

APPENDIX E

ITEM-LEVEL CLASSICAL STATISTICS

**Table E-1. 2014 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>			
292613	MC	0.90	0.42	0
292615	MC	0.67	0.32	0
292617	MC	0.90	0.38	1
292621	MC	0.90	0.43	0
292624	MC	0.76	0.45	1
292665	MC	0.70	0.42	0
292666	MC	0.83	0.44	0
292668	MC	0.80	0.53	0
292669	MC	0.94	0.32	0
292672	MC	0.63	0.44	0
292674	MC	0.76	0.32	0
292677	MC	0.77	0.41	0
292680	MC	0.82	0.49	0
292685	MC	0.81	0.35	0
292686	MC	0.73	0.40	0
292692	OR	0.54	0.48	0
292725	MC	0.67	0.38	0
292726	MC	0.87	0.20	0
292729	MC	0.68	0.39	0
292734	MC	0.64	0.47	1
292736	MC	0.71	0.50	1
294033	SR	0.65	0.39	1
297068	MC	0.94	0.41	0
297071	MC	0.91	0.33	0
297073	MC	0.71	0.35	0
297074	MC	0.88	0.52	0
297079	MC	0.91	0.47	0
297082	MC	0.81	0.46	0
297083	MC	0.89	0.46	0
297085	MC	0.72	0.41	1
297086	MC	0.90	0.36	0
297087	MC	0.82	0.44	0
297091	SR	0.73	0.47	0
297092	SR	0.54	0.46	0
301532	MC	0.85	0.44	0
301534	MC	0.80	0.46	0
301535	MC	0.83	0.43	0
301537	MC	0.93	0.47	1
301540	MC	0.66	0.36	0
301544	MC	0.78	0.54	0
301546	SR	0.52	0.50	0

**Table E-2. 2014 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>			
287980C	WR	0.79	0.69	
287980T	WR	0.57	0.66	
291154	MC	0.88	0.51	1
291155	MC	0.76	0.49	1
291156	MC	0.76	0.39	1
291163	MC	0.73	0.48	1
291167	MC	0.88	0.47	1
291174	OR	0.52	0.68	1
298587	MC	0.66	0.39	0
298591	MC	0.92	0.38	0
298593	MC	0.75	0.31	0
298594	MC	0.89	0.42	0
298595	MC	0.84	0.39	0
298598	MC	0.91	0.41	1
298601	OR	0.48	0.49	0
298673	MC	0.84	0.38	0
298675	MC	0.56	0.27	0
298678	MC	0.86	0.40	0
298680	MC	0.78	0.41	0
298681	MC	0.74	0.52	0
298684	MC	0.78	0.38	0
298688	MC	0.58	0.35	0
298689	MC	0.86	0.39	0
298690	MC	0.68	0.30	0
298700	OR	0.52	0.60	0
298701	MC	0.77	0.34	1
302587	MC	0.77	0.31	0
302588	MC	0.77	0.42	0
302590	MC	0.87	0.39	0
302594	MC	0.91	0.49	1
302596	MC	0.89	0.46	0
302600	MC	0.88	0.43	0
302602	MC	0.87	0.40	1
302603	MC	0.69	0.38	1
302606	MC	0.82	0.40	1
302608	MC	0.88	0.46	1
302610	OR	0.40	0.62	0
302825	MC	0.83	0.40	1
302826	MC	0.78	0.49	1
302831	MC	0.81	0.40	1
302833	MC	0.71	0.40	2
302836	MC	0.84	0.36	1

**Table E-3. 2014 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>			
283312	MC	0.88	0.40	0
283314	MC	0.84	0.46	0
283323	MC	0.94	0.37	0
283325	MC	0.71	0.47	0
283327	MC	0.85	0.37	0
283334	MC	0.86	0.50	0
283358	MC	0.69	0.44	0
283363	MC	0.73	0.26	0
283365	MC	0.68	0.41	0
283370	MC	0.62	0.34	1
283382	OR	0.46	0.56	0
283505	MC	0.64	0.32	0
283507	MC	0.88	0.39	0
283508	MC	0.61	0.39	0
283509	MC	0.63	0.39	1
283510	MC	0.67	0.37	1
283516	OR	0.48	0.61	1
286685	MC	0.85	0.42	0
286686	MC	0.82	0.36	0
286687	MC	0.86	0.40	0
286689	MC	0.63	0.42	0
286692	MC	0.75	0.38	0
286694	MC	0.60	0.35	0
286695	MC	0.69	0.39	0
286697	MC	0.84	0.44	0
286700	MC	0.85	0.35	0
286701	MC	0.79	0.39	0
286706	OR	0.51	0.57	0
292545	MC	0.52	0.21	1
292548	MC	0.63	0.39	1
292552	MC	0.52	0.25	1
292553	MC	0.80	0.41	1
292558	MC	0.62	0.42	1
302374	MC	0.60	0.41	0
302376	MC	0.85	0.27	0
302377	MC	0.80	0.42	0
302382	MC	0.87	0.38	0
302385	MC	0.79	0.36	0
302386	MC	0.52	0.39	0
302388	OR	0.57	0.55	0

