** | **Content Category[[16]](#footnote-17)** | **CAT Stimuli** | **PT Stimuli[[17]](#footnote-18)** | **CAT Items[[18]](#footnote-19)** | **PT Items[[19]](#footnote-20)** | **Total Items by Claim** |
| 1. Reading | Literary | 1 | 0 | 4 | 0 | 15−16 |
| 1. Reading | Informational | 3 | 0 | 11−12 | 0 | 15−16 |
| 2. Writing | Organization/Purpose | 0 | 1a | 3a | 1[[20]](#footnote-21) | 9[[21]](#footnote-22) |
| 2. Writing | Evidence/Elaboration | 0 | 1a | 3a | 16 | 97 |
| 2. Writing | Conventions | 0 | 1a | 3b | 16 | 97 |
| 3. Speaking/‌Listening | Listening | 3−4 | 0 | 8−9 | 0 | 8−9 |
| 4. Research | Research | 0 | 1b | 8 | 1 | 9 |

##### Target Sampling ELA/Literacy Grades Three Through Five, CAT Component

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Claim/Score Reporting Category** | **Content Category** | **Assessment Target[[22]](#footnote-23)** | **DOK[[23]](#footnote-24),[[24]](#footnote-25)** | **CAT Items** | **Machine-Scored Item** | **Short-Text Item** | **Total Items** |
| 1. Reading | Literary[[25]](#footnote-26) | 2: Central Ideas | 2, 3 | 1−2 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 4: Reasoning and Evaluation | 3 | 1−2 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 1: Key Details | 1, 2 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 3: Word Meanings | 1, 2 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 5: Analysis within/across Texts | 3, 4 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 6: Text Structures and Features | 2, 3 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Literary4 | 7: Language Use | 2, 3 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational[[26]](#footnote-27) | 9: Central Ideas | 2, 3 | 1−2 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 11: Reasoning and Evaluation | 3 | 1−2 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 8: Key Details | 1, 2 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 10: Word Meanings | 1, 2 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 12: Analysis within/across Texts | 3, 4 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 13: Text Structures and Features | 2, 3 | 3−6 | 7−8 | 0 | 7−8 |
| 1. Reading | Informational5 | 14: Language Use | 2, 3 | 3−6 | 7−8 | 0 | 7−8 |
| 2. Writing | Organization/‌Purpose | 1b/3b/6b: Revise Brief Texts[[27]](#footnote-28) | 2 | 1 | 1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration | 1b/3b/6b: Revise Brief Texts9 | 2 | 1 | 1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration | 8: Language and Vocabulary Use[[28]](#footnote-29) | 1, 2 | 1 | 1 | 0 | 6 |
| 2. Writing | Conventions | 9: Edit/Clarify | 1, 2 | 3 | 3 | 0 | 6 |
| 3. Speaking/‌Listening | Listening | 4: Listen/Interpret | 1, 2, 3 | 8−9 | 8−9 | 0 | 8−9 |
| 4. Research | Research | 2: Interpret and Integrate Information | 2 | 2−3 | 2−3 | 0 | 8 |
| 4. Research | Research | 3: Analyze Information/‌Sources | 2 | 2−3 | 2−3 | 0 | 8 |
| 4. Research | Research | 4: Use Evidence | 2 | 2−3 | 2−3 | 0 | 8 |

##### Target Sampling ELA/Literacy Grades Three Through Five, PT Component

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Claim/Score Reporting Category** | **Content Category** | **Assessment Target** | **DOK** | **Machine-Scored Item** | **Short-Text Item** | **Full-Write Item** | **Scores** |
| 2. Writing | Organization/‌Purpose | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 8: Language and Vocabulary Use | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Conventions | 9: Edit/Clarify | 4 | 0 | 0 | 1 | 1 |
| 4. Research | Research | 2: Interpret and Integrate Information | 3 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 3: Analyze Information/Sources | 3, 4 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 4: Use Evidence | 3 | 0–1 | 0–1 | 0 | 1 |

##### Target Sampling ELA/Literacy Grades Six Through Eight, CAT Component

| Claim/Score Reporting Category | Content Category | Assessment Target[[29]](#footnote-30) | DOK[[30]](#footnote-31),[[31]](#footnote-32) | CAT Items | Machine-Scored Item | Short-Text Item | Total Items |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Reading | Literary[[32]](#footnote-33) | 2: Central Ideas | 2, 3 | 1 | 1−2 | 0−1[[33]](#footnote-34) | 4–7 |
| 1. Reading | Literary4 | 4: Reasoning and Evaluation | 3, 4 | 1 | 1−2 | 0−15 | 4–7 |
| 1. Reading | Literary4 | 1: Key Details | 2 | 2–5 | 2–5 | 0 | 4–7 |
| 1. Reading | Literary4 | 3: Word Meanings | 1, 2 | 2–5 | 2–5 | 0 | 4–7 |
| 1. Reading | Literary4 | 5: Analysis within/across Texts | 3, 4 | 2–5 | 2–5 | 0 | 4–7 |
| 1. Reading | Literary4 | 6: Text Structures and Features | 2, 3, 4 | 2–5 | 2–5 | 0 | 4–7 |
| 1. Reading | Literary4 | 7: Language Use | 3 | 2–5 | 2–5 | 0 | 4–7 |
| 1. Reading | Informational[[34]](#footnote-35) | 9: Central Ideas | 2, 3 | 2–5 | 10–12 | 0−1[[35]](#footnote-36) | 10–12[[36]](#footnote-37) |
| 1. Reading | Informational6 | 11: Reasoning and Evaluation | 3, 4 | 2–5 | 10–12 | 0−17 | 10–128 |
| 1. Reading | Informational6 | 8: Key Details | 2 | 7–10 | 10–12 | 0 | 10–128 |
| 1. Reading | Informational6 | 10: Word Meanings | 1, 2 | 7–10 | 10–12 | 0 | 10–128 |
| 1. Reading | Informational6 | 12: Analysis within/across Texts | 3, 4 | 7–10 | 10–12 | 0 | 10–128 |
| 1. Reading | Informational6 | 13: Text Structures and Features | 2, 3 | 7–10 | 10–12 | 0 | 10–128 |
| 1. Reading | Informational6 | 14: Language Use | 3 | 7–10 | 10–12 | 0 | 10–128 |
| 2. Writing | Organization/Purpose[[37]](#footnote-38) | 1a/3a/6a: Write Brief Texts | 3 | 1 | 0 | 0–1 | 6 |
| 2. Writing | Organization/Purpose12 | 1b/3b/6b: Revise Brief Texts | 2 | 1 | 0–1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration12 | 1a/3a/6a: Write Brief Texts | 3 | 1 | 0 | 0–1 | 6 |
| 2. Writing | Evidence/‌Elaboration12 | 1b/3b/6b: Revise Brief Texts | 2 | 1 | 0–1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration12 | 8: Language and Vocabulary Use[[38]](#footnote-39) | 1, 2 | 1 | 1 | 0 | 6 |
| 2. Writing | Conventions | 9: Edit/Clarify | 1, 2 | 3 | 3 | 0 | 6 |
| 3. Speaking/‌Listening | Listening | 4: Listen/Interpret | 1, 2, 3 | 8−9 | 8−9 | 0 | 8–9 |
| 4. Research | Research | 2: Analyze/Integrate Information | 2 | 2–3 | 2–3 | 0 | 8 |
| 4. Research | Research | 3: Evaluate Information/‌Sources | 2 | 2–3 | 2–3 | 0 | 8 |
| 4. Research | Research | 4: Use Evidence | 2 | 2–3 | 2–3 | 0 | 8 |

##### Target Sampling ELA/Literacy Grades Six Through Eight, PT Component

| Claim/Score Reporting Category | Content Category | Assessment Target | DOK | Machine-Scored Item | Short-Text Item | Full-Write Item | Scores |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2. Writing | Organization/‌Purpose | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 8: Language and Vocabulary Use | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Conventions | 9: Edit/Clarify | 4 | 0 | 0 | 1 | 1 |
| 4. Research | Research | 2: Analyze/Integrate Information | 3, 4 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 3: Evaluate Information/‌Sources | 3, 4 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 4: Use Evidence | 3, 4 | 0–1 | 0–1 | 0 | 1 |

##### Target Sampling ELA/Literacy Grade Eleven, CAT Component

| Claim/Score Reporting Category | Content Category | Assessment Target[[39]](#footnote-40) | DOK[[40]](#footnote-41),[[41]](#footnote-42) | CAT Items | Machine-Scored Item | Short-Text Item | Total Items |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Reading | Literary[[42]](#footnote-43) | 2: Central Ideas | 2, 3 | 1 | 1−2 | 0−1[[43]](#footnote-44) | 4 |
| 1. Reading | Literary4 | 4: Reasoning and Evaluation | 3, 4 | 1 | 1−2 | 0−15 | 4 |
| 1. Reading | Literary4 | 1: Key Details | 2 | 2 | 2 | 0 | 4 |
| 1. Reading | Literary4 | 3: Word Meanings | 1, 2 | 2 | 2 | 0 | 4 |
| 1. Reading | Literary4 | 5: Analysis within/across Texts | 3, 4 | 2 | 2 | 0 | 4 |
| 1. Reading | Literary4 | 6: Text Structures and Features | 3, 4 | 2 | 2 | 0 | 4 |
| 1. Reading | Literary4 | 7: Language Use | 3 | 2 | 2 | 0 | 4 |
| 1. Reading | Informational[[44]](#footnote-45) | 9: Central Ideas | 2,3 | 2−4 | 10−12 | 0−1[[45]](#footnote-46) | 11−12 |
| 1. Reading | Informational6 | 11: Reasoning and Evaluation | 3, 4 | 2−4 | 10−12 | 0−17 | 11−12 |
| 1. Reading | Informational6 | 8: Key Details | 2 | 7−10 | 10−12 | 0 | 11−12 |
| 1. Reading | Informational6 | 10: Word Meanings | 1, 2 | 7−10 | 10−12 | 0 | 11−12 |
| 1. Reading | Informational6 | 12: Analysis within/across Texts | 3, 4 | 7−10 | 10−12 | 0 | 11−12 |
| 1. Reading | Informational6 | 13: Text Structures and Features | 3, 4 | 7−10 | 10−12 | 0 | 11−12 |
| 1. Reading | Informational6 | 14: Language Use | 3 | 7−10 | 10−12 | 0 | 11−12 |
| 2. Writing | Organization/‌Purpose[[46]](#footnote-47) | 1a/3a/6a: Write Brief Texts | 3 | 1 | 0 | 0–1 | 6 |
| 2. Writing | Organization/‌Purpose8 | 1b/3b/6b: Revise Brief Texts | 2 | 1 | 0–1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration8 | 1a/3a/6a: Write Brief Texts | 3 | 1 | 0 | 0–1 | 6 |
| 2. Writing | Evidence/‌Elaboration8 | 1b/3b/6b: Revise Brief Texts | 2 | 1 | 0–1 | 0 | 6 |
| 2. Writing | Evidence/‌Elaboration8 | 8: Language and Vocabulary Use[[47]](#footnote-48) | 1, 2 | 1 | 1 | 0 | 6 |
| 2. Writing | Conventions | 9: Edit/Clarify | 1, 2 | 3 | 3 | 0 | 6 |
| 3. Speaking/Listening | Listening | 4: Listen/Interpret | 1, 2, 3 | 8−9 | 8−9 | 0 | 8−9 |
| 4. Research | Research | 2: Analyze/Integrate Information | 2 | 2−3 | 2−3 | 0 | 8 |
| 4. Research | Research | 3: Evaluate Information/Sources | 2 | 2−3 | 2−3 | 0 | 8 |
| 4. Research | Research | 4: Use Evidence | 2 | 2−3 | 2−3 | 0 | 8 |

##### Target Sampling ELA/Literacy Grade Eleven, PT Component

| Claim/Score Reporting Category | Content Category | Assessment Target | DOK | Machine-Scored Item | Short-Text Item | Full-Write Item | Scores |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 2. Writing | Organization/‌Purpose | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 2/4/7: Compose Full Texts | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Evidence/‌Elaboration | 8: Language and Vocabulary Use | 4 | 0 | 0 | 1 | 1 |
| 2. Writing | Conventions | 9: Edit/Clarify | 4 | 0 | 0 | 1 | 1 |
| 4. Research | Research | 2: Analyze/Integrate Information | 3, 4 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 3: Evaluate Information/‌Sources | 3, 4 | 0–1 | 0–1 | 0 | 1 |
| 4. Research | Research | 4: Use Evidence | 3, 4 | 0–1 | 0–1 | 0 | 1 |

#### Smarter Balanced Mathematics Summative Assessments Blueprint

##### Blueprint Table Mathematics Grades Three Through Five as of 2018–2019 Test Administration

| Claim/Score Reporting Category | Content Category[[48]](#footnote-49) | CAT Stimuli | PT Stimuli | CAT Items[[49]](#footnote-50) | PT Items[[50]](#footnote-51) | Total Items by Claim[[51]](#footnote-52) |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | 0 | 0 | 13–15 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | 0 | 0 | 4–5 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis[[52]](#footnote-53) | Problem Solving | 0 | 1 | 6 | 2–4 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis5 | Modeling and Data Analysis | 0 | 1 | 6 | 2–4 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning | 0 | 1 | 8 | 0–2 | 8–10 |

##### Blueprint Table Mathematics Grades Six Through Eight as of 2018–2019 Test Administration

| Claim/Score Reporting Category | Content Category[[53]](#footnote-54) | CAT Stimuli[[54]](#footnote-55) | PT Stimuli | CAT Items | PT Items[[55]](#footnote-56) | Total Items by Claim[[56]](#footnote-57) |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | 0 | 0 | 12–15 | 0 | 16–20 |
| 1. Concepts and Procedures | Supporting Cluster | 0 | 0 | 4–5 | 0 | 16–20 |
| 2. Problem Solving  4. Modeling and Data Analysis[[57]](#footnote-58) | Problem Solving | 0 | 1 | 6 | 2–4 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis5 | Modeling and Data Analysis | 0 | 1 | 6 | 2–4 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning | 0 | 1 | 8 | 0–2 | 8–10 |

##### Blueprint Table Mathematics Grade Eleven as of 2018–2019 Test Administration

| Claim/Score Reporting Category | Content Category[[58]](#footnote-59) | CAT Stimuli[[59]](#footnote-60) | PT Stimuli | CAT Items | PT Items[[60]](#footnote-61) | Total Items by Claim[[61]](#footnote-62) |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | 0 | 0 | 14–16 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | 0 | 0 | 5–6 | 0 | 19–22 |
| 2. Problem Solving  4. Modeling and Data Analysis[[62]](#footnote-63) | Problem Solving | 0 | 1 | 6 | 2–4 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis5 | Modeling and Data Analysis | 0 | 1 | 6 | 2–4 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning | 0 | 1 | 8 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Three

| Claim | Content Category | Assessment Targets | DOK[[63]](#footnote-64)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | B. Understand properties of multiplication and the relationship between multiplication and division. | 1 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | C. Multiply and divide within 100. | 1 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | I. Geometric measurement: understand concepts of area and relate area to multiplication and to addition. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | G. Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | D. Solve problems involving the four operations, and identify and explain patterns in arithmetic. | 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | F. Develop understanding of fractions as numbers. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | A. Represent and solve problems involving multiplication and division. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | E. Use place value understanding and properties of operations to perform multi-digit arithmetic. | 1 | 3–4 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | J. Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures. | 1 | 3–4 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | K. Reason with shapes and their attributes. | 1, 2 | 3–4 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | H. Represent and interpret data. | 2, 3 | 1 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions. | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Four

| Claim | Content Category | Assessment Targets | DOK[[64]](#footnote-65)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | A. Use the four operations with whole numbers to solve problems. | 1, 2 | 8–9 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | E. Use place value understanding and properties of operations to perform multi-digit arithmetic. | 1, 2 | 8–9 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | F. Extend understanding of fraction equivalence and ordering. | 1, 2 | 8–9 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | G. Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | D. Generalize place value understanding for multi-digit whole numbers. | 1, 2 | 1–2 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | H. Understand decimal notation for fractions, and compare decimal fractions. | 1, 2 | 1 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | I. Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | K. Geometric measurement: understand concepts of angle and measure angles. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | B. Gain familiarity with factors and multiples. | 1, 2 | 1 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | C. Generate and analyze patterns. | 2, 3 | 1 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | J. Represent and interpret data. | 1, 2 | 1 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | L. Draw and identify lines and angles, and classify shapes by properties of their lines and angles. | 1, 2 | 1 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving  (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving  (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning  (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions. | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Five

| Claim | Content Category | Assessment Targets | DOK[[65]](#footnote-66) | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | E. Use equivalent fractions as a strategy to add and subtract fractions. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | I. Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | F. Apply and extend previous understandings of multiplication and division to multiply and divide fractions. | 1, 2 | 4–5 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | D. Perform operations with multi-digit whole numbers and with decimals to hundredths. | 1, 2 | 3-4 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | C. Understand the place value system. | 1, 2 | 3-4 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | J. Graph points on the coordinate plane to solve real-world and mathematical problems. | 1 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | K. Classify two-dimensional figures into categories based on their properties. | 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | A. Write and interpret numerical expressions. | 1 | 2 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | B. Analyze patterns and relationships. | 2 | 2 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | G. Convert like measurement units within a given measurement system. | 1 | 2 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | H. Represent and interpret data. | 1, 2 | 2 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions. | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Six

| Claim | Content Category | Assessment Targets | DOK[[66]](#footnote-67)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | E. Apply and extend previous understandings of arithmetic to algebraic expressions. | 1 | 5–6 | 0 | 16–19 |
| 1. Concepts and Procedures | Priority Cluster | F. Reason about and solve one-variable equations and inequalities. | 1, 2 | 5–6 | 0 | 16–19 |
| 1. Concepts and Procedures | Priority Cluster | A. Understand ratio concepts and use ratio reasoning to solve problems. | 1, 2 | 3–4 | 0 | 16–19 |
| 1. Concepts and Procedures | Priority Cluster | G. Represent and analyze quantitative relationships between dependent and independent variables. | 2 | 2 | 0 | 16–19 |
| 1. Concepts and Procedures | Priority Cluster | B. Apply and extend previous understandings of multiplication and division to divide fractions by fractions. | 1, 2 | 2 | 0 | 16–19 |
| 1. Concepts and Procedures | Priority Cluster | D. Apply and extend previous understandings of numbers to the system of rational numbers. | 1, 2 | 2 | 0 | 16–19 |
| 1. Concepts and Procedures | Supporting Cluster | C. Compute fluently with multi-digit numbers and find common factors and multiples. | 1, 2 | 4–5 | 0 | 16–19 |
| 1. Concepts and Procedures | Supporting Cluster | H. Solve real-world and mathematical problems involving area, surface area, and volume. | 1, 2 | 4–5 | 0 | 16–19 |
| 1. Concepts and Procedures | Supporting Cluster | I. Develop understanding of statistical variability. | 2 | 4–5 | 0 | 16–19 |
| 1. Concepts and Procedures | Supporting Cluster | J. Summarize and describe distributions. | 1, 2 | 4–5 | 0 | 16–19 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions.  G. At later grades, determine conditions under which an argument does and does not apply. (For example, area increases with perimeter for squares, but not for all plane figures.) | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Seven

| Claim | Content Category | Assessment Targets | DOK[[67]](#footnote-68)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | A. Analyze proportional relationships and use them to solve real-world and mathematical problems. | 2 | 8–9 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | D. Solve real-life and mathematical problems using numerical and algebraic expressions and equations. | 1, 2 | 8–9 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | B. Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | C. Use properties of operations to generate equivalent expressions. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | E. Draw, construct, and describe geometrical figures and describe the relationship between them. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | F. Solve real-life and mathematical problems involving angle measure, area, surface area, and volume. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | G. Use random sampling to draw inferences about a population. | 1, 2 | 1–2 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | H. Draw informal comparative inferences about two populations. | 2 | 1–2 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | I. Investigate chance processes and develop, use, and evaluate probability models. | 1, 2 | 1–2 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions.  G. At later grades, determine conditions under which an argument does and does not apply. (For example, area increases with perimeter for squares, but not for all plane figures.) | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Eight

| Claim | Content Category | Assessment Targets | DOK[[68]](#footnote-69)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | C. Understand the connections between proportional relationships, lines, and linear equations. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | D. Analyze and solve linear equations and pairs of simultaneous linear equations. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | B. Work with radicals and integer exponents. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | E. Define, evaluate, and compare functions. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | G. Understand congruence and similarity using physical models, transparencies, or geometry software. | 1, 2 | 5–6 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | F. Use functions to model relationships between quantities. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Priority Cluster | H. Understand and apply the Pythagorean Theorem. | 1, 2 | 2–3 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | A. Know that there are numbers that are not rational, and approximate them by rational numbers. | 1, 2 | 4–5 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | I. Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres. | 1, 2 | 4–5 | 0 | 17–20 |
| 1. Concepts and Procedures | Supporting Cluster | J. Investigate patterns of association in bivariate data. | 1, 2 | 4–5 | 0 | 17–20 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions.  G. At later grades, determine conditions under which an argument does and does not apply. (For example, area increases with perimeter for squares, but not for all plane figures.) | 2, 3 | 2 | 0–2 | 8–10 |

##### Target Sampling Mathematics Grade Eleven

| Claim | Content Category | Assessment Targets | DOK[[69]](#footnote-70)\* | CAT Items | PT Items | Total Items |
| --- | --- | --- | --- | --- | --- | --- |
| 1. Concepts and Procedures | Priority Cluster | D. Interpret the structure of expressions. | 1, 2 | 2 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | E. Write expressions in equivalent forms to solve problems. | 1, 2 | 2 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | F. Perform arithmetic operations on polynomials. | 2 | 1 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | G. Create equations that describe numbers or relationships. | 1, 2 | 4–5 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | H. Understand solving equations as a process of reasoning and explain the reasoning. | 1, 2 | 4–5 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | I. Solve equations and inequalities in one variable. | 1, 2 | 4–5 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | J. Represent and solve equations and inequalities graphically. | 1, 2 | 2 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | K. Understand the concept of a function and use function notation. | 1, 2 | 2 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | L. Interpret functions that arise in applications in terms of a context. | 1, 2 | 3–4 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | M. Analyze functions using different representations. | 1, 2, 3 | 3–4 | 0 | 19–22 |
| 1. Concepts and Procedures | Priority Cluster | N. Build a function that models a relationship between two quantities. | 2 | 3–4 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | O. Define trigonometric ratios and solve problems involving right triangles. | 1, 2 | 2 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | P. Summarize, represent, and interpret data on a single count or measurement variable. | 2 | 1–2 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | A. Extend the properties of exponents to rational exponents. | 1, 2 | 1 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | B. Use properties of rational and irrational numbers. | 1, 2 | 1 | 0 | 19–22 |
| 1. Concepts and Procedures | Supporting Cluster | C. Reason quantitatively and use units to solve problems. | 1, 2 | 1 | 0 | 19–22 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving  (drawn across content domains) | A. Apply mathematics to solve well-posed problems arising in everyday life, society, and the workplace. | 2, 3 | 2 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Problem Solving  (drawn across content domains) | B. Select and use appropriate tools strategically.  C. Interpret results in the context of a situation.  D. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–2 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | A. Apply mathematics to solve problems arising in everyday life, society, and the workplace.  D. Interpret results in the context of a situation. | 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | B. Construct, autonomously, chains of reasoning to justify mathematical models used, interpretations made, and solutions proposed for a complex problem.  E. Analyze the adequacy of and make improvements to an existing model or develop a mathematical model of a real phenomenon. | 2, 3, 4 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | C. State logical assumptions being used.  F. Identify important quantities in a practical situation and map their relationships (e.g., using diagrams, two-way tables, graphs, flow charts, or formulas). | 1, 2, 3 | 1 | 1–3 | 8–10 |
| 2. Problem Solving  4. Modeling and Data Analysis | Modeling and Data Analysis  (drawn across content domains) | G. Identify, analyze, and synthesize relevant external resources to pose or solve problems. | 3, 4 | 0 | 1–3 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | A. Test propositions or conjectures with specific examples.  D. Use the technique of breaking an argument into cases. | 2, 3 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | B. Construct, autonomously, chains of reasoning that will justify or refute propositions or conjectures.  E. Distinguish correct logic or reasoning from that which is flawed, and—if there is a flaw in the argument—explain what it is. | 2, 3, 4 | 3 | 0–2 | 8–10 |
| 3. Communicating Reasoning | Communicating Reasoning (drawn across content domains) | C. State logical assumptions being used.  F. Base arguments on concrete referents such as objects, drawings, diagrams, and actions.  G. At later grades, determine conditions under which an argument does and does not apply. (For example, area increases with perimeter for squares, but not for all plane figures.) | 2, 3 | 2 | 0–2 | 8–10 |

#### Enhanced Computer Adaptive Testing (CAT) Blueprints for Students Participating in the 2018–‍2019 Smarter Balanced Embedded Field Test of Performance Tasks (PTs)

##### ELA/Literacy Blueprints for the Spring 2019 CAT Assessments with Embedded Field Test PTs

| Claim/‌Score Reporting Category | Gr 3–5 CAT | Gr 3–5 PT | Gr 6–8 CAT | Gr 6–8 PT | Gr 11 CAT | Gr 11 PT |
| --- | --- | --- | --- | --- | --- | --- |
| Reading | 14–16 | 0 | 14–17 | 0 | 15–16 | 0 |
| Writing | 9 | 0 | 9 | 0 | 9 | 0 |
| Listening | 8–9 | 0 | 8–9 | 0 | 8–9 | 0 |
| Research | 9 | 0 | 9 | 0 | 9 | 0 |

##### Mathematics Blueprints for the Spring 2019 CAT Assessments with Embedded Field Test PTs

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Claim/‌Score Reporting Category** | **Gr 3–5 CAT** | **Gr 3–5 PT** | **Gr 6–8 CAT** | **Gr 6–8 PT** | **Gr 11 CAT** | **Gr 11 PT** |
| Concepts and Procedures | 17–20 | 0 | 16–20 | 0 | 19–22 | 0 |
| Problem Solving & Modeling and Data Analysis | 8 | 0 | 8 | 0 | 8 | 0 |
| Communicating Reasoning | 8 | 0 | 8 | 0 | 8 | 0 |

### Appendix 2.B: Special Services Summaries

Table 2.B. Special Services Summary for ELA Performance Task (PT), Grades Three Through Six—All Tested

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 113 | 0.03 | 136 | 0.03 | 134 | 0.03 | 141 | 0.03 |
| Embedded Accommodation—Braille | 10 | 0.00 | 13 | 0.00 | 18 | 0.00 | 17 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 20,277 | 4.58 | 24,503 | 5.63 | 27,289 | 6.00 | 26,462 | 5.79 |
| Non-Embedded Accommodation—Alternate Response Options | 114 | 0.03 | 111 | 0.03 | 138 | 0.03 | 111 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 214 | 0.05 | 317 | 0.07 | 373 | 0.08 | 315 | 0.07 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 2,530 | 0.57 | 2,611 | 0.60 | 2,410 | 0.53 | 1,672 | 0.37 |
| Non-Embedded Accommodation—Speech-to-Text | 3,600 | 0.81 | 4,424 | 1.02 | 5,401 | 1.19 | 4,193 | 0.92 |
| Non-Embedded Accommodation—Word Prediction | 1,524 | 0.34 | 1,792 | 0.41 | 2,182 | 0.48 | 1,627 | 0.36 |
| EmbeddedDesignated Support—Color Contrast | 1,177 | 0.27 | 1,404 | 0.32 | 1,401 | 0.31 | 1,593 | 0.35 |
| Embedded Designated Support—Masking | 6,595 | 1.49 | 7,483 | 1.72 | 8,097 | 1.78 | 7,307 | 1.60 |
| Embedded Designated Support—Mouse Pointer | 1,179 | 0.27 | 816 | 0.19 | 772 | 0.17 | 400 | 0.09 |
| Embedded Designated Support—Permissive Mode | 1,236 | 0.28 | 1,498 | 0.34 | 1,646 | 0.36 | 1,432 | 0.31 |
| Embedded Designated Support—Print Size | 2,249 | 0.51 | 1,824 | 0.42 | 2,060 | 0.45 | 1,567 | 0.34 |
| Embedded Designated Support—Streamlining | 3,706 | 0.84 | 3,939 | 0.90 | 4,647 | 1.02 | 4,255 | 0.93 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 66,342 | 14.99 | 67,522 | 15.51 | 70,130 | 15.43 | 60,367 | 13.20 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 525 | 0.12 | 452 | 0.10 | 330 | 0.07 | 264 | 0.06 |
| Non-Embedded Designated Support—Bilingual Dictionary | 3,222 | 0.73 | 3,668 | 0.84 | 2,984 | 0.66 | 2,544 | 0.56 |
| Non-Embedded Designated Support—Color Contrast | 300 | 0.07 | 366 | 0.08 | 389 | 0.09 | 306 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 291 | 0.07 | 268 | 0.06 | 356 | 0.08 | 353 | 0.08 |
| Non-Embedded Designated Support—Magnification | 941 | 0.21 | 961 | 0.22 | 1,225 | 0.27 | 993 | 0.22 |
| Non-Embedded Designated Support—Medical Device | 36 | 0.01 | 48 | 0.01 | 37 | 0.01 | 49 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 7,393 | 1.67 | 8,610 | 1.98 | 9,691 | 2.13 | 7,327 | 1.60 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 11,158 | 2.52 | 12,278 | 2.82 | 13,222 | 2.91 | 10,190 | 2.23 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 2,362 | 0.53 | 2,416 | 0.56 | 2,454 | 0.54 | 1,842 | 0.40 |
| Non-Embedded Designated Support—Separate Setting | 23,392 | 5.28 | 27,469 | 6.31 | 31,347 | 6.90 | 28,792 | 6.29 |
| Non-Embedded Designated Support—Simplified Test Directions | 18,462 | 4.17 | 20,871 | 4.79 | 22,677 | 4.99 | 18,369 | 4.02 |
| Non-Embedded Designated Support—Translated Test Directions | 1,485 | 0.34 | 1,436 | 0.33 | 1,403 | 0.31 | 1,222 | 0.27 |
| Other—Unlisted Resources | 36 | 0.01 | 16 | 0.00 | 19 | 0.00 | 26 | 0.01 |
| Other—Designated support or accommodation is in IEP | 33,410 | 7.55 | 39,298 | 9.03 | 44,365 | 9.76 | 43,635 | 9.54 |
| Other—Designated support or accommodation is in Section 504 plan | 1,410 | 0.32 | 1,775 | 0.41 | 2,049 | 0.45 | 1,901 | 0.42 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—All Tested

