

APPENDIX H—ITEM RESPONSE THEORY CALIBRATION RESULTS

Table H-1. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span K–2, Spring 2012

<i>IABS</i>	<i>Parameters and Measures of Standard Error</i>					
	<i>a</i>	<i>SE (a)</i>	<i>b</i>	<i>SE (b)</i>	<i>c</i>	<i>SE (c)</i>
160635R	1	0	-1.83344	0	0	0
136923R	1	0	-2.11070	0	0	0
189973R	1	0	-0.46734	0	0	0
185299R	1	0	-1.52495	0	0	0
184791R	1	0	-1.28063	0	0	0
164335R	1	0	-0.97700	0	0	0
184810R	1	0	-1.34793	0	0	0
199368R	1	0	-1.71801	0	0	0
197462R	1	0	-0.67856	0	0	0
186221R	1	0	-0.82369	0	0	0
187854R	1	0	-0.32180	0	0	0
187858R	1	0	-0.32851	0	0	0
187860R	1	0	-1.25445	0	0	0
187869R	1	0	-0.32056	0	0	0
187872R	1	0	-0.89507	0	0	0
187876R	1	0	-0.44064	0	0	0
195000W	1	0	-0.10838	0	0	0
185607W	1	0	-0.80156	0.01098	0	0
112913W	1	0	-0.76329	0	0	0
200989W	1	0	-1.40166	0	0	0
200984W	1	0	-1.40246	0	0	0
136834R	1	0	0.02823	0	0	0
136844R	1	0	-0.67543	0	0	0
136796R	1	0	-0.25439	0	0	0
186105R	1	0	-0.41874	0	0	0
186196R	1	0	-0.35536	0	0	0
164429R	1	0	-0.52199	0	0	0
136867R	1	0	-0.38978	0	0	0
136871R	1	0	-0.69121	0	0	0
187910R	1	0	-0.13059	0	0	0
187907R	1	0	-0.10680	0	0	0
187903R	1	0	-0.59554	0	0	0
187914R	1	0	0.21507	0	0	0
187917R	1	0	0.36468	0	0	0
187912R	1	0	-0.03797	0	0	0
185531W	1	0	-0.38231	0	0	0
185611W	1	0	0.12765	0	0	0
195022W	1	0	0.07068	0	0	0
195014W	1	0	-0.24462	0	0	0
203695W	1	0	-0.32825	0	0	0
195019W	1	0	-0.09242	0	0	0

Table H-2. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span K–2, Spring 2012

<i>IABS</i>	<i>Parameters and Measures of Standard Error</i>									
	<i>a</i>	<i>SE (a)</i>	<i>b</i>	<i>SE (b)</i>	<i>c</i>	<i>SE (c)</i>	<i>D0</i>	<i>SE (D0)</i>	<i>D1</i>	<i>SE (D1)</i>
185359W	1	0	-0.30311	0	0	0	0	0	0.13171	0
185398W	1	0	-0.17546	0	0	0	0	0	0.16244	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
185495W	1	0	0.18194	0	0	0	0	0	0.34549	0
10001L	1	0	-0.98282	0	0	0	0	0	1.44855	0
10002F	1	0	-0.76635	0	0	0	0	0	1.55146	0
10003V	1	0	-0.72538	0	0	0	0	0	1.55152	0
10004P	1	0	-0.79655	0	0	0	0	0	1.33824	0
10005G	1	0	-0.62562	0	0	0	0	0	1.49674	0
186258W	1	0	-0.63450	0	0	0	0	0	0.17866	0
186253W	1	0	-0.34582	0	0	0	0	0	0.20176	0
186364W	1	0	-0.11034	0	0	0	0	0	0.39894	0
186374W	1	0	-0.14829	0	0	0	0	0	0.43216	0
136978W	1	0	0.44181	0	0	0	0	0	0.83050	0
161095W	1	0	0.55482	0	0	0	0	0	1.03982	0
10001L	1	0	-0.98282	0	0	0	0	0	1.44855	0
10002F	1	0	-0.76635	0	0	0	0	0	1.55146	0
10003V	1	0	-0.72538	0	0	0	0	0	1.55152	0
10004P	1	0	-0.79655	0	0	0	0	0	1.33824	0
10005G	1	0	-0.62562	0	0	0	0	0	1.49674	0

IABS	Parameters and Measures of Standard Error							
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)
185359W	-0.13171	0						
185398W	-0.16244	0						
185495W	-0.34549	0						
10001L	0.83286	0	0.30798	0	-0.77420	0	-1.81519	0
10002F	0.77547	0	0.18334	0	-0.73521	0	-1.77506	0
10003V	0.93157	0	0.33805	0	-0.90951	0	-1.91162	0
10004P	1.00788	0	0.23663	0	-0.80035	0	-1.78241	0
10005G	1.04249	0	0.06723	0	-0.77306	0	-1.83340	0
186258W	-0.17866	0						
186253W	-0.20176	0						
186364W	-0.39894	0						
186374W	-0.43216	0						
136978W	0.51613	0	-1.34663	0				
161095W	0.39575	0	-1.43557	0				
10001L	0.83286	0	0.30798	0	-0.77420	0	-1.81519	0
10002F	0.77547	0	0.18334	0	-0.73521	0	-1.77506	0
10003V	0.93157	0	0.33805	0	-0.90951	0	-1.91162	0
10004P	1.00788	0	0.23663	0	-0.80035	0	-1.78241	0
10005G	1.04249	0	0.06723	0	-0.77306	0	-1.83340	0

Table H-3. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 3–4, Spring 2012

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
186180R	0.36403	0	-2.94370	0	0	0
186209R	0.83916	0	-2.41109	0	0	0
135785R	1.00582	0	-2.17717	0	0	0
186237R	0.65553	0	-1.50480	0	0	0
186252R	0.77604	0	-1.54289	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
186274R	0.51651	0.02702	-3.30715	0.11712	0	0
186294R	1.05338	0	-2.16394	0	0	0
186305R	0.70746	0	-1.48921	0	0	0
186353R	0.46795	0	-2.75966	0	0	0
191251R	0.67586	0	-0.59786	0	0	0
191244R	0.73743	0	-1.31619	0	0	0
191211R	0.74073	0	-1.91698	0	0	0
191266R	0.80178	0	-1.61558	0	0	0
191505R	0.72529	0	-1.61659	0	0	0
191485R	0.84290	0	-1.22934	0	0	0
191438R	0.63040	0.01519	-0.40954	0.02534	0	0
191503R	0.39544	0.01287	0.36324	0.02912	0	0
186952W	0.79791	0	-1.35828	0	0	0
186822W	0.58658	0	-1.61918	0	0	0
187116W	0.54760	0	0.10178	0	0	0
186934W	0.85079	0	-1.97566	0	0	0
135825W	1.11258	0	-1.70830	0	0	0
164450W	0.53845	0	-1.25244	0	0	0
164455W	0.85481	0	-0.98240	0	0	0
164458W	0.64026	0	-1.47310	0	0	0
191337R	0.72402	0	-1.45779	0	0	0
191370R	0.67306	0	-1.06309	0	0	0
191320R	0.25367	0	1.16479	0	0	0
191311R	0.52666	0	-0.74749	0	0	0
191770R	0.70900	0	-0.88043	0	0	0
191744R	0.42080	0	0.38825	0	0	0
191730R	0.68742	0	-1.30491	0	0	0
191764R	0.44403	0	-0.35738	0	0	0

