

Appendix F

ITEM-LEVEL SCORE DISTRIBUTIONS

Table F-1. 2012 MCAS: Item-Level Score Distributions for SR and OR Items and WPs – ELA

Grade	Item Number	Total Possible Points	Percent of Students at Score Point												
			0	1	2	3	4	5	6	7	8	9	10	11	12
3	282176	2	5.77	49.24	44.73										
	282177	2	13.95	40.74	44.91										
	286602	2	6.07	57.60	36.08										
	292692	4	3.09	16.85	50.25	24.31	5.34								
	292758	2	17.50	29.23	52.85										
4	277009	4	6.42	39.59	33.55	15.87	4.11								
	280003	4	3.63	25.26	50.46	18.22	2.25								
	285310	4	8.22	22.34	56.88	10.63	1.51								
	287974C	8	0.08		0.16	0.57	8.82	9.19	35.08	20.82	25.28				
	287974T	12	0.08		0.65	0.71	7.77	6.01	32.48	14.36	25.49	8.09	4.22	0.13	0.02
	291040	4	5.09	13.95	38.37	37.30	5.06								
5	276129	4	6.80	18.53	40.86	25.80	7.78								
	276348	4	1.78	11.73	35.61	40.10	10.61								
	283516	4	5.84	24.00	49.24	17.71	2.80								
	286706	4	3.25	29.76	43.64	19.60	3.62								
6	285611	4	2.60	15.40	43.19	29.61	8.82								
	292323	4	1.99	10.95	34.29	40.92	11.73								
	292354	4	5.12	16.22	38.83	29.51	10.12								
	292389	4	7.11	17.49	39.90	24.28	10.62								
7	277055	4	2.43	15.36	31.69	33.91	16.40								
	279239	4	6.05	17.15	40.58	27.66	7.98								
	280290	4	2.53	10.02	31.06	40.67	15.40								
	288032C	8	0.26		0.10	0.14	5.57	6.04	33.34	18.69	35.85				
	288032T	12	0.26		0.45	0.36	5.22	4.87	32.62	15.88	29.18	7.16	3.77	0.15	0.08
	292825	4	2.72	10.57	35.55	40.84	10.04								
8	276022	4	2.23	12.07	32.48	37.32	15.54								
	276039	4	2.06	10.60	36.67	40.70	9.54								
	283668	4	4.33	18.92	27.99	30.87	17.47								
	293352	4	1.27	5.01	23.36	54.69	15.39								
10	280634	4	2.78	11.13	27.32	45.66	12.82								
	286033	4	3.80	9.33	25.83	44.52	16.01								
	292762C	8	0.75		0.06	0.07	3.48	3.49	26.02	18.91	47.22				
	292762T	12	0.75		0.26	0.17	2.97	2.99	25.24	17.52	36.24	9.20	4.45	0.12	0.08
	293055	4	0.78	7.74	33.80	44.79	12.45								
	293580	4	0.77	4.42	24.62	55.81	14.21								

Table F-2. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – Mathematics

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
3	203603	1	37.62	62.20			
	203636	1	28.79	71.02			
	207951	2	15.49	33.91	50.41		
	227298	1	54.55	44.87			
	253576	1	14.97	84.88			
	253597	2	9.92	49.67	40.25		
	260581	1	19.67	80.10			
	281227	2	25.59	20.02	54.10		
	283009	1	27.34	72.46			
	287161	2	28.32	34.63	36.88		
4	227301	4	10.97	19.40	22.55	24.50	22.31
	227469	1	18.21	81.52			
	247653	1	44.70	54.91			
	258227	1	27.43	72.24			
	258230	1	25.25	74.04			
	258282	4	5.77	9.72	17.77	18.03	48.56
	279786	1	29.90	69.68			
	279788	1	18.67	81.09			
	281896	4	3.17	11.56	22.63	19.62	42.81
	287488	4	6.20	12.19	33.70	36.27	11.29
5	207696	4	14.81	26.12	8.13	10.35	40.36
	221209	1	35.04	64.53			
	262237	1	40.07	59.39			
	280500	1	50.15	49.09			
	280734	1	18.64	81.17			
	287263	1	15.11	84.68			
	287266	4	10.69	28.53	15.55	28.87	16.14
	287618	1	47.51	52.10			
	287620	4	13.48	23.65	3.43	32.34	26.79
	287660	4	10.50	15.84	7.25	44.21	21.98
6	217604	1	19.31	80.27			
	251347	4	7.81	10.99	32.51	28.12	20.35
	251576	4	6.54	16.56	16.43	27.48	32.69
	265897	1	29.16	70.24			
	266130	1	33.93	65.67			
	272189	4	5.71	17.58	13.92	37.20	25.43
	282250	1	24.28	75.49			
	282349	1	62.73	36.85			
	282475	4	11.00	13.16	20.93	8.38	46.17
	288294	1	42.45	57.15			
7	205650	4	1.90	24.57	13.91	36.71	22.30
	219537	1	14.71	84.85			
	249217	1	25.69	73.67			
	250462	4	3.95	24.61	5.70	26.15	39.03

