

# **APPENDIX F**

## **ITEM-LEVEL SCORE DISTRIBUTIONS**



**Table F-1. 2014 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	292692	4	3.50	18.28	44.04	27.55	6.46								
	294033	2	6.73	55.78	36.97										
	297091	2	6.91	40.28	52.6										
	297092	2	15.86	59.35	24.46										
	301546	2	15.96	63.93	19.70										
4	287980C	8	0.73		0.21	0.53	12.16	9.77	29.62	17.39	29.58				
	287980T	12	0.73		0.76	0.86	9.43	6.73	28.64	12.40	25.31	8.50	5.94	0.52	0.17
	291174	4	5.96	16.54	42.82	30.09	3.97								
	298601	4	2.43	27.61	46.41	19.71	3.60								
	298700	4	3.23	18.45	48.07	25.76	4.26								
	302610	4	14.36	30.48	36.45	15.08	3.16								
5	283382	4	9.24	24.19	40.96	21.24	3.96								
	283516	4	7.20	21.61	45.30	21.15	4.22								
	286706	4	3.84	22.13	43.47	25.33	5.06								
	302388	4	1.77	12.16	47.23	31.83	6.87								
6	297954	4	2.04	9.84	35.43	40.45	12.04								
	302790	4	22.76	22.29	32.09	17.57	4.62								
	303199	4	1.20	12.81	38.49	36.40	10.92								
	303489	4	2.38	16.32	43.74	29.37	7.83								
7	280092	4	3.22	10.47	25.38	35.90	24.77								
	285633	4	7.17	9.82	28.35	35.76	18.40								
	285675	4	6.26	13.63	32.23	39.37	7.80								
	304146	4	3.68	14.82	39.95	36.55	4.73								
	305031C	8	0.77		0.06	0.10	6.63	4.99	29.33	16.54	41.59				
305031T	12	0.77		0.46	0.38	5.69	4.25	28.9	14.78	32.35	7.58	4.54	0.19	0.11	
8	271621	4	3.07	8.61	26.29	43.46	18.25								
	291463	4	5.06	9.55	30.66	40.20	14.03								
	302312	4	4.08	13.94	33.53	34.52	13.58								
	303867	4	2.94	10.69	43.84	29.33	12.77								

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	292414	4	2.84	7.84	32.16	42.83	13.65								
	299038	4	1.31	8.30	30.81	45.09	14.21								
	299622C	8	1.26		0.02	0.02	3.08	2.73	22.59	17.72	52.57				
	299622T	12	1.26		0.11	0.11	2.53	2.17	21.38	14.98	42.88	9.10	5.14	0.19	0.16
	302690	4	1.76	11.86	37.14	35.25	13.55								
	304095	4	0.50	6.19	31.80	47.57	13.74								

**Table F-2. 2014 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	260574	1	16.09	83.75			
	260581	1	20.73	79.13			
	293506	2	15.68	17.30	66.88		
	297442	2	17.10	7.82	74.90		
	297497	1	67.77	31.97			
	297639	1	44.71	55.01			
	297641	2	13.40	45.33	41.09		
	300056	1	48.62	51.14			
	300744	1	64.59	35.03			
	303815	2	23.93	27.44	48.38		
4	227192	4	20.55	24.08	13.26	13.65	28.17
	258228	1	16.93	82.86			
	279788	1	16.47	83.24			
	293508	1	37.90	61.83			
	297983	1	23.32	76.49			
	302407	1	48.28	51.12			
	302480	1	27.42	72.30			
	302495	4	24.79	26.16	16.46	20.10	11.94
	303336	4	5.85	6.99	11.79	35.50	39.60
	304983	4	25.57	16.17	3.79	17.26	36.75
5	207514	1	22.09	77.79			
	221205	1	10.15	89.69			
	221207	1	21.36	78.49			
	248878	1	16.36	83.44			
	272880	4	3.77	6.85	7.89	27.25	54.01
	272901	4	14.50	13.82	6.03	19.18	46.22
	280746	1	36.07	63.66			
	290254	4	5.64	16.36	13.05	29.89	34.90
	303755	1	36.45	63.30			
	303763	4	25.21	29.71	2.22	16.53	26.02
6	217663	4	8.66	49.42	4.82	7.97	28.85
	229029	1	7.36	92.40			
	282255	4	1.73	5.25	11.32	35.74	45.82
	290248	1	35.83	63.94			
	294266	1	37.04	62.61			
	296387	1	56.77	42.71			
	296392	4	2.27	20.25	34.39	17.49	25.37
	301235	1	27.54	72.10			
	301248	4	3.85	10.36	4.60	29.91	51.08
	303717	1	21.20	78.62			
7	227953	1	11.39	88.36			
	239637	1	20.97	78.74			
	282224	1	45.78	52.63			
	288736	4	22.33	18.74	6.56	22.86	28.72
	289859	4	3.99	7.11	9.65	17.95	61.03

