

APPENDIX F

ITEM-LEVEL SCORE DISTRIBUTIONS

Table F-1. 2016 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	298241	2	8.53	58.29	32.71										
	303634	2	20.51	47.88	30.95										
	308814	2	2.64	27.16	69.85										
	308817	2	6.46	52.85	40.41										
	308893	4	3.18	22.30	51.82	18.83	3.52								
4	298601	4	1.52	21.59	46.58	25.30	4.77								
	307627	4	5.22	36.75	41.86	13.87	1.70								
	309015	4	8.05	23.57	41.19	22.69	4.21								
	312753	4	4.20	22.93	49.94	18.42	4.33								
5	283382	4	6.17	20.69	43.07	24.74	4.87								
	302388	4	1.18	12.09	38.41	38.19	9.92								
	307290	4	8.05	23.58	37.26	24.73	6.11								
	313048	4	4.92	34.17	43.38	14.18	2.80								
6	302772	4	3.15	18.39	33.40	32.68	12.22								
	302790	4	18.08	23.42	29.64	21.69	6.39								
	303489	4	2.53	15.17	40.27	31.66	9.98								
	308521	4	1.17	11.06	33.81	39.28	14.52								
7	297214	4	1.68	7.38	33.48	43.74	13.41								
	302946	4	1.97	8.97	35.26	40.44	13.11								
	309114	4	2.87	9.35	34.51	40.12	13.04								
	314035	4	3.36	13.99	41.04	31.05	10.00								
8	293280	4	2.41	17.74	40.44	31.19	7.83								
	297574	4	4.07	9.93	27.93	47.21	10.63								
	302312	4	3.16	9.74	27.94	42.68	16.14								
	303867	4	2.26	9.81	38.25	33.73	15.55								
10	299602C	8	1.62		0.07	0.05	3.65	3.06	22.06	16.86	52.63				
	299602T	12	1.62		0.24	0.21	3.15	2.73	22.02	15.16	44.10	7.66	2.87	0.14	0.08
	309181	4	1.41	10.58	36.97	40.58	10.11								
	314417	4	0.93	9.87	30.12	44.69	13.71								

continued

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
10	314701	4	1.43	8.09	25.20	42.09	22.16								
	314838	4	0.60	7.10	30.09	52.97	9.00								

Table F-2. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – Mathematics

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
3	207826	1	11.91	87.94			
	253598	2	18.98	8.01	72.81		
	260579	1	16.47	83.01			
	293503	2	15.13	25.92	58.64		
	297404	2	15.01	14.72	69.98		
	297641	2	12.51	36.78	50.49		
	298985	1	15.56	84.10			
	310884	1	34.96	64.63			
	310887	1	25.78	73.85			
	310894	1	47.88	51.66			
4	293514	1	27.66	72.01			
	293812	4	8.43	14.99	46.93	10.74	18.64
	299681	1	35.88	63.82			
	302489	4	5.03	6.19	12.42	33.15	42.92
	307030	1	29.27	70.39			
	307039	4	7.94	10.01	19.41	30.56	31.54
	307065	1	47.18	52.06			
	307072	1	26.10	73.64			
	307311	1	22.20	77.50			
	307322	4	15.99	9.00	26.10	29.50	18.80
5	221205	1	9.63	90.14			
	272901	4	11.33	12.81	7.01	17.81	50.63
	287421	1	14.56	85.22			
	298005	4	4.27	4.63	37.47	13.99	39.24
	298105	1	29.00	70.29			
	301183	1	29.78	69.88			
	303757	1	28.03	71.72			
	303764	4	15.47	20.90	12.89	24.98	25.07
	303765	4	9.03	9.06	30.45	14.13	36.81
	310322	1	30.01	69.62			
6	296396	4	14.36	14.80	11.52	30.51	28.22
	298150	1	45.78	53.71			
	298156	1	16.02	83.73			
	301511	4	18.03	14.14	14.10	21.21	31.71
	303723	1	54.40	44.72			
	303724	4	3.21	6.48	3.01	17.65	69.25
	311659	1	13.23	86.49			
	311687	1	57.10	42.07			
	311694	4	5.96	9.41	22.56	18.37	43.28
	311708	1	55.05	44.48			
7	272156	4	17.09	15.84	38.01	9.76	18.52
	281696	1	12.25	87.37			
	298174	1	21.95	77.68			
	298212	4	17.68	12.81	3.27	23.75	41.90
	301860	1	31.14	68.48			

