

APPENDIX M

ACHIEVEMENT LEVEL SCORE DISTRIBUTIONS

Table M-1. 2017 Legacy MCAS: Achievement Level Distributions by Grade – ELA

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
10	Warning	1.66	1.54	1.52
	Needs Improvement	7.01	6.60	6.61
	Proficient	44.23	45.27	42.75
	Advanced	47.10	46.59	49.12

Table M-2. 2017 Legacy MCAS: Achievement Level Distributions by Grade – Mathematics

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
10	Warning	6.90	6.87	7.22
	Needs Improvement	14.34	15.47	13.94
	Proficient	26.40	23.90	25.58
	Advanced	52.36	53.76	53.26

Table M-3. 2017 Legacy MCAS: Achievement Level Distributions by Grade – Science

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
5	Warning	13.12	12.84	11.29
	Needs Improvement	40.00	38.96	37.34
	Proficient	29.62	31.90	35.51
	Advanced	17.26	16.30	15.86
8	Warning	18.35	17.77	17.05
	Needs Improvement	40.88	40.83	40.50
	Proficient	37.92	35.56	39.34
	Advanced	2.85	5.83	3.10

Table M-4. 2017 Legacy MCAS: Achievement Level Distributions – High School Biology

Achievement Level	Percent in Level		
	2017	2016	2015
Warning	9.77	10.21	10.54
Needs Improvement	20.06	19.57	21.36
Proficient	38.44	38.95	42.88
Advanced	31.73	31.27	25.22

Table M-5. 2017 Legacy MCAS: Achievement Level Distributions – High School Chemistry

Achievement Level	Percent in Level		
	2017	2016	2015
Warning	26.60	30.61	18.61
Needs Improvement	18.82	21.21	21.18
Proficient	31.72	25.51	35.26
Advanced	22.86	22.67	24.95

Table M-6. 2017 Legacy MCAS: Achievement Level Distributions – High School Introductory Physics

Achievement Level	Percent in Level		
	2017	2016	2015
Warning	10.30	9.86	9.20
Needs Improvement	19.20	23.56	21.89
Proficient	41.34	40.99	39.81
Advanced	29.16	25.60	29.10

Table M-7. 2017 Legacy MCAS: Achievement Level Distributions – High School Technology/Engineering

Achievement Level	Percent in Level		
	2017	2016	2015
Warning	15.51	15.76	14.95
Needs Improvement	34.72	33.82	36.78
Proficient	41.03	44.50	41.17
Advanced	8.73	5.92	7.09