

# **Appendix F**

## **ITEM-LEVEL SCORE DISTRIBUTIONS**

**Table F-1. 2011 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	285032	2	11.34	46.76	41.73										
	286345	4	2.73	18.93	42.05	25.70	10.37								
	286605	2	7.96	53.81	37.88										
	287398	2	18.76	28.13	52.76										
	287412	2	6.72	68.75	24.24										
4	261561C	8	0.64		0.16	0.34	12.24	9.05	36.07	14.27	27.22				
	261561T	12	0.64		1.01	0.94	9.53	6.79	36.89	11.91	24.87	4.96	2.16	0.23	0.06
	277181	4	9.76	27.14	40.37	18.87	3.38								
	285409	4	8.88	39.61	35.77	12.67	2.76								
	285469	4	3.92	29.76	41.24	21.38	3.54								
	286474	4	1.72	14.36	38.34	34.85	10.49								
5	276393	4	10.46	28.67	37.41	18.57	4.74								
	283382	4	6.97	26.40	46.92	16.78	2.63								
	284586	4	4.58	22.60	43.42	21.50	7.63								
	286810	4	2.03	13.44	43.73	31.99	8.72								
6	270600	4	7.62	15.96	42.20	25.42	8.41								
	285772	4	2.60	15.81	39.18	31.78	10.51								
	286409	4	3.64	14.19	39.79	31.11	10.97								
	286541	4	1.78	9.84	33.21	42.84	12.23								
7	279198	4	4.63	15.71	35.31	32.82	11.19								
	281249C	8	0.25		0.12	0.19	4.06	5.73	31.48	24.11	34.06				
	281249T	12	0.25		0.27	0.25	3.50	4.30	29.18	20.36	28.84	9.03	3.89	0.09	0.06
	285675	4	4.52	17.74	37.58	32.48	7.05								
	285903	4	1.87	19.32	45.95	27.75	4.73								
	286515	4	1.72	8.10	28.24	46.54	15.29								
8	271501	4	1.99	11.71	34.76	37.12	13.86								
	276175	4	0.54	4.49	25.41	45.23	24.21								
	283698	4	1.45	10.73	33.17	35.58	18.68								
	285914	4	3.30	14.35	33.16	33.67	14.95								
10	279621	4	2.04	8.05	27.46	41.92	19.98								
	281754C	8	1.00		0.05	0.09	2.25	3.13	25.65	23.47	44.35				
	281754T	12	1.00		0.24	0.16	2.29	2.99	23.68	18.92	37.33	9.46	3.63	0.15	0.14
	284635	4	0.39	6.56	39.86	39.62	13.45								
	285143	4	0.71	9.83	44.44	37.56	7.06								
	285217	4	0.41	3.82	26.16	49.39	20.05								