Table H-4. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 3–4, Spring 2012

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
186790W	1.21181	0	1.11733	0	0	0	2.31411	0	0.53482	0
186785W	1.09351	0	1.22665	0	0	0	2.66330	0	0.67454	0
186406R	0.75408	0	-1.59970	0	0	0	1.31877	0	-1.31877	0
186443R	0.71494	0	-1.60742	0	0	0	0.88992	0	-0.88992	0
195331R	0.80635	0	-0.76291	0	0	0	1.02547	0	-1.02547	0
191296R	0.80555	0	-0.00378	0	0	0	0.68873	0	-0.68873	0
191533R	0.78493	0	0.11508	0	0	0	0.42952	0	-0.42952	0
186612W	1.06787	0	-2.59416	0	0	0	0.29900	0	-0.29900	0
197757W	1.20504	0	-1.80964	0	0	0	0.36999	0	-0.36999	0
136114W	0.65423	0	-0.98931	0	0	0	1.00417	0	-1.00417	0
187000W	0.80215	0	-1.85618	0	0	0	0.86215	0	-0.86215	0
186992W	0.88623	0	-1.54469	0	0	0	1.05651	0	-1.05651	0
186980W	0.57256	0	-1.95473	0	0	0	1.27338	0	-1.27338	0
186987W	0.85704	0	-1.65155	0	0	0	1.04236	0	-1.04236	0
186804W	0.87961	0	-1.41696	0	0	0	1.00199	0	-1.00199	0
164385W	1.01804	0	-1.13441	0	0	0	0.88315	0	-0.88315	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
186817W	1.02448	0	-0.70177	0	0	0	0.84817	0	-0.84817	0
200156R	0.87366	0	-0.58527	0	0	0	0.38187	0	-0.38187	0
186959W	1.01618	0	0.66769	0	0	0	2.45735	0	0.52566	0
197214R	1.17569	0	0.84627	0	0	0	1.88478	0	0.29111	0
10001L	1	0	-1.81392	0	0	0	2.36209	0	1.16895	0
10002F	1	0	-1.55585	0	0	0	2.36725	0	1.06783	0
10003V	1	0	-1.47072	0	0	0	2.48364	0	1.22113	0
10004P	1	0	-1.60448	0	0	0	2.33869	0	1.17640	0
10005G	1	0	-1.33220	0	0	0	2.37978	0	1.24278	0

IABS	Parameters and Measures of Standard Error									
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)		
186790W	-0.95207	0	-1.89685	0	0	0				
186785W	-1.10243	0	-2.23541	0	0	0				
186406R	0	0								
186443R	0	0								
195331R	0	0								
191296R	0	0								
191533R	0	0								
186612W	0	0								
197757W	0	0								
136114W	0	0								
187000W	0	0								
186992W	0	0								
186980W	0	0								
186987W	0	0								
186804W	0	0								
164385W	0	0								
186817W	0	0								
200156R	0	0								
186959W	-0.83407	0	-2.14894	0	0	0				
197214R	-0.72296	0	-1.45293	0	0	0				
10001L	0.20073	0	-1.07606	0	-2.65572	0	0	0		
10002F	0.20315	0	-1.01294	0	-2.62529	0	0	0		
10003V	0.30241	0	-1.16894	0	-2.83825	0	0	0		
10004P	0.20466	0	-1.09304	0	-2.62670	0	0	0		
10005G	0.16622	0	-1.04860	0	-2.74016	0	0	0		

Table H-5. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 5–6, Spring 2012

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
187978R	0.40326	0.03935	-4.83929	0.33418	0	0
187992R	0.41862	0	-2.15943	0	0	0
187973R	0.59456	0	-1.20024	0	0	0
187997R	0.39040	0	-2.09848	0	0	0
187994R	0.52126	0	-0.15851	0	0	0
188318R	0.48040	0	-1.16334	0	0	0
188337R	0.52508	0	-3.23745	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
187963R	0.59581	0	-2.21463	0	0	0
187998R	0.47775	0	-1.95124	0	0	0
189424R	0.55816	0	-0.70503	0	0	0
189405R	0.53717	0	0.09703	0	0	0
189413R	0.45645	0	-0.44699	0	0	0
189465R	0.33311	0	-0.57975	0	0	0
189818R	0.32289	0	-0.58636	0	0	0
189821R	0.37263	0	-0.43842	0	0	0
189864R	0.63070	0	-1.00386	0	0	0
189857R	0.53432	0	-0.77736	0	0	0
188893W	0.54068	0	-2.29863	0	0	0
189123W	0.58034	0	-0.69545	0	0	0
189093W	0.50111	0	-0.88921	0	0	0
188963W	0.52350	0	-0.11105	0	0	0
187888W	0.25570	0	-0.85628	0	0	0
187889W	0.46473	0	-0.55467	0	0	0
187890W	0.41384	0	1.54486	0	0	0
187893W	0.45809	0	0.74520	0	0	0
189728R	0.44723	0	-1.08757	0	0	0
189746R	0.54058	0	-1.31374	0	0	0
189737R	0.52877	0	-0.26711	0	0	0
189771R	0.57921	0	-0.72758	0	0	0
162835R	0.45578	0	-0.24262	0	0	0
162918R	0.51936	0	-0.49150	0	0	0
162840R	0.45011	0	-1.03743	0	0	0
162952R	0.43996	0	-0.26368	0	0	0

Table H-6. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 5–6, Spring 2012

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
189336W	0.85796	0	1.32849	0	0	0	3.46637	0	0.94296	0
188842W	0.96904	0	1.35355	0	0	0	3.09912	0	0.82851	0
200017R	0.85658	0	-0.92994	0	0	0	0.69730	0	-0.69730	0
188482R	0.57594	0	-1.13335	0	0	0	0.60948	0	-0.60948	0
188461R	0.65046	0	-1.56455	0	0	0	0.86270	0	-0.86270	0
189492R	0.59786	0	0.80562	0	0	0	1.11126	0	-1.11126	0
189828R	0.92551	0	-0.25658	0	0	0	0.98649	0	-0.98649	0
188665W	0.95609	0	-1.85482	0	0	0	0.76492	0	-0.76492	0
188725W	0.67888	0	-1.60870	0	0	0	1.12978	0	-1.12978	0
188852W	0.82939	0	-1.79658	0	0	0	1.03793	0	-1.03793	0
188861W	0.89116	0	-2.10231	0	0	0	0.69327	0	-0.69327	0
188875W	0.95588	0	-1.95642	0	0	0	0.97566	0	-0.97566	0
136131W	0.77853	0	-1.05362	0	0	0	0.78130	0	-0.78130	0
188849W	0.75493	0	-1.22799	0	0	0	1.06048	0	-1.06048	0
189329W	0.73726	0	-1.68932	0	0	0	1.23504	0	-1.23504	0
189319W	0.75732	0.02107	-1.66465	0.04137	0	0	1.09606	0.07973	-1.09606	0.02790
189323W	0.79104	0	-1.03599	0	0	0	1.22805	0	-1.22805	0
189749R	0.87969	0	-0.32311	0	0	0	0.43039	0	-0.43039	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
189352W	0.96956	0	1.21894	0	0	0	2.92275	0	0.50017	0
162885R	1.04185	0	1.77693	0	0	0	2.08845	0	0.31652	0
10001L	1	0	-1.57309	0	0	0	2.28164	0	1.05342	0
10002F	1	0	-1.32429	0	0	0	2.25649	0	1.02734	0
10003V	1	0	-1.26409	0	0	0	2.49655	0	1.10728	0
10004P	1	0	-1.33363	0	0	0	2.32928	0	1.09002	0
10005G	1	0	-1.15567	0	0	0	2.38620	0	1.14932	0

