APPENDIX L

ACHIEVEMENT-LEVEL SCORE DISTRIBUTIONS

**Table L-1. 2018 Next-Generation MCAS and MCAS-Alt Technical Report:
Achievement-Level Distributions by Grade – ELA***

Grade	Achievement Level	Percent in Level
3	Not Meeting Expectations	5.9
	Partially Meeting Expectations	41.7
	Meeting Expectations	43.2
	Exceeding Expectations	9.2
4	Not Meeting Expectations	7.6
	Partially Meeting Expectations	38.9
	Meeting Expectations	43.5
	Exceeding Expectations	10.1
5	Not Meeting Expectations	6.3
	Partially Meeting Expectations	39.0
	Meeting Expectations	48.3
	Exceeding Expectations	6.5
6	Not Meeting Expectations	10.3
	Partially Meeting Expectations	38.1
	Meeting Expectations	41.0
	Exceeding Expectations	10.7
7	Not Meeting Expectations	14.2
	Partially Meeting Expectations	39.6
	Meeting Expectations	38.5
	Exceeding Expectations	7.7
8	Not Meeting Expectations	14.0
	Partially Meeting Expectations	34.3
	Meeting Expectations	41.9
	Exceeding Expectations	9.8

*This table presents distributions from the standard MCAS ELA tests. Distributions from the MCAS-Alt assessment are displayed in Table L-3

**Table L-2. 2018 Next-Generation MCAS and MCAS-Alt Technical
Report: Achievement-Level Distributions by Grade – Mathematics***

Grade	Achievement Level	Percent in Level
3	Not Meeting Expectations	10.8
	Partially Meeting Expectations	39.1
	Meeting Expectations	40.5
	Exceeding Expectations	9.6
4	Not Meeting Expectations	11.4
	Partially Meeting Expectations	40.2
	Meeting Expectations	41.3
	Exceeding Expectations	7.1
5	Not Meeting Expectations	8.7
	Partially Meeting Expectations	45.2
	Meeting Expectations	41.5
	Exceeding Expectations	4.7
6	Not Meeting Expectations	9.6
	Partially Meeting Expectations	42.4
	Meeting Expectations	41.3
	Exceeding Expectations	6.8
7	Not Meeting Expectations	12.4
	Partially Meeting Expectations	40.9
	Meeting Expectations	39.2
	Exceeding Expectations	7.6
8	Not Meeting Expectations	10.9
	Partially Meeting Expectations	38.9
	Meeting Expectations	41.9
	Exceeding Expectations	8.2

*This table presents distributions from the standard MCAS Mathematics tests. Distributions from the MCAS-Alt assessment
are displayed in Table L-4

Table L-3. 2018 Next-Generation MCAS and MCAS-Alt Technical Report:
Achievement-Level Distributions by Grade – Alt/ELA

Grade	Achievement Level	Percent in Level		
		2018	*2017*	*2016*
3	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	55.0	55.0	55.0
	Emerging	38.7	38.7	38.7
	Awareness	1.9	2.2	2.2
	Incomplete	4.4	4.1	4.1
4	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	56.0	65.5	65.5
	Emerging	36.8	29.6	29.6
	Awareness	1.8	1.8	1.8
	Incomplete	5.4	3.1	3.1
5	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	62.6	62.5	62.5
	Emerging	31.7	31.7	31.7
	Awareness	1.2	1.4	1.4
	Incomplete	4.6	4.4	4.4
6	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	58.9	62.6	62.6
	Emerging	33.5	30.5	30.5
	Awareness	1.6	1.4	1.4
	Incomplete	6.1	5.5	5.5
7	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	62.1	62.8	62.8
	Emerging	30.0	31.4	31.4
	Awareness	1.6	1.0	1.0
	Incomplete	6.3	4.8	4.8
8	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	59.7	62.4	62.4
	Emerging	32.2	30.3	30.3
	Awareness	1.9	1.9	1.9
	Incomplete	6.2	5.4	5.4
HS	Advanced	0.0	0.0	0.0
	Proficient	0.0	0.0	0.0
	Needs Improvement	0.2	0.0	0.0
	Progressing	49.9	54.2	54.2
	Emerging	36.1	34.6	34.6
	Awareness	3.0	2.2	2.2
	Incomplete	10.8	9.0	9.0

