

# **APPENDIX H**

## **ITEM-LEVEL SCORE DISTRIBUTIONS**

**Table H-1. Item-Level Score Distributions for SR, CR, and ES Items—ELA**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point				
				0	1	2	3	4
3	EL293264#SCORE_TRAIT_Ideadev	65,102	4	14.42	34.98	31.40	14.62	4.10
	EL715954244#SCORE_TRAIT_Conv	65,102	3	7.89	68.88	19.07	3.26	
	EL293264#SCORE_TRAIT_Conv	65,102	3	14.65	34.56	31.55	18.76	
	EL715954244#SCORE_TRAIT_Ideadev	65,102	4	8.59	68.82	18.67	2.61	0.42
	EL708642952	65,081	3	25.48	31.23	37.06	5.62	
4	EL707254137#SCORE_TRAIT_Ideadev	66,946	4	9.23	50.24	31.28	7.32	1.54
	EL707254137#SCORE_TRAIT_Conv	66,946	3	14.67	46.17	30.61	8.14	
	EL710438990#SCORE_TRAIT_Conv	66,946	3	19.74	37.18	28.73	13.95	
	EL710438990#SCORE_TRAIT_Ideadev	66,946	4	17.72	37.21	30.78	11.25	2.63
	EL712438196	66,938	3	9.49	18.19	57.87	14.22	
5	EL624182427#SCORE_TRAIT_Conv	69,337	3	9.39	38.31	36.03	16.08	
	EL624182427#SCORE_TRAIT_Ideadev	69,337	4	12.59	35.31	35.16	14.15	2.59
	EL709062207#SCORE_TRAIT_Ideadev	69,337	4	8.40	54.87	26.24	8.91	1.26
	EL709229186#SCORE_TRAIT_Conv	69,337	3	6.79	41.17	26.32	25.53	
	EL709062207#SCORE_TRAIT_Conv	69,337	3	15.07	47.39	26.88	10.35	
6	EL709229186#SCORE_TRAIT_Ideadev	69,337	4	27.59	20.41	25.37	17.93	8.50
	EL710355409#SCORE_TRAIT_Ideadev	68,998	5	7.06	25.99	35.96	22.02	6.97
	EL710355409#SCORE_TRAIT_Conv	68,998	3	12.08	25.40	33.14	29.13	
	EL707351199#SCORE_TRAIT_Ideadev	68,998	5	14.43	24.14	30.04	20.11	7.90
	EL712756190#SCORE_TRAIT_Ideadev	68,998	5	12.35	31.52	37.04	13.88	3.91
	EL712756190#SCORE_TRAIT_Conv	68,998	3	15.18	30.40	36.17	17.87	
7	EL707351199#SCORE_TRAIT_Conv	68,998	3	13.92	25.76	28.38	31.43	
	EL285797#SCORE_TRAIT_Conv	68,752	3	10.52	32.87	41.69	14.36	
	EL707935717#SCORE_TRAIT_Conv	68,752	3	9.10	21.49	34.39	34.57	
	EL707935717#SCORE_TRAIT_Ideadev	68,752	5	4.82	23.00	35.17	26.54	7.68
	EL285797#SCORE_TRAIT_Ideadev	68,752	5	6.62	36.24	42.11	11.96	2.24
	EL714343909#SCORE_TRAIT_Conv	68,752	3	21.35	22.14	27.09	28.77	
8	EL714343909#SCORE_TRAIT_Ideadev	68,752	5	19.69	18.89	32.30	18.01	8.31
	EL709184717#SCORE_TRAIT_Ideadev	68,474	5	3.35	21.41	36.68	26.33	9.15
	EL709184717#SCORE_TRAIT_Conv	68,474	3	9.52	19.12	35.97	34.70	
	EL714447652#SCORE_TRAIT_Conv	68,474	3	12.05	27.58	33.41	25.75	
	EL709130565#SCORE_TRAIT_Ideadev	68,474	5	7.19	19.38	30.06	29.94	10.08
	EL714447652#SCORE_TRAIT_Ideadev	68,474	5	16.04	23.63	31.88	18.83	6.97
10	EL709130565#SCORE_TRAIT_Conv	68,474	3	8.11	18.61	30.84	41.73	
	EL700561282#SCORE_TRAIT_Conv	67,643	3	3.96	12.81	29.85	52.35	
	EL700561282#SCORE_TRAIT_Ideadev	67,643	5	3.07	12.84	29.51	28.25	21.38
	EL713447252#SCORE_TRAIT_Conv	67,643	3	3.29	9.27	25.56	61.11	
	EL713447252#SCORE_TRAIT_Ideadev	67,643	5	2.89	9.29	24.13	33.43	24.86