IABS	Parameters and Measures of Standard Error								
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)	
189336W	-1.19742	0	-3.21191	0	0	0			
188842W	-1.14409	0	-2.78353	0	0	0			
200017R	0	0							
188482R	0	0							
188461R	0	0							
189492R	0	0							
189828R	0	0							
188665W	0	0							
188725W	0	0							
188852W	0	0							
188861W	0	0							
188875W	0	0							
136131W	0	0							
188849W	0	0							
189329W	0	0							
189319W	0	0							
189323W	0	0							
189749R	0	0							
189352W	-1.17237	0	-2.25055	0	0	0			
162885R	-0.81454	0	-1.59043	0	0	0			
10001L	0.11521	0	-1.04750	0	-2.40277	0	0	0	
10002F	0.07651	0	-0.99239	0	-2.36794	0	0	0	
10003V	0.17938	0	-1.14017	0	-2.64304	0	0	0	
10004P	0.07700	0	-1.08760	0	-2.40869	0	0	0	
10005G	0.05819	0	-1.05211	0	-2.54159	0	0	0	

Table H-7. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 7–8, Spring 2012

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
193959R	0.74021	0	-1.83595	0	0	0
193982R	0.39183	0.03052	-2.22006	0.12767	0	0
193924R	0.54203	0	-1.92230	0	0	0
193940R	0.66707	0	-2.23930	0	0	0
194042R	0.70202	0	-0.90655	0	0	0
194000R	0.61813	0	-0.99337	0	0	0
194005R	0.46863	0	-1.36310	0	0	0
197084R	0.70827	0.03873	-1.08785	0.05111	0	0
194026R	0.81539	0	-1.47321	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
194858R	0.37774	0	1.05860	0	0	0
194856R	0.60924	0	-0.32913	0	0	0
194871R	0.38103	0	-0.34137	0	0	0
194889R	0.49490	0	-0.39063	0	0	0
194669R	0.56352	0	-0.43849	0	0	0
194667R	0.51092	0	-2.35640	0	0	0
194665R	0.52205	0	-0.19489	0	0	0
194682R	0.55254	0	-0.50053	0	0	0
194314W	0.55349	0	0.18015	0	0	0
194323W	0.40157	0	-0.46501	0	0	0
194349W	0.34565	0	-1.32182	0	0	0
194341W	0.56875	0	-2.15434	0	0	0
188193W	0.46365	0	-1.54081	0	0	0
188198W	0.81521	0	0.83677	0	0	0
188210W	0.40653	0	-0.61290	0	0	0
188212W	0.42029	0	0.36570	0	0	0
194732R	0.58219	0	1.15888	0	0	0
194737R	0.34077	0	0.20887	0	0	0
194740R	0.46402	0	0.26020	0	0	0
194747R	0.51103	0	-0.30505	0	0	0
194845R	0.27162	0	0.50764	0	0	0
194869R	0.33143	0	0.98087	0	0	0
194912R	0.31109	0	0.66313	0	0	0
194911R	0.50731	0	0.02964	0	0	0

Table H-8. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 7–8, Spring 2012

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
194247W	1.09536	0	0.70199	0	0	0	2.41971	0	1.05546	0
197202W	1.31285	0	0.92151	0	0	0	2.27987	0	0.71060	0
197048R	1.00747	0.03757	-0.43876	0.03221	0	0	0.41239	0.03701	-0.41239	0.03808
194103R	0.37272	0.01177	-0.90235	0.07452	0	0	1.81364	0.09528	-1.81364	0.08989
194114R	0.67479	0	-0.27962	0	0	0	1.47694	0	-1.47694	0
194890R	0.75948	0	0.02817	0	0	0	0.59824	0	-0.59824	0
199962R	0.92387	0	0.38227	0	0	0	0.45758	0	-0.45758	0
194163W	1.00846	0.04876	-2.60184	0.05470	0	0	0.41758	0.06392	-0.41758	0.04738
197187W	0.71730	0.02585	-1.53243	0.04418	0	0	0.79665	0.05901	-0.79665	0.04738
194204W	1.02870	0	-1.28439	0	0	0	0.87423	0	-0.87423	0
194196W	1.28293	0	-1.35954	0	0	0	0.54738	0	-0.54738	0
194214W	0.90967	0	-1.29072	0	0	0	0.86074	0	-0.86074	0
194225W	0.85660	0	-1.42386	0	0	0	0.83758	0	-0.83758	0
194219W	1.02234	0	-0.27154	0	0	0	0.76554	0	-0.76554	0
194278W	0.86513	0.02047	-1.66907	0.03220	0	0	0.80641	0.04749	-0.80641	0.02735
194360W	0.89665	0	-0.84604	0	0	0	1.34982	0	-1.34982	0
194379W	0.96001	0	-0.87691	0	0	0	1.24069	0	-1.24069	0
196919R	0.90506	0	1.09451	0	0	0	0.88391	0	-0.88391	0
194423W	1.17638	0	0.85869	0	0	0	1.92337	0	0.60645	0
196943R	0.45884	0	1.84248	0	0	0	3.16680	0	1.13202	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
10001L	1	0	-1.31488	0	0	0	2.33311	0	1.08084	0
10002F	1	0	-0.97405	0	0	0	2.26941	0	0.98257	0
10003V	1.43168	0	-0.76144	0.01046	0	0	2.48155	0.06118	1.00869	0.03092
10004P	1	0	-0.94991	0	0	0	2.36242	0	1.13365	0
10005G	1	0	-0.80630	0	0	0	2.39577	0	1.13618	0