**Table F-2. 2011 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	241024	2	8.32	43.24	48.16		
	252969	1	34.97	64.92			
	252972	2	6.79	28.42	64.66		
	252976	1	18.18	81.69			
	261014	1	15.57	84.30			
	273041	1	8.69	91.17			
	281105	1	50.14	49.47			
	281998	2	2.75	43.86	53.31		
	283007	1	45.05	54.68			
	283021	2	12.04	17.29	70.52		
4	219072	1	27.35	72.51			
	258215	1	27.30	72.23			
	258237	1	12.01	87.75			
	258253	4	17.59	4.70	6.11	16.27	55.12
	258283	4	21.07	28.60	16.07	20.67	13.41
	279792	1	55.03	44.56			
	281506	1	49.16	50.38			
	281891	4	5.44	15.16	18.81	26.34	34.02
	281896	4	3.17	10.84	23.78	18.93	43.04
	295242	1	10.01	89.80			
5	204924	1	35.37	64.37			
	217411	1	42.50	57.27			
	249171	4	1.71	3.70	15.44	23.87	55.16
	261596	1	20.41	79.39			
	272899	4	6.78	18.16	3.89	36.52	34.49
	273032	4	12.57	15.73	7.53	28.99	34.93
	280503	1	49.13	50.50			
	280511	4	13.43	21.90	26.68	24.26	13.52
	280746	1	35.87	63.91			
	280828	1	42.91	56.90			
6	265899	1	25.06	74.56			
	272190	4	8.89	12.32	3.67	16.25	58.68
	282161	1	33.19	66.49			
	282162	1	24.88	74.86			
	282163	4	2.46	13.27	4.34	30.33	49.47
	282252	1	34.72	65.11			
	282350	1	51.52	47.31			
	282474	4	15.52	27.88	13.14	20.32	22.93
	282487	1	58.32	41.34			
	282490	4	17.60	9.55	5.18	32.40	34.86
7	205711	4	10.22	11.11	12.29	20.90	44.37
	208792	1	34.68	65.01			
	250207	1	34.60	65.14			
	259286	1	25.63	74.03			
	259301	4	7.15	11.15	12.49	38.75	30.11
	272758	4	16.79	26.23	7.54	19.73	28.90
	282288	1	41.86	57.58			
	282289	4	2.59	8.53	28.70	34.30	25.26

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	
7	282322	1	20.52	79.21				
	287941	1	15.68	84.04				
8	219690	1	47.78	50.30				
	219697	1	22.57	76.75				
	228548	1	19.05	80.47				
	239639	4	10.69	35.66	11.40	16.15	25.30	
	264713	4	12.12	18.23	15.93	19.08	34.23	
	264747	4	9.11	29.82	6.37	29.81	24.07	
	265963	1	31.58	68.08				
	265967	4	10.35	15.44	6.29	26.92	40.28	
	283287	1	27.33	71.95				
	284918	1	36.81	62.20				
10	251056	1	30.89	67.51				
	254660	1	49.28	48.29				
	268443	4	4.12	10.25	15.87	22.66	46.47	
	273628	1	13.22	85.81				
	279260	1	42.36	57.15				
	279833	4	8.61	13.35	13.86	18.72	42.77	
	285493	4	12.16	27.44	9.26	11.56	36.89	
	285593	4	11.51	41.52	26.09	2.41	17.32	
	285609	4	2.86	16.61	32.59	29.01	18.28	
	286243	4	14.76	20.64	16.64	17.34	29.71	

**Table F-3. 2011 MCAS: 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	273698	4	11.37	32.35	31.06	19.22	5.75
	281876	4	5.99	10.48	40.00	22.37	20.98
	288169	4	6.92	14.73	23.18	30.33	24.62
	288173	4	16.84	9.82	36.99	10.75	25.46
8	252715	4	8.06	24.52	32.39	27.49	6.61
	265231	4	9.99	35.72	22.79	19.38	11.45
	273887	4	11.36	18.71	28.41	32.06	8.85
	281084	4	22.70	31.09	18.94	17.47	8.66

**Table F-4. 2011 MCAS: Item-Level Score Distributions for OR Items – High School Biology**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>				
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
242854	4	5.52	20.78	36.80	26.95	9.04
264697	4	8.88	18.15	23.91	22.70	25.74
268466	4	6.79	25.66	32.53	26.22	7.52
276841	4	11.11	24.58	25.16	29.33	8.05
285885	4	24.50	18.81	20.02	17.61	16.27

**Table F-5. 2011 MCAS: Item-Level Score Distributions for OR Items – High School Chemistry**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>				
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
254842	4	7.23	19.17	19.66	16.49	35.74
273022	4	16.41	26.97	31.36	14.05	8.85
273069	4	13.48	12.59	18.60	31.28	18.77
281112	4	12.51	21.61	13.73	12.02	36.23
281258	4	24.53	27.78	20.80	14.95	9.02

