

APPENDIX N
ACHIEVEMENT-LEVEL SCORE DISTRIBUTIONS

Table N-1. Achievement-Level Distributions by Grade—ELA¹

Grade	Achievement Level	N ³	Percent in Level			
			2021 ⁴	2019	2018	2017
3	Not Meeting Expectations	5,424	8.6	6.5	5.9	8.8
	Partially Meeting Expectations	25,098	40.0	36.6	41.7	43.2
	Meeting Expectations	26,298	41.9	46.6	43.2	40.1
	Exceeding Expectations	5,996	9.6	10.3	9.2	7.9
4	Not Meeting Expectations	7,736	12.0	7.5	7.6	8.6
	Partially Meeting Expectations	24,609	38.3	40.0	38.9	42.4
	Meeting Expectations	27,886	43.4	43.2	43.5	41.4
	Exceeding Expectations	4,047	6.3	9.3	10.1	7.6
5	Not Meeting Expectations	7,326	11.3	7.2	6.3	8.1
	Partially Meeting Expectations	26,852	41.5	40.0	39.0	42.5
	Meeting Expectations	25,393	39.3	45.5	48.3	43.4
	Exceeding Expectations	5,079	7.9	7.4	6.5	6.0
6	Not Meeting Expectations	13,885	21.2	12.2	10.3	8.5
	Partially Meeting Expectations	20,640	31.4	33.9	38.1	40.2
	Meeting Expectations	23,101	35.2	41.1	41.0	44.0
	Exceeding Expectations	8,026	12.2	12.8	10.7	7.3
7	Not Meeting Expectations	12,737	19.1	12.1	14.2	9.5
	Partially Meeting Expectations	25,021	37.5	38.8	39.6	39.9
	Meeting Expectations	24,925	37.3	40.6	38.5	45.0
	Exceeding Expectations	4,076	6.1	8.5	7.7	5.7
8	Not Meeting Expectations	11,575	17.3	12.4	14.0	9.9
	Partially Meeting Expectations	27,783	41.6	35.3	34.3	40.0
	Meeting Expectations	23,115	34.6	40.9	41.9	42.0
	Exceeding Expectations	4,325	6.5	11.4	9.8	8.1
10 ²	Not Meeting Expectations	5,354	7.7	7.0	--	--
	Partially Meeting Expectations	18,522	26.6	31.6	--	--
	Meeting Expectations	31,898	45.7	47.9	--	--
	Exceeding Expectations	13,993	20.1	13.5	--	--

¹ This table presents distributions from the standard MCAS ELA tests. Distributions from the MCAS-Alt assessment are displayed beginning with Table P-4.

² For Grade 10, only results from 2019 on are displayed because 2019 was the first year of the Next-Generation MCAS program in Grade 10.

³ These results are based on the psychometric data sample used to conduct equating, not on the whole population of students.

⁴ Testing was not conducted in 2020 due to Covid 19.

Table N-2. Achievement-Level Distributions by Grade—Mathematics¹

Grade	Achievement Level	N ³	2021 ⁴	Percent in Level		
				2019	2018	2017
3	Not Meeting Expectations	15,822	25.2	11.3	10.8	11.1
	Partially Meeting Expectations	25,715	40.9	38.8	39.1	39.1
	Meeting Expectations	17,845	28.4	40.5	40.5	42.4
	Exceeding Expectations	3,443	5.5	9.3	9.6	7.41
4	Not Meeting Expectations	14,528	22.6	10.5	11.4	11.2
	Partially Meeting Expectations	28,112	43.7	39.3	40.2	39.6
	Meeting Expectations	19,110	29.7	41.9	41.3	43.3
	Exceeding Expectations	2,572	4.0	8.3	7.1	5.98
5	Not Meeting Expectations	12,016	18.6	8.8	8.7	8.7
	Partially Meeting Expectations	30,730	47.6	42.4	45.2	44.7
	Meeting Expectations	19,222	29.8	43.3	41.5	39.4
	Exceeding Expectations	2,651	4.1	5.6	4.7	7.2
6	Not Meeting Expectations	14,159	21.6	9.1	9.6	9.9
	Partially Meeting Expectations	29,242	44.6	38.7	42.4	39.9
	Meeting Expectations	19,194	29.2	41.7	41.3	43.0
	Exceeding Expectations	3,046	4.6	10.5	6.8	7.2
7	Not Meeting Expectations	11,497	17.2	12.1	12.4	10.1
	Partially Meeting Expectations	31,782	47.6	39.8	40.9	42.5
	Meeting Expectations	19,288	28.9	37.5	39.2	38.4
	Exceeding Expectations	4,176	6.3	10.6	7.6	8.9
8	Not Meeting Expectations	13,723	20.5	11.1	10.9	9.2
	Partially Meeting Expectations	31,418	47.0	42.0	38.9	42.6
	Meeting Expectations	19,056	28.5	37.3	41.9	39.4
	Exceeding Expectations	2,651	4.0	9.6	8.2	8.9
10 ²	Not Meeting Expectations	7,266	10.5	8.3	--	--
	Partially Meeting Expectations	24,186	35.0	33.4	--	--
	Meeting Expectations	28,759	41.6	45.2	--	--
	Exceeding Expectations	8,900	12.9	13.2	--	--