IABS	Parameters and Measures of Standard Error								
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)	
194247W	-0.89810	0	-2.57707	0	0	0			
197202W	-0.87570	0	-2.11476	0	0	0			
197048R	0	0							
194103R	0	0							
194114R	0	0							
194890R	0	0							
199962R	0	0							
194163W	0	0							
197187W	0	0							
194204W	0	0							
194196W	0	0							
194214W	0	0							
194225W	0	0							
194219W	0	0							
194278W	0	0							
194360W	0	0							
194379W	0	0							
196919R	0	0							
194423W	-0.77716	0	-1.75266	0	0	0			
196943R	-1.26144	0	-3.03738	0	0	0			
10001L	0.05900	0	-1.09959	0	-2.37337	0	0	0	
10002F	0.04972	0	-0.99645	0	-2.30525	0	0	0	
10003V	-0.01148	0.02099	-1.20380	0.01472	-2.27496	0.01541	0	0	
10004P	0.04877	0	-1.14330	0	-2.40154	0	0	0	
10005G	0.02552	0	-1.08151	0	-2.47595	0	0	0	

Table H-9. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 9–12, Spring 2012

IABS	Parameters and Measures of Standard Error						
	a	SE (a)	b	SE (b)	c	SE (c)	
185091R	0.57163	0.03002	-1.87137	0.05891	0	0	
185076R	0.87005	0	-1.37604	0	0	0	
199741R	0.56262	0	-0.49134	0	0	0	
185046R	0.89578	0	-1.14671	0	0	0	
185095R	0.76634	0	-0.65428	0	0	0	
111473R	0.60500	0	-1.44798	0	0	0	
111540R	0.45158	0	-0.54324	0	0	0	
185108R	0.60073	0	-1.66474	0	0	0	
185105R	0.62901	0	-0.95433	0	0	0	
190270R	0.45249	0	-0.88272	0	0	0	
190289R	0.60658	0	-0.45147	0	0	0	

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
190294R	0.74840	0	-0.85364	0	0	0
190310R	0.29138	0	0.45566	0	0	0
190676R	0.61846	0	-0.33532	0	0	0
190682R	0.43275	0	0.00002	0	0	0
190690R	0.70241	0	-0.45905	0	0	0
190655R	0.57846	0	-0.06182	0	0	0
136677W	0.83928	0	-1.51739	0	0	0
185751W	0.80521	0	-0.48082	0	0	0
136685W	0.89759	0	-1.14483	0	0	0
185722W	0.44542	0	-0.84416	0	0	0
192532W	0.44823	0	0.33541	0	0	0
192536W	0.30209	0.01980	-0.39483	0.08064	0	0
192561W	0.59658	0	0.06389	0	0	0
192568W	0.80108	0.02737	-0.44041	0.03508	0	0
190399R	0.95789	0	-0.49673	0	0	0
190402R	0.51421	0	-0.12426	0	0	0
190413R	0.63130	0	-0.30787	0	0	0
190397R	0.40819	0	-0.55169	0	0	0
190569R	0.46004	0	-0.01443	0	0	0
190598R	0.74850	0	-0.12012	0	0	0
190605R	0.43130	0	0.79230	0	0	0
190579R	0.48162	0	-0.15517	0	0	0

Table H-10. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 9–12, Spring 2012

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
185575W	1.01183	0	0.03159	0	0	0	1.64051	0	0.67798	0
185606W	1.07007	0	0.15943	0	0	0	1.86253	0	0.85279	0
185175R	0.65142	0	-1.16099	0	0	0	0.93433	0	-0.93433	0
185172R	0.75904	0	-0.75843	0	0	0	1.05188	0	-1.05188	0
185170R	0.75944	0	-0.53804	0	0	0	0.94276	0	-0.94276	0
190341R	0.52262	0	-0.07659	0	0	0	0.50656	0	-0.50656	0
190740R	0.81635	0	-0.12268	0	0	0	1.02565	0	-1.02565	0
199851W	1.12865	0	-1.63870	0	0	0	0.59853	0	-0.59853	0
199922W	0.99420	0	-1.57987	0	0	0	0.20985	0	-0.20985	0
137306W	1.05708	0	-1.15192	0	0	0	0.80175	0	-0.80175	0
137312W	1.22965	0	-0.97815	0	0	0	0.49894	0	-0.49894	0
185499W	0.92916	0	-1.10400	0	0	0	1.07259	0	-1.07259	0
185509W	0.79761	0	-1.07756	0	0	0	0.79594	0	-0.79594	0
111308W	1.41698	0	-0.96805	0	0	0	0.80232	0	-0.80232	0
185658W	1.07364	0	-0.99872	0	0	0	0.56486	0	-0.56486	0
185802W	1.02088	0	-0.77966	0	0	0	0.79481	0	-0.79481	0
185852W	0.97135	0	-0.05372	0	0	0	0.46860	0	-0.46860	0
190425R	1.01713	0	0.85740	0	0	0	0.60634	0	-0.60634	0
185893W	1.06958	0	0.61508	0	0	0	1.87681	0	0.75471	0
190615R	1.01701	0	1.00352	0	0	0	1.57755	0	0.46723	0
10001L	1	0	-1.31918	0	0	0	2.35009	0	1.08653	0
10002F	1	0	-0.93570	0	0	0	2.35461	0	1.05040	0

continued

<i>IABS</i>	<i>Parameters and Measures of Standard Error</i>									
	<i>a</i>	<i>SE (a)</i>	<i>b</i>	<i>SE (b)</i>	<i>c</i>	<i>SE (c)</i>	<i>D0</i>	<i>SE (D0)</i>	<i>D1</i>	<i>SE (D1)</i>
10003V	1	0	-0.89229	0	0	0	2.44632	0	1.16978	0
10004P	1	0	-0.85416	0	0	0	2.50190	0	1.26345	0
10005G	1	0	-0.76411	0	0	0	2.43858	0	1.21459	0

<i>IABS</i>	<i>Parameters and Measures of Standard Error</i>							
	<i>D2</i>	<i>SE (D2)</i>	<i>D3</i>	<i>SE (D3)</i>	<i>D4</i>	<i>SE (D4)</i>	<i>D5</i>	<i>SE (D5)</i>
185575W	-0.61477	0	-1.70372	0	0	0		
185606W	-0.75920	0	-1.95612	0	0	0		
185175R	0	0						
185172R	0	0						
185170R	0	0						
190341R	0	0						
190740R	0	0						
199851W	0	0						
199922W	0	0						
137306W	0	0						
137312W	0	0						
185499W	0	0						
185509W	0	0						
111308W	0	0						
185658W	0	0						
185802W	0	0						
185852W	0	0						
190425R	0	0						
185893W	-0.69568	0	-1.93584	0	0	0		
190615R	-0.54167	0	-1.50311	0	0	0		
10001L	0.02010	0	-1.08721	0	-2.36952	0	0	0
10002F	0.04839	0	-1.05833	0	-2.39508	0	0	0
10003V	0.12188	0	-1.14822	0	-2.58976	0	0	0
10004P	0.07366	0	-1.19760	0	-2.64140	0	0	0
10005G	0.04332	0	-1.11055	0	-2.58595	0	0	0

Table H-11. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span K–2, Spring & Fall 2011

