

Appendix E

ITEM-LEVEL CLASSICAL STATISTICS

**Table E-1. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 3**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
268888	MC	0.65	0.45	0
268889	MC	0.76	0.39	0
268892	MC	0.81	0.42	1
272194	MC	0.65	0.40	0
284127	MC	0.89	0.48	0
284131	MC	0.95	0.49	0
284133	MC	0.79	0.51	0
284135	MC	0.86	0.52	1
284136	MC	0.56	0.39	0
284143	MC	0.69	0.34	1
284144	MC	0.64	0.43	0
284979	MC	0.83	0.39	0
284981	MC	0.70	0.32	0
284985	MC	0.80	0.44	1
284987	MC	0.91	0.42	0
284988	MC	0.90	0.46	0
285012	MC	0.92	0.37	0
285015	MC	0.92	0.40	0
285018	MC	0.76	0.37	0
285020	MC	0.85	0.41	0
285021	MC	0.85	0.41	0
285024	MC	0.77	0.47	0
285026	MC	0.79	0.36	0
285027	MC	0.76	0.40	0
285029	MC	0.85	0.44	0
285030	MC	0.93	0.43	0
285032	SR	0.65	0.47	0
286322	MC	0.94	0.39	0
286324	MC	0.92	0.40	0
286326	MC	0.69	0.50	0
286327	MC	0.97	0.29	0
286329	MC	0.87	0.39	0
286332	MC	0.85	0.39	0
286336	MC	0.78	0.40	0
286337	MC	0.85	0.49	1
286340	MC	0.93	0.48	0
286342	MC	0.80	0.35	0
286345	OR	0.55	0.51	0
286605	SR	0.65	0.49	0
287398	SR	0.67	0.55	0
287412	SR	0.59	0.37	0

**Table E-2. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 4**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
261561C	WR	0.79	0.66	0
261561T	WR	0.54	0.63	0
266112	MC	0.86	0.42	1
266138	MC	0.69	0.42	1
266142	MC	0.54	0.30	1
266146	MC	0.65	0.43	1
266225	MC	0.84	0.42	1
277163	MC	0.59	0.29	0
277165	MC	0.81	0.36	1
277169	MC	0.81	0.45	0
277170	MC	0.69	0.35	0
277177	MC	0.88	0.41	1
277181	OR	0.45	0.55	0
285387	MC	0.78	0.29	0
285389	MC	0.78	0.37	0
285393	MC	0.69	0.28	0
285394	MC	0.56	0.30	1
285395	MC	0.92	0.41	0
285398	MC	0.73	0.34	1
285400	MC	0.80	0.33	0
285402	MC	0.90	0.43	0
285405	MC	0.72	0.40	0
285406	MC	0.78	0.40	1
285409	OR	0.40	0.62	0
285446	MC	0.84	0.31	0
285449	MC	0.82	0.38	0
285450	MC	0.84	0.40	0
285453	MC	0.80	0.47	0
285456	MC	0.70	0.44	0
285457	MC	0.87	0.39	0
285460	MC	0.74	0.34	1
285461	MC	0.88	0.39	0
285463	MC	0.93	0.39	0
285467	MC	0.80	0.35	0
285469	OR	0.48	0.51	0
286461	MC	0.76	0.29	0
286463	MC	0.83	0.43	1
286464	MC	0.89	0.37	0
286465	MC	0.78	0.40	0
286469	MC	0.86	0.40	0
286470	MC	0.92	0.35	0
286474	OR	0.59	0.59	0

**Table E-3. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 5**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
258978	MC	0.82	0.38	1
258982	MC	0.90	0.42	1
258987	MC	0.83	0.46	1
258989	MC	0.76	0.49	1
258992	MC	0.73	0.43	1
276368	MC	0.77	0.31	0
276373	MC	0.73	0.48	0
276376	MC	0.80	0.43	0
276378	MC	0.69	0.40	0
276380	MC	0.81	0.47	0
276381	MC	0.69	0.34	0
276383	MC	0.85	0.50	0
276386	MC	0.60	0.27	0
276387	MC	0.74	0.24	0
276388	MC	0.71	0.37	0
276393	OR	0.45	0.57	0
283312	MC	0.87	0.40	0
283314	MC	0.82	0.47	0
283323	MC	0.94	0.39	0
283325	MC	0.70	0.46	0
283327	MC	0.87	0.38	0
283334	MC	0.85	0.52	0
283358	MC	0.66	0.44	0
283363	MC	0.74	0.25	0
283365	MC	0.67	0.40	0
283370	MC	0.55	0.32	1
283382	OR	0.45	0.54	0
284551	MC	0.86	0.46	0
284552	MC	0.80	0.36	0
284554	MC	0.74	0.39	0
284560	MC	0.57	0.31	1
284561	MC	0.87	0.38	0
284586	OR	0.51	0.59	0
286796	MC	0.81	0.30	0
286797	MC	0.76	0.52	0
286799	MC	0.87	0.31	0
286801	MC	0.89	0.30	0
286804	MC	0.66	0.43	0
286806	MC	0.92	0.40	0
286810	OR	0.58	0.47	0