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 169 | 0.04 | 184 | 0.04 | 164 | 0.04 |
| Embedded Accommodation—Braille | 20 | 0.00 | 11 | 0.00 | 10 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 25,009 | 5.30 | 22,304 | 4.83 | 7,104 | 1.61 |
| Non-Embedded Accommodation—Alternate Response Options | 120 | 0.03 | 115 | 0.02 | 77 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 323 | 0.07 | 312 | 0.07 | 207 | 0.05 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,085 | 0.23 | 741 | 0.16 | 186 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 3,589 | 0.76 | 3,528 | 0.76 | 1,387 | 0.32 |
| Non-Embedded Accommodation—Word Prediction | 1,199 | 0.25 | 1,232 | 0.27 | 433 | 0.10 |
| EmbeddedDesignated Support—Color Contrast | 945 | 0.20 | 908 | 0.20 | 2,447 | 0.56 |
| Embedded Designated Support—Masking | 6,507 | 1.38 | 6,026 | 1.31 | 6,132 | 1.39 |
| Embedded Designated Support—Mouse Pointer | 333 | 0.07 | 309 | 0.07 | 1,830 | 0.42 |
| Embedded Designated Support—Permissive Mode | 1,053 | 0.22 | 916 | 0.20 | 292 | 0.07 |
| Embedded Designated Support—Print Size | 1,321 | 0.28 | 1,169 | 0.25 | 719 | 0.16 |
| Embedded Designated Support—Streamlining | 3,797 | 0.81 | 3,255 | 0.71 | 1,243 | 0.28 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 53,203 | 11.28 | 48,123 | 10.43 | 18,690 | 4.25 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Amplification | 260 | 0.06 | 292 | 0.06 | 181 | 0.04 |
| Non-Embedded Designated Support—Bilingual Dictionary | 3,005 | 0.64 | 2,466 | 0.53 | 2,275 | 0.52 |
| Non-Embedded Designated Support—Color Contrast | 330 | 0.07 | 345 | 0.07 | 151 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 239 | 0.05 | 237 | 0.05 | 149 | 0.03 |
| Non-Embedded Designated Support—Magnification | 827 | 0.18 | 758 | 0.16 | 455 | 0.10 |
| Non-Embedded Designated Support—Medical Device | 22 | 0.00 | 29 | 0.01 | 13 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 5,402 | 1.15 | 4,701 | 1.02 | 2,225 | 0.51 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 8,016 | 1.70 | 7,248 | 1.57 | 3,099 | 0.70 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,328 | 0.28 | 1,022 | 0.22 | 315 | 0.07 |
| Non-Embedded Designated Support—Separate Setting | 25,706 | 5.45 | 23,943 | 5.19 | 16,130 | 3.67 |
| Non-Embedded Designated Support—Simplified Test Directions | 15,496 | 3.29 | 14,205 | 3.08 | 11,627 | 2.64 |
| Non-Embedded Designated Support—Translated Test Directions | 1,432 | 0.30 | 1,325 | 0.29 | 1,311 | 0.30 |
| Other—Unlisted Resources | 68 | 0.01 | 77 | 0.02 | 10 | 0.00 |
| Other—Designated support or accommodation is in IEP | 42,491 | 9.01 | 39,618 | 8.59 | 21,166 | 4.81 |
| Other—Designated support or accommodation is in Section 504 plan | 1,613 | 0.34 | 1,711 | 0.37 | 1,103 | 0.25 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—Students With No Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 272 | 0.07 | 350 | 0.09 | 423 | 0.11 | 401 | 0.10 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 4 | 0.00 | 9 | 0.00 | 4 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 79 | 0.02 | 66 | 0.02 | 61 | 0.02 | 53 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 70 | 0.02 | 101 | 0.03 | 84 | 0.02 | 86 | 0.02 |
| Non-Embedded Accommodation—Word Prediction | 9 | 0.00 | 20 | 0.01 | 16 | 0.00 | 14 | 0.00 |
| EmbeddedDesignated Support—Color Contrast | 738 | 0.19 | 740 | 0.19 | 632 | 0.16 | 864 | 0.21 |
| Embedded Designated Support—Masking | 3,210 | 0.82 | 3,138 | 0.82 | 3,004 | 0.76 | 2,449 | 0.61 |
| Embedded Designated Support—Mouse Pointer | 797 | 0.20 | 460 | 0.12 | 434 | 0.11 | 186 | 0.05 |
| Embedded Designated Support—Permissive Mode | 384 | 0.10 | 344 | 0.09 | 315 | 0.08 | 374 | 0.09 |
| Embedded Designated Support—Print Size | 1,375 | 0.35 | 764 | 0.20 | 932 | 0.23 | 513 | 0.13 |
| Embedded Designated Support—Streamlining | 1,145 | 0.29 | 988 | 0.26 | 1,022 | 0.26 | 846 | 0.21 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 41,169 | 10.52 | 37,791 | 9.90 | 36,130 | 9.09 | 27,339 | 6.80 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 212 | 0.05 | 139 | 0.04 | 56 | 0.01 | 61 | 0.02 |
| Non-Embedded Designated Support—Bilingual Dictionary | 2,920 | 0.75 | 3,275 | 0.86 | 2,554 | 0.64 | 2,086 | 0.52 |
| Non-Embedded Designated Support—Color Contrast | 146 | 0.04 | 119 | 0.03 | 79 | 0.02 | 35 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 138 | 0.04 | 67 | 0.02 | 52 | 0.01 | 48 | 0.01 |
| Non-Embedded Designated Support—Magnification | 505 | 0.13 | 413 | 0.11 | 557 | 0.14 | 327 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 23 | 0.01 | 35 | 0.01 | 29 | 0.01 | 36 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,421 | 0.36 | 1,542 | 0.40 | 1,604 | 0.40 | 1,292 | 0.32 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,230 | 0.83 | 3,176 | 0.83 | 2,408 | 0.61 | 1,599 | 0.40 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 278 | 0.07 | 236 | 0.06 | 161 | 0.04 | 312 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 2,857 | 0.73 | 2,756 | 0.72 | 2,856 | 0.72 | 2,434 | 0.61 |
| Non-Embedded Designated Support—Simplified Test Directions | 4,808 | 1.23 | 4,610 | 1.21 | 4,324 | 1.09 | 3,098 | 0.77 |
| Non-Embedded Designated Support—Translated Test Directions | 1,213 | 0.31 | 1,137 | 0.30 | 1,041 | 0.26 | 921 | 0.23 |
| Other—Unlisted Resources | 1 | 0.00 | 2 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,171 | 0.30 | 1,435 | 0.38 | 1,632 | 0.41 | 1,544 | 0.38 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—Students with No Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 320 | 0.08 | 304 | 0.07 | 118 | 0.03 |
| Non-Embedded Accommodation—Alternate Response Options | 1 | 0.00 | 2 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.00 | 3 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 36 | 0.01 | 17 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 63 | 0.02 | 47 | 0.01 | 11 | 0.00 |
| Non-Embedded Accommodation—Word Prediction | 16 | 0.00 | 11 | 0.00 | 8 | 0.00 |
| EmbeddedDesignated Support—Color Contrast | 356 | 0.09 | 380 | 0.09 | 2,114 | 0.53 |
| Embedded Designated Support—Masking | 1,702 | 0.41 | 1,425 | 0.35 | 4,255 | 1.07 |
| Embedded Designated Support—Mouse Pointer | 192 | 0.05 | 192 | 0.05 | 1,611 | 0.40 |
| Embedded Designated Support—Permissive Mode | 220 | 0.05 | 183 | 0.04 | 52 | 0.01 |
| Embedded Designated Support—Print Size | 322 | 0.08 | 247 | 0.06 | 345 | 0.09 |
| Embedded Designated Support—Streamlining | 811 | 0.19 | 519 | 0.13 | 175 | 0.04 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 21,988 | 5.28 | 19,965 | 4.88 | 11,540 | 2.90 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 64 | 0.02 | 86 | 0.02 | 40 | 0.01 |
| Non-Embedded Designated Support—Bilingual Dictionary | 2,471 | 0.59 | 1,998 | 0.49 | 1,924 | 0.48 |
| Non-Embedded Designated Support—Color Contrast | 24 | 0.01 | 100 | 0.02 | 27 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 12 | 0.00 | 44 | 0.01 | 20 | 0.01 |
| Non-Embedded Designated Support—Magnification | 179 | 0.04 | 118 | 0.03 | 153 | 0.04 |
| Non-Embedded Designated Support—Medical Device | 15 | 0.00 | 27 | 0.01 | 9 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 1,081 | 0.26 | 906 | 0.22 | 592 | 0.15 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 1,015 | 0.24 | 857 | 0.21 | 539 | 0.14 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 319 | 0.08 | 246 | 0.06 | 38 | 0.01 |
| Non-Embedded Designated Support—Separate Setting | 1,985 | 0.48 | 1,957 | 0.48 | 1,160 | 0.29 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,402 | 0.58 | 2,314 | 0.57 | 4,855 | 1.22 |
| Non-Embedded Designated Support—Translated Test Directions | 1,046 | 0.25 | 1,006 | 0.25 | 1,076 | 0.27 |
| Other—Unlisted Resources | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,347 | 0.32 | 1,371 | 0.34 | 914 | 0.23 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—Students with Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 113 | 0.22 | 134 | 0.25 | 134 | 0.23 | 141 | 0.26 |
| Embedded Accommodation—Braille | 10 | 0.02 | 13 | 0.02 | 18 | 0.03 | 17 | 0.03 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 20,005 | 39.11 | 24,153 | 45.08 | 26,866 | 47.02 | 26,061 | 47.19 |
| Non-Embedded Accommodation—Alternate Response Options | 114 | 0.22 | 108 | 0.20 | 135 | 0.24 | 109 | 0.20 |
| Non-Embedded Accommodation—Print on Demand | 210 | 0.41 | 308 | 0.57 | 369 | 0.65 | 308 | 0.56 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 2,451 | 4.79 | 2,545 | 4.75 | 2,349 | 4.11 | 1,619 | 2.93 |
| Non-Embedded Accommodation—Speech-to-Text | 3,530 | 6.90 | 4,323 | 8.07 | 5,317 | 9.31 | 4,107 | 7.44 |
| Non-Embedded Accommodation—Word Prediction | 1,515 | 2.96 | 1,772 | 3.31 | 2,166 | 3.79 | 1,613 | 2.92 |
| EmbeddedDesignated Support—Color Contrast | 439 | 0.86 | 664 | 1.24 | 769 | 1.35 | 729 | 1.32 |
| Embedded Designated Support—Masking | 3,385 | 6.62 | 4,345 | 8.11 | 5,093 | 8.91 | 4,858 | 8.80 |
| Embedded Designated Support—Mouse Pointer | 382 | 0.75 | 356 | 0.66 | 338 | 0.59 | 214 | 0.39 |
| Embedded Designated Support—Permissive Mode | 852 | 1.67 | 1,154 | 2.15 | 1,331 | 2.33 | 1,058 | 1.92 |
| Embedded Designated Support—Print Size | 874 | 1.71 | 1,060 | 1.98 | 1,128 | 1.97 | 1,054 | 1.91 |
| Embedded Designated Support—Streamlining | 2,561 | 5.01 | 2,951 | 5.51 | 3,625 | 6.34 | 3,409 | 6.17 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 25,173 | 49.21 | 29,731 | 55.49 | 34,000 | 59.51 | 33,028 | 59.81 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 313 | 0.61 | 313 | 0.58 | 274 | 0.48 | 203 | 0.37 |
| Non-Embedded Designated Support—Bilingual Dictionary | 302 | 0.59 | 393 | 0.73 | 430 | 0.75 | 458 | 0.83 |
| Non-Embedded Designated Support—Color Contrast | 154 | 0.30 | 247 | 0.46 | 310 | 0.54 | 271 | 0.49 |
| Non-Embedded Designated Support—Color Overlay | 153 | 0.30 | 201 | 0.38 | 304 | 0.53 | 305 | 0.55 |
| Non-Embedded Designated Support—Magnification | 436 | 0.85 | 548 | 1.02 | 668 | 1.17 | 666 | 1.21 |
| Non-Embedded Designated Support—Medical Device | 13 | 0.03 | 13 | 0.02 | 8 | 0.01 | 13 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 5,972 | 11.67 | 7,068 | 13.19 | 8,087 | 14.15 | 6,035 | 10.93 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 7,928 | 15.50 | 9,102 | 16.99 | 10,814 | 18.93 | 8,591 | 15.56 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 2,084 | 4.07 | 2,180 | 4.07 | 2,293 | 4.01 | 1,530 | 2.77 |
| Non-Embedded Designated Support—Separate Setting | 20,535 | 40.14 | 24,713 | 46.12 | 28,491 | 49.86 | 26,358 | 47.73 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,654 | 26.69 | 16,261 | 30.35 | 18,353 | 32.12 | 15,271 | 27.65 |
| Non-Embedded Designated Support—Translated Test Directions | 272 | 0.53 | 299 | 0.56 | 362 | 0.63 | 301 | 0.55 |
| Other—Unlisted Resources | 35 | 0.07 | 14 | 0.03 | 18 | 0.03 | 25 | 0.05 |
| Other—Designated support or accommodation is in IEP | 33,410 | 65.31 | 39,298 | 73.34 | 44,365 | 77.65 | 43,635 | 79.02 |
| Other—Designated support or accommodation is in Section 504 plan | 239 | 0.47 | 340 | 0.63 | 417 | 0.73 | 357 | 0.65 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—Students with Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 169 | 0.31 | 184 | 0.35 | 164 | 0.40 |
| Embedded Accommodation—Braille | 20 | 0.04 | 11 | 0.02 | 10 | 0.02 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 24,689 | 44.99 | 22,000 | 42.02 | 6,986 | 16.89 |
| Non-Embedded Accommodation—Alternate Response Options | 119 | 0.22 | 113 | 0.22 | 70 | 0.17 |
| Non-Embedded Accommodation—Print on Demand | 320 | 0.58 | 309 | 0.59 | 204 | 0.49 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,049 | 1.91 | 724 | 1.38 | 182 | 0.44 |
| Non-Embedded Accommodation—Speech-to-Text | 3,526 | 6.43 | 3,481 | 6.65 | 1,376 | 3.33 |
| Non-Embedded Accommodation—Word Prediction | 1,183 | 2.16 | 1,221 | 2.33 | 425 | 1.03 |
| EmbeddedDesignated Support—Color Contrast | 589 | 1.07 | 528 | 1.01 | 333 | 0.80 |
| Embedded Designated Support—Masking | 4,805 | 8.76 | 4,601 | 8.79 | 1,877 | 4.54 |
| Embedded Designated Support—Mouse Pointer | 141 | 0.26 | 117 | 0.22 | 219 | 0.53 |
| Embedded Designated Support—Permissive Mode | 833 | 1.52 | 733 | 1.40 | 240 | 0.58 |
| Embedded Designated Support—Print Size | 999 | 1.82 | 922 | 1.76 | 374 | 0.90 |
| Embedded Designated Support—Streamlining | 2,986 | 5.44 | 2,736 | 5.23 | 1,068 | 2.58 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 31,215 | 56.88 | 28,158 | 53.79 | 7,150 | 17.28 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 3 | 0.01 |
| Non-Embedded Designated Support—Amplification | 196 | 0.36 | 206 | 0.39 | 141 | 0.34 |
| Non-Embedded Designated Support—Bilingual Dictionary | 534 | 0.97 | 468 | 0.89 | 351 | 0.85 |
| Non-Embedded Designated Support—Color Contrast | 306 | 0.56 | 245 | 0.47 | 124 | 0.30 |
| Non-Embedded Designated Support—Color Overlay | 227 | 0.41 | 193 | 0.37 | 129 | 0.31 |
| Non-Embedded Designated Support—Magnification | 648 | 1.18 | 640 | 1.22 | 302 | 0.73 |
| Non-Embedded Designated Support—Medical Device | 7 | 0.01 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 4,321 | 7.87 | 3,795 | 7.25 | 1,633 | 3.95 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 7,001 | 12.76 | 6,391 | 12.21 | 2,560 | 6.19 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,009 | 1.84 | 776 | 1.48 | 277 | 0.67 |
| Non-Embedded Designated Support—Separate Setting | 23,721 | 43.23 | 21,986 | 42.00 | 14,970 | 36.19 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,094 | 23.86 | 11,891 | 22.71 | 6,772 | 16.37 |
| Non-Embedded Designated Support—Translated Test Directions | 386 | 0.70 | 319 | 0.61 | 235 | 0.57 |
| Other—Unlisted Resources | 68 | 0.12 | 75 | 0.14 | 10 | 0.02 |
| Other—Designated support or accommodation is in IEP | 42,491 | 77.43 | 39,618 | 75.68 | 21,166 | 51.17 |
| Other—Designated support or accommodation is in Section 504 plan | 266 | 0.48 | 340 | 0.65 | 189 | 0.46 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—English-only (EO) Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 78 | 0.03 | 101 | 0.04 | 90 | 0.03 | 103 | 0.04 |
| Embedded Accommodation—Braille | 7 | 0.00 | 9 | 0.00 | 12 | 0.00 | 6 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 12,326 | 4.60 | 14,100 | 5.49 | 15,298 | 5.80 | 14,481 | 5.55 |
| Non-Embedded Accommodation—Alternate Response Options | 80 | 0.03 | 73 | 0.03 | 86 | 0.03 | 70 | 0.03 |
| Non-Embedded Accommodation—Print on Demand | 142 | 0.05 | 193 | 0.08 | 226 | 0.09 | 188 | 0.07 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,675 | 0.63 | 1,693 | 0.66 | 1,548 | 0.59 | 1,072 | 0.41 |
| Non-Embedded Accommodation—Speech-to-Text | 2,327 | 0.87 | 2,757 | 1.07 | 3,266 | 1.24 | 2,575 | 0.99 |
| Non-Embedded Accommodation—Word Prediction | 975 | 0.36 | 1,097 | 0.43 | 1,296 | 0.49 | 935 | 0.36 |
| EmbeddedDesignated Support—Color Contrast | 682 | 0.25 | 775 | 0.30 | 784 | 0.30 | 781 | 0.30 |
| Embedded Designated Support—Masking | 3,670 | 1.37 | 4,085 | 1.59 | 4,471 | 1.69 | 3,911 | 1.50 |
| Embedded Designated Support—Mouse Pointer | 628 | 0.23 | 401 | 0.16 | 437 | 0.17 | 186 | 0.07 |
| Embedded Designated Support—Permissive Mode | 789 | 0.29 | 931 | 0.36 | 995 | 0.38 | 858 | 0.33 |
| Embedded Designated Support—Print Size | 1,135 | 0.42 | 951 | 0.37 | 1,127 | 0.43 | 812 | 0.31 |
| Embedded Designated Support—Streamlining | 2,306 | 0.86 | 2,243 | 0.87 | 2,591 | 0.98 | 2,303 | 0.88 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 33,341 | 12.45 | 32,284 | 12.56 | 33,607 | 12.74 | 28,527 | 10.93 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 270 | 0.10 | 203 | 0.08 | 157 | 0.06 | 133 | 0.05 |
| Non-Embedded Designated Support—Bilingual Dictionary | 212 | 0.08 | 199 | 0.08 | 206 | 0.08 | 81 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 173 | 0.06 | 202 | 0.08 | 245 | 0.09 | 190 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 184 | 0.07 | 156 | 0.06 | 219 | 0.08 | 200 | 0.08 |
| Non-Embedded Designated Support—Magnification | 546 | 0.20 | 500 | 0.19 | 610 | 0.23 | 525 | 0.20 |
| Non-Embedded Designated Support—Medical Device | 29 | 0.01 | 38 | 0.01 | 25 | 0.01 | 42 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 4,619 | 1.73 | 5,180 | 2.02 | 5,707 | 2.16 | 4,286 | 1.64 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 6,144 | 2.29 | 6,417 | 2.50 | 6,858 | 2.60 | 5,163 | 1.98 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,567 | 0.59 | 1,542 | 0.60 | 1,596 | 0.61 | 1,164 | 0.45 |
| Non-Embedded Designated Support—Separate Setting | 14,997 | 5.60 | 17,049 | 6.63 | 18,972 | 7.19 | 17,060 | 6.54 |
| Non-Embedded Designated Support—Simplified Test Directions | 10,568 | 3.95 | 11,413 | 4.44 | 12,013 | 4.55 | 9,499 | 3.64 |
| Non-Embedded Designated Support—Translated Test Directions | 175 | 0.07 | 101 | 0.04 | 150 | 0.06 | 193 | 0.07 |
| Other—Unlisted Resources | 24 | 0.01 | 14 | 0.01 | 11 | 0.00 | 18 | 0.01 |
| Other—Designated support or accommodation is in IEP | 20,686 | 7.73 | 23,554 | 9.16 | 25,889 | 9.81 | 24,809 | 9.51 |
| Other—Designated support or accommodation is in Section 504 plan | 1,121 | 0.42 | 1,420 | 0.55 | 1,615 | 0.61 | 1,549 | 0.59 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—EO Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 108 | 0.04 | 118 | 0.05 | 109 | 0.05 |
| Embedded Accommodation—Braille | 11 | 0.00 | 3 | 0.00 | 5 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 13,495 | 5.13 | 11,891 | 4.70 | 3,902 | 1.68 |
| Non-Embedded Accommodation—Alternate Response Options | 75 | 0.03 | 70 | 0.03 | 33 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 182 | 0.07 | 185 | 0.07 | 98 | 0.04 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 726 | 0.28 | 479 | 0.19 | 133 | 0.06 |
| Non-Embedded Accommodation—Speech-to-Text | 2,166 | 0.82 | 1,994 | 0.79 | 778 | 0.33 |
| Non-Embedded Accommodation—Word Prediction | 667 | 0.25 | 709 | 0.28 | 264 | 0.11 |
| EmbeddedDesignated Support—Color Contrast | 541 | 0.21 | 472 | 0.19 | 1,111 | 0.48 |
| Embedded Designated Support—Masking | 3,649 | 1.39 | 3,353 | 1.33 | 2,673 | 1.15 |
| Embedded Designated Support—Mouse Pointer | 138 | 0.05 | 117 | 0.05 | 661 | 0.28 |
| Embedded Designated Support—Permissive Mode | 596 | 0.23 | 508 | 0.20 | 174 | 0.07 |
| Embedded Designated Support—Print Size | 687 | 0.26 | 644 | 0.25 | 315 | 0.14 |
| Embedded Designated Support—Streamlining | 2,058 | 0.78 | 1,768 | 0.70 | 643 | 0.28 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 26,093 | 9.92 | 23,287 | 9.20 | 8,645 | 3.71 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 114 | 0.04 | 149 | 0.06 | 82 | 0.04 |
| Non-Embedded Designated Support—Bilingual Dictionary | 75 | 0.03 | 51 | 0.02 | 49 | 0.02 |
| Non-Embedded Designated Support—Color Contrast | 194 | 0.07 | 182 | 0.07 | 71 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 148 | 0.06 | 140 | 0.06 | 77 | 0.03 |
| Non-Embedded Designated Support—Magnification | 418 | 0.16 | 398 | 0.16 | 185 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 16 | 0.01 | 14 | 0.01 | 8 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 3,102 | 1.18 | 2,770 | 1.09 | 1,285 | 0.55 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,965 | 1.51 | 3,506 | 1.39 | 1,481 | 0.64 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 893 | 0.34 | 685 | 0.27 | 204 | 0.09 |
| Non-Embedded Designated Support—Separate Setting | 14,879 | 5.66 | 13,861 | 5.48 | 9,538 | 4.10 |
| Non-Embedded Designated Support—Simplified Test Directions | 7,790 | 2.96 | 7,092 | 2.80 | 5,435 | 2.33 |
| Non-Embedded Designated Support—Translated Test Directions | 232 | 0.09 | 202 | 0.08 | 28 | 0.01 |
| Other—Unlisted Resources | 45 | 0.02 | 54 | 0.02 | 7 | 0.00 |
| Other—Designated support or accommodation is in IEP | 23,676 | 9.00 | 21,828 | 8.63 | 12,103 | 5.20 |
| Other—Designated support or accommodation is in Section 504 plan | 1,327 | 0.50 | 1,391 | 0.55 | 919 | 0.39 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—Initial Fluent English Proficient (IFEP) Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 | 1 | 0.01 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 119 | 0.73 | 180 | 1.06 | 194 | 1.08 | 178 | 0.99 |
| Non-Embedded Accommodation—Alternate Response Options | 2 | 0.01 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 1 | 0.01 | 3 | 0.02 | 4 | 0.02 | 2 | 0.01 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 17 | 0.10 | 21 | 0.12 | 26 | 0.14 | 14 | 0.08 |
| Non-Embedded Accommodation—Speech-to-Text | 27 | 0.17 | 41 | 0.24 | 43 | 0.24 | 25 | 0.14 |
| Non-Embedded Accommodation—Word Prediction | 11 | 0.07 | 14 | 0.08 | 11 | 0.06 | 6 | 0.03 |
| EmbeddedDesignated Support—Color Contrast | 23 | 0.14 | 27 | 0.16 | 17 | 0.09 | 27 | 0.15 |
| Embedded Designated Support—Masking | 108 | 0.66 | 108 | 0.63 | 107 | 0.60 | 99 | 0.55 |
| Embedded Designated Support—Mouse Pointer | 28 | 0.17 | 15 | 0.09 | 18 | 0.10 | 5 | 0.03 |
| Embedded Designated Support—Permissive Mode | 9 | 0.06 | 32 | 0.19 | 21 | 0.12 | 15 | 0.08 |
| Embedded Designated Support—Print Size | 31 | 0.19 | 18 | 0.11 | 22 | 0.12 | 13 | 0.07 |
| Embedded Designated Support—Streamlining | 47 | 0.29 | 36 | 0.21 | 33 | 0.18 | 30 | 0.17 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 1,080 | 6.65 | 1,057 | 6.21 | 1,096 | 6.10 | 845 | 4.68 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 10 | 0.06 | 4 | 0.02 | 1 | 0.01 | 4 | 0.02 |
| Non-Embedded Designated Support—Bilingual Dictionary | 26 | 0.16 | 23 | 0.14 | 32 | 0.18 | 11 | 0.06 |
| Non-Embedded Designated Support—Color Contrast | 7 | 0.04 | 9 | 0.05 | 6 | 0.03 | 2 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 6 | 0.04 | 2 | 0.01 | 4 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Magnification | 16 | 0.10 | 14 | 0.08 | 18 | 0.10 | 5 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 1 | 0.01 | 4 | 0.02 | 3 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 93 | 0.57 | 116 | 0.68 | 150 | 0.83 | 104 | 0.58 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 89 | 0.55 | 115 | 0.68 | 134 | 0.75 | 72 | 0.40 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 17 | 0.10 | 22 | 0.13 | 25 | 0.14 | 14 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 185 | 1.14 | 278 | 1.63 | 350 | 1.95 | 274 | 1.52 |
| Non-Embedded Designated Support—Simplified Test Directions | 159 | 0.98 | 212 | 1.25 | 228 | 1.27 | 153 | 0.85 |
| Non-Embedded Designated Support—Translated Test Directions | 21 | 0.13 | 14 | 0.08 | 20 | 0.11 | 2 | 0.01 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.01 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 234 | 1.44 | 346 | 2.03 | 414 | 2.30 | 361 | 2.00 |
| Other—Designated support or accommodation is in Section 504 plan | 27 | 0.17 | 40 | 0.23 | 36 | 0.20 | 27 | 0.15 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—IFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 5 | 0.02 | 7 | 0.03 | 2 | 0.01 |
| Embedded Accommodation—Braille | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 170 | 0.85 | 168 | 0.84 | 85 | 0.37 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 1 | 0.00 | 3 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.01 | 4 | 0.02 | 9 | 0.04 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 4 | 0.02 | 8 | 0.04 | 3 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 21 | 0.10 | 26 | 0.13 | 17 | 0.07 |
| Non-Embedded Accommodation—Word Prediction | 4 | 0.02 | 6 | 0.03 | 7 | 0.03 |
| EmbeddedDesignated Support—Color Contrast | 16 | 0.08 | 18 | 0.09 | 71 | 0.31 |
| Embedded Designated Support—Masking | 74 | 0.37 | 71 | 0.35 | 172 | 0.75 |
| Embedded Designated Support—Mouse Pointer | 7 | 0.03 | 2 | 0.01 | 48 | 0.21 |
| Embedded Designated Support—Permissive Mode | 10 | 0.05 | 5 | 0.02 | 3 | 0.01 |
| Embedded Designated Support—Print Size | 16 | 0.08 | 12 | 0.06 | 16 | 0.07 |
| Embedded Designated Support—Streamlining | 33 | 0.16 | 28 | 0.14 | 26 | 0.11 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 731 | 3.65 | 656 | 3.28 | 493 | 2.14 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 4 | 0.02 | 7 | 0.03 | 3 | 0.01 |
| Non-Embedded Designated Support—Bilingual Dictionary | 14 | 0.07 | 10 | 0.05 | 10 | 0.04 |
| Non-Embedded Designated Support—Color Contrast | 3 | 0.01 | 8 | 0.04 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 4 | 0.02 | 3 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Magnification | 11 | 0.05 | 7 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 70 | 0.35 | 52 | 0.26 | 42 | 0.18 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 53 | 0.26 | 62 | 0.31 | 47 | 0.20 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 8 | 0.04 | 6 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 283 | 1.41 | 278 | 1.39 | 251 | 1.09 |
| Non-Embedded Designated Support—Simplified Test Directions | 125 | 0.62 | 142 | 0.71 | 212 | 0.92 |
| Non-Embedded Designated Support—Translated Test Directions | 9 | 0.04 | 10 | 0.05 | 6 | 0.03 |
| Other—Unlisted Resources | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 371 | 1.85 | 370 | 1.85 | 303 | 1.32 |
| Other—Designated support or accommodation is in Section 504 plan | 28 | 0.14 | 37 | 0.18 | 35 | 0.15 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—English Learner (EL) Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 26 | 0.03 | 23 | 0.02 | 32 | 0.04 | 27 | 0.04 |
| Embedded Accommodation—Braille | 2 | 0.00 | 1 | 0.00 | 2 | 0.00 | 8 | 0.01 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 7,328 | 7.67 | 9,554 | 9.83 | 10,416 | 12.15 | 9,579 | 13.23 |
| Non-Embedded Accommodation—Alternate Response Options | 26 | 0.03 | 36 | 0.04 | 36 | 0.04 | 21 | 0.03 |
| Non-Embedded Accommodation—Print on Demand | 63 | 0.07 | 110 | 0.11 | 116 | 0.14 | 94 | 0.13 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 760 | 0.80 | 816 | 0.84 | 702 | 0.82 | 465 | 0.64 |
| Non-Embedded Accommodation—Speech-to-Text | 1,135 | 1.19 | 1,503 | 1.55 | 1,844 | 2.15 | 1,296 | 1.79 |
| Non-Embedded Accommodation—Word Prediction | 499 | 0.52 | 617 | 0.63 | 735 | 0.86 | 512 | 0.71 |
| EmbeddedDesignated Support—Color Contrast | 375 | 0.39 | 488 | 0.50 | 447 | 0.52 | 437 | 0.60 |
| Embedded Designated Support—Masking | 2,130 | 2.23 | 2,657 | 2.73 | 2,574 | 3.00 | 2,149 | 2.97 |
| Embedded Designated Support—Mouse Pointer | 373 | 0.39 | 297 | 0.31 | 210 | 0.24 | 128 | 0.18 |
| Embedded Designated Support—Permissive Mode | 396 | 0.41 | 440 | 0.45 | 499 | 0.58 | 357 | 0.49 |
| Embedded Designated Support—Print Size | 865 | 0.91 | 704 | 0.72 | 654 | 0.76 | 491 | 0.68 |
| Embedded Designated Support—Streamlining | 1,134 | 1.19 | 1,448 | 1.49 | 1,642 | 1.92 | 1,435 | 1.98 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 25,852 | 27.05 | 28,757 | 29.59 | 27,146 | 31.67 | 21,480 | 29.66 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 193 | 0.20 | 203 | 0.21 | 141 | 0.16 | 91 | 0.13 |
| Non-Embedded Designated Support—Bilingual Dictionary | 2,609 | 2.73 | 2,760 | 2.84 | 2,320 | 2.71 | 2,117 | 2.92 |
| Non-Embedded Designated Support—Color Contrast | 95 | 0.10 | 112 | 0.12 | 119 | 0.14 | 88 | 0.12 |
| Non-Embedded Designated Support—Color Overlay | 81 | 0.08 | 101 | 0.10 | 113 | 0.13 | 114 | 0.16 |
| Non-Embedded Designated Support—Magnification | 306 | 0.32 | 347 | 0.36 | 420 | 0.49 | 294 | 0.41 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.00 | 2 | 0.00 | 5 | 0.01 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 2,224 | 2.33 | 2,853 | 2.94 | 3,045 | 3.55 | 2,078 | 2.87 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 4,290 | 4.49 | 5,138 | 5.29 | 5,248 | 6.12 | 3,816 | 5.27 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 713 | 0.75 | 777 | 0.80 | 700 | 0.82 | 513 | 0.71 |
| Non-Embedded Designated Support—Separate Setting | 7,430 | 7.77 | 9,257 | 9.52 | 10,311 | 12.03 | 8,868 | 12.25 |
| Non-Embedded Designated Support—Simplified Test Directions | 6,797 | 7.11 | 8,279 | 8.52 | 8,732 | 10.19 | 6,646 | 9.18 |
| Non-Embedded Designated Support—Translated Test Directions | 1,204 | 1.26 | 1,262 | 1.30 | 1,126 | 1.31 | 928 | 1.28 |
| Other—Unlisted Resources | 12 | 0.01 | 2 | 0.00 | 7 | 0.01 | 7 | 0.01 |
| Other—Designated support or accommodation is in IEP | 11,436 | 11.97 | 14,132 | 14.54 | 15,606 | 18.21 | 14,549 | 20.09 |
| Other—Designated support or accommodation is in Section 504 plan | 215 | 0.22 | 251 | 0.26 | 290 | 0.34 | 216 | 0.30 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—EL Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 43 | 0.06 | 37 | 0.07 | 30 | 0.08 |
| Embedded Accommodation—Braille | 2 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 8,507 | 12.84 | 6,978 | 12.63 | 1,808 | 4.67 |
| Non-Embedded Accommodation—Alternate Response Options | 36 | 0.05 | 28 | 0.05 | 18 | 0.05 |
| Non-Embedded Accommodation—Print on Demand | 83 | 0.13 | 78 | 0.14 | 55 | 0.14 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 281 | 0.42 | 169 | 0.31 | 29 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 1,095 | 1.65 | 1,036 | 1.88 | 362 | 0.94 |
| Non-Embedded Accommodation—Word Prediction | 396 | 0.60 | 353 | 0.64 | 87 | 0.22 |
| EmbeddedDesignated Support—Color Contrast | 224 | 0.34 | 197 | 0.36 | 308 | 0.80 |
| Embedded Designated Support—Masking | 1,780 | 2.69 | 1,488 | 2.69 | 970 | 2.51 |
| Embedded Designated Support—Mouse Pointer | 104 | 0.16 | 84 | 0.15 | 238 | 0.61 |
| Embedded Designated Support—Permissive Mode | 274 | 0.41 | 245 | 0.44 | 60 | 0.15 |
| Embedded Designated Support—Print Size | 428 | 0.65 | 302 | 0.55 | 150 | 0.39 |
| Embedded Designated Support—Streamlining | 1,166 | 1.76 | 929 | 1.68 | 303 | 0.78 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 17,440 | 26.33 | 14,146 | 25.61 | 4,436 | 11.46 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 85 | 0.13 | 64 | 0.12 | 47 | 0.12 |
| Non-Embedded Designated Support—Bilingual Dictionary | 2,650 | 4.00 | 2,123 | 3.84 | 1,953 | 5.04 |
| Non-Embedded Designated Support—Color Contrast | 104 | 0.16 | 88 | 0.16 | 38 | 0.10 |
| Non-Embedded Designated Support—Color Overlay | 72 | 0.11 | 59 | 0.11 | 44 | 0.11 |
| Non-Embedded Designated Support—Magnification | 274 | 0.41 | 203 | 0.37 | 100 | 0.26 |
| Non-Embedded Designated Support—Medical Device | 3 | 0.00 | 10 | 0.02 | 2 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,481 | 2.24 | 1,050 | 1.90 | 369 | 0.95 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,094 | 4.67 | 2,542 | 4.60 | 1,006 | 2.60 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 316 | 0.48 | 209 | 0.38 | 63 | 0.16 |
| Non-Embedded Designated Support—Separate Setting | 7,543 | 11.39 | 6,209 | 11.24 | 3,390 | 8.76 |
| Non-Embedded Designated Support—Simplified Test Directions | 5,507 | 8.31 | 4,457 | 8.07 | 2,618 | 6.76 |
| Non-Embedded Designated Support—Translated Test Directions | 1,113 | 1.68 | 1,012 | 1.83 | 1,199 | 3.10 |
| Other—Unlisted Resources | 21 | 0.03 | 17 | 0.03 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 13,459 | 20.32 | 11,372 | 20.59 | 4,689 | 12.11 |
| Other—Designated support or accommodation is in Section 504 plan | 124 | 0.19 | 137 | 0.25 | 42 | 0.11 |