**Table H-2. Item-Level Score Distributions for SR, SA, and CR Items—Mathematics**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point				
				0	1	2	3	4
3	MA724333304	65,178	3	22.46	19.61	23.65	34.11	
	MA724333304_PA	1,812	3	22.24	26.38	22.35	28.86	
	MA283013A	65,179	3	27.07	41.72	7.67	23.37	
	MA703131543	65,176	3	39.47	30.86	8.21	21.19	
	MA703084007	65,171	3	44.29	35.71	10.11	9.48	
4	MA311583	66,935	4	8.25	41.24	17.94	20.17	12.31
	MA713939739	66,930	4	10.59	8.27	16.04	28.93	35.99
	MA307317	66,935	4	13.31	10.10	37.12	28.11	11.24
	MA704653374	66,922	2	16.70	39.32	43.88		
	MA293812	66,931	4	16.16	17.95	44.76	8.75	12.26
5	MA306457	69,302	4	18.75	12.85	12.68	18.56	37.00
	MA715102462	69,313	4	12.96	17.12	35.62	12.48	21.54
	MA280511	69,314	4	21.00	20.58	26.16	23.08	8.99
	MA624358270	69,303	2	26.76	44.08	29.09		
	MA303765	69,311	4	20.42	11.47	24.27	12.16	31.50
6	MA713935781	68,938	4	29.55	15.44	15.12	20.22	19.20
	MA290253	68,938	4	20.17	25.89	26.44	10.56	16.60
	MA714375741	68,934	2	17.05	55.37	27.53		
	MA703251109	68,933	4	9.82	9.99	14.23	36.04	29.48
	MA703253363	68,942	4	27.50	20.98	13.73	19.05	18.32
7	MA703943771	68,671	4	35.28	18.04	12.12	19.30	14.27
	MA306566	68,659	4	38.57	19.17	12.84	16.71	10.54
	MA302339	68,683	4	10.51	12.95	21.04	26.27	28.75
	MA715009326_PA	1,439	4	24.74	23.35	22.38	22.65	6.46
	MA624055700	68,660	2	30.67	49.06	20.22		
	MA715009326	68,679	4	12.33	16.51	22.64	32.17	15.95
8	MA704872840	68,316	4	12.17	15.74	12.48	12.92	45.30
	MA311433	68,338	4	12.17	31.01	23.50	18.66	13.29
	MA301680	68,330	4	17.36	36.68	21.97	15.26	7.26
	MA301485	68,336	4	12.54	29.64	21.65	13.30	21.09
	MA704844913	68,306	2	7.16	36.51	56.19		
	MA301485_PA	1,455	4	20.14	45.98	14.23	10.24	7.15
10	MA713747232	67,109	2	32.00	42.51	25.36		
	MA713808123	67,116	4	13.94	15.92	24.06	38.97	5.63
	MA298055	67,118	4	16.47	30.33	27.78	15.05	7.91
	MA713830822	67,112	2	5.01	21.80	73.00		
	MA713808101	67,118	2	28.16	34.79	36.91		
	MA294702	67,117	4	10.96	27.49	22.79	18.39	19.50
	MA285498	67,110	4	27.16	15.47	13.14	12.93	29.41