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
7	260415	1	18.37	81.17			
	261632	4	2.88	10.48	9.66	19.86	56.89
	281493	1	44.23	54.54			
	288736	4	20.39	18.94	6.50	24.46	29.36
	290129	1	50.06	49.49			
	299665	1	37.37	62.35			
8	219697	1	21.23	78.21			
	219707	1	53.02	46.41			
	228379	1	10.22	89.40			
	228439	4	7.57	12.55	17.59	26.47	35.10
	264746	4	10.76	23.39	11.46	27.37	26.57
	265966	4	6.32	53.73	3.15	11.49	24.43
	272947	1	26.69	72.98			
	275051	1	37.06	62.20			
	283286	1	25.86	73.55			
	287605	4	8.14	22.24	10.14	38.05	20.82
10	250662	1	37.52	59.75			
	261492	1	34.01	62.40			
	276483	4	10.41	22.06	11.27	21.92	31.84
	287462	1	51.59	46.07			
	287466	4	3.51	19.39	17.05	19.91	38.73
	287738	1	27.19	71.68			
	287750	4	4.68	23.29	52.07	4.96	13.98
	288048	4	7.36	10.42	14.41	26.07	39.90
	288088	4	2.65	6.68	14.75	31.11	44.04
	288089	4	5.80	11.26	13.35	32.16	36.50

Table F-3. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – STE

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
5	264893	4	32.57	13.80	24.70	18.92	9.76
	273720	4	19.38	23.48	22.29	19.25	15.34
	281811	4	18.05	41.64	12.02	10.47	17.58
	288176	4	11.27	17.40	25.88	27.11	18.14
8	265215	4	23.52	29.56	23.59	13.71	8.66
	282019	4	24.58	19.40	22.15	21.25	10.94
	288318	4	11.52	30.13	34.05	17.42	6.48
	290236	4	17.46	22.36	18.05	21.40	19.90

Table F-4. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – High School Biology

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
234808	4	23.43	33.06	24.70	12.24	3.99
261447	4	15.16	21.88	36.92	17.75	6.37
279498	4	10.03	25.72	26.38	23.98	12.36
289994	4	3.97	28.24	23.05	31.85	12.29
291007	4	7.40	16.77	32.76	31.08	10.30

Table F-5. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – High School Chemistry

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
206688	4	24.65	19.78	16.61	13.36	24.50
261154	4	3.03	9.30	21.77	26.94	37.71
281306	4	25.54	19.11	17.71	24.65	11.51
287607	4	13.80	19.19	16.68	30.04	17.56
287891	4	8.56	18.01	32.55	21.55	18.52

Table F-6. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – High School Introductory Physics

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
247000	4	27.92	28.13	29.97	7.73	2.76
287215	4	18.30	24.45	41.95	7.25	6.02
287406	4	6.92	12.79	17.26	19.54	41.31
288393	4	17.41	19.81	13.43	24.57	21.25
293154	4	17.14	23.50	37.23	14.77	5.38

Table F-7. 2012 MCAS: Item-Level Score Distributions for SA and OR Items – High School Technology/Engineering

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
206792	4	9.64	39.35	29.56	7.33	10.23
260819	4	3.54	15.69	34.09	28.63	15.25
281497	4	31.63	28.28	18.49	9.84	7.62
285994	4	2.16	4.13	14.95	43.14	34.43
293033	4	11.12	18.49	22.09	26.91	16.97