Table L-4. 2018 Next-Generation MCAS and MCAS-Alt Technical Report:
Achievement-Level Distributions by Grade – Alt/Mathematics

Grade	Achievement Level	Percent in Level		
		2018	*2017*	*2016*
3	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	79.3	79.8	79.8
	Emerging	8.1	6.5	6.5
	Awareness	1.5	1.3	1.3
	Incomplete	11.0	12.4	12.4
4	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	77.5	84.1	84.1
	Emerging	9.7	5.6	5.6
	Awareness	1.9	0.9	0.9
	Incomplete	10.9	9.4	9.4
5	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	78.0	78.3	78.3
	Emerging	7.9	7.2	7.2
	Awareness	0.7	1.1	1.1
	Incomplete	13.5	13.4	13.4
6	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	76.6	78.2	78.2
	Emerging	8.5	7.6	7.6
	Awareness	1.6	1.3	1.3
	Incomplete	13.3	12.9	12.9
7	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	78.8	78.4	78.4
	Emerging	7.2	8.9	8.9
	Awareness	1.2	1.0	1.0
	Incomplete	12.9	11.7	11.7
8	Partially Meeting Expectations	0.0	0.0	0.0
	Progressing	74.3	75.7	75.7
	Emerging	9.8	7.4	7.4
	Awareness	0.9	1.6	1.6
	Incomplete	15.0	15.3	15.3
HS	Advanced	0.1	0.0	0.0
	Proficient	0.2	0.3	0.3
	Needs Improvement	0.1	0.1	0.1
	Progressing	61.1	66.6	66.6
	Emerging	22.1	18.0	18.0
	Awareness	1.5	1.1	1.1
	Incomplete	14.9	14.0	14.0

Table L-5. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – Alt/STE

Grade	Achievement Level	Percent in Level		
		2018	*2017*	*2016*
5	Needs Improvement	0.0	0.0	0.0
	Progressing	79.4	79.6	79.6
	Emerging	11.9	12.6	12.6
	Awareness	0.5	0.3	0.3
	Incomplete	8.3	7.5	7.5
8	Needs Improvement	0.0	0.1	0.1
	Progressing	76.1	77.1	77.1
	Emerging	15.7	12.6	12.6
	Awareness	0.3	0.8	0.8
	Incomplete	7.9	9.4	9.4

Table L-6. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – High School Alt/Biology

Achievement Level	Percent in Level		
	2018	*2017*	*2016*
Advanced	0.0	0.0	0.0
Proficient	0.1	0.0	0.0
Needs Improvement	0.1	0.1	0.1
Progressing	62.5	72.0	72.0
Emerging	18.4	13.3	13.3
Awareness	1.8	0.7	0.7
Incomplete	17.1	14.0	14.0

Table L-7. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Chemistry

Achievement Level	Percent in Level		
	2018	*2017*	*2016*
Advanced	0.0	0.0	0.0
Proficient	0.0	0.0	0.0
Needs Improvement	9.7	1.3	1.3
Progressing	52.8	77.9	77.9
Emerging	18.1	3.9	3.9
Awareness	0.0	0.0	0.0
Incomplete	19.4	16.9	16.9

Table L-8. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Introductory Physics

Achievement Level	Percent in Level		
	2018	*2017*	*2016*
Advanced	0.0	0.0	0.0
Proficient	2.5	1.5	1.5
Needs Improvement	8.6	10.5	10.5
Progressing	55.6	56.7	56.7
Emerging	21.0	14.9	14.9
Awareness	2.5	3.0	3.0
Incomplete	9.9	13.4	13.4

Table L-9. 2018 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Technology/Engineering

Achievement Level	Percent in Level		
	2018	*2017*	*2016*
Advanced	0.0	0.0	0.0
Proficient	0.0	0.0	0.0
Needs Improvement	0.0	0.0	0.0
Progressing	52.1	64.5	64.5
Emerging	21.9	22.6	22.6
Awareness	2.1	2.2	2.2
Incomplete	24.0	10.8	10.8