

APPENDIX E

INTERRATER CONSISTENCY

**Table E-1. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics
by Grade – ELA**

Grade	Item Number	Number of		Percent		Correlation	Percent of Third Scores
		Score Categories	Responses Scored Twice	Exact	Adjacent		
10	309709	5	66,313	60.19	37.51	0.78	2.29
	314468	5	67,296	62.81	36.28	0.70	0.91
	304958C	4	64,941	78.95	20.74	0.69	0.51
	304958T	6	64,941	76.05	23.66	0.73	0.51
	316626	5	67,211	65.44	33.58	0.70	0.98
	292456	5	66,677	68.14	31.38	0.77	0.48

**Table E-2. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics
by Grade – Mathematics**

Grade	Item Number	Number of		Percent		Correlation	Percent of Third Scores
		Score Categories	Responses Scored Twice	Exact	Adjacent		
10	250652	2	68,970	99.15	0.85	0.98	0.00
	294526	2	68,685	98.54	1.46	0.96	0.00
	302075	5	68,929	85.77	11.40	0.93	2.83
	311219	2	68,449	99.40	0.60	0.99	0.00
	315136	2	69,002	99.13	0.87	0.98	0.00
	315126	5	68,580	84.14	15.29	0.95	0.57
	308936	5	68,306	65.02	31.34	0.80	3.64
	315477	5	68,565	89.17	10.25	0.94	0.58
	315776	5	68,240	83.10	15.69	0.94	1.21
	315483	5	68,570	87.05	12.39	0.95	0.56

**Table E-3. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics
by Grade – Science**

Grade	Item Number	Number of		Percent		Correlation	Percent of Third Scores
		Score Categories	Responses Scored Twice	Exact	Adjacent		
5	291624	5	7,186	68.30	29.20	0.87	2.52
	301143	5	6,976	78.73	20.08	0.89	1.19
	313106	5	6,938	64.74	32.00	0.77	3.26
	313138	5	6,920	69.58	28.51	0.89	1.91
8	288324	5	7,334	60.09	34.73	0.80	5.33
	304696	5	7,449	72.55	25.36	0.91	2.12
	304698	5	7,123	66.01	30.87	0.78	3.17
	313179	5	7,245	68.35	29.32	0.79	2.37

Table E-4. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics – High School Biology

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
312663	5	50,854	74.95	22.96	0.86	2.11
313459	5	50,840	75.24	24.20	0.87	0.58
279499	5	51,041	76.24	22.16	0.87	1.62
316891	5	49,482	76.60	21.57	0.92	1.84
291005	5	50,674	64.12	32.40	0.81	3.54

Table E-5. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics – High School Chemistry

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
261166	5	660	84.85	14.85	0.94	0.30
287893	5	657	67.58	29.83	0.81	2.59
281963	5	663	52.94	39.37	0.75	7.69
299726	5	665	80.15	18.20	0.91	1.65
310489	5	660	62.42	33.79	0.84	3.79

Table E-6. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics – High School Introductory Physics

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
272703	5	13,640	64.61	31.94	0.83	3.48
306931	5	13,492	74.00	24.64	0.86	1.36
301748	5	13,528	81.02	17.87	0.92	1.10
316892	5	13,445	78.19	20.28	0.90	1.52
272751	5	13,662	66.73	31.16	0.83	2.12

Table E-7. 2017 Legacy MCAS: Item-Level Interrater Consistency Statistics – High School Technology/Engineering

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
274644	5	2,342	73.83	24.25	0.89	1.92
313265	5	2,352	66.45	30.53	0.78	3.02
287870	5	2,442	66.87	30.14	0.77	2.99
310059	5	2,382	71.75	25.61	0.87	2.64
299299	5	2,409	64.09	33.33	0.75	2.62