Table F-8. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – ELA

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3	comp1	5	0.00	0.00	1.81	97.93	0.00	0.26
	comp2	5	0.00	0.00	3.44	96.30	0.00	0.26
	comp3	5						
	gp1	2	0.00	8.52	91.48			
	gp2	2	0.00	11.19	88.81			
	gp3	2						
	ind1	4	0.00	0.17	0.52	6.37	92.94	
	ind2	4	0.00	0.34	1.12	9.72	88.81	
	ind3	4						
	se1	2	0.69	2.58	96.73			
	se2	2	0.77	2.67	96.56			
	se3	2						
	sk1	4	0.00	0.09	0.86	6.20	92.86	
	sk2	4	0.00	0.17	0.69	6.80	92.34	
	sk3	4						
4	comp1	5	0.00	0.00	2.87	97.06	0.00	0.08
	comp2	5	0.00	0.00	4.15	95.78	0.00	0.08
	comp3	5	0.00	0.00	3.47	96.46	0.00	0.08
	gp1	2	0.00	11.54	88.46			
	gp2	2	0.00	13.80	86.20			
	gp3	2	0.00	18.17	81.83			
	ind1	4	2.41	0.30	1.51	6.86	88.91	
	ind2	4	1.28	0.30	1.43	7.69	89.29	
	ind3	4	2.94	0.68	1.36	10.18	84.84	
	se1	2	0.75	2.71	96.53			
	se2	2	0.75	2.87	96.38			
	se3	2	0.60	2.71	96.68			
	sk1	4	2.41	0.23	0.68	6.41	90.27	
	sk2	4	1.28	0.08	1.13	7.77	89.74	
	sk3	4	2.94	0.23	0.83	8.07	87.93	
5	comp1	5	0.00	0.00	2.00	98.00	0.00	0.00
	comp2	5	0.00	0.00	3.54	96.46	0.00	0.00
	gp1	2	0.00	11.94	88.06			
	gp2	2	0.00	14.18	85.82			
	ind1	4	0.00	0.23	1.46	8.47	89.83	
	ind2	4	0.00	0.08	1.31	9.40	89.21	
	se1	2	0.69	2.70	96.61			
	se2	2	0.69	2.62	96.69			
	sk1	4	0.00	0.00	1.00	6.01	92.99	
	sk2	4	0.00	0.15	0.92	7.09	91.83	
6	comp1	5	0.00	0.00	2.49	97.51	0.00	0.00
	comp2	5	0.00	0.00	3.57	96.43	0.00	0.00
	gp1	2	0.00	10.71	89.29			
	gp2	2	0.00	14.11	85.89			

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
6	ind1	4	0.00	0.25	1.00	7.72	91.04	
	ind2	4	0.00	0.25	1.58	7.80	90.37	
	se1	2	0.66	2.82	96.51			
	se2	2	0.58	2.57	96.85			
	sk1	4	0.00	0.08	0.75	8.13	91.04	
	sk2	4	0.00	0.08	1.00	7.05	91.87	
7	comp1	5	0.00	0.00	2.93	96.98	0.09	0.00
	comp2	5	0.00	0.00	3.85	96.06	0.09	0.00
	comp3	5	0.00	0.00	3.57	96.43	0.00	0.00
	gp1	2	0.00	10.27	89.73			
	gp2	2	0.00	15.12	84.88			
	gp3	2	0.00	16.13	83.87			
	ind1	4	4.03	0.18	0.92	10.27	84.60	
	ind2	4	3.94	0.00	1.47	10.08	84.51	
	ind3	4	4.95	0.00	1.10	12.19	81.76	
	se1	2	1.28	4.03	94.68			
	se2	2	1.10	3.85	95.05			
	se3	2	1.83	3.57	94.59			
	sk1	4	4.03	0.00	1.01	8.34	86.62	
	sk2	4	3.94	0.00	1.28	7.06	87.72	
	sk3	4	4.95	0.18	0.46	7.15	87.26	
8	comp1	5	0.00	0.00	2.43	97.35	0.21	0.00
	comp2	5	0.00	0.00	3.49	96.30	0.21	0.00
	gp1	2	0.00	11.64	88.36			
	gp2	2	0.00	15.13	84.87			
	ind1	4	0.00	0.53	0.53	8.78	90.16	
	ind2	4	0.00	0.32	1.38	10.48	87.83	
	se1	2	0.95	2.12	96.93			
	se2	2	0.85	2.01	97.14			
	sk1	4	0.00	0.32	0.95	5.71	93.02	
	sk2	4	0.00	0.11	0.63	6.24	93.02	
10	comp1	5	0.00	0.00	3.25	95.85	0.00	0.90
	comp2	5	0.00	0.00	4.94	94.39	0.67	0.00
	comp3	5	0.00	0.00	3.70	95.62	0.56	0.11
	gp1	2	0.00	14.70	85.30			
	gp2	2	0.00	16.50	83.50			
	gp3	2	0.00	15.49	84.51			
	ind1	4	5.95	0.11	1.35	11.56	81.03	
	ind2	4	3.70	0.67	2.47	10.66	82.49	
	ind3	4	9.09	1.57	1.46	12.01	75.87	
	se1	2	2.81	3.14	94.05			
	se2	2	2.24	3.70	94.05			
	se3	2	2.24	3.25	94.50			
	sk1	4	5.95	0.22	1.57	8.31	83.95	
	sk2	4	3.70	0.11	1.80	10.55	83.84	
	sk3	4	9.09	0.22	2.02	8.19	80.47	