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
7	302318	1	24.21	75.46			
	306598	1	9.22	90.54			
	306606	1	23.84	75.94			
	311079	4	6.15	16.82	25.71	28.91	22.03
	311134	4	14.34	16.70	22.66	26.16	19.72
8	228379	1	10.18	89.32			
	296114	1	19.84	79.53			
	297651	1	34.20	64.71			
	297663	1	28.78	70.62			
	298039	4	6.03	10.72	22.69	34.83	24.72
	301477	1	49.12	49.67			
	301485	4	6.51	30.08	18.03	15.25	29.58
	301713	4	10.39	14.18	19.03	26.62	28.55
	311451	1	14.76	84.72			
	311465	4	12.53	30.19	19.03	25.25	12.35
	10	250773	1	34.82	64.42		
287942		1	38.23	59.82			
303454		4	6.78	16.44	25.26	34.65	16.26
303461		1	46.37	52.77			
306491		4	4.52	26.47	30.29	19.94	17.82
311163		1	17.02	82.33			
311174		4	11.08	13.94	19.75	22.49	30.37
311224		4	3.07	9.28	25.89	49.85	11.33
312317		4	7.73	9.93	35.20	31.33	13.31
313788		4	10.42	31.07	17.74	12.06	27.53

Table F-3. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – STE

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
5	273735	4	23.93	22.95	28.49	14.86	9.29
	273773	4	15.24	10.89	12.67	34.49	26.07
	291597	4	6.17	5.72	20.57	31.22	35.16
	294556	4	29.88	27.10	19.53	16.52	6.31
8	292041	4	14.72	20.77	22.94	21.08	18.62
	299004	4	14.00	16.24	27.74	22.63	18.45
	299510	4	17.67	32.44	24.25	16.28	8.02
	304691	4	9.34	13.74	19.48	25.87	29.31

Table F-4. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – High School Biology

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
289126	4	20.90	20.14	29.81	22.76	3.90
301354	4	11.05	26.92	27.56	23.26	9.66
304272	4	27.52	23.42	17.95	19.20	10.35
310764	4	16.08	21.09	16.21	30.95	14.40
314638	4	13.18	20.06	23.51	24.49	17.16

Table F-5. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – High School Chemistry

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
261486	4	27.74	8.21	18.93	27.14	15.71
288234	4	4.05	9.64	35.12	25.12	23.69
288237	4	27.14	33.10	17.74	9.05	8.81
300145	4	9.29	12.98	22.38	30.12	21.31
309496	4	16.07	34.05	22.38	15.71	8.81

Table F-6. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – High School Introductory Physics

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
246576	4	7.36	9.56	60.50	6.23	14.84
287224	4	6.67	28.40	21.62	23.92	17.91
287404	4	17.06	27.90	36.80	13.54	2.17
293950	4	9.41	11.02	52.17	10.88	13.66
299384	4	16.44	28.17	35.95	14.78	1.93

Table F-7. 2016 MCAS: Item-Level Score Distributions for SR and OR Items – High School Technology/Engineering

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
279914	4	5.31	13.51	28.12	35.90	16.53
299306	4	12.29	29.63	37.31	14.10	4.65
300263	4	22.55	23.73	31.00	17.34	3.99
305095	4	8.93	19.89	49.04	12.95	6.83
306842	4	15.68	33.99	22.40	18.93	6.46