**Table E-4. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 6**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
270566	MC	0.82	0.52	0
270570	MC	0.74	0.34	0
270574	MC	0.73	0.47	0
270577	MC	0.82	0.43	0
270600	OR	0.53	0.64	0
277409	MC	0.76	0.34	1
277411	MC	0.56	0.44	1
277425	MC	0.67	0.31	1
277435	MC	0.67	0.49	1
277441	MC	0.86	0.43	1
285747	MC	0.89	0.42	0
285749	MC	0.74	0.41	0
285751	MC	0.85	0.37	0
285753	MC	0.89	0.36	0
285757	MC	0.67	0.42	0
285759	MC	0.71	0.40	0
285760	MC	0.80	0.48	0
285762	MC	0.73	0.48	0
285764	MC	0.90	0.45	0
285765	MC	0.77	0.50	0
285772	OR	0.58	0.57	0
286370	MC	0.75	0.41	0
286390	MC	0.90	0.47	0
286391	MC	0.65	0.30	0
286393	MC	0.71	0.45	0
286395	MC	0.84	0.41	0
286399	MC	0.86	0.41	0
286401	MC	0.74	0.46	0
286402	MC	0.72	0.38	0
286403	MC	0.64	0.37	0
286404	MC	0.90	0.46	0
286409	OR	0.58	0.60	0
286526	MC	0.82	0.38	0
286528	MC	0.92	0.41	0
286530	MC	0.70	0.40	0
286531	MC	0.95	0.38	0
286535	MC	0.89	0.18	0
286536	MC	0.85	0.35	0
286541	OR	0.63	0.60	0
294315	MC	0.85	0.52	0

**Table E-5. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 7**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
279177	MC	0.76	0.44	0
279180	MC	0.75	0.36	0
279182	MC	0.88	0.40	0
279183	MC	0.92	0.43	0
279184	MC	0.88	0.42	0
279185	MC	0.64	0.37	0
279189	MC	0.78	0.49	0
279193	MC	0.75	0.32	0
279195	MC	0.62	0.34	0
279197	MC	0.75	0.46	0
279198	OR	0.57	0.62	0
281249C	WR	0.85	0.66	0
281249T	WR	0.59	0.62	0
285654	MC	0.86	0.45	0
285655	MC	0.74	0.38	0
285656	MC	0.86	0.51	0
285657	MC	0.74	0.38	0
285658	MC	0.83	0.51	0
285662	MC	0.76	0.47	0
285663	MC	0.77	0.50	0
285664	MC	0.80	0.48	0
285665	MC	0.67	0.44	0
285671	MC	0.63	0.36	0
285675	OR	0.55	0.68	1
285710	MC	0.72	0.31	1
285713	MC	0.75	0.41	1
285718	MC	0.68	0.30	1
285720	MC	0.65	0.33	1
285721	MC	0.90	0.37	2
285893	MC	0.78	0.45	0
285896	MC	0.82	0.34	0
285900	MC	0.80	0.45	0
285901	MC	0.71	0.35	1
285902	MC	0.73	0.35	0
285903	OR	0.53	0.62	0
286495	MC	0.76	0.34	0
286496	MC	0.85	0.31	0
286501	MC	0.94	0.24	0
286503	MC	0.87	0.45	0
286507	MC	0.83	0.32	0
286511	MC	0.93	0.41	0
286515	OR	0.66	0.59	0

**Table E-6. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 8**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
271489	MC	0.76	0.34	0
271490	MC	0.77	0.32	0
271494	MC	0.77	0.43	0
271501	OR	0.62	0.63	1
272833	MC	0.79	0.32	0
276139	MC	0.78	0.49	0
276142	MC	0.90	0.39	0
276148	MC	0.76	0.39	0
276154	MC	0.87	0.44	0
276162	MC	0.72	0.36	0
276171	MC	0.71	0.36	0
276175	OR	0.72	0.59	0
280119	MC	0.58	0.25	1
280123	MC	0.80	0.35	1
280124	MC	0.76	0.48	1
280125	MC	0.81	0.37	1
280128	MC	0.76	0.40	1
283138	MC	0.80	0.39	0
283142	MC	0.65	0.48	0
283149	MC	0.68	0.32	0
283152	MC	0.85	0.39	0
283154	MC	0.93	0.37	0
283157	MC	0.62	0.35	0
283158	MC	0.90	0.39	0
283161	MC	0.72	0.35	0
283164	MC	0.56	0.41	0
283673	MC	0.74	0.35	0
283675	MC	0.87	0.33	0
283677	MC	0.87	0.34	0
283678	MC	0.88	0.37	0
283679	MC	0.86	0.31	0
283680	MC	0.82	0.42	0
283682	MC	0.82	0.35	0
283684	MC	0.66	0.23	0
283691	MC	0.85	0.36	0
283692	MC	0.68	0.33	0
283698	OR	0.65	0.60	0
285914	OR	0.60	0.67	1
287562	MC	0.77	0.39	0
288162	MC	0.82	0.43	0