**Table E-4. 2014 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>			
266494	MC	0.62	0.43	1
266498	MC	0.64	0.43	1
266509	MC	0.73	0.43	1
266510	MC	0.75	0.46	1
266527	MC	0.66	0.35	1
297943	MC	0.78	0.25	0
297944	MC	0.81	0.39	0
297947	MC	0.67	0.31	0
297948	MC	0.78	0.40	0
297950	MC	0.97	0.27	0
297954	OR	0.63	0.52	0
302777	MC	0.68	0.50	0
302779	MC	0.73	0.42	0
302782	MC	0.73	0.41	0
302785	MC	0.72	0.37	1
302786	MC	0.72	0.38	0
302788	MC	0.78	0.48	1
302790	OR	0.39	0.66	1
303175	MC	0.78	0.44	0
303178	MC	0.89	0.45	0
303181	MC	0.88	0.47	0
303184	MC	0.56	0.43	0
303186	MC	0.87	0.39	0
303187	MC	0.91	0.45	0
303189	MC	0.82	0.45	0
303193	MC	0.74	0.43	0
303194	MC	0.70	0.34	0
303196	MC	0.48	0.29	0
303199	OR	0.61	0.57	0
303465	MC	0.56	0.34	0
303466	MC	0.90	0.35	0
303471	MC	0.85	0.47	0
303472	MC	0.62	0.47	0
303474	MC	0.87	0.38	0
303478	MC	0.85	0.46	0
303480	MC	0.78	0.42	0
303481	MC	0.74	0.51	0
303485	MC	0.82	0.24	0
303486	MC	0.72	0.40	1
303489	OR	0.56	0.65	0

**Table E-5. 2014 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>			
279985	MC	0.74	0.34	0
279991	MC	0.79	0.32	0
280002	MC	0.69	0.39	0
280007	MC	0.86	0.43	0
280008	MC	0.86	0.38	0
280012	MC	0.72	0.42	0
280082	MC	0.80	0.44	0
280083	MC	0.76	0.39	0
280087	MC	0.82	0.41	0
280092	OR	0.67	0.57	0
285617	MC	0.85	0.46	0
285618	MC	0.83	0.46	0
285619	MC	0.93	0.42	0
285624	MC	0.82	0.49	0
285630	MC	0.87	0.51	0
285633	OR	0.62	0.69	0
285654	MC	0.86	0.45	0
285655	MC	0.74	0.37	0
285656	MC	0.85	0.52	0
285657	MC	0.74	0.39	0
285658	MC	0.83	0.52	0
285662	MC	0.75	0.48	0
285663	MC	0.75	0.49	0
285664	MC	0.79	0.47	0
285665	MC	0.69	0.45	0
285671	MC	0.61	0.33	0
285675	OR	0.57	0.71	1
297219	MC	0.85	0.37	1
297224	MC	0.85	0.46	1
297228	MC	0.55	0.37	1
297231	MC	0.83	0.52	1
297233	MC	0.78	0.37	1
297238	MC	0.70	0.38	1
304135	MC	0.87	0.34	0
304138	MC	0.93	0.33	0
304139	MC	0.78	0.45	0
304140	MC	0.61	0.38	0
304141	MC	0.89	0.43	0
304143	MC	0.77	0.41	0
304146	OR	0.56	0.52	0
305031C	WR	0.85	0.68	
305031T	WR	0.58	0.66	

**Table E-6. 2014 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>			
271604	MC	0.83	0.51	0
271606	MC	0.71	0.50	0
271609	MC	0.66	0.40	0
271610	MC	0.78	0.46	0
271611	MC	0.82	0.41	0
271618	MC	0.76	0.43	0
271621	OR	0.66	0.63	0
286118	MC	0.68	0.31	1
286146	MC	0.74	0.47	1
286151	MC	0.76	0.43	1
286153	MC	0.91	0.42	1
286158	MC	0.67	0.37	1
286159	MC	0.81	0.51	1
291453	MC	0.89	0.43	0
291455	MC	0.90	0.50	0
291462	MC	0.55	0.31	0
291463	OR	0.62	0.65	1
294184	MC	0.86	0.49	0
302289	MC	0.91	0.42	0
302290	MC	0.85	0.38	0
302292	MC	0.77	0.42	0
302294	MC	0.75	0.36	0
302295	MC	0.89	0.45	0
302296	MC	0.74	0.30	0
302300	MC	0.68	0.32	0
302302	MC	0.83	0.47	0
302305	MC	0.63	0.32	0
302310	MC	0.62	0.29	0
302312	OR	0.60	0.62	0
303829	MC	0.90	0.43	0
303832	MC	0.81	0.48	0
303833	MC	0.70	0.48	0
303848	MC	0.82	0.45	0
303849	MC	0.86	0.32	0
303852	MC	0.66	0.50	0
303855	MC	0.73	0.37	0
303860	MC	0.68	0.40	0
303863	MC	0.59	0.43	0
303864	MC	0.90	0.40	0
303867	OR	0.59	0.61	0