Table F-8. 2016 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	4.16	95.40	0.00	0.44
	comp2	5	0.00	0.00	4.69	94.87	0.09	0.35
	comp3	5	0.00	0.00	6.45	93.10	0.09	0.35
	gp1	2	0.00	13.79	86.21			
	gp2	2	0.00	23.87	76.13			
	gp3	2	0.00	0.53	99.47			
	ind1	4	1.33	0.53	1.50	8.93	87.71	
	ind2	4	5.39	0.71	1.33	9.02	83.55	
	ind3	4	3.54	2.21	8.93	24.85	60.48	
	se1	2	0.09	2.12	97.79			
	se2	2	0.18	1.77	98.05			
	se3	2	1.95	1.86	96.20			
	sk1	4	1.33	0.09	0.27	6.28	92.04	
	sk2	4	5.39	0.00	0.53	6.98	87.09	
	sk3	4	3.54	30.42	24.67	34.48	6.90	
4	comp1	5	0.00	0.00	3.62	96.30	0.08	0.00
	comp2	5	0.00	0.00	4.60	95.32	0.00	0.08
	comp3	5	0.00	0.00	5.09	94.58	0.33	0.00
	gp1	2	0.00	13.56	86.44			
	gp2	2	0.00	21.86	78.14			
	gp3	2	0.00	0.16	99.84			
	ind1	4	2.79	0.25	0.90	8.13	87.92	
	ind2	4	5.18	0.25	0.90	8.13	85.54	
	ind3	4	1.73	1.56	8.22	24.16	64.34	
	se1	2	0.58	2.88	96.55			
	se2	2	0.74	2.30	96.96			
	se3	2	0.99	1.97	97.04			
	sk1	4	2.79	0.00	0.58	5.67	90.96	
	sk2	4	5.18	0.08	0.90	7.40	86.44	
	sk3	4	1.73	27.36	26.62	38.54	5.75	
5	comp1	5	0.00	0.00	3.74	96.09	0.08	0.08
	comp2	5	0.00	0.00	3.91	95.93	0.08	0.08
	comp3	5	0.00	0.00	5.40	94.35	0.17	0.08
	gp1	2	0.00	14.63	85.37			
	gp2	2	0.00	23.69	76.31			
	gp3	2	0.00	0.33	99.67			
	ind1	4	3.33	0.58	1.83	7.07	87.20	
	ind2	4	6.40	0.42	1.75	9.06	82.38	
	ind3	4	2.24	1.66	7.81	24.61	63.67	
	se1	2	0.50	2.66	96.84			
	se2	2	1.08	2.83	96.09			
	se3	2	0.58	2.24	97.17			
	sk1	4	3.33	0.00	1.00	4.57	91.11	
	sk2	4	6.40	0.00	0.91	4.74	87.95	
	sk3	4	2.24	24.77	23.94	41.15	7.90	
6	comp1	5	0.00	0.00	2.37	97.45	0.00	0.18

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
6	comp2	5	0.00	0.00	3.28	96.54	0.00	0.18
	comp3	5	0.00	0.00	4.10	95.62	0.18	0.09
	gp1	2	0.00	16.23	83.77			
	gp2	2	0.00	21.70	78.30			
	gp3	2	0.00	0.00	100.00			
	ind1	4	2.92	0.46	1.00	7.75	87.88	
	ind2	4	8.66	0.27	1.09	10.39	79.58	
	ind3	4	3.10	1.19	7.29	24.98	63.45	
	se1	2	0.55	3.01	96.44			
	se2	2	0.55	3.19	96.26			
	se3	2	0.55	1.28	98.18			
	sk1	4	2.92	0.09	1.00	5.47	90.52	
	sk2	4	8.66	0.00	0.64	5.83	84.87	
	sk3	4	3.10	24.16	21.24	43.39	8.11	
	7	comp1	5	0.00	0.00	2.77	96.78	0.09
comp2		5	0.00	0.00	3.84	95.71	0.00	0.45
comp3		5	0.00	0.00	4.56	95.00	0.09	0.36
gp1		2	0.00	17.16	82.84			
gp2		2	0.00	27.35	72.65			
gp3		2	0.00	0.54	99.46			
ind1		4	3.49	0.09	1.16	9.03	86.24	
ind2		4	10.10	0.09	1.34	10.01	78.46	
ind3		4	2.50	1.07	6.52	23.41	66.49	
se1		2	0.89	1.70	97.41			
se2		2	0.71	1.97	97.32			
se3		2	1.43	0.89	97.68			
sk1		4	3.49	0.18	0.71	5.27	90.35	
sk2		4	10.10	0.09	0.80	6.08	82.93	
sk3		4	2.50	24.22	20.73	42.63	9.92	
8	comp1	5	0.00	0.00	4.31	95.69	0.00	0.00
	comp2	5	0.00	0.00	4.41	95.59	0.00	0.00
	comp3	5	0.00	0.00	5.75	94.15	0.10	0.00
	gp1	2	0.00	16.87	83.13			
	gp2	2	0.00	24.54	75.46			
	gp3	2	0.00	0.10	99.90			
	ind1	4	2.59	0.38	1.82	10.16	85.04	
	ind2	4	9.49	0.29	1.92	11.12	77.18	
	ind3	4	1.63	1.25	6.52	22.63	67.98	
	se1	2	0.67	3.64	95.69			
	se2	2	0.58	3.36	96.07			
	se3	2	0.77	2.01	97.22			
	sk1	4	2.59	0.10	0.67	7.77	88.88	
	sk2	4	9.49	0.29	0.48	8.15	81.59	
	sk3	4	1.63	27.04	21.86	39.79	9.68	
HS	comp1	5	0.00	0.00	5.07	94.81	0.12	0.00
	comp2	5	0.00	0.00	5.80	94.08	0.12	0.00
	comp3	5	0.00	0.00	8.57	91.30	0.12	0.00
	gp1	2	0.00	17.27	82.73			