Table 2.B. Special Services Summary for ELA PT, Grades Three Through Six—Reclassified Fluent English Proficient (RFEP) Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 8 | 0.01 | 10 | 0.02 | 7 | 0.01 | 9 | 0.01 |
| Embedded Accommodation—Braille | 1 | 0.00 | 3 | 0.00 | 4 | 0.00 | 3 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 491 | 0.78 | 657 | 1.03 | 1,373 | 1.58 | 2,216 | 2.10 |
| Non-Embedded Accommodation—Alternate Response Options | 6 | 0.01 | 2 | 0.00 | 15 | 0.02 | 20 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 8 | 0.01 | 11 | 0.02 | 27 | 0.03 | 31 | 0.03 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 73 | 0.12 | 80 | 0.13 | 134 | 0.15 | 118 | 0.11 |
| Non-Embedded Accommodation—Speech-to-Text | 107 | 0.17 | 120 | 0.19 | 247 | 0.28 | 297 | 0.28 |
| Non-Embedded Accommodation—Word Prediction | 38 | 0.06 | 62 | 0.10 | 138 | 0.16 | 173 | 0.16 |
| EmbeddedDesignated Support—Color Contrast | 97 | 0.15 | 114 | 0.18 | 153 | 0.18 | 348 | 0.33 |
| Embedded Designated Support—Masking | 684 | 1.09 | 627 | 0.98 | 940 | 1.08 | 1,144 | 1.08 |
| Embedded Designated Support—Mouse Pointer | 149 | 0.24 | 103 | 0.16 | 105 | 0.12 | 81 | 0.08 |
| Embedded Designated Support—Permissive Mode | 41 | 0.07 | 95 | 0.15 | 131 | 0.15 | 202 | 0.19 |
| Embedded Designated Support—Print Size | 217 | 0.35 | 151 | 0.24 | 256 | 0.30 | 250 | 0.24 |
| Embedded Designated Support—Streamlining | 217 | 0.35 | 210 | 0.33 | 380 | 0.44 | 484 | 0.46 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 6,031 | 9.62 | 5,393 | 8.47 | 8,258 | 9.52 | 9,490 | 8.98 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 51 | 0.08 | 40 | 0.06 | 31 | 0.04 | 36 | 0.03 |
| Non-Embedded Designated Support—Bilingual Dictionary | 375 | 0.60 | 685 | 1.08 | 423 | 0.49 | 334 | 0.32 |
| Non-Embedded Designated Support—Color Contrast | 25 | 0.04 | 43 | 0.07 | 19 | 0.02 | 26 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 20 | 0.03 | 9 | 0.01 | 20 | 0.02 | 39 | 0.04 |
| Non-Embedded Designated Support—Magnification | 73 | 0.12 | 99 | 0.16 | 176 | 0.20 | 169 | 0.16 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 4 | 0.01 | 4 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 454 | 0.72 | 458 | 0.72 | 786 | 0.91 | 857 | 0.81 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 629 | 1.00 | 602 | 0.94 | 976 | 1.12 | 1,135 | 1.07 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 65 | 0.10 | 73 | 0.11 | 133 | 0.15 | 148 | 0.14 |
| Non-Embedded Designated Support—Separate Setting | 768 | 1.23 | 869 | 1.36 | 1,702 | 1.96 | 2,577 | 2.44 |
| Non-Embedded Designated Support—Simplified Test Directions | 931 | 1.49 | 955 | 1.50 | 1,694 | 1.95 | 2,063 | 1.95 |
| Non-Embedded Designated Support—Translated Test Directions | 85 | 0.14 | 58 | 0.09 | 104 | 0.12 | 97 | 0.09 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 1,036 | 1.65 | 1,248 | 1.96 | 2,441 | 2.81 | 3,904 | 3.70 |
| Other—Designated support or accommodation is in Section 504 plan | 46 | 0.07 | 63 | 0.10 | 108 | 0.12 | 108 | 0.10 |

Table 2.B. Special Services Summary for ELA PT, Grades Seven, Eight, and Eleven—RFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 12 | 0.01 | 21 | 0.02 | 19 | 0.01 |
| Embedded Accommodation—Braille | 7 | 0.01 | 5 | 0.00 | 4 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 2,833 | 2.32 | 3,265 | 2.46 | 1,307 | 0.90 |
| Non-Embedded Accommodation—Alternate Response Options | 9 | 0.01 | 16 | 0.01 | 23 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 55 | 0.05 | 45 | 0.03 | 45 | 0.03 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 74 | 0.06 | 85 | 0.06 | 21 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 306 | 0.25 | 471 | 0.35 | 230 | 0.16 |
| Non-Embedded Accommodation—Word Prediction | 132 | 0.11 | 164 | 0.12 | 74 | 0.05 |
| EmbeddedDesignated Support—Color Contrast | 163 | 0.13 | 221 | 0.17 | 954 | 0.66 |
| Embedded Designated Support—Masking | 1,002 | 0.82 | 1,113 | 0.84 | 2,313 | 1.60 |
| Embedded Designated Support—Mouse Pointer | 84 | 0.07 | 106 | 0.08 | 880 | 0.61 |
| Embedded Designated Support—Permissive Mode | 173 | 0.14 | 158 | 0.12 | 55 | 0.04 |
| Embedded Designated Support—Print Size | 190 | 0.16 | 211 | 0.16 | 237 | 0.16 |
| Embedded Designated Support—Streamlining | 540 | 0.44 | 530 | 0.40 | 271 | 0.19 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 8,919 | 7.32 | 10,023 | 7.54 | 5,107 | 3.52 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 55 | 0.05 | 72 | 0.05 | 49 | 0.03 |
| Non-Embedded Designated Support—Bilingual Dictionary | 257 | 0.21 | 278 | 0.21 | 259 | 0.18 |
| Non-Embedded Designated Support—Color Contrast | 29 | 0.02 | 67 | 0.05 | 38 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 15 | 0.01 | 35 | 0.03 | 26 | 0.02 |
| Non-Embedded Designated Support—Magnification | 124 | 0.10 | 150 | 0.11 | 164 | 0.11 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 748 | 0.61 | 827 | 0.62 | 529 | 0.36 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 898 | 0.74 | 1,136 | 0.85 | 564 | 0.39 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 110 | 0.09 | 122 | 0.09 | 42 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 2,993 | 2.46 | 3,594 | 2.70 | 2,941 | 2.03 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,068 | 1.70 | 2,512 | 1.89 | 3,356 | 2.31 |
| Non-Embedded Designated Support—Translated Test Directions | 67 | 0.05 | 95 | 0.07 | 69 | 0.05 |
| Other—Unlisted Resources | 2 | 0.00 | 5 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 4,977 | 4.08 | 6,043 | 4.55 | 4,062 | 2.80 |
| Other—Designated support or accommodation is in Section 504 plan | 134 | 0.11 | 145 | 0.11 | 107 | 0.07 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—All Tested

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 116 | 0.03 | 138 | 0.03 | 139 | 0.03 | 141 | 0.03 |
| Embedded Accommodation—Braille | 9 | 0.00 | 12 | 0.00 | 18 | 0.00 | 15 | 0.00 |
| Non-Embedded Accommodation—Abacus | 267 | 0.06 | 270 | 0.06 | 259 | 0.06 | 195 | 0.04 |
| Non-Embedded Accommodation—Alternate Response Options | 108 | 0.02 | 111 | 0.03 | 139 | 0.03 | 110 | 0.02 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 10,899 | 2.37 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 18,720 | 4.28 | 26,451 | 5.80 | 26,440 | 5.76 |
| Non-Embedded Accommodation—Print on Demand | 212 | 0.05 | 318 | 0.07 | 372 | 0.08 | 315 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 3,577 | 0.80 | 4,420 | 1.01 | 5,390 | 1.18 | 4,190 | 0.91 |
| Non-Embedded Accommodation—Word Prediction | 1,528 | 0.34 | 1,796 | 0.41 | 2,176 | 0.48 | 1,617 | 0.35 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 8,582 | 1.96 | 10,655 | 2.33 | 6,696 | 1.46 |
| Embedded Designated Support—Color Contrast | 1,184 | 0.27 | 1,376 | 0.31 | 1,380 | 0.30 | 1,594 | 0.35 |
| Embedded Designated Support—Masking | 6,596 | 1.48 | 7,529 | 1.72 | 8,142 | 1.78 | 7,313 | 1.59 |
| Embedded Designated Support—Mouse Pointer | 1,193 | 0.27 | 828 | 0.19 | 759 | 0.17 | 416 | 0.09 |
| Embedded Designated Support—Permissive Mode | 1,245 | 0.28 | 1,482 | 0.34 | 1,658 | 0.36 | 1,392 | 0.30 |
| Embedded Designated Support—Print Size | 2,280 | 0.51 | 1,833 | 0.42 | 2,029 | 0.44 | 1,584 | 0.35 |
| Embedded Designated Support—Streamlining | 3,691 | 0.83 | 3,952 | 0.90 | 4,633 | 1.02 | 4,240 | 0.92 |
| Embedded Designated Support—Text-to-Speech | 68,118 | 15.31 | 69,419 | 15.87 | 72,008 | 15.78 | 61,318 | 13.36 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 5,502 | 1.24 | 4,660 | 1.07 | 3,947 | 0.86 | 2,968 | 0.65 |
| Embedded Designated Support—Translations (glossary) | 1,245 | 0.28 | 1,191 | 0.27 | 1,076 | 0.24 | 1,081 | 0.24 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 1 | 0.00 | 7 | 0.00 | 4 | 0.00 |
| Non-Embedded Designated Support—Amplification | 523 | 0.12 | 451 | 0.10 | 334 | 0.07 | 261 | 0.06 |
| Non-Embedded Designated Support—Color Contrast | 301 | 0.07 | 342 | 0.08 | 389 | 0.09 | 307 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 291 | 0.07 | 266 | 0.06 | 359 | 0.08 | 352 | 0.08 |
| Non-Embedded Designated Support—Magnification | 916 | 0.21 | 959 | 0.22 | 1,233 | 0.27 | 997 | 0.22 |
| Non-Embedded Designated Support—Medical Device | 36 | 0.01 | 47 | 0.01 | 40 | 0.01 | 49 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 7,402 | 1.66 | 8,625 | 1.97 | 9,737 | 2.13 | 7,320 | 1.59 |
| Non-Embedded Designated Support—Read Aloud | 11,265 | 2.53 | 12,296 | 2.81 | 13,252 | 2.90 | 10,190 | 2.22 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 811 | 0.18 | 986 | 0.23 | 879 | 0.19 | 840 | 0.18 |
| Non-Embedded Designated Support—Scribe | 2,353 | 0.53 | 2,420 | 0.55 | 2,453 | 0.54 | 1,836 | 0.40 |
| Non-Embedded Designated Support—Separate Setting | 23,466 | 5.28 | 27,585 | 6.31 | 31,437 | 6.89 | 28,785 | 6.27 |
| Non-Embedded Designated Support—Simplified Test Directions | 18,559 | 4.17 | 20,997 | 4.80 | 22,784 | 4.99 | 18,468 | 4.02 |
| Non-Embedded Designated Support—Translated Test Directions | 1,740 | 0.39 | 1,704 | 0.39 | 1,653 | 0.36 | 1,455 | 0.32 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 33,212 | 7.47 | 39,467 | 9.02 | 44,727 | 9.80 | 44,198 | 9.63 |
| Other—Designated support or accommodation is in Section 504 plan | 1,420 | 0.32 | 1,817 | 0.42 | 2,107 | 0.46 | 1,949 | 0.42 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—All Tested