**Table E-7. 2014 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>			
285981	MC	0.62	0.41	1
285985	MC	0.66	0.40	1
285986	MC	0.73	0.31	1
285987	MC	0.91	0.46	1
292391	MC	0.93	0.33	0
292399	MC	0.82	0.35	0
292403	MC	0.73	0.39	0
292405	MC	0.80	0.32	0
292406	MC	0.83	0.42	0
292408	MC	0.80	0.33	0
292409	MC	0.84	0.39	0
292412	MC	0.77	0.33	0
292414	OR	0.64	0.67	1
299021	MC	0.78	0.37	0
299025	MC	0.89	0.38	0
299026	MC	0.63	0.21	0
299028	MC	0.80	0.30	0
299029	MC	0.86	0.40	0
299031	MC	0.78	0.43	0
299034	MC	0.92	0.40	0
299036	MC	0.92	0.38	0
299038	OR	0.65	0.53	0
299622C	WR	0.88	0.69	
299622T	WR	0.61	0.68	
302674	MC	0.84	0.36	0
302677	MC	0.72	0.42	0
302678	MC	0.91	0.41	0
302680	MC	0.89	0.45	0
302690	OR	0.62	0.64	0
303913	MC	0.62	0.30	1
303920	MC	0.74	0.33	1
303925	MC	0.83	0.49	1
304075	MC	0.91	0.45	0
304079	MC	0.76	0.41	0
304083	MC	0.75	0.27	0
304084	MC	0.78	0.41	0
304086	MC	0.81	0.32	0
304092	MC	0.80	0.28	0
304095	OR	0.67	0.60	0
304285	MC	0.87	0.29	0
304288	MC	0.78	0.31	0
304308	MC	0.82	0.34	1

**Table E-8. 2014 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>			
202991	MC	0.92	0.43	0
202999	MC	0.81	0.38	0
203731	MC	0.93	0.30	0
207007	MC	0.81	0.43	0
207015	MC	0.79	0.49	0
212474	MC	0.78	0.47	1
218466	MC	0.75	0.50	0
227228	MC	0.68	0.47	0
227236	MC	0.73	0.49	1
227239	MC	0.75	0.41	0
227489	MC	0.51	0.22	1
252339	MC	0.86	0.40	0
253627	MC	0.96	0.31	0
253628	MC	0.84	0.42	0
253701	MC	0.84	0.33	0
258208	MC	0.79	0.52	1
260574	SA	0.84	0.43	0
260581	SA	0.79	0.48	0
279762	MC	0.90	0.38	0
282100	MC	0.80	0.45	0
293452	MC	0.83	0.47	0
293506	OR	0.76	0.45	0
293709	MC	0.61	0.46	0
297442	OR	0.79	0.51	0
297497	SA	0.32	0.42	0
297639	SA	0.55	0.43	0
297641	OR	0.64	0.46	0
300030	MC	0.77	0.44	0
300056	SA	0.51	0.45	0
300732	MC	0.68	0.39	1
300737	MC	0.56	0.37	0
300744	SA	0.35	0.44	0
303398	MC	0.71	0.52	0
303798	MC	0.95	0.29	0
303815	OR	0.62	0.54	0
309883	MC	0.88	0.32	0

**Table E-9. 2014 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>			
218875	MC	0.90	0.39	0
218895	MC	0.64	0.37	0
222082	MC	0.84	0.46	0
227192	OR	0.51	0.61	0
227456	MC	0.92	0.34	0
247529	MC	0.91	0.37	0
247695	MC	0.76	0.36	1
247731	MC	0.61	0.41	0
258204	MC	0.86	0.34	1
258228	SA	0.83	0.37	0
258275	MC	0.89	0.43	0
270728	MC	0.74	0.45	0
279725	MC	0.84	0.29	0
279769	MC	0.67	0.34	0
279775	MC	0.69	0.50	0
279788	SA	0.83	0.43	0
280718	MC	0.71	0.35	0
287237	MC	0.84	0.43	0
293508	SA	0.62	0.51	0
293686	MC	0.69	0.45	0
293693	MC	0.78	0.44	0
297613	MC	0.93	0.38	0
297979	MC	0.43	0.47	0
297983	SA	0.76	0.31	0
298093	MC	0.48	0.38	1
298095	MC	0.54	0.39	0
301796	MC	0.97	0.27	0
301797	MC	0.81	0.24	0
301798	MC	0.75	0.41	0
301802	MC	0.86	0.40	0
301805	MC	0.79	0.42	1
301811	MC	0.68	0.31	0
301822	MC	0.85	0.41	0
302407	SA	0.51	0.39	1
302480	SA	0.72	0.38	0
302485	MC	0.82	0.35	0
302495	OR	0.42	0.63	1
302793	MC	0.93	0.34	0
303321	MC	0.68	0.57	1
303333	MC	0.76	0.38	1
303336	OR	0.74	0.61	0
304983	OR	0.56	0.64	0