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
10	gp2	2	0.00	27.54	72.46			
	gp3	2	0.00	0.85	99.15			
	ind1	4	3.26	0.60	2.17	11.47	82.49	
	ind2	4	10.39	0.36	2.54	11.59	75.12	
	ind3	4	4.59	1.57	8.82	28.02	57.00	
	se1	2	0.36	2.66	96.98			
	se2	2	0.24	2.78	96.98			
	se3	2	1.57	2.78	95.65			
	sk1	4	3.26	0.12	0.60	9.90	86.11	
	sk2	4	10.39	0.12	0.85	8.09	80.56	
	sk3	4	4.59	29.59	20.89	36.47	8.45	

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

Table F-9. 2016 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	4.70	94.83	0.00	0.47
	comp3	5						
	comp5	5	0.00	0.00	3.85	95.68	0.19	0.28
	gp1	2	0.00	16.26	83.74			
	gp3	2						
	gp5	2	0.00	14.19	85.81			
	ind1	4	0.00	0.66	1.69	10.62	87.03	
	ind3	4						
	ind5	4	0.00	0.56	1.50	9.12	88.82	
	se1	2	0.19	2.44	97.37			
	se3	2						
	se5	2	0.19	2.07	97.74			
	sk1	4	0.00	0.19	0.47	6.02	93.33	
	sk3	4						
	sk5	4	0.00	0.19	0.28	7.71	91.82	
4	comp1	5	0.00	0.00	4.25	95.67	0.00	0.09
	comp2	5						
	comp3	5	0.00	0.00	4.68	95.23	0.09	0.00
	gp1	2	0.00	16.20	83.80			
	gp2	2						
	gp3	2	0.00	13.52	86.48			
	ind1	4	0.00	0.52	1.73	10.57	87.18	
	ind2	4						
	ind3	4	0.00	0.09	1.56	9.01	89.34	
	se1	2	0.69	3.21	96.10			
	se2	2						
	se3	2	0.52	3.12	96.36			
	sk1	4	0.00	0.00	0.69	6.07	93.24	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
4	sk2	4						
	sk3	4	0.00	0.00	0.52	6.15	93.33	
5	comp2	5	0.00	0.00	5.12	94.52	0.09	0.27
	comp3	5	0.00	0.00	4.06	95.58	0.18	0.18
	comp6	5						
	gp2	2	0.00	17.14	82.86			
	gp3	2	0.00	12.54	87.46			
	gp6	2						
	ind2	4	0.00	0.35	2.21	8.75	88.69	
	ind3	4	0.00	0.44	2.12	8.39	89.05	
	ind6	4						
	se2	2	0.44	2.65	96.91			
	se3	2	0.53	2.21	97.26			
	se6	2						
	sk2	4	0.00	0.09	0.71	5.48	93.73	
	sk3	4	0.00	0.00	0.53	4.68	94.79	
	sk6	4						
6	comp1	5	0.00	0.00	5.37	94.26	0.37	0.00
	comp2	5	0.00	0.00	5.46	94.17	0.19	0.19
	comp4	5						
	gp1	2	0.00	15.93	84.07			
	gp2	2	0.00	17.59	82.41			
	gp4	2						
	ind1	4	0.00	0.28	1.20	10.00	88.52	
	ind2	4	0.00	0.28	1.11	7.50	91.11	
	ind4	4						
	se1	2	0.74	3.15	96.11			
	se2	2	0.37	3.52	96.11			
	se4	2						
	sk1	4	0.00	0.09	0.65	5.46	93.80	
	sk2	4	0.00	0.09	0.28	5.00	94.63	
	sk4	4						
7	comp1	5	0.00	0.00	4.78	94.66	0.00	0.56
	comp3	5						
	comp4	5	0.00	0.00	2.34	97.09	0.09	0.47
	gp1	2	0.00	18.74	81.26			
	gp3	2						
	gp4	2	0.00	17.06	82.94			
	ind1	4	0.00	0.28	1.12	7.97	90.63	
	ind3	4						
	ind4	4	0.00	0.09	1.87	6.65	91.38	
	se1	2	0.94	1.87	97.19			
	se3	2						
	se4	2	1.12	1.87	97.00			
	sk1	4	0.00	0.00	1.22	5.06	93.72	
	sk3	4						
	sk4	4	0.00	0.09	0.66	5.90	93.35	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
8	comp2	5	0.00	0.00	8.63	90.78	0.39	0.20
	comp3	5						
	comp4	5	0.00	0.00	4.22	95.20	0.00	0.59
	gp2	2	0.00	23.24	76.76			
	gp3	2						
	gp4	2	0.00	19.41	80.59			
	ind2	4	0.00	0.20	2.16	9.51	88.14	
	ind3	4						
	ind4	4	0.00	0.39	1.27	10.29	88.04	
	se2	2	0.39	3.43	96.18			
	se3	2						
	se4	2	0.59	3.04	96.37			
	sk2	4	0.00	0.10	0.98	7.84	91.08	
	sk3	4						
sk4	4	0.00	0.00	0.29	7.35	92.35		
HS	comp1	5	0.00	0.00	13.29	84.81	1.27	0.63
	comp2	5	0.00	0.00	5.97	93.56	0.31	0.16
	comp3	5	0.00	0.00	4.92	94.57	0.34	0.17
	comp4	5	0.00	0.00	11.66	87.81	0.35	0.18
	comp5	5	0.00	0.00	8.85	90.53	0.21	0.41
	gp1	2	0.00	34.18	65.82			
	gp2	2	0.00	15.07	84.93			
	gp3	2	0.00	17.32	82.68			
	gp4	2	0.00	17.84	82.16			
	gp5	2	0.00	22.63	77.37			
	ind1	4	4.43	0.00	2.53	10.76	82.28	
	ind2	4	2.35	0.78	2.20	9.89	84.77	
	ind3	4	1.53	0.68	1.70	12.22	83.87	
	ind4	4	3.18	0.88	2.83	10.78	82.33	
	ind5	4	7.61	0.82	1.65	8.64	81.28	
	se1	2	1.27	5.06	93.67			
	se2	2	0.31	3.14	96.55			
	se3	2	0.17	1.87	97.96			
	se4	2	0.35	3.18	96.47			
	se5	2	0.62	1.65	97.74			
	sk1	4	4.43	0.00	1.90	8.23	85.44	
sk2	4	2.35	0.00	1.26	8.95	87.44		
sk3	4	1.53	0.00	0.85	7.64	89.98		
sk4	4	3.18	0.18	1.24	9.72	85.69		
sk5	4	7.61	0.41	0.82	9.88	81.28		