<i>IABS</i>	<i>Parameters and Measures of Standard Error</i>					
	<i>a</i>	<i>SE (a)</i>	<i>b</i>	<i>SE (b)</i>	<i>c</i>	<i>SE (c)</i>
160101R	1	0	-2.17825	0	0	0
160525R	1	0	-2.24758	0	0	0
160485R	1	0	-1.46573	0	0	0
160130R	1	0	-1.25178	0	0	0
160403R	1	0	-0.97032	0	0	0
176863R	1	0	-0.74335	0	0	0
201429R	1	0	-0.64359	0.01110	0	0
160529R	1	0	-0.48533	0	0	0
160651R	1	0	-1.62391	0	0	0
201431R	1	0	-0.61810	0.01106	0	0
160287R	1	0	-0.89918	0	0	0
160348R	1	0	-0.39047	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
160243R	1	0	-0.34277	0	0	0
164499R	1	0	-0.48237	0	0	0
164496R	1	0	-1.13911	0	0	0
169945R	1	0	-0.29779	0	0	0
160508W	1	0	-1.13196	0	0	0
160371W	1	0	-1.07272	0	0	0
160469W	1	0	-1.50752	0.01954	0	0
160550W	1	0	-1.29778	0	0	0
160276R	1	0	-1.24520	0	0	0
160647R	1	0	-0.99174	0	0	0
160411R	1	0	-1.43913	0	0	0
151994R	1	0	-0.94333	0.04224	0	0
161353R	1	0	-0.55888	0	0	0
160876R	1	0	-0.83759	0	0	0
136848R	1	0	-1.56870	0	0	0
160801R	1	0	-1.04962	0	0	0
160888R	1	0	-0.69153	0	0	0
161184R	1	0	0.14745	0	0	0
160899R	1	0	-0.11365	0	0	0
161295R	1	0	0.39014	0	0	0
161376R	1	0	0.56476	0	0	0
161289R	1	0	0.98397	0	0	0
161313W	1	0	-0.42668	0	0	0
161084W	1	0	-0.54205	0.02884	0	0
161397W	1	0	-0.12213	0	0	0
161211W	1	0	0.14474	0	0	0
161323W	1	0	-0.01814	0	0	0
160849W	1	0	0.07612	0	0	0

Table H-12. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span K–2, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
160374W	1	0	-0.37887	0	0	0	0	0	0.35825	0
160566W	1	0	-0.11608	0	0	0	0	0	0.08548	0
160261W	1	0	-0.22973	0	0	0	0	0	0.30905	0
160716W	1	0	-0.16183	0	0	0	0	0	0.26526	0
10001L	1	0	-0.98282	0	0	0	0	0	1.44855	0
10002F	1	0	-0.76635	0	0	0	0	0	1.55146	0
10003V	1	0	-0.72538	0	0	0	0	0	1.55152	0
10004P	1	0	-0.79655	0	0	0	0	0	1.33824	0
10005G	1	0	-0.62562	0	0	0	0	0	1.49674	0
160472W	1	0	-0.23406	0	0	0	0	0	0.30450	0
161410W	1	0	-0.77449	0	0	0	0	0	0.18288	0
136869W	1	0	-0.10035	0.01224	0	0	0	0	0.52773	0.02202
136854W	1	0	-0.12624	0.01255	0	0	0	0	0.49652	0.02229
160959W	1	0	0.47202	0	0	0	0	0	1.02235	0
136947W	1	0	0.55812	0	0	0	0	0	1.04260	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
10001L	1	0	-0.98282	0	0	0	0	0	1.44855	0
10002F	1	0	-0.76635	0	0	0	0	0	1.55146	0
10003V	1	0	-0.72538	0	0	0	0	0	1.55152	0
10004P	1	0	-0.79655	0	0	0	0	0	1.33824	0
10005G	1	0	-0.62562	0	0	0	0	0	1.49674	0

IABS	Parameters and Measures of Standard Error									
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)		
160374W	-0.35825	0								
160566W	-0.08548	0								
160261W	-0.30905	0								
160716W	-0.26526	0								
10001L	0.83286	0	0.30798	0	-0.77420	0	-1.81519	0		
10002F	0.77547	0	0.18334	0	-0.73521	0	-1.77506	0		
10003V	0.93157	0	0.33805	0	-0.90951	0	-1.91162	0		
10004P	1.00788	0	0.23663	0	-0.80035	0	-1.78241	0		
10005G	1.04249	0	0.06723	0	-0.77306	0	-1.83340	0		
160472W	-0.30450	0								
161410W	-0.18288	0								
136869W	-0.52773	0.01383								
136854W	-0.49652	0.01390								
160959W	0.38516	0	-1.40751	0						
136947W	0.27245	0	-1.31505	0						
10001L	0.83286	0	0.30798	0	-0.77420	0	-1.81519	0		
10002F	0.77547	0	0.18334	0	-0.73521	0	-1.77506	0		
10003V	0.93157	0	0.33805	0	-0.90951	0	-1.91162	0		
10004P	1.00788	0	0.23663	0	-0.80035	0	-1.78241	0		
10005G	1.04249	0	0.06723	0	-0.77306	0	-1.83340	0		

Table H-13. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 3–4, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
160132R	0.56130	0	-3.25318	0	0	0
135768R	0.79247	0	-3.28684	0	0	0
160776R	0.65918	0	-1.59141	0	0	0
160277R	0.75279	0	-1.26453	0	0	0
135809R	0.56852	0	-2.48848	0	0	0
135845R	0.27606	0	-1.22480	0	0	0
135789R	0.86654	0	-2.16186	0	0	0
164310R	0.67805	0	-2.51762	0	0	0
160570R	0.48524	0	-1.92516	0	0	0
164664R	0.33879	0	-0.89459	0	0	0
164669R	0.56986	0	-1.41436	0	0	0
164726R	0.61697	0	-0.98053	0	0	0
164736R	0.86340	0	-1.51103	0	0	0
160391R	0.60451	0	-1.99632	0	0	0
160588R	0.45280	0	-0.32832	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
160576R	0.72337	0	-1.08458	0	0	0
160401R	0.42134	0	-0.57466	0	0	0
160614W	0.66151	0	-1.62254	0	0	0
135854W	0.85052	0	-1.58324	0	0	0
135778W	0.54245	0	-1.63644	0	0	0
160326W	0.65974	0	-1.98520	0	0	0
135830W	0.77642	0	-1.38058	0	0	0
135792W	0.46891	0	-0.54555	0	0	0
160331W	0.62443	0	-0.93745	0	0	0
135865W	0.56218	0	-1.03954	0	0	0
160290R	0.60663	0	-0.15818	0	0	0
160297R	0.46910	0	0.86873	0	0	0
160302R	0.84996	0	-0.25792	0	0	0
160798R	0.76892	0	-0.95054	0	0	0
160150R	0.73804	0	-0.94284	0	0	0
160153R	0.53318	0	-0.59113	0	0	0
160171R	0.48530	0	-0.34301	0	0	0
160179R	0.73673	0	-1.31960	0	0	0

