

APPENDIX D

INTERRATER CONSISTENCY

**Table D-1. 2018 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	308234C	4	63,498	75.73	23.75	0.69	1.05
	308234T	6	63,498	68.72	30.55	0.70	1.05
	309870	5	66,250	59.95	38.01	0.76	2.05
	315010	5	67,320	60.27	37.54	0.73	2.19
	315350	5	67,325	65.42	33.72	0.72	0.86
	316592	5	66,924	61.22	37.01	0.72	1.77

**Table D-2. 2018 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	268273	2	67,845	98.73	1.27	0.97	0.00
	279337	2	68,899	98.84	1.16	0.97	0.00
	287752	5	67,860	82.07	17.10	0.94	0.83
	307696	5	68,214	89.15	10.25	0.97	0.59
	312357	2	68,793	99.10	0.90	0.98	0.00
	312359	5	68,524	74.20	24.52	0.92	1.30
	313079	5	68,469	87.22	11.67	0.95	1.11
	315128	5	68,634	84.36	15.19	0.94	0.44
	315758	2	68,838	99.28	0.72	0.98	0.00
	315778	5	67,887	90.36	8.93	0.97	0.71

**Table D-3. 2018 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		
208283	5	51,311	76.75	22.34	0.90	0.91
234806	5	51,338	72.87	24.79	0.90	2.39
289148	5	52,027	70.17	28.47	0.77	1.42
305077	5	51,851	62.29	33.51	0.77	4.44
316268	5	51,601	77.52	20.88	0.83	1.60

Table D-4. 2018 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		
244944	5	372	77.42	19.62	0.90	2.96
260796	5	394	60.15	36.29	0.81	3.55
294709	5	385	71.17	27.27	0.92	1.56
298326	5	363	74.66	23.42	0.90	1.93
299725	5	367	64.03	32.15	0.84	4.09

Table D-5. 2018 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		
316432	5	13,905	78.73	20.37	0.92	0.93
287331	5	13,906	64.81	30.94	0.81	4.29
299317	5	14,202	66.12	31.05	0.79	2.87
304741	5	14,031	64.30	33.03	0.83	2.68
306934	5	13,781	75.65	22.79	0.90	1.57

Table D-6. 2018 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		
268493	5	2,197	63.50	32.41	0.83	4.10
274663	5	2,188	79.94	19.24	0.93	0.82
290854	5	2,157	71.58	27.45	0.75	0.97
305128	5	2,182	70.90	26.86	0.83	2.29
316542	5	2,154	76.93	21.49	0.93	1.58

Table D-7. 2018 Legacy MCAS: Item-Level Interrater Consistency Statistics – Science Grade 5

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
SC281868	5	7,270	77.22	21.38	0.92	6.74
SC289354	5	7,295	82.39	16.30	0.93	6.29
SC299546	5	7,228	80.80	18.88	0.92	7.22
SC317083	5	7,371	82.39	16.80	0.93	7.00

**Table D-8. 2018 Legacy MCAS: Item-Level Interrater Consistency Statistics –
Science Grade 8**

Item Number	Number of		Percent		Correlation	Percent of Third Scores
	Score Categories	Responses Scored Twice	Exact	Adjacent		
SC288297	5	7,023	76.63	22.17	0.90	5.98
SC294112	5	7,428	70.58	26.68	0.85	5.76
SC294249	5	7,680	70.43	26.78	0.90	7.42
SC299539	5	7,475	75.92	21.47	0.88	8.49