

APPENDIX F

ITEM-LEVEL CLASSICAL STATISTICS

**Table F-1. 2015 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>			
284956	MC	0.78	0.41	0
284958	MC	0.93	0.52	0
284959	MC	0.93	0.41	0
284961	MC	0.71	0.32	0
284963	MC	0.89	0.44	0
284966	MC	0.91	0.54	1
284968	MC	0.62	0.28	0
284971	MC	0.87	0.44	1
284972	MC	0.85	0.58	1
284974	MC	0.76	0.45	1
285012	MC	0.92	0.38	0
285013	MC	0.94	0.41	0
285015	MC	0.92	0.40	0
285017	MC	0.74	0.42	0
285021	MC	0.89	0.45	0
285024	MC	0.78	0.48	0
285026	MC	0.82	0.33	1
285027	MC	0.74	0.39	1
285029	MC	0.87	0.47	0
285030	MC	0.93	0.42	0
285031	OR	0.41	0.44	0
286598	SR	0.58	0.43	0
286599	SR	0.67	0.31	0
297100	MC	0.81	0.46	0
297102	MC	0.78	0.38	0
297104	MC	0.76	0.36	1
297107	MC	0.81	0.54	0
297108	MC	0.90	0.48	0
297110	SR	0.47	0.51	0
308364	MC	0.74	0.35	0
308368	MC	0.67	0.33	0
308373	MC	0.71	0.45	1
308377	MC	0.75	0.49	0
308379	MC	0.83	0.52	0
308830	MC	0.88	0.53	0
308831	MC	0.74	0.32	0
308836	MC	0.84	0.49	0
308843	MC	0.83	0.39	0
308846	MC	0.67	0.28	1
308848	MC	0.85	0.48	0
308861	SR	0.81	0.49	0

**Table F-2. 2015 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>			
291300	MC	0.80	0.42	0
291304	MC	0.89	0.52	0
291306	MC	0.85	0.46	0
291307	MC	0.70	0.43	0
291308	MC	0.84	0.54	0
291310	MC	0.73	0.48	0
291313	MC	0.70	0.41	0
291316	MC	0.78	0.40	0
291321	MC	0.80	0.40	0
291324	MC	0.70	0.37	1
291326	OR	0.46	0.58	0
297762	MC	0.74	0.38	0
297763	MC	0.79	0.42	0
297766	MC	0.75	0.36	0
297767	MC	0.75	0.42	0
297773	MC	0.71	0.44	0
297776	MC	0.75	0.26	0
297777	MC	0.86	0.40	0
297780	MC	0.91	0.34	0
297781	MC	0.86	0.43	1
297783	MC	0.57	0.29	0
297788	OR	0.44	0.56	0
297791	MC	0.79	0.35	1
297792	MC	0.59	0.41	1
297793	MC	0.85	0.34	1
297794	MC	0.75	0.44	1
297799	MC	0.60	0.41	1
303556	MC	0.86	0.35	0
303557	MC	0.81	0.42	0
303561	MC	0.71	0.52	1
303562	MC	0.91	0.36	0
303567	MC	0.78	0.38	0
303568	MC	0.69	0.42	0
303570	OR	0.49	0.59	0
307632	MC	0.84	0.43	1
307633	MC	0.88	0.37	0
307636	MC	0.82	0.39	1
307646	MC	0.87	0.49	1
307649	MC	0.83	0.49	1
307653	OR	0.40	0.56	1
314851C	WR	0.80	0.68	0
314851T	WR	0.57	0.65	0

**Table F-3. 2015 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>			
291604	MC	0.81	0.39	0
291605	MC	0.93	0.37	0
291606	MC	0.69	0.32	0
291607	MC	0.65	0.33	0
291613	MC	0.86	0.42	0
291620	OR	0.63	0.61	0
298382	MC	0.90	0.42	0
298388	MC	0.86	0.41	0
298390	MC	0.86	0.45	0
298393	MC	0.78	0.39	0
298394	MC	0.60	0.36	0
298397	MC	0.71	0.30	0
298398	MC	0.89	0.47	0
298401	MC	0.89	0.41	0
298402	MC	0.76	0.32	0
298404	MC	0.79	0.49	1
298406	OR	0.54	0.60	0
302136	MC	0.84	0.44	0
302142	MC	0.67	0.36	0
302145	MC	0.76	0.42	0
302148	MC	0.78	0.46	0
302149	MC	0.76	0.43	0
302151	MC	0.73	0.43	0
302152	MC	0.76	0.37	0
302154	MC	0.88	0.37	0
302155	MC	0.72	0.41	0
302157	MC	0.82	0.34	0
302163	OR	0.54	0.61	0
306942	MC	0.78	0.34	1
306951	MC	0.69	0.38	1
306953	MC	0.85	0.34	1
306954	MC	0.67	0.34	1
306959	MC	0.66	0.38	1
309022	MC	0.93	0.45	0
309025	MC	0.83	0.57	0
309028	MC	0.72	0.40	0
309029	MC	0.69	0.46	0
309030	MC	0.63	0.36	1
309032	MC	0.84	0.49	1
309035	OR	0.53	0.64	1

