

**APPENDIX F**  
**ACCOMMODATION FREQUENCIES**

**Table F-1. Numbers of Students with IEPs/504 Plans Tested with and without Accommodations by Content Area and Grade\***

Content Area	Grade	Total Number of Students Tested	Total Number of Students with IEPs/504 Plans Tested with Accommodations	Total Number of Students with IEPs/504 Plans Tested without Accommodations
ELA	3	63,254	8,644	7,231
	4	64,641	10,907	6,100
	5	64,772	12,011	5,585
	6	65,738	12,329	5,527
	7	65,800	12,353	5,512
	8	67,559	12,493	5,761
	10	69,807	11,629	6,410
	<b>Total</b>		<b>461,571</b>	<b>80,366</b>
Mathematics	3	64,614	9,986	5,960
	4	65,890	11,890	5,127
	5	66,027	12,629	4,981
	6	66,929	12,765	5,078
	7	66,931	12,699	5,164
	8	68,582	12,736	5,480
	10	70,644	11,671	6,203
	<b>Total</b>		<b>469,617</b>	<b>84,376</b>
STE	5	65,901	12,351	5,219
	8	68,326	12,383	5,709
	<b>Total</b>	<b>134,227</b>	<b>24,734</b>	<b>10,928</b>
Biology	HS	56,500	8,907	5,215
Introductory Physics	HS	14,326	2,277	1,216

\*Includes English Learners with IEP/504 Plans.

**Table F-2. Numbers of English Learners (ELs) without Disabilities Tested with and without EL Accommodations by Content Area and Grade**

Content Area	Grade	Total Number of Students Tested	Total Number of ELs Tested with EL Accommodations	Total Number of ELs Tested without EL Accommodations
ELA	3	63,254	91	7,499
	4	64,641	183	6,231
	5	64,772	127	3,861
	6	65,738	84	3,170
	7	65,800	108	3,459
	8	67,559	102	3,261
	10	69,807	155	4,090
	<b>Total</b>		<b>461,571</b>	<b>850</b>
Mathematics	3	64,614	5,841	3,005
	4	65,890	5,301	2,336
	5	66,027	3,755	1,436
	6	66,929	2,919	1,500
	7	66,931	2,896	1,855
	8	68,582	2,720	1,744
	10	70,644	2,567	2,832
	<b>Total</b>		<b>469,617</b>	<b>25,999</b>
STE	5	65,901	3,737	1,437
	8	68,326	2,775	1,701
	<b>Total</b>	<b>134,227</b>	<b>6,512</b>	<b>3,138</b>
Biology	HS	56,500	2,961	2,429
Introductory Physics	HS	14,326	546	506

**Table F-3. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—ELA**

Accommodation Description	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Paper-Based Test Edition	186	218	192	178	156	148	262
Large-Print Test Edition	10	14	14	10	21	17	16
Screen Reader Edition	2	2	6	3	4	5	5
Compatible Assistive Technology	8	6	20	16	19	16	8
Braille Test Edition	2	0	0	1	7	3	1
Human Read-Aloud as a Special Access Accommodation	1,131	1,164	925	611	498	430	481
Human Signer as a Special Access Accommodation	15	10	14	18	8	12	21
Text-to-Speech as a Special Access Accommodation	1,438	1,499	1,451	1,477	1,471	1,374	1,456
Human Scribe as a Special Access Accommodation	1,026	1,033	864	602	460	366	308
Speech-to-Text as a Special Access Accommodation	497	699	735	634	479	406	247
Typed Responses	5	11	12	26	27	22	38
Spell Checker as a Special Access Accommodation	318	438	606	723	817	831	947
Word Prediction as a Special Access Accommodation	155	247	281	384	374	349	329
Graphic Organizer / Supplemental Reference Sheet	8,118	10,369	11,622	12,015	12,070	12,233	11,345
Web Extension	455	678	691	627	476	380	179
<b>Total*</b>	<b>13,366</b>	<b>16,388</b>	<b>17,433</b>	<b>17,325</b>	<b>16,887</b>	<b>16,592</b>	<b>15,643</b>

\* The totals may differ from those in Table F-1 because individual students may have more than one accommodation.