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-9. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – Mathematics

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
3	comp1	5	0.00	0.00	2.12	97.26	0.35	0.27
	comp2	5	0.00	0.00	1.77	97.70	0.27	0.27
	comp3	5						
	comp4	5						
	gp1	2	0.00	8.93	91.07			
	gp2	2	0.00	8.13	91.87			
	gp3	2						
	gp4	2						
	ind1	4	0.00	0.71	1.33	7.96	90.01	
	ind2	4	0.00	0.35	1.68	7.07	90.89	
	ind3	4						
	ind4	4						
	se1	2	0.80	2.56	96.64			
	se2	2	0.71	2.39	96.91			
	se3	2						
	se4	2						
	sk1	4	0.00	0.00	0.97	6.37	92.66	
	sk2	4	0.00	0.09	0.80	6.01	93.10	
	sk3	4						
	sk4	4						
4	comp1	5	0.00	0.00	3.73	96.11	0.08	0.08
	comp4	5						
	comp5	5	0.00	0.00	3.73	96.19	0.00	0.08
	gp1	2	0.00	12.85	87.15			
	gp4	2						
	gp5	2	0.00	13.32	86.68			
	ind1	4	0.00	0.63	1.35	7.53	90.48	
	ind4	4						
	ind5	4	0.00	0.40	1.43	8.96	89.21	
	se1	2	0.48	2.30	97.22			
	se4	2						
	se5	2	0.63	2.30	97.07			
	sk1	4	0.00	0.32	1.11	7.06	91.51	
	sk4	4						
sk5	4	0.00	0.16	0.79	5.95	93.10		
5	comp1	5	0.00	0.00	2.73	96.96	0.15	0.15
	comp3	5						
	comp4	5	0.00	0.00	2.58	97.11	0.23	0.08
	gp1	2	0.00	10.48	89.52			
	gp3	2						
	gp4	2	0.00	11.16	88.84			
	ind1	4	0.00	0.23	1.37	7.52	90.89	
	ind3	4						
	ind4	4	0.00	0.46	1.06	8.43	90.05	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	se1	2	0.76	2.89	96.36			
	se3	2						
	se4	2	0.76	2.81	96.43			
	sk1	4	0.00	0.08	0.84	6.07	93.01	
	sk3	4						
	sk4	4	0.00	0.23	0.68	5.85	93.24	
6	comp1	5	0.00	0.00	3.06	96.05	0.56	0.32
	comp2	5	0.00	0.00	2.82	96.29	0.56	0.32
	comp5	5						
	gp1	2	0.00	11.94	88.06			
	gp2	2	0.00	11.45	88.55			
	gp5	2						
	ind1	4	0.00	0.32	1.94	6.53	91.21	
	ind2	4	0.00	0.32	0.97	9.52	89.19	
	ind5	4						
	se1	2	0.65	2.66	96.69			
	se2	2	0.73	2.90	96.37			
	se5	2						
	sk1	4	0.00	0.08	0.97	6.94	92.02	
	sk2	4	0.00	0.16	0.48	6.45	92.90	
	sk5	4						
7	comp1	5	0.00	0.00	3.20	96.02	0.29	0.49
	comp2	5						
	comp5	5	0.00	0.00	3.79	95.44	0.29	0.49
	gp1	2	0.00	12.14	87.86			
	gp2	2						
	gp5	2	0.00	15.15	84.85			
	ind1	4	0.00	0.29	1.36	10.00	88.35	
	ind2	4						
	ind5	4	0.00	0.10	1.75	12.14	86.02	
	se1	2	0.58	3.11	96.31			
	se2	2						
	se5	2	1.07	2.82	96.12			
	sk1	4	0.00	0.10	1.07	6.21	92.62	
	sk2	4						
	sk5	4	0.00	0.00	0.29	6.70	93.01	
8	comp1	5	0.00	0.00	2.96	96.34	0.69	0.00
	comp3	5	0.00	0.00	2.57	96.74	0.69	0.00
	gp1	2	0.00	13.93	86.07			
	gp3	2	0.00	9.39	90.61			
	ind1	4	0.00	0.59	1.88	9.19	88.34	
	ind3	4	0.00	0.59	0.99	8.00	90.42	
	se1	2	0.10	2.08	97.83			
	se3	2	0.40	2.27	97.33			
	sk1	4	0.00	0.10	0.59	6.32	92.98	
	sk3	4	0.00	0.00	0.40	6.42	93.18	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
10	comp1	5	0.00	0.00	3.03	95.87	1.10	0.00
	comp2	5	0.00	0.00	3.65	94.82	1.54	0.00
	comp3	5	0.00	0.00	6.73	91.42	1.86	0.00
	comp4	5	0.00	0.00	2.54	95.61	1.15	0.69
	comp5	5	0.00	0.00	3.80	95.07	0.95	0.19
	gp1	2	0.00	14.60	85.40			
	gp2	2	0.00	15.74	84.26			
	gp3	2	0.00	14.62	85.38			
	gp4	2	0.00	12.01	87.99			
	gp5	2	0.00	8.92	91.08			
	ind1	4	6.20	0.55	1.38	10.33	81.54	
	ind2	4	4.22	0.77	1.15	15.36	78.50	
	ind3	4	6.26	1.39	2.32	12.30	77.73	
	ind4	4	3.70	0.92	2.31	10.16	82.91	
	ind5	4	12.14	0.57	1.14	10.06	76.09	
	se1	2	1.38	3.17	95.45			
	se2	2	2.50	3.65	93.86			
	se3	2	2.32	4.87	92.81			
	se4	2	1.39	3.23	95.38			
	se5	2	1.90	2.09	96.02			
	sk1	4	6.20	0.41	1.52	9.92	81.96	
	sk2	4	4.22	0.38	0.96	10.36	84.07	
	sk3	4	6.26	0.93	1.62	11.60	79.58	
	sk4	4	3.70	0.00	1.62	10.39	84.30	
	sk5	4	12.14	0.19	1.33	6.26	80.08	