**Table E-10. 2014 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>			
198675	MC	0.63	0.49	0
206951	MC	0.76	0.49	0
207214	MC	0.82	0.30	0
207514	SA	0.78	0.54	0
217318	MC	0.83	0.55	0
221134	MC	0.66	0.40	0
221152	MC	0.92	0.43	0
221205	SA	0.90	0.36	0
221207	SA	0.78	0.41	0
248878	SA	0.83	0.48	0
261200	MC	0.58	0.30	0
262105	MC	0.89	0.44	0
262140	MC	0.85	0.44	0
272771	MC	0.88	0.39	0
272773	MC	0.72	0.50	0
272880	OR	0.80	0.63	0
272901	OR	0.67	0.76	0
273791	MC	0.82	0.52	0
280476	MC	0.86	0.44	0
280477	MC	0.76	0.50	0
280746	SA	0.64	0.46	0
287189	MC	0.93	0.41	0
287613	MC	0.47	0.47	0
290254	OR	0.68	0.68	0
298014	MC	0.85	0.51	0
298025	MC	0.80	0.52	0
298040	MC	0.74	0.51	0
298111	MC	0.87	0.35	0
298114	MC	0.47	0.36	0
299556	MC	0.79	0.54	0
301159	MC	0.96	0.29	0
301161	MC	0.52	0.55	1
301169	MC	0.37	0.36	1
301170	MC	0.63	0.40	0
301173	MC	0.64	0.49	0
301591	MC	0.60	0.56	0
301592	MC	0.63	0.44	0
301597	MC	0.65	0.52	0
301598	MC	0.65	0.50	0
303745	MC	0.67	0.50	0
303755	SA	0.63	0.40	0
303763	OR	0.47	0.65	0

**Table E-11. 2014 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>			
217392	MC	0.53	0.49	0
217485	MC	0.71	0.35	0
217500	MC	0.75	0.23	0
217663	OR	0.50	0.68	0
221674	MC	0.76	0.45	0
221697	MC	0.62	0.47	1
229029	SA	0.92	0.35	0
229040	MC	0.93	0.31	0
251310	MC	0.87	0.48	0
251397	MC	0.65	0.48	0
251435	MC	0.72	0.52	0
264285	MC	0.58	0.46	0
264400	MC	0.64	0.45	0
266113	MC	0.85	0.29	0
272172	MC	0.69	0.45	0
272283	MC	0.70	0.55	0
272302	MC	0.63	0.34	0
272303	MC	0.79	0.42	0
280815	MC	0.57	0.39	1
282255	OR	0.80	0.59	0
288284	MC	0.57	0.44	0
288286	MC	0.93	0.39	0
288380	MC	0.85	0.53	0
290248	SA	0.64	0.50	0
294266	SA	0.63	0.59	0
296379	MC	0.83	0.57	0
296380	MC	0.73	0.35	0
296387	SA	0.43	0.36	1
296392	OR	0.61	0.69	0
298161	MC	0.82	0.46	0
298263	MC	0.71	0.51	0
301220	MC	0.60	0.52	0
301221	MC	0.76	0.49	1
301235	SA	0.72	0.43	0
301248	OR	0.78	0.64	0
301496	MC	0.32	0.40	0
301498	MC	0.76	0.53	0
301499	MC	0.68	0.55	0
303704	MC	0.53	0.38	0
303711	MC	0.81	0.32	0
303717	SA	0.79	0.47	0
309942	MC	0.82	0.50	0

**Table E-12. 2014 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>			
208657	MC	0.83	0.54	0
208664	MC	0.68	0.52	0
219417	MC	0.53	0.49	0
219436	MC	0.71	0.49	0
219513	MC	0.88	0.44	0
227953	SA	0.88	0.43	0
227987	MC	0.83	0.46	0
228047	MC	0.67	0.51	0
239637	SA	0.79	0.48	0
250245	MC	0.72	0.33	0
250334	MC	0.85	0.51	0
250535	MC	0.69	0.53	0
259270	MC	0.73	0.49	0
259281	MC	0.55	0.55	0
260373	MC	0.77	0.36	0
272135	MC	0.80	0.57	0
272139	MC	0.65	0.52	0
272148	MC	0.55	0.39	0
272441	MC	0.81	0.32	0
281419	MC	0.49	0.48	0
281695	MC	0.73	0.46	0
282224	SA	0.53	0.54	2
288721	MC	0.63	0.47	0
288736	OR	0.54	0.74	1
289832	MC	0.71	0.48	0
289859	OR	0.81	0.70	0
295755	SA	0.88	0.44	0
296348	MC	0.64	0.49	0
296356	MC	0.56	0.47	0
298180	MC	0.83	0.38	0
298181	MC	0.86	0.48	0
298218	MC	0.56	0.43	0
301837	MC	0.56	0.43	0
301865	OR	0.64	0.73	0
302316	MC	0.64	0.44	0
302319	MC	0.37	0.28	0
302322	SA	0.56	0.31	1
302327	MC	0.62	0.41	0
302340	OR	0.49	0.69	1
303701	SA	0.81	0.44	0
303732	MC	0.61	0.31	0

**Table E-13. 2014 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>			
219585	MC	0.69	0.54	0
219616	MC	0.58	0.45	0
219670	MC	0.83	0.45	0
228379	SA	0.89	0.33	0
253698	MC	0.73	0.47	0
253753	MC	0.72	0.43	0
253761	MC	0.75	0.42	0
253790	SA	0.75	0.51	1
259988	MC	0.93	0.29	0
264725	MC	0.81	0.51	0
272928	MC	0.73	0.55	0
275024	MC	0.62	0.51	0
275045	MC	0.85	0.45	0
282314	MC	0.79	0.52	0
283272	MC	0.68	0.53	0
284880	MC	0.80	0.40	0
285090	OR	0.60	0.62	0
285227	MC	0.77	0.45	0
287530	MC	0.70	0.50	0
296085	SA	0.72	0.47	0
296751	MC	0.54	0.57	0
296756	MC	0.82	0.37	0
297514	MC	0.69	0.54	0
297518	MC	0.71	0.58	0
297521	MC	0.63	0.42	0
297523	MC	0.42	0.28	1
297663	SA	0.68	0.60	1
298049	MC	0.84	0.38	0
298200	MC	0.43	0.37	1
301471	MC	0.63	0.59	0
301484	OR	0.53	0.71	1
301690	MC	0.84	0.38	0
301698	MC	0.80	0.48	0
301700	SA	0.40	0.30	1
301702	MC	0.47	0.43	0
301703	SA	0.48	0.44	1
303350	OR	0.62	0.60	1
304572	MC	0.71	0.40	0
304573	MC	0.81	0.36	1
304576	MC	0.87	0.31	0
304577	MC	0.71	0.48	0
310218	OR	0.48	0.77	1