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	
7	295755	1	11.33	88.41				
	301865	4	16.17	4.68	26.47	12.36	39.87	
	302322	1	42.84	56.36				
	302340	4	10.77	31.45	21.26	19.95	15.75	
	303701	1	18.93	80.88				
8	228379	1	10.99	88.56				
	253790	1	24.35	75.06				
	285090	4	3.88	16.10	45.93	1.91	31.84	
	296085	1	27.86	71.78				
	297663	1	31.18	68.28				
	301484	4	14.45	27.04	13.84	19.47	24.53	
	301700	1	59.07	40.25				
	301703	1	51.49	47.78				
	303350	4	4.28	28.76	10.78	26.22	29.31	
	310218	4	12.91	35.13	14.77	15.46	20.58	
10	258803	1	28.31	71.01				
	284087	4	14.16	12.59	28.15	15.88	27.54	
	287743	1	38.69	58.37				
	287900	4	27.86	2.74	10.79	3.56	53.35	
	288095	4	3.22	9.34	26.73	44.56	13.54	
	288133	1	30.99	67.63				
	301254	4	0.87	3.84	15.05	30.75	48.42	
	301488	4	10.89	11.42	22.36	4.87	49.67	
	303397	4	14.23	16.70	18.86	26.59	22.75	
	304335	1	54.55	43.21				

**Table F-3. 2014 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	288156	4	16.33	24.20	24.36	23.92	11.02
	288173	4	15.44	9.17	35.40	10.74	29.06
	288179	4	5.39	33.71	25.01	25.68	10.03
	294542	4	14.57	39.28	24.52	16.79	4.25
8	252715	4	10.23	23.04	31.91	25.29	8.84
	288309	4	20.82	30.85	23.83	15.66	8.27
	293815	4	3.88	22.08	53.61	7.83	11.38
	294112	4	4.01	14.35	29.65	25.66	25.44

**Table F-4. 2014 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
279504	4	10.02	14.52	30.93	19.07	24.95
281157	4	4.59	15.64	35.45	30.25	13.40
281196	4	30.21	21.97	17.93	18.97	8.63
296812	4	25.28	29.67	17.58	14.50	11.35
299793	4	8.70	11.37	12.16	21.93	44.62

**Table F-5. 2014 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
244944	4	12.89	10.98	37.25	13.09	22.45
260796	4	9.36	15.19	34.67	24.55	14.42
294709	4	14.71	15.76	17.77	21.20	28.84
298326	4	16.62	29.70	25.69	13.09	11.37
299725	4	10.51	5.83	18.34	33.14	27.98

**Table F-6. 2014 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
216428	4	15.72	14.74	29.00	29.09	9.02
287332	4	11.24	18.54	47.77	16.29	4.80
293879	4	13.28	25.14	39.61	13.80	5.11
294258	4	13.74	19.31	30.74	20.04	15.02
304275	4	14.16	14.39	27.17	27.69	13.92

**Table F-7. 2014 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
288406	4	35.70	18.31	7.72	19.39	14.11
290850	4	24.87	42.51	21.63	7.02	1.29
294379	4	15.28	51.76	19.18	7.56	4.15
294425	4	6.23	18.14	32.21	32.79	9.17
296473	4	2.91	10.63	34.95	42.18	8.72