Table H-14. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 3–4, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
160646W	1.13148	0	0.18144	0	0	0	2.55607	0	0.69681	0
136103W	0.94821	0	0.35157	0	0	0	2.71410	0	0.72256	0
203638W	0.90176	0.03793	-2.73565	0.05274	0	0				
203642W	0.90371	0.03234	-1.88629	0.03932	0	0				
203644W	0.83849	0.02993	-0.58575	0.03034	0	0				
203646W	0.76160	0.03357	-2.94688	0.06595	0	0				
160141R	0.94918	0	-1.73554	0	0	0	0.67628	0	-0.67628	0
160366R	0.96294	0	-1.10750	0	0	0	0.58863	0	-0.58863	0
160573R	0.63120	0	-1.96476	0	0	0	1.11869	0	-1.11869	0
164760R	0.81869	0	0.43049	0	0	0	0.83429	0	-0.83429	0
160595R	1.06176	0	-0.14847	0	0	0	1.36711	0	-1.36711	0
203648W	0.91714	0.02308	-1.66454	0.02601	0	0	0.93367	0.04026	-0.93367	0.02826
203650W	1.01455	0.02592	-1.71286	0.02421	0	0	0.98002	0.03960	-0.98002	0.02648
203652W	1.03856	0.02780	-1.97091	0.02660	0	0	0.75216	0.03933	-0.75216	0.02776
203654W	0.80193	0.01992	-1.13276	0.02745	0	0	0.68632	0.03582	-0.68632	0.03054
203655W	0.82230	0.02034	-1.15947	0.02693	0	0	0.69929	0.03560	-0.69929	0.02999
203670W	0.85663	0.01418	-1.72382	0.01944	0	0	1.08185	0.03614	-1.08185	0.01725
136123W	0.81182	0.01496	-0.92761	0.02044	0	0	0.96614	0.03727	-0.96614	0.01886
160641W	0.78262	0	-0.83344	0	0	0	0.97129	0	-0.97129	0
160305R	1.00738	0	1.02042	0	0	0	1.11068	0	-1.11068	0
160273W	0.99736	0	0.40678	0	0	0	2.56330	0	0.74133	0
160723R	0.87879	0	1.76016	0	0	0	2.37358	0	0.58125	0
10001L	1	0	-1.81392	0	0	0	2.36209	0	1.16895	0
10002F	1	0	-1.55585	0	0	0	2.36725	0	1.06783	0
10003V	1	0	-1.47072	0	0	0	2.48364	0	1.22113	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
10004P	1	0	-1.60448	0	0	0	2.33869	0	1.17640	0
10005G	1	0	-1.33220	0	0	0	2.37978	0	1.24278	0

IABS	Parameters and Measures of Standard Error									
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)		
160646W	-1.10209	0	-2.15078	0	0	0	-1.10209			
136103W	-1.15482	0	-2.28184	0	0	0	-1.15482			
203638W										
203642W										
203644W										
203646W										
160141R	0	0					0			
160366R	0	0					0			
160573R	0	0					0			
164760R	0	0					0			
160595R	0	0					0			
203648W	0	0					0			
203650W	0	0					0			
203652W	0	0					0			
203654W	0	0					0			
203655W	0	0					0			
203670W	0	0					0			
136123W	0	0					0			
160641W	0	0					0			
160305R	0	0					0			
160273W	-1.02599	0	-2.27864	0	0	0	-1.02599			
160723R	-0.82756	0	-2.12726	0	0	0	-0.82756			
10001L	0.20073	0	-1.07606	0	-2.65572	0	0	0.20073		
10002F	0.20315	0	-1.01294	0	-2.62529	0	0	0.20315		
10003V	0.30241	0	-1.16894	0	-2.83825	0	0	0.30241		
10004P	0.20466	0	-1.09304	0	-2.62670	0	0	0.20466		
10005G	0.16622	0	-1.04860	0	-2.74016	0	0	0.16622		

Table H-15. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 5–6, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
111183R	0.81246	0.05336	-3.34035	0.09315	0	0
162598R	0.80006	0	-2.92219	0	0	0
162831R	0.50768	0	-1.89759	0	0	0
136033R	0.79275	0	-1.38713	0	0	0
111187R	0.89671	0	-2.16544	0	0	0
163027R	0.59111	0	-2.64961	0	0	0
163004R	0.41310	0	-3.76431	0	0	0
162836R	0.65852	0	-1.47865	0	0	0
162814R	0.46775	0	-1.93415	0	0	0
162606R	0.60109	0	-0.50243	0	0	0
163019R	0.67428	0	-1.48340	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
162616R	0.54982	0	-0.45542	0	0	0
163045R	0.68725	0	-0.24663	0	0	0
163039R	0.50017	0	-0.69331	0	0	0
163046R	0.38460	0	-0.77613	0	0	0
162621R	0.64641	0	-1.00293	0	0	0
163063R	0.47676	0	-0.56154	0	0	0
162966W	0.47611	0	-1.59657	0	0	0
163076W	0.74380	0	-2.11400	0	0	0
111016W	0.40813	0	-0.69885	0	0	0
162732W	0.60199	0	-0.66209	0	0	0
207158W	0.60499	0.02433	-0.65996	0.05475	0	0
206300W	0.87513	0.03137	-0.74370	0.04356	0	0
206302W	0.38894	0.01951	0.62229	0.04040	0	0
206304W	0.68309	0.02638	-0.73797	0.05229	0	0
111281R	0.58836	0	0.04092	0	0	0
111053R	0.66222	0	-0.19187	0	0	0
111277R	0.66241	0	-0.25533	0	0	0
111282R	1.04373	0	-0.64779	0	0	0
136301R	0.65221	0	-1.23588	0	0	0
136299R	0.61756	0	-0.24805	0	0	0
136290R	0.82685	0	-0.98803	0	0	0
136286R	0.52910	0	-0.75003	0	0	0