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 170 | 0.04 | 182 | 0.04 | 155 | 0.04 |
| Embedded Accommodation—Braille | 21 | 0.00 | 10 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Abacus | 145 | 0.03 | 107 | 0.02 | 87 | 0.02 |
| Non-Embedded Accommodation—Alternate Response Options | 117 | 0.02 | 112 | 0.02 | 73 | 0.02 |
| Non-Embedded Accommodation—Calculator | 15,953 | 3.37 | 17,056 | 3.69 | 8,790 | 2.01 |
| Non-Embedded Accommodation—Multiplication Table | 23,116 | 4.89 | 19,302 | 4.18 | 3,103 | 0.71 |
| Non-Embedded Accommodation—Print on Demand | 317 | 0.07 | 309 | 0.07 | 206 | 0.05 |
| Non-Embedded Accommodation—Speech-to-Text | 3,552 | 0.75 | 3,505 | 0.76 | 1,370 | 0.31 |
| Non-Embedded Accommodation—Word Prediction | 1,183 | 0.25 | 1,225 | 0.27 | 432 | 0.10 |
| Non-Embedded Accommodation—100s Number Table | 3,484 | 0.74 | 2,108 | 0.46 | 505 | 0.12 |
| Embedded Designated Support—Color Contrast | 957 | 0.20 | 914 | 0.20 | 2,396 | 0.55 |
| Embedded Designated Support—Masking | 6,495 | 1.37 | 6,037 | 1.31 | 6,037 | 1.38 |
| Embedded Designated Support—Mouse Pointer | 340 | 0.07 | 314 | 0.07 | 1,809 | 0.41 |
| Embedded Designated Support—Permissive Mode | 1,054 | 0.22 | 948 | 0.21 | 291 | 0.07 |
| Embedded Designated Support—Print Size | 1,316 | 0.28 | 1,171 | 0.25 | 720 | 0.16 |
| Embedded Designated Support—Streamlining | 3,782 | 0.80 | 3,254 | 0.70 | 1,250 | 0.29 |
| Embedded Designated Support—Text-to-Speech | 53,777 | 11.37 | 48,420 | 10.48 | 18,731 | 4.28 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,833 | 0.60 | 2,721 | 0.59 | 2,303 | 0.53 |
| Embedded Designated Support—Translations (glossary) | 1,142 | 0.24 | 1,204 | 0.26 | 1,599 | 0.36 |
| Embedded Designated Support—Turn off any Universal Tool | 3 | 0.00 | 3 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 259 | 0.05 | 290 | 0.06 | 175 | 0.04 |
| Non-Embedded Designated Support—Color Contrast | 327 | 0.07 | 349 | 0.08 | 151 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 235 | 0.05 | 237 | 0.05 | 144 | 0.03 |
| Non-Embedded Designated Support—Magnification | 819 | 0.17 | 758 | 0.16 | 457 | 0.10 |
| Non-Embedded Designated Support—Medical Device | 22 | 0.00 | 29 | 0.01 | 14 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 5,393 | 1.14 | 4,689 | 1.01 | 2,191 | 0.50 |
| Non-Embedded Designated Support—Read Aloud | 8,020 | 1.70 | 7,249 | 1.57 | 3,097 | 0.71 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 911 | 0.19 | 745 | 0.16 | 555 | 0.13 |
| Non-Embedded Designated Support—Scribe | 1,317 | 0.28 | 1,003 | 0.22 | 303 | 0.07 |
| Non-Embedded Designated Support—Separate Setting | 25,657 | 5.42 | 23,906 | 5.17 | 16,070 | 3.67 |
| Non-Embedded Designated Support—Simplified Test Directions | 15,517 | 3.28 | 14,169 | 3.07 | 11,629 | 2.65 |
| Non-Embedded Designated Support—Translated Test Directions | 1,681 | 0.36 | 1,535 | 0.33 | 1,370 | 0.31 |
| Other—Unlisted Resources | 43 | 0.01 | 25 | 0.01 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 43,152 | 9.12 | 40,385 | 8.74 | 21,554 | 4.92 |
| Other—Designated support or accommodation is in Section 504 plan | 1,628 | 0.34 | 1,736 | 0.38 | 1,118 | 0.26 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—Students with No Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.00 | 3 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 115 | 0.03 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 232 | 0.06 | 280 | 0.07 | 252 | 0.06 |
| Non-Embedded Accommodation—Print on Demand | 4 | 0.00 | 9 | 0.00 | 4 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 69 | 0.02 | 102 | 0.03 | 87 | 0.02 | 87 | 0.02 |
| Non-Embedded Accommodation—Word Prediction | 9 | 0.00 | 20 | 0.01 | 16 | 0.00 | 14 | 0.00 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 70 | 0.02 | 71 | 0.02 | 45 | 0.01 |
| Embedded Designated Support—Color Contrast | 744 | 0.19 | 724 | 0.19 | 612 | 0.15 | 866 | 0.21 |
| Embedded Designated Support—Masking | 3,217 | 0.82 | 3,171 | 0.83 | 3,044 | 0.76 | 2,468 | 0.61 |
| Embedded Designated Support—Mouse Pointer | 812 | 0.21 | 469 | 0.12 | 429 | 0.11 | 202 | 0.05 |
| Embedded Designated Support—Permissive Mode | 385 | 0.10 | 345 | 0.09 | 321 | 0.08 | 309 | 0.08 |
| Embedded Designated Support—Print Size | 1,415 | 0.36 | 774 | 0.20 | 909 | 0.23 | 530 | 0.13 |
| Embedded Designated Support—Streamlining | 1,138 | 0.29 | 1,005 | 0.26 | 1,014 | 0.25 | 853 | 0.21 |
| Embedded Designated Support—Text-to-Speech | 42,140 | 10.70 | 38,710 | 10.08 | 36,998 | 9.27 | 27,549 | 6.82 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 5,132 | 1.30 | 4,358 | 1.14 | 3,730 | 0.93 | 2,796 | 0.69 |
| Embedded Designated Support—Translations (glossary) | 1,204 | 0.31 | 1,157 | 0.30 | 1,025 | 0.26 | 1,034 | 0.26 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 214 | 0.05 | 141 | 0.04 | 59 | 0.01 | 60 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 148 | 0.04 | 104 | 0.03 | 80 | 0.02 | 34 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 140 | 0.04 | 68 | 0.02 | 55 | 0.01 | 48 | 0.01 |
| Non-Embedded Designated Support—Magnification | 487 | 0.12 | 416 | 0.11 | 561 | 0.14 | 326 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 23 | 0.01 | 34 | 0.01 | 30 | 0.01 | 36 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,434 | 0.36 | 1,557 | 0.41 | 1,659 | 0.42 | 1,308 | 0.32 |
| Non-Embedded Designated Support—Read Aloud | 3,324 | 0.84 | 3,212 | 0.84 | 2,475 | 0.62 | 1,627 | 0.40 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 490 | 0.12 | 580 | 0.15 | 416 | 0.10 | 444 | 0.11 |
| Non-Embedded Designated Support—Scribe | 282 | 0.07 | 242 | 0.06 | 173 | 0.04 | 318 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 2,929 | 0.74 | 2,826 | 0.74 | 2,971 | 0.74 | 2,488 | 0.62 |
| Non-Embedded Designated Support—Simplified Test Directions | 4,920 | 1.25 | 4,721 | 1.23 | 4,447 | 1.11 | 3,201 | 0.79 |
| Non-Embedded Designated Support—Translated Test Directions | 1,468 | 0.37 | 1,399 | 0.36 | 1,285 | 0.32 | 1,153 | 0.29 |
| Other—Unlisted Resources | 0 | 0.00 | 1 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,180 | 0.30 | 1,473 | 0.38 | 1,687 | 0.42 | 1,583 | 0.39 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—Students with No Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.00 | 0 | 0.00 | 6 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 1 | 0.00 | 2 | 0.00 | 6 | 0.00 |
| Non-Embedded Accommodation—Calculator | 166 | 0.04 | 146 | 0.04 | 77 | 0.02 |
| Non-Embedded Accommodation—Multiplication Table | 191 | 0.05 | 169 | 0.04 | 30 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.00 | 2 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 57 | 0.01 | 50 | 0.01 | 12 | 0.00 |
| Non-Embedded Accommodation—Word Prediction | 15 | 0.00 | 11 | 0.00 | 8 | 0.00 |
| Non-Embedded Accommodation—100s Number Table | 34 | 0.01 | 26 | 0.01 | 7 | 0.00 |
| Embedded Designated Support—Color Contrast | 368 | 0.09 | 390 | 0.10 | 2,066 | 0.52 |
| Embedded Designated Support—Masking | 1,710 | 0.41 | 1,444 | 0.35 | 4,186 | 1.05 |
| Embedded Designated Support—Mouse Pointer | 194 | 0.05 | 191 | 0.05 | 1,588 | 0.40 |
| Embedded Designated Support—Permissive Mode | 219 | 0.05 | 200 | 0.05 | 53 | 0.01 |
| Embedded Designated Support—Print Size | 322 | 0.08 | 247 | 0.06 | 349 | 0.09 |
| Embedded Designated Support—Streamlining | 815 | 0.19 | 527 | 0.13 | 184 | 0.05 |
| Embedded Designated Support—Text-to-Speech | 22,124 | 5.29 | 19,755 | 4.82 | 11,321 | 2.85 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,671 | 0.64 | 2,607 | 0.64 | 2,198 | 0.55 |
| Embedded Designated Support—Translations (glossary) | 1,106 | 0.26 | 1,162 | 0.28 | 1,552 | 0.39 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 64 | 0.02 | 86 | 0.02 | 37 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 23 | 0.01 | 101 | 0.02 | 30 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 11 | 0.00 | 45 | 0.01 | 19 | 0.00 |
| Non-Embedded Designated Support—Magnification | 179 | 0.04 | 120 | 0.03 | 155 | 0.04 |
| Non-Embedded Designated Support—Medical Device | 16 | 0.00 | 27 | 0.01 | 10 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 1,085 | 0.26 | 904 | 0.22 | 589 | 0.15 |
| Non-Embedded Designated Support—Read Aloud | 1,049 | 0.25 | 890 | 0.22 | 562 | 0.14 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 478 | 0.11 | 384 | 0.09 | 392 | 0.10 |
| Non-Embedded Designated Support—Scribe | 322 | 0.08 | 247 | 0.06 | 36 | 0.01 |
| Non-Embedded Designated Support—Separate Setting | 1,994 | 0.48 | 1,969 | 0.48 | 1,160 | 0.29 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,488 | 0.59 | 2,365 | 0.58 | 4,870 | 1.23 |
| Non-Embedded Designated Support—Translated Test Directions | 1,300 | 0.31 | 1,228 | 0.30 | 1,139 | 0.29 |
| Other—Unlisted Resources | 0 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,354 | 0.32 | 1,387 | 0.34 | 918 | 0.23 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—Students with Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 116 | 0.23 | 136 | 0.25 | 139 | 0.24 | 141 | 0.26 |
| Embedded Accommodation—Braille | 9 | 0.02 | 12 | 0.02 | 18 | 0.03 | 15 | 0.03 |
| Non-Embedded Accommodation—Abacus | 266 | 0.52 | 267 | 0.50 | 257 | 0.45 | 194 | 0.35 |
| Non-Embedded Accommodation—Alternate Response Options | 108 | 0.21 | 108 | 0.20 | 136 | 0.24 | 108 | 0.20 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 10,784 | 19.58 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 18,488 | 34.56 | 26,171 | 45.90 | 26,188 | 47.56 |
| Non-Embedded Accommodation—Print on Demand | 208 | 0.41 | 309 | 0.58 | 368 | 0.65 | 308 | 0.56 |
| Non-Embedded Accommodation—Speech-to-Text | 3,508 | 6.87 | 4,318 | 8.07 | 5,303 | 9.30 | 4,103 | 7.45 |
| Non-Embedded Accommodation—Word Prediction | 1,519 | 2.98 | 1,776 | 3.32 | 2,160 | 3.79 | 1,603 | 2.91 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 8,512 | 15.91 | 10,584 | 18.56 | 6,651 | 12.08 |
| Embedded Designated Support—Color Contrast | 440 | 0.86 | 652 | 1.22 | 768 | 1.35 | 728 | 1.32 |
| Embedded Designated Support—Masking | 3,379 | 6.62 | 4,358 | 8.15 | 5,098 | 8.94 | 4,845 | 8.80 |
| Embedded Designated Support—Mouse Pointer | 381 | 0.75 | 359 | 0.67 | 330 | 0.58 | 214 | 0.39 |
| Embedded Designated Support—Permissive Mode | 860 | 1.68 | 1,137 | 2.13 | 1,337 | 2.35 | 1,083 | 1.97 |
| Embedded Designated Support—Print Size | 865 | 1.69 | 1,059 | 1.98 | 1,120 | 1.96 | 1,054 | 1.91 |
| Embedded Designated Support—Streamlining | 2,553 | 5.00 | 2,947 | 5.51 | 3,619 | 6.35 | 3,387 | 6.15 |
| Embedded Designated Support—Text-to-Speech | 25,978 | 50.88 | 30,709 | 57.40 | 35,010 | 61.41 | 33,769 | 61.33 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 370 | 0.72 | 302 | 0.56 | 217 | 0.38 | 172 | 0.31 |
| Embedded Designated Support—Translations (glossary) | 41 | 0.08 | 34 | 0.06 | 51 | 0.09 | 47 | 0.09 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 1 | 0.00 | 7 | 0.01 | 4 | 0.01 |
| Non-Embedded Designated Support—Amplification | 309 | 0.61 | 310 | 0.58 | 275 | 0.48 | 201 | 0.37 |
| Non-Embedded Designated Support—Color Contrast | 153 | 0.30 | 238 | 0.44 | 309 | 0.54 | 273 | 0.50 |
| Non-Embedded Designated Support—Color Overlay | 151 | 0.30 | 198 | 0.37 | 304 | 0.53 | 304 | 0.55 |
| Non-Embedded Designated Support—Magnification | 429 | 0.84 | 543 | 1.01 | 672 | 1.18 | 671 | 1.22 |
| Non-Embedded Designated Support—Medical Device | 13 | 0.03 | 13 | 0.02 | 10 | 0.02 | 13 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 5,968 | 11.69 | 7,068 | 13.21 | 8,078 | 14.17 | 6,012 | 10.92 |
| Non-Embedded Designated Support—Read Aloud | 7,941 | 15.55 | 9,084 | 16.98 | 10,777 | 18.90 | 8,563 | 15.55 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 321 | 0.63 | 406 | 0.76 | 463 | 0.81 | 396 | 0.72 |
| Non-Embedded Designated Support—Scribe | 2,071 | 4.06 | 2,178 | 4.07 | 2,280 | 4.00 | 1,518 | 2.76 |
| Non-Embedded Designated Support—Separate Setting | 20,537 | 40.23 | 24,759 | 46.28 | 28,466 | 49.93 | 26,297 | 47.76 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,639 | 26.72 | 16,276 | 30.42 | 18,337 | 32.16 | 15,267 | 27.73 |
| Non-Embedded Designated Support—Translated Test Directions | 272 | 0.53 | 305 | 0.57 | 368 | 0.65 | 302 | 0.55 |
| Other—Unlisted Resources | 1 | 0.00 | 2 | 0.00 | 2 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 33,212 | 65.05 | 39,467 | 73.77 | 44,727 | 78.45 | 44,198 | 80.27 |
| Other—Designated support or accommodation is in Section 504 plan | 240 | 0.47 | 344 | 0.64 | 420 | 0.74 | 366 | 0.66 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—Students with Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 170 | 0.31 | 182 | 0.35 | 155 | 0.38 |
| Embedded Accommodation—Braille | 21 | 0.04 | 10 | 0.02 | 7 | 0.02 |
| Non-Embedded Accommodation—Abacus | 144 | 0.26 | 107 | 0.21 | 81 | 0.20 |
| Non-Embedded Accommodation—Alternate Response Options | 116 | 0.21 | 110 | 0.21 | 67 | 0.16 |
| Non-Embedded Accommodation—Calculator | 15,787 | 28.87 | 16,910 | 32.48 | 8,713 | 21.31 |
| Non-Embedded Accommodation—Multiplication Table | 22,925 | 41.92 | 19,133 | 36.75 | 3,073 | 7.52 |
| Non-Embedded Accommodation—Print on Demand | 314 | 0.57 | 307 | 0.59 | 202 | 0.49 |
| Non-Embedded Accommodation—Speech-to-Text | 3,495 | 6.39 | 3,455 | 6.64 | 1,358 | 3.32 |
| Non-Embedded Accommodation—Word Prediction | 1,168 | 2.14 | 1,214 | 2.33 | 424 | 1.04 |
| Non-Embedded Accommodation—100s Number Table | 3,450 | 6.31 | 2,082 | 4.00 | 498 | 1.22 |
| Embedded Designated Support—Color Contrast | 589 | 1.08 | 524 | 1.01 | 330 | 0.81 |
| Embedded Designated Support—Masking | 4,785 | 8.75 | 4,593 | 8.82 | 1,851 | 4.53 |
| Embedded Designated Support—Mouse Pointer | 146 | 0.27 | 123 | 0.24 | 221 | 0.54 |
| Embedded Designated Support—Permissive Mode | 835 | 1.53 | 748 | 1.44 | 238 | 0.58 |
| Embedded Designated Support—Print Size | 994 | 1.82 | 924 | 1.77 | 371 | 0.91 |
| Embedded Designated Support—Streamlining | 2,967 | 5.43 | 2,727 | 5.24 | 1,066 | 2.61 |
| Embedded Designated Support—Text-to-Speech | 31,653 | 57.89 | 28,665 | 55.06 | 7,410 | 18.12 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 162 | 0.30 | 114 | 0.22 | 105 | 0.26 |
| Embedded Designated Support—Translations (glossary) | 36 | 0.07 | 42 | 0.08 | 47 | 0.11 |
| Embedded Designated Support—Turn off any Universal Tool | 3 | 0.01 | 3 | 0.01 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 195 | 0.36 | 204 | 0.39 | 138 | 0.34 |
| Non-Embedded Designated Support—Color Contrast | 304 | 0.56 | 248 | 0.48 | 121 | 0.30 |
| Non-Embedded Designated Support—Color Overlay | 224 | 0.41 | 192 | 0.37 | 125 | 0.31 |
| Non-Embedded Designated Support—Magnification | 640 | 1.17 | 638 | 1.23 | 302 | 0.74 |
| Non-Embedded Designated Support—Medical Device | 6 | 0.01 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 4,308 | 7.88 | 3,785 | 7.27 | 1,602 | 3.92 |
| Non-Embedded Designated Support—Read Aloud | 6,971 | 12.75 | 6,359 | 12.21 | 2,535 | 6.20 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 433 | 0.79 | 361 | 0.69 | 163 | 0.40 |
| Non-Embedded Designated Support—Scribe | 995 | 1.82 | 756 | 1.45 | 267 | 0.65 |
| Non-Embedded Designated Support—Separate Setting | 23,663 | 43.27 | 21,937 | 42.13 | 14,910 | 36.46 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,029 | 23.83 | 11,804 | 22.67 | 6,759 | 16.53 |
| Non-Embedded Designated Support—Translated Test Directions | 381 | 0.70 | 307 | 0.59 | 231 | 0.56 |
| Other—Unlisted Resources | 43 | 0.08 | 23 | 0.04 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 43,152 | 78.91 | 40,385 | 77.57 | 21,554 | 52.71 |
| Other—Designated support or accommodation is in Section 504 plan | 274 | 0.50 | 349 | 0.67 | 200 | 0.49 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—EO Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 81 | 0.03 | 101 | 0.04 | 95 | 0.04 | 103 | 0.04 |
| Embedded Accommodation—Braille | 7 | 0.00 | 8 | 0.00 | 12 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Abacus | 169 | 0.06 | 175 | 0.07 | 152 | 0.06 | 105 | 0.04 |
| Non-Embedded Accommodation—Alternate Response Options | 75 | 0.03 | 72 | 0.03 | 87 | 0.03 | 67 | 0.03 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 6,354 | 2.44 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 10,945 | 4.26 | 15,090 | 5.73 | 14,804 | 5.68 |
| Non-Embedded Accommodation—Print on Demand | 140 | 0.05 | 195 | 0.08 | 223 | 0.08 | 186 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 2,302 | 0.86 | 2,745 | 1.07 | 3,257 | 1.24 | 2,567 | 0.99 |
| Non-Embedded Accommodation—Word Prediction | 973 | 0.36 | 1,100 | 0.43 | 1,288 | 0.49 | 933 | 0.36 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 4,818 | 1.88 | 5,781 | 2.19 | 3,539 | 1.36 |
| Embedded Designated Support—Color Contrast | 677 | 0.25 | 758 | 0.30 | 773 | 0.29 | 780 | 0.30 |
| Embedded Designated Support—Masking | 3,649 | 1.36 | 4,093 | 1.59 | 4,481 | 1.70 | 3,909 | 1.50 |
| Embedded Designated Support—Mouse Pointer | 628 | 0.23 | 403 | 0.16 | 428 | 0.16 | 204 | 0.08 |
| Embedded Designated Support—Permissive Mode | 797 | 0.30 | 923 | 0.36 | 1,002 | 0.38 | 860 | 0.33 |
| Embedded Designated Support—Print Size | 1,145 | 0.43 | 949 | 0.37 | 1,108 | 0.42 | 833 | 0.32 |
| Embedded Designated Support—Streamlining | 2,283 | 0.85 | 2,240 | 0.87 | 2,573 | 0.98 | 2,287 | 0.88 |
| Embedded Designated Support—Text-to-Speech | 34,037 | 12.72 | 32,995 | 12.85 | 34,435 | 13.07 | 29,051 | 11.15 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 1,070 | 0.40 | 807 | 0.31 | 661 | 0.25 | 196 | 0.08 |
| Embedded Designated Support—Translations (glossary) | 15 | 0.01 | 10 | 0.00 | 11 | 0.00 | 16 | 0.01 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 1 | 0.00 | 6 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 266 | 0.10 | 202 | 0.08 | 155 | 0.06 | 132 | 0.05 |
| Non-Embedded Designated Support—Color Contrast | 173 | 0.06 | 188 | 0.07 | 244 | 0.09 | 191 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 182 | 0.07 | 154 | 0.06 | 216 | 0.08 | 200 | 0.08 |
| Non-Embedded Designated Support—Magnification | 524 | 0.20 | 497 | 0.19 | 608 | 0.23 | 528 | 0.20 |
| Non-Embedded Designated Support—Medical Device | 29 | 0.01 | 37 | 0.01 | 25 | 0.01 | 42 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 4,624 | 1.73 | 5,178 | 2.02 | 5,722 | 2.17 | 4,276 | 1.64 |
| Non-Embedded Designated Support—Read Aloud | 6,137 | 2.29 | 6,390 | 2.49 | 6,844 | 2.60 | 5,146 | 1.97 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 166 | 0.06 | 178 | 0.07 | 221 | 0.08 | 192 | 0.07 |
| Non-Embedded Designated Support—Scribe | 1,559 | 0.58 | 1,543 | 0.60 | 1,590 | 0.60 | 1,161 | 0.45 |
| Non-Embedded Designated Support—Separate Setting | 15,008 | 5.61 | 17,087 | 6.66 | 18,970 | 7.20 | 17,042 | 6.54 |
| Non-Embedded Designated Support—Simplified Test Directions | 10,563 | 3.95 | 11,421 | 4.45 | 12,005 | 4.56 | 9,507 | 3.65 |
| Non-Embedded Designated Support—Translated Test Directions | 173 | 0.06 | 101 | 0.04 | 151 | 0.06 | 194 | 0.07 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 20,505 | 7.67 | 23,648 | 9.21 | 26,137 | 9.92 | 25,207 | 9.67 |
| Other—Designated support or accommodation is in Section 504 plan | 1,118 | 0.42 | 1,445 | 0.56 | 1,663 | 0.63 | 1,583 | 0.61 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—EO Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 108 | 0.04 | 116 | 0.05 | 108 | 0.05 |
| Embedded Accommodation—Braille | 12 | 0.00 | 3 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 87 | 0.03 | 47 | 0.02 | 32 | 0.01 |
| Non-Embedded Accommodation—Alternate Response Options | 74 | 0.03 | 70 | 0.03 | 31 | 0.01 |
| Non-Embedded Accommodation—Calculator | 9,218 | 3.51 | 9,739 | 3.86 | 5,126 | 2.22 |
| Non-Embedded Accommodation—Multiplication Table | 12,738 | 4.85 | 10,461 | 4.15 | 1,720 | 0.74 |
| Non-Embedded Accommodation—Print on Demand | 179 | 0.07 | 184 | 0.07 | 98 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 2,144 | 0.82 | 1,978 | 0.78 | 770 | 0.33 |
| Non-Embedded Accommodation—Word Prediction | 664 | 0.25 | 703 | 0.28 | 268 | 0.12 |
| Non-Embedded Accommodation—100s Number Table | 1,829 | 0.70 | 1,025 | 0.41 | 250 | 0.11 |
| Embedded Designated Support—Color Contrast | 547 | 0.21 | 476 | 0.19 | 1,091 | 0.47 |
| Embedded Designated Support—Masking | 3,630 | 1.38 | 3,343 | 1.33 | 2,640 | 1.14 |
| Embedded Designated Support—Mouse Pointer | 138 | 0.05 | 117 | 0.05 | 655 | 0.28 |
| Embedded Designated Support—Permissive Mode | 590 | 0.22 | 519 | 0.21 | 173 | 0.07 |
| Embedded Designated Support—Print Size | 683 | 0.26 | 644 | 0.26 | 312 | 0.13 |
| Embedded Designated Support—Streamlining | 2,040 | 0.78 | 1,754 | 0.70 | 642 | 0.28 |
| Embedded Designated Support—Text-to-Speech | 26,298 | 10.02 | 23,418 | 9.29 | 8,723 | 3.77 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 57 | 0.02 | 16 | 0.01 | 10 | 0.00 |
| Embedded Designated Support—Translations (glossary) | 12 | 0.00 | 18 | 0.01 | 11 | 0.00 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 113 | 0.04 | 148 | 0.06 | 78 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 194 | 0.07 | 181 | 0.07 | 73 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 146 | 0.06 | 139 | 0.06 | 76 | 0.03 |
| Non-Embedded Designated Support—Magnification | 414 | 0.16 | 398 | 0.16 | 188 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 15 | 0.01 | 14 | 0.01 | 8 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 3,091 | 1.18 | 2,757 | 1.09 | 1,267 | 0.55 |
| Non-Embedded Designated Support—Read Aloud | 3,941 | 1.50 | 3,475 | 1.38 | 1,453 | 0.63 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 188 | 0.07 | 153 | 0.06 | 43 | 0.02 |
| Non-Embedded Designated Support—Scribe | 881 | 0.34 | 671 | 0.27 | 196 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 14,834 | 5.65 | 13,809 | 5.48 | 9,463 | 4.09 |
| Non-Embedded Designated Support—Simplified Test Directions | 7,765 | 2.96 | 7,012 | 2.78 | 5,398 | 2.33 |
| Non-Embedded Designated Support—Translated Test Directions | 220 | 0.08 | 193 | 0.08 | 26 | 0.01 |
| Other—Unlisted Resources | 28 | 0.01 | 20 | 0.01 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 24,184 | 9.21 | 22,372 | 8.87 | 12,300 | 5.32 |
| Other—Designated support or accommodation is in Section 504 plan | 1,336 | 0.51 | 1,418 | 0.56 | 926 | 0.40 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—IFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 | 1 | 0.01 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.01 | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 |
| Non-Embedded Accommodation—Alternate Response Options | 2 | 0.01 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 59 | 0.33 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 139 | 0.82 | 206 | 1.15 | 191 | 1.06 |
| Non-Embedded Accommodation—Print on Demand | 1 | 0.01 | 3 | 0.02 | 4 | 0.02 | 2 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 27 | 0.17 | 43 | 0.25 | 41 | 0.23 | 26 | 0.14 |
| Non-Embedded Accommodation—Word Prediction | 11 | 0.07 | 14 | 0.08 | 10 | 0.06 | 6 | 0.03 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 55 | 0.32 | 67 | 0.37 | 40 | 0.22 |
| Embedded Designated Support—Color Contrast | 23 | 0.14 | 23 | 0.14 | 17 | 0.09 | 27 | 0.15 |
| Embedded Designated Support—Masking | 108 | 0.66 | 108 | 0.63 | 107 | 0.60 | 98 | 0.54 |
| Embedded Designated Support—Mouse Pointer | 29 | 0.18 | 15 | 0.09 | 18 | 0.10 | 5 | 0.03 |
| Embedded Designated Support—Permissive Mode | 9 | 0.06 | 32 | 0.19 | 19 | 0.11 | 14 | 0.08 |
| Embedded Designated Support—Print Size | 32 | 0.20 | 18 | 0.11 | 21 | 0.12 | 12 | 0.07 |
| Embedded Designated Support—Streamlining | 47 | 0.29 | 36 | 0.21 | 33 | 0.18 | 28 | 0.16 |
| Embedded Designated Support—Text-to-Speech | 1,083 | 6.67 | 1,078 | 6.33 | 1,112 | 6.18 | 845 | 4.68 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 168 | 1.03 | 101 | 0.59 | 98 | 0.55 | 33 | 0.18 |
| Embedded Designated Support—Translations (glossary) | 16 | 0.10 | 33 | 0.19 | 28 | 0.16 | 20 | 0.11 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 10 | 0.06 | 4 | 0.02 | 1 | 0.01 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Contrast | 7 | 0.04 | 5 | 0.03 | 6 | 0.03 | 2 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 6 | 0.04 | 2 | 0.01 | 4 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Magnification | 16 | 0.10 | 14 | 0.08 | 19 | 0.11 | 5 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 1 | 0.01 | 4 | 0.02 | 3 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 93 | 0.57 | 117 | 0.69 | 149 | 0.83 | 104 | 0.58 |
| Non-Embedded Designated Support—Read Aloud | 91 | 0.56 | 115 | 0.68 | 132 | 0.73 | 73 | 0.40 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 9 | 0.06 | 2 | 0.01 | 2 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Scribe | 17 | 0.10 | 22 | 0.13 | 24 | 0.13 | 16 | 0.09 |
| Non-Embedded Designated Support—Separate Setting | 187 | 1.15 | 280 | 1.65 | 353 | 1.96 | 274 | 1.52 |
| Non-Embedded Designated Support—Simplified Test Directions | 162 | 1.00 | 209 | 1.23 | 231 | 1.28 | 154 | 0.85 |
| Non-Embedded Designated Support—Translated Test Directions | 21 | 0.13 | 15 | 0.09 | 20 | 0.11 | 1 | 0.01 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 235 | 1.45 | 350 | 2.06 | 412 | 2.29 | 374 | 2.07 |
| Other—Designated support or accommodation is in Section 504 plan | 31 | 0.19 | 42 | 0.25 | 39 | 0.22 | 31 | 0.17 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—IFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 6 | 0.03 | 7 | 0.03 | 1 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 1 | 0.00 | 3 | 0.01 |
| Non-Embedded Accommodation—Calculator | 93 | 0.46 | 114 | 0.57 | 102 | 0.45 |
| Non-Embedded Accommodation—Multiplication Table | 159 | 0.79 | 131 | 0.65 | 36 | 0.16 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.01 | 4 | 0.02 | 9 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 21 | 0.10 | 26 | 0.13 | 19 | 0.08 |
| Non-Embedded Accommodation—Word Prediction | 4 | 0.02 | 6 | 0.03 | 7 | 0.03 |
| Non-Embedded Accommodation—100s Number Table | 21 | 0.10 | 5 | 0.02 | 10 | 0.04 |
| Embedded Designated Support—Color Contrast | 16 | 0.08 | 17 | 0.08 | 70 | 0.31 |
| Embedded Designated Support—Masking | 74 | 0.37 | 70 | 0.35 | 173 | 0.76 |
| Embedded Designated Support—Mouse Pointer | 7 | 0.03 | 2 | 0.01 | 46 | 0.20 |
| Embedded Designated Support—Permissive Mode | 10 | 0.05 | 4 | 0.02 | 4 | 0.02 |
| Embedded Designated Support—Print Size | 16 | 0.08 | 13 | 0.06 | 17 | 0.07 |
| Embedded Designated Support—Streamlining | 33 | 0.16 | 27 | 0.13 | 25 | 0.11 |
| Embedded Designated Support—Text-to-Speech | 738 | 3.68 | 659 | 3.29 | 496 | 2.16 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 20 | 0.10 | 17 | 0.08 | 12 | 0.05 |
| Embedded Designated Support—Translations (glossary) | 25 | 0.12 | 33 | 0.16 | 44 | 0.19 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 4 | 0.02 | 7 | 0.03 | 3 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 3 | 0.01 | 8 | 0.04 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 4 | 0.02 | 3 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Magnification | 11 | 0.05 | 7 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 70 | 0.35 | 52 | 0.26 | 43 | 0.19 |
| Non-Embedded Designated Support—Read Aloud | 55 | 0.27 | 61 | 0.30 | 51 | 0.22 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 5 | 0.02 | 1 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Scribe | 8 | 0.04 | 5 | 0.02 | 8 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 284 | 1.42 | 275 | 1.37 | 254 | 1.11 |
| Non-Embedded Designated Support—Simplified Test Directions | 131 | 0.65 | 143 | 0.71 | 218 | 0.95 |
| Non-Embedded Designated Support—Translated Test Directions | 11 | 0.05 | 10 | 0.05 | 6 | 0.03 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 385 | 1.92 | 382 | 1.91 | 309 | 1.35 |
| Other—Designated support or accommodation is in Section 504 plan | 27 | 0.13 | 35 | 0.17 | 35 | 0.15 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—EL Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 26 | 0.03 | 25 | 0.03 | 32 | 0.04 | 28 | 0.04 |
| Embedded Accommodation—Braille | 1 | 0.00 | 2 | 0.00 | 2 | 0.00 | 8 | 0.01 |
| Non-Embedded Accommodation—Abacus | 90 | 0.09 | 84 | 0.08 | 91 | 0.10 | 61 | 0.08 |
| Non-Embedded Accommodation—Alternate Response Options | 25 | 0.03 | 37 | 0.04 | 36 | 0.04 | 24 | 0.03 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3,575 | 4.81 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 7,091 | 7.13 | 9,796 | 11.16 | 9,210 | 12.38 |
| Non-Embedded Accommodation—Print on Demand | 63 | 0.06 | 109 | 0.11 | 117 | 0.13 | 96 | 0.13 |
| Non-Embedded Accommodation—Speech-to-Text | 1,137 | 1.16 | 1,508 | 1.52 | 1,848 | 2.11 | 1,296 | 1.74 |
| Non-Embedded Accommodation—Word Prediction | 506 | 0.52 | 619 | 0.62 | 737 | 0.84 | 505 | 0.68 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 3,451 | 3.47 | 4,252 | 4.84 | 2,553 | 3.43 |
| Embedded Designated Support—Color Contrast | 387 | 0.40 | 484 | 0.49 | 439 | 0.50 | 439 | 0.59 |
| Embedded Designated Support—Masking | 2,152 | 2.20 | 2,693 | 2.71 | 2,601 | 2.96 | 2,160 | 2.90 |
| Embedded Designated Support—Mouse Pointer | 387 | 0.40 | 304 | 0.31 | 212 | 0.24 | 128 | 0.17 |
| Embedded Designated Support—Permissive Mode | 397 | 0.41 | 434 | 0.44 | 507 | 0.58 | 350 | 0.47 |
| Embedded Designated Support—Print Size | 883 | 0.90 | 712 | 0.72 | 651 | 0.74 | 491 | 0.66 |
| Embedded Designated Support—Streamlining | 1,141 | 1.16 | 1,464 | 1.47 | 1,654 | 1.88 | 1,437 | 1.93 |
| Embedded Designated Support—Text-to-Speech | 26,877 | 27.44 | 29,831 | 29.98 | 28,073 | 31.98 | 21,877 | 29.41 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 3,594 | 3.67 | 3,199 | 3.21 | 2,628 | 2.99 | 2,372 | 3.19 |
| Embedded Designated Support—Translations (glossary) | 988 | 1.01 | 846 | 0.85 | 799 | 0.91 | 805 | 1.08 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 0.00 |
| Non-Embedded Designated Support—Amplification | 195 | 0.20 | 204 | 0.20 | 146 | 0.17 | 89 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 96 | 0.10 | 108 | 0.11 | 119 | 0.14 | 89 | 0.12 |
| Non-Embedded Designated Support—Color Overlay | 82 | 0.08 | 101 | 0.10 | 119 | 0.14 | 115 | 0.15 |
| Non-Embedded Designated Support—Magnification | 303 | 0.31 | 349 | 0.35 | 429 | 0.49 | 297 | 0.40 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.00 | 2 | 0.00 | 6 | 0.01 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 2,228 | 2.27 | 2,870 | 2.88 | 3,065 | 3.49 | 2,085 | 2.80 |
| Non-Embedded Designated Support—Read Aloud | 4,399 | 4.49 | 5,185 | 5.21 | 5,287 | 6.02 | 3,832 | 5.15 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 588 | 0.60 | 787 | 0.79 | 624 | 0.71 | 598 | 0.80 |
| Non-Embedded Designated Support—Scribe | 712 | 0.73 | 781 | 0.78 | 704 | 0.80 | 508 | 0.68 |
| Non-Embedded Designated Support—Separate Setting | 7,482 | 7.64 | 9,326 | 9.37 | 10,383 | 11.83 | 8,882 | 11.94 |
| Non-Embedded Designated Support—Simplified Test Directions | 6,891 | 7.04 | 8,396 | 8.44 | 8,826 | 10.05 | 6,730 | 9.05 |
| Non-Embedded Designated Support—Translated Test Directions | 1,448 | 1.48 | 1,517 | 1.52 | 1,369 | 1.56 | 1,160 | 1.56 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 11,413 | 11.65 | 14,200 | 14.27 | 15,704 | 17.89 | 14,642 | 19.69 |
| Other—Designated support or accommodation is in Section 504 plan | 223 | 0.23 | 262 | 0.26 | 296 | 0.34 | 221 | 0.30 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—EL Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 43 | 0.06 | 37 | 0.07 | 27 | 0.07 |
| Embedded Accommodation—Braille | 2 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Abacus | 43 | 0.06 | 39 | 0.07 | 20 | 0.05 |
| Non-Embedded Accommodation—Alternate Response Options | 34 | 0.05 | 26 | 0.05 | 16 | 0.04 |
| Non-Embedded Accommodation—Calculator | 5,080 | 7.45 | 4,946 | 8.69 | 2,051 | 5.23 |
| Non-Embedded Accommodation—Multiplication Table | 7,639 | 11.20 | 5,900 | 10.37 | 804 | 2.05 |
| Non-Embedded Accommodation—Print on Demand | 79 | 0.12 | 78 | 0.14 | 54 | 0.14 |
| Non-Embedded Accommodation—Speech-to-Text | 1,081 | 1.58 | 1,035 | 1.82 | 353 | 0.90 |
| Non-Embedded Accommodation—Word Prediction | 385 | 0.56 | 351 | 0.62 | 84 | 0.21 |
| Non-Embedded Accommodation—100s Number Table | 1,230 | 1.80 | 704 | 1.24 | 141 | 0.36 |
| Embedded Designated Support—Color Contrast | 230 | 0.34 | 196 | 0.34 | 306 | 0.78 |
| Embedded Designated Support—Masking | 1,791 | 2.63 | 1,503 | 2.64 | 939 | 2.40 |
| Embedded Designated Support—Mouse Pointer | 110 | 0.16 | 89 | 0.16 | 245 | 0.62 |
| Embedded Designated Support—Permissive Mode | 278 | 0.41 | 262 | 0.46 | 60 | 0.15 |
| Embedded Designated Support—Print Size | 429 | 0.63 | 302 | 0.53 | 152 | 0.39 |
| Embedded Designated Support—Streamlining | 1,171 | 1.72 | 948 | 1.67 | 310 | 0.79 |
| Embedded Designated Support—Text-to-Speech | 17,847 | 26.16 | 14,481 | 25.45 | 4,556 | 11.62 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,582 | 3.78 | 2,534 | 4.45 | 2,186 | 5.58 |
| Embedded Designated Support—Translations (glossary) | 922 | 1.35 | 884 | 1.55 | 1,117 | 2.85 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 85 | 0.12 | 64 | 0.11 | 46 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 104 | 0.15 | 90 | 0.16 | 37 | 0.09 |
| Non-Embedded Designated Support—Color Overlay | 71 | 0.10 | 58 | 0.10 | 40 | 0.10 |
| Non-Embedded Designated Support—Magnification | 271 | 0.40 | 201 | 0.35 | 99 | 0.25 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.01 | 10 | 0.02 | 3 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,485 | 2.18 | 1,056 | 1.86 | 354 | 0.90 |
| Non-Embedded Designated Support—Read Aloud | 3,118 | 4.57 | 2,563 | 4.50 | 1,027 | 2.62 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 688 | 1.01 | 561 | 0.99 | 487 | 1.24 |
| Non-Embedded Designated Support—Scribe | 318 | 0.47 | 208 | 0.37 | 59 | 0.15 |
| Non-Embedded Designated Support—Separate Setting | 7,549 | 11.07 | 6,223 | 10.94 | 3,384 | 8.63 |
| Non-Embedded Designated Support—Simplified Test Directions | 5,544 | 8.13 | 4,494 | 7.90 | 2,646 | 6.75 |
| Non-Embedded Designated Support—Translated Test Directions | 1,355 | 1.99 | 1,220 | 2.14 | 1,259 | 3.21 |
| Other—Unlisted Resources | 14 | 0.02 | 2 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 13,520 | 19.82 | 11,480 | 20.18 | 4,737 | 12.08 |
| Other—Designated support or accommodation is in Section 504 plan | 128 | 0.19 | 141 | 0.25 | 46 | 0.12 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Three Through Six—RFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 8 | 0.01 | 10 | 0.02 | 7 | 0.01 | 8 | 0.01 |
| Embedded Accommodation—Braille | 1 | 0.00 | 2 | 0.00 | 4 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 7 | 0.01 | 10 | 0.02 | 15 | 0.02 | 27 | 0.03 |
| Non-Embedded Accommodation—Alternate Response Options | 6 | 0.01 | 2 | 0.00 | 15 | 0.02 | 19 | 0.02 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 906 | 0.86 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 534 | 0.84 | 1,352 | 1.56 | 2,227 | 2.11 |
| Non-Embedded Accommodation—Print on Demand | 8 | 0.01 | 11 | 0.02 | 28 | 0.03 | 31 | 0.03 |
| Non-Embedded Accommodation—Speech-to-Text | 107 | 0.17 | 121 | 0.19 | 243 | 0.28 | 301 | 0.29 |
| Non-Embedded Accommodation—Word Prediction | 37 | 0.06 | 61 | 0.10 | 139 | 0.16 | 172 | 0.16 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 253 | 0.40 | 553 | 0.64 | 562 | 0.53 |
| Embedded Designated Support—Color Contrast | 97 | 0.15 | 111 | 0.17 | 151 | 0.17 | 348 | 0.33 |
| Embedded Designated Support—Masking | 685 | 1.09 | 629 | 0.99 | 947 | 1.09 | 1,142 | 1.08 |
| Embedded Designated Support—Mouse Pointer | 148 | 0.24 | 105 | 0.16 | 99 | 0.11 | 79 | 0.07 |
| Embedded Designated Support—Permissive Mode | 41 | 0.07 | 93 | 0.15 | 130 | 0.15 | 168 | 0.16 |
| Embedded Designated Support—Print Size | 218 | 0.35 | 153 | 0.24 | 248 | 0.29 | 247 | 0.23 |
| Embedded Designated Support—Streamlining | 217 | 0.35 | 210 | 0.33 | 371 | 0.43 | 485 | 0.46 |
| Embedded Designated Support—Text-to-Speech | 6,046 | 9.65 | 5,449 | 8.56 | 8,339 | 9.62 | 9,506 | 9.01 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 618 | 0.99 | 508 | 0.80 | 523 | 0.60 | 314 | 0.30 |
| Embedded Designated Support—Translations (glossary) | 223 | 0.36 | 296 | 0.46 | 229 | 0.26 | 235 | 0.22 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 51 | 0.08 | 39 | 0.06 | 31 | 0.04 | 36 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 25 | 0.04 | 41 | 0.06 | 20 | 0.02 | 25 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 20 | 0.03 | 9 | 0.01 | 20 | 0.02 | 37 | 0.04 |
| Non-Embedded Designated Support—Magnification | 73 | 0.12 | 98 | 0.15 | 176 | 0.20 | 167 | 0.16 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 4 | 0.01 | 5 | 0.01 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 454 | 0.72 | 457 | 0.72 | 797 | 0.92 | 853 | 0.81 |
| Non-Embedded Designated Support—Read Aloud | 628 | 1.00 | 597 | 0.94 | 981 | 1.13 | 1,134 | 1.07 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 41 | 0.07 | 16 | 0.03 | 27 | 0.03 | 45 | 0.04 |
| Non-Embedded Designated Support—Scribe | 65 | 0.10 | 72 | 0.11 | 134 | 0.15 | 148 | 0.14 |
| Non-Embedded Designated Support—Separate Setting | 771 | 1.23 | 872 | 1.37 | 1,717 | 1.98 | 2,572 | 2.44 |
| Non-Embedded Designated Support—Simplified Test Directions | 928 | 1.48 | 956 | 1.50 | 1,708 | 1.97 | 2,066 | 1.96 |
| Non-Embedded Designated Support—Translated Test Directions | 84 | 0.13 | 57 | 0.09 | 104 | 0.12 | 94 | 0.09 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 1,041 | 1.66 | 1,251 | 1.97 | 2,459 | 2.84 | 3,962 | 3.75 |
| Other—Designated support or accommodation is in Section 504 plan | 47 | 0.08 | 67 | 0.11 | 109 | 0.13 | 111 | 0.11 |