¹ This table presents distributions from the standard MCAS ELA tests. Distributions from the MCAS-Alt assessment are displayed beginning with Table P-4.

² For Grade 10, only results from 2019 on are displayed because 2019 was the first year of the Next-Generation MCAS program in Grade 10.

³ These results are based on the psychometric data sample used to conduct equating, not on the whole population of students.

⁴ Testing was not conducted in 2020 due to Covid 19.

Table N-3. Achievement-Level Distributions by Grade—STE¹

Grade	Achievement Level	N ²	2021 ³	Percent in Level		
				2019	2018	2017
5	Not Meeting Expectations	11,273	17.5	10.8	--	--
	Partially Meeting Expectations	25,648	39.8	39.8	--	--
	Meeting Expectations	23,162	35.9	40.9	--	--
	Exceeding Expectations	4,376	6.8	8.5	--	--
8	Not Meeting Expectations	7,645	14.7	11.4	--	--
	Partially Meeting Expectations	22,664	43.5	41.8	--	--
	Meeting Expectations	17,563	33.7	38.5	--	--
	Exceeding Expectations	4,293	8.2	8.3	--	--

¹ This table presents distributions from the standard MCAS STE tests. Distributions from the MCAS-Alt assessment are displayed beginning with Table P-4. Only results from 2019 on are displayed because 2019 was the first year of the Next-Generation MCAS program for STE.

² These results are based on the psychometric data sample used to conduct equating, not on the whole population of students.

³ Testing was not conducted in 2020 due to Covid 19.

Table N-4. Achievement-Level Distributions by Grade—Alt/ELA

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
3	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	41.2	53.2	55.0	55.0
	Emerging	45.9	39.0	38.7	38.7
	Awareness	2.9	2.3	1.9	2.2
	Incomplete	9.9	5.4	4.4	4.1
4	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	44.7	57.9	56.0	65.5
	Emerging	44.1	36.5	36.8	30.0
	Awareness	2.5	2.1	1.8	1.8
	Incomplete	8.7	3.5	5.4	3.1
5	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	45.8	56.9	62.6	62.5
	Emerging	41.5	36.2	31.7	31.7
	Awareness	2.0	2.2	1.2	1.4
	Incomplete	10.7	4.8	4.6	4.4
6	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	43.5	54.9	58.9	62.7
	Emerging	41.8	37.1	33.5	30.5
	Awareness	2.5	1.8	1.6	1.4
	Incomplete	12.3	6.3	6.1	5.5
7	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	42.2	56.3	62.1	62.8
	Emerging	41.2	34.2	30.0	31.4
	Awareness	2.0	1.7	1.6	1.0
	Incomplete	14.6	7.8	6.3	4.9
8	Partially Meeting Expectations	0.0	0.0	0.0	0.1
	Progressing	46.7	57.5	59.7	62.4
	Emerging	34.9	35.3	32.2	30.3
	Awareness	2.0	2.0	1.9	1.9
	Incomplete	16.4	5.2	6.2	5.4
10	Advanced	0.0	0.0	0.0	0.0
	Proficient	0.0	0.0	0.0	0.0
	Needs Improvement	0.0	0.0	0.2	0.0
	Progressing	45.3	55.1	49.9	54.2
	Emerging	40.1	35.9	36.1	34.6
	Awareness	1.7	1.3	3.0	2.2
	Incomplete	12.9	7.7	10.8	9.0

¹ Testing was not conducted in 2020 due to Covid 19.



