

# **APPENDIX K**

## **ACHIEVEMENT-LEVEL SCORE DISTRIBUTIONS**

**Table K-1. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – ELA**

Grade	Achievement Level	Percent in Level
		2017
3	Not Meeting Expectations	8.76
	Partially Meeting Expectations	43.22
	Meeting Expectations	40.08
	Exceeding Expectations	7.94
4	Not Meeting Expectations	8.59
	Partially Meeting Expectations	42.41
	Meeting Expectations	41.42
	Exceeding Expectations	7.57
5	Not Meeting Expectations	8.14
	Partially Meeting Expectations	42.47
	Meeting Expectations	43.35
	Exceeding Expectations	6.04
6	Not Meeting Expectations	8.54
	Partially Meeting Expectations	40.15
	Meeting Expectations	44.06
	Exceeding Expectations	7.25
7	Not Meeting Expectations	9.45
	Partially Meeting Expectations	39.86
	Meeting Expectations	44.97
	Exceeding Expectations	5.73
8	Not Meeting Expectations	9.86
	Partially Meeting Expectations	40.03
	Meeting Expectations	42.03
	Exceeding Expectations	8.09

**Table K-2. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – Mathematics**

Grade	Achievement Level	Percent in Level 2017
3	Not Meeting Expectations	11.10
	Partially Meeting Expectations	39.14
	Meeting Expectations	42.36
	Exceeding Expectations	7.41
4	Not Meeting Expectations	11.17
	Partially Meeting Expectations	39.55
	Meeting Expectations	43.31
	Exceeding Expectations	5.98
5	Not Meeting Expectations	8.65
	Partially Meeting Expectations	44.72
	Meeting Expectations	39.43
	Exceeding Expectations	7.20
6	Not Meeting Expectations	9.89
	Partially Meeting Expectations	39.85
	Meeting Expectations	43.01
	Exceeding Expectations	7.24
7	Not Meeting Expectations	10.14
	Partially Meeting Expectations	42.52
	Meeting Expectations	38.43
	Exceeding Expectations	8.92
8	Not Meeting Expectations	9.19
	Partially Meeting Expectations	42.55
	Meeting Expectations	39.39
	Exceeding Expectations	8.87

**Table K-3. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – Alt/ELA**

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
3	14	0.00	0.34	0.00
	10	54.97	55.52	80.64
	9	38.74	38.88	6.89
	8	2.24	1.44	0.74
	7	4.06	3.82	11.73
4	14	0.00	0.00	0.24
	10	65.48	58.97	75.14
	9	29.63	36.75	19.04
	8	1.83	1.35	0.94
	7	3.07	2.94	4.64
5	14	0.00	0.08	0.00
	10	62.54	59.81	79.58
	9	31.70	33.57	5.45
	8	1.40	1.58	0.49
	7	4.36	4.96	14.48
6	14	0.00	0.09	0.00
	10	62.63	58.28	78.66
	9	30.54	35.56	4.75
	8	1.38	1.30	0.64
	7	5.45	4.77	15.94
7	14	0.00	0.25	0.00
	10	62.76	57.67	72.72
	9	31.38	34.12	16.65
	8	1.02	1.76	0.84
	7	4.84	6.20	9.79
8	14	0.09	0.00	0.00
	10	62.36	57.00	73.97
	9	30.27	34.92	5.57
	8	1.91	1.89	0.55
	7	5.36	6.19	19.91
HS	13	0.00	0.00	0.10
	12	0.00	0.00	0.00
	11	0.00	0.00	0.10
	10	54.16	46.67	61.06
	9	34.58	41.61	23.05
	8	2.23	2.18	0.83
	7	9.03	9.53	14.85

**Table K-4. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – Alt/Mathematics**

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
3	14	0.00	0.00	0.00
	10	79.75	84.42	82.50
	9	6.47	5.48	7.63

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Grade	Achievement Level	Percent in Level		
		2017	2016	2015
3	8	1.34	1.37	1.16
	7	12.44	8.73	8.71
4	14	0.08	0.00	0.31
	10	84.07	85.60	79.31
	9	5.58	6.92	7.05
	8	0.90	0.80	1.10
	7	9.36	6.68	12.23
5	14	0.00	0.08	0.00
	10	78.30	80.06	81.20
	9	7.18	6.72	6.99
	8	1.08	1.00	0.64
	7	13.44	12.13	11.16
6	14	0.00	0.00	0.15
	10	78.22	83.93	82.11
	9	7.60	7.19	5.55
	8	1.28	0.68	1.31
	7	12.89	8.21	10.87
7	14	0.00	0.41	0.16
	10	78.37	80.26	80.38
	9	8.89	6.06	7.06
	8	1.01	0.74	1.15
	7	11.73	12.53	11.25
8	14	0.00	0.09	0.18
	10	75.73	78.86	74.43
	9	7.38	10.26	7.82
	8	1.60	0.61	0.79
	7	15.29	10.18	16.78
HS	13	0.00	0.00	0.00
	12	0.30	0.29	0.10
	11	0.10	0.20	0.31
	10	66.60	70.02	62.45
	9	17.95	16.02	20.61
	8	1.10	1.37	1.43
	7	13.96	12.11	15.10

**Table K-5. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions by Grade – Alt/STE**

Grade	Achievement Level	Percent in Level		
		2017	2016	2015
5	16	0.00	0.00	0.00
	15	0.00	0.00	0.00
	14	0.00	0.00	0.00
	13	0.00	0.00	0.00
	12	0.00	0.00	0.00
	11	0.00	0.08	0.00
	10	79.60	82.87	77.97
	9	12.59	9.40	13.46
	8	0.34	0.67	0.35
	7	7.47	6.97	8.22
8	16	0.00	0.00	0.00
	15	0.00	0.00	0.00
	14	0.00	0.00	0.00
	13	0.00	0.00	0.00
	12	0.00	0.00	0.00
	11	0.09	0.00	0.19
	10	77.05	81.53	75.07
	9	12.59	12.41	13.91
	8	0.84	0.37	0.47
	7	9.42	5.69	10.36

**Table K-6. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – High School Alt/Biology**

Achievement Level	Percent in Level		
	2017	2016	2015
13	0.00	0.00	0.00
12	0.00	0.12	0.00
11	0.13	0.00	0.26
10	71.96	72.64	64.79
9	13.31	13.38	15.88
8	0.65	1.31	0.38
7	13.95	12.54	18.69

**Table K-7. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Chemistry**

Achievement Level	Percent in Level		
	2017	2016	2015
13	0.00	0.00	0.00
12	0.00	0.00	0.00
11	1.30	2.27	0.00
10	77.92	68.18	77.78
9	3.90	13.64	11.11
8	0.00	0.00	0.00
7	16.88	15.91	11.11

**Table K-8. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Introductory Physics**

Achievement Level	Percent in Level		
	2017	2016	2015
13	0.00	0.00	0.00
12	1.49	0.00	0.00
11	10.45	4.29	6.45
10	56.72	57.14	50.00
9	14.93	15.71	24.19
8	2.99	8.57	3.23
7	13.43	14.29	16.13

**Table K-9. 2017 Next-Generation MCAS and MCAS-Alt Technical Report: Achievement-Level Distributions – Alt/High School Technology/Engineering**

Achievement Level	Percent in Level		
	2017	2016	2015
13	0.00	0.00	0.00
12	0.00	0.00	0.00
11	0.00	0.00	0.00
10	64.52	64.36	76.14
9	22.58	21.78	12.50
8	2.15	2.97	2.27
7	10.75	10.89	9.09