Table H-16. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 5–6, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
170390W	1.00471	0	0.46280	0	0	0	2.37741	0	0.74431	0
136270W	1.07057	0	0.64882	0	0	0	2.14652	0	0.91907	0
136275W	0.95835	0	0.69215	0	0	0	2.78543	0	0.81997	0
136222W	0.59314	0	-3.07715	0	0	0				
162708W	0.50106	0	-3.48920	0	0	0				
136231W	0.81129	0.05160	-3.24120	0.08804	0	0				
136211W	0.34591	0	-4.50120	0	0	0				
136077R	0.84392	0	-1.25634	0	0	0	0.83236	0	-0.83236	0
162583R	0.72594	0	-1.90343	0	0	0	0.98310	0	-0.98310	0
162844R	0.75849	0	-0.99679	0	0	0	1.07897	0	-1.07897	0
163061R	0.88218	0	-0.30200	0	0	0	1.35039	0	-1.35039	0
163065R	0.70622	0	0.53810	0	0	0	1.79954	0	-1.79954	0
136151W	0.92946	0	-1.94860	0	0	0	1.09891	0	-1.09891	0
111005W	0.64691	0.01968	-1.92116	0.04355	0	0	1.41060	0.06910	-1.41060	0.04824
162963W	0.89280	0	-1.99024	0	0	0	0.92355	0	-0.92355	0
163072W	1.17145	0	-1.27615	0	0	0	0.51460	0	-0.51460	0
136134W	0.85007	0	-1.87697	0	0	0	0.80245	0	-0.80245	0
162749W	0.89602	0	-1.76203	0	0	0	1.10996	0	-1.10996	0
111086W	0.71013	0.01543	-1.23932	0.02651	0	0	1.45045	0.06805	-1.45045	0.02401
111010W	0.72717	0.01733	-1.44611	0.03222	0	0	1.19341	0.06687	-1.19341	0.02565
111284R	0.70442	0	0.21998	0	0	0	1.32077	0	-1.32077	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
136317R	0.99372	0	1.92248	0	0	0	2.14258	0	0.63982	0
10001L	1	0	-1.57309	0	0	0	2.28164	0	1.05342	0
10002F	1	0	-1.32429	0	0	0	2.25649	0	1.02734	0
10003V	1	0	-1.26409	0	0	0	2.49655	0	1.10728	0
10004P	1	0	-1.33363	0	0	0	2.32928	0	1.09002	0
10005G	1	0	-1.15567	0	0	0	2.38620	0	1.14932	0

IABS	Parameters and Measures of Standard Error								
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)	
170390W	-0.93462	0	-2.18710	0	0	0			
136270W	-0.85219	0	-2.21341	0	0	0			
136275W	-1.13301	0	-2.47239	0	0	0			
136222W									
162708W									
136231W									
136211W									
136077R	0	0							
162583R	0	0							
162844R	0	0							
163061R	0	0							
163065R	0	0							
136151W	0	0							
111005W	0	0							
162963W	0	0							
163072W	0	0							
136134W	0	0							
162749W	0	0							
111086W	0	0							
111010W	0	0							
111284R	0	0							
136317R	-0.62576	0	-2.15665	0	0	0			
10001L	0.11521	0	-1.04750	0	-2.40277	0	0	0	
10002F	0.07651	0	-0.99239	0	-2.36794	0	0	0	
10003V	0.17938	0	-1.14017	0	-2.64304	0	0	0	
10004P	0.07700	0	-1.08760	0	-2.40869	0	0	0	
10005G	0.05819	0	-1.05211	0	-2.54159	0	0	0	

Table H-17. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 7–8, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
111484R	0.68630	0.03730	-1.57480	0.05645	0	0
111486R	0.52649	0	-3.39778	0	0	0
136169R	0.79438	0	-2.09731	0	0	0
136157R	0.64194	0	-1.90884	0	0	0
136256R	0.52347	0	-1.97211	0	0	0
162496R	0.59911	0	-1.29574	0	0	0
162692R	0.48781	0	-2.10218	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
111496R	0.60045	0	-2.43552	0	0	0
162193R	0.63842	0	-0.80917	0	0	0
111197R	0.39141	0	-0.19314	0	0	0
111201R	0.63248	0	-0.93355	0	0	0
111206R	0.46968	0	-0.47532	0	0	0
111216R	0.52738	0.01734	-0.26644	0.03833	0	0
162705R	0.55614	0	-0.67177	0	0	0
162714R	0.40822	0	-0.49394	0	0	0
162398R	0.67262	0	-0.31707	0	0	0
162724R	0.38112	0	-0.19793	0	0	0
162528W	1.18821	0	-1.77036	0	0	0
111246W	0.59614	0.01851	-0.29569	0.03530	0	0
162637W	0.50070	0	-0.66080	0	0	0
162883W	0.38578	0	-0.56856	0	0	0
206804W	0.36942	0.02512	1.59170	0.06841	0	0
206806W	0.64825	0.03331	-0.93437	0.08067	0	0
207470W	0.33124	0.02406	1.28163	0.06317	0	0
206810W	0.59992	0.03141	-0.86948	0.08182	0	0
162592R	0.41879	0	0.32225	0	0	0
162815R	0.34456	0	-0.37577	0	0	0
162822R	0.29280	0	-1.04367	0	0	0
162613R	0.42125	0	-0.85975	0	0	0
136648R	0.69252	0	-1.09959	0	0	0
172255R	0.46164	0	0.07951	0	0	0
136641R	0.71411	0	-0.09850	0	0	0
136646R	0.49987	0	0.68965	0	0	0

Table H-18. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 7–8, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
162669W	1.12271	0	0.61541	0	0	0	1.92706	0	0.87232	0
111202W	0.86654	0.01358	0.38885	0.02119	0	0	2.50512	0.06742	1.41165	0.03787
162524W	0.57255	0	-2.37809	0	0	0				
162423W	0.78132	0	-1.20914	0	0	0				
136274W	0.68636	0	-1.87700	0	0	0				
136266W	0.87186	0	-2.93106	0	0	0				
162811R	0.58114	0	-0.34938	0	0	0	1.21375	0	-1.21375	0
162699R	0.55533	0	-0.67189	0	0	0	1.28778	0	-1.28778	0
162958R	0.88471	0	-1.94708	0	0	0	0.63669	0	-0.63669	0
111507R	0.68006	0	0.50213	0	0	0	1.35243	0	-1.35243	0
162418R	0.48967	0	-0.31308	0	0	0	1.00581	0	-1.00581	0
136192W	1.15786	0.04412	-1.81476	0.03240	0	0	0.53867	0.04338	-0.53867	0.03552
162426W	0.90554	0	-1.37933	0	0	0	0.97949	0	-0.97949	0
162526W	0.96172	0	-0.86169	0	0	0	0.66414	0	-0.66414	0
136224W	1.20861	0.04336	-1.48224	0.02884	0	0	0.63441	0.04017	-0.63441	0.03373
162630W	0.98149	0	-1.43283	0	0	0	0.85492	0	-0.85492	0
162450W	1.06904	0	-1.30269	0	0	0	0.83894	0	-0.83894	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
162783W	0.96859	0	-1.43700	0	0	0	0.88147	0	-0.88147	0
162664W	1.06045	0	-0.34178	0	0	0	0.56985	0	-0.56985	0
162839R	0.89680	0	0.04642	0	0	0	0.62122	0	-0.62122	0
162898W	1.08611	0	0.22465	0	0	0	1.87003	0	0.67529	0
136680R	0.73232	0	2.50714	0	0	0	2.85183	0	0.86405	0
10001L	1	0	-1.31488	0	0	0	2.33311	0	1.08084	0
10002F	1	0	-0.97405	0	0	0	2.26941	0	0.98257	0
10003V	1	0	-0.92347	0	0	0	2.44518	0	1.13990	0
10004P	1	0	-0.94991	0	0	0	2.36242	0	1.13365	0
10005G	1	0	-0.80630	0	0	0	2.39577	0	1.13618	0