Table 2.B. Special Services Summary for Mathematics PT, Grades Seven, Eight, and Eleven—RFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 12 | 0.01 | 21 | 0.02 | 15 | 0.01 |
| Embedded Accommodation—Braille | 7 | 0.01 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 15 | 0.01 | 21 | 0.02 | 34 | 0.02 |
| Non-Embedded Accommodation—Alternate Response Options | 9 | 0.01 | 15 | 0.01 | 23 | 0.02 |
| Non-Embedded Accommodation—Calculator | 1,560 | 1.28 | 2,256 | 1.70 | 1,510 | 1.05 |
| Non-Embedded Accommodation—Multiplication Table | 2,577 | 2.12 | 2,809 | 2.12 | 542 | 0.38 |
| Non-Embedded Accommodation—Print on Demand | 56 | 0.05 | 43 | 0.03 | 45 | 0.03 |
| Non-Embedded Accommodation—Speech-to-Text | 305 | 0.25 | 465 | 0.35 | 228 | 0.16 |
| Non-Embedded Accommodation—Word Prediction | 130 | 0.11 | 165 | 0.12 | 72 | 0.05 |
| Non-Embedded Accommodation—100s Number Table | 404 | 0.33 | 374 | 0.28 | 103 | 0.07 |
| Embedded Designated Support—Color Contrast | 164 | 0.13 | 225 | 0.17 | 926 | 0.64 |
| Embedded Designated Support—Masking | 998 | 0.82 | 1,120 | 0.84 | 2,281 | 1.58 |
| Embedded Designated Support—Mouse Pointer | 85 | 0.07 | 106 | 0.08 | 860 | 0.60 |
| Embedded Designated Support—Permissive Mode | 176 | 0.14 | 163 | 0.12 | 54 | 0.04 |
| Embedded Designated Support—Print Size | 188 | 0.15 | 212 | 0.16 | 238 | 0.16 |
| Embedded Designated Support—Streamlining | 538 | 0.44 | 525 | 0.40 | 273 | 0.19 |
| Embedded Designated Support—Text-to-Speech | 8,856 | 7.27 | 9,831 | 7.40 | 4,943 | 3.42 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 89 | 0.07 | 91 | 0.07 | 70 | 0.05 |
| Embedded Designated Support—Translations (glossary) | 175 | 0.14 | 261 | 0.20 | 423 | 0.29 |
| Embedded Designated Support—Turn off any Universal Tool | 1 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 54 | 0.04 | 71 | 0.05 | 48 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 26 | 0.02 | 70 | 0.05 | 37 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 14 | 0.01 | 37 | 0.03 | 26 | 0.02 |
| Non-Embedded Designated Support—Magnification | 123 | 0.10 | 151 | 0.11 | 164 | 0.11 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 744 | 0.61 | 821 | 0.62 | 527 | 0.36 |
| Non-Embedded Designated Support—Read Aloud | 893 | 0.73 | 1,141 | 0.86 | 564 | 0.39 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 17 | 0.01 | 22 | 0.02 | 20 | 0.01 |
| Non-Embedded Designated Support—Scribe | 109 | 0.09 | 119 | 0.09 | 40 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 2,981 | 2.45 | 3,598 | 2.71 | 2,959 | 2.05 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,063 | 1.69 | 2,511 | 1.89 | 3,360 | 2.33 |
| Non-Embedded Designated Support—Translated Test Directions | 67 | 0.06 | 92 | 0.07 | 66 | 0.05 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 5,055 | 4.15 | 6,146 | 4.63 | 4,199 | 2.91 |
| Other—Designated support or accommodation is in Section 504 plan | 137 | 0.11 | 140 | 0.11 | 111 | 0.08 |

Table 2.B. Special Services Summary for ELA, Computer Adaptive Test (CAT) Grades Three Through Six—All Tested

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 112 | 0.03 | 137 | 0.03 | 136 | 0.03 | 142 | 0.03 |
| Embedded Accommodation—Audio Transcript | 71 | 0.02 | 53 | 0.01 | 79 | 0.02 | 73 | 0.02 |
| Embedded Accommodation—Braille | 10 | 0.00 | 12 | 0.00 | 18 | 0.00 | 16 | 0.00 |
| Embedded Accommodation—Closed Captioning | 610 | 0.14 | 781 | 0.18 | 1,038 | 0.23 | 1,069 | 0.23 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 20,067 | 4.53 | 24,316 | 5.59 | 27,069 | 5.96 | 26,282 | 5.75 |
| Non-Embedded Accommodation—Alternate Response Options | 114 | 0.03 | 110 | 0.03 | 138 | 0.03 | 111 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 205 | 0.05 | 305 | 0.07 | 366 | 0.08 | 310 | 0.07 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 6,290 | 1.42 | 7,014 | 1.61 | 7,321 | 1.61 | 5,764 | 1.26 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 2,499 | 0.56 | 2,574 | 0.59 | 2,392 | 0.53 | 1,669 | 0.36 |
| Non-Embedded Accommodation—Speech-to-Text | 3,571 | 0.81 | 4,412 | 1.01 | 5,367 | 1.18 | 4,185 | 0.91 |
| Non-Embedded Accommodation—Word Prediction | 1,522 | 0.34 | 1,782 | 0.41 | 2,181 | 0.48 | 1,624 | 0.36 |
| Embedded Designated Support—Color Contrast | 1,171 | 0.26 | 1,353 | 0.31 | 1,418 | 0.31 | 1,543 | 0.34 |
| Embedded Designated Support—Masking | 6,487 | 1.47 | 7,316 | 1.68 | 7,989 | 1.76 | 7,244 | 1.58 |
| Embedded Designated Support—Mouse Pointer | 1,168 | 0.26 | 780 | 0.18 | 725 | 0.16 | 398 | 0.09 |
| Embedded Designated Support—Permissive Mode | 1,178 | 0.27 | 1,432 | 0.33 | 1,561 | 0.34 | 1,322 | 0.29 |
| Embedded Designated Support—Print Size | 2,213 | 0.50 | 1,803 | 0.41 | 2,030 | 0.45 | 1,541 | 0.34 |
| Embedded Designated Support—Streamlining | 3,691 | 0.83 | 3,921 | 0.90 | 4,607 | 1.01 | 4,204 | 0.92 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 65,651 | 14.83 | 67,110 | 15.42 | 69,578 | 15.31 | 60,110 | 13.14 |
| Embedded Designated Support—Turn off any Universal Tool | 9 | 0.00 | 11 | 0.00 | 16 | 0.00 | 10 | 0.00 |
| Non-Embedded Designated Support—Amplification | 519 | 0.12 | 448 | 0.10 | 329 | 0.07 | 256 | 0.06 |
| Non-Embedded Designated Support—Color Contrast | 298 | 0.07 | 364 | 0.08 | 390 | 0.09 | 305 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 286 | 0.06 | 267 | 0.06 | 358 | 0.08 | 351 | 0.08 |
| Non-Embedded Designated Support—Magnification | 914 | 0.21 | 932 | 0.21 | 1,227 | 0.27 | 993 | 0.22 |
| Non-Embedded Designated Support—Medical Device | 36 | 0.01 | 48 | 0.01 | 37 | 0.01 | 49 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 7,262 | 1.64 | 8,508 | 1.95 | 9,590 | 2.11 | 7,265 | 1.59 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 11,207 | 2.53 | 12,203 | 2.80 | 13,178 | 2.90 | 10,153 | 2.22 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 2,323 | 0.52 | 2,376 | 0.55 | 2,432 | 0.54 | 1,842 | 0.40 |
| Non-Embedded Designated Support—Separate Setting | 23,127 | 5.22 | 27,220 | 6.25 | 31,112 | 6.84 | 28,664 | 6.27 |
| Non-Embedded Designated Support—Simplified Test Directions | 18,275 | 4.13 | 20,680 | 4.75 | 22,492 | 4.95 | 18,255 | 3.99 |
| Non-Embedded Designated Support—Translated Test Directions | 1,491 | 0.34 | 1,434 | 0.33 | 1,404 | 0.31 | 1,206 | 0.26 |
| Other—Unlisted Resources | 38 | 0.01 | 16 | 0.00 | 19 | 0.00 | 26 | 0.01 |
| Other—Designated support or accommodation is in IEP | 33,284 | 7.52 | 39,195 | 9.00 | 44,262 | 9.74 | 43,585 | 9.53 |
| Other—Designated support or accommodation is in Section 504 plan | 1,380 | 0.31 | 1,748 | 0.40 | 2,035 | 0.45 | 1,898 | 0.41 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍All Tested

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 163 | 0.03 | 183 | 0.04 | 165 | 0.04 |
| Embedded Accommodation—Audio Transcript | 73 | 0.02 | 103 | 0.02 | 118 | 0.03 |
| Embedded Accommodation—Braille | 20 | 0.00 | 11 | 0.00 | 10 | 0.00 |
| Embedded Accommodation—Closed Captioning | 1,265 | 0.27 | 1,422 | 0.31 | 978 | 0.22 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 24,819 | 5.26 | 22,197 | 4.81 | 7,075 | 1.61 |
| Non-Embedded Accommodation—Alternate Response Options | 121 | 0.03 | 114 | 0.02 | 78 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 318 | 0.07 | 304 | 0.07 | 205 | 0.05 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 4,543 | 0.96 | 3,986 | 0.86 | 1,779 | 0.40 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,081 | 0.23 | 733 | 0.16 | 187 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 3,577 | 0.76 | 3,497 | 0.76 | 1,377 | 0.31 |
| Non-Embedded Accommodation—Word Prediction | 1,200 | 0.25 | 1,210 | 0.26 | 433 | 0.10 |
| Embedded Designated Support—Color Contrast | 940 | 0.20 | 916 | 0.20 | 2,453 | 0.56 |
| Embedded Designated Support—Masking | 6,439 | 1.37 | 5,973 | 1.29 | 6,114 | 1.39 |
| Embedded Designated Support—Mouse Pointer | 330 | 0.07 | 297 | 0.06 | 1,811 | 0.41 |
| Embedded Designated Support—Permissive Mode | 1,025 | 0.22 | 891 | 0.19 | 285 | 0.06 |
| Embedded Designated Support—Print Size | 1,320 | 0.28 | 1,166 | 0.25 | 727 | 0.17 |
| Embedded Designated Support—Streamlining | 3,788 | 0.80 | 3,252 | 0.70 | 1,223 | 0.28 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 52,856 | 11.21 | 47,930 | 10.39 | 18,578 | 4.22 |
| Embedded Designated Support—Turn off any Universal Tool | 10 | 0.00 | 11 | 0.00 | 8 | 0.00 |
| Non-Embedded Designated Support—Amplification | 260 | 0.06 | 289 | 0.06 | 183 | 0.04 |
| Non-Embedded Designated Support—Color Contrast | 327 | 0.07 | 347 | 0.08 | 152 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 240 | 0.05 | 236 | 0.05 | 149 | 0.03 |
| Non-Embedded Designated Support—Magnification | 833 | 0.18 | 760 | 0.16 | 457 | 0.10 |
| Non-Embedded Designated Support—Medical Device | 22 | 0.00 | 29 | 0.01 | 13 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 5,354 | 1.14 | 4,651 | 1.01 | 2,207 | 0.50 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 7,981 | 1.69 | 7,201 | 1.56 | 3,067 | 0.70 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,320 | 0.28 | 1,006 | 0.22 | 313 | 0.07 |
| Non-Embedded Designated Support—Separate Setting | 25,558 | 5.42 | 23,827 | 5.16 | 16,030 | 3.64 |
| Non-Embedded Designated Support—Simplified Test Directions | 15,357 | 3.26 | 14,124 | 3.06 | 11,580 | 2.63 |
| Non-Embedded Designated Support—Translated Test Directions | 1,413 | 0.30 | 1,303 | 0.28 | 1,288 | 0.29 |
| Other—Unlisted Resources | 68 | 0.01 | 76 | 0.02 | 10 | 0.00 |
| Other—Designated support or accommodation is in IEP | 42,393 | 8.99 | 39,590 | 8.58 | 21,203 | 4.82 |
| Other—Designated support or accommodation is in Section 504 plan | 1,607 | 0.34 | 1,707 | 0.37 | 1,103 | 0.25 |

Table 2.B. Special Services Summary for ELA, CAT Grades Three Through Six—Students with No Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Audio Transcript | 3 | 0.00 | 4 | 0.00 | 1 | 0.00 | 7 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Closed Captioning | 4 | 0.00 | 17 | 0.00 | 12 | 0.00 | 16 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 265 | 0.07 | 340 | 0.09 | 413 | 0.10 | 400 | 0.10 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 4 | 0.00 | 9 | 0.00 | 5 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 69 | 0.02 | 102 | 0.03 | 88 | 0.02 | 80 | 0.02 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 71 | 0.02 | 60 | 0.02 | 56 | 0.01 | 49 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 67 | 0.02 | 97 | 0.03 | 83 | 0.02 | 84 | 0.02 |
| Non-Embedded Accommodation—Word Prediction | 9 | 0.00 | 19 | 0.00 | 16 | 0.00 | 14 | 0.00 |
| Embedded Designated Support—Color Contrast | 736 | 0.19 | 698 | 0.18 | 655 | 0.16 | 815 | 0.20 |
| Embedded Designated Support—Masking | 3,118 | 0.80 | 3,002 | 0.79 | 2,926 | 0.74 | 2,404 | 0.60 |
| Embedded Designated Support—Mouse Pointer | 792 | 0.20 | 431 | 0.11 | 396 | 0.10 | 187 | 0.05 |
| Embedded Designated Support—Permissive Mode | 378 | 0.10 | 368 | 0.10 | 314 | 0.08 | 310 | 0.08 |
| Embedded Designated Support—Print Size | 1,352 | 0.35 | 756 | 0.20 | 907 | 0.23 | 490 | 0.12 |
| Embedded Designated Support—Streamlining | 1,134 | 0.29 | 983 | 0.26 | 998 | 0.25 | 800 | 0.20 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 40,699 | 10.40 | 37,558 | 9.84 | 35,837 | 9.02 | 27,233 | 6.77 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 208 | 0.05 | 139 | 0.04 | 56 | 0.01 | 57 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 143 | 0.04 | 118 | 0.03 | 80 | 0.02 | 34 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 136 | 0.03 | 66 | 0.02 | 52 | 0.01 | 47 | 0.01 |
| Non-Embedded Designated Support—Magnification | 483 | 0.12 | 389 | 0.10 | 557 | 0.14 | 326 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 23 | 0.01 | 35 | 0.01 | 29 | 0.01 | 36 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,328 | 0.34 | 1,465 | 0.38 | 1,535 | 0.39 | 1,242 | 0.31 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,316 | 0.85 | 3,151 | 0.83 | 2,400 | 0.60 | 1,579 | 0.39 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 266 | 0.07 | 224 | 0.06 | 154 | 0.04 | 308 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 2,734 | 0.70 | 2,640 | 0.69 | 2,749 | 0.69 | 2,355 | 0.59 |
| Non-Embedded Designated Support—Simplified Test Directions | 4,690 | 1.20 | 4,484 | 1.17 | 4,237 | 1.07 | 3,029 | 0.75 |
| Non-Embedded Designated Support—Translated Test Directions | 1,217 | 0.31 | 1,133 | 0.30 | 1,044 | 0.26 | 908 | 0.23 |
| Other—Unlisted Resources | 1 | 0.00 | 2 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,143 | 0.29 | 1,410 | 0.37 | 1,616 | 0.41 | 1,536 | 0.38 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍Students with No Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Audio Transcript | 3 | 0.00 | 3 | 0.00 | 9 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Closed Captioning | 20 | 0.00 | 20 | 0.00 | 18 | 0.00 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 313 | 0.08 | 299 | 0.07 | 119 | 0.03 |
| Non-Embedded Accommodation—Alternate Response Options | 1 | 0.00 | 2 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.00 | 2 | 0.00 | 2 | 0.00 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 58 | 0.01 | 32 | 0.01 | 20 | 0.01 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 35 | 0.01 | 17 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 61 | 0.01 | 44 | 0.01 | 11 | 0.00 |
| Non-Embedded Accommodation—Word Prediction | 15 | 0.00 | 11 | 0.00 | 8 | 0.00 |
| Embedded Designated Support—Color Contrast | 353 | 0.08 | 383 | 0.09 | 2,119 | 0.53 |
| Embedded Designated Support—Masking | 1,649 | 0.40 | 1,378 | 0.34 | 4,253 | 1.07 |
| Embedded Designated Support—Mouse Pointer | 190 | 0.05 | 181 | 0.04 | 1,600 | 0.40 |
| Embedded Designated Support—Permissive Mode | 218 | 0.05 | 179 | 0.04 | 51 | 0.01 |
| Embedded Designated Support—Print Size | 322 | 0.08 | 244 | 0.06 | 362 | 0.09 |
| Embedded Designated Support—Streamlining | 811 | 0.19 | 517 | 0.13 | 169 | 0.04 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 21,852 | 5.25 | 19,922 | 4.87 | 11,485 | 2.88 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 64 | 0.02 | 86 | 0.02 | 41 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 24 | 0.01 | 101 | 0.02 | 28 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 12 | 0.00 | 45 | 0.01 | 20 | 0.01 |
| Non-Embedded Designated Support—Magnification | 179 | 0.04 | 118 | 0.03 | 154 | 0.04 |
| Non-Embedded Designated Support—Medical Device | 15 | 0.00 | 27 | 0.01 | 9 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 1,044 | 0.25 | 860 | 0.21 | 590 | 0.15 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 1,009 | 0.24 | 856 | 0.21 | 519 | 0.13 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 317 | 0.08 | 244 | 0.06 | 37 | 0.01 |
| Non-Embedded Designated Support—Separate Setting | 1,925 | 0.46 | 1,883 | 0.46 | 1,126 | 0.28 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,350 | 0.56 | 2,268 | 0.55 | 4,836 | 1.21 |
| Non-Embedded Designated Support—Translated Test Directions | 1,034 | 0.25 | 996 | 0.24 | 1,052 | 0.26 |
| Other—Unlisted Resources | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,340 | 0.32 | 1,365 | 0.33 | 914 | 0.23 |

Table 2.B. Special Services Summary for ELA, CAT Grades Three Through Six—Students with Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 112 | 0.22 | 135 | 0.25 | 136 | 0.24 | 142 | 0.26 |
| Embedded Accommodation—Audio Transcript | 68 | 0.13 | 49 | 0.09 | 78 | 0.14 | 66 | 0.12 |
| Embedded Accommodation—Braille | 10 | 0.02 | 12 | 0.02 | 18 | 0.03 | 16 | 0.03 |
| Embedded Accommodation—Closed Captioning | 606 | 1.18 | 764 | 1.43 | 1,026 | 1.80 | 1,053 | 1.91 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 19,802 | 38.71 | 23,976 | 44.75 | 26,656 | 46.65 | 25,882 | 46.87 |
| Non-Embedded Accommodation—Alternate Response Options | 114 | 0.22 | 107 | 0.20 | 135 | 0.24 | 109 | 0.20 |
| Non-Embedded Accommodation—Print on Demand | 201 | 0.39 | 296 | 0.55 | 361 | 0.63 | 303 | 0.55 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 6,221 | 12.16 | 6,912 | 12.90 | 7,233 | 12.66 | 5,684 | 10.29 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 2,428 | 4.75 | 2,514 | 4.69 | 2,336 | 4.09 | 1,620 | 2.93 |
| Non-Embedded Accommodation—Speech-to-Text | 3,504 | 6.85 | 4,315 | 8.05 | 5,284 | 9.25 | 4,101 | 7.43 |
| Non-Embedded Accommodation—Word Prediction | 1,513 | 2.96 | 1,763 | 3.29 | 2,165 | 3.79 | 1,610 | 2.92 |
| Embedded Designated Support—Color Contrast | 435 | 0.85 | 655 | 1.22 | 763 | 1.34 | 728 | 1.32 |
| Embedded Designated Support—Masking | 3,369 | 6.59 | 4,314 | 8.05 | 5,063 | 8.86 | 4,840 | 8.76 |
| Embedded Designated Support—Mouse Pointer | 376 | 0.74 | 349 | 0.65 | 329 | 0.58 | 211 | 0.38 |
| Embedded Designated Support—Permissive Mode | 800 | 1.56 | 1,064 | 1.99 | 1,247 | 2.18 | 1,012 | 1.83 |
| Embedded Designated Support—Print Size | 861 | 1.68 | 1,047 | 1.95 | 1,123 | 1.97 | 1,051 | 1.90 |
| Embedded Designated Support—Streamlining | 2,557 | 5.00 | 2,938 | 5.48 | 3,609 | 6.32 | 3,404 | 6.16 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 24,952 | 48.78 | 29,552 | 55.15 | 33,741 | 59.05 | 32,877 | 59.54 |
| Embedded Designated Support—Turn off any Universal Tool | 9 | 0.02 | 11 | 0.02 | 16 | 0.03 | 10 | 0.02 |
| Non-Embedded Designated Support—Amplification | 311 | 0.61 | 309 | 0.58 | 273 | 0.48 | 199 | 0.36 |
| Non-Embedded Designated Support—Color Contrast | 155 | 0.30 | 246 | 0.46 | 310 | 0.54 | 271 | 0.49 |
| Non-Embedded Designated Support—Color Overlay | 150 | 0.29 | 201 | 0.38 | 306 | 0.54 | 304 | 0.55 |
| Non-Embedded Designated Support—Magnification | 431 | 0.84 | 543 | 1.01 | 670 | 1.17 | 667 | 1.21 |
| Non-Embedded Designated Support—Medical Device | 13 | 0.03 | 13 | 0.02 | 8 | 0.01 | 13 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 5,934 | 11.60 | 7,043 | 13.14 | 8,055 | 14.10 | 6,023 | 10.91 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 7,891 | 15.43 | 9,052 | 16.89 | 10,778 | 18.86 | 8,574 | 15.53 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 2,057 | 4.02 | 2,152 | 4.02 | 2,278 | 3.99 | 1,534 | 2.78 |
| Non-Embedded Designated Support—Separate Setting | 20,393 | 39.86 | 24,580 | 45.87 | 28,363 | 49.64 | 26,309 | 47.64 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,585 | 26.56 | 16,196 | 30.23 | 18,255 | 31.95 | 15,226 | 27.57 |
| Non-Embedded Designated Support—Translated Test Directions | 274 | 0.54 | 301 | 0.56 | 360 | 0.63 | 298 | 0.54 |
| Other—Unlisted Resources | 37 | 0.07 | 14 | 0.03 | 18 | 0.03 | 25 | 0.05 |
| Other—Designated support or accommodation is in IEP | 33,284 | 65.06 | 39,195 | 73.15 | 44,262 | 77.47 | 43,585 | 78.93 |
| Other—Designated support or accommodation is in Section 504 plan | 237 | 0.46 | 338 | 0.63 | 419 | 0.73 | 362 | 0.66 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍Students with Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 163 | 0.30 | 183 | 0.35 | 165 | 0.40 |
| Embedded Accommodation—Audio Transcript | 70 | 0.13 | 100 | 0.19 | 109 | 0.26 |
| Embedded Accommodation—Braille | 20 | 0.04 | 11 | 0.02 | 10 | 0.02 |
| Embedded Accommodation—Closed Captioning | 1,245 | 2.27 | 1,402 | 2.68 | 960 | 2.32 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 24,506 | 44.66 | 21,898 | 41.83 | 6,956 | 16.81 |
| Non-Embedded Accommodation—Alternate Response Options | 120 | 0.22 | 112 | 0.21 | 71 | 0.17 |
| Non-Embedded Accommodation—Print on Demand | 315 | 0.57 | 302 | 0.58 | 203 | 0.49 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 4,485 | 8.17 | 3,954 | 7.55 | 1,759 | 4.25 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,046 | 1.91 | 716 | 1.37 | 183 | 0.44 |
| Non-Embedded Accommodation—Speech-to-Text | 3,516 | 6.41 | 3,453 | 6.60 | 1,366 | 3.30 |
| Non-Embedded Accommodation—Word Prediction | 1,185 | 2.16 | 1,199 | 2.29 | 425 | 1.03 |
| Embedded Designated Support—Color Contrast | 587 | 1.07 | 533 | 1.02 | 334 | 0.81 |
| Embedded Designated Support—Masking | 4,790 | 8.73 | 4,595 | 8.78 | 1,861 | 4.50 |
| Embedded Designated Support—Mouse Pointer | 140 | 0.26 | 116 | 0.22 | 211 | 0.51 |
| Embedded Designated Support—Permissive Mode | 807 | 1.47 | 712 | 1.36 | 234 | 0.57 |
| Embedded Designated Support—Print Size | 998 | 1.82 | 922 | 1.76 | 365 | 0.88 |
| Embedded Designated Support—Streamlining | 2,977 | 5.42 | 2,735 | 5.22 | 1,054 | 2.55 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 31,004 | 56.50 | 28,008 | 53.50 | 7,093 | 17.15 |
| Embedded Designated Support—Turn off any Universal Tool | 10 | 0.02 | 11 | 0.02 | 8 | 0.02 |
| Non-Embedded Designated Support—Amplification | 196 | 0.36 | 203 | 0.39 | 142 | 0.34 |
| Non-Embedded Designated Support—Color Contrast | 303 | 0.55 | 246 | 0.47 | 124 | 0.30 |
| Non-Embedded Designated Support—Color Overlay | 228 | 0.42 | 191 | 0.36 | 129 | 0.31 |
| Non-Embedded Designated Support—Magnification | 654 | 1.19 | 642 | 1.23 | 303 | 0.73 |
| Non-Embedded Designated Support—Medical Device | 7 | 0.01 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 4,310 | 7.85 | 3,791 | 7.24 | 1,617 | 3.91 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 6,972 | 12.71 | 6,345 | 12.12 | 2,548 | 6.16 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,003 | 1.83 | 762 | 1.46 | 276 | 0.67 |
| Non-Embedded Designated Support—Separate Setting | 23,633 | 43.07 | 21,944 | 41.92 | 14,904 | 36.03 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,007 | 23.70 | 11,856 | 22.65 | 6,744 | 16.30 |
| Non-Embedded Designated Support—Translated Test Directions | 379 | 0.69 | 307 | 0.59 | 236 | 0.57 |
| Other—Unlisted Resources | 68 | 0.12 | 74 | 0.14 | 10 | 0.02 |
| Other—Designated support or accommodation is in IEP | 42,393 | 77.25 | 39,590 | 75.62 | 21,203 | 51.25 |
| Other—Designated support or accommodation is in Section 504 plan | 267 | 0.49 | 342 | 0.65 | 189 | 0.46 |

Table 2.B. Special Services Summary for ELA CAT, Grades Three Through Six—EO Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 78 | 0.03 | 102 | 0.04 | 92 | 0.03 | 104 | 0.04 |
| Embedded Accommodation—Audio Transcript | 39 | 0.01 | 34 | 0.01 | 38 | 0.01 | 35 | 0.01 |
| Embedded Accommodation—Braille | 7 | 0.00 | 8 | 0.00 | 12 | 0.00 | 6 | 0.00 |
| Embedded Accommodation—Closed Captioning | 374 | 0.14 | 442 | 0.17 | 597 | 0.23 | 567 | 0.22 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 12,197 | 4.56 | 14,006 | 5.45 | 15,164 | 5.75 | 14,387 | 5.51 |
| Non-Embedded Accommodation—Alternate Response Options | 80 | 0.03 | 73 | 0.03 | 86 | 0.03 | 70 | 0.03 |
| Non-Embedded Accommodation—Print on Demand | 135 | 0.05 | 186 | 0.07 | 223 | 0.08 | 185 | 0.07 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 3,699 | 1.38 | 3,982 | 1.55 | 3,956 | 1.50 | 3,061 | 1.17 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 1,654 | 0.62 | 1,673 | 0.65 | 1,534 | 0.58 | 1,067 | 0.41 |
| Non-Embedded Accommodation—Speech-to-Text | 2,313 | 0.86 | 2,745 | 1.07 | 3,245 | 1.23 | 2,561 | 0.98 |
| Non-Embedded Accommodation—Word Prediction | 976 | 0.36 | 1,090 | 0.42 | 1,291 | 0.49 | 933 | 0.36 |
| Embedded Designated Support—Color Contrast | 677 | 0.25 | 747 | 0.29 | 785 | 0.30 | 769 | 0.29 |
| Embedded Designated Support—Masking | 3,627 | 1.35 | 4,017 | 1.56 | 4,434 | 1.68 | 3,888 | 1.49 |
| Embedded Designated Support—Mouse Pointer | 618 | 0.23 | 380 | 0.15 | 404 | 0.15 | 186 | 0.07 |
| Embedded Designated Support—Permissive Mode | 746 | 0.28 | 864 | 0.34 | 931 | 0.35 | 803 | 0.31 |
| Embedded Designated Support—Print Size | 1,113 | 0.42 | 938 | 0.36 | 1,096 | 0.42 | 810 | 0.31 |
| Embedded Designated Support—Streamlining | 2,289 | 0.85 | 2,231 | 0.87 | 2,566 | 0.97 | 2,291 | 0.88 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 32,923 | 12.30 | 32,082 | 12.48 | 33,311 | 12.63 | 28,371 | 10.87 |
| Embedded Designated Support—Turn off any Universal Tool | 7 | 0.00 | 7 | 0.00 | 11 | 0.00 | 4 | 0.00 |
| Non-Embedded Designated Support—Amplification | 264 | 0.10 | 202 | 0.08 | 156 | 0.06 | 129 | 0.05 |
| Non-Embedded Designated Support—Color Contrast | 170 | 0.06 | 200 | 0.08 | 245 | 0.09 | 191 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 180 | 0.07 | 156 | 0.06 | 219 | 0.08 | 200 | 0.08 |
| Non-Embedded Designated Support—Magnification | 520 | 0.19 | 485 | 0.19 | 608 | 0.23 | 526 | 0.20 |
| Non-Embedded Designated Support—Medical Device | 29 | 0.01 | 38 | 0.01 | 25 | 0.01 | 42 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 4,562 | 1.70 | 5,143 | 2.00 | 5,670 | 2.15 | 4,266 | 1.63 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 6,133 | 2.29 | 6,378 | 2.48 | 6,840 | 2.59 | 5,135 | 1.97 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 1,537 | 0.57 | 1,518 | 0.59 | 1,581 | 0.60 | 1,163 | 0.45 |
| Non-Embedded Designated Support—Separate Setting | 14,857 | 5.55 | 16,928 | 6.59 | 18,866 | 7.15 | 17,011 | 6.52 |
| Non-Embedded Designated Support—Simplified Test Directions | 10,475 | 3.91 | 11,329 | 4.41 | 11,940 | 4.53 | 9,459 | 3.62 |
| Non-Embedded Designated Support—Translated Test Directions | 175 | 0.07 | 102 | 0.04 | 150 | 0.06 | 192 | 0.07 |
| Other—Unlisted Resources | 24 | 0.01 | 14 | 0.01 | 11 | 0.00 | 18 | 0.01 |
| Other—Designated support or accommodation is in IEP | 20,617 | 7.70 | 23,505 | 9.14 | 25,841 | 9.80 | 24,784 | 9.50 |
| Other—Designated support or accommodation is in Section 504 plan | 1,100 | 0.41 | 1,407 | 0.55 | 1,608 | 0.61 | 1,546 | 0.59 |