**Table F-6. 2011 MCAS: Item-Level Score Distributions for OR Items – High School Introductory Physics**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>				
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
235465	4	16.50	48.87	13.06	12.79	5.60
280881	4	13.58	16.75	13.60	48.99	4.25
280932	4	10.41	21.38	25.03	27.76	13.18
281908	4	18.74	21.45	19.99	22.31	12.88
285649	4	25.01	21.88	28.49	15.76	6.23

**Table F-7. 2011 MCAS: Item-Level Score Distributions for OR Items – High School Technology/Engineering**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>				
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
248687	4	21.18	30.12	23.59	14.61	7.78
265082	4	9.59	16.57	28.56	28.36	15.81
273124	4	14.06	27.21	39.36	11.80	5.12
274633	4	13.20	14.16	22.74	28.31	20.48
274660	4	8.53	35.49	21.79	23.39	8.53

**Table F-8. 2011 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	3.44	96.22	0.25	0.08
	comp2	5	0.00	0.00	4.87	94.79	0.25	0.08
	comp3	5						
	gp1	2	0.00	8.06	91.94			
	gp2	2	0.00	8.56	91.44			
	gp3	2						
	ind1	4	0.00	0.08	0.50	6.80	92.61	
	ind2	4	0.00	0.08	1.34	8.82	89.76	
	ind3	4						
	se1	2	1.18	4.11	94.71			
	se2	2	1.34	3.69	94.96			
	se3	2						
	sk1	4	0.00	0.25	0.84	6.38	92.53	
	sk2	4	0.00	0.17	1.09	7.30	91.44	
	sk3	4						
4	comp1	5	0.00	0.00	2.73	96.09	1.18	0.00
	comp2	5	0.00	0.00	3.91	94.92	1.11	0.07
	comp3	5	0.00	0.00	3.83	94.84	1.25	0.07
	gp1	2	0.00	7.96	92.04			
	gp2	2	0.00	11.79	88.21			
	gp3	2	0.00	11.79	88.21			
	ind1	4	1.84	0.29	0.81	6.41	90.64	
	ind2	4	1.55	0.22	1.11	7.30	89.83	
	ind3	4	2.28	0.37	1.77	9.43	86.15	
	se1	2	0.96	3.17	95.87			
	se2	2	0.88	3.68	95.43			
	se3	2	1.18	3.54	95.28			
	sk1	4	1.84	0.00	0.96	6.34	90.86	
	sk2	4	1.55	0.22	0.74	5.97	91.53	
	sk3	4	2.28	0.37	0.88	7.15	89.31	
5	comp1	5	0.00	0.00	3.63	95.53	0.83	0.00
	comp2	5	0.00	0.00	4.09	95.23	0.61	0.08
	gp1	2	0.00	11.13	88.87			
	gp2	2	0.00	11.66	88.34			
	ind1	4	0.00	0.15	1.29	7.87	90.69	
	ind2	4	0.00	0.30	1.29	7.19	91.22	
	se1	2	0.53	3.10	96.37			
	se2	2	0.45	2.88	96.67			
	sk1	4	0.00	0.08	0.83	5.00	94.10	
sk2	4	0.00	0.08	0.61	5.30	94.02		
6	comp1	5	0.00	0.00	3.51	95.53	0.96	0.00
	comp2	5	0.00	0.00	4.47	94.65	0.79	0.09
	gp1	2	0.00	6.49	93.51			
	gp2	2	0.00	7.27	92.73			
	ind1	4	0.00	0.26	1.58	7.36	90.80	
	ind2	4	0.00	0.26	1.49	8.59	89.66	
	se1	2	1.14	3.68	95.18			