**Table H-3. Item-Level Score Distributions for SR, SA, and CR Items—STE**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point				
				0	1	2	3	4
5	SC629275027	69,318	3	43.44	41.48	10.96	3.78	
	SC632573162_PA	1,675	2	23.16	41.31	35.52		
	SC626964014	69,312	3	10.41	20.83	36.50	32.08	
	SC626958463	69,308	2	7.00	46.84	45.96		
	SC706151588	69,320	3	34.47	27.33	26.75	11.28	
	SC717447439	69,318	3	13.78	31.65	41.39	12.86	
	SC632573162	69,317	2	35.59	47.60	16.75		
8	SC633167889	68,266	3	29.54	43.25	20.97	4.89	
	SC315862	68,275	3	43.10	34.68	15.28	5.55	
	SC632264517	68,258	2	14.89	32.74	52.26		
	SC632264517_PA	1,330	2	17.52	34.36	48.05		
	SC725332664	68,265	2	39.07	44.22	15.60		
	SC631744146_PA	1,330	3	38.72	33.68	20.83	2.71	
	SC709749768	68,271	3	13.74	31.13	39.20	15.29	
SC631744146	68,268	3	22.91	33.09	32.85	10.13		

**Table H-4. Item-Level Score Distributions—Alt/ELA**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
3	comp1	939	5	0.00	0.00	5.22	94.57	0.21	0.00
	comp2		5	0.00	0.00	6.28	93.50	0.21	0.00
	comp3		5	0.00	0.00	7.14	92.65	0.21	0.00
	gp1		2	0.00	19.70	80.30			
	gp2		2	0.00	39.08	60.92			
	gp3		2	0.00	0.00	100.00			
	ind1		4	2.56	1.06	1.70	11.40	83.28	
	ind2		4	4.58	1.06	2.66	13.74	77.96	
	ind3		4	4.26	1.81	8.63	26.30	59.00	
	se1		2	0.96	0.32	98.72			
	se2		2	0.53	0.64	98.83			
	se3		2	1.28	1.06	97.66			
	sk1		4	2.56	0.21	0.43	8.52	88.29	
	sk2		4	4.58	0.00	0.75	7.99	86.69	
	sk3		4	4.26	34.61	24.28	32.91	3.94	
4	comp1	968	5	0.00	0.00	4.55	95.25	0.21	0.00
	comp2		5	0.00	0.00	4.86	94.94	0.21	0.00
	comp3		5	0.00	0.00	6.61	93.18	0.21	0.00
	gp1		2	0.00	20.66	79.34			
	gp2		2	0.00	40.50	59.50			
	gp3		2	0.00	0.52	99.48			
	ind1		4	2.07	0.83	2.07	11.26	83.78	
	ind2		4	5.68	0.31	2.79	11.05	80.17	
	ind3		4	3.10	1.03	7.33	26.14	62.40	
	se1		2	1.55	0.21	98.24			
	se2		2	1.45	0.62	97.93			
	se3		2	1.24	0.21	98.55			
	sk1		4	2.07	0.00	0.52	8.78	88.64	
	sk2		4	5.68	0.00	0.62	9.40	84.30	
	sk3		4	3.10	29.03	25.52	38.22	4.13	
5	comp1	1,056	5	0.00	0.00	3.60	96.02	0.28	0.09
	comp2		5	0.00	0.00	4.07	95.55	0.38	0.00
	comp3		5	0.00	0.00	5.40	94.32	0.28	0.00
	gp1		2	0.00	23.86	76.14			
	gp2		2	0.00	42.52	57.48			
	gp3		2	0.00	0.28	99.72			
	ind1		4	2.27	1.04	2.56	10.61	83.52	
	ind2		4	6.72	0.57	2.56	12.97	77.18	
	ind3		4	3.13	1.61	7.58	25.28	62.41	
	se1		2	1.04	0.76	98.20			
	se2		2	0.95	0.47	98.58			
	se3		2	1.14	0.76	98.11			
	sk1		4	2.27	0.09	0.95	8.24	88.45	
	sk2		4	6.72	0.28	1.33	10.89	80.78	
	sk3		4	3.13	28.13	22.44	41.38	4.92	
6	comp1	908	5	0.00	0.00	1.87	96.81	1.21	0.11
	comp2		5	0.00	0.00	2.86	96.15	0.99	0.00
	comp3		5	0.00	0.00	4.63	94.16	1.21	0.00
	gp1		2	0.00	26.21	73.79			
	gp2		2	0.00	43.94	56.06			
	gp3		2	0.00	0.11	99.89			
	ind1		4	2.09	0.33	2.64	10.46	84.47	
	ind2		4	10.68	0.33	2.20	11.45	75.33	
	ind3		4	4.19	1.65	7.27	24.12	62.78	