Table 2.B. Special Services Summary for ELA CAT, Grades Seven, Eight, and Eleven—‍EO Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 104 | 0.04 | 118 | 0.05 | 110 | 0.05 |
| Embedded Accommodation—Audio Transcript | 39 | 0.01 | 47 | 0.02 | 55 | 0.02 |
| Embedded Accommodation—Braille | 11 | 0.00 | 3 | 0.00 | 5 | 0.00 |
| Embedded Accommodation—Closed Captioning | 615 | 0.23 | 666 | 0.26 | 466 | 0.20 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 13,403 | 5.10 | 11,838 | 4.68 | 3,880 | 1.67 |
| Non-Embedded Accommodation—Alternate Response Options | 76 | 0.03 | 70 | 0.03 | 34 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 180 | 0.07 | 181 | 0.07 | 97 | 0.04 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 2,414 | 0.92 | 2,027 | 0.80 | 932 | 0.40 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 723 | 0.27 | 472 | 0.19 | 134 | 0.06 |
| Non-Embedded Accommodation—Speech-to-Text | 2,154 | 0.82 | 1,970 | 0.78 | 772 | 0.33 |
| Non-Embedded Accommodation—Word Prediction | 664 | 0.25 | 704 | 0.28 | 264 | 0.11 |
| Embedded Designated Support—Color Contrast | 544 | 0.21 | 480 | 0.19 | 1,111 | 0.48 |
| Embedded Designated Support—Masking | 3,633 | 1.38 | 3,337 | 1.32 | 2,665 | 1.14 |
| Embedded Designated Support—Mouse Pointer | 135 | 0.05 | 110 | 0.04 | 655 | 0.28 |
| Embedded Designated Support—Permissive Mode | 578 | 0.22 | 490 | 0.19 | 169 | 0.07 |
| Embedded Designated Support—Print Size | 689 | 0.26 | 643 | 0.25 | 307 | 0.13 |
| Embedded Designated Support—Streamlining | 2,056 | 0.78 | 1,770 | 0.70 | 634 | 0.27 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 25,896 | 9.85 | 23,175 | 9.16 | 8,584 | 3.69 |
| Embedded Designated Support—Turn off any Universal Tool | 6 | 0.00 | 3 | 0.00 | 5 | 0.00 |
| Non-Embedded Designated Support—Amplification | 114 | 0.04 | 147 | 0.06 | 84 | 0.04 |
| Non-Embedded Designated Support—Color Contrast | 193 | 0.07 | 181 | 0.07 | 73 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 148 | 0.06 | 138 | 0.05 | 77 | 0.03 |
| Non-Embedded Designated Support—Magnification | 422 | 0.16 | 398 | 0.16 | 185 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 16 | 0.01 | 14 | 0.01 | 8 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 3,085 | 1.17 | 2,756 | 1.09 | 1,270 | 0.55 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,944 | 1.50 | 3,477 | 1.37 | 1,448 | 0.62 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 885 | 0.34 | 673 | 0.27 | 203 | 0.09 |
| Non-Embedded Designated Support—Separate Setting | 14,804 | 5.63 | 13,809 | 5.46 | 9,496 | 4.08 |
| Non-Embedded Designated Support—Simplified Test Directions | 7,737 | 2.94 | 7,068 | 2.79 | 5,397 | 2.32 |
| Non-Embedded Designated Support—Translated Test Directions | 224 | 0.09 | 193 | 0.08 | 28 | 0.01 |
| Other—Unlisted Resources | 45 | 0.02 | 53 | 0.02 | 7 | 0.00 |
| Other—Designated support or accommodation is in IEP | 23,653 | 8.99 | 21,831 | 8.63 | 12,120 | 5.20 |
| Other—Designated support or accommodation is in Section 504 plan | 1,324 | 0.50 | 1,392 | 0.55 | 920 | 0.40 |

Table 2.B. Special Services Summary for ELA, CAT Grades Three Through Six—IFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 | 1 | 0.01 |
| Embedded Accommodation—Audio Transcript | 1 | 0.01 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Closed Captioning | 9 | 0.06 | 14 | 0.08 | 12 | 0.07 | 19 | 0.11 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 119 | 0.73 | 177 | 1.04 | 194 | 1.08 | 178 | 0.99 |
| Non-Embedded Accommodation—Alternate Response Options | 2 | 0.01 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Print on Demand | 1 | 0.01 | 3 | 0.02 | 4 | 0.02 | 1 | 0.01 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 35 | 0.22 | 48 | 0.28 | 53 | 0.29 | 26 | 0.14 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 17 | 0.10 | 20 | 0.12 | 26 | 0.14 | 14 | 0.08 |
| Non-Embedded Accommodation—Speech-to-Text | 27 | 0.17 | 42 | 0.25 | 43 | 0.24 | 25 | 0.14 |
| Non-Embedded Accommodation—Word Prediction | 11 | 0.07 | 14 | 0.08 | 11 | 0.06 | 6 | 0.03 |
| Embedded Designated Support—Color Contrast | 23 | 0.14 | 27 | 0.16 | 17 | 0.09 | 27 | 0.15 |
| Embedded Designated Support—Masking | 102 | 0.63 | 104 | 0.61 | 101 | 0.56 | 98 | 0.54 |
| Embedded Designated Support—Mouse Pointer | 28 | 0.17 | 14 | 0.08 | 17 | 0.09 | 5 | 0.03 |
| Embedded Designated Support—Permissive Mode | 9 | 0.06 | 31 | 0.18 | 21 | 0.12 | 14 | 0.08 |
| Embedded Designated Support—Print Size | 29 | 0.18 | 18 | 0.11 | 23 | 0.13 | 14 | 0.08 |
| Embedded Designated Support—Streamlining | 47 | 0.29 | 36 | 0.21 | 33 | 0.18 | 28 | 0.16 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 1,066 | 6.56 | 1,047 | 6.15 | 1,081 | 6.01 | 837 | 4.64 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 10 | 0.06 | 4 | 0.02 | 1 | 0.01 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Contrast | 7 | 0.04 | 9 | 0.05 | 6 | 0.03 | 2 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 6 | 0.04 | 2 | 0.01 | 4 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Magnification | 16 | 0.10 | 13 | 0.08 | 18 | 0.10 | 5 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 1 | 0.01 | 4 | 0.02 | 3 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 87 | 0.54 | 113 | 0.66 | 144 | 0.80 | 103 | 0.57 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 105 | 0.65 | 113 | 0.66 | 132 | 0.73 | 72 | 0.40 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 16 | 0.10 | 21 | 0.12 | 24 | 0.13 | 14 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 179 | 1.10 | 274 | 1.61 | 343 | 1.91 | 272 | 1.51 |
| Non-Embedded Designated Support—Simplified Test Directions | 152 | 0.94 | 206 | 1.21 | 223 | 1.24 | 152 | 0.84 |
| Non-Embedded Designated Support—Translated Test Directions | 21 | 0.13 | 14 | 0.08 | 20 | 0.11 | 2 | 0.01 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.01 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 238 | 1.46 | 348 | 2.04 | 416 | 2.31 | 362 | 2.01 |
| Other—Designated support or accommodation is in Section 504 plan | 26 | 0.16 | 38 | 0.22 | 36 | 0.20 | 27 | 0.15 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍IFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 5 | 0.02 | 7 | 0.03 | 2 | 0.01 |
| Embedded Accommodation—Audio Transcript | 0 | 0.00 | 0 | 0.00 | 3 | 0.01 |
| Embedded Accommodation—Braille | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Closed Captioning | 26 | 0.13 | 28 | 0.14 | 18 | 0.08 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 169 | 0.84 | 168 | 0.84 | 85 | 0.37 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 1 | 0.00 | 3 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.01 | 4 | 0.02 | 9 | 0.04 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 25 | 0.12 | 31 | 0.15 | 15 | 0.07 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 4 | 0.02 | 8 | 0.04 | 3 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 22 | 0.11 | 27 | 0.13 | 17 | 0.07 |
| Non-Embedded Accommodation—Word Prediction | 4 | 0.02 | 7 | 0.03 | 7 | 0.03 |
| Embedded Designated Support—Color Contrast | 15 | 0.07 | 17 | 0.08 | 71 | 0.31 |
| Embedded Designated Support—Masking | 73 | 0.36 | 71 | 0.35 | 172 | 0.75 |
| Embedded Designated Support—Mouse Pointer | 7 | 0.03 | 2 | 0.01 | 48 | 0.21 |
| Embedded Designated Support—Permissive Mode | 10 | 0.05 | 5 | 0.02 | 3 | 0.01 |
| Embedded Designated Support—Print Size | 16 | 0.08 | 13 | 0.06 | 17 | 0.07 |
| Embedded Designated Support—Streamlining | 34 | 0.17 | 27 | 0.13 | 26 | 0.11 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 727 | 3.63 | 653 | 3.26 | 492 | 2.14 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 4 | 0.02 | 7 | 0.03 | 3 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 3 | 0.01 | 8 | 0.04 | 3 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 4 | 0.02 | 3 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Magnification | 11 | 0.05 | 7 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 69 | 0.34 | 50 | 0.25 | 42 | 0.18 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 54 | 0.27 | 61 | 0.30 | 47 | 0.20 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 8 | 0.04 | 6 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 281 | 1.40 | 273 | 1.36 | 249 | 1.08 |
| Non-Embedded Designated Support—Simplified Test Directions | 123 | 0.61 | 140 | 0.70 | 211 | 0.92 |
| Non-Embedded Designated Support—Translated Test Directions | 9 | 0.04 | 11 | 0.05 | 6 | 0.03 |
| Other—Unlisted Resources | 0 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 374 | 1.87 | 371 | 1.85 | 303 | 1.32 |
| Other—Designated support or accommodation is in Section 504 plan | 29 | 0.14 | 35 | 0.17 | 35 | 0.15 |

Table 2.B. Special Services Summary for ELA, CAT Grades Three Through Six—EL Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 25 | 0.03 | 23 | 0.02 | 32 | 0.04 | 27 | 0.04 |
| Embedded Accommodation—Audio Transcript | 23 | 0.02 | 13 | 0.01 | 31 | 0.04 | 25 | 0.03 |
| Embedded Accommodation—Braille | 2 | 0.00 | 1 | 0.00 | 2 | 0.00 | 7 | 0.01 |
| Embedded Accommodation—Closed Captioning | 188 | 0.20 | 286 | 0.29 | 350 | 0.41 | 345 | 0.48 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 7,248 | 7.58 | 9,469 | 9.74 | 10,337 | 12.06 | 9,517 | 13.14 |
| Non-Embedded Accommodation—Alternate Response Options | 26 | 0.03 | 35 | 0.04 | 36 | 0.04 | 21 | 0.03 |
| Non-Embedded Accommodation—Print on Demand | 61 | 0.06 | 106 | 0.11 | 113 | 0.13 | 93 | 0.13 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 2,383 | 2.49 | 2,796 | 2.88 | 2,911 | 3.40 | 2,159 | 2.98 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 751 | 0.79 | 803 | 0.83 | 699 | 0.82 | 466 | 0.64 |
| Non-Embedded Accommodation—Speech-to-Text | 1,121 | 1.17 | 1,500 | 1.54 | 1,835 | 2.14 | 1,301 | 1.80 |
| Non-Embedded Accommodation—Word Prediction | 496 | 0.52 | 615 | 0.63 | 739 | 0.86 | 513 | 0.71 |
| Embedded Designated Support—Color Contrast | 374 | 0.39 | 470 | 0.48 | 457 | 0.53 | 416 | 0.57 |
| Embedded Designated Support—Masking | 2,105 | 2.20 | 2,593 | 2.67 | 2,540 | 2.96 | 2,133 | 2.95 |
| Embedded Designated Support—Mouse Pointer | 372 | 0.39 | 286 | 0.29 | 207 | 0.24 | 127 | 0.18 |
| Embedded Designated Support—Permissive Mode | 382 | 0.40 | 437 | 0.45 | 483 | 0.56 | 338 | 0.47 |
| Embedded Designated Support—Print Size | 861 | 0.90 | 697 | 0.72 | 661 | 0.77 | 475 | 0.66 |
| Embedded Designated Support—Streamlining | 1,137 | 1.19 | 1,442 | 1.48 | 1,637 | 1.91 | 1,408 | 1.94 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 25,660 | 26.85 | 28,597 | 29.42 | 26,985 | 31.48 | 21,420 | 29.58 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 1 | 0.00 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Amplification | 193 | 0.20 | 200 | 0.21 | 141 | 0.16 | 87 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 96 | 0.10 | 112 | 0.12 | 120 | 0.14 | 86 | 0.12 |
| Non-Embedded Designated Support—Color Overlay | 80 | 0.08 | 100 | 0.10 | 115 | 0.13 | 112 | 0.15 |
| Non-Embedded Designated Support—Magnification | 305 | 0.32 | 339 | 0.35 | 424 | 0.49 | 293 | 0.40 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.00 | 2 | 0.00 | 5 | 0.01 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 2,190 | 2.29 | 2,813 | 2.89 | 3,017 | 3.52 | 2,061 | 2.85 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 4,298 | 4.50 | 5,104 | 5.25 | 5,222 | 6.09 | 3,806 | 5.26 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 706 | 0.74 | 762 | 0.78 | 696 | 0.81 | 513 | 0.71 |
| Non-Embedded Designated Support—Separate Setting | 7,346 | 7.69 | 9,158 | 9.42 | 10,230 | 11.93 | 8,812 | 12.17 |
| Non-Embedded Designated Support—Simplified Test Directions | 6,744 | 7.06 | 8,204 | 8.44 | 8,663 | 10.11 | 6,599 | 9.11 |
| Non-Embedded Designated Support—Translated Test Directions | 1,210 | 1.27 | 1,259 | 1.30 | 1,128 | 1.32 | 912 | 1.26 |
| Other—Unlisted Resources | 14 | 0.01 | 2 | 0.00 | 7 | 0.01 | 7 | 0.01 |
| Other—Designated support or accommodation is in IEP | 11,378 | 11.90 | 14,084 | 14.49 | 15,556 | 18.15 | 14,512 | 20.04 |
| Other—Designated support or accommodation is in Section 504 plan | 209 | 0.22 | 244 | 0.25 | 286 | 0.33 | 213 | 0.29 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍EL Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 41 | 0.06 | 36 | 0.07 | 30 | 0.08 |
| Embedded Accommodation—Audio Transcript | 29 | 0.04 | 36 | 0.07 | 30 | 0.08 |
| Embedded Accommodation—Braille | 2 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Embedded Accommodation—Closed Captioning | 428 | 0.65 | 396 | 0.72 | 252 | 0.65 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 8,434 | 12.73 | 6,936 | 12.56 | 1,805 | 4.66 |
| Non-Embedded Accommodation—Alternate Response Options | 36 | 0.05 | 28 | 0.05 | 18 | 0.05 |
| Non-Embedded Accommodation—Print on Demand | 82 | 0.12 | 77 | 0.14 | 55 | 0.14 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 1,665 | 2.51 | 1,352 | 2.45 | 518 | 1.34 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 281 | 0.42 | 168 | 0.30 | 29 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 1,094 | 1.65 | 1,031 | 1.87 | 360 | 0.93 |
| Non-Embedded Accommodation—Word Prediction | 400 | 0.60 | 341 | 0.62 | 87 | 0.22 |
| Embedded Designated Support—Color Contrast | 216 | 0.33 | 198 | 0.36 | 310 | 0.80 |
| Embedded Designated Support—Masking | 1,757 | 2.65 | 1,475 | 2.67 | 964 | 2.49 |
| Embedded Designated Support—Mouse Pointer | 103 | 0.16 | 82 | 0.15 | 237 | 0.61 |
| Embedded Designated Support—Permissive Mode | 267 | 0.40 | 243 | 0.44 | 57 | 0.15 |
| Embedded Designated Support—Print Size | 426 | 0.64 | 301 | 0.54 | 149 | 0.38 |
| Embedded Designated Support—Streamlining | 1,155 | 1.74 | 926 | 1.68 | 292 | 0.75 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 17,356 | 26.20 | 14,109 | 25.55 | 4,403 | 11.37 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 2 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 85 | 0.13 | 63 | 0.11 | 47 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 103 | 0.16 | 90 | 0.16 | 38 | 0.10 |
| Non-Embedded Designated Support—Color Overlay | 73 | 0.11 | 59 | 0.11 | 44 | 0.11 |
| Non-Embedded Designated Support—Magnification | 276 | 0.42 | 205 | 0.37 | 101 | 0.26 |
| Non-Embedded Designated Support—Medical Device | 3 | 0.00 | 10 | 0.02 | 2 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,469 | 2.22 | 1,040 | 1.88 | 368 | 0.95 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 3,079 | 4.65 | 2,530 | 4.58 | 1,005 | 2.60 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 316 | 0.48 | 205 | 0.37 | 63 | 0.16 |
| Non-Embedded Designated Support—Separate Setting | 7,497 | 11.32 | 6,183 | 11.20 | 3,348 | 8.65 |
| Non-Embedded Designated Support—Simplified Test Directions | 5,451 | 8.23 | 4,428 | 8.02 | 2,611 | 6.74 |
| Non-Embedded Designated Support—Translated Test Directions | 1,103 | 1.67 | 1,001 | 1.81 | 1,177 | 3.04 |
| Other—Unlisted Resources | 21 | 0.03 | 17 | 0.03 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 13,386 | 20.21 | 11,335 | 20.52 | 4,678 | 12.08 |
| Other—Designated support or accommodation is in Section 504 plan | 119 | 0.18 | 136 | 0.25 | 39 | 0.10 |

Table 2.B. Special Services Summary for ELA, CAT Grades Three Through Six—RFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 8 | 0.01 | 10 | 0.02 | 7 | 0.01 | 9 | 0.01 |
| Embedded Accommodation—Audio Transcript | 8 | 0.01 | 6 | 0.01 | 10 | 0.01 | 13 | 0.01 |
| Embedded Accommodation—Braille | 1 | 0.00 | 3 | 0.00 | 4 | 0.00 | 3 | 0.00 |
| Embedded Accommodation—Closed Captioning | 39 | 0.06 | 36 | 0.06 | 76 | 0.09 | 137 | 0.13 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 490 | 0.78 | 652 | 1.02 | 1,366 | 1.57 | 2,192 | 2.08 |
| Non-Embedded Accommodation—Alternate Response Options | 6 | 0.01 | 2 | 0.00 | 15 | 0.02 | 20 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 8 | 0.01 | 10 | 0.02 | 26 | 0.03 | 31 | 0.03 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 168 | 0.27 | 184 | 0.29 | 398 | 0.46 | 514 | 0.49 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 72 | 0.11 | 77 | 0.12 | 133 | 0.15 | 119 | 0.11 |
| Non-Embedded Accommodation—Speech-to-Text | 106 | 0.17 | 122 | 0.19 | 243 | 0.28 | 298 | 0.28 |
| Non-Embedded Accommodation—Word Prediction | 38 | 0.06 | 61 | 0.10 | 138 | 0.16 | 171 | 0.16 |
| Embedded Designated Support—Color Contrast | 97 | 0.15 | 109 | 0.17 | 159 | 0.18 | 331 | 0.31 |
| Embedded Designated Support—Masking | 650 | 1.04 | 596 | 0.94 | 909 | 1.05 | 1,121 | 1.06 |
| Embedded Designated Support—Mouse Pointer | 149 | 0.24 | 100 | 0.16 | 95 | 0.11 | 80 | 0.08 |
| Embedded Designated Support—Permissive Mode | 40 | 0.06 | 100 | 0.16 | 126 | 0.15 | 167 | 0.16 |
| Embedded Designated Support—Print Size | 209 | 0.33 | 150 | 0.24 | 249 | 0.29 | 241 | 0.23 |
| Embedded Designated Support—Streamlining | 216 | 0.34 | 210 | 0.33 | 370 | 0.43 | 475 | 0.45 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 5,965 | 9.52 | 5,353 | 8.40 | 8,178 | 9.43 | 9,458 | 8.95 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Non-Embedded Designated Support—Amplification | 51 | 0.08 | 40 | 0.06 | 31 | 0.04 | 36 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 25 | 0.04 | 43 | 0.07 | 19 | 0.02 | 26 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 20 | 0.03 | 9 | 0.01 | 20 | 0.02 | 39 | 0.04 |
| Non-Embedded Designated Support—Magnification | 73 | 0.12 | 94 | 0.15 | 176 | 0.20 | 169 | 0.16 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 4 | 0.01 | 4 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 420 | 0.67 | 436 | 0.68 | 756 | 0.87 | 834 | 0.79 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 664 | 1.06 | 602 | 0.94 | 978 | 1.13 | 1,137 | 1.08 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 64 | 0.10 | 73 | 0.11 | 131 | 0.15 | 149 | 0.14 |
| Non-Embedded Designated Support—Separate Setting | 733 | 1.17 | 844 | 1.32 | 1,662 | 1.92 | 2,557 | 2.42 |
| Non-Embedded Designated Support—Simplified Test Directions | 897 | 1.43 | 929 | 1.46 | 1,656 | 1.91 | 2,038 | 1.93 |
| Non-Embedded Designated Support—Translated Test Directions | 85 | 0.14 | 58 | 0.09 | 104 | 0.12 | 98 | 0.09 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 1,033 | 1.65 | 1,240 | 1.95 | 2,433 | 2.80 | 3,916 | 3.71 |
| Other—Designated support or accommodation is in Section 504 plan | 44 | 0.07 | 58 | 0.09 | 105 | 0.12 | 111 | 0.11 |

Table 2.B. Special Services Summary for ELA, CAT Grades Seven, Eight, and Eleven—‍RFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 12 | 0.01 | 21 | 0.02 | 19 | 0.01 |
| Embedded Accommodation—Audio Transcript | 5 | 0.00 | 20 | 0.02 | 29 | 0.02 |
| Embedded Accommodation—Braille | 7 | 0.01 | 5 | 0.00 | 4 | 0.00 |
| Embedded Accommodation—Closed Captioning | 195 | 0.16 | 330 | 0.25 | 239 | 0.16 |
| Embedded Accommodation—Text-to-Speech (for Reading Passages only) | 2,809 | 2.30 | 3,253 | 2.45 | 1,303 | 0.90 |
| Non-Embedded Accommodation—Alternate Response Options | 9 | 0.01 | 15 | 0.01 | 23 | 0.02 |
| Non-Embedded Accommodation—Print on Demand | 53 | 0.04 | 42 | 0.03 | 44 | 0.03 |
| Non-Embedded Accommodation—Read Aloud (for ELA Reading Passages) | 439 | 0.36 | 575 | 0.43 | 314 | 0.22 |
| Non-Embedded Accommodation—Scribe (for ELA Writing) | 73 | 0.06 | 85 | 0.06 | 21 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 306 | 0.25 | 468 | 0.35 | 228 | 0.16 |
| Non-Embedded Accommodation—Word Prediction | 132 | 0.11 | 158 | 0.12 | 74 | 0.05 |
| Embedded Designated Support—Color Contrast | 164 | 0.13 | 221 | 0.17 | 958 | 0.66 |
| Embedded Designated Support—Masking | 975 | 0.80 | 1,089 | 0.82 | 2,309 | 1.59 |
| Embedded Designated Support—Mouse Pointer | 85 | 0.07 | 103 | 0.08 | 868 | 0.60 |
| Embedded Designated Support—Permissive Mode | 170 | 0.14 | 153 | 0.12 | 56 | 0.04 |
| Embedded Designated Support—Print Size | 189 | 0.16 | 209 | 0.16 | 253 | 0.17 |
| Embedded Designated Support—Streamlining | 543 | 0.45 | 529 | 0.40 | 271 | 0.19 |
| Embedded Designated Support—Text-to-Speech (for ELA except for Reading Passages) | 8,856 | 7.27 | 9,982 | 7.51 | 5,090 | 3.51 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Amplification | 55 | 0.05 | 72 | 0.05 | 49 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 28 | 0.02 | 68 | 0.05 | 38 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 15 | 0.01 | 36 | 0.03 | 26 | 0.02 |
| Non-Embedded Designated Support—Magnification | 124 | 0.10 | 150 | 0.11 | 165 | 0.11 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 730 | 0.60 | 803 | 0.60 | 527 | 0.36 |
| Non-Embedded Designated Support—Read Aloud (for ELA except Reading Passages) | 898 | 0.74 | 1,131 | 0.85 | 566 | 0.39 |
| Non-Embedded Designated Support—Scribe (for Reading and Listening) | 110 | 0.09 | 122 | 0.09 | 41 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 2,968 | 2.43 | 3,561 | 2.68 | 2,927 | 2.02 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,041 | 1.67 | 2,486 | 1.87 | 3,355 | 2.31 |
| Non-Embedded Designated Support—Translated Test Directions | 67 | 0.05 | 93 | 0.07 | 68 | 0.05 |
| Other—Unlisted Resources | 2 | 0.00 | 5 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 4,972 | 4.08 | 6,048 | 4.55 | 4,093 | 2.82 |
| Other—Designated support or accommodation is in Section 504 plan | 135 | 0.11 | 143 | 0.11 | 109 | 0.08 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍All Tested

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 114 | 0.03 | 138 | 0.03 | 139 | 0.03 | 141 | 0.03 |
| Embedded Accommodation—Braille | 9 | 0.00 | 12 | 0.00 | 18 | 0.00 | 15 | 0.00 |
| Non-Embedded Accommodation—Abacus | 267 | 0.06 | 269 | 0.06 | 258 | 0.06 | 196 | 0.04 |
| Non-Embedded Accommodation—Alternate Response Options | 108 | 0.02 | 110 | 0.03 | 139 | 0.03 | 110 | 0.02 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 10,885 | 2.37 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 18,683 | 4.27 | 26,423 | 5.79 | 26,407 | 5.75 |
| Non-Embedded Accommodation—Print on Demand | 207 | 0.05 | 315 | 0.07 | 371 | 0.08 | 313 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 3,569 | 0.80 | 4,418 | 1.01 | 5,362 | 1.18 | 4,164 | 0.91 |
| Non-Embedded Accommodation—Word Prediction | 1,523 | 0.34 | 1,795 | 0.41 | 2,169 | 0.48 | 1,618 | 0.35 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 8,565 | 1.96 | 10,639 | 2.33 | 6,686 | 1.46 |
| Embedded Designated Support—Color Contrast | 1,178 | 0.26 | 1,376 | 0.31 | 1,405 | 0.31 | 1,594 | 0.35 |
| Embedded Designated Support—Masking | 6,582 | 1.48 | 7,524 | 1.72 | 8,121 | 1.78 | 7,305 | 1.59 |
| Embedded Designated Support—Mouse Pointer | 1,198 | 0.27 | 822 | 0.19 | 743 | 0.16 | 416 | 0.09 |
| Embedded Designated Support—Permissive Mode | 1,226 | 0.28 | 1,461 | 0.33 | 1,633 | 0.36 | 1,369 | 0.30 |
| Embedded Designated Support—Print Size | 2,269 | 0.51 | 1,827 | 0.42 | 2,007 | 0.44 | 1,586 | 0.35 |
| Embedded Designated Support—Streamlining | 3,676 | 0.83 | 3,948 | 0.90 | 4,611 | 1.01 | 4,192 | 0.91 |
| Embedded Designated Support—Text-to-Speech | 67,998 | 15.29 | 69,274 | 15.84 | 71,913 | 15.76 | 61,300 | 13.36 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 5,405 | 1.22 | 4,531 | 1.04 | 3,868 | 0.85 | 2,906 | 0.63 |
| Embedded Designated Support—Translations (glossary) | 1,236 | 0.28 | 1,185 | 0.27 | 1,072 | 0.23 | 1,060 | 0.23 |
| Embedded Designated Support—Turn off any Universal Tool | 5 | 0.00 | 6 | 0.00 | 11 | 0.00 | 7 | 0.00 |
| Non-Embedded Designated Support—Amplification | 523 | 0.12 | 450 | 0.10 | 334 | 0.07 | 260 | 0.06 |
| Non-Embedded Designated Support—Color Contrast | 300 | 0.07 | 342 | 0.08 | 388 | 0.09 | 306 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 291 | 0.07 | 266 | 0.06 | 359 | 0.08 | 352 | 0.08 |
| Non-Embedded Designated Support—Magnification | 921 | 0.21 | 960 | 0.22 | 1,237 | 0.27 | 996 | 0.22 |
| Non-Embedded Designated Support—Medical Device | 36 | 0.01 | 47 | 0.01 | 40 | 0.01 | 49 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 7,385 | 1.66 | 8,618 | 1.97 | 9,726 | 2.13 | 7,318 | 1.59 |
| Non-Embedded Designated Support—Read Aloud | 11,180 | 2.51 | 12,279 | 2.81 | 13,217 | 2.90 | 10,175 | 2.22 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 803 | 0.18 | 989 | 0.23 | 873 | 0.19 | 764 | 0.17 |
| Non-Embedded Designated Support—Scribe | 2,337 | 0.53 | 2,411 | 0.55 | 2,439 | 0.53 | 1,837 | 0.40 |
| Non-Embedded Designated Support—Separate Setting | 23,432 | 5.27 | 27,542 | 6.30 | 31,389 | 6.88 | 28,754 | 6.26 |
| Non-Embedded Designated Support—Simplified Test Directions | 18,482 | 4.15 | 20,971 | 4.79 | 22,734 | 4.98 | 18,454 | 4.02 |
| Non-Embedded Designated Support—Translated Test Directions | 1,736 | 0.39 | 1,716 | 0.39 | 1,641 | 0.36 | 1,459 | 0.32 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 33,160 | 7.45 | 39,421 | 9.01 | 44,682 | 9.79 | 44,171 | 9.62 |
| Other—Designated support or accommodation is in Section 504 plan | 1,415 | 0.32 | 1,809 | 0.41 | 2,103 | 0.46 | 1,941 | 0.42 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—All Tested