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
6	se2	2	1.05	3.59	95.35			
	sk1	4	0.00	0.00	0.88	6.84	92.29	
	sk2	4	0.00	0.26	1.05	7.01	91.67	
7	comp1	5	0.00	0.00	1.73	98.09	0.17	0.00
	comp2	5	0.00	0.00	3.03	96.88	0.09	0.00
	comp3	5	0.00	0.00	2.25	97.57	0.17	0.00
	gp1	2	0.00	11.09	88.91			
	gp2	2	0.00	14.04	85.96			
	gp3	2	0.00	14.12	85.88			
	ind1	4	2.86	0.26	1.73	6.07	89.08	
	ind2	4	2.08	0.43	1.13	8.06	88.30	
	ind3	4	2.95	0.26	1.56	10.05	85.18	
	se1	2	1.47	2.34	96.19			
	se2	2	1.39	2.77	95.84			
	se3	2	1.65	1.91	96.45			
	sk1	4	2.86	0.00	0.43	5.20	91.51	
	sk2	4	2.08	0.00	0.35	5.63	91.94	
	sk3	4	2.95	0.00	0.26	7.19	89.60	
8	comp1	5	0.00	0.00	2.67	96.76	0.57	0.00
	comp2	5	0.00	0.00	3.62	96.00	0.38	0.00
	comp3	5						
	gp1	2	0.00	9.34	90.66			
	gp2	2	0.00	9.72	90.28			
	gp3	2						
	ind1	4	0.00	0.10	1.24	7.44	91.23	
	ind2	4	0.00	0.10	0.95	8.20	90.75	
	ind3	4						
	se1	2	0.95	2.19	96.85			
	se2	2	1.14	2.10	96.76			
	se3	2						
	sk1	4	0.00	0.00	0.48	5.24	94.28	
	sk2	4	0.00	0.10	0.86	6.01	93.04	
	sk3	4						
HS	comp1	5	0.00	0.00	3.41	95.45	0.38	0.76
	comp2	5	0.00	0.00	4.42	94.70	0.63	0.25
	comp3	5	0.00	0.00	4.17	94.57	0.63	0.63
	gp1	2	0.00	7.20	92.80			
	gp2	2	0.00	10.98	89.02			
	gp3	2	0.00	9.34	90.66			
	ind1	4	5.68	0.13	2.27	10.23	81.69	
	ind2	4	4.55	0.13	2.65	12.37	80.30	
	ind3	4	7.45	0.63	2.40	10.61	78.91	
	se1	2	2.02	3.16	94.82			
	se2	2	1.89	4.04	94.07			
	se3	2	2.40	4.29	93.31			
	sk1	4	5.68	0.13	0.88	9.85	83.46	
	sk2	4	4.55	0.13	1.52	9.47	84.34	
	sk3	4	7.45	0.25	0.63	7.95	83.71	

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

**Table F-9. 2011 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	4.07	95.33	0.34	0.25
	comp2	5	0.00	0.00	3.48	95.84	0.59	0.08
	comp3	5						
	comp4	5						
	gp1	2	0.00	9.59	90.41			
	gp2	2	0.00	8.49	91.51			
	gp3	2						
	gp4	2						
	ind1	4	0.00	0.59	0.93	7.98	90.49	
	ind2	4	0.00	0.34	1.36	7.81	90.49	
	ind3	4						
	ind4	4						
	se1	2	1.44	3.82	94.74			
	se2	2	1.36	3.31	95.33			
	se3	2						
	se4	2						
	sk1	4	0.00	0.08	1.36	7.39	91.17	
	sk2	4	0.00	0.17	1.02	7.89	90.92	
	sk3	4						
	sk4	4						
4	comp1	5	0.00	0.00	3.23	94.65	1.81	0.31
	comp2	5						
	comp3	5						
	comp5	5	0.00	0.00	3.46	94.49	1.73	0.31
	gp1	2	0.00	11.17	88.83			
	gp2	2						
	gp3	2						
	gp5	2	0.00	11.17	88.83			
	ind1	4	0.00	0.39	1.57	8.18	89.85	
	ind2	4						
	ind3	4						
	ind5	4	0.00	0.24	2.12	8.18	89.46	
	se1	2	0.87	3.15	95.99			
	se2	2						
	se3	2						
	se5	2	0.94	3.15	95.91			
	sk1	4	0.00	0.16	1.73	7.24	90.87	
	sk2	4						
	sk3	4						
	sk5	4	0.00	0.00	0.87	4.96	94.18	
5	comp1	5	0.00	0.00	3.41	94.47	1.97	0.15
	comp2	5						
	comp4	5	0.00	0.00	3.18	95.16	1.51	0.15
	gp1	2	0.00	9.24	90.76			
	gp2	2						
	gp4	2	0.00	9.39	90.61			
	ind1	4	0.00	0.15	1.74	7.42	90.69	
	ind2	4						