**Table F-4. 2015 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>			
292328	MC	0.89	0.34	0
292329	MC	0.84	0.39	0
292332	MC	0.88	0.50	0
292334	MC	0.68	0.26	0
292339	MC	0.78	0.42	0
292341	MC	0.83	0.42	0
292344	MC	0.65	0.29	0
292346	MC	0.91	0.35	0
292350	MC	0.70	0.31	0
292351	MC	0.92	0.40	0
292354	OR	0.62	0.57	0
297924	MC	0.80	0.31	0
297925	MC	0.67	0.43	0
297929	MC	0.82	0.32	0
297930	MC	0.79	0.35	0
297935	MC	0.76	0.46	0
297936	OR	0.55	0.56	0
298523	MC	0.85	0.44	0
298528	MC	0.65	0.40	0
298532	MC	0.49	0.28	0
298533	MC	0.81	0.43	0
298535	MC	0.52	0.38	0
298536	MC	0.63	0.37	0
298537	MC	0.83	0.36	0
298540	MC	0.67	0.33	0
298541	MC	0.56	0.31	0
298551	MC	0.79	0.49	0
298553	OR	0.48	0.62	1
308292	MC	0.58	0.35	1
308293	MC	0.73	0.39	1
308295	MC	0.81	0.39	1
308299	MC	0.85	0.42	1
308304	MC	0.76	0.42	1
308305	MC	0.71	0.36	1
309450	MC	0.81	0.41	0
309452	MC	0.87	0.50	0
309459	MC	0.78	0.47	1
309464	MC	0.65	0.45	1
309467	OR	0.48	0.66	1
309641	MC	0.79	0.42	0

**Table F-5. 2015 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>			
277019	MC	0.89	0.42	0
277023	MC	0.63	0.31	0
277025	MC	0.59	0.44	0
277027	MC	0.74	0.40	0
277039	MC	0.59	0.35	0
277040	MC	0.76	0.34	0
277046	MC	0.79	0.41	0
277047	MC	0.81	0.37	0
277049	MC	0.93	0.38	0
277055	OR	0.56	0.67	0
278782	MC	0.81	0.44	1
278786	MC	0.82	0.50	1
278789	MC	0.85	0.32	1
278794	MC	0.74	0.35	1
278798	MC	0.85	0.44	1
278806	MC	0.89	0.42	1
281247C	WR	0.85	0.69	0
281247T	WR	0.59	0.65	0
293286	MC	0.86	0.24	0
293288	MC	0.87	0.44	0
293289	MC	0.79	0.46	0
293291	MC	0.77	0.32	0
293293	MC	0.61	0.44	0
293295	MC	0.81	0.46	0
293296	MC	0.70	0.33	0
293299	MC	0.65	0.44	0
293300	MC	0.74	0.45	0
293306	OR	0.53	0.71	1
293816	MC	0.76	0.43	0
307854	MC	0.74	0.52	0
307858	MC	0.75	0.46	0
307859	MC	0.83	0.51	1
307866	OR	0.53	0.64	0
308431	MC	0.81	0.45	0
308433	MC	0.77	0.41	0
309098	MC	0.96	0.38	0
309104	MC	0.73	0.46	0
309109	MC	0.71	0.37	0
309112	MC	0.91	0.32	0
309113	MC	0.94	0.41	0
309114	OR	0.51	0.56	0
309755	MC	0.76	0.32	0

**Table F-6. 2015 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>			
275965	MC	0.87	0.39	0
275966	MC	0.88	0.39	0
275967	MC	0.76	0.40	0
275987	MC	0.92	0.45	0
276008	MC	0.83	0.41	0
276013	MC	0.93	0.45	0
276016	MC	0.79	0.40	0
276019	MC	0.78	0.39	0
276020	MC	0.84	0.39	0
276027	MC	0.70	0.37	0
276034	MC	0.92	0.50	0
276040	OR	0.67	0.68	0
283639	MC	0.91	0.42	0
283648	MC	0.77	0.38	0
283656	MC	0.82	0.44	0
283661	MC	0.72	0.47	0
283663	MC	0.79	0.46	0
283665	MC	0.92	0.45	0
283668	OR	0.62	0.65	0
291936	MC	0.94	0.25	0
291938	MC	0.89	0.32	0
291940	MC	0.86	0.36	0
291951	MC	0.81	0.43	0
291952	MC	0.58	0.14	0
291958	MC	0.85	0.49	0
291966	OR	0.61	0.65	0
294079	MC	0.79	0.54	0
294564	MC	0.81	0.54	0
309118	MC	0.79	0.47	1
309120	MC	0.81	0.42	1
309125	MC	0.91	0.43	1
309126	MC	0.91	0.51	1
309132	MC	0.78	0.44	1
309133	MC	0.54	0.29	1
309412	MC	0.73	0.28	0
309421	MC	0.76	0.19	0
309423	MC	0.86	0.42	0
309424	MC	0.70	0.36	0
309427	MC	0.78	0.32	0
309428	OR	0.61	0.61	0