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 169 | 0.04 | 182 | 0.04 | 157 | 0.04 |
| Embedded Accommodation—Braille | 21 | 0.00 | 10 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Abacus | 145 | 0.03 | 107 | 0.02 | 89 | 0.02 |
| Non-Embedded Accommodation—Alternate Response Options | 117 | 0.02 | 112 | 0.02 | 75 | 0.02 |
| Non-Embedded Accommodation—Calculator | 15,941 | 3.37 | 17,037 | 3.69 | 8,768 | 2.00 |
| Non-Embedded Accommodation—Multiplication Table | 23,089 | 4.88 | 19,279 | 4.17 | 3,090 | 0.71 |
| Non-Embedded Accommodation—Print on Demand | 315 | 0.07 | 305 | 0.07 | 206 | 0.05 |
| Non-Embedded Accommodation—Speech-to-Text | 3,563 | 0.75 | 3,500 | 0.76 | 1,362 | 0.31 |
| Non-Embedded Accommodation—Word Prediction | 1,185 | 0.25 | 1,225 | 0.27 | 434 | 0.10 |
| Non-Embedded Accommodation—100s Number Table | 3,474 | 0.73 | 2,107 | 0.46 | 507 | 0.12 |
| Embedded Designated Support—Color Contrast | 959 | 0.20 | 915 | 0.20 | 2,401 | 0.55 |
| Embedded Designated Support—Masking | 6,492 | 1.37 | 6,028 | 1.30 | 6,033 | 1.38 |
| Embedded Designated Support—Mouse Pointer | 331 | 0.07 | 310 | 0.07 | 1,795 | 0.41 |
| Embedded Designated Support—Permissive Mode | 1,024 | 0.22 | 899 | 0.19 | 290 | 0.07 |
| Embedded Designated Support—Print Size | 1,322 | 0.28 | 1,172 | 0.25 | 722 | 0.16 |
| Embedded Designated Support—Streamlining | 3,773 | 0.80 | 3,258 | 0.70 | 1,236 | 0.28 |
| Embedded Designated Support—Text-to-Speech | 53,690 | 11.35 | 48,427 | 10.48 | 18,645 | 4.26 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,843 | 0.60 | 2,720 | 0.59 | 2,246 | 0.51 |
| Embedded Designated Support—Translations (glossary) | 1,066 | 0.23 | 1,150 | 0.25 | 1,584 | 0.36 |
| Embedded Designated Support—Turn off any Universal Tool | 10 | 0.00 | 4 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Amplification | 259 | 0.05 | 290 | 0.06 | 177 | 0.04 |
| Non-Embedded Designated Support—Color Contrast | 327 | 0.07 | 348 | 0.08 | 151 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 235 | 0.05 | 237 | 0.05 | 144 | 0.03 |
| Non-Embedded Designated Support—Magnification | 822 | 0.17 | 755 | 0.16 | 460 | 0.10 |
| Non-Embedded Designated Support—Medical Device | 22 | 0.00 | 29 | 0.01 | 14 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 5,393 | 1.14 | 4,689 | 1.01 | 2,185 | 0.50 |
| Non-Embedded Designated Support—Read Aloud | 8,014 | 1.69 | 7,232 | 1.56 | 3,089 | 0.71 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 844 | 0.18 | 714 | 0.15 | 530 | 0.12 |
| Non-Embedded Designated Support—Scribe | 1,312 | 0.28 | 998 | 0.22 | 302 | 0.07 |
| Non-Embedded Designated Support—Separate Setting | 25,652 | 5.42 | 23,891 | 5.17 | 16,015 | 3.66 |
| Non-Embedded Designated Support—Simplified Test Directions | 15,501 | 3.28 | 14,169 | 3.07 | 11,593 | 2.65 |
| Non-Embedded Designated Support—Translated Test Directions | 1,678 | 0.35 | 1,534 | 0.33 | 1,349 | 0.31 |
| Other—Unlisted Resources | 43 | 0.01 | 25 | 0.01 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 43,078 | 9.11 | 40,341 | 8.73 | 21,495 | 4.91 |
| Other—Designated support or accommodation is in Section 504 plan | 1,631 | 0.34 | 1,732 | 0.37 | 1,115 | 0.25 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six—‍Students with No Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 2 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.00 | 3 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 3 | 0.00 | 3 | 0.00 | 2 | 0.00 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 115 | 0.03 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 231 | 0.06 | 279 | 0.07 | 252 | 0.06 |
| Non-Embedded Accommodation—Print on Demand | 4 | 0.00 | 9 | 0.00 | 5 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 69 | 0.02 | 101 | 0.03 | 86 | 0.02 | 86 | 0.02 |
| Non-Embedded Accommodation—Word Prediction | 9 | 0.00 | 20 | 0.01 | 16 | 0.00 | 14 | 0.00 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 69 | 0.02 | 71 | 0.02 | 45 | 0.01 |
| Embedded Designated Support—Color Contrast | 740 | 0.19 | 726 | 0.19 | 636 | 0.16 | 864 | 0.21 |
| Embedded Designated Support—Masking | 3,212 | 0.82 | 3,171 | 0.83 | 3,034 | 0.76 | 2,467 | 0.61 |
| Embedded Designated Support—Mouse Pointer | 815 | 0.21 | 466 | 0.12 | 414 | 0.10 | 204 | 0.05 |
| Embedded Designated Support—Permissive Mode | 384 | 0.10 | 343 | 0.09 | 317 | 0.08 | 309 | 0.08 |
| Embedded Designated Support—Print Size | 1,407 | 0.36 | 769 | 0.20 | 894 | 0.22 | 533 | 0.13 |
| Embedded Designated Support—Streamlining | 1,123 | 0.29 | 1,007 | 0.26 | 1,001 | 0.25 | 805 | 0.20 |
| Embedded Designated Support—Text-to-Speech | 42,096 | 10.69 | 38,620 | 10.06 | 36,980 | 9.26 | 27,552 | 6.82 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 5,029 | 1.28 | 4,223 | 1.10 | 3,636 | 0.91 | 2,713 | 0.67 |
| Embedded Designated Support—Translations (glossary) | 1,195 | 0.30 | 1,151 | 0.30 | 1,021 | 0.26 | 1,013 | 0.25 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 213 | 0.05 | 141 | 0.04 | 59 | 0.01 | 60 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 147 | 0.04 | 104 | 0.03 | 79 | 0.02 | 34 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 140 | 0.04 | 68 | 0.02 | 55 | 0.01 | 48 | 0.01 |
| Non-Embedded Designated Support—Magnification | 490 | 0.12 | 418 | 0.11 | 561 | 0.14 | 326 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 23 | 0.01 | 34 | 0.01 | 30 | 0.01 | 36 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,424 | 0.36 | 1,554 | 0.40 | 1,658 | 0.42 | 1,306 | 0.32 |
| Non-Embedded Designated Support—Read Aloud | 3,272 | 0.83 | 3,209 | 0.84 | 2,462 | 0.62 | 1,617 | 0.40 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 484 | 0.12 | 582 | 0.15 | 412 | 0.10 | 382 | 0.09 |
| Non-Embedded Designated Support—Scribe | 275 | 0.07 | 241 | 0.06 | 170 | 0.04 | 319 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 2,921 | 0.74 | 2,818 | 0.73 | 2,958 | 0.74 | 2,471 | 0.61 |
| Non-Embedded Designated Support—Simplified Test Directions | 4,871 | 1.24 | 4,714 | 1.23 | 4,436 | 1.11 | 3,192 | 0.79 |
| Non-Embedded Designated Support—Translated Test Directions | 1,468 | 0.37 | 1,413 | 0.37 | 1,276 | 0.32 | 1,154 | 0.29 |
| Other—Unlisted Resources | 0 | 0.00 | 1 | 0.00 | 1 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,175 | 0.30 | 1,466 | 0.38 | 1,683 | 0.42 | 1,575 | 0.39 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—Students with No Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.00 | 0 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 1 | 0.00 | 2 | 0.00 | 7 | 0.00 |
| Non-Embedded Accommodation—Calculator | 167 | 0.04 | 146 | 0.04 | 77 | 0.02 |
| Non-Embedded Accommodation—Multiplication Table | 192 | 0.05 | 170 | 0.04 | 30 | 0.01 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.00 | 2 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Speech-to-Text | 57 | 0.01 | 49 | 0.01 | 12 | 0.00 |
| Non-Embedded Accommodation—Word Prediction | 16 | 0.00 | 11 | 0.00 | 9 | 0.00 |
| Non-Embedded Accommodation—100s Number Table | 34 | 0.01 | 26 | 0.01 | 8 | 0.00 |
| Embedded Designated Support—Color Contrast | 370 | 0.09 | 390 | 0.10 | 2,070 | 0.52 |
| Embedded Designated Support—Masking | 1,708 | 0.41 | 1,440 | 0.35 | 4,183 | 1.05 |
| Embedded Designated Support—Mouse Pointer | 195 | 0.05 | 191 | 0.05 | 1,574 | 0.40 |
| Embedded Designated Support—Permissive Mode | 219 | 0.05 | 181 | 0.04 | 54 | 0.01 |
| Embedded Designated Support—Print Size | 324 | 0.08 | 247 | 0.06 | 347 | 0.09 |
| Embedded Designated Support—Streamlining | 817 | 0.20 | 528 | 0.13 | 171 | 0.04 |
| Embedded Designated Support—Text-to-Speech | 22,100 | 5.28 | 19,801 | 4.83 | 11,276 | 2.84 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,649 | 0.63 | 2,597 | 0.63 | 2,128 | 0.54 |
| Embedded Designated Support—Translations (glossary) | 1,033 | 0.25 | 1,113 | 0.27 | 1,536 | 0.39 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 64 | 0.02 | 86 | 0.02 | 38 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 23 | 0.01 | 101 | 0.02 | 29 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 11 | 0.00 | 45 | 0.01 | 19 | 0.00 |
| Non-Embedded Designated Support—Magnification | 179 | 0.04 | 119 | 0.03 | 155 | 0.04 |
| Non-Embedded Designated Support—Medical Device | 16 | 0.00 | 27 | 0.01 | 10 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 1,086 | 0.26 | 906 | 0.22 | 589 | 0.15 |
| Non-Embedded Designated Support—Read Aloud | 1,052 | 0.25 | 890 | 0.22 | 560 | 0.14 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 430 | 0.10 | 364 | 0.09 | 372 | 0.09 |
| Non-Embedded Designated Support—Scribe | 324 | 0.08 | 245 | 0.06 | 36 | 0.01 |
| Non-Embedded Designated Support—Separate Setting | 1,996 | 0.48 | 1,967 | 0.48 | 1,141 | 0.29 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,488 | 0.59 | 2,367 | 0.58 | 4,849 | 1.22 |
| Non-Embedded Designated Support—Translated Test Directions | 1,297 | 0.31 | 1,229 | 0.30 | 1,116 | 0.28 |
| Other—Unlisted Resources | 0 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in Section 504 plan | 1,358 | 0.32 | 1,383 | 0.34 | 915 | 0.23 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six—‍Students with Special Education Services

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 114 | 0.22 | 136 | 0.25 | 139 | 0.24 | 141 | 0.26 |
| Embedded Accommodation—Braille | 9 | 0.02 | 12 | 0.02 | 18 | 0.03 | 15 | 0.03 |
| Non-Embedded Accommodation—Abacus | 266 | 0.52 | 266 | 0.50 | 256 | 0.45 | 195 | 0.35 |
| Non-Embedded Accommodation—Alternate Response Options | 108 | 0.21 | 107 | 0.20 | 136 | 0.24 | 108 | 0.20 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 10,770 | 19.56 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 18,452 | 34.49 | 26,144 | 45.86 | 26,155 | 47.50 |
| Non-Embedded Accommodation—Print on Demand | 203 | 0.40 | 306 | 0.57 | 366 | 0.64 | 306 | 0.56 |
| Non-Embedded Accommodation—Speech-to-Text | 3,500 | 6.86 | 4,317 | 8.07 | 5,276 | 9.25 | 4,078 | 7.41 |
| Non-Embedded Accommodation—Word Prediction | 1,514 | 2.97 | 1,775 | 3.32 | 2,153 | 3.78 | 1,604 | 2.91 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 8,496 | 15.88 | 10,568 | 18.54 | 6,641 | 12.06 |
| Embedded Designated Support—Color Contrast | 438 | 0.86 | 650 | 1.21 | 769 | 1.35 | 730 | 1.33 |
| Embedded Designated Support—Masking | 3,370 | 6.60 | 4,353 | 8.14 | 5,087 | 8.92 | 4,838 | 8.79 |
| Embedded Designated Support—Mouse Pointer | 383 | 0.75 | 356 | 0.67 | 329 | 0.58 | 212 | 0.38 |
| Embedded Designated Support—Permissive Mode | 842 | 1.65 | 1,118 | 2.09 | 1,316 | 2.31 | 1,060 | 1.92 |
| Embedded Designated Support—Print Size | 862 | 1.69 | 1,058 | 1.98 | 1,113 | 1.95 | 1,053 | 1.91 |
| Embedded Designated Support—Streamlining | 2,553 | 5.00 | 2,941 | 5.50 | 3,610 | 6.33 | 3,387 | 6.15 |
| Embedded Designated Support—Text-to-Speech | 25,902 | 50.74 | 30,654 | 57.30 | 34,933 | 61.27 | 33,748 | 61.29 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 376 | 0.74 | 308 | 0.58 | 232 | 0.41 | 193 | 0.35 |
| Embedded Designated Support—Translations (glossary) | 41 | 0.08 | 34 | 0.06 | 51 | 0.09 | 47 | 0.09 |
| Embedded Designated Support—Turn off any Universal Tool | 5 | 0.01 | 6 | 0.01 | 11 | 0.02 | 7 | 0.01 |
| Non-Embedded Designated Support—Amplification | 310 | 0.61 | 309 | 0.58 | 275 | 0.48 | 200 | 0.36 |
| Non-Embedded Designated Support—Color Contrast | 153 | 0.30 | 238 | 0.44 | 309 | 0.54 | 272 | 0.49 |
| Non-Embedded Designated Support—Color Overlay | 151 | 0.30 | 198 | 0.37 | 304 | 0.53 | 304 | 0.55 |
| Non-Embedded Designated Support—Magnification | 431 | 0.84 | 542 | 1.01 | 676 | 1.19 | 670 | 1.22 |
| Non-Embedded Designated Support—Medical Device | 13 | 0.03 | 13 | 0.02 | 10 | 0.02 | 13 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 5,961 | 11.68 | 7,064 | 13.20 | 8,068 | 14.15 | 6,012 | 10.92 |
| Non-Embedded Designated Support—Read Aloud | 7,908 | 15.49 | 9,070 | 16.95 | 10,755 | 18.86 | 8,558 | 15.54 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 319 | 0.62 | 407 | 0.76 | 461 | 0.81 | 382 | 0.69 |
| Non-Embedded Designated Support—Scribe | 2,062 | 4.04 | 2,170 | 4.06 | 2,269 | 3.98 | 1,518 | 2.76 |
| Non-Embedded Designated Support—Separate Setting | 20,511 | 40.18 | 24,724 | 46.21 | 28,431 | 49.87 | 26,283 | 47.73 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,611 | 26.66 | 16,257 | 30.39 | 18,298 | 32.09 | 15,262 | 27.72 |
| Non-Embedded Designated Support—Translated Test Directions | 268 | 0.52 | 303 | 0.57 | 365 | 0.64 | 305 | 0.55 |
| Other—Unlisted Resources | 1 | 0.00 | 2 | 0.00 | 2 | 0.00 | 2 | 0.00 |
| Other—Designated support or accommodation is in IEP | 33,160 | 64.95 | 39,421 | 73.68 | 44,682 | 78.37 | 44,171 | 80.22 |
| Other—Designated support or accommodation is in Section 504 plan | 240 | 0.47 | 343 | 0.64 | 420 | 0.74 | 366 | 0.66 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—Students with Special Education Services

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 169 | 0.31 | 182 | 0.35 | 157 | 0.38 |
| Embedded Accommodation—Braille | 21 | 0.04 | 10 | 0.02 | 7 | 0.02 |
| Non-Embedded Accommodation—Abacus | 144 | 0.26 | 107 | 0.21 | 82 | 0.20 |
| Non-Embedded Accommodation—Alternate Response Options | 116 | 0.21 | 110 | 0.21 | 68 | 0.17 |
| Non-Embedded Accommodation—Calculator | 15,774 | 28.85 | 16,891 | 32.44 | 8,691 | 21.25 |
| Non-Embedded Accommodation—Multiplication Table | 22,897 | 41.87 | 19,109 | 36.70 | 3,060 | 7.48 |
| Non-Embedded Accommodation—Print on Demand | 312 | 0.57 | 303 | 0.58 | 202 | 0.49 |
| Non-Embedded Accommodation—Speech-to-Text | 3,506 | 6.41 | 3,451 | 6.63 | 1,350 | 3.30 |
| Non-Embedded Accommodation—Word Prediction | 1,169 | 2.14 | 1,214 | 2.33 | 425 | 1.04 |
| Non-Embedded Accommodation—100s Number Table | 3,440 | 6.29 | 2,081 | 4.00 | 499 | 1.22 |
| Embedded Designated Support—Color Contrast | 589 | 1.08 | 525 | 1.01 | 331 | 0.81 |
| Embedded Designated Support—Masking | 4,784 | 8.75 | 4,588 | 8.81 | 1,850 | 4.52 |
| Embedded Designated Support—Mouse Pointer | 136 | 0.25 | 119 | 0.23 | 221 | 0.54 |
| Embedded Designated Support—Permissive Mode | 805 | 1.47 | 718 | 1.38 | 236 | 0.58 |
| Embedded Designated Support—Print Size | 998 | 1.83 | 925 | 1.78 | 375 | 0.92 |
| Embedded Designated Support—Streamlining | 2,956 | 5.41 | 2,730 | 5.24 | 1,065 | 2.60 |
| Embedded Designated Support—Text-to-Speech | 31,590 | 57.77 | 28,626 | 54.98 | 7,369 | 18.02 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 194 | 0.35 | 123 | 0.24 | 118 | 0.29 |
| Embedded Designated Support—Translations (glossary) | 33 | 0.06 | 37 | 0.07 | 48 | 0.12 |
| Embedded Designated Support—Turn off any Universal Tool | 10 | 0.02 | 4 | 0.01 | 3 | 0.01 |
| Non-Embedded Designated Support—Amplification | 195 | 0.36 | 204 | 0.39 | 139 | 0.34 |
| Non-Embedded Designated Support—Color Contrast | 304 | 0.56 | 247 | 0.47 | 122 | 0.30 |
| Non-Embedded Designated Support—Color Overlay | 224 | 0.41 | 192 | 0.37 | 125 | 0.31 |
| Non-Embedded Designated Support—Magnification | 643 | 1.18 | 636 | 1.22 | 305 | 0.75 |
| Non-Embedded Designated Support—Medical Device | 6 | 0.01 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 4,307 | 7.88 | 3,783 | 7.27 | 1,596 | 3.90 |
| Non-Embedded Designated Support—Read Aloud | 6,962 | 12.73 | 6,342 | 12.18 | 2,529 | 6.18 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 414 | 0.76 | 350 | 0.67 | 158 | 0.39 |
| Non-Embedded Designated Support—Scribe | 988 | 1.81 | 753 | 1.45 | 266 | 0.65 |
| Non-Embedded Designated Support—Separate Setting | 23,656 | 43.26 | 21,924 | 42.11 | 14,874 | 36.38 |
| Non-Embedded Designated Support—Simplified Test Directions | 13,013 | 23.80 | 11,802 | 22.67 | 6,744 | 16.49 |
| Non-Embedded Designated Support—Translated Test Directions | 381 | 0.70 | 305 | 0.59 | 233 | 0.57 |
| Other—Unlisted Resources | 43 | 0.08 | 23 | 0.04 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 43,078 | 78.78 | 40,341 | 77.48 | 21,495 | 52.57 |
| Other—Designated support or accommodation is in Section 504 plan | 273 | 0.50 | 349 | 0.67 | 200 | 0.49 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍EO Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 79 | 0.03 | 101 | 0.04 | 95 | 0.04 | 103 | 0.04 |
| Embedded Accommodation—Braille | 7 | 0.00 | 8 | 0.00 | 12 | 0.00 | 4 | 0.00 |
| Non-Embedded Accommodation—Abacus | 170 | 0.06 | 174 | 0.07 | 151 | 0.06 | 106 | 0.04 |
| Non-Embedded Accommodation—Alternate Response Options | 75 | 0.03 | 72 | 0.03 | 87 | 0.03 | 67 | 0.03 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 6,339 | 2.43 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 10,920 | 4.25 | 15,069 | 5.72 | 14,783 | 5.67 |
| Non-Embedded Accommodation—Print on Demand | 138 | 0.05 | 192 | 0.07 | 224 | 0.09 | 186 | 0.07 |
| Non-Embedded Accommodation—Speech-to-Text | 2,295 | 0.86 | 2,745 | 1.07 | 3,236 | 1.23 | 2,552 | 0.98 |
| Non-Embedded Accommodation—Word Prediction | 970 | 0.36 | 1,099 | 0.43 | 1,285 | 0.49 | 934 | 0.36 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 4,808 | 1.87 | 5,773 | 2.19 | 3,535 | 1.36 |
| Embedded Designated Support—Color Contrast | 675 | 0.25 | 759 | 0.30 | 774 | 0.29 | 780 | 0.30 |
| Embedded Designated Support—Masking | 3,643 | 1.36 | 4,090 | 1.59 | 4,472 | 1.70 | 3,904 | 1.50 |
| Embedded Designated Support—Mouse Pointer | 628 | 0.23 | 400 | 0.16 | 419 | 0.16 | 204 | 0.08 |
| Embedded Designated Support—Permissive Mode | 784 | 0.29 | 903 | 0.35 | 983 | 0.37 | 845 | 0.32 |
| Embedded Designated Support—Print Size | 1,136 | 0.42 | 946 | 0.37 | 1,092 | 0.41 | 834 | 0.32 |
| Embedded Designated Support—Streamlining | 2,278 | 0.85 | 2,236 | 0.87 | 2,563 | 0.97 | 2,250 | 0.86 |
| Embedded Designated Support—Text-to-Speech | 33,938 | 12.69 | 32,926 | 12.82 | 34,386 | 13.05 | 29,040 | 11.14 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 1,051 | 0.39 | 773 | 0.30 | 641 | 0.24 | 176 | 0.07 |
| Embedded Designated Support—Translations (glossary) | 15 | 0.01 | 10 | 0.00 | 11 | 0.00 | 15 | 0.01 |
| Embedded Designated Support—Turn off any Universal Tool | 4 | 0.00 | 6 | 0.00 | 7 | 0.00 | 2 | 0.00 |
| Non-Embedded Designated Support—Amplification | 266 | 0.10 | 201 | 0.08 | 155 | 0.06 | 131 | 0.05 |
| Non-Embedded Designated Support—Color Contrast | 172 | 0.06 | 188 | 0.07 | 244 | 0.09 | 190 | 0.07 |
| Non-Embedded Designated Support—Color Overlay | 182 | 0.07 | 154 | 0.06 | 216 | 0.08 | 200 | 0.08 |
| Non-Embedded Designated Support—Magnification | 525 | 0.20 | 496 | 0.19 | 609 | 0.23 | 529 | 0.20 |
| Non-Embedded Designated Support—Medical Device | 29 | 0.01 | 37 | 0.01 | 25 | 0.01 | 42 | 0.02 |
| Non-Embedded Designated Support—Noise Buffers | 4,611 | 1.72 | 5,174 | 2.02 | 5,711 | 2.17 | 4,275 | 1.64 |
| Non-Embedded Designated Support—Read Aloud | 6,092 | 2.28 | 6,381 | 2.49 | 6,825 | 2.59 | 5,131 | 1.97 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 165 | 0.06 | 179 | 0.07 | 220 | 0.08 | 192 | 0.07 |
| Non-Embedded Designated Support—Scribe | 1,545 | 0.58 | 1,536 | 0.60 | 1,579 | 0.60 | 1,160 | 0.45 |
| Non-Embedded Designated Support—Separate Setting | 14,988 | 5.60 | 17,051 | 6.64 | 18,936 | 7.19 | 17,020 | 6.53 |
| Non-Embedded Designated Support—Simplified Test Directions | 10,518 | 3.93 | 11,398 | 4.44 | 11,974 | 4.55 | 9,492 | 3.64 |
| Non-Embedded Designated Support—Translated Test Directions | 172 | 0.06 | 101 | 0.04 | 150 | 0.06 | 195 | 0.07 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 20,467 | 7.65 | 23,618 | 9.20 | 26,103 | 9.91 | 25,195 | 9.67 |
| Other—Designated support or accommodation is in Section 504 plan | 1,115 | 0.42 | 1,439 | 0.56 | 1,659 | 0.63 | 1,576 | 0.60 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—EO Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 107 | 0.04 | 116 | 0.05 | 108 | 0.05 |
| Embedded Accommodation—Braille | 12 | 0.00 | 3 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 87 | 0.03 | 47 | 0.02 | 33 | 0.01 |
| Non-Embedded Accommodation—Alternate Response Options | 74 | 0.03 | 70 | 0.03 | 32 | 0.01 |
| Non-Embedded Accommodation—Calculator | 9,200 | 3.50 | 9,727 | 3.86 | 5,110 | 2.21 |
| Non-Embedded Accommodation—Multiplication Table | 12,724 | 4.85 | 10,447 | 4.14 | 1,715 | 0.74 |
| Non-Embedded Accommodation—Print on Demand | 178 | 0.07 | 184 | 0.07 | 98 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 2,151 | 0.82 | 1,978 | 0.78 | 763 | 0.33 |
| Non-Embedded Accommodation—Word Prediction | 664 | 0.25 | 701 | 0.28 | 268 | 0.12 |
| Non-Embedded Accommodation—100s Number Table | 1,826 | 0.70 | 1,026 | 0.41 | 250 | 0.11 |
| Embedded Designated Support—Color Contrast | 549 | 0.21 | 477 | 0.19 | 1,090 | 0.47 |
| Embedded Designated Support—Masking | 3,631 | 1.38 | 3,344 | 1.33 | 2,640 | 1.14 |
| Embedded Designated Support—Mouse Pointer | 134 | 0.05 | 116 | 0.05 | 653 | 0.28 |
| Embedded Designated Support—Permissive Mode | 582 | 0.22 | 501 | 0.20 | 172 | 0.07 |
| Embedded Designated Support—Print Size | 687 | 0.26 | 648 | 0.26 | 313 | 0.14 |
| Embedded Designated Support—Streamlining | 2,038 | 0.78 | 1,754 | 0.70 | 642 | 0.28 |
| Embedded Designated Support—Text-to-Speech | 26,265 | 10.01 | 23,386 | 9.27 | 8,691 | 3.76 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 71 | 0.03 | 17 | 0.01 | 13 | 0.01 |
| Embedded Designated Support—Translations (glossary) | 12 | 0.00 | 18 | 0.01 | 11 | 0.00 |
| Embedded Designated Support—Turn off any Universal Tool | 7 | 0.00 | 1 | 0.00 | 2 | 0.00 |
| Non-Embedded Designated Support—Amplification | 113 | 0.04 | 148 | 0.06 | 80 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 194 | 0.07 | 180 | 0.07 | 73 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 146 | 0.06 | 139 | 0.06 | 76 | 0.03 |
| Non-Embedded Designated Support—Magnification | 415 | 0.16 | 397 | 0.16 | 189 | 0.08 |
| Non-Embedded Designated Support—Medical Device | 15 | 0.01 | 14 | 0.01 | 8 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 3,090 | 1.18 | 2,753 | 1.09 | 1,263 | 0.55 |
| Non-Embedded Designated Support—Read Aloud | 3,938 | 1.50 | 3,470 | 1.38 | 1,445 | 0.62 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 188 | 0.07 | 154 | 0.06 | 43 | 0.02 |
| Non-Embedded Designated Support—Scribe | 877 | 0.33 | 666 | 0.26 | 195 | 0.08 |
| Non-Embedded Designated Support—Separate Setting | 14,827 | 5.65 | 13,800 | 5.47 | 9,433 | 4.08 |
| Non-Embedded Designated Support—Simplified Test Directions | 7,757 | 2.95 | 7,010 | 2.78 | 5,383 | 2.33 |
| Non-Embedded Designated Support—Translated Test Directions | 220 | 0.08 | 193 | 0.08 | 26 | 0.01 |
| Other—Unlisted Resources | 28 | 0.01 | 20 | 0.01 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 24,153 | 9.20 | 22,345 | 8.86 | 12,259 | 5.30 |
| Other—Designated support or accommodation is in Section 504 plan | 1,340 | 0.51 | 1,415 | 0.56 | 924 | 0.40 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍IFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 | 1 | 0.01 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 1 | 0.01 | 1 | 0.01 | 1 | 0.01 | 2 | 0.01 |
| Non-Embedded Accommodation—Alternate Response Options | 2 | 0.01 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 59 | 0.33 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 138 | 0.81 | 207 | 1.15 | 191 | 1.06 |
| Non-Embedded Accommodation—Print on Demand | 1 | 0.01 | 3 | 0.02 | 4 | 0.02 | 2 | 0.01 |
| Non-Embedded Accommodation—Speech-to-Text | 27 | 0.17 | 43 | 0.25 | 42 | 0.23 | 26 | 0.14 |
| Non-Embedded Accommodation—Word Prediction | 11 | 0.07 | 14 | 0.08 | 10 | 0.06 | 6 | 0.03 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 54 | 0.32 | 67 | 0.37 | 40 | 0.22 |
| Embedded Designated Support—Color Contrast | 23 | 0.14 | 23 | 0.14 | 17 | 0.09 | 27 | 0.15 |
| Embedded Designated Support—Masking | 108 | 0.66 | 108 | 0.63 | 106 | 0.59 | 98 | 0.54 |
| Embedded Designated Support—Mouse Pointer | 29 | 0.18 | 15 | 0.09 | 18 | 0.10 | 5 | 0.03 |
| Embedded Designated Support—Permissive Mode | 9 | 0.06 | 32 | 0.19 | 18 | 0.10 | 15 | 0.08 |
| Embedded Designated Support—Print Size | 32 | 0.20 | 18 | 0.11 | 21 | 0.12 | 12 | 0.07 |
| Embedded Designated Support—Streamlining | 47 | 0.29 | 36 | 0.21 | 32 | 0.18 | 28 | 0.16 |
| Embedded Designated Support—Text-to-Speech | 1,085 | 6.68 | 1,078 | 6.33 | 1,113 | 6.19 | 844 | 4.67 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 165 | 1.02 | 98 | 0.58 | 94 | 0.52 | 34 | 0.19 |
| Embedded Designated Support—Translations (glossary) | 16 | 0.10 | 32 | 0.19 | 27 | 0.15 | 20 | 0.11 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 10 | 0.06 | 4 | 0.02 | 1 | 0.01 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Contrast | 7 | 0.04 | 5 | 0.03 | 6 | 0.03 | 2 | 0.01 |
| Non-Embedded Designated Support—Color Overlay | 6 | 0.04 | 2 | 0.01 | 4 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Magnification | 16 | 0.10 | 14 | 0.08 | 19 | 0.11 | 5 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 1 | 0.01 | 4 | 0.02 | 3 | 0.02 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 93 | 0.57 | 117 | 0.69 | 149 | 0.83 | 104 | 0.58 |
| Non-Embedded Designated Support—Read Aloud | 88 | 0.54 | 113 | 0.66 | 133 | 0.74 | 73 | 0.40 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 8 | 0.05 | 2 | 0.01 | 2 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Scribe | 17 | 0.10 | 22 | 0.13 | 23 | 0.13 | 16 | 0.09 |
| Non-Embedded Designated Support—Separate Setting | 187 | 1.15 | 281 | 1.65 | 352 | 1.96 | 274 | 1.52 |
| Non-Embedded Designated Support—Simplified Test Directions | 159 | 0.98 | 209 | 1.23 | 231 | 1.28 | 154 | 0.85 |
| Non-Embedded Designated Support—Translated Test Directions | 21 | 0.13 | 15 | 0.09 | 20 | 0.11 | 1 | 0.01 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 235 | 1.45 | 350 | 2.06 | 412 | 2.29 | 374 | 2.07 |
| Other—Designated support or accommodation is in Section 504 plan | 31 | 0.19 | 42 | 0.25 | 39 | 0.22 | 31 | 0.17 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—IFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 6 | 0.03 | 7 | 0.03 | 1 | 0.00 |
| Embedded Accommodation—Braille | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Accommodation—Abacus | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Alternate Response Options | 0 | 0.00 | 1 | 0.00 | 3 | 0.01 |
| Non-Embedded Accommodation—Calculator | 93 | 0.46 | 114 | 0.57 | 101 | 0.44 |
| Non-Embedded Accommodation—Multiplication Table | 158 | 0.79 | 131 | 0.65 | 36 | 0.16 |
| Non-Embedded Accommodation—Print on Demand | 3 | 0.01 | 4 | 0.02 | 9 | 0.04 |
| Non-Embedded Accommodation—Speech-to-Text | 21 | 0.10 | 26 | 0.13 | 19 | 0.08 |
| Non-Embedded Accommodation—Word Prediction | 4 | 0.02 | 6 | 0.03 | 7 | 0.03 |
| Non-Embedded Accommodation—100s Number Table | 21 | 0.10 | 5 | 0.02 | 11 | 0.05 |
| Embedded Designated Support—Color Contrast | 16 | 0.08 | 17 | 0.08 | 71 | 0.31 |
| Embedded Designated Support—Masking | 74 | 0.37 | 70 | 0.35 | 173 | 0.76 |
| Embedded Designated Support—Mouse Pointer | 7 | 0.03 | 2 | 0.01 | 48 | 0.21 |
| Embedded Designated Support—Permissive Mode | 10 | 0.05 | 4 | 0.02 | 4 | 0.02 |
| Embedded Designated Support—Print Size | 16 | 0.08 | 13 | 0.06 | 18 | 0.08 |
| Embedded Designated Support—Streamlining | 33 | 0.16 | 27 | 0.13 | 25 | 0.11 |
| Embedded Designated Support—Text-to-Speech | 736 | 3.67 | 657 | 3.28 | 495 | 2.16 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 20 | 0.10 | 18 | 0.09 | 11 | 0.05 |
| Embedded Designated Support—Translations (glossary) | 25 | 0.12 | 33 | 0.16 | 44 | 0.19 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 4 | 0.02 | 7 | 0.03 | 3 | 0.01 |
| Non-Embedded Designated Support—Color Contrast | 3 | 0.01 | 8 | 0.04 | 4 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 4 | 0.02 | 3 | 0.01 | 2 | 0.01 |
| Non-Embedded Designated Support—Magnification | 11 | 0.05 | 7 | 0.03 | 6 | 0.03 |
| Non-Embedded Designated Support—Medical Device | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 70 | 0.35 | 52 | 0.26 | 43 | 0.19 |
| Non-Embedded Designated Support—Read Aloud | 55 | 0.27 | 60 | 0.30 | 51 | 0.22 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 5 | 0.02 | 1 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Scribe | 8 | 0.04 | 5 | 0.02 | 8 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 284 | 1.42 | 274 | 1.37 | 253 | 1.10 |
| Non-Embedded Designated Support—Simplified Test Directions | 130 | 0.65 | 143 | 0.71 | 217 | 0.95 |
| Non-Embedded Designated Support—Translated Test Directions | 11 | 0.05 | 11 | 0.05 | 6 | 0.03 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 383 | 1.91 | 381 | 1.90 | 309 | 1.35 |
| Other—Designated support or accommodation is in Section 504 plan | 27 | 0.13 | 35 | 0.17 | 35 | 0.15 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍EL Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 26 | 0.03 | 25 | 0.03 | 32 | 0.04 | 28 | 0.04 |
| Embedded Accommodation—Braille | 1 | 0.00 | 2 | 0.00 | 2 | 0.00 | 8 | 0.01 |
| Non-Embedded Accommodation—Abacus | 89 | 0.09 | 84 | 0.08 | 91 | 0.10 | 61 | 0.08 |
| Non-Embedded Accommodation—Alternate Response Options | 25 | 0.03 | 36 | 0.04 | 36 | 0.04 | 24 | 0.03 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 3,573 | 4.80 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 7,081 | 7.12 | 9,793 | 11.16 | 9,199 | 12.37 |
| Non-Embedded Accommodation—Print on Demand | 60 | 0.06 | 109 | 0.11 | 117 | 0.13 | 94 | 0.13 |
| Non-Embedded Accommodation—Speech-to-Text | 1,136 | 1.16 | 1,507 | 1.51 | 1,840 | 2.10 | 1,289 | 1.73 |
| Non-Embedded Accommodation—Word Prediction | 504 | 0.51 | 619 | 0.62 | 733 | 0.83 | 504 | 0.68 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 3,445 | 3.46 | 4,245 | 4.84 | 2,548 | 3.43 |
| Embedded Designated Support—Color Contrast | 383 | 0.39 | 483 | 0.49 | 454 | 0.52 | 438 | 0.59 |
| Embedded Designated Support—Masking | 2,144 | 2.19 | 2,691 | 2.70 | 2,594 | 2.95 | 2,157 | 2.90 |
| Embedded Designated Support—Mouse Pointer | 391 | 0.40 | 302 | 0.30 | 206 | 0.23 | 128 | 0.17 |
| Embedded Designated Support—Permissive Mode | 391 | 0.40 | 433 | 0.44 | 503 | 0.57 | 342 | 0.46 |
| Embedded Designated Support—Print Size | 881 | 0.90 | 710 | 0.71 | 649 | 0.74 | 492 | 0.66 |
| Embedded Designated Support—Streamlining | 1,133 | 1.16 | 1,464 | 1.47 | 1,646 | 1.87 | 1,432 | 1.93 |
| Embedded Designated Support—Text-to-Speech | 26,841 | 27.40 | 29,766 | 29.91 | 28,035 | 31.94 | 21,859 | 29.39 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 3,539 | 3.61 | 3,113 | 3.13 | 2,578 | 2.94 | 2,345 | 3.15 |
| Embedded Designated Support—Translations (glossary) | 979 | 1.00 | 841 | 0.85 | 797 | 0.91 | 786 | 1.06 |
| Embedded Designated Support—Turn off any Universal Tool | 1 | 0.00 | 0 | 0.00 | 2 | 0.00 | 4 | 0.01 |
| Non-Embedded Designated Support—Amplification | 195 | 0.20 | 204 | 0.20 | 146 | 0.17 | 89 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 96 | 0.10 | 108 | 0.11 | 119 | 0.14 | 89 | 0.12 |
| Non-Embedded Designated Support—Color Overlay | 82 | 0.08 | 101 | 0.10 | 119 | 0.14 | 116 | 0.16 |
| Non-Embedded Designated Support—Magnification | 307 | 0.31 | 350 | 0.35 | 432 | 0.49 | 295 | 0.40 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.00 | 2 | 0.00 | 6 | 0.01 | 4 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 2,224 | 2.27 | 2,867 | 2.88 | 3,066 | 3.49 | 2,086 | 2.80 |
| Non-Embedded Designated Support—Read Aloud | 4,371 | 4.46 | 5,180 | 5.21 | 5,271 | 6.00 | 3,828 | 5.15 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 582 | 0.59 | 789 | 0.79 | 620 | 0.71 | 523 | 0.70 |
| Non-Embedded Designated Support—Scribe | 710 | 0.72 | 779 | 0.78 | 703 | 0.80 | 509 | 0.68 |
| Non-Embedded Designated Support—Separate Setting | 7,468 | 7.62 | 9,320 | 9.37 | 10,371 | 11.81 | 8,872 | 11.93 |
| Non-Embedded Designated Support—Simplified Test Directions | 6,869 | 7.01 | 8,392 | 8.43 | 8,810 | 10.04 | 6,734 | 9.05 |
| Non-Embedded Designated Support—Translated Test Directions | 1,445 | 1.48 | 1,528 | 1.54 | 1,358 | 1.55 | 1,162 | 1.56 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 1 | 0.00 | 1 | 0.00 |
| Other—Designated support or accommodation is in IEP | 11,400 | 11.64 | 14,184 | 14.25 | 15,696 | 17.88 | 14,627 | 19.67 |
| Other—Designated support or accommodation is in Section 504 plan | 221 | 0.23 | 260 | 0.26 | 296 | 0.34 | 220 | 0.30 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—EL Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 43 | 0.06 | 37 | 0.07 | 28 | 0.07 |
| Embedded Accommodation—Braille | 2 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Non-Embedded Accommodation—Abacus | 44 | 0.06 | 39 | 0.07 | 21 | 0.05 |
| Non-Embedded Accommodation—Alternate Response Options | 34 | 0.05 | 26 | 0.05 | 17 | 0.04 |
| Non-Embedded Accommodation—Calculator | 5,083 | 7.45 | 4,939 | 8.68 | 2,048 | 5.22 |
| Non-Embedded Accommodation—Multiplication Table | 7,630 | 11.18 | 5,899 | 10.37 | 803 | 2.05 |
| Non-Embedded Accommodation—Print on Demand | 79 | 0.12 | 76 | 0.13 | 54 | 0.14 |
| Non-Embedded Accommodation—Speech-to-Text | 1,085 | 1.59 | 1,029 | 1.81 | 354 | 0.90 |
| Non-Embedded Accommodation—Word Prediction | 386 | 0.57 | 352 | 0.62 | 85 | 0.22 |
| Non-Embedded Accommodation—100s Number Table | 1,225 | 1.80 | 702 | 1.23 | 142 | 0.36 |
| Embedded Designated Support—Color Contrast | 231 | 0.34 | 196 | 0.34 | 307 | 0.78 |
| Embedded Designated Support—Masking | 1,788 | 2.62 | 1,498 | 2.63 | 934 | 2.38 |
| Embedded Designated Support—Mouse Pointer | 106 | 0.16 | 86 | 0.15 | 243 | 0.62 |
| Embedded Designated Support—Permissive Mode | 253 | 0.37 | 235 | 0.41 | 61 | 0.16 |
| Embedded Designated Support—Print Size | 432 | 0.63 | 300 | 0.53 | 151 | 0.39 |
| Embedded Designated Support—Streamlining | 1,165 | 1.71 | 949 | 1.67 | 296 | 0.76 |
| Embedded Designated Support—Text-to-Speech | 17,813 | 26.11 | 14,531 | 25.54 | 4,511 | 11.51 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 2,555 | 3.75 | 2,515 | 4.42 | 2,129 | 5.43 |
| Embedded Designated Support—Translations (glossary) | 850 | 1.25 | 831 | 1.46 | 1,103 | 2.81 |
| Embedded Designated Support—Turn off any Universal Tool | 1 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Non-Embedded Designated Support—Amplification | 85 | 0.12 | 64 | 0.11 | 46 | 0.12 |
| Non-Embedded Designated Support—Color Contrast | 104 | 0.15 | 90 | 0.16 | 37 | 0.09 |
| Non-Embedded Designated Support—Color Overlay | 71 | 0.10 | 58 | 0.10 | 40 | 0.10 |
| Non-Embedded Designated Support—Magnification | 273 | 0.40 | 200 | 0.35 | 100 | 0.26 |
| Non-Embedded Designated Support—Medical Device | 4 | 0.01 | 10 | 0.02 | 3 | 0.01 |
| Non-Embedded Designated Support—Noise Buffers | 1,485 | 2.18 | 1,055 | 1.85 | 354 | 0.90 |
| Non-Embedded Designated Support—Read Aloud | 3,113 | 4.56 | 2,558 | 4.50 | 1,025 | 2.61 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 622 | 0.91 | 532 | 0.94 | 463 | 1.18 |
| Non-Embedded Designated Support—Scribe | 316 | 0.46 | 207 | 0.36 | 59 | 0.15 |
| Non-Embedded Designated Support—Separate Setting | 7,546 | 11.06 | 6,219 | 10.93 | 3,364 | 8.58 |
| Non-Embedded Designated Support—Simplified Test Directions | 5,536 | 8.11 | 4,490 | 7.89 | 2,624 | 6.69 |
| Non-Embedded Designated Support—Translated Test Directions | 1,353 | 1.98 | 1,218 | 2.14 | 1,237 | 3.16 |
| Other—Unlisted Resources | 14 | 0.02 | 2 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 13,484 | 19.76 | 11,469 | 20.16 | 4,731 | 12.07 |
| Other—Designated support or accommodation is in Section 504 plan | 127 | 0.19 | 140 | 0.25 | 45 | 0.11 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Three Through Six‍—‍RFEP Students