**Table E-14. 2014 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>			
258803	SA	0.71	0.52	1
260874	MC	0.66	0.45	0
279248	MC	0.76	0.48	0
279312	MC	0.78	0.42	0
284087	OR	0.57	0.78	2
287684	MC	0.71	0.49	0
287743	SA	0.58	0.63	3
287900	OR	0.62	0.68	2
288095	OR	0.63	0.65	3
288112	MC	0.58	0.49	0
288133	SA	0.68	0.63	1
294176	MC	0.62	0.37	1
294198	MC	0.57	0.33	0
294490	MC	0.76	0.45	0
294515	MC	0.61	0.30	0
300982	MC	0.79	0.18	0
301002	MC	0.59	0.43	0
301004	MC	0.89	0.39	0
301254	OR	0.80	0.68	1
301393	MC	0.85	0.39	0
301431	MC	0.60	0.41	0
301488	OR	0.67	0.74	1
301993	MC	0.78	0.47	0
302002	MC	0.56	0.34	0
302008	MC	0.75	0.43	0
302030	MC	0.77	0.36	0
302045	MC	0.44	0.17	0
303231	MC	0.64	0.44	0
303233	MC	0.48	0.40	0
303254	MC	0.59	0.27	0
303264	MC	0.81	0.40	0
303283	MC	0.75	0.49	0
303286	MC	0.61	0.41	1
303311	MC	0.81	0.36	0
303377	MC	0.66	0.43	0
303386	MC	0.53	0.44	0
303397	OR	0.56	0.74	1
303427	MC	0.63	0.39	0
303434	MC	0.77	0.45	0
303446	MC	0.90	0.33	0
303449	MC	0.88	0.37	1
304335	SA	0.43	0.51	2

**Table E-15. 2014 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>			
245538	MC	0.82	0.28	0
245539	MC	0.66	0.40	0
245571	MC	0.56	0.33	0
264803	MC	0.72	0.32	0
264834	MC	0.73	0.37	0
264856	MC	0.76	0.32	0
264890	MC	0.89	0.26	0
264891	MC	0.52	0.37	0
273772	MC	0.87	0.36	0
281794	MC	0.90	0.30	0
281798	MC	0.77	0.37	0
281816	MC	0.81	0.27	0
281837	MC	0.93	0.40	0
281838	MC	0.72	0.35	0
281842	MC	0.87	0.44	0
288143	MC	0.91	0.31	0
288156	OR	0.47	0.57	0
288167	MC	0.83	0.26	0
288173	OR	0.57	0.61	0
288179	OR	0.50	0.50	0
288182	MC	0.63	0.46	0
288210	MC	0.85	0.33	0
289390	MC	0.62	0.31	0
289669	MC	0.57	0.30	0
291052	MC	0.70	0.38	0
291099	MC	0.73	0.45	0
291143	MC	0.81	0.32	0
291158	MC	0.31	0.21	0
291186	MC	0.81	0.43	0
291338	MC	0.75	0.39	0
291419	MC	0.85	0.34	0
294466	MC	0.54	0.33	0
294489	MC	0.72	0.37	0
294501	MC	0.78	0.42	0
294542	OR	0.39	0.62	1
299396	MC	0.70	0.34	0
299440	MC	0.67	0.41	0
299444	MC	0.76	0.53	0
299490	MC	0.79	0.39	0
301140	MC	0.71	0.46	0
310216	MC	0.88	0.13	0
310217	MC	0.92	0.30	1

**Table E-16. 2014 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>			
227971	MC	0.75	0.46	0
229351	MC	0.88	0.34	0
252715	OR	0.50	0.66	1
265239	MC	0.71	0.27	0
265288	MC	0.51	0.32	0
265296	MC	0.93	0.32	0
265305	MC	0.73	0.42	0
265307	MC	0.79	0.43	0
273679	MC	0.69	0.31	0
273925	MC	0.68	0.22	0
273928	MC	0.66	0.44	0
274002	MC	0.69	0.24	0
274027	MC	0.80	0.37	0
281958	MC	0.49	0.36	0
282055	MC	0.55	0.34	0
282056	MC	0.68	0.25	0
288309	OR	0.40	0.58	1
288319	MC	0.46	0.32	0
288349	MC	0.70	0.32	0
288351	MC	0.47	0.33	0
289593	MC	0.80	0.39	0
289599	MC	0.50	0.37	0
289670	MC	0.78	0.36	0
289695	MC	0.63	0.30	0
289757	MC	0.53	0.38	0
289767	MC	0.67	0.41	0
291721	MC	0.87	0.42	0
291842	MC	0.39	0.27	0
291896	MC	0.54	0.42	0
291914	MC	0.82	0.42	0
291963	MC	0.67	0.40	0
291979	MC	0.73	0.24	0
292003	MC	0.83	0.40	0
293815	OR	0.50	0.60	1
294053	MC	0.57	0.35	0
294054	MC	0.86	0.36	0
294063	MC	0.75	0.39	0
294112	OR	0.63	0.57	1
299483	MC	0.72	0.45	0
310323	MC	0.63	0.37	0
310324	MC	0.61	0.28	0
310325	MC	0.49	0.36	0