**Table F-8. 2014 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	4.37	95.33	0.00	0.30
	comp2	5	0.00	0.00	5.26	94.44	0.00	0.30
	comp3	5						
	gp1	2	0.00	13.41	86.59			
	gp2	2	0.00	24.03	75.97			
	gp3	2						
	ind1	4	0.00	0.30	1.09	6.55	92.06	
	ind2	4	0.00	0.50	1.99	7.85	89.67	
	ind3	4						
	se1	2	1.09	2.88	96.03			
	se2	2	1.19	3.18	95.63			
	se3	2						
	sk1	4	0.00	0.20	0.60	6.16	93.05	
	sk2	4	0.00	0.30	0.50	7.65	91.56	
	sk3	4						
4	comp1	5	0.00	0.00	3.81	96.10	0.00	0.08
	comp2	5	0.00	0.00	3.30	96.61	0.00	0.08
	comp3	5	0.00	0.00	4.32	95.60	0.00	0.08
	gp1	2	0.00	11.43	88.57			
	gp2	2	0.00	22.18	77.82			
	gp3	2	0.00	22.44	77.56			
	ind1	4	1.61	0.51	1.35	6.52	90.01	
	ind2	4	13.21	0.42	1.19	7.45	77.73	
	ind3	4	2.29	0.51	2.03	10.25	84.93	
	se1	2	0.76	3.73	95.51			
	se2	2	0.76	3.56	95.68			
	se3	2	0.76	3.90	95.34			
	sk1	4	1.61	0.00	0.34	5.42	92.63	
	sk2	4	13.21	0.00	0.34	5.00	81.46	
	sk3	4	2.29	0.08	0.59	4.83	92.21	
5	comp1	5	0.00	0.00	2.42	97.38	0.19	0.00
	comp2	5	0.00	0.00	2.81	96.99	0.19	0.00
	comp3	5						
	gp1	2	0.00	9.89	90.11			
	gp2	2	0.00	19.20	80.80			
	gp3	2						
	ind1	4	0.00	1.07	0.78	4.75	93.40	
	ind2	4	0.00	1.07	1.75	8.44	88.75	
	ind3	4						
	se1	2	1.36	3.59	95.05			
	se2	2	1.36	2.13	96.51			
	se3	2						
	sk1	4	0.00	0.00	1.07	4.66	94.28	
	sk2	4	0.00	0.00	0.48	5.92	93.60	
	sk3	4						
6	comp1	5	0.00	0.00	3.64	96.36	0.00	0.00

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	4.42	95.58	0.00	0.00
	gp1	2	0.00	15.01	84.99			
	gp2	2	0.00	22.85	77.15			
	ind1	4	0.00	3.75	1.66	6.18	88.41	
	ind2	4	0.00	3.53	2.98	9.27	84.22	
	se1	2	0.66	3.75	95.58			
	se2	2	0.99	3.64	95.36			
	sk1	4	0.00	0.11	0.44	6.62	92.83	
	sk2	4	0.00	0.00	0.77	7.06	92.16	
7	comp1	5	0.00	0.00	4.09	95.82	0.09	0.00
	comp2	5	0.00	0.00	3.81	96.09	0.09	0.00
	comp3	5	0.00	0.00	4.27	95.64	0.09	0.00
	gp1	2	0.00	15.53	84.47			
	gp2	2	0.00	24.25	75.75			
	gp3	2	0.00	22.16	77.84			
	ind1	4	2.09	2.36	1.18	8.17	86.19	
	ind2	4	24.89	1.18	1.18	6.99	65.76	
	ind3	4	2.09	2.45	2.00	11.81	81.65	
	se1	2	1.82	3.63	94.55			
	se2	2	1.73	3.18	95.10			
	se3	2	1.45	3.45	95.10			
	sk1	4	2.09	0.00	0.54	5.90	91.46	
	sk2	4	24.89	0.18	0.64	5.63	68.66	
sk3	4	2.09	0.09	1.09	6.36	90.37		
8	comp1	5	0.00	0.00	3.64	96.22	0.00	0.14
	comp2	5	0.00	0.00	4.20	95.66	0.00	0.14
	comp3	5						
	gp1	2	0.00	11.76	88.24			
	gp2	2	0.00	22.97	77.03			
	gp3	2						
	ind1	4	0.00	2.10	0.98	6.16	90.76	
	ind2	4	0.00	2.66	1.12	8.26	87.96	
	ind3	4						
	se1	2	0.28	3.50	96.22			
	se2	2	0.14	3.78	96.08			
	sk1	4	0.00	0.00	1.12	6.72	92.16	
	sk2	4	0.00	0.14	0.98	6.72	92.16	
sk3	4							
10	comp1	5	0.00	0.00	3.26	96.30	0.44	0.00
	comp2	5	0.00	0.00	3.56	96.15	0.30	0.00
	comp3	5	0.00	0.00	4.15	95.41	0.30	0.15
	gp1	2	0.00	17.48	82.52			
	gp2	2	0.00	30.37	69.63			
	gp3	2	0.00	28.00	72.00			
	ind1	4	3.11	0.59	2.37	13.04	80.89	
	ind2	4	16.89	0.30	1.33	11.41	70.07	
	ind3	4	4.00	0.44	2.52	15.11	77.93	
se1	2	0.59	3.26	96.15				