**Table F-7. 2015 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>			
293632	MC	0.80	0.38	0
293634	MC	0.89	0.24	0
293635	MC	0.72	0.37	0
293640	MC	0.68	0.41	0
296622	MC	0.94	0.41	1
296625	MC	0.80	0.38	1
296628	MC	0.85	0.39	1
296629	MC	0.77	0.38	1
302189	MC	0.87	0.30	0
302192	MC	0.86	0.40	0
302193	MC	0.83	0.35	0
302196	MC	0.84	0.42	0
302197	MC	0.70	0.42	0
302199	MC	0.77	0.33	0
302207	MC	0.88	0.37	0
302208	MC	0.91	0.35	0
302212	OR	0.70	0.61	0
304973C	WR	0.89	0.69	0
304973T	WR	0.62	0.66	0
308523	MC	0.93	0.40	0
308525	MC	0.85	0.36	0
308529	MC	0.79	0.41	0
308531	MC	0.69	0.32	0
308537	MC	0.73	0.39	0
308540	MC	0.87	0.39	0
308544	OR	0.65	0.64	0
308640	MC	0.83	0.37	0
308641	MC	0.82	0.26	0
308648	MC	0.71	0.37	0
308650	MC	0.84	0.32	0
308654	OR	0.70	0.68	0
309265	MC	0.72	0.48	0
309268	MC	0.76	0.36	0
309272	MC	0.83	0.36	0
309277	MC	0.89	0.33	0
309281	MC	0.82	0.52	0
309286	OR	0.63	0.62	1
309660	MC	0.72	0.48	0
309677	MC	0.97	0.29	0
309927	MC	0.73	0.47	0
309928	MC	0.58	0.36	0
309931	MC	0.63	0.24	0

**Table F-8. 2015 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>			
203703	MC	0.80	0.52	0
207009	MC	0.84	0.29	0
207012	MC	0.81	0.42	1
225883	SA	0.68	0.50	0
227235	MC	0.89	0.36	2
252335	MC	0.77	0.50	0
253634	MC	0.88	0.33	1
260542	MC	0.81	0.54	0
260562	MC	0.86	0.39	0
260962	MC	0.77	0.32	1
280789	MC	0.82	0.44	0
281997	SA	0.82	0.48	0
282473	OR	0.75	0.52	0
293456	MC	0.72	0.42	1
293457	MC	0.83	0.52	0
293516	SA	0.62	0.49	0
297398	MC	0.85	0.35	1
297400	MC	0.72	0.42	0
297405	SA	0.77	0.52	0
297406	MC	0.78	0.46	1
297409	MC	0.74	0.49	0
297631	MC	0.79	0.39	0
297638	SA	0.87	0.21	0
297643	OR	0.48	0.51	0
300045	MC	0.74	0.44	0
300724	MC	0.90	0.25	1
300727	MC	0.77	0.40	0
301611	OR	0.86	0.33	0
303395	MC	0.33	0.35	0
303410	MC	0.78	0.35	0
304449	SA	0.85	0.47	0
306285	MC	0.70	0.45	1
306340	MC	0.80	0.39	1
306370	OR	0.44	0.52	0
306372	MC	0.56	0.36	0
306384	MC	0.86	0.22	0

**Table F-9. 2015 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>			
218902	MC	0.69	0.46	0
221898	SA	0.73	0.43	0
221974	MC	0.89	0.41	0
222213	MC	0.70	0.26	0
227379	MC	0.63	0.48	0
229063	MC	0.95	0.26	0
247465	MC	0.92	0.34	1
247587	MC	0.75	0.51	0
247687	MC	0.94	0.33	0
247745	MC	0.72	0.47	0
258184	MC	0.97	0.27	0
258191	MC	0.69	0.37	0
258205	MC	0.77	0.43	0
264547	OR	0.64	0.69	0
272167	MC	0.58	0.31	0
272227	OR	0.54	0.62	0
279779	MC	0.60	0.36	0
279790	SA	0.88	0.37	0
280097	MC	0.85	0.47	2
286779	MC	0.65	0.23	1
293523	MC	0.67	0.38	0
293714	MC	0.77	0.36	0
293720	SA	0.67	0.34	0
297972	OR	0.66	0.63	0
297987	MC	0.48	0.43	0
299678	MC	0.65	0.31	0
301814	MC	0.85	0.24	0
302794	MC	0.54	0.43	0
303328	MC	0.37	0.41	0
303332	SA	0.70	0.49	0
307015	MC	0.78	0.30	0
307023	MC	0.51	0.46	0
307055	MC	0.53	0.41	0
307066	SA	0.69	0.47	0
307080	MC	0.83	0.44	0
307082	MC	0.92	0.37	0
307084	MC	0.57	0.37	1
307122	OR	0.70	0.67	0
307304	SA	0.78	0.53	0
307308	MC	0.63	0.43	0
307309	MC	0.62	0.41	0
307313	MC	0.72	0.35	0