IABS	Parameters and Measures of Standard Error									
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)		
162669W	-0.75793	0	-2.04144	0	0	0				
111202W	-1.07569	0.02452	-2.84108	0.04990	0	0				
162524W										
162423W										
136274W										
136266W										
162811R	0	0								
162699R	0	0								
162958R	0	0								
111507R	0	0								
162418R	0	0								
136192W	0	0								
162426W	0	0								
162526W	0	0								
136224W	0	0								
162630W	0	0								
162450W	0	0								
162783W	0	0								
162664W	0	0								
162839R	0	0								
162898W	-0.74450	0	-1.80082	0	0	0				
136680R	-1.31934	0	-2.39654	0	0	0				
10001L	0.05900	0	-1.09959	0	-2.37337	0	0	0		
10002F	0.04972	0	-0.99645	0	-2.30525	0	0	0		
10003V	0.09306	0	-1.13885	0	-2.53929	0	0	0		
10004P	0.04877	0	-1.14330	0	-2.40154	0	0	0		
10005G	0.02552	0	-1.08151	0	-2.47595	0	0	0		

Table H-19. 2011-12 MEPA: IRT Parameters for Dichotomous Items—Grade Span 9–12, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
163345R	0.57986	0	-2.98939	0	0	0
168969R	0.63038	0	-1.67312	0	0	0
163747R	0.72350	0	-1.84491	0	0	0

continued

IABS	Parameters and Measures of Standard Error					
	a	SE (a)	b	SE (b)	c	SE (c)
163652R	0.71228	0	-1.77242	0	0	0
163749R	0.76711	0	-0.87491	0	0	0
162650R	1.09202	0	-1.62429	0	0	0
163651R	0.54397	0	-0.55487	0	0	0
136630R	0.77326	0	-0.69665	0	0	0
163003R	0.67854	0	-1.59446	0	0	0
163661R	0.59011	0	-0.50122	0	0	0
163669R	0.44130	0	-0.56090	0	0	0
163606R	0.50078	0	0.05392	0	0	0
163674R	0.45343	0	-0.40010	0	0	0
168777R	0.71796	0	-0.97113	0	0	0
168949R	0.44853	0	-1.21307	0	0	0
168947R	0.40188	0	-0.35813	0	0	0
168956R	0.60287	0	0.03021	0	0	0
111313W	0.41368	0.01367	-1.23561	0.04924	0	0
111314W	0.57381	0	-1.84793	0	0	0
163851W	0.46893	0	-0.11564	0	0	0
163693W	0.98425	0	-1.06738	0	0	0
205948W	0.40570	0.02266	-1.15133	0.09368	0	0
205950W	0.62747	0.02359	-0.02072	0.03042	0	0
205951W	0.41866	0.02113	-0.16024	0.04798	0	0
205952W	0.54581	0.02272	-0.18990	0.03842	0	0
163404R	0.45835	0	0.53485	0	0	0
163593R	0.53989	0	-0.61598	0	0	0
163386R	0.49836	0	-1.03472	0	0	0
163797R	0.53593	0	-0.36661	0	0	0
136594R	0.81392	0	-0.51453	0	0	0
136599R	0.60636	0	-0.64456	0	0	0
136596R	0.50892	0	0.24756	0	0	0
136579R	0.67911	0	0.32811	0	0	0

Table H-20. 2011-12 MEPA: IRT Parameters for Polytomous Items—Grade Span 9–12, Spring & Fall 2011

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
163875W	1.28688	0	0.07661	0	0	0	1.40926	0	0.76685	0
137336W	0.95949	0	0.25545	0	0	0	1.64785	0	0.72080	0
162982W	1.19694	0	0.47029	0	0	0	1.51841	0	0.65622	0
163431W	0.77150	0	-1.72790	0	0	0				
163832W	0.62589	0	-1.14566	0	0	0				
163613W	0.98908	0	-1.10043	0	0	0				
163683W	0.81196	0	-1.59401	0	0	0				
163371R	0.57302	0	-0.64609	0	0	0	1.43750	0	-1.43750	0
168858R	0.57517	0	-1.67709	0	0	0	1.77831	0	-1.77831	0
168982R	0.66935	0	-0.02753	0	0	0	1.44816	0	-1.44816	0
163609R	0.89597	0	0.56143	0	0	0	1.10768	0	-1.10768	0
168786R	1.20922	0	0.46447	0	0	0	0.63848	0	-0.63848	0
162915W	1.03723	0	-0.89427	0	0	0	0.92394	0	-0.92394	0

continued

IABS	Parameters and Measures of Standard Error									
	a	SE (a)	b	SE (b)	c	SE (c)	D0	SE (D0)	D1	SE (D1)
111347W	0.90301	0.02315	-0.76075	0.02395	0	0	0.60190	0.02859	-0.60190	0.02931
111329W	0.85304	0.01988	-1.50026	0.02687	0	0	1.36349	0.04589	-1.36349	0.03094
163852W	1.24163	0	-0.78620	0	0	0	0.77481	0	-0.77481	0
111440W	1.10495	0.02604	-1.09275	0.02085	0	0	1.02937	0.03042	-1.02937	0.02623
163718W	1.13912	0	-1.33706	0	0	0	1.03592	0	-1.03592	0
163623W	1.20767	0	-0.42421	0	0	0	0.50646	0	-0.50646	0
163874W	0.78968	0	-0.44535	0	0	0	0.21282	0	-0.21282	0
163420R	0.88661	0	0.66375	0	0	0	0.70294	0	-0.70294	0
136602R	0.88744	0	1.29670	0	0	0	1.97419	0	0.74739	0
10001L	1	0	-1.31918	0	0	0	2.35009	0	1.08653	0
10002F	1	0	-0.93570	0	0	0	2.35461	0	1.05040	0
10003V	1	0	-0.89229	0	0	0	2.44632	0	1.16978	0
10004P	1	0	-0.85416	0	0	0	2.50190	0	1.26345	0
10005G	1	0	-0.76411	0	0	0	2.43858	0	1.21459	0

IABS	Parameters and Measures of Standard Error									
	D2	SE (D2)	D3	SE (D3)	D4	SE (D4)	D5	SE (D5)		
163875W	-0.50180	0	-1.67432	0	0	0				
137336W	-0.48825	0	-1.88040	0	0	0				
162982W	-0.63921	0	-1.53543	0	0	0				
163431W										
163832W										
163613W										
163683W										
163371R	0	0								
168858R	0	0								
168982R	0	0								
163609R	0	0								
168786R	0	0								
162915W	0	0								
111347W	0	0								
111329W	0	0								
163852W	0	0								
111440W	0	0								
163718W	0	0								
163623W	0	0								
163874W	0	0								
163420R	0	0								
136602R	-0.63465	0	-2.08693	0	0	0				
10001L	0.02010	0	-1.08721	0	-2.36952	0	0	0		
10002F	0.04839	0	-1.05833	0	-2.39508	0	0	0		
10003V	0.12188	0	-1.14822	0	-2.58976	0	0	0		
10004P	0.07366	0	-1.19760	0	-2.64140	0	0	0		
10005G	0.04332	0	-1.11055	0	-2.58595	0	0	0		