

**APPENDIX E**

**ACCOMMODATION FREQUENCIES**

**Table E-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
Biology	9	38,372	5,487	2,846
	10	15,426	3,009	1,122
	<b>Total</b>	<b>53,798</b>	<b>8,496</b>	<b>3,968</b>
Chemistry	9	27	0	1
	10	316	29	25
	<b>Total</b>	<b>343</b>	<b>29</b>	<b>26</b>
Introductory Physics	9	13,841	2,322	908
	10	986	162	71
	<b>Total</b>	<b>14,827</b>	<b>2,484</b>	<b>979</b>
Technology/Engineering	9	1,706	505	137
	10	129	44	11
	<b>Total</b>	<b>1,835</b>	<b>549</b>	<b>148</b>

\*Includes English Learners with IEPs/504 Plans.

**Table E-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 ELs Tested with EL Accommodations	Total Number of ELs Tested without EL Accommodations
Biology	9	95	1,379
	10	48	1,021
	<b>Total</b>	<b>143</b>	<b>2,400</b>
Chemistry	9	0	3
	10	0	9
	<b>Total</b>	<b>0</b>	<b>12</b>
Introductory Physics	9	37	619
	10	0	93
	<b>Total</b>	<b>37</b>	<b>712</b>
Technology/Engineering	9	1	49
	10	0	14
	<b>Total</b>	<b>1</b>	<b>63</b>

**Table E-3. Numbers of Students with IEPs/504 Plans  
Tested with Accommodations by Accommodation Type and Grade—High School Biology**

Accommodation Description	Grade 9	Grade 10
Large Print Test Edition	41	17
Braille Test Edition	5	2
Human Read-Aloud	1,054	706
Human Signer	12	4
Kurzweil Text Reader	18	2
Human Scribe	183	77
Speech-to-Text	21	21
Typed Responses	569	485
Reference Sheet	4,012	2,301
Any Other Accommodations	4,562	2,288
<b>Total*</b>	<b>10,477</b>	<b>5,903</b>

*\*The totals are larger than those in Table E-1 because individual students may have more than one accommodation.*

**Table E-4. Numbers of Students with IEPs/504 Plans  
Tested with Accommodations by Accommodation Type and Grade—High School Chemistry**

Accommodation Description	Grade 9	Grade 10
Large Print Test Edition	0	0
Braille Test Edition	0	0
Human Read-Aloud	0	2
Human Signer	0	0
Kurzweil Text Reader	0	0
Human Scribe	0	1
Speech-to-Text	0	0
Typed Responses	0	9
Reference Sheet	0	20
Any Other Accommodations	0	23
<b>Total*</b>	<b>0</b>	<b>55</b>

*\*The totals are larger than those in Table E-1 because individual students may have more than one accommodation.*

**Table E-5. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—High School Introductory Physics**

Accommodation Description	Grade 9	Grade 10
Large Print Test Edition	25	2
Braille Test Edition	2	0
Human Read-Aloud	417	21
Human Signer	6	0
Kurzweil Text Reader	13	2
Human Scribe	68	2
Speech-to-Text	12	0
Typed Responses	286	36
Reference Sheet	1,836	122
Any Other Accommodations	1,710	136
<b>Total*</b>	<b>4,375</b>	<b>321</b>

*\*The totals are larger than those in Table E-1 because individual students may have more than one accommodation.*

**Table E-6. Numbers of Students with IEPs/504 Plans Tested with Accommodations by Accommodation Type and Grade—High School Technology/Engineering**

Accommodation Description	Grade 9	Grade 10
Large Print Test Edition	2	0
Braille Test Edition	1	0
Human Read-Aloud	126	8
Human Signer	0	1
Kurzweil Text Reader	17	0
Human Scribe	19	0
Speech-to-Text	4	0
Typed Responses	49	4
Reference Sheet	393	37
Any Other Accommodations	439	40
<b>Total*</b>	<b>1,050</b>	<b>90</b>

*\*The totals are larger than those in Table E-1 because individual students may have more than one accommodation.*

**Table E-7. Numbers of English Learners without Disabilities  
Tested with EL Accommodations by Accommodation Type and Grade—High School Biology**

Accommodation Description	Grade 9	Grade 10
Human Read-Aloud	93	46
Kurzweil Text Reader	0	0
Human Scribe	9	2
Speech-to-Text	0	0
<b>Total</b>	<b>102</b>	<b>48</b>

**Table E-8. Numbers of English Learners without Disabilities Tested with EL Accommodations  
by Accommodation Type and Grade—High School Introductory Physics**

Accommodation Description	Grade 9	Grade 10
Human Read-Aloud	37	0
Kurzweil Text Reader	0	0
Human Scribe	0	0
Speech-to-Text	0	0
<b>Total</b>	<b>37</b>	<b>0</b>

**Table E-9. Numbers of English Learners without Disabilities Tested with EL Accommodations  
by Accommodation Type and Grade—High School Technology/Engineering**

Accommodation Description	Grade 9	Grade 10
Human Read-Aloud	1	0
Kurzweil Text Reader	0	0
Human Scribe	1	0
Speech-to-Text	0	0
<b>Total</b>	<b>2</b>	<b>0</b>