**Table F-10. 2015 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>			
198669	MC	0.82	0.46	0
204722	MC	0.80	0.60	0
206940	MC	0.75	0.45	0
207149	MC	0.81	0.46	0
217315	MC	0.88	0.36	1
238611	SA	0.86	0.44	0
248727	MC	0.83	0.41	0
248996	MC	0.75	0.53	0
260840	MC	0.92	0.40	0
262207	MC	0.76	0.54	0
262213	MC	0.94	0.35	0
262222	MC	0.58	0.52	0
272788	MC	0.89	0.27	0
280478	MC	0.57	0.44	0
280507	MC	0.46	0.42	0
280818	MC	0.75	0.43	0
287252	MC	0.64	0.38	0
287264	SA	0.80	0.42	0
287414	MC	0.67	0.34	1
287620	OR	0.62	0.69	0
298007	MC	0.62	0.29	0
298012	MC	0.76	0.49	0
298024	MC	0.80	0.39	0
298108	MC	0.79	0.41	0
301188	OR	0.68	0.69	0
301588	MC	0.81	0.22	0
301596	MC	0.64	0.44	0
303744	MC	0.78	0.50	0
303760	SA	0.63	0.42	1
303761	SA	0.69	0.55	0
306390	OR	0.78	0.66	0
306392	MC	0.67	0.42	1
306400	OR	0.66	0.67	0
306406	MC	0.52	0.07	0
306419	SA	0.58	0.55	0
306431	MC	0.90	0.39	0
306432	MC	0.33	0.35	0
306440	MC	0.64	0.48	0
306447	MC	0.87	0.46	0
306452	SA	0.74	0.55	0
306463	MC	0.94	0.30	0
309794	MC	0.79	0.45	0

**Table F-11. 2015 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>			
217494	MC	0.81	0.35	0
226187	MC	0.90	0.48	0
227737	MC	0.70	0.48	0
251262	MC	0.93	0.22	0
251263	MC	0.75	0.22	0
251301	MC	0.82	0.42	0
251350	OR	0.57	0.72	0
251564	MC	0.91	0.37	0
265882	MC	0.88	0.40	0
266115	MC	0.73	0.41	0
280697	MC	0.77	0.46	0
281669	MC	0.69	0.39	0
281968	MC	0.59	0.40	0
282340	MC	0.58	0.42	0
282348	SA	0.66	0.59	0
289742	MC	0.63	0.38	0
290241	MC	0.75	0.44	0
290243	MC	0.85	0.42	0
290251	OR	0.75	0.69	0
293845	MC	0.94	0.21	0
298142	MC	0.78	0.41	0
298171	MC	0.70	0.45	0
298265	SA	0.90	0.21	0
303715	SA	0.32	0.50	1
306618	MC	0.49	0.51	0
307213	MC	0.73	0.38	0
307214	MC	0.89	0.24	0
307219	SA	0.85	0.43	0
307265	MC	0.80	0.46	0
307270	MC	0.86	0.46	0
307299	OR	0.87	0.63	0
307301	SA	0.69	0.48	0
307329	OR	0.64	0.72	0
307330	MC	0.46	0.51	0
307333	MC	0.48	0.40	0
307337	SA	0.46	0.46	0
307341	MC	0.33	0.31	0
307344	MC	0.58	0.54	0
307348	MC	0.74	0.45	0
307402	MC	0.30	0.37	2
308013	MC	0.78	0.43	0
309779	MC	0.69	0.38	0

**Table F-12. 2015 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>			
208381	MC	0.88	0.45	0
219552	OR	0.80	0.65	1
228035	MC	0.89	0.44	0
235468	MC	0.71	0.48	0
250263	SA	0.62	0.59	1
259184	MC	0.86	0.51	0
261648	OR	0.48	0.75	1
272143	MC	0.73	0.43	0
272766	MC	0.61	0.53	0
281465	MC	0.50	0.48	0
281486	MC	0.56	0.56	0
281489	SA	0.65	0.59	1
282289	OR	0.68	0.73	1
282957	MC	0.48	0.56	0
288724	MC	0.75	0.50	0
288734	SA	0.76	0.46	0
295737	MC	0.44	0.49	0
295741	MC	0.68	0.43	0
295746	MC	0.54	0.45	0
295748	MC	0.42	0.26	0
296361	OR	0.70	0.75	0
298064	SA	0.75	0.50	0
298176	MC	0.71	0.36	0
298187	MC	0.58	0.44	0
301841	MC	0.69	0.49	0
301851	MC	0.78	0.53	0
301858	SA	0.75	0.47	0
302315	MC	0.78	0.47	0
302320	MC	0.77	0.15	0
302325	MC	0.58	0.39	0
303699	SA	0.53	0.64	0
303731	MC	0.45	0.37	1
304467	MC	0.54	0.50	0
306501	MC	0.74	0.46	0
306603	MC	0.75	0.45	0
306604	MC	0.66	0.48	0
306612	MC	0.44	0.48	0
306627	MC	0.52	0.52	0
306631	MC	0.60	0.40	0
306635	MC	0.67	0.41	0
306645	MC	0.57	0.36	0
309788	MC	0.91	0.31	0