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

Table F-10. 2016 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	4.08	95.72	0.10	0.10
	comp2	5	0.00	0.00	4.64	95.16	0.10	0.10
	comp3	5	0.00	0.00	4.47	95.41	0.00	0.12
	comp4	5	0.00	0.00	4.92	94.88	0.20	0.00
	gp1	2	0.00	13.33	86.67			
	gp2	2	0.00	11.00	89.00			
	gp3	2	0.00	11.73	88.27			
	gp4	2	0.00	10.45	89.55			
	ind1	4	2.19	0.30	1.49	6.47	89.55	
	ind2	4	2.12	0.20	1.72	6.56	89.40	
	ind3	4	2.30	0.73	2.30	6.29	88.39	
	ind4	4	1.02	0.20	1.43	5.94	91.39	
	se1	2	1.09	2.69	96.22			
	se2	2	0.71	2.42	96.87			
	se3	2	0.60	2.54	96.86			
	se4	2	0.82	3.07	96.11			
	sk1	4	2.19	0.00	1.09	4.28	92.44	
	sk2	4	2.12	0.00	0.61	3.43	93.84	
	sk3	4	2.30	0.00	0.24	6.29	91.17	
	sk4	4	1.02	0.00	0.00	4.71	94.26	
8	comp1	5	0.00	0.00	4.95	95.05	0.00	0.00
	comp2	5	0.00	0.00	5.58	94.42	0.00	0.00
	comp3	5	0.00	0.00	4.13	95.87	0.00	0.00
	comp4	5	0.00	0.00	4.96	95.04	0.00	0.00
	gp1	2	0.00	13.53	86.47			
	gp2	2	0.00	12.69	87.31			
	gp3	2	0.00	10.32	89.68			
	gp4	2	0.00	12.79	87.21			
	ind1	4	1.87	0.00	1.65	8.03	88.45	
	ind2	4	3.17	0.11	1.53	9.63	85.56	
	ind3	4	2.95	0.15	1.03	9.14	86.73	
	ind4	4	2.48	0.19	0.38	10.11	86.83	
	se1	2	0.22	3.74	96.04			
	se2	2	0.33	3.28	96.39			
	se3	2	0.74	2.21	97.05			
	se4	2	1.15	4.20	94.66			
	sk1	4	1.87	0.11	0.44	7.37	90.21	
	sk2	4	3.17	0.00	0.22	7.77	88.84	
	sk3	4	2.95	0.00	0.29	6.49	90.27	
	sk4	4	2.48	0.00	0.38	7.06	90.08	

