

**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	64,040	7,889	7,201
	4	64,511	10,294	6,027
	5	65,784	11,344	5,874
	6	65,941	11,961	5,445
	7	67,614	12,184	5,614
	8	69,916	12,204	5,996
	10	67,437	10,586	6,356
	<b>Total</b>	<b>465,243</b>	<b>76,462</b>	<b>42,513</b>
Mathematics	3	64,988	9,138	5,982
	4	65,380	11,087	5,228
	5	66,669	12,090	5,157
	6	66,644	12,277	5,079
	7	68,145	12,393	5,337
	8	70,452	12,439	5,676
	10	67,351	10,737	6,030
	<b>Total</b>	<b>469,629</b>	<b>80,161</b>	<b>38,489</b>
STE	5	66,436	11,700	5,466
	8	70,022	12,055	5,904
	<b>Total</b>	<b>136,458</b>	<b>23,755</b>	<b>11,370</b>
Biology	HS	57,172	8,820	5,474
Introductory Physics	HS	14,162	2,180	1,270

\*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	64,040	99	7,498
	4	64,511	109	6,166
	5	65,784	103	4,358
	6	65,941	96	3,314
	7	67,614	121	3,271
	8	69,916	82	3,507
	10	67,437	92	3,642
	<b>Total</b>	<b>465,243</b>	<b>702</b>	<b>31,756</b>
Mathematics	3	64,988	5,046	3,445
	4	65,380	4,517	2,614
	5	66,669	3,389	1,928
	6	66,644	2,582	1,585
	7	68,145	2,259	1,760
	8	70,452	2,320	1,955
	10	67,351	1,913	2,059
	<b>Total</b>	<b>469,629</b>	<b>22,026</b>	<b>15,346</b>
STE	5	66,436	3,368	1,935
	8	70,022	2,313	1,937
	<b>Total</b>	<b>136,458</b>	<b>5,681</b>	<b>3,872</b>
Biology	HS	57,172	2,424	2,481
Introductory Physics	HS	14,162	435	498