**Table F-4. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—Mathematics**

Accommodation Description	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Paper-Based Test Edition	178	212	195	172	163	162	276
Large-Print Test Edition	10	10	11	10	17	13	19
Screen Reader Edition	1	5	4	2	2	6	6
Compatible Assistive Technology	2	11	7	4	7	8	7
Braille Test Edition	2	0	1	1	5	2	0
Human Read-Aloud	2,042	2,195	1,783	1,187	861	796	833
Human Signer	22	13	22	22	18	33	8
Text-to-Speech	5,169	5,947	6,117	6,059	5,583	5,137	3,254
ASL Video Edition	0	0	0	0	0	0	19
Human Scribe	1,032	1,193	1,064	814	589	499	316
Speech-to-Text	391	478	579	558	453	409	240
Typed Responses	1	4	4	12	15	11	4
Calculation Device as a Special Access Accommodation	505	805	1,097	1,433	1,793	1,994	2,639
Spanish-English Edition	0	0	0	0	0	0	51
Graphic Organizer / Supplemental Reference Sheet	8,164	10,386	11,522	11,955	12,022	12,097	11,142
<b>Total*</b>	<b>17,519</b>	<b>21,259</b>	<b>22,406</b>	<b>22,229</b>	<b>21,528</b>	<b>21,167</b>	<b>18,814</b>

\* The totals may differ from those in Table F-1 because individual students may have more than one accommodation.

**Table F-5. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—STE**

Accommodation Description	Grade 5	Grade 8
Paper-Based Test Edition	173	146
Large-Print Test Edition	11	0
Screen Reader Edition	3	6
Compatible Assistive Technology	4	10
Braille Test Edition	1	2
Human Read-Aloud	1,731	773
Human Signer	21	30
Text-to-Speech	6,010	4,921
Human Scribe	1,009	451
Speech-to-Text	712	487
Typed Responses	5	8
Calculation Device	6	26
Spell Checker	2	11
Graphic Organizer / Supplemental Reference Sheet	11,101	11,804
Web Extension	430	215
<b>Total*</b>	<b>21,219</b>	<b>18,890</b>

\* The totals may differ from those in Table F-1 because individual students may have more than one accommodation.

**Table F-6. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—Biology**

Accommodation Description	Grade 9	Grade 10
Paper-Based Test Edition	116	48
Large-Print Test Edition	4	1
Screen Reader Edition	1	1
Compatible Assistive Technology	0	0
Braille Test Edition	0	0
Human Read-Aloud	410	161
Human Signer	5	3
Text-to-Speech	2,187	748
ASL Video Edition	14	1
Human Scribe	180	77
Speech-to-Text	194	71
Typed Responses	1	0
Word Prediction	33	13
Spanish-English Edition	30	12
Graphic Organizer / Supplemental Reference Sheet	6,212	2,313
Web Extension	89	24
<b>Total*</b>	<b>9,476</b>	<b>3,473</b>

\* The totals may differ from those in Table F-1 because individual students may have more than one accommodation.

**Table F-7. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—Introductory Physics**

Accommodation Description	Grade 9	Grade 10
Paper-Based Test Edition	30	7
Large-Print Test Edition	2	1
Screen Reader Edition	0	0
Compatible Assistive Technology	1	0
Braille Test Edition	1	0
Human Read-Aloud	94	11
Human Signer	2	1
Text-to-Speech	664	33
ASL Video Edition	0	5
Human Scribe	54	4
Speech-to-Text	53	3
Typed Responses	0	0
Word Prediction	6	0
Spanish-English Edition	4	2
Graphic Organizer / Supplemental Reference Sheet	2,033	107
Web Extension	0	0
<b>Total*</b>	<b>2,942</b>	<b>173</b>

\* The totals may differ from those in Table F-1 because individual students may have more than one accommodation.