continued

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
6	se1	908	2	1.10	0.00	98.90			
	se2		2	1.65	0.33	98.02			
	se3		2	1.32	0.66	98.02			
	sk1		4	2.09	0.00	1.43	5.51	90.97	
	sk2		4	10.68	0.11	0.99	7.16	81.06	
	sk3		4	4.19	23.90	26.87	40.97	4.07	
7	comp1	954	5	0.00	0.00	3.56	95.28	0.94	0.21
	comp2		5	0.00	0.00	4.19	94.76	1.05	0.00
	comp3		5	0.00	0.00	4.82	94.03	1.15	0.00
	gp1		2	0.00	29.66	70.34			
	gp2		2	0.00	45.91	54.09			
	gp3		2	0.00	0.21	99.79			
	ind1		4	3.25	0.42	2.20	9.64	84.49	
	ind2		4	8.28	0.73	3.35	11.22	76.42	
	ind3		4	2.73	1.47	7.13	25.68	63.00	
	se1		2	0.84	0.52	98.64			
	se2		2	0.84	0.21	98.95			
	se3		2	1.15	0.94	97.90			
	sk1		4	3.25	0.10	1.47	8.18	87.00	
	sk2		4	8.28	0.31	1.57	10.59	79.25	
	sk3		4	2.73	24.63	27.99	40.15	4.51	
8	comp1	898	5	0.00	0.00	4.01	94.43	1.34	0.22
	comp2		5	0.00	0.00	4.79	93.32	1.78	0.11
	comp3		5	0.00	0.00	6.01	92.20	1.78	0.00
	gp1		2	0.00	26.39	73.61			
	gp2		2	0.00	43.88	56.12			
	gp3		2	0.00	0.22	99.78			
	ind1		4	3.01	0.45	2.23	9.24	85.08	
	ind2		4	7.57	0.22	2.34	12.58	77.28	
	ind3		4	4.57	2.34	8.35	21.94	62.81	
	se1		2	2.00	0.45	97.55			
	se2		2	2.12	0.11	97.77			
	se3		2	1.78	1.22	96.99			
	sk1		4	3.01	0.11	1.11	8.13	87.64	
	sk2		4	7.57	0.00	1.89	9.02	81.51	
	sk3		4	4.57	24.50	22.49	44.10	4.34	
10	comp1	841	5	0.00	0.00	2.85	96.55	0.12	0.48
	comp2	842	5	0.00	0.00	3.09	96.56	0.12	0.24
	comp3	841	5	0.00	0.00	3.21	96.43	0.36	0.00
	gp1	841	2	0.00	33.29	66.71			
	gp2	842	2	0.00	46.79	53.21			
	gp3	841	2	0.00	0.12	99.88			
	ind1	841	4	2.97	0.59	2.14	10.70	83.59	
	ind2	842	4	8.79	0.48	2.73	11.76	76.25	
	ind3	841	4	4.52	2.73	6.18	30.20	56.36	
	se1	841	2	0.48	0.48	99.05			
	se2	842	2	0.48	0.59	98.93			
	se3	841	2	1.66	0.71	97.62			
	sk1	841	4	2.97	0.36	0.83	8.92	86.92	
	sk2	842	4	8.79	0.24	1.07	9.14	80.76	
	sk3	841	4	4.52	21.40	23.66	45.42	4.99	