**Table E-7. 2011 MCAS: Item-Level Classical Test Theory Statistics
ELA – Grade 10**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
259108	MC	0.83	0.34	0
259121	MC	0.81	0.42	0
259131	MC	0.62	0.36	0
259136	MC	0.87	0.49	0
263971	MC	0.81	0.33	0
279596	MC	0.60	0.31	0
279601	MC	0.68	0.41	0
279606	MC	0.75	0.41	0
279607	MC	0.91	0.47	0
279608	MC	0.85	0.42	0
279609	MC	0.81	0.38	0
279617	MC	0.85	0.47	0
279620	MC	0.80	0.48	0
279621	OR	0.67	0.71	1
281754C	WR	0.87	0.67	0
281754T	WR	0.60	0.65	0
284606	MC	0.86	0.39	0
284608	MC	0.91	0.36	0
284613	MC	0.87	0.29	0
284615	MC	0.75	0.26	0
284617	MC	0.69	0.39	0
284618	MC	0.91	0.47	0
284623	MC	0.79	0.46	0
284625	MC	0.85	0.24	0
284635	OR	0.65	0.61	0
285129	MC	0.82	0.21	0
285131	MC	0.80	0.35	0
285133	MC	0.75	0.42	0
285142	MC	0.75	0.35	0
285143	OR	0.60	0.60	0
285190	MC	0.90	0.41	0
285194	MC	0.91	0.41	0
285201	MC	0.76	0.25	0
285204	MC	0.63	0.43	0
285210	MC	0.83	0.36	0
285212	MC	0.93	0.31	0
285217	OR	0.71	0.59	0
286709	MC	0.80	0.25	0
286712	MC	0.89	0.45	0
286717	MC	0.83	0.34	0
286720	MC	0.83	0.47	0
287500	MC	0.96	0.31	0

**Table E-8. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 3**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
203711	MC	0.77	0.51	0
206959	MC	0.83	0.39	1
207018	MC	0.78	0.42	0
207021	MC	0.93	0.34	0
207140	MC	0.87	0.52	0
207767	MC	0.85	0.45	0
207799	MC	0.89	0.33	0
212475	MC	0.82	0.47	1
218497	MC	0.79	0.45	0
227238	MC	0.76	0.47	1
241024	OR	0.70	0.51	0
252908	MC	0.57	0.43	0
252969	SA	0.65	0.26	0
252972	OR	0.79	0.48	0
252976	SA	0.82	0.46	0
253584	MC	0.69	0.53	0
260524	MC	0.73	0.41	0
260526	MC	0.68	0.49	0
261014	SA	0.84	0.31	0
261810	MC	0.87	0.34	2
263123	MC	0.84	0.40	0
264562	MC	0.71	0.45	0
264566	MC	0.87	0.43	0
273038	MC	0.68	0.39	0
273041	SA	0.91	0.28	0
281105	SA	0.49	0.50	0
281209	MC	0.64	0.41	0
281979	MC	0.83	0.53	1
281984	MC	0.43	0.33	0
281998	OR	0.75	0.51	0
282101	MC	0.74	0.17	0
282990	MC	0.67	0.48	0
283007	SA	0.55	0.57	0
283021	OR	0.79	0.56	0
294316	MC	0.71	0.49	0
294317	MC	0.82	0.34	0

**Table E-9. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 4**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
218889	MC	0.88	0.30	0
218906	MC	0.82	0.31	0
218908	MC	0.49	0.49	0
218914	MC	0.85	0.48	1
218934	MC	0.76	0.30	0
218990	MC	0.95	0.36	0
219000	MC	0.65	0.40	0
219072	SA	0.73	0.43	0
221875	MC	0.74	0.27	0
227369	MC	0.87	0.41	0
227390	MC	0.89	0.36	0
227526	MC	0.87	0.40	0
227560	MC	0.80	0.31	0
247474	MC	0.80	0.42	0
247521	MC	0.37	0.50	0
247523	MC	0.74	0.40	0
247528	MC	0.31	0.34	0
250362	MC	0.89	0.43	0
250366	MC	0.92	0.40	0
258201	MC	0.78	0.38	1
258215	SA	0.72	0.56	0
258216	MC	0.53	0.21	0
258237	SA	0.88	0.45	0
258253	OR	0.72	0.64	0
258267	MC	0.59	0.48	0
258277	MC	0.84	0.53	0
258283	OR	0.44	0.55	0
272238	MC	0.87	0.37	0
279761	MC	0.61	0.52	1
279792	SA	0.45	0.50	0
280099	MC	0.41	0.31	0
281506	SA	0.50	0.40	0
281561	MC	0.72	0.46	0
281891	OR	0.67	0.73	0
281896	OR	0.72	0.65	0
294558	MC	0.78	0.45	0
294559	MC	0.85	0.37	0
294560	MC	0.71	0.51	0
294561	MC	0.80	0.32	0
294562	MC	0.66	0.35	0
295242	SA	0.90	0.34	0
295244	MC	0.78	0.48	0

**Table E-10. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 5**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
204737	MC	0.91	0.43	0
204888	MC	0.74	0.49	0
204924	SA	0.64	0.48	0
207077	MC	0.53	0.46	0
217389	MC	0.88	0.42	0
217411	SA	0.57	0.45	0
221154	MC	0.74	0.49	1
248737	MC	0.64	0.40	0
248885	MC	0.47	0.44	0
248892	MC	0.86	0.33	0
248905	MC	0.46	0.41	0
249171	OR	0.82	0.55	0
260824	MC	0.56	0.31	0
261223	MC	0.60	0.40	0
261579	MC	0.75	0.44	0
261584	MC	0.80	0.47	0
261589	MC	0.66	0.49	0
261596	SA	0.79	0.45	0
264511	MC	0.50	0.28	0
272772	MC	0.90	0.36	0
272777	MC	0.79	0.53	0
272898	MC	0.73	0.35	1
272899	OR	0.68	0.68	0
273032	OR	0.64	0.66	0
273793	MC	0.70	0.48	0
273795	MC	0.87	0.37	0
280473	MC	0.89	0.30	0
280479	MC	0.82	0.47	0
280486	MC	0.88	0.43	0
280490	MC	0.90	0.39	0
280491	MC	0.69	0.47	1
280503	SA	0.50	0.57	0
280505	MC	0.59	0.32	0
280510	MC	0.90	0.37	0
280511	OR	0.51	0.66	0
280695	MC	0.92	0.32	0
280730	MC	0.65	0.31	0
280746	SA	0.64	0.44	0
280828	SA	0.57	0.55	0
280988	MC	0.79	0.42	0
280990	MC	0.70	0.48	0
294280	MC	0.66	0.50	0