**Table F-13. 2015 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	0.46	0
228148	MC	0.82	0.16	0
228313	MC	0.86	0.45	0
229570	MC	0.67	0.53	0
253742	MC	0.64	0.38	0
253764	MC	0.75	0.40	0
265911	OR	0.58	0.71	2
284198	MC	0.77	0.44	0
284774	OR	0.53	0.74	1
284914	MC	0.87	0.45	0
287508	MC	0.72	0.50	0
287601	MC	0.73	0.48	0
287762	MC	0.50	0.48	0
289831	MC	0.77	0.44	0
296084	MC	0.70	0.42	0
296119	SA	0.78	0.54	0
296753	SA	0.74	0.49	1
297513	MC	0.86	0.49	0
297520	MC	0.49	0.43	1
297649	MC	0.86	0.32	0
297650	MC	0.41	0.29	0
297660	MC	0.70	0.43	0
298201	MC	0.72	0.42	0
301479	SA	0.51	0.46	0
301683	MC	0.56	0.31	1
301684	MC	0.64	0.44	0
301685	MC	0.52	0.41	0
301697	MC	0.63	0.46	0
301708	SA	0.73	0.63	1
303341	MC	0.89	0.39	0
303348	OR	0.81	0.58	0
303787	MC	0.85	0.43	0
307389	MC	0.67	0.41	0
307400	SA	0.76	0.57	1
307421	MC	0.57	0.39	0
307512	MC	0.77	0.24	0
307537	MC	0.40	0.36	0
307539	MC	0.47	0.36	0
307546	SA	0.87	0.49	1
307563	MC	0.54	0.42	0
307587	MC	0.69	0.49	0
307588	OR	0.69	0.77	1

**Table F-14. 2015 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>			
258813	MC	0.58	0.39	0
268255	SA	0.67	0.45	1
272630	MC	0.65	0.63	0
279245	MC	0.79	0.51	0
281580	MC	0.73	0.56	0
281724	MC	0.77	0.59	0
287445	MC	0.71	0.42	0
288091	OR	0.69	0.80	0
292919	MC	0.61	0.41	0
294024	MC	0.74	0.42	0
294027	SA	0.53	0.50	1
294329	OR	0.67	0.75	1
294530	OR	0.68	0.76	1
294676	MC	0.91	0.35	0
296364	OR	0.56	0.70	2
299919	MC	0.75	0.40	0
301408	MC	0.41	0.42	0
302035	MC	0.75	0.30	0
302058	SA	0.72	0.50	2
303304	MC	0.75	0.46	0
303380	MC	0.84	0.32	0
306471	OR	0.53	0.76	3
306475	OR	0.43	0.63	2
306481	MC	0.80	0.40	0
306536	MC	0.79	0.24	0
306585	MC	0.65	0.45	0
306776	MC	0.69	0.20	0
306777	SA	0.78	0.36	1
307945	MC	0.89	0.43	0
307965	MC	0.55	0.52	0
307988	MC	0.85	0.52	0
308000	MC	0.76	0.46	0
308031	MC	0.78	0.52	0
308711	MC	0.75	0.40	0
308716	MC	0.78	0.42	0
308723	MC	0.95	0.34	0
308730	MC	0.75	0.36	0
308774	MC	0.75	0.36	0
308895	MC	0.74	0.27	0
308896	MC	0.60	0.33	0
308918	MC	0.87	0.30	0
309637	MC	0.78	0.39	0

**Table F-15. 2015 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>			
227883	MC	0.80	0.36	0
264881	MC	0.69	0.44	0
264888	MC	0.53	0.37	0
273683	MC	0.66	0.31	0
273704	MC	0.66	0.28	0
273721	MC	0.77	0.33	0
273750	MC	0.66	0.29	0
281801	MC	0.82	0.41	0
281803	MC	0.89	0.32	0
288140	MC	0.84	0.48	0
288150	MC	0.91	0.25	0
291064	MC	0.54	0.36	0
291126	MC	0.71	0.37	0
291245	MC	0.63	0.26	0
291257	MC	0.85	0.27	0
291292	MC	0.56	0.36	0
291348	MC	0.83	0.26	0
291366	MC	0.82	0.39	0
291427	MC	0.81	0.37	0
294443	MC	0.69	0.32	0
294446	MC	0.74	0.44	0
294453	MC	0.59	0.38	0
294475	MC	0.83	0.44	0
294511	MC	0.76	0.28	0
294524	MC	0.62	0.39	0
294537	OR	0.40	0.58	0
294557	OR	0.54	0.50	1
299393	MC	0.69	0.45	0
299443	MC	0.73	0.43	0
299494	MC	0.85	0.38	0
299503	MC	0.83	0.39	0
301138	MC	0.87	0.35	0
304594	MC	0.67	0.45	1
304595	MC	0.64	0.34	0
304611	MC	0.65	0.49	0
304650	OR	0.44	0.56	0
304674	OR	0.51	0.57	0
304684	MC	0.71	0.39	0
309744	MC	0.86	0.16	0
314833	MC	0.81	0.29	0
314834	MC	0.72	0.26	0
314835	MC	0.75	0.35	0