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-10. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – STE

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	comp1	5	0.00	0.00	3.02	96.88	0.00	0.09
	comp2	5	0.00	0.00	3.07	96.93	0.00	0.00
	comp3	5	0.00	0.00	3.22	96.78	0.00	0.00
	comp4	5	0.00	0.00	2.10	97.90	0.00	0.00
	gp1	2	0.00	10.17	89.83			
	gp2	2	0.00	7.68	92.32			
	gp3	2	0.00	8.00	92.00			
	gp4	2	0.00	5.45	94.55			
	ind1	4	3.21	0.27	1.10	8.89	86.53	
	ind2	4	3.97	0.09	0.72	8.04	87.17	
	ind3	4	2.89	0.00	1.33	7.78	88.00	
	ind4	4	2.10	0.21	0.84	9.43	87.42	
	se1	2	0.55	3.48	95.97			
	se2	2	0.54	3.16	96.30			

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	se3	2	0.56	4.33	95.11			
	se4	2	1.89	1.47	96.65			
	sk1	4	3.21	0.18	0.46	5.32	90.83	
	sk2	4	3.97	0.09	0.18	6.87	88.89	
	sk3	4	2.89	0.11	0.33	6.11	90.56	
	sk4	4	2.10	0.21	0.00	5.24	92.45	
8	comp1	5	0.00	0.00	2.80	97.20	0.00	0.00
	comp2	5	0.00	0.00	3.53	96.47	0.00	0.00
	comp3	5	0.00	0.00	3.67	96.33	0.00	0.00
	comp4	5	0.00	0.00	3.28	96.72	0.00	0.00
	gp1	2	0.00	7.07	92.93			
	gp2	2	0.00	7.54	92.46			
	gp3	2	0.00	8.96	91.04			
	gp4	2	0.00	6.06	93.94			
	ind1	4	3.90	0.24	1.83	8.05	85.98	
	ind2	4	6.01	0.47	1.06	7.54	84.92	
	ind3	4	4.55	0.59	0.88	9.54	84.43	
	ind4	4	5.56	0.00	0.51	8.08	85.86	
	se1	2	0.49	2.56	96.95			
	se2	2	0.71	3.06	96.23			
	se3	2	0.44	2.50	97.06			
	se4	2	0.25	3.03	96.72			
sk1	4	3.90	0.12	1.10	4.63	90.24		
sk2	4	6.01	0.12	0.82	4.24	88.81		
sk3	4	4.55	0.00	0.73	6.46	88.25		
sk4	4	5.56	0.00	0.76	4.80	88.89		