**Table H-5. Item-Level Score Distributions—Alt/Mathematics**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
3	comp1	892	5	0.00	0.00	6.73	93.16	0.00	0.11
	comp2	2	5						
	comp3	2	5						
	comp4	1	5						
	comp5	892	5	0.00	0.00	5.83	94.06	0.11	0.00
	gp1	892	2	0.00	25.00	75.00			
	gp2	2	2						
	gp3	2	2						
	gp4	1	2						
	gp5	892	2	0.00	24.66	75.34			
	ind1	892	4	0.00	0.78	2.69	13.90	82.62	
	ind2	2	4						
	ind3	2	4						
	ind4	1	4						
	ind5	892	4	0.00	0.90	2.80	12.33	83.97	
	se1	892	2	0.67	0.22	99.10			
	se5	892	2	0.45	0.78	98.77			
	sk1	892	4	0.00	0.34	0.78	7.29	91.59	
	sk2	2	4						
	sk3	2	4						
sk4	1	4							
sk5	892	4	0.00	0.22	0.90	6.95	91.93		
4	comp1	908	5	0.00	0.00	5.51	94.27	0.00	0.22
	comp2	3	5						
	comp3	908	5	0.00	0.00	6.17	93.61	0.22	0.00
	comp4	3	5						
	comp5	3	5						
	gp1	908	2	0.00	27.31	72.69			
	gp2	3	2						
	gp3	908	2	0.00	24.12	75.88			
	gp4	3	2						
	gp5	3	2						
	ind1	908	4	0.00	1.98	2.42	13.33	82.27	
	ind2	3	4						
	ind3	908	4	0.00	0.99	1.65	12.00	85.35	
	ind4	3	4						
	ind5	3	4						
	se1	908	2	0.88	0.55	98.57			
	se3	908	2	0.99	0.44	98.57			
	sk1	908	4	0.00	0.00	0.88	7.38	91.74	
	sk2	3	4						
	sk3	908	4	0.00	0.11	1.32	7.60	90.97	
sk4	3	4							
sk5	3	4							
5	comp1	3	5						
	comp2	984	5	0.00	0.00	6.40	93.29	0.30	0.00
	comp3	984	5	0.00	0.00	6.10	93.70	0.00	0.20
	comp5	3	5						

continued

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
5	gp1	3	2						
	gp2	984	2	0.00	28.76	71.24			
	gp3	984	2	0.00	27.34	72.66			
	gp5	3	2						
	ind1	3	4						
	ind2	984	4	0.00	0.71	3.05	11.99	84.25	
	ind3	984	4	0.00	0.71	1.93	12.09	85.26	
	ind5	3	4						
	se2	984	2	0.71	0.51	98.78			
	se3	984	2	0.91	0.30	98.78			
	sk1	3	4						
	sk2	984	4	0.00	0.10	1.12	8.54	90.24	
	sk3	984	4	0.00	0.10	1.32	9.25	89.33	
	sk5	3	4						
6	comp1	862	5	0.00	0.00	4.52	95.01	0.35	0.12
	comp2	862	5	0.00	0.00	4.52	95.01	0.12	0.35
	comp3	4	5						
	comp4	4	5						
	comp5	4	5						
	gp1	862	2	0.00	29.47	70.53			
	gp2	862	2	0.00	32.95	67.05			
	gp3	4	2						
	gp4	4	2						
	gp5	4	2						
	ind1	862	4	0.00	0.93	2.09	13.23	83.76	
	ind2	862	4	0.00	1.16	2.09	13.57	83.18	
	ind3	4	4						
	ind4	4	4						
	ind5	4	4						
	se1	862	2	1.28	0.23	98.49			
	se2	862	2	1.39	0.12	98.49			
	se4	4	2						
	se5	4	2						
	sk1	862	4	0.00	0.00	0.93	5.34	93.74	
sk2	862	4	0.00	0.00	0.93	6.61	92.46		
sk3	4	4							
sk4	4	4							
sk5	4	4							
7	comp1	885	5	0.00	0.00	6.10	93.45	0.00	0.45
	comp2	4	5						
	comp3	4	5						
	comp4	885	5	0.00	0.00	3.28	96.27	0.34	0.11
	comp5	4	5						
	gp1	885	2	0.00	33.22	66.78			
	gp2	4	2						
	gp3	4	2						
	gp4	885	2	0.00	31.19	68.81			
	gp5	4	2						
ind1	885	4	0.00	0.90	2.94	11.53	84.63		