**Table F-16. 2015 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>			
246345	MC	0.85	0.42	0
265243	MC	0.90	0.43	0
265260	MC	0.90	0.38	0
265274	OR	0.42	0.52	1
265278	MC	0.51	0.28	0
265290	OR	0.59	0.65	1
281947	MC	0.50	0.45	0
281975	MC	0.66	0.35	0
282030	MC	0.90	0.40	0
282037	MC	0.89	0.38	0
282054	MC	0.36	0.32	0
282058	MC	0.67	0.52	0
288310	MC	0.60	0.38	1
288329	MC	0.54	0.24	0
288350	MC	0.73	0.22	0
288352	MC	0.40	0.30	0
289595	MC	0.72	0.46	0
289733	MC	0.63	0.46	0
289775	MC	0.58	0.42	0
291687	MC	0.86	0.40	0
291688	MC	0.56	0.37	0
291744	MC	0.77	0.41	0
291765	MC	0.73	0.44	0
291858	MC	0.64	0.28	0
291949	MC	0.82	0.19	0
291974	MC	0.78	0.37	0
294093	MC	0.63	0.35	0
294103	MC	0.77	0.41	0
294222	MC	0.59	0.34	0
294231	MC	0.39	0.31	0
294245	MC	0.65	0.34	0
299420	MC	0.62	0.36	0
299472	MC	0.78	0.33	0
299486	MC	0.63	0.37	0
299534	OR	0.57	0.62	1
304491	MC	0.50	0.34	0
304517	MC	0.81	0.44	0
304525	OR	0.44	0.57	0
304527	MC	0.70	0.33	0
304529	MC	0.74	0.36	0
304554	MC	0.66	0.32	0
304564	MC	0.36	0.34	0

**Table F-17. 2015 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>			
208029	MC	0.67	0.36	0
208193	MC	0.73	0.37	0
234777	MC	0.80	0.47	0
260672	MC	0.84	0.41	0
260673	MC	0.75	0.25	0
260689	MC	0.83	0.40	0
260690	OR	0.44	0.65	1
268645	MC	0.79	0.44	0
273305	OR	0.53	0.64	2
273506	MC	0.78	0.43	0
276484	OR	0.56	0.62	1
276801	MC	0.87	0.39	0
279490	MC	0.56	0.31	0
279793	MC	0.69	0.40	0
289300	MC	0.72	0.47	0
289324	MC	0.68	0.49	0
290036	MC	0.81	0.43	0
290938	MC	0.74	0.45	0
290946	MC	0.63	0.35	0
293174	MC	0.68	0.46	0
294807	MC	0.70	0.21	0
294812	MC	0.67	0.48	0
295271	MC	0.77	0.43	0
295307	OR	0.46	0.69	2
299685	MC	0.65	0.40	0
299736	MC	0.81	0.53	0
299776	MC	0.78	0.40	0
299799	MC	0.66	0.37	0
299806	MC	0.74	0.41	0
299812	MC	0.73	0.51	0
299834	OR	0.51	0.70	2
301330	MC	0.77	0.44	0
301397	MC	0.50	0.32	0
304850	MC	0.81	0.48	0
304851	MC	0.77	0.40	0
304867	MC	0.71	0.31	0
304868	MC	0.80	0.49	0
304879	MC	0.64	0.36	0
304881	MC	0.86	0.36	0
304887	MC	0.86	0.38	0
304888	MC	0.87	0.32	0
304894	MC	0.66	0.45	0
304989	MC	0.69	0.33	0
304994	MC	0.66	0.31	0
306316	MC	0.90	0.41	0

**Table F-18. 2015 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>			
208242	MC	0.73	0.49	0
230480	MC	0.83	0.47	0
252684	OR	0.54	0.69	3
258969	MC	0.49	0.28	
261071	MC	0.72	0.44	1
273004	MC	0.55	0.29	0
273009	MC	0.69	0.28	0
275812	MC	0.71	0.33	0
275816	MC	0.87	0.36	0
275844	MC	0.67	0.36	
275849	MC	0.72	0.38	0
275854	MC	0.89	0.42	
281264	MC	0.44	0.23	0
281269	MC	0.90	0.42	0
281310	MC	0.90	0.37	
281326	MC	0.36	0.17	0
281333	MC	0.52	0.29	0
281917	MC	0.72	0.33	0
287273	MC	0.79	0.39	
287570	MC	0.80	0.41	0
288192	MC	0.82	0.38	
294600	MC	0.69	0.22	0
294729	MC	0.69	0.07	0
294735	MC	0.73	0.42	0
294738	OR	0.60	0.67	2
294741	OR	0.42	0.64	2
294742	OR	0.45	0.65	3
294762	MC	0.81	0.54	0
299690	MC	0.85	0.49	0
299718	MC	0.73	0.42	0
300099	MC	0.80	0.45	0
300105	MC	0.65	0.37	
300119	MC	0.70	0.31	0
300121	MC	0.74	0.51	
300189	MC	0.81	0.34	0
300193	MC	0.62	0.39	0
300198	MC	0.81	0.35	0
304366	MC	0.61	0.45	0
304388	MC	0.80	0.43	0
304405	MC	0.81	0.47	
305196	MC	0.83	0.25	
305197	MC	0.74	0.42	0
305213	MC	0.70	0.42	
305241	OR	0.61	0.70	1
309490	MC	0.73	0.40	0

