

# **APPENDIX L**

## **ACHIEVEMENT LEVEL SCORE DISTRIBUTIONS**

**Table L-1. 2018 Legacy MCAS: Achievement Level Distributions by Grade – ELA**

Grade	Achievement Level	Percent in Level		
		2018	2017	2016
10	4	50.8	47.1	46.6
	3	40.2	44.2	45.3
	2	7.0	7.0	6.6
	1	2.0	1.7	1.5

**Table L-2. 2018 Legacy MCAS: Achievement Level Distributions by Grade – Mathematics**

Grade	Achievement Level	Percent in Level		
		2018	2017	2016
10	4	50.6	52.4	53.8
	3	26.8	26.4	23.9
	2	15.0	14.3	15.5
	1	7.7	6.9	6.9

**Table L-3. 2018 Legacy MCAS: Achievement Level Distributions – High School Biology**

Achievement Level	Percent in Level		
	2018	2017	2016
4	25.7	31.7	31.3
3	42.4	38.4	39.0
2	21.2	20.1	19.6
1	10.6	9.8	10.2

**Table L-4. 2018 Legacy MCAS: Achievement Level Distributions – High School Chemistry**

Achievement Level	Percent in Level		
	2018	2017	2016
4	23.2	22.9	22.7
3	22.2	31.7	25.5
2	26.0	18.8	21.2
1	28.6	26.6	30.6

**Table L-5. 2018 Legacy MCAS: Achievement Level Distributions – High School Introductory Physics**

Achievement Level	Percent in Level		
	2018	2017	2016
4	35.1	29.2	25.6
3	36.9	41.3	41.0
2	18.8	19.2	23.6
1	9.1	10.3	9.9

**Table L-6. 2018 Legacy MCAS: Achievement Level Distributions – High School Technology/Engineering**

Achievement Level	Percent in Level		
	2018	2017	2016
4	8.4	8.7	5.9
3	44.4	41.0	44.5
2	30.2	34.7	33.8
1	17.0	15.5	15.8

**Table L-7. 2018 Legacy MCAS: Achievement Level Distributions – Science Grade 5**

Achievement Level	Percent in Level		
	2018	2017	2016
4	17.9	16.3	15.9
3	30.1	31.9	35.5
2	39.9	39.0	37.3
1	12.1	12.8	11.3

**Table L-8. 2018 Legacy MCAS: Achievement Level Distributions – Science Grade 8**

Achievement Level	Percent in Level		
	2018	2017	2016
4	4.4	5.8	3.1
3	31.5	35.6	39.3
2	44.4	40.8	40.5
1	19.7	17.8	17.1