continued



Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
7	ind2	4	4						
	ind3	4	4						
	ind4	885	4	0.00	0.68	2.26	8.81	88.25	
	ind5	4	4						
	se1	885	2	0.56	0.23	99.21			
	se2	4	2						
	se4	885	2	0.34	0.11	99.55			
	se5	4	2						
	sk1	885	4	0.00	0.00	1.47	7.34	91.19	
	sk2	4	4						
	sk3	4	4						
	sk4	885	4	0.00	0.11	1.24	8.81	89.83	
	sk5	4	4						
8	comp1	11	5	0.00	0.00	0.00	0.00	63.64	36.36
	comp2	816	5	0.00	0.00	6.74	91.79	1.47	0.00
	comp3	12	5	0.00	0.00	0.00	0.00	58.33	41.67
	comp4	816	5	0.00	0.00	4.04	94.49	1.10	0.37
	comp5	12	5	0.00	0.00	0.00	8.33	25.00	66.67
	gp1	11	2	0.00	0.00	100.00			
	gp2	816	2	0.00	34.19	65.81			
	gp3	12	2	0.00	0.00	100.00			
	gp4	816	2	0.00	23.90	76.10			
	gp5	12	2	0.00	0.00	100.00			
	ind1	11	4	0.00	0.00	0.00	9.09	90.91	
	ind2	816	4	0.00	1.10	2.21	10.66	86.03	
	ind3	12	4	0.00	0.00	0.00	0.00	100.00	
	ind4	816	4	0.00	0.49	1.72	7.97	89.83	
	ind5	12	4	0.00	0.00	0.00	8.33	91.67	
	se2	816	2	2.21	0.37	97.43			
	se3	12	2	91.67	0.00	8.33			
	se4	816	2	0.86	0.25	98.90			
	se5	12	2	25.00	0.00	75.00			
	sk1	11	4	0.00	0.00	0.00	9.09	90.91	
sk2	816	4	0.00	0.12	1.23	8.21	90.44		
sk3	12	4	0.00	0.00	0.00	16.67	83.33		
sk4	816	4	0.00	0.00	0.98	7.97	91.05		
sk5	12	4	0.00	0.00	0.00	16.67	83.33		
10	comp1	224	5	0.00	0.00	3.57	95.09	0.89	0.45
	comp2	666	5	0.00	0.00	2.85	96.55	0.60	0.00
	comp3	521	5	0.00	0.00	4.03	95.78	0.00	0.19
	comp4	635	5	0.00	0.00	4.88	94.17	0.94	0.00
	comp5	432	5	0.00	0.00	6.25	92.82	0.93	0.00
	gp1	224	2	0.00	37.05	62.95			
	gp2	666	2	0.00	26.88	73.12			
	gp3	521	2	0.00	31.29	68.71			
	gp4	635	2	0.00	28.50	71.50			
	gp5	432	2	0.00	34.49	65.51			
	ind1	224	4	2.68	0.45	1.79	19.20	75.89	
	ind2	666	4	3.45	0.45	1.35	10.96	83.78	