**Table F-19. 2015 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>			
210928	MC	0.77	0.49	0
230867	MC	0.76	0.18	0
235317	MC	0.72	0.52	0
261116	MC	0.71	0.31	0
272670	MC	0.57	0.35	0
280874	MC	0.60	0.32	0
286522	MC	0.73	0.39	0
287049	MC	0.61	0.36	0
287336	MC	0.62	0.36	0
287337	MC	0.68	0.49	0
287344	MC	0.75	0.35	0
287345	MC	0.62	0.47	0
287348	MC	0.57	0.52	0
287388	MC	0.69	0.45	0
288360	MC	0.63	0.46	0
293153	OR	0.48	0.75	2
293915	MC	0.69	0.43	0
293925	MC	0.59	0.35	0
293942	MC	0.49	0.32	0
293943	MC	0.66	0.44	0
293945	OR	0.59	0.75	1
293960	MC	0.76	0.39	0
293977	MC	0.58	0.40	0
295861	MC	0.54	0.33	0
299237	MC	0.66	0.45	0
299243	MC	0.79	0.26	0
299246	MC	0.65	0.29	0
299340	MC	0.85	0.46	0
299385	OR	0.46	0.70	3
301721	MC	0.70	0.47	0
301740	MC	0.51	0.43	0
301743	MC	0.80	0.41	0
301771	MC	0.81	0.45	0
302734	MC	0.86	0.42	0
302735	MC	0.73	0.38	0
302738	OR	0.56	0.66	2
304704	MC	0.77	0.37	0
304722	MC	0.87	0.31	0
304745	MC	0.86	0.36	0
304756	MC	0.77	0.31	0
304758	MC	0.53	0.34	0
304776	MC	0.81	0.33	0
305454	MC	0.80	0.44	0
305455	OR	0.51	0.69	1
305487	MC	0.87	0.45	0

**Table F-20. 2015 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>			
206619	MC	0.53	0.33	0
206636	OR	0.49	0.52	2
206768	MC	0.69	0.27	0
208413	MC	0.72	0.43	0
221741	MC	0.58	0.21	0
246713	OR	0.39	0.50	1
252773	MC	0.45	0.24	0
265201	MC	0.62	0.25	0
267217	MC	0.74	0.40	1
268474	MC	0.52	0.42	0
274276	MC	0.86	0.19	0
281372	MC	0.81	0.43	0
281390	MC	0.69	0.25	0
281444	MC	0.81	0.46	0
283408	MC	0.84	0.26	
283418	MC	0.52	0.41	0
287778	MC	0.72	0.39	
287779	MC	0.53	0.43	0
287818	MC	0.47	0.31	0
290766	MC	0.45	0.30	0
293173	MC	0.53	0.48	0
293181	MC	0.78	0.43	0
293183	MC	0.53	0.27	0
293192	MC	0.78	0.33	0
294347	MC	0.74	0.28	0
294348	MC	0.62	0.50	0
294383	MC	0.66	0.37	1
296397	MC	0.51	0.27	0
296435	MC	0.67	0.27	0
296438	MC	0.65	0.32	0
296459	MC	0.63	0.37	0
296471	OR	0.48	0.61	1
299288	MC	0.44	0.21	0
299347	MC	0.55	0.47	0
300258	OR	0.46	0.63	2
300325	MC	0.71	0.43	0
300328	MC	0.61	0.31	0
305094	MC	0.57	0.24	0
305115	MC	0.82	0.36	
305127	OR	0.52	0.63	4
305140	MC	0.60	0.31	0
305148	MC	0.85	0.31	0
305171	MC	0.64	0.31	0
305177	MC	0.67	0.36	0
306823	MC	0.61	0.47	0

Table F-21. 2015 MCAS-Alt: Item-Level Classical Test Theory Statistics – ELA

Grade	Item		Difficulty	Discrimination
	Number	Type		
3	comp1	OR	0.59	0.57
	comp2	OR	0.59	0.62
	ind1	OR	0.98	0.61
	ind2	OR	0.97	0.72
	sk1	OR	0.98	0.58
	sk2	OR	0.98	0.62
4	comp1	OR	0.59	0.30
	comp2	OR	0.59	0.32
	comp3	OR	0.59	0.33
	ind1	OR	0.97	0.47
	ind2	OR	0.97	0.46
	ind3	OR	0.96	0.45
	sk1	OR	0.98	0.35
	sk2	OR	0.98	0.40
	sk3	OR	0.98	0.32
5	comp1	OR	0.59	0.53
	comp2	OR	0.59	0.53
	ind1	OR	0.97	0.67
	ind2	OR	0.97	0.71
	sk1	OR	0.98	0.59
	sk2	OR	0.98	0.55
6	comp1	OR	0.60	0.52
	comp2	OR	0.59	0.52
	ind1	OR	0.97	0.72
	ind2	OR	0.96	0.73
	sk1	OR	0.98	0.59
	sk2	OR	0.98	0.52
7	comp1	OR	0.59	0.26
	comp2	OR	0.59	0.24
	comp3	OR	0.59	0.31
	ind1	OR	0.97	0.41
	ind2	OR	0.96	0.46
	ind3	OR	0.96	0.41
	sk1	OR	0.98	0.36
	sk2	OR	0.98	0.32
	sk3	OR	0.98	0.33
8	comp1	OR	0.59	0.52
	comp2	OR	0.59	0.57
	comp3	OR		
	ind1	OR	0.97	0.66
	ind2	OR	0.96	0.68
	ind3	OR		
	sk1	OR	0.98	0.62
	sk2	OR	0.98	0.64
	sk3	OR		
10	comp1	OR	0.59	0.29
	comp2	OR	0.59	0.27

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
10	comp3	OR	0.59	0.27
	ind1	OR	0.96	0.35
	ind2	OR	0.96	0.49
	ind3	OR	0.95	0.37
	sk1	OR	0.96	0.40
	sk2	OR	0.96	0.41
	sk3	OR	0.97	0.31