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 3 Number** | **Grade 3 Pct. of Total** | **Grade 4 Number** | **Grade 4 Pct. of Total** | **Grade 5 Number** | **Grade 5 Pct. of Total** | **Grade 6 Number** | **Grade 6 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 8 | 0.01 | 10 | 0.02 | 7 | 0.01 | 8 | 0.01 |
| Embedded Accommodation—Braille | 1 | 0.00 | 2 | 0.00 | 4 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 7 | 0.01 | 10 | 0.02 | 15 | 0.02 | 27 | 0.03 |
| Non-Embedded Accommodation—Alternate Response Options | 6 | 0.01 | 2 | 0.00 | 15 | 0.02 | 19 | 0.02 |
| Non-Embedded Accommodation—Calculator | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 909 | 0.86 |
| Non-Embedded Accommodation—Multiplication Table | N/A | N/A | 533 | 0.84 | 1,347 | 1.55 | 2,226 | 2.11 |
| Non-Embedded Accommodation—Print on Demand | 8 | 0.01 | 11 | 0.02 | 26 | 0.03 | 31 | 0.03 |
| Non-Embedded Accommodation—Speech-to-Text | 107 | 0.17 | 120 | 0.19 | 243 | 0.28 | 297 | 0.28 |
| Non-Embedded Accommodation—Word Prediction | 37 | 0.06 | 61 | 0.10 | 139 | 0.16 | 173 | 0.16 |
| Non-Embedded Accommodation—100s Number Table | 0 | 0.00 | 253 | 0.40 | 552 | 0.64 | 561 | 0.53 |
| Embedded Designated Support—Color Contrast | 97 | 0.15 | 111 | 0.17 | 160 | 0.18 | 349 | 0.33 |
| Embedded Designated Support—Masking | 685 | 1.09 | 629 | 0.99 | 943 | 1.09 | 1,142 | 1.08 |
| Embedded Designated Support—Mouse Pointer | 149 | 0.24 | 104 | 0.16 | 98 | 0.11 | 79 | 0.07 |
| Embedded Designated Support—Permissive Mode | 41 | 0.07 | 93 | 0.15 | 129 | 0.15 | 167 | 0.16 |
| Embedded Designated Support—Print Size | 218 | 0.35 | 152 | 0.24 | 244 | 0.28 | 247 | 0.23 |
| Embedded Designated Support—Streamlining | 215 | 0.34 | 210 | 0.33 | 368 | 0.42 | 479 | 0.45 |
| Embedded Designated Support—Text-to-Speech | 6,060 | 9.68 | 5,438 | 8.54 | 8,332 | 9.61 | 9,519 | 9.02 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 602 | 0.96 | 502 | 0.79 | 519 | 0.60 | 301 | 0.29 |
| Embedded Designated Support—Translations (glossary) | 223 | 0.36 | 296 | 0.46 | 228 | 0.26 | 235 | 0.22 |
| Embedded Designated Support—Turn off any Universal Tool | 0 | 0.00 | 0 | 0.00 | 2 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 51 | 0.08 | 39 | 0.06 | 31 | 0.04 | 36 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 25 | 0.04 | 41 | 0.06 | 19 | 0.02 | 25 | 0.02 |
| Non-Embedded Designated Support—Color Overlay | 20 | 0.03 | 9 | 0.01 | 20 | 0.02 | 36 | 0.03 |
| Non-Embedded Designated Support—Magnification | 73 | 0.12 | 99 | 0.16 | 176 | 0.20 | 167 | 0.16 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 4 | 0.01 | 5 | 0.01 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 454 | 0.72 | 457 | 0.72 | 796 | 0.92 | 851 | 0.81 |
| Non-Embedded Designated Support—Read Aloud | 619 | 0.99 | 596 | 0.94 | 980 | 1.13 | 1,138 | 1.08 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 41 | 0.07 | 16 | 0.03 | 27 | 0.03 | 45 | 0.04 |
| Non-Embedded Designated Support—Scribe | 65 | 0.10 | 72 | 0.11 | 133 | 0.15 | 149 | 0.14 |
| Non-Embedded Designated Support—Separate Setting | 771 | 1.23 | 870 | 1.37 | 1,716 | 1.98 | 2,573 | 2.44 |
| Non-Embedded Designated Support—Simplified Test Directions | 921 | 1.47 | 957 | 1.50 | 1,705 | 1.97 | 2,064 | 1.96 |
| Non-Embedded Designated Support—Translated Test Directions | 84 | 0.13 | 58 | 0.09 | 104 | 0.12 | 95 | 0.09 |
| Other—Unlisted Resources | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 1,040 | 1.66 | 1,251 | 1.97 | 2,456 | 2.83 | 3,962 | 3.75 |
| Other—Designated support or accommodation is in Section 504 plan | 47 | 0.08 | 67 | 0.11 | 109 | 0.13 | 112 | 0.11 |

Table 2.B. Special Services Summary for Mathematics, CAT Grades Seven, Eight, and Eleven—RFEP Students

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Accessibility Resource** | **Grade 7 Number** | **Grade 7 Pct. of Total** | **Grade 8 Number** | **Grade 8 Pct. of Total** | **Grade 11 Number** | **Grade 11 Pct. of Total** |
| Embedded Accommodation—American Sign Language | 12 | 0.01 | 21 | 0.02 | 16 | 0.01 |
| Embedded Accommodation—Braille | 7 | 0.01 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Accommodation—Abacus | 14 | 0.01 | 21 | 0.02 | 34 | 0.02 |
| Non-Embedded Accommodation—Alternate Response Options | 9 | 0.01 | 15 | 0.01 | 23 | 0.02 |
| Non-Embedded Accommodation—Calculator | 1,563 | 1.28 | 2,256 | 1.70 | 1,508 | 1.04 |
| Non-Embedded Accommodation—Multiplication Table | 2,574 | 2.11 | 2,801 | 2.11 | 535 | 0.37 |
| Non-Embedded Accommodation—Print on Demand | 55 | 0.05 | 41 | 0.03 | 45 | 0.03 |
| Non-Embedded Accommodation—Speech-to-Text | 305 | 0.25 | 466 | 0.35 | 226 | 0.16 |
| Non-Embedded Accommodation—Word Prediction | 131 | 0.11 | 166 | 0.13 | 73 | 0.05 |
| Non-Embedded Accommodation—100s Number Table | 402 | 0.33 | 374 | 0.28 | 103 | 0.07 |
| Embedded Designated Support—Color Contrast | 163 | 0.13 | 225 | 0.17 | 930 | 0.64 |
| Embedded Designated Support—Masking | 998 | 0.82 | 1,115 | 0.84 | 2,282 | 1.58 |
| Embedded Designated Support—Mouse Pointer | 84 | 0.07 | 106 | 0.08 | 848 | 0.59 |
| Embedded Designated Support—Permissive Mode | 179 | 0.15 | 159 | 0.12 | 53 | 0.04 |
| Embedded Designated Support—Print Size | 187 | 0.15 | 211 | 0.16 | 239 | 0.17 |
| Embedded Designated Support—Streamlining | 537 | 0.44 | 528 | 0.40 | 273 | 0.19 |
| Embedded Designated Support—Text-to-Speech | 8,840 | 7.26 | 9,821 | 7.40 | 4,935 | 3.42 |
| Embedded Designated Support—Translated Test Directions (with Spanish Stacked Translation only) | 120 | 0.10 | 111 | 0.08 | 73 | 0.05 |
| Embedded Designated Support—Translations (glossary) | 172 | 0.14 | 261 | 0.20 | 423 | 0.29 |
| Embedded Designated Support—Turn off any Universal Tool | 2 | 0.00 | 3 | 0.00 | 1 | 0.00 |
| Non-Embedded Designated Support—Amplification | 54 | 0.04 | 71 | 0.05 | 48 | 0.03 |
| Non-Embedded Designated Support—Color Contrast | 26 | 0.02 | 70 | 0.05 | 37 | 0.03 |
| Non-Embedded Designated Support—Color Overlay | 14 | 0.01 | 37 | 0.03 | 26 | 0.02 |
| Non-Embedded Designated Support—Magnification | 123 | 0.10 | 150 | 0.11 | 165 | 0.11 |
| Non-Embedded Designated Support—Medical Device | 2 | 0.00 | 5 | 0.00 | 3 | 0.00 |
| Non-Embedded Designated Support—Noise Buffers | 745 | 0.61 | 826 | 0.62 | 525 | 0.36 |
| Non-Embedded Designated Support—Read Aloud | 895 | 0.74 | 1,135 | 0.85 | 566 | 0.39 |
| Non-Embedded Designated Support—Read Aloud (also for Spanish Stacked Translation) | 17 | 0.01 | 19 | 0.01 | 19 | 0.01 |
| Non-Embedded Designated Support—Scribe | 110 | 0.09 | 120 | 0.09 | 40 | 0.03 |
| Non-Embedded Designated Support—Separate Setting | 2,985 | 2.45 | 3,597 | 2.71 | 2,955 | 2.05 |
| Non-Embedded Designated Support—Simplified Test Directions | 2,065 | 1.70 | 2,517 | 1.90 | 3,362 | 2.33 |
| Non-Embedded Designated Support—Translated Test Directions | 67 | 0.06 | 92 | 0.07 | 68 | 0.05 |
| Other—Unlisted Resources | 1 | 0.00 | 3 | 0.00 | 0 | 0.00 |
| Other—Designated support or accommodation is in IEP | 5,050 | 4.15 | 6,141 | 4.62 | 4,187 | 2.90 |
| Other—Designated support or accommodation is in Section 504 plan | 137 | 0.11 | 140 | 0.11 | 111 | 0.08 |

1. Each student receives an overall ELA/literacy score and four claim scores or subscores reported at the individual level. [↑](#footnote-ref-2)
2. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-3)
3. Each student receives one PT, which includes a set of stimuli on a given topic. [↑](#footnote-ref-4)
4. The computer-adaptive test (CAT) component of the test includes only machine-scored items. [↑](#footnote-ref-5)
5. Each PT includes one research item which may be a machine-scored item or a short-text item. Each PT also has one full write that is scored across three traits: Organization/‌Purpose, Evidence/Elaboration, and Conventions. Short-text and full write items are designed for hand-scoring and may be AI scored with an application that yields comparable results by meeting or exceeding reliability and validity criteria for hand-scoring. [↑](#footnote-ref-6)
6. For the purpose of this table, Writing PTs are noted as three separate “items”; however, the Writing PT score is derived from a single student response scored on three traits. [↑](#footnote-ref-7)
7. Total items for Claim 2 include six CAT items and three items from the PT as described in footnote 6. [↑](#footnote-ref-8)
8. Each student receives an overall ELA/literacy score and four claim scores or subscores reported at the individual level. [↑](#footnote-ref-9)
9. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-10)
10. Each student receives one PT, which includes a set of stimuli on a given topic. [↑](#footnote-ref-11)
11. The CAT component of the test includes machine-scored items and short-text items. Up to two short-text items in Reading and one short-text item in Writing are designed for hand‑scoring and may be AI scored with an application that yields comparable results by meeting or exceeding reliability and validity criteria for hand-scoring. [↑](#footnote-ref-12)
12. Each PT includes one research item which may be a machine-scored item or a short-text item. Each PT also has one full write that is scored across three traits: Organization/‌Purpose, Evidence/Elaboration, and Conventions. Short-text and full write items are designed for hand-scoring and may be AI scored with an application that yields comparable results by meeting or exceeding reliability and validity criteria for hand-scoring. [↑](#footnote-ref-13)
13. For the purpose of this table, Writing PTs are noted as three separate “items”; however, the Writing PT score is derived from a single student response scored on three traits. [↑](#footnote-ref-14)
14. Total items for Claim 2 includes six CAT items and three items from the PT as described in footnote 6. [↑](#footnote-ref-15)
15. Each student receives an overall ELA/literacy score and four claim scores or subscores reported at the individual level. [↑](#footnote-ref-16)
16. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-17)
17. Each student receives one PT, which includes a set of stimuli on a given topic. [↑](#footnote-ref-18)
18. The CAT component of the test includes machine-scored items and short-text items. One or two short-text items in Reading and one short-text item in Writing are designed for hand‑scoring and may be AI scored with an application that yields comparable results by meeting or exceeding reliability and validity criteria for hand-scoring. [↑](#footnote-ref-19)
19. Each PT includes one research item which may be a machine scored item or a short-text item. Each PT also has one full write that is scored across three traits: Organization/‌Purpose, Evidence/Elaboration, and Conventions. Short-text and full write items are designed for hand-scoring and may be AI scored with an application that yields comparable results by meeting or exceeding reliability and validity criteria for hand-scoring. [↑](#footnote-ref-20)
20. For the purpose of this table, Writing PTs are noted as three separate “items”; however, the Writing PT score is derived from a single student response scored on three distinct traits. [↑](#footnote-ref-21)
21. Total Items for Claim 2 includes six CAT items and three items from the PT as described in footnote 6. [↑](#footnote-ref-22)
22. For more information on assessment targets, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-23)
23. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications. [↑](#footnote-ref-24)
24. The CAT algorithm will be configured to ensure the following:

    For Claim 1, a student will receive at least seven items at DOK 2 and two items at DOK 3 or higher.

    For Claim 2, a student will receive at least two items at DOK 2 or higher.

    For Claim 3, a student will receive at least three items at DOK 2 or higher.

    For Claim 4, CAT items are DOK 2 for all grades. [↑](#footnote-ref-25)
25. Each student will receive at least one long literary passage set and up to two additional short literary passage sets. [↑](#footnote-ref-26)
26. Each student will receive at least one long informational passage set and up to two additional short informational passage sets. [↑](#footnote-ref-27)
27. Each student will receive one item in Organization/Purpose and one item in Evidence/Elaboration, for a total of two items, assessed in Revised Brief Texts. [↑](#footnote-ref-28)
28. Language and Vocabulary Use contributes one item to Evidence/Elaboration. [↑](#footnote-ref-29)
29. For more information on assessment targets, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-30)
30. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications. [↑](#footnote-ref-31)
31. The CAT algorithm will be configured to ensure the following:

    For Claim 1, a student will receive no more than five items at DOK 1 and at least two items at DOK 3 or higher.

    For Claim 2, a student will receive at least three items at DOK 2 or higher, at least one of which will be DOK 3 or higher.

    For Claim 3, a student will receive at least three items at DOK 2 or higher.

    For Claim 4, CAT items are DOK 2 for all grades. [↑](#footnote-ref-32)
32. Each student will receive at least one literary passage set. [↑](#footnote-ref-33)
33. For the Reading Literary long passage set, students may receive up to one short answer question on either target 2 or 4. [↑](#footnote-ref-34)
34. Each student will receive at least one informational passage set and up to two additional short informational passage sets. [↑](#footnote-ref-35)
35. For the Reading Informational long passage set, students may receive up to one short answer question on either target 9 or 11. [↑](#footnote-ref-36)
36. For grade eight, the minimum number of Informational Reading items is 12 and the maximum is 12. [↑](#footnote-ref-37)
37. Each student will receive one item in Organization/Purpose and one item in Evidence/Elaboration, for a total of two items, assessed in either Write Brief Texts or Revise Brief Texts. One of these two items will be Write Brief Text. [↑](#footnote-ref-38)
38. Language and Vocabulary Use contributes one item to Evidence/Elaboration. [↑](#footnote-ref-39)
39. For more information on assessment targets, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-40)
40. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications. [↑](#footnote-ref-41)
41. The CAT algorithm will be configured to ensure the following:

    For Claim 1, a student will receive no more than four items at DOK 1 and at least three items at DOK 3 or higher.

    For Claim 2, a student will receive at least three items at DOK 2 or higher, at least one of which will be DOK 3 or higher.

    For Claim 3, a student will receive at least four items at DOK 2 or higher.

    For Claim 4, CAT items are DOK 2 for all grades. [↑](#footnote-ref-42)
42. Each student will receive at least one literary long passage set. [↑](#footnote-ref-43)
43. For the Reading Literary long set, students may receive up to one short answer question on either target 2 or 4. [↑](#footnote-ref-44)
44. Each student will receive at least one long informational passage set and up to two additional short informational passage sets. [↑](#footnote-ref-45)
45. For the Reading Informational long passage set, students may receive up to one short answer question on either target 9 or 11. [↑](#footnote-ref-46)
46. Each student will receive at least one item in Organization/Purpose and at least one item in Evidence/Elaboration, for a total of two items, assessed in either Write Brief Texts or Revise Brief Texts. One of these two items will be Write Brief Text. [↑](#footnote-ref-47)
47. Language and Vocabulary Use contributes one item to Evidence/Elaboration. [↑](#footnote-ref-48)
48. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-49)
49. All CAT items in grades three through five are designed to be machine-scored. [↑](#footnote-ref-50)
50. Each PT contains four to six total items. Up to four PT items may require hand-scoring. [↑](#footnote-ref-51)
51. While the range for the total items by Claim for Problem Solving/Modeling and Data Analysis and Communicating Reasoning indicates eight to ten items in each reporting category, the total number of items across these two reporting categories for any individual test event is 18–20. [↑](#footnote-ref-52)
52. Claim 2 (Problem Solving) and Claim 4 (Modeling and Data Analysis) have been combined because of content similarity and to provide flexibility for item development. There are still four claims, but only three claim scores will be reported with the overall math score. [↑](#footnote-ref-53)
53. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-54)
54. All CAT items in grades six through eight are designed to be machine-scored. [↑](#footnote-ref-55)
55. Each PT contains four to six total items. Up to four PT items may require hand-scoring. [↑](#footnote-ref-56)
56. While the range for the total items by Claim for Problem Solving/Modeling and Data Analysis and Communicating Reasoning indicates 8 to 10 items in each reporting category, the total number of items across these two reporting categories for any individual test event is 18–20. [↑](#footnote-ref-57)
57. Claim 2 (Problem Solving) and Claim 4 (Modeling and Data Analysis) have been combined because of content similarity and to provide flexibility for item development. There are still four claims, but only three claim scores will be reported with the overall math score. [↑](#footnote-ref-58)
58. For more information on content categories, refer to the Content Specifications document on the Smarter Balanced website. [↑](#footnote-ref-59)
59. All CAT items in grade eleven are designed to be machine-scored. [↑](#footnote-ref-60)
60. Each PT contains four to six total items. Up to six PT items may require hand-scoring. [↑](#footnote-ref-61)
61. While the range for the total items by Claim for Problem Solving/Modeling and Data Analysis and Communicating Reasoning indicates eight to ten items in each reporting category, the total number of items across these two reporting categories for any individual test event is 18–20. [↑](#footnote-ref-62)
62. Claim 2 (Problem Solving) and Claim 4 (Modeling and Data Analysis) have been combined, because of content similarity and to provide flexibility for item development. There are still four claims, but only three claim scores will be reported with the overall math score. [↑](#footnote-ref-63)
63. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-64)
64. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-65)
65. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-66)
66. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-67)
67. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-68)
68. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-69)
69. DOK: Depth of Knowledge, consistent with the Smarter Balanced Content Specifications.

    The CAT algorithm will be configured to ensure the following:

    For Claim 1, each student will receive at least seven CAT items at DOK 2 or higher.

    For combined claims 2 and 4, each student will receive at least two CAT items at DOK 3 or higher.

    For Claim 3, each student will receive at least two CAT items at DOK 3 or higher. [↑](#footnote-ref-70)