**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	203	215	223	198	169	167	306
Large Print Test Edition	10	13	11	198	18	21	22
Screen Reader Edition	1	3	0	4	8	11	2
Compatible Assistive Technology	5	19	9	8	9	5	6
Braille Test Edition	0	1	2	3	3	4	2
Human Read-Aloud as a Special Access Accommodation	1,077	1,050	862	579	537	457	463
Human Signer as a Special Access Accommodation	9	14	21	8	17	15	16
Text-to-Speech as a Special Access Accommodation	1,146	1,265	1,228	1,337	1,366	1,378	1,047
Human Scribe as a Special Access Accommodation	881	999	916	688	536	424	274
Speech-to-Text as a Special Access Accommodation	385	545	553	478	424	351	177
Typed Responses	1	7	16	18	20	11	39
Spell-checker as a Special Access Accommodation	269	424	540	656	680	799	710
Word Prediction as a Special Access Accommodation	119	206	257	284	294	338	229
Graphic Organizer / Supplemental Reference Sheet	7,297	9,821	10,984	11,538	11,870	11,944	10,298
Web Extension	324	475	505	431	335	308	117
<b>Total*</b>	<b>11,727</b>	<b>15,057</b>	<b>16,127</b>	<b>16,428</b>	<b>16,286</b>	<b>16,233</b>	<b>13,708</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	190	216	230	205	183	177	370
Large Print Test Edition	9	14	10	14	15	18	18
Screen Reader Edition	2	2	0	3	5	6	7
Compatible Assistive Technology	6	10	10	14	11	1	5
Braille Test Edition	0	1	1	2	2	4	3
Human Read-Aloud	1,990	2,107	1,832	1,272	1,063	915	935
Human Signer	8	20	25	11	24	25	5
Text-to-Speech	4,533	5,243	5,778	5,553	5,250	4,700	2,411
ASL Video Edition	N/A	N/A	N/A	N/A	N/A	N/A	17
Human Scribe	897	991	974	708	562	453	294
Speech-to-Text	315	400	502	468	423	311	178
Typed Responses	1	6	12	10	7	4	2
Calculation Device as a Special Access Accommodation	484	812	1,042	1,365	1,615	1,958	2,254
Spanish-English Edition	0	0	0	0	0	0	37
Graphic Organizer / Supplemental Reference Sheet	7,386	9,669	11,019	11,422	11,673	11,824	10,230
<b>Total*</b>	<b>15,821</b>	<b>19,491</b>	<b>21,435</b>	<b>21,047</b>	<b>20,833</b>	<b>20,396</b>	<b>16,712</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	214	149
Large Print Test Edition	9	23
Screen Reader Edition	0	7
Compatible Assistive Technology	8	2
Braille Test Edition	0	4
Human Read-Aloud	1,767	884
Human Signer	22	25
Text-to-Speech	5,564	4,508
Human Scribe	914	417
Speech-to-Text	592	385
Typed Responses	12	5
Calculation Device	99	333
Spell-checker	2	2
Graphic Organizer / Supplemental Reference Sheet	10,583	11,425
Web Extension	308	124
<b>Total*</b>	<b>20,094</b>	<b>18,293</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	175	65
Large Print Test Edition	10	0
Screen Reader Edition	2	1
Compatible Assistive Technology	3	3
Braille Test Edition	0	0
Human Read-Aloud	484	178
Human Signer	4	5
Text-to-Speech	1,799	602
ASL Video Edition	12	1
Human Scribe	150	60
Speech-to-Text	140	40
Typed Responses	12	2
Word Prediction	17	14
Spanish-English Edition	27	14
Graphic Organizer / Supplemental Reference Sheet	6,035	2,446
Web Extension	57	16
<b>Total*</b>	<b>8,927</b>	<b>3,447</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	18	8
Large Print Test Edition	6	0
Screen Reader Edition	2	0
Compatible Assistive Technology	0	0
Braille Test Edition	0	0
Human Read-Aloud	140	14
Text-to-Speech	563	44
ASL Video Edition	3	1
Human Scribe	56	2
Speech-to-Text	52	2
Word Prediction	12	0
Spanish-English Edition	5	2
Graphic Organizer / Supplemental Reference Sheet	1,920	150
Web Extension	28	0
<b>Total*</b>	<b>2,805</b>	<b>223</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	0	1	1	0	2	49
Human Read-Aloud as a Special Access Accommodation	9	8	4	3	2	3	3
Text-to-Speech	32	41	45	54	86	50	41
Human Scribe as a Special Access Accommodation	8	4	2	6	0	1	1
Speech-to-Text as a Special Access Accommodation	1	8	2	4	6	10	1
<b>Total</b>	<b>51</b>	<b>61</b>	<b>54</b>	<b>68</b>	<b>94</b>	<b>66</b>	<b>95</b>

<sup>1</sup> DESE does not collect data on three EL accommodations available for the next-generation 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>	27	10	7	9	12	5	88
Human Read-Aloud	365	303	137	69	47	50	37
Text-to-Speech	4,657	4,196	3,229	2,488	2,191	2,250	702
Human Scribe	54	51	31	18	17	22	13
Speech-to-Text	38	54	39	53	40	15	28
Spanish-English Edition <sup>2</sup>	N/A	N/A	N/A	N/A	N/A	N/A	1,009
<b>Total</b>	<b>5,141</b>	<b>4,614</b>	<b>3,443</b>	<b>2,637</b>	<b>2,307</b>	<b>2,342</b>	<b>1,877</b>

<sup>1</sup> The Paper-Based Test Edition accommodation is only available to first-year English learners.

<sup>2</sup> 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>	5	2
Human Read-Aloud	142	50
Text-to-Speech	3,204	2,244
Human Scribe	32	20
Speech-to-Text	60	29
<b>Total</b>	<b>3,443</b>	<b>2,345</b>

<sup>1</sup> 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>	44	47
Human Read-Aloud	30	10
Text-to-Speech	605	170
Human Scribe	3	1
Speech-to-Text	13	1
Spanish-English Edition	1,053	527
<b>Total</b>	<b>695</b>	<b>229</b>

<sup>1</sup> 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>	25	11
Human Read-Aloud	14	0
Text-to-Speech	159	28
Human Scribe	11	0
Speech-to-Text	7	4
Spanish-English Edition	150	87
<b>Total</b>	<b>216</b>	<b>43</b>

<sup>1</sup> The Paper-Based Test Edition accommodation is only available to first-year English learners.