**Table E-11. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 6**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
217484	MC	0.83	0.31	0
217513	MC	0.88	0.48	0
217529	MC	0.87	0.41	0
221656	MC	0.87	0.50	0
222248	MC	0.52	0.40	0
229883	MC	0.66	0.50	0
229931	MC	0.87	0.41	0
251311	MC	0.52	0.43	0
251331	MC	0.45	0.41	1
251342	MC	0.73	0.52	0
251397	MC	0.68	0.51	0
251435	MC	0.79	0.51	0
251462	MC	0.70	0.49	0
251471	MC	0.72	0.30	0
264283	MC	0.90	0.26	0
265893	MC	0.66	0.40	0
265899	SA	0.75	0.52	0
266101	MC	0.64	0.21	0
272176	MC	0.57	0.48	0
272182	MC	0.57	0.50	0
272190	OR	0.76	0.63	0
272287	MC	0.92	0.35	0
272298	MC	0.61	0.28	0
272361	MC	0.86	0.50	0
273821	MC	0.81	0.40	0
273822	MC	0.64	0.39	0
282122	MC	0.84	0.38	0
282123	MC	0.74	0.61	0
282131	MC	0.56	0.53	0
282142	MC	0.69	0.51	0
282161	SA	0.66	0.54	0
282162	SA	0.75	0.29	0
282163	OR	0.78	0.67	0
282252	SA	0.65	0.32	0
282264	MC	0.78	0.44	0
282271	MC	0.70	0.49	0
282350	SA	0.47	0.51	1
282474	OR	0.52	0.71	0
282484	MC	0.85	0.46	0
282487	SA	0.41	0.43	0
282490	OR	0.64	0.62	0
294336	MC	0.54	0.42	1

**Table E-12. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 7**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
205475	MC	0.58	0.45	0
205549	MC	0.82	0.46	1
205711	OR	0.69	0.72	1
208369	MC	0.65	0.33	0
208688	MC	0.91	0.35	0
208792	SA	0.65	0.54	0
219417	MC	0.52	0.51	1
219445	MC	0.46	0.45	1
219454	MC	0.88	0.44	0
219485	MC	0.58	0.51	0
219518	MC	0.69	0.40	0
228013	MC	0.66	0.54	0
228026	MC	0.89	0.31	0
235452	MC	0.84	0.35	0
249141	MC	0.65	0.43	0
250204	MC	0.69	0.43	0
250207	SA	0.65	0.50	0
250225	MC	0.64	0.39	0
250248	MC	0.90	0.41	0
250531	MC	0.71	0.40	0
250856	MC	0.53	0.40	0
259275	MC	0.64	0.37	0
259286	SA	0.74	0.41	0
259301	OR	0.68	0.72	0
260253	MC	0.82	0.37	0
261096	MC	0.60	0.44	0
261650	MC	0.74	0.38	0
262270	MC	0.67	0.47	0
272139	MC	0.60	0.49	0
272150	MC	0.80	0.37	0
272451	MC	0.74	0.41	0
272713	MC	0.83	0.44	0
272758	OR	0.54	0.73	1
281674	MC	0.78	0.29	0
281698	MC	0.70	0.35	0
281970	MC	0.79	0.45	0
282288	SA	0.58	0.54	1
282289	OR	0.67	0.71	1
282322	SA	0.79	0.51	0
282957	MC	0.51	0.55	0
287941	SA	0.84	0.48	0
294314	MC	0.70	0.39	0

**Table E-13. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 8**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
219567	MC	0.69	0.43	0
219587	MC	0.76	0.46	0
219602	MC	0.81	0.38	0
219622	MC	0.64	0.61	0
219633	MC	0.79	0.53	0
219690	SA	0.50	0.48	2
219697	SA	0.77	0.49	1
228548	SA	0.80	0.35	0
229526	MC	0.74	0.52	0
229595	MC	0.82	0.41	0
239639	OR	0.52	0.73	1
252991	MC	0.64	0.27	1
252998	MC	0.74	0.42	0
253702	MC	0.71	0.47	0
253818	MC	0.70	0.33	0
253853	MC	0.72	0.48	0
253872	MC	0.66	0.50	0
253878	MC	0.50	0.38	0
264713	OR	0.61	0.72	0
264729	MC	0.83	0.42	0
264747	OR	0.57	0.72	1
265342	MC	0.72	0.40	0
265596	MC	0.57	0.49	1
265963	SA	0.68	0.49	0
265967	OR	0.67	0.73	1
272940	MC	0.70	0.23	0
273658	MC	0.69	0.47	1
273661	MC	0.55	0.54	0
273662	MC	0.87	0.45	0
273668	MC	0.72	0.63	0
275267	MC	0.81	0.56	0
276337	MC	0.73	0.32	0
276361	MC	0.86	0.33	0
276363	MC	0.61	0.58	0
283254	MC	0.80	0.44	0
283287	SA	0.72	0.52	1
284201	MC	0.64	0.57	0
284918	SA	0.62	0.56	1
288137	MC	0.70	0.37	0
294565	MC	0.69	0.44	0
294566	MC	0.62	0.37	0
295145	MC	0.82	0.50	0

