

APPENDIX F

ITEM-LEVEL SCORE DISTRIBUTIONS

Table F-1. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items and WPs – ELA

Grade	Item Number	Total Possible Points	Percent of Students at Score Point												
			0	1	2	3	4	5	6	7	8	9	10	11	12
10	308234C	8	2.63		0.05	0.10	5.91	4.57	25.98	14.64	45.85				
	308234T	12	2.63		0.44	0.43	5.06	4.44	26.03	13.77	37.35	6.32	3.11	0.07	0.06
	309870	4	2.93	13.03	30.59	38.35	13.31								
	315010	4	1.74	7.50	25.09	44.41	20.73								
	315350	4	1.06	6.92	25.91	54.34	11.36								
	316592	4	1.28	8.66	30.53	42.91	15.69								

Table F-2. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – Mathematics

Grade	Item Number	Total Possible Points	Percent of Students at Score Point				
			0	1	2	3	4
10	268273	1	44.03	53.99			
	279337	1	28.01	71.47			
	287752	4	11.53	24.03	12.70	28.27	21.73
	307696	4	5.01	36.31	14.13	10.66	32.59
	312357	1	52.30	47.05			
	312359	4	13.11	17.01	19.55	23.45	26.08
	313079	4	2.22	32.89	21.89	15.85	26.30
	315128	4	3.50	16.10	21.51	29.70	28.52
	315758	1	35.80	63.60			
	315778	4	13.05	9.05	11.72	10.54	53.93

Table F-3. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – High School Biology

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
208283	4	12.64	28.58	25.88	20.88	10.22
234806	4	7.40	16.78	23.06	13.33	37.41
289148	4	9.42	24.34	51.65	12.54	1.08
305077	4	20.32	31.79	27.86	16.26	2.90
316268	4	6.92	9.08	49.91	26.36	6.19

Table F-4. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – High School Chemistry

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
244944	4	25.99	18.07	24.50	17.08	9.90
260796	4	10.64	18.81	39.85	17.82	12.13
294709	4	17.57	13.86	15.10	21.04	29.95
298326	4	18.56	34.65	18.07	11.88	12.38
299725	4	17.57	9.90	23.76	31.19	13.61

Table F-5. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – High School Introductory Physics

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
287331	4	10.65	11.62	27.23	37.89	10.52
299317	4	5.55	26.15	42.35	16.19	8.93
304741	4	6.79	18.35	24.02	34.14	15.02
306934	4	9.17	10.37	16.18	36.94	24.79
316432	4	9.29	22.24	23.04	24.50	18.59

Table F-6. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – High School Technology/Engineering

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
268493	4	14.22	26.94	23.68	21.13	12.85
274663	4	28.43	25.57	16.15	22.80	4.93
290854	4	18.57	49.43	23.42	5.63	0.48
305128	4	14.48	19.06	42.25	17.03	5.46
316542	4	17.52	14.26	12.90	32.44	19.81

Table F-7. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – Science Grade 5

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
SC289354	4	7.85	31.16	27.62	12.52	20.44
SC317083	4	6.94	15.40	19.05	38.55	19.29
SC281868	4	25.09	15.72	31.23	14.46	11.48
SC299546	4	11.18	29.06	27.95	25.73	5.55

Table F-8. 2018 Legacy MCAS: Item-Level Score Distributions for SR and OR Items – Science Grade 8

Item Number	Total Possible Points	Percent of Students at Score Point				
		0	1	2	3	4
SC294249	4	36.56	21.38	16.02	12.97	10.30
SC299539	4	34.81	21.12	27.69	11.15	3.55
SC288297	4	34.26	24.19	15.97	21.99	1.56
SC294112	4	4.54	16.89	30.24	24.42	20.02