continued



Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
5	ind4	4	0.00	0.23	1.29	8.40	90.08	
	se1	2	0.30	3.10	96.59			
	se2	2						
	se4	2	0.30	2.42	97.27			
	sk1	4	0.00	0.08	0.76	6.89	92.28	
	sk2	4						
	sk4	4	0.00	0.15	0.38	4.84	94.63	
6	comp1	5	0.00	0.00	3.29	95.30	0.99	0.41
	comp2	5	0.00	0.00	3.29	95.22	1.07	0.41
	comp4	5						
	gp1	2	0.00	8.07	91.93			
	gp2	2	0.00	6.84	93.16			
	gp4	2						
	ind1	4	0.00	0.33	1.73	7.91	90.03	
	ind2	4	0.00	0.00	1.24	8.57	90.20	
	ind4	4						
	se1	2	1.24	2.97	95.80			
	se2	2	1.40	2.88	95.72			
	se4	2						
	sk1	4	0.00	0.08	0.74	7.99	91.19	
	sk2	4	0.00	0.08	1.15	6.34	92.42	
sk4	4							
7	comp1	5	0.00	0.00	2.31	96.89	0.71	0.09
	comp2	5						
	comp5	5	0.00	0.00	2.31	97.07	0.53	0.09
	gp1	2	0.00	12.87	87.13			
	gp2	2						
	gp5	2	0.00	10.65	89.35			
	ind1	4	0.00	0.35	1.33	8.78	89.53	
	ind2	4						
	ind5	4	0.00	0.09	1.69	10.29	87.93	
	se1	2	1.06	2.40	96.54			
	se2	2						
	se5	2	1.15	1.77	97.07			
	sk1	4	0.00	0.00	0.80	6.30	92.90	
	sk2	4						
sk5	4	0.00	0.00	0.44	6.65	92.90		
8	comp1	5	0.00	0.00	2.68	95.63	0.80	0.89
	comp2	5						
	comp3	5	0.00	0.00	2.59	95.27	1.43	0.71
	comp4	5						
	comp5	5						
	gp1	2	0.00	9.72	90.28			
	gp2	2						
	gp3	2	0.00	6.24	93.76			
	gp4	2						
	gp5	2						
	ind1	4	0.00	0.71	1.78	9.28	88.22	
	ind2	4						