**Table E-14. 2011 MCAS: Item-Level Classical Test Theory Statistics
Mathematics – Grade 10**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
250946	MC	0.40	0.23	0
251056	SA	0.68	0.41	2
253199	MC	0.63	0.47	0
254660	SA	0.48	0.47	2
260192	MC	0.65	0.32	0
260872	MC	0.62	0.48	1
260880	MC	0.51	0.47	0
261524	MC	0.57	0.43	0
261529	MC	0.60	0.49	0
268443	OR	0.74	0.75	1
272961	MC	0.53	0.39	0
273628	SA	0.86	0.33	1
273806	MC	0.60	0.30	0
274038	MC	0.89	0.49	0
274473	MC	0.89	0.30	0
279254	MC	0.52	0.24	0
279260	SA	0.57	0.48	0
279833	OR	0.67	0.74	3
281517	MC	0.80	0.54	0
281523	MC	0.52	0.44	0
281526	MC	0.90	0.42	0
281528	MC	0.56	0.45	0
281567	MC	0.50	0.37	0
281575	MC	0.55	0.46	0
281594	MC	0.50	0.17	0
281597	MC	0.84	0.46	0
281643	MC	0.85	0.37	0
281654	MC	0.49	0.33	0
281662	MC	0.80	0.38	0
281710	MC	0.89	0.40	0
281720	MC	0.86	0.45	0
282075	MC	0.62	0.27	0
282081	MC	0.88	0.45	0
282091	MC	0.75	0.49	0
282111	MC	0.76	0.36	0
282137	MC	0.85	0.43	0
282151	MC	0.81	0.35	0
282175	MC	0.72	0.36	0
285493	OR	0.57	0.73	3
285593	OR	0.43	0.61	1
285609	OR	0.60	0.69	1
286243	OR	0.56	0.68	1

**Table E-15. 2011 MCAS: Item-Level Classical Test Theory Statistics
STE – Grade 5**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
229099	MC	0.47	0.33	0
229126	MC	0.75	0.47	0
229145	MC	0.81	0.45	0
245445	MC	0.71	0.40	0
245463	MC	0.92	0.33	0
245494	MC	0.89	0.37	0
245497	MC	0.59	0.38	0
264800	MC	0.75	0.34	0
264815	MC	0.39	0.33	0
264842	MC	0.77	0.45	0
264847	MC	0.93	0.31	0
264859	MC	0.56	0.42	0
264864	MC	0.69	0.30	0
264869	MC	0.71	0.39	0
273698	OR	0.44	0.52	0
273733	MC	0.44	0.39	0
273747	MC	0.91	0.30	0
273757	MC	0.87	0.34	0
273762	MC	0.58	0.46	0
281791	MC	0.63	0.35	1
281805	MC	0.79	0.34	0
281810	MC	0.66	0.46	0
281813	MC	0.47	0.33	0
281826	MC	0.81	0.30	0
281842	MC	0.85	0.44	0
281853	MC	0.75	0.47	0
281869	MC	0.87	0.42	0
281876	OR	0.60	0.52	0
288146	MC	0.91	0.36	0
288147	MC	0.86	0.37	0
288158	MC	0.71	0.40	0
288160	MC	0.84	0.36	0
288161	MC	0.64	0.35	0
288167	MC	0.84	0.25	0
288169	OR	0.63	0.61	0
288172	MC	0.81	0.36	0
288173	OR	0.54	0.62	0
288182	MC	0.63	0.46	0
288183	MC	0.46	0.32	0
288206	MC	0.84	0.26	0
288215	MC	0.81	0.38	0
288217	MC	0.50	0.22	0

**Table E-16. 2011 MCAS: Item-Level Classical Test Theory Statistics
STE – Grade 8**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
229447	MC	0.53	0.47	0
229450	MC	0.94	0.21	0
229469	MC	0.53	0.20	0
246286	MC	0.67	0.40	0
246340	MC	0.72	0.40	0
246348	MC	0.83	0.45	0
252715	OR	0.50	0.67	1
265218	MC	0.65	0.31	0
265231	OR	0.46	0.55	1
265243	MC	0.89	0.43	0
265259	MC	0.61	0.32	0
265268	MC	0.63	0.47	0
265279	MC	0.47	0.30	0
265287	MC	0.67	0.24	0
265293	MC	0.77	0.35	0
273887	OR	0.52	0.61	1
273930	MC	0.91	0.23	0
273945	MC	0.87	0.45	0
273952	MC	0.83	0.35	0
273966	MC	0.71	0.28	0
273969	MC	0.77	0.35	0
273972	MC	0.62	0.45	0
273980	MC	0.77	0.45	0
273982	MC	0.26	0.29	0
274013	MC	0.81	0.38	0
274027	MC	0.77	0.37	0
274028	MC	0.79	0.47	0
281084	OR	0.39	0.50	1
281937	MC	0.73	0.41	0
281950	MC	0.71	0.37	0
281953	MC	0.62	0.43	0
281955	MC	0.67	0.34	0
281975	MC	0.70	0.40	0
282003	MC	0.86	0.45	0
282006	MC	0.43	0.21	0
282016	MC	0.58	0.24	0
282031	MC	0.95	0.32	0
282036	MC	0.59	0.47	0
282045	MC	0.80	0.22	0
282057	MC	0.54	0.43	0
282068	MC	0.77	0.30	0
288335	MC	0.60	0.33	0