**Table E-17. 2014 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>			
212488	MC	0.65	0.47	0
234775	MC	0.84	0.35	0
235197	MC	0.65	0.42	0
264524	MC	0.65	0.47	0
273485	MC	0.50	0.42	0
274698	MC	0.72	0.42	0
274706	MC	0.63	0.34	0
275595	MC	0.59	0.43	0
279504	OR	0.58	0.66	1
279505	MC	0.73	0.46	0
279506	MC	0.53	0.24	0
281147	MC	0.81	0.41	0
281157	OR	0.58	0.61	1
281196	OR	0.37	0.73	2
283132	MC	0.73	0.41	0
283211	MC	0.62	0.24	0
285875	MC	0.90	0.22	0
285877	MC	0.88	0.41	0
289222	MC	0.69	0.31	0
289296	MC	0.81	0.43	0
290019	MC	0.58	0.40	0
290954	MC	0.76	0.35	0
290957	MC	0.67	0.32	0
290981	MC	0.61	0.40	0
294814	MC	0.75	0.49	0
295269	MC	0.79	0.32	0
295298	MC	0.76	0.30	0
296667	MC	0.85	0.38	0
296742	MC	0.76	0.35	0
296786	MC	0.85	0.47	0
296812	OR	0.38	0.66	2
299734	MC	0.87	0.42	0
299735	MC	0.86	0.45	0
299737	MC	0.58	0.38	0
299746	MC	0.73	0.48	0
299772	MC	0.90	0.41	0
299793	OR	0.70	0.70	1
299823	MC	0.90	0.33	0
301321	MC	0.78	0.32	0
301324	MC	0.70	0.38	0
301341	MC	0.78	0.33	0
301363	MC	0.81	0.50	0
301378	MC	0.84	0.48	0
304251	MC	0.59	0.27	0
304255	MC	0.59	0.27	0

**Table E-18. 2014 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>			
208285	MC	0.84	0.48	0
226974	MC	0.80	0.45	0
229644	MC	0.73	0.26	
229662	MC	0.93	0.39	
230419	MC	0.85	0.40	0
230665	MC	0.86	0.41	0
244827	MC	0.83	0.44	0
244944	OR	0.54	0.59	3
246683	MC	0.82	0.35	
258902	MC	0.73	0.37	
258914	MC	0.77	0.43	0
258916	MC	0.85	0.42	
260796	OR	0.54	0.69	2
260908	MC	0.80	0.44	0
261057	MC	0.88	0.36	0
261451	MC	0.84	0.32	0
261459	MC	0.69	0.26	0
271908	MC	0.80	0.34	0
272999	MC	0.76	0.43	0
273017	MC	0.70	0.48	0
273026	MC	0.59	0.29	0
273191	MC	0.88	0.30	0
274078	MC	0.68	0.37	0
275829	MC	0.66	0.43	0
275850	MC	0.84	0.49	0
275898	MC	0.79	0.47	0
275906	MC	0.84	0.43	0
281172	MC	0.50	0.27	0
281268	MC	0.61	0.33	0
281281	MC	0.85	0.40	
281924	MC	0.62	0.37	0
287590	MC	0.61	0.35	0
288245	MC	0.55	0.32	0
288261	MC	0.74	0.43	0
288262	MC	0.72	0.40	0
294673	MC	0.79	0.35	0
294709	OR	0.58	0.75	2
294728	MC	0.67	0.39	0
294746	MC	0.95	0.28	0
294770	MC	0.61	0.43	0
298326	OR	0.41	0.60	4
298512	MC	0.78	0.38	0
299695	MC	0.78	0.33	0
299725	OR	0.63	0.58	4
300101	MC	0.83	0.41	0