Table N-5. Achievement-Level Distributions by Grade—Alt/Mathematics

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
3	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	69.1	77.6	79.3	79.8
	Emerging	9.4	9.0	8.1	6.5
	Awareness	1.1	2.2	1.5	1.3
	Incomplete	20.2	11.2	11.0	12.4
4	Partially Meeting Expectations	0.0	0.0	0.0	0.1
	Progressing	70.9	78.8	77.5	84.1
	Emerging	11.6	8.4	9.7	5.6
	Awareness	2.3	2.3	1.9	0.9
	Incomplete	15.2	10.6	10.9	9.4
5	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	71.5	77.1	78.0	78.3
	Emerging	9.9	9.6	7.9	7.2
	Awareness	1.9	1.6	0.7	1.1
	Incomplete	16.8	11.7	13.5	13.4
6	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	69.9	81.0	76.6	78.2
	Emerging	10.3	7.0	8.5	7.6
	Awareness	2.9	1.6	1.6	1.3
	Incomplete	16.8	10.4	13.3	12.9
7	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	67.1	75.2	78.8	78.4
	Emerging	7.6	8.9	7.2	8.9
	Awareness	2.8	1.3	1.2	1.1
	Incomplete	22.5	14.6	12.9	11.7
8	Partially Meeting Expectations	0.0	0.0	0.0	0.0
	Progressing	67.3	75.8	74.3	75.7
	Emerging	6.8	8.9	9.8	7.4
	Awareness	1.8	1.1	0.9	1.6
	Incomplete	24.1	14.3	15.0	15.3
10	Advanced	0.0	0.0	0.1	0.0
	Proficient	0.0	0.1	0.2	0.3
	Needs Improvement	0.0	0.1	0.1	0.1
	Progressing	65.5	71.8	61.1	66.6
	Emerging	17.6	17.3	22.1	18.0
	Awareness	1.9	0.7	1.5	1.1
	Incomplete	14.9	10.1	14.9	14.0

¹ Testing was not conducted in 2020 due to Covid 19.

Table N-6. Achievement-Level Distributions by Grade—Alt/STE

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
5	Needs Improvement	0.0	0.0	0.0	0.0
	Progressing	56.9	64.8	79.4	79.6
	Emerging	22.0	22.5	11.9	12.6
	Awareness	3.7	2.8	0.5	0.3
	Incomplete	17.5	9.9	8.3	7.5
8	Needs Improvement	0.0	0.0	0.0	0.1
	Progressing	56.9	70.2	76.1	77.1
	Emerging	16.4	16.1	15.7	12.6
	Awareness	3.4	2.4	0.3	0.8
	Incomplete	23.3	11.3	7.9	9.4

¹ Testing was not conducted in 2020 due to Covid 19.

Table N-7. Achievement-Level Distributions—Alt/Biology

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
HS	Advanced	0.0	0.0	0.0	0.0
	Proficient	0.0	0.0	0.1	0.0
	Needs Improvement	0.0	0.0	0.1	0.1
	Progressing	45.2	74.8	62.5	72.0
	Emerging	24.2	13.8	18.4	13.3
	Awareness	4.8	0.7	1.8	0.7
	Incomplete	25.8	10.7	17.1	14.0

¹ Testing was not conducted in 2020 due to Covid 19.

Table N-8. Achievement-Level Distributions—Alt/Chemistry

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
HS	Advanced	0.00	0.0	0.0	0.0
	Proficient	0.00	0.0	0.0	0.0
	Needs Improvement	0.00	1.8	9.7	1.3
	Progressing	77.8	76.4	52.8	77.9
	Emerging	0.00	5.5	18.1	3.9
	Awareness	0.00	0.0	0.0	0.0
	Incomplete	22.2	16.4	19.4	16.9

¹ Testing was not conducted in 2020 due to Covid 19.

Table N-9. Achievement-Level Distributions—Alt/Introductory Physics

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
HS	Advanced	0.00	0.0	0.0	0.0
	Proficient	0.00	0.0	2.5	1.5
	Needs Improvement	0.00	2.7	8.6	10.5
	Progressing	40.0	72.6	55.6	56.7
	Emerging	0.00	13.7	21.0	14.9
	Awareness	0.00	2.7	2.5	3.0
	Incomplete	60.0	8.2	9.9	13.4

¹ Testing was not conducted in 2020 due to Covid 19.

Table N-10. Achievement-Level Distributions—Alt/Technology/Engineering

Grade	Achievement Level	Percent in Level			
		2021 ¹	2019	2018	2017
HS	Advanced	0.00	0.0	0.0	0.0
	Proficient	0.00	0.0	0.0	0.0
	Needs Improvement	0.00	0.0	0.0	0.0
	Progressing	64.3	73.8	52.1	64.5
	Emerging	16.7	15.0	21.9	22.6
	Awareness	2.4	0.0	2.1	2.2
	Incomplete	16.7	11.2	24.0	10.8

¹ Testing was not conducted in 2020 due to Covid 19.