**Table E-17. 2011 MCAS: Item-Level Classical Test Theory Statistics
High School Biology**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
208074	MC	0.72	0.29	0
208142	MC	0.72	0.50	0
208201	MC	0.49	0.42	0
213735	MC	0.79	0.53	0
229323	MC	0.60	0.41	0
230229	MC	0.79	0.43	0
230357	MC	0.79	0.41	0
234716	MC	0.68	0.39	0
242854	OR	0.53	0.64	1
243371	MC	0.94	0.28	0
260940	MC	0.70	0.45	0
260954	MC	0.61	0.45	0
261219	MC	0.79	0.43	0
261231	MC	0.58	0.40	0
264686	MC	0.71	0.44	0
264690	MC	0.79	0.50	0
264697	OR	0.59	0.63	1
266315	MC	0.59	0.45	0
266390	MC	0.90	0.36	0
266424	MC	0.58	0.43	0
267514	MC	0.81	0.43	0
268466	OR	0.50	0.64	1
272917	MC	0.62	0.16	0
272919	MC	0.79	0.27	0
273489	MC	0.82	0.45	0
273493	MC	0.69	0.43	0
273497	MC	0.78	0.35	0
275589	MC	0.62	0.49	0
275643	MC	0.67	0.36	0
276497	MC	0.76	0.44	0
276550	MC	0.68	0.51	0
276775	MC	0.78	0.45	0
276777	MC	0.67	0.42	0
276786	MC	0.80	0.41	0
276841	OR	0.49	0.64	2
281146	MC	0.74	0.37	0
281151	MC	0.42	0.28	0
281175	MC	0.87	0.45	0
283031	MC	0.87	0.36	0
283072	MC	0.77	0.42	0
283073	MC	0.75	0.45	0
283116	MC	0.84	0.37	0
283135	MC	0.74	0.44	0
283225	MC	0.58	0.33	0
285885	OR	0.44	0.72	3

**Table E-18. 2011 MCAS: Item-Level Classical Test Theory Statistics
High School Chemistry**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
206662	MC	0.82	0.46	0
206748	MC	0.67	0.44	0
208220	MC	0.64	0.30	0
208270	MC	0.66	0.60	0
216945	MC	0.79	0.49	0
216965	MC	0.47	0.42	0
226985	MC	0.58	0.57	0
229666	MC	0.64	0.43	0
230569	MC	0.74	0.38	0
244759	MC	0.92	0.43	0
244939	MC	0.58	0.37	0
246709	MC	0.57	0.37	0
254842	OR	0.63	0.68	2
258938	MC	0.65	0.34	0
258941	MC	0.58	0.49	0
258958	MC	0.52	0.33	0
260755	MC	0.63	0.38	0
260763	MC	0.72	0.54	0
260766	MC	0.77	0.48	0
260899	MC	0.84	0.46	0
260922	MC	0.65	0.44	0
261073	MC	0.56	0.44	1
261077	MC	0.74	0.31	0
261087	MC	0.51	0.45	0
261463	MC	0.81	0.48	0
263581	MC	0.63	0.32	0
264312	MC	0.82	0.33	0
264323	MC	0.74	0.48	0
273000	MC	0.67	0.39	0
273001	MC	0.87	0.34	0
273022	OR	0.42	0.73	2
273069	OR	0.55	0.67	5
273213	MC	0.68	0.21	0
274060	MC	0.62	0.34	0
275853	MC	0.58	0.35	0
275864	MC	0.82	0.42	0
275868	MC	0.40	0.30	0
280892	MC	0.72	0.31	0
280905	MC	0.58	0.37	0
281112	OR	0.58	0.71	4
281258	OR	0.38	0.65	3
281311	MC	0.60	0.27	0
281918	MC	0.61	0.41	0
287955	MC	0.46	0.36	0
287968	MC	0.81	0.30	0

**Table E-19. 2011 MCAS: Item-Level Classical Test Theory Statistics
High School Introductory Physics**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
206567	MC	0.57	0.39	0
206596	MC	0.80	0.41	0
207945	MC	0.73	0.44	0
208378	MC	0.87	0.30	0
208492	MC	0.55	0.47	0
235311	MC	0.87	0.39	0
235465	OR	0.34	0.57	3
241710	MC	0.65	0.22	0
253604	MC	0.64	0.43	0
258364	MC	0.79	0.42	0
261114	MC	0.62	0.37	0
261126	MC	0.81	0.29	0
261147	MC	0.74	0.36	0
264350	MC	0.47	0.34	0
272656	MC	0.60	0.52	0
272658	MC	0.61	0.27	0
272735	MC	0.69	0.52	0
272800	MC	0.64	0.33	0
272812	MC	0.60	0.45	0
280438	MC	0.73	0.26	0
280446	MC	0.71	0.43	0
280450	MC	0.76	0.47	0
280452	MC	0.61	0.34	0
280458	MC	0.68	0.42	0
280462	MC	0.63	0.32	0
280471	MC	0.62	0.42	1
280762	MC	0.84	0.30	0
280793	MC	0.49	0.34	0
280808	MC	0.53	0.21	0
280851	MC	0.60	0.34	0
280858	MC	0.65	0.17	0
280869	MC	0.80	0.36	0
280878	MC	0.68	0.24	0
280881	OR	0.52	0.74	3
280932	OR	0.52	0.72	2
280949	MC	0.70	0.42	0
280958	MC	0.77	0.40	0
281908	OR	0.45	0.77	5
285644	MC	0.49	0.43	0
285648	MC	0.80	0.51	0
285649	OR	0.38	0.73	3
288367	MC	0.69	0.48	0
288369	MC	0.56	0.49	0
288373	MC	0.76	0.23	0
288377	MC	0.62	0.40	0