**Table E-19. 2014 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>			
208526	MC	0.71	0.49	0
216428	OR	0.49	0.69	2
258356	MC	0.61	0.36	0
261520	MC	0.60	0.49	0
272688	MC	0.61	0.42	0
272732	MC	0.51	0.30	0
272820	MC	0.64	0.33	0
273102	MC	0.64	0.46	0
273103	MC	0.58	0.37	0
280448	MC	0.61	0.51	0
280810	MC	0.58	0.56	0
285645	MC	0.69	0.44	0
287032	MC	0.77	0.46	0
287038	MC	0.71	0.33	0
287039	MC	0.61	0.40	0
287203	MC	0.57	0.27	0
287312	MC	0.68	0.46	0
287332	OR	0.46	0.68	1
287353	MC	0.70	0.28	0
287364	MC	0.45	0.40	0
287381	MC	0.73	0.50	0
287382	MC	0.78	0.34	0
293879	OR	0.42	0.67	3
293884	MC	0.76	0.36	0
293886	MC	0.86	0.34	0
293940	MC	0.76	0.19	0
293963	MC	0.74	0.43	0
293968	MC	0.74	0.48	0
294258	OR	0.50	0.65	1
295844	MC	0.71	0.39	0
295856	MC	0.59	0.21	0
295864	MC	0.81	0.35	0
295867	MC	0.68	0.34	0
295907	MC	0.87	0.31	0
295908	MC	0.56	0.29	0
297594	MC	0.63	0.45	0
299250	MC	0.80	0.30	0
299315	MC	0.77	0.25	0
299320	MC	0.55	0.50	0
299335	MC	0.82	0.36	0
299368	MC	0.76	0.41	0
301718	MC	0.78	0.45	0
301762	MC	0.86	0.41	0
302737	MC	0.60	0.38	0
304275	OR	0.52	0.75	3

**Table E-20. 2014 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>			
206779	MC	0.55	0.32	0
208967	MC	0.70	0.28	0
230825	MC	0.68	0.33	0
246665	MC	0.77	0.31	0
265038	MC	0.65	0.25	0
265086	MC	0.65	0.33	0
265112	MC	0.70	0.42	0
265131	MC	0.68	0.31	0
267200	MC	0.71	0.40	0
268661	MC	0.55	0.37	0
271561	MC	0.59	0.33	0
271579	MC	0.69	0.33	0
273078	MC	0.62	0.39	0
274332	MC	0.59	0.29	0
274560	MC	0.91	0.32	0
274578	MC	0.52	0.37	0
281373	MC	0.83	0.31	0
283350	MC	0.77	0.33	0
283429	MC	0.62	0.36	0
287789	MC	0.91	0.35	0
287796	MC	0.70	0.29	0
287825	MC	0.32	0.20	0
287847	MC	0.49	0.40	0
287857	MC	0.56	0.26	0
288406	OR	0.37	0.65	5
289877	MC	0.61	0.46	0
289953	MC	0.66	0.32	0
290850	OR	0.28	0.54	3
293184	MC	0.61	0.45	0
294379	OR	0.32	0.57	2
294397	MC	0.78	0.39	0
294425	OR	0.54	0.50	1
296422	MC	0.71	0.32	0
296423	MC	0.69	0.37	0
296462	MC	0.77	0.41	0
296473	OR	0.60	0.43	1
299282	MC	0.76	0.27	0
299290	MC	0.70	0.22	0
299313	MC	0.49	0.29	0
299356	MC	0.55	0.27	0
300268	MC	0.57	0.45	0
300274	MC	0.78	0.46	0
300302	MC	0.55	0.13	0
300308	MC	0.76	0.47	0
300309	MC	0.68	0.39	0

Table E-21. 2014 MCAS-Alt: Item-Level Classical Test Theory Statistics – ELA

Grade	Item		Difficulty	Discrimination
	Number	Type		
3	comp1	OR	0.59	0.58
	comp2	OR	0.59	0.57
	comp3	OR		
	ind1	OR	0.98	0.71
	ind2	OR	0.97	0.72
	ind3	OR		
	sk1	OR	0.98	0.68
	sk2	OR	0.98	0.63
	sk3	OR		
4	comp1	OR	0.59	0.18
	comp2	OR	0.59	0.19
	comp3	OR	0.59	0.18
	ind1	OR	0.97	0.34
	ind2	OR	0.97	0.50
	ind3	OR	0.96	0.35
	sk1	OR	0.98	0.23
	sk2	OR	0.98	0.31
	sk3	OR	0.98	0.20
5	comp1	OR	0.60	0.52
	comp2	OR	0.59	0.53
	comp3	OR		
	ind1	OR	0.98	0.74
	ind2	OR	0.96	0.77
	ind3	OR		
	sk1	OR	0.98	0.54
	sk2	OR	0.98	0.57
6	comp1	OR	0.59	0.48
	comp2	OR	0.59	0.48
	ind1	OR	0.95	0.85
	ind2	OR	0.94	0.87
	sk1	OR	0.98	0.47
	sk2	OR	0.98	0.40
7	comp1	OR	0.59	0.19
	comp2	OR	0.59	0.18
	comp3	OR	0.59	0.19
	ind1	OR	0.96	0.44
	ind2	OR	0.96	0.53
	ind3	OR	0.94	0.46
	sk1	OR	0.98	0.21
	sk2	OR	0.98	0.40
8	comp1	OR	0.59	0.50
	comp2	OR	0.59	0.47
	comp3	OR		
	ind1	OR	0.96	0.79
	ind2	OR	0.95	0.83

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
8	ind3	OR		
	sk1	OR	0.98	0.49
	sk2	OR	0.98	0.44
	sk3	OR		
10	comp1	OR	0.59	0.17
	comp2	OR	0.59	0.20
	comp3	OR	0.59	0.19
	ind1	OR	0.95	0.39
	ind2	OR	0.95	0.46
	ind3	OR	0.94	0.32
	sk1	OR	0.98	0.19
	sk2	OR	0.96	0.30
	sk3	OR	0.97	0.29

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

Table E-22. 2014 MCAS-Alt: Item-Level Classical Test Theory Statistics – Mathematics