continued

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
10	ind3	521	4	3.07	0.77	3.26	11.13	81.77	
	ind4	635	4	4.25	0.79	1.73	11.34	81.89	
	ind5	432	4	9.49	0.46	2.08	13.66	74.31	
	se1	224	2	0.89	0.89	98.21			
	se2	666	2	0.45	0.75	98.80			
	se3	521	2	0.77	0.77	98.46			
	se4	635	2	0.47	0.47	99.06			
	se5	432	2	0.46	1.16	98.38			
	sk1	224	4	2.68	0.00	0.89	8.48	87.95	
	sk2	666	4	3.45	0.60	0.75	11.41	83.78	
	sk3	521	4	3.07	0.19	0.77	8.83	87.14	
	sk4	635	4	4.25	0.00	1.26	9.45	85.04	
	sk5	432	4	9.49	0.00	1.16	11.57	77.78	

**Table H-6. Item-Level Score Distributions—Alt/STE**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
5	comp1	931	5	0.00	0.00	8.81	91.08	0.11	0.00
	comp2	931	5	0.00	0.00	8.38	91.62	0.00	0.00
	comp3	878	5	0.00	0.00	7.86	92.03	0.11	0.00
	comp4	107	5	0.00	0.00	20.56	79.44	0.00	0.00
	gp1	931	2	0.00	0.21	99.79			
	gp2	931	2	0.00	0.11	99.89			
	gp3	878	2	0.00	0.11	99.89			
	gp4	107	2	0.00	0.00	100.00			
	ind1	931	4	3.87	1.61	8.92	25.35	60.26	
	ind2	931	4	5.69	2.15	6.87	24.92	60.37	
	ind3	878	4	4.33	2.16	7.40	22.21	63.90	
	ind4	107	4	1.87	0.00	7.48	16.82	73.83	
	se1	931	2	1.83	0.64	97.53			
	se2	931	2	1.61	0.75	97.64			
	se3	878	2	2.28	0.46	97.27			
	se4	107	2	3.74	0.00	96.26			
	sk1	931	4	3.87	0.00	1.07	7.63	87.43	
	sk2	931	4	5.69	0.00	1.07	6.77	86.47	
	sk3	878	4	4.33	0.11	0.46	8.20	86.90	
	sk4	107	4	1.87	0.00	0.93	8.41	88.79	
8	comp1	735	5	0.00	0.00	6.53	91.56	1.77	0.14
	comp2	734	5	0.00	0.00	6.81	91.01	2.18	0.00
	comp3	651	5	0.00	0.00	5.07	92.47	2.46	0.00
	comp4	307	5	0.00	0.00	9.12	90.88	0.00	0.00
	gp1	735	2	0.00	0.95	99.05			
	gp2	734	2	0.00	0.41	99.59			
	gp3	651	2	0.00	0.00	100.00			
	gp4	307	2	0.00	1.30	98.70			
	ind1	735	4	3.40	2.31	5.85	25.17	63.27	
	ind2	734	4	3.13	1.63	6.68	21.80	66.76	
	ind3	651	4	2.30	1.38	5.38	18.74	72.20	
	ind4	307	4	4.23	1.30	4.89	20.52	69.06	
	se1	735	2	4.49	0.14	95.37			
	se2	734	2	4.63	0.54	94.82			
	se3	651	2	5.38	0.15	94.47			
	se4	307	2	0.98	0.33	98.70			
	sk1	735	4	3.40	0.14	1.50	13.61	81.36	
	sk2	734	4	3.13	0.14	0.68	9.26	86.78	
	sk3	651	4	2.30	0.00	1.84	9.83	86.02	
	sk4	307	4	4.23	0.00	1.30	12.70	81.76	