**Table E-20. 2011 MCAS: Item-Level Classical Test Theory Statistics
High School Technology/Engineering**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>	<i>Percent Omitted</i>
<i>Number</i>	<i>Type</i>			
206607	MC	0.56	0.31	0
206609	MC	0.82	0.39	0
206613	MC	0.63	0.25	0
208956	MC	0.93	0.28	0
209220	MC	0.48	0.32	0
221742	MC	0.68	0.33	0
221998	MC	0.51	0.26	0
248687	OR	0.38	0.60	3
251729	MC	0.84	0.27	0
260805	MC	0.54	0.25	0
260808	MC	0.62	0.28	0
260810	MC	0.71	0.29	0
265041	MC	0.68	0.25	0
265063	MC	0.74	0.42	0
265067	MC	0.59	0.34	0
265079	MC	0.73	0.34	0
265082	OR	0.56	0.45	1
267220	MC	0.74	0.48	0
271568	MC	0.77	0.54	0
271578	MC	0.89	0.35	0
271584	MC	0.53	0.34	0
271591	MC	0.60	0.30	0
273097	MC	0.38	0.39	0
273098	MC	0.68	0.37	0
273124	OR	0.40	0.60	2
273149	MC	0.57	0.43	0
273158	MC	0.57	0.27	0
274561	MC	0.79	0.45	0
274581	MC	0.54	0.34	1
274633	OR	0.57	0.60	1
274646	MC	0.62	0.36	0
274648	MC	0.56	0.18	0
274650	MC	0.78	0.27	0
274660	OR	0.46	0.66	2
275784	MC	0.61	0.46	0
281110	MC	0.67	0.47	0
281378	MC	0.42	0.22	0
281381	MC	0.63	0.41	0
281399	MC	0.46	0.49	0
281411	MC	0.59	0.27	0
281433	MC	0.53	0.25	0
281441	MC	0.66	0.31	0
281458	MC	0.82	0.32	0
281462	MC	0.71	0.40	0
288402	MC	0.87	0.39	0

**Table E-21. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
ELA**

Grade	Item		Difficulty	Discrimination
	Number	Type		
3	comp1	OR	0.59	0.52
	comp2	OR	0.59	0.56
	comp3	OR		
	ind1	OR	0.98	0.61
	ind2	OR	0.97	0.66
	ind3	OR		
	sk1	OR	0.98	0.70
	sk2	OR	0.98	0.70
	sk3	OR		
4	comp1	OR	0.60	0.37
	comp2	OR	0.59	0.37
	comp3	OR	0.60	0.38
	ind1	OR	0.98	0.47
	ind2	OR	0.97	0.47
	ind3	OR	0.96	0.46
	sk1	OR	0.98	0.48
	sk2	OR	0.98	0.45
	sk3	OR	0.97	0.50
5	comp1	OR	0.59	0.62
	comp2	OR	0.59	0.64
	ind1	OR	0.97	0.70
	ind2	OR	0.97	0.68
	sk1	OR	0.98	0.66
	sk2	OR	0.98	0.64
6	comp1	OR	0.59	0.52
	comp2	OR	0.59	0.56
	ind1	OR	0.97	0.70
	ind2	OR	0.97	0.75
	sk1	OR	0.98	0.62
	sk2	OR	0.98	0.65
7	comp1	OR	0.60	0.32
	comp2	OR	0.59	0.30
	comp3	OR	0.60	0.32
	ind1	OR	0.97	0.49
	ind2	OR	0.97	0.50
	ind3	OR	0.96	0.50
	sk1	OR	0.98	0.35
	sk2	OR	0.98	0.34
	sk3	OR	0.98	0.35
8	comp1	OR	0.60	0.53
	comp2	OR	0.59	0.54
	comp3	OR		
	ind1	OR	0.97	0.72
	ind2	OR	0.97	0.69
	sk1	OR	0.98	0.58

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
8	sk2	OR	0.98	0.65
	sk3	OR		
HS	comp1	OR	0.60	0.30
	comp2	OR	0.59	0.28
	comp3	OR	0.60	0.28
	ind1	OR	0.96	0.44
	ind2	OR	0.95	0.44
	ind3	OR	0.95	0.43
	sk1	OR	0.97	0.31
	sk2	OR	0.97	0.31
	sk3	OR	0.97	0.34

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E-22. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
Mathematics**

Grade	Item		Difficulty	Discrimination	
	Number	Type			
3	comp1	OR	0.59	0.57	
	comp2	OR	0.59	0.58	
	comp3	OR			
	comp4	OR			
	ind1	OR	0.97	0.68	
	ind2	OR	0.97	0.65	
	ind3	OR			
	ind4	OR			
	sk1	OR	0.97	0.67	
	sk2	OR	0.97	0.65	
	sk3	OR			
	sk4	OR			
	4	comp1	OR	0.60	0.56
		comp2	OR		
comp3		OR			
comp5		OR	0.60	0.56	
ind1		OR	0.97	0.68	
ind2		OR			
ind3		OR			
ind5		OR	0.97	0.69	
sk1		OR	0.97	0.63	
sk2		OR			
sk3	OR				
sk5	OR	0.98	0.56		
5	comp1	OR	0.60	0.64	
	comp2	OR			
	comp4	OR	0.60	0.66	
	ind1	OR	0.97	0.70	
	ind2	OR			