continued

Grade	Item Number	Total Possible Points	Percent of Students at Score Point					
			0	1	2	3	4	5
8	ind3	4	0.00	0.27	1.07	7.76	90.90	
	ind4	4						
	ind5	4						
	se1	2	1.43	2.50	96.07			
	se2	2						
	se3	2	1.43	2.23	96.34			
	se4	2						
	se5	2						
	sk1	4	0.00	0.18	0.80	6.60	92.42	
	sk2	4						
	sk3	4	0.00	0.18	1.25	5.80	92.77	
	sk4	4						
	sk5	4						
HS	comp1	5	0.00	0.00	3.51	93.89	2.29	0.31
	comp2	5	0.00	0.00	4.58	92.37	3.05	0.00
	comp3	5	0.00	0.00	4.56	91.45	3.42	0.57
	comp4	5	0.00	0.00	4.83	91.26	3.68	0.23
	comp5	5	0.00	0.00	2.48	94.58	2.48	0.45
	gp1	2	0.00	11.60	88.40			
	gp2	2	0.00	10.02	89.98			
	gp3	2	0.00	8.83	91.17			
	gp4	2	0.00	8.28	91.72			
	gp5	2	0.00	4.06	95.94			
	ind1	4	3.51	0.15	1.37	11.15	83.82	
	ind2	4	8.71	0.00	2.40	12.20	76.69	
	ind3	4	5.13	0.28	1.99	11.97	80.63	
	ind4	4	7.59	0.00	2.99	8.97	80.46	
	ind5	4	11.29	0.00	1.35	8.13	79.23	
	se1	2	1.98	3.21	94.81			
	se2	2	2.40	4.36	93.25			
	se3	2	2.56	3.99	93.45			
	se4	2	3.22	5.75	91.03			
	se5	2	1.35	2.03	96.61			
	sk1	4	3.51	0.00	0.46	10.69	85.34	
	sk2	4	8.71	0.00	1.31	13.07	76.91	
	sk3	4	5.13	0.00	1.71	12.82	80.34	
sk4	4	7.59	0.00	0.92	12.87	78.62		
sk5	4	11.29	0.23	0.68	9.26	78.56		

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

**Table F-10. 2011 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	3.53	96.09	0.28	0.09
	comp2	5	0.00	0.00	3.24	96.39	0.28	0.09
	comp3	5	0.00	0.00	3.83	95.53	0.53	0.11
	comp4	5	0.00	0.00	5.78	93.98	0.24	0.00
	gp1	2	0.00	8.00	92.00			
	gp2	2	0.00	6.48	93.52			
	gp3	2	0.00	6.07	93.93			
	gp4	2	0.00	6.99	93.01			
	ind1	4	2.42	0.47	1.58	8.37	87.16	
	ind2	4	4.90	0.28	1.30	7.22	86.31	
	ind3	4	2.34	0.32	1.38	7.88	88.07	
	ind4	4	2.17	0.48	1.45	8.43	87.47	
	se1	2	0.47	2.79	96.74			
	se2	2	0.46	3.05	96.48			
	se3	2	0.75	2.66	96.59			
	se4	2	0.72	3.61	95.66			
	sk1	4	2.42	0.19	0.37	6.14	90.88	
	sk2	4	4.90	0.00	0.28	4.63	90.19	
	sk3	4	2.34	0.11	0.32	4.79	92.44	
	sk4	4	2.17	0.48	0.72	5.06	91.57	
8	comp1	5	0.00	0.00	2.38	97.17	0.34	0.11
	comp2	5	0.00	0.00	3.45	96.21	0.22	0.11
	comp3	5	0.00	0.00	3.66	95.75	0.44	0.15
	comp4	5	0.00	0.00	4.15	95.63	0.22	0.00
	gp1	2	0.00	4.86	95.14			
	gp2	2	0.00	6.46	93.54			
	gp3	2	0.00	6.15	93.85			
	gp4	2	0.00	6.33	93.67			
	ind1	4	2.15	0.79	1.24	9.62	86.20	
	ind2	4	3.12	0.33	1.45	8.24	86.86	
	ind3	4	2.64	0.29	1.46	8.64	86.97	
	ind4	4	3.71	0.66	1.09	9.39	85.15	
	se1	2	1.13	3.05	95.81			
	se2	2	1.00	2.67	96.33			
	se3	2	1.46	2.05	96.49			
	se4	2	2.40	3.28	94.32			
	sk1	4	2.15	0.34	1.02	5.20	91.29	
	sk2	4	3.12	0.11	1.34	6.24	89.20	
	sk3	4	2.64	0.15	0.73	6.30	90.19	
	sk4	4	3.71	0.22	0.44	7.21	88.43	