**Table H-7. Item-Level Score Distributions—Alt/Biology**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
HS	comp1	626	5	0.00	0.00	2.72	97.12	0.00	0.16
	comp2	626	5	0.00	0.00	3.83	96.01	0.00	0.16
	comp3	626	5	0.00	0.00	2.88	96.96	0.00	0.16
	comp4	1	5						
	gp1	626	2	0.00	19.33	80.67			
	gp2	626	2	0.00	18.69	81.31			
	gp3	626	2	0.00	19.97	80.03			
	gp4	1	2						
	ind1	626	4	3.67	0.48	1.92	11.66	82.27	
	ind2	626	4	4.15	0.32	1.28	10.70	83.55	
	ind3	626	4	3.67	0.16	0.96	12.62	82.59	
	ind4	1	4						
	se1	626	2	0.48	0.64	98.88			
	se2	626	2	0.64	0.64	98.72			
	se3	626	2	0.80	0.16	99.04			
	se4	1	2						
	sk1	626	4	3.67	0.16	0.80	7.19	88.18	
	sk2	626	4	4.15	0.00	1.76	8.31	85.78	
	sk3	626	4	3.67	0.32	0.48	8.63	86.90	
	sk4	1	4						

**Table H-8. Item-Level Score Distributions—Alt/Chemistry**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
HS	comp1		5	0.00	0.00	2.63	97.37	0.00	0.00
	comp2		5	0.00	0.00	2.63	97.37	0.00	0.00
	comp3		5	0.00	0.00	2.63	97.37	0.00	0.00
	gp1		2	0.00	10.53	89.47			
	gp2		2	0.00	13.16	86.84			
	gp3		2	0.00	15.79	84.21			
	ind1		4	0.00	0.00	0.00	5.26	94.74	
	ind2	38	4	0.00	0.00	2.63	2.63	94.74	
	ind3		4	2.63	0.00	0.00	10.53	86.84	
	se1		2	0.00	0.00	100.00			
	se2		2	0.00	0.00	100.00			
	se3		2	0.00	0.00	100.00			
	sk1		4	0.00	0.00	0.00	7.89	92.11	
	sk2		4	0.00	0.00	0.00	7.89	92.11	
	sk3		4	2.63	0.00	0.00	10.53	86.84	

**Table H-9. Item-Level Score Distributions—Alt/Introductory Physics**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
HS	comp1	59	5	0.00	0.00	15.25	76.27	5.08	3.39
	comp2		5	0.00	0.00	15.25	77.97	5.08	1.69
	comp3		5	0.00	0.00	13.56	77.97	8.47	0.00
	gp1		2	0.00	22.03	77.97			
	gp2		2	0.00	13.56	86.44			
	gp3		2	0.00	13.56	86.44			
	ind1		4	1.69	0.00	6.78	23.73	67.80	
	ind2		4	0.00	1.69	1.69	33.90	62.71	
	ind3		4	0.00	0.00	3.39	22.03	74.58	
	se1		2	0.00	1.69	98.31			
	se2		2	1.69	1.69	96.61			
	se3		2	0.00	3.39	96.61			
	sk1		4	1.69	0.00	1.69	22.03	74.58	
	sk2		4	0.00	0.00	6.78	20.34	72.88	
	sk3		4	0.00	1.69	5.08	32.20	61.02	

**Table H-10. Item-Level Score Distributions—Alt/ Technology/Engineering**

Grade	Item Number	N	Total Possible Points	Percent of Students at Score Point					
				0	1	2	3	4	5
HS	comp1	85	5	0.00	0.00	4.71	95.29	0.00	0.00
	comp2		5	0.00	0.00	1.18	98.82	0.00	0.00
	comp3		5	0.00	0.00	2.35	97.65	0.00	0.00
	gp1		2	0.00	16.47	83.53			
	gp2		2	0.00	20.00	80.00			
	gp3		2	0.00	20.00	80.00			
	ind1		4	1.18	1.18	2.35	8.24	87.06	
	ind2		4	2.35	0.00	4.71	7.06	85.88	
	ind3		4	3.53	1.18	2.35	9.41	83.53	
	se1		2	0.00	0.00	100.00			
	se2		2	0.00	0.00	100.00			
	se3		2	0.00	0.00	100.00			
	sk1		4	1.18	2.35	2.35	10.59	83.53	
	sk2		4	2.35	0.00	1.18	18.82	77.65	
	sk3		4	3.53	0.00	2.35	14.12	80.00	