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
5	ind4	OR	0.97	0.74
	sk1	OR	0.98	0.60
	sk2	OR		
	sk4	OR	0.98	0.68
6	comp1	OR	0.60	0.62
	comp2	OR	0.60	0.61
	comp4	OR		
	ind1	OR	0.97	0.69
	ind2	OR	0.97	0.70
	ind4	OR		
	sk1	OR	0.98	0.61
	sk2	OR	0.98	0.62
	sk4	OR		
7	comp1	OR	0.60	0.46
	comp2	OR		
	comp5	OR	0.60	0.49
	ind1	OR	0.97	0.72
	ind2	OR		
	ind5	OR	0.97	0.75
	sk1	OR	0.98	0.65
	sk2	OR		
	sk5	OR	0.98	0.59
8	comp1	OR	0.60	0.55
	comp2	OR		
	comp3	OR	0.60	0.56
	comp4	OR		
	comp5	OR		
	ind1	OR	0.96	0.76
	ind2	OR		
	ind3	OR	0.97	0.71
	ind4	OR		
	ind5	OR		
	sk1	OR	0.98	0.65
	sk2	OR		
sk3	OR	0.98	0.72	
sk4	OR			
sk5	OR			
HS	comp1	OR	0.60	0.21
	comp2	OR	0.60	0.26
	comp3	OR	0.60	0.33
	comp4	OR	0.60	0.34
	comp5	OR	0.60	0.29
	ind1	OR	0.96	0.30
	ind2	OR	0.95	0.41
	ind3	OR	0.96	0.43
	ind4	OR	0.96	0.41
	ind5	OR	0.97	0.50
	sk1	OR	0.97	0.23

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
HS	sk2	OR	0.96	0.20
	sk3	OR	0.96	0.30
	sk4	OR	0.96	0.41
	sk5	OR	0.97	0.34

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E-23. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
STE**

Grade	Item		Difficulty	Discrimination
	Number	Type		
5	comp1	OR	0.59	0.39
	comp2	OR	0.59	0.32
	comp3	OR	0.59	0.37
	comp4	OR	0.59	0.46
	ind1	OR	0.97	0.45
	ind2	OR	0.97	0.45
	ind3	OR	0.97	0.46
	ind4	OR	0.97	0.47
	sk1	OR	0.98	0.44
	sk2	OR	0.99	0.37
	sk3	OR	0.99	0.38
	sk4	OR	0.98	0.42
8	comp1	OR	0.60	0.36
	comp2	OR	0.59	0.34
	comp3	OR	0.59	0.41
	comp4	OR	0.59	0.35
	ind1	OR	0.96	0.53
	ind2	OR	0.97	0.57
	ind3	OR	0.97	0.55
	ind4	OR	0.96	0.51
	sk1	OR	0.98	0.46
	sk2	OR	0.98	0.52
	sk3	OR	0.98	0.54
	sk4	OR	0.98	0.52

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E-24. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
High School Biology**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>
<i>Number</i>	<i>Type</i>		
comp1	OR	0.60	0.19
comp2	OR	0.60	0.19
comp3	OR	0.60	0.19
ind1	OR	0.96	0.42
ind2	OR	0.96	0.49
ind3	OR	0.96	0.40
sk1	OR	0.97	0.32
sk2	OR	0.96	0.33
sk3	OR	0.96	0.37

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E-25. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
High School Chemistry**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>
<i>Number</i>	<i>Type</i>		
comp1	OR	0.59	0.25
comp2	OR	0.59	0.49
comp3	OR	0.59	0.49
ind1	OR	0.97	0.60
ind2	OR	0.98	0.57
ind3	OR	0.98	0.48
sk1	OR	0.94	0.65
sk2	OR	0.95	0.67
sk3	OR	0.93	0.53

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E26. 2011 MCAS-Alt: Item-level Classical Test Theory Statistics
High School Introductory Physics**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>
<i>Number</i>	<i>Type</i>		
comp1	OR	0.60	0.60
comp2	OR	0.60	0.51
comp3	OR	0.60	0.51
ind1	OR	0.94	0.68
ind2	OR	0.96	0.60
ind3	OR	0.97	0.49
sk1	OR	0.96	0.34
sk2	OR	0.97	0.38
sk3	OR	0.97	0.43

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts

**Table E-26. 2011 MCAS-Alt: Item-Level Classical Test Theory Statistics
High School Technology/Engineering**

<i>Item</i>		<i>Difficulty</i>	<i>Discrimination</i>
<i>Number</i>	<i>Type</i>		
comp1	OR	0.58	0.31
comp2	OR	0.59	0.22
comp3	OR	0.58	0.27
ind1	OR	0.94	0.37
ind2	OR	0.95	0.45
ind3	OR	0.94	0.46
sk1	OR	0.97	0.35
sk2	OR	0.97	0.42
sk3	OR	0.98	0.26

COMP=level of complexity; IND=independence;
SK=demonstration of skills and concepts