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
10	se2	2	1.19	3.26	95.56			
	se3	2	0.74	2.81	96.44			
	sk1	4	3.11	0.00	0.89	7.85	88.15	
	sk2	4	16.89	0.00	1.04	10.96	71.11	
	sk3	4	4.00	0.15	1.04	9.04	85.78	

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

**Table F-9. 2014 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	5.15	94.66	0.00	0.18
	comp3	5						
	comp5	5	0.00	0.00	5.61	94.20	0.09	0.09
	gp1	2	0.00	15.92	84.08			
	gp3	2						
	gp5	2	0.00	16.01	83.99			
	ind1	4	0.00	0.55	1.01	8.10	90.34	
	ind3	4						
	ind5	4	0.00	0.74	1.56	8.37	89.33	
	se1	2	1.01	3.13	95.86			
	se3	2						
	se5	2	1.20	3.22	95.58			
	sk1	4	0.00	0.09	0.83	7.08	92.00	
	sk3	4						
	sk5	4	0.00	0.18	0.55	7.54	91.72	
4	comp1	5	0.00	0.00	4.07	95.93	0.00	0.00
	comp3	5	0.00	0.00	4.24	95.76	0.00	0.00
	gp1	2	0.00	18.83	81.17			
	gp3	2	0.00	12.73	87.27			
	ind1	4	0.00	0.80	1.77	8.49	88.95	
	ind3	4	0.00	0.53	1.33	8.05	90.10	
	se1	2	0.27	3.63	96.11			
	se3	2	0.44	3.36	96.20			
	sk1	4	0.00	0.09	0.44	4.60	94.87	
	sk3	4	0.00	0.09	0.27	3.98	95.67	
5	comp2	5	0.00	0.00	3.67	95.90	0.26	0.17
	comp3	5	0.00	0.00	2.56	97.01	0.26	0.17
	comp6	5						
	gp2	2	0.00	13.57	86.43			
	gp3	2	0.00	11.60	88.40			
	gp6	2						
	ind2	4	0.00	1.11	1.54	6.74	90.61	
	ind3	4	0.00	1.19	1.71	7.42	89.68	
	ind6	4						