Grade	Item		Difficulty	Discrimination
	Number	Type		
3	comp1	OR	0.59	0.57
	comp3	OR		
	comp5	OR	0.59	0.59
	ind1	OR	0.97	0.74
	ind3	OR		
	ind5	OR	0.97	0.74
	sk1	OR	0.98	0.62
	sk3	OR		
	sk5	OR	0.98	0.61
4	comp1	OR	0.59	0.56
	comp3	OR	0.59	0.53
	ind1	OR	0.96	0.77
	ind3	OR	0.97	0.74
	sk1	OR	0.99	0.51
	sk3	OR	0.99	0.48
5	comp2	OR	0.59	0.48
	comp3	OR	0.60	0.48
	comp6	OR		
	ind2	OR	0.97	0.81
	ind3	OR	0.96	0.81
	ind6	OR		
	sk2	OR	0.98	0.53
	sk3	OR	0.98	0.50
6	comp1	OR	0.59	0.57
	comp2	OR	0.59	0.54
	comp4	OR		

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
6	ind1	OR	0.95	0.82
	ind2	OR	0.95	0.84
	ind4	OR		
	sk1	OR	0.98	0.44
	sk2	OR	0.98	0.44
	sk4	OR		
7	comp1	OR	0.59	0.46
	comp3	OR		
	comp4	OR	0.59	0.45
	ind1	OR	0.95	0.82
	ind3	OR		
	ind4	OR	0.96	0.81
	sk1	OR	0.98	0.45
	sk3	OR		
8	sk4	OR	0.98	0.44
	comp2	OR	0.59	0.42
	comp3	OR		
	comp4	OR	0.59	0.46
	ind2	OR	0.95	0.81
	ind3	OR		
	ind4	OR	0.95	0.84
	sk2	OR	0.98	0.43
10	sk3	OR		
	sk4	OR	0.98	0.44
	comp1	OR	0.60	0.22
	comp2	OR	0.60	0.21
	comp3	OR	0.59	0.30
	comp4	OR	0.60	0.23
	comp5	OR	0.60	0.24
	ind1	OR	0.95	0.39
	ind2	OR	0.95	0.42
	ind3	OR	0.96	0.42
	ind4	OR	0.97	0.23
	ind5	OR	0.97	0.34
	sk1	OR	0.97	0.29
	sk2	OR	0.97	0.33
sk3	OR	0.97	0.19	
sk4	OR	0.97	0.14	
sk5	OR	0.98	0.25	

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

Table E-23. 2014 MCAS-Alt: Item-Level Classical Test Theory Statistics – STE

Grade	Item		Difficulty	Discrimination
	Number	Type		
5	comp1	OR	0.59	0.31
	comp2	OR	0.59	0.30
	comp3	OR	0.59	0.32
	comp4	OR	0.60	0.24
	ind1	OR	0.97	0.50
	ind2	OR	0.97	0.42
	ind3	OR	0.97	0.39
	ind4	OR	0.96	0.50
	sk1	OR	0.98	0.38
	sk2	OR	0.98	0.36
	sk3	OR	0.98	0.33
	sk4	OR	0.98	0.21
8	comp1	OR	0.59	0.25
	comp2	OR	0.59	0.23
	comp3	OR	0.59	0.27
	comp4	OR	0.59	0.17
	ind1	OR	0.96	0.54
	ind2	OR	0.95	0.62
	ind3	OR	0.95	0.59
	ind4	OR	0.97	0.37
	sk1	OR	0.98	0.24
	sk2	OR	0.98	0.28
	sk3	OR	0.98	0.29
	sk4	OR	0.98	0.28

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

Table E-24. 2014 MCAS-Alt: Item-Level Classical Test Theory Statistics – High School Biology

	Item		Difficulty	Discrimination
	Number	Type		
	comp1	OR	0.59	0.29
	comp2	OR	0.60	0.25
	comp3	OR	0.59	0.30
	comp4	OR		
	ind1	OR	0.95	0.51
	ind2	OR	0.96	0.46
	ind3	OR	0.96	0.47
	ind4	OR		
	sk1	OR	0.97	0.35
	sk2	OR	0.97	0.32
	sk3	OR	0.96	0.38
	sk4	OR		

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

Table E-25. 2014 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	0.13
comp2	OR	0.59	0.13
comp3	OR	0.58	0.11
ind1	OR	0.97	0.15
ind2	OR	0.94	0.54
ind3	OR	0.94	0.81
sk1	OR	0.94	0.69
sk2	OR	0.92	0.22
sk3	OR	0.91	0.36

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

Table E-26. 2014 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	0.62	0.52
comp2	OR	0.62	0.52
comp3	OR	0.62	0.48
ind1	OR	0.98	0.14
ind2	OR	0.95	0.32
ind3	OR	0.99	0.27
sk1	OR	0.99	-0.08
sk2	OR	0.98	0.30
sk3	OR	0.98	0.13

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

Table E-27. 2014 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	0.57	0.38
comp2	OR	0.57	0.21
comp3	OR	0.58	0.27
ind1	OR	0.97	0.22
ind2	OR	0.96	0.54
ind3	OR	0.97	0.49
sk1	OR	0.98	0.49
sk2	OR	0.97	0.53
sk3	OR	0.98	0.48

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