**Table F-8. Numbers of English Learners without Disabilities Tested with EL Accommodations by Accommodation Type and Grade—ELA<sup>1</sup>**

Accommodation Description	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Paper-Based Test Edition <sup>2</sup>	1	2	3	0	3	2	49
Human Read-Aloud as a Special Access Accommodation	8	6	3	2	2	1	4
Text-to-Speech	43	101	70	44	39	63	101
Human Scribe as a Special Access Accommodation	5	7	3	3	1	4	0
Speech-to-Text as a Special Access Accommodation	2	3	5	5	10	3	20
<b>Total</b>	<b>59</b>	<b>119</b>	<b>84</b>	<b>54</b>	<b>55</b>	<b>73</b>	<b>174</b>

<sup>1</sup> DESE does not collect data on three EL accommodations available for the ELA tests (Approved Bilingual Word-to-Word Dictionaries, Test Administrator Clarifies General Directions in English, and Test Administrator Clarifies General Directions in Native Language).

<sup>2</sup> The Paper-Based Test Edition accommodation is only available to first-year English learners.

**Table F-9. Numbers of English Learners without Disabilities Tested with EL Accommodations by Accommodation Type and Grade—Mathematics**

Accommodation Description	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Paper-Based Test Edition <sup>1</sup>	11	5	3	18	21	15	131
Human Read-Aloud	420	370	197	38	44	30	32
Text-to-Speech	5,403	4,909	3,531	2,855	2,823	2,666	796
Human Scribe	123	94	82	18	7	13	10
Speech-to-Text	71	56	58	51	70	49	23
Spanish-English Edition <sup>2</sup>	0	0	0	0	0	0	1,710
<b>Total</b>	<b>6,028</b>	<b>5,434</b>	<b>3,871</b>	<b>2,980</b>	<b>2,965</b>	<b>2,773</b>	<b>2,702</b>

*1 The Paper-Based Test Edition accommodation is only available to first-year English learners.*

*2 The Spanish-English Edition is only available for grade 10.*

**Table F-10. Numbers of English Learners without Disabilities Tested with EL Accommodations by Accommodation Type and Grade—STE**

Accommodation Description	Grade 5	Grade 8
Paper-Based Test Edition <sup>1</sup>	3	0
Human Read-Aloud	174	23
Text-to-Speech	3,535	2,732
Human Scribe	53	9
Speech-to-Text	117	56
<b>Total</b>	<b>3,882</b>	<b>2,820</b>

*1 The Paper-Based Test Edition accommodation is only available to first-year English learners.*

**Table F-11. Numbers of English Learners without Disabilities Tested with EL Accommodations by Accommodation Type and Grade—Biology**

Accommodation Description	Grade 9	Grade 10
Paper-Based Test Edition <sup>1</sup>	23	65
Human Read-Aloud	22	4
Text-to-Speech	718	353
Human Scribe	6	3
Speech-to-Text	14	21
Spanish-English Edition	1,119	730
<b>Total</b>	<b>1,902</b>	<b>1,176</b>

*1 The Paper-Based Test Edition accommodation is only available to first-year English learners.*

**Table F-12. Numbers of English Learners without Disabilities Tested with EL Accommodations by Accommodation Type and Grade—Introductory Physics**

Accommodation Description	Grade 9	Grade 10
Paper-Based Test Edition <sup>1</sup>	22	25
Human Read-Aloud	10	6
Text-to-Speech	200	36
Human Scribe	3	6
Speech-to-Text	5	0
Spanish-English Edition	174	119
<b>Total</b>	<b>414</b>	<b>192</b>

*1 The Paper-Based Test Edition accommodation is only available to first-year English learners.*