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	se2	2	1.54	2.90	95.56			
	se3	2	1.54	2.13	96.33			
	se6	2						
	sk2	4	0.00	0.00	0.51	5.89	93.60	
	sk3	4	0.00	0.00	0.26	6.14	93.60	
	sk6	4						
6	comp1	5	0.00	0.00	6.69	93.05	0.26	0.00
	comp2	5	0.00	0.00	6.34	93.40	0.18	0.09
	comp4	5						
	gp1	2	0.00	16.20	83.80			
	gp2	2	0.00	17.69	82.31			
	gp4	2						
	ind1	4	0.00	3.17	1.94	8.45	86.44	
	ind2	4	0.00	2.99	1.76	7.83	87.41	
	ind4	4						
	se1	2	1.14	3.43	95.42			
	se2	2	1.14	3.08	95.77			
	se4	2						
	sk1	4	0.00	0.26	0.70	5.19	93.84	
	sk2	4	0.00	0.18	0.53	5.28	94.01	
sk4	4							
7	comp1	5	0.00	0.00	5.48	94.24	0.28	0.00
	comp3	5						
	comp4	5	0.00	0.00	3.07	96.65	0.28	0.00
	gp1	2	0.00	14.78	85.22			
	gp3	2						
	gp4	2	0.00	13.20	86.80			
	ind1	4	0.00	2.51	1.58	9.11	86.80	
	ind3	4						
	ind4	4	0.00	2.42	1.30	6.97	89.31	
	se1	2	1.12	3.53	95.35			
	se3	2						
	se4	2	1.02	3.62	95.35			
	sk1	4	0.00	0.00	1.02	5.48	93.49	
	sk3	4						
sk4	4	0.00	0.28	0.56	5.20	93.96		
8	comp2	5	0.00	0.00	6.09	93.70	0.11	0.11
	comp3	5						
	comp4	5	0.00	0.00	3.47	96.32	0.11	0.11
	gp2	2	0.00	20.17	79.83			
	gp3	2						
	gp4	2	0.00	15.34	84.66			
	ind2	4	0.00	2.94	2.21	7.77	87.08	
	ind3	4						
	ind4	4	0.00	2.73	2.00	5.88	89.39	
	se2	2	0.53	3.36	96.11			
	se4	2	0.32	3.47	96.22			
	sk2	4	0.00	0.00	0.74	7.04	92.23	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
8	sk3	4						
	sk4	4	0.00	0.00	0.74	5.04	94.22	
10	comp1	5	0.00	0.00	2.53	96.12	0.84	0.51
	comp2	5	0.00	0.00	1.22	96.84	1.46	0.49
	comp3	5	0.00	0.00	5.07	92.68	1.97	0.28
	comp4	5	0.00	0.00	2.24	96.02	1.49	0.25
	comp5	5	0.00	0.00	2.04	96.43	1.28	0.26
	gp1	2	0.00	21.59	78.41			
	gp2	2	0.00	21.17	78.83			
	gp3	2	0.00	18.59	81.41			
	gp4	2	0.00	17.16	82.84			
	gp5	2	0.00	16.84	83.16			
	ind1	4	6.07	0.67	2.36	10.46	80.44	
	ind2	4	5.60	0.73	1.70	12.41	79.56	
	ind3	4	5.07	0.28	3.38	9.30	81.97	
	ind4	4	5.72	0.25	1.49	9.45	83.08	
	ind5	4	6.38	0.00	1.53	7.65	84.44	
	se1	2	1.18	2.02	96.80			
	se2	2	0.73	3.41	95.86			
	se3	2	1.13	4.23	94.65			
	se4	2	1.99	2.99	95.02			
	se5	2	2.30	1.02	96.68			
sk1	4	6.07	0.17	0.67	8.43	84.65		
sk2	4	5.60	0.24	1.22	9.25	83.70		
sk3	4	5.07	0.00	1.13	9.01	84.79		
sk4	4	5.72	0.00	1.74	8.46	84.08		
sk5	4	6.38	0.00	0.26	7.65	85.71		

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

**Table F-10. 2014 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	2.78	97.12	0.11	0.00
	comp2	5	0.00	0.00	3.11	96.78	0.10	0.00
	comp3	5	0.00	0.00	2.80	97.07	0.12	0.00
	comp4	5	0.00	0.00	1.77	98.23	0.00	0.00
	gp1	2	0.00	9.08	90.92			
	gp2	2	0.00	8.09	91.91			
	gp3	2	0.00	9.27	90.73			
	gp4	2	0.00	6.62	93.38			
	ind1	4	5.34	1.39	1.18	6.09	86.00	
	ind2	4	6.02	0.83	1.24	4.67	87.24	
	ind3	4	2.93	0.98	1.46	4.39	90.24	
	ind4	4	2.87	2.21	1.32	5.08	88.52	

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	se1	2	1.28	2.99	95.73			
	se2	2	1.24	3.42	95.33			
	se3	2	1.34	2.32	96.34			
	se4	2	1.32	3.75	94.92			
	sk1	4	5.34	0.11	0.96	5.34	88.25	
	sk2	4	6.02	0.10	0.52	4.36	89.00	
	sk3	4	2.93	0.12	1.10	4.27	91.59	
	sk4	4	2.87	0.00	0.22	6.62	90.29	
8	comp1	5	0.00	0.00	4.17	95.46	0.25	0.12
	comp2	5	0.00	0.00	4.37	95.27	0.24	0.12
	comp3	5	0.00	0.00	4.09	95.43	0.31	0.16
	comp4	5	0.00	0.00	3.23	96.77	0.00	0.00
	gp1	2	0.00	9.45	90.55			
	gp2	2	0.00	8.04	91.96			
	gp3	2	0.00	10.71	89.29			
	gp4	2	0.00	9.89	90.11			
	ind1	4	3.93	2.45	1.10	7.36	85.15	
	ind2	4	7.09	2.60	1.30	7.21	81.80	
	ind3	4	5.51	3.31	1.42	5.98	83.78	
	ind4	4	2.15	0.86	0.65	6.02	90.32	
	se1	2	0.61	3.56	95.83			
	se2	2	1.30	3.78	94.92			
	se3	2	0.63	4.09	95.28			
	se4	2	1.51	3.01	95.48			
	sk1	4	3.93	0.00	1.10	6.01	88.96	
	sk2	4	7.09	0.00	0.71	5.67	86.52	
	sk3	4	5.51	0.00	0.79	6.30	87.40	
	sk4	4	2.15	0.22	0.43	7.74	89.46	