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

Table F-22. 2015 MCAS-Alt: Item-Level Classical Test Theory Statistics – Mathematics

Grade	Item		Difficulty	Discrimination
	Number	Type		
3	comp1	OR	0.59	0.60
	comp5	OR	0.59	0.62
	ind1	OR	0.96	0.74
	ind5	OR	0.97	0.73
	sk1	OR	0.98	0.54
	sk5	OR	0.98	0.62
4	comp1	OR	0.59	0.55
	comp2	OR		
	comp3	OR	0.59	0.57
	ind1	OR	0.96	0.66
	ind2	OR		
	ind3	OR	0.97	0.71
	sk1	OR	0.98	0.56
	sk3	OR	0.98	0.61
5	comp2	OR	0.59	0.47
	comp3	OR	0.59	0.45
	comp6	OR		
	ind2	OR	0.97	0.69
	ind3	OR	0.97	0.71
	ind6	OR		
	sk2	OR	0.98	0.54
	sk3	OR	0.98	0.56
6	comp1	OR	0.59	0.57
	comp2	OR	0.59	0.55
	comp4	OR		
	ind1	OR	0.97	0.73
	ind2	OR	0.97	0.73
	ind4	OR		
	sk1	OR	0.98	0.57
	sk2	OR	0.99	0.53
sk4	OR			

continued

Grade	Item		Difficulty	Discrimination
	Number	Type		
7	comp1	OR	0.59	0.64
	comp3	OR		
	comp4	OR	0.59	0.57
	ind1	OR	0.96	0.72
	ind3	OR		
	ind4	OR	0.97	0.68
	sk1	OR	0.98	0.54
	sk3	OR		
	sk4	OR	0.98	0.53
8	comp2	OR	0.59	0.60
	comp3	OR		
	comp4	OR	0.59	0.57
	ind2	OR	0.97	0.71
	ind3	OR		
	ind4	OR	0.98	0.62
	sk2	OR	0.98	0.58
	sk3	OR		
	sk4	OR	0.98	0.63
10	comp1	OR	0.59	0.27
	comp2	OR	0.59	0.35
	comp3	OR	0.59	0.32
	comp4	OR	0.58	0.41
	comp5	OR	0.59	0.31
	ind1	OR	0.94	0.60
	ind2	OR	0.96	0.43
	ind3	OR	0.96	0.36
	ind4	OR	0.95	0.50
	ind5	OR	0.94	0.48
	sk1	OR	0.97	0.42
	sk2	OR	0.96	0.39
	sk3	OR	0.97	0.29
	sk4	OR	0.97	0.33
	sk5	OR	0.96	0.33

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

Table F-23. 2015 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	0.31
	comp3	OR	0.59	0.30
	comp4	OR	0.59	0.39
	ind1	OR	0.98	0.36
	ind2	OR	0.98	0.37
	ind3	OR	0.98	0.36
	ind4	OR	0.98	0.36
	sk1	OR	0.98	0.40
	sk2	OR	0.98	0.32
	sk3	OR	0.99	0.26
	sk4	OR	0.98	0.30
8	comp1	OR	0.59	0.32
	comp2	OR	0.59	0.32
	comp3	OR	0.59	0.31
	comp4	OR	0.59	0.29
	ind1	OR	0.97	0.44
	ind2	OR	0.97	0.49
	ind3	OR	0.98	0.42
	ind4	OR	0.98	0.40
	sk1	OR	0.98	0.34
	sk2	OR	0.98	0.39
	sk3	OR	0.98	0.33
	sk4	OR	0.98	0.36

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

Table F-24. 2015 MCAS-Alt: Item-Level Classical Test Theory Statistics – High School Biology

Item	Type	Difficulty	Discrimination
comp1	OR	0.59	0.31
comp2	OR	0.59	0.30
comp3	OR	0.59	0.29
comp4	OR		
ind1	OR	0.97	0.44
ind2	OR	0.97	0.44
ind3	OR	0.97	0.47
ind4	OR		
sk1	OR	0.97	0.37
sk2	OR	0.98	0.41
sk3	OR	0.98	0.45
sk4	OR		

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

Table F-25. 2015 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	0.18
comp2	OR	0.59	0.18
comp3	OR	0.59	0.35
ind1	OR	0.97	0.38
ind2	OR	0.97	0.55
ind3	OR	0.96	0.54
sk1	OR	0.93	0.72
sk2	OR	0.95	0.60
sk3	OR	0.93	0.69

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

Table F-26. 2015 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	0.59	0.49
comp2	OR	0.59	0.47
comp3	OR	0.59	0.47
comp4	OR		
ind1	OR	0.90	0.61
ind2	OR	0.88	0.28
ind3	OR	0.90	0.42
ind4	OR		
sk1	OR	0.94	0.44
sk2	OR	0.90	0.37
sk3	OR	0.94	0.44
sk4	OR		

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

**Table F-27. 2015 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	0.52
comp2	OR	0.59	0.34
comp3	OR	0.59	0.34
ind1	OR	0.94	0.56
ind2	OR	0.95	0.53
ind3	OR	0.94	0.81
sk1	OR	0.97	0.30
sk2	OR	0.96	0.42
sk3	OR	0.97	0.23

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