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

Table F-11. 2016 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	5.57	93.98	0.15	0.30
comp2	5	0.00	0.00	5.42	94.13	0.15	0.30
comp3	5	0.00	0.00	5.42	94.28	0.30	0.00
comp4	5						
gp1	2	0.00	9.04	90.96			
gp2	2	0.00	8.73	91.27			
gp3	2	0.00	8.73	91.27			
gp4	2						
ind1	4	3.92	0.30	1.66	10.54	83.58	
ind2	4	2.11	0.00	1.51	9.34	87.05	
ind3	4	3.16	0.45	2.11	10.99	83.28	
ind4	4						
se1	2	0.15	1.66	98.19			
se2	2	0.00	1.96	98.04			
se3	2	0.15	1.51	98.34			
se4	2						
sk1	4	3.92	0.15	0.90	8.73	86.30	
sk2	4	2.11	0.00	1.36	9.19	87.35	
sk3	4	3.16	0.15	0.90	8.28	87.50	
sk4	4						

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

Table F-12. 2016 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	2.94	97.06	0.00	0.00
comp2	5	0.00	0.00	2.94	97.06	0.00	0.00
comp3	5	0.00	0.00	5.88	94.12	0.00	0.00
gp1	2	0.00	5.88	94.12			
gp2	2	0.00	5.88	94.12			
gp3	2	0.00	5.88	94.12			
ind1	4	0.00	0.00	2.94	20.59	76.47	
ind2	4	0.00	2.94	5.88	20.59	70.59	
ind3	4	5.88	2.94	2.94	14.71	73.53	
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	0.00	0.00	2.94	26.47	70.59	
sk2	4	0.00	0.00	5.88	8.82	85.29	
sk3	4	5.88	0.00	2.94	29.41	61.76	

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

Table F-13. 2016 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	19.61	72.55	1.96	5.88
comp2	5	0.00	0.00	19.61	72.55	1.96	5.88
comp3	5	0.00	0.00	19.61	72.55	7.84	0.00
gp1	2	0.00	31.37	68.63			
gp2	2	0.00	29.41	70.59			
gp3	2	0.00	29.41	70.59			
ind1	4	1.96	0.00	7.84	11.76	78.43	
ind2	4	3.92	0.00	3.92	17.65	74.51	
ind3	4	3.92	0.00	3.92	19.61	72.55	
se1	2	3.92	11.76	84.31			
se2	2	1.96	15.69	82.35			
se3	2	3.92	13.73	82.35			
sk1	4	1.96	0.00	3.92	17.65	76.47	
sk2	4	3.92	0.00	9.80	19.61	66.67	
sk3	4	3.92	3.92	7.84	9.80	74.51	

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

Table F-14. 2016 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	17.44	82.56	0.00	0.00
comp2	5	0.00	0.00	16.28	83.72	0.00	0.00
comp3	5	0.00	0.00	13.95	86.05	0.00	0.00
gp1	2	0.00	19.77	80.23			
gp2	2	0.00	19.77	80.23			
gp3	2	0.00	16.28	83.72			
ind1	4	4.65	2.33	3.49	11.63	77.91	
ind2	4	1.16	0.00	5.81	16.28	76.74	
ind3	4	2.33	1.16	5.81	16.28	74.42	
se1	2	2.33	6.98	90.70			
se2	2	2.33	8.14	89.53			
se3	2	2.33	9.30	88.37			
sk1	4	4.65	1.16	1.16	12.79	80.23	
sk2	4	1.16	0.00	1.16	16.28	81.40	
sk3	4	2.33	0.00	1.16	10.47	86.05	

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