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

**Table F-11. 2014 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	3.89	95.19	0.93	0.00
comp2	5	0.00	0.00	3.31	95.21	1.10	0.37
comp3	5	0.00	0.00	3.70	95.19	1.11	0.00
comp4	5						
gp1	2	0.00	11.48	88.52			
gp2	2	0.00	11.97	88.03			
gp3	2	0.00	12.01	87.99			
gp4	2						
ind1	4	7.22	0.74	2.96	9.81	79.26	
ind2	4	4.97	0.18	2.39	9.02	83.43	
ind3	4	3.88	0.18	3.14	9.80	82.99	

continued

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
ind4	4						
se1	2	0.19	2.78	97.04			
se2	2	0.55	2.58	96.87			
se3	2	0.37	2.96	96.67			
se4	2						
sk1	4	7.22	0.19	2.04	6.67	83.89	
sk2	4	4.97	0.18	0.92	8.84	85.08	
sk3	4	3.88	0.18	2.22	9.06	84.66	
sk4	4						

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

**Table F-12. 2014 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	5.26	94.74	0.00	0.00
comp2	5	0.00	0.00	5.26	94.74	0.00	0.00
comp3	5	0.00	0.00	7.89	92.11	0.00	0.00
gp1	2	0.00	15.79	84.21			
gp2	2	0.00	15.79	84.21			
gp3	2	0.00	15.79	84.21			
ind1	4	5.26	0.00	0.00	10.53	84.21	
ind2	4	2.63	2.63	2.63	10.53	81.58	
ind3	4	7.89	2.63	0.00	13.16	76.32	
se1	2	2.63	7.89	89.47			
se2	2	2.63	7.89	89.47			
se3	2	2.63	7.89	89.47			
sk1	4	5.26	0.00	5.26	13.16	76.32	
sk2	4	2.63	0.00	2.63	26.32	68.42	
sk3	4	7.89	0.00	2.63	26.32	63.16	

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

**Table F-13. 2014 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	2.44	90.24	2.44	4.88
comp2	5	0.00	0.00	2.44	90.24	2.44	4.88
comp3	5	0.00	0.00	2.44	90.24	0.00	7.32
gp1	2	0.00	9.76	90.24			
gp2	2	0.00	7.32	92.68			
gp3	2	0.00	9.76	90.24			

continued

Item Number	Total Possible Points	Percent of Students at Score Point					
		0	1	2	3	4	5
ind1	4	0.00	0.00	0.00	7.32	92.68	
ind2	4	19.51	2.44	0.00	9.76	68.29	
ind3	4	4.88	0.00	0.00	2.44	92.68	
se1	2	0.00	2.44	97.56			
se2	2	0.00	2.44	97.56			
se3	2	0.00	2.44	97.56			
sk1	4	0.00	0.00	0.00	2.44	97.56	
sk2	4	19.51	0.00	0.00	4.88	75.61	
sk3	4	4.88	0.00	2.44	2.44	90.24	

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

**Table F-14. 2014 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	16.33	83.67	0.00	0.00
comp2	5	0.00	0.00	14.29	85.71	0.00	0.00
comp3	5	0.00	0.00	12.24	87.76	0.00	0.00
gp1	2	0.00	24.49	75.51			
gp2	2	0.00	24.49	75.51			
gp3	2	0.00	28.57	71.43			
ind1	4	4.08	0.00	2.04	8.16	85.71	
ind2	4	8.16	0.00	2.04	12.24	77.55	
ind3	4	2.04	0.00	0.00	10.20	87.76	
se1	2	4.08	16.33	79.59			
se2	2	4.08	16.33	79.59			
se3	2	4.08	16.33	79.59			
sk1	4	4.08	0.00	0.00	6.12	89.80	
sk2	4	8.16	2.04	0.00	4.08	85.71	
sk3	4	2.04	0.00	2.04	4.08	91.84	

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