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-11. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – High School Biology

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
comp1	5	0.00	0.00	2.18	96.31	1.01	0.50
comp2	5	0.00	0.00	2.35	96.15	1.17	0.34
comp3	5	0.00	0.00	2.18	96.31	1.51	0.00
comp4	5						
gp1	2	0.00	5.20	94.80			
gp2	2	0.00	4.86	95.14			
gp3	2	0.00	5.53	94.47			
gp4	2						
ind1	4	7.38	0.17	1.34	8.05	83.05	
ind2	4	4.69	0.34	1.17	10.72	83.08	
ind3	4	6.03	0.17	1.51	8.71	83.58	
ind4	4						

continued

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
se1	2	1.51	2.01	96.48			
se2	2	1.51	1.68	96.82			
se3	2	2.51	1.84	95.64			
se4	2						
sk1	4	7.38	0.00	1.17	8.05	83.39	
sk2	4	4.69	0.00	1.17	7.20	86.93	
sk3	4	6.03	0.00	0.67	8.38	84.92	
sk4	4						

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-12. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – High School Chemistry

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
comp1	5	0.00	0.00	9.30	90.70	0.00	0.00
comp2	5	0.00	0.00	9.30	90.70	0.00	0.00
comp3	5	0.00	0.00	6.98	93.02	0.00	0.00
gp1	2	0.00	16.28	83.72			
gp2	2	0.00	20.93	79.07			
gp3	2	0.00	11.63	88.37			
ind1	4	2.33	0.00	0.00	6.98	90.70	
ind2	4	4.65	2.33	2.33	9.30	81.40	
ind3	4	4.65	0.00	2.33	11.63	81.40	
se1	2	0.00	6.98	93.02			
se2	2	0.00	4.65	95.35			
se3	2	0.00	6.98	93.02			
sk1	4	2.33	0.00	0.00	9.30	88.37	
sk2	4	4.65	0.00	0.00	4.65	90.70	
sk3	4	4.65	0.00	0.00	4.65	90.70	

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-13. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – High School Introductory Physics

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
comp1	5	0.00	0.00	8.00	85.33	1.33	5.33
comp2	5	0.00	0.00	8.00	85.33	2.67	4.00
comp3	5	0.00	0.00	9.33	84.00	6.67	0.00
gp1	2	0.00	9.33	90.67			
gp2	2	0.00	9.33	90.67			
gp3	2	0.00	4.00	96.00			

continued

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
ind1	4	8.00	1.33	1.33	2.67	86.67	
ind2	4	8.00	1.33	1.33	2.67	86.67	
ind3	4	9.33	2.67	0.00	4.00	84.00	
se1	2	5.33	5.33	89.33			
se2	2	5.33	6.67	88.00			
se3	2	5.33	5.33	89.33			
sk1	4	8.00	0.00	5.33	5.33	81.33	
sk2	4	8.00	0.00	6.67	5.33	80.00	
sk3	4	9.33	0.00	6.67	9.33	74.67	

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation

Table F-14. 2012 MCAS-Alt: Item-Level Score Distributions for OR Items – High School Technology/Engineering

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
comp1	5	0.00	0.00	14.63	85.37	0.00	0.00
comp2	5	0.00	0.00	13.41	86.59	0.00	0.00
comp3	5	0.00	0.00	14.63	85.37	0.00	0.00
gp1	2	0.00	13.41	86.59			
gp2	2	0.00	21.95	78.05			
gp3	2	0.00	19.51	80.49			
ind1	4	7.32	0.00	4.88	7.32	80.49	
ind2	4	6.10	0.00	1.22	13.41	79.27	
ind3	4	3.66	0.00	1.22	17.07	78.05	
se1	2	3.66	14.63	81.71			
se2	2	4.88	17.07	78.05			
se3	2	3.66	17.07	79.27			
sk1	4	7.32	0.00	4.88	14.63	73.17	
sk2	4	6.10	0.00	1.22	15.85	76.83	
sk3	4	3.66	0.00	4.88	10.98	80.49	

COMP = level of complexity; IND = Independence; SK = demonstration of skills and concepts; GP = generalized performance; SE = self-evaluation