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

**Table F-11. 2011 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	3.13	94.12	2.57	0.18
comp2	5	0.00	0.00	3.13	94.12	2.57	0.18
comp3	5	0.00	0.00	3.13	94.12	2.57	0.18
gp1	2	0.00	5.51	94.49			
gp2	2	0.00	5.51	94.49			
gp3	2	0.00	6.07	93.93			
ind1	4	6.25	0.37	2.02	10.48	80.88	
ind2	4	5.33	0.18	1.65	11.58	81.25	
ind3	4	6.25	0.37	1.47	10.48	81.43	
se1	2	2.02	2.39	95.59			
se2	2	2.57	2.94	94.49			
se3	2	3.13	2.76	94.12			
sk1	4	6.25	0.18	0.37	10.66	82.54	
sk2	4	5.33	0.18	0.74	13.97	79.78	
sk3	4	6.25	0.37	0.37	12.13	80.88	

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

**Table F-12. 2011 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	4.84	93.55	1.61	0.00
comp2	5	0.00	0.00	4.84	93.55	1.61	0.00
comp3	5	0.00	0.00	4.84	93.55	1.61	0.00
gp1	2	0.00	3.23	96.77			
gp2	2	0.00	3.23	96.77			
gp3	2	0.00	1.61	98.39			
ind1	4	6.45	1.61	1.61	4.84	85.48	
ind2	4	3.23	0.00	1.61	3.23	91.94	
ind3	4	3.23	0.00	1.61	4.84	90.32	
se1	2	1.61	11.29	87.10			
se2	2	1.61	14.52	83.87			
se3	2	3.23	11.29	85.48			
sk1	4	6.45	0.00	3.23	16.13	74.19	
sk2	4	3.23	0.00	3.23	12.90	80.65	
sk3	4	3.23	0.00	6.45	16.13	74.19	

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

**Table F-13. 2011 MCAS-Alt: Item-Level Score Distributions for OR Items  
High School Introductory Physics**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>					
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
comp1	5	0.00	0.00	10.00	83.33	5.00	1.67
comp2	5	0.00	0.00	8.33	85.00	5.00	1.67
comp3	5	0.00	0.00	8.33	85.00	5.00	1.67
gp1	2	0.00	11.67	88.33			
gp2	2	0.00	13.33	86.67			
gp3	2	0.00	8.33	91.67			
ind1	4	5.00	0.00	5.00	11.67	78.33	
ind2	4	0.00	0.00	3.33	10.00	86.67	
ind3	4	3.33	0.00	3.33	6.67	86.67	
se1	2	0.00	8.33	91.67			
se2	2	1.67	6.67	91.67			
se3	2	3.33	6.67	90.00			
sk1	4	5.00	0.00	1.67	11.67	81.67	
sk2	4	0.00	0.00	1.67	10.00	88.33	
sk3	4	3.33	0.00	0.00	11.67	85.00	

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

**Table F-14. 2011 MCAS-Alt: Item-Level Score Distributions for OR Items  
High School Technology/Engineering**

<i>Item Number</i>	<i>Total Possible Points</i>	<i>Percent of Students at Score Point</i>					
		<i>0</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
comp1	5	0.00	0.00	8.47	91.53	0.00	0.00
comp2	5	0.00	0.00	6.78	93.22	0.00	0.00
comp3	5	0.00	0.00	8.47	91.53	0.00	0.00
gp1	2	0.00	8.47	91.53			
gp2	2	0.00	8.47	91.53			
gp3	2	0.00	6.78	93.22			
ind1	4	5.08	0.00	5.08	13.56	76.27	
ind2	4	10.17	0.00	5.08	8.47	76.27	
ind3	4	5.08	0.00	0.00	22.03	72.88	
se1	2	1.69	6.78	91.53			
se2	2	1.69	1.69	96.61			
se3	2	1.69	1.69	96.61			
sk1	4	5.08	0.00	0.00	10.17	84.75	
sk2	4	10.17	0.00	1.69	6.78	81.36	
sk3	4	5.08	0.00	0.00	8.47	86.44	

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