APPENDIX N
ACHIEVEMENT-LEVEL SCORE DISTRIBUTIONS

Table N-1. Achievement-Level Distributions by Grade—ELA[1]

Grade	Achievement Level	Number of Students[2]	Percent in Level			
			2023	2022	2021[3]	2019
3	Not Meeting Expectations	9,478	15	14	9	7
	Partially Meeting Expectations	25,627	41	42	40	37
	Meeting Expectations	23,662	37	38	42	47
	Exceeding Expectations	4,487	7	6	10	10
4	Not Meeting Expectations	10,379	16	15	12	8
	Partially Meeting Expectations	28,231	44	46	38	40
	Meeting Expectations	22,510	35	35	43	43
	Exceeding Expectations	3,521	5	4	6	9
5	Not Meeting Expectations	9,708	15	12	11	7
	Partially Meeting Expectations	26,351	41	47	42	40
	Meeting Expectations	25,350	39	36	39	46
	Exceeding Expectations	3,363	5	5	8	7
6	Not Meeting Expectations	14,845	23	21	21	12
	Partially Meeting Expectations	22,737	35	37	31	34
	Meeting Expectations	22,786	35	34	35	41
	Exceeding Expectations	5,370	8	8	12	13
7	Not Meeting Expectations	11,974	18	18	19	12
	Partially Meeting Expectations	26,875	41	40	38	39
	Meeting Expectations	21,768	33	36	37	41
	Exceeding Expectations	5,183	8	5	6	9
8	Not Meeting Expectations	14,432	21	17	17	12
	Partially Meeting Expectations	23,289	34	40	42	35
	Meeting Expectations	23,042	34	36	35	41
	Exceeding Expectations	6,796	10	7	7	11
10	Not Meeting Expectations	7,235	10	7	8	7
	Partially Meeting Expectations	21,466	31	35	27	32
	Meeting Expectations	30,265	43	50	46	48
	Exceeding Expectations	10,841	16	9	20	14

[1] This table presents distributions from the standard MCAS ELA tests. Distributions from the MCAS-Alt assessment are displayed in Table N-6.

[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-2. Achievement-Level Distributions by Grade—Mathematics[1]

Grade	Achievement Level	Number of Students[2]	Percent in Level			
			2023	2022	2021[3]	2019
3	Not Meeting Expectations	11,818	19	19	25	11
	Partially Meeting Expectations	25,556	40	40	41	39
	Meeting Expectations	21,416	34	35	28	41
	Exceeding Expectations	5,063	8	6	6	9
4	Not Meeting Expectations	10,621	16	16	23	11
	Partially Meeting Expectations	24,864	38	41	44	39
	Meeting Expectations	24,122	37	37	30	42
	Exceeding Expectations	5,514	8	6	4	8
5	Not Meeting Expectations	7,717	12	15	19	9
	Partially Meeting Expectations	30,782	47	49	48	42
	Meeting Expectations	23,496	36	33	30	43
	Exceeding Expectations	3,434	5	4	4	6
6	Not Meeting Expectations	10,812	16	14	22	9
	Partially Meeting Expectations	27,958	42	44	45	39
	Meeting Expectations	23,072	35	37	29	42
	Exceeding Expectations	4,369	7	5	5	11
7	Not Meeting Expectations	14,026	21	18	17	12
	Partially Meeting Expectations	26,619	40	45	48	40
	Meeting Expectations	20,385	31	31	29	38
	Exceeding Expectations	5,080	8	7	6	11
8	Not Meeting Expectations	13,030	19	16	21	11
	Partially Meeting Expectations	28,977	43	47	47	42
	Meeting Expectations	20,727	31	30	29	37
	Exceeding Expectations	5,122	8	7	4	10
10	Not Meeting Expectations	5,330	8	9	11	8
	Partially Meeting Expectations	29,867	43	41	35	33
	Meeting Expectations	27,933	40	39	42	45
	Exceeding Expectations	7,039	10	11	13	13

[1] This table presents distributions from the standard MCAS Mathematics tests. Distributions from the MCAS-Alt assessment are displayed in Table N-7.
[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-3. Achievement-Level Distributions by Grade—STE[1]

Grade	Achievement Level	Number of Students[2]	Percent in Level			
			2023	2022	2021[3]	2019
5	Not Meeting Expectations	11,398	18	17	18	11
	Partially Meeting Expectations	26,245	40	40	40	40
	Meeting Expectations	21,820	34	36	36	41
	Exceeding Expectations	5,474	8	7	7	9
8	Not Meeting Expectations	12,074	18	17	15	11
	Partially Meeting Expectations	27,565	41	41	44	42
	Meeting Expectations	23,866	35	37	34	39
	Exceeding Expectations	3,967	6	6	8	8

[1] This table presents distributions from the standard MCAS STE tests. Distributions from the MCAS-Alt assessment are displayed beginning with Table N-8.
[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—Biology

Grade	Achievement Level	Number of Students	2023	2022	2021[1]	2019
				Percent in Level		
HS	Not Meeting Expectations	8,410	15	15	--	--
	Partially Meeting Expectations	20,285	37	40	--	--
	Meeting Expectations	20,547	37	34	--	--
	Exceeding Expectations	5,796	11	11	--	--

[1] 2022 was the first year Biology was administered as a Next-Generation MCAS test.

Table N-5. Achievement-Level Distributions by Grade—Introductory Physics

Grade	Achievement Level	Number of Students	2023	2022	2021[1]	2019
				Percent in Level		
HS	Not Meeting Expectations	1,684	12	10	--	--
	Partially Meeting Expectations	5,173	37	41	--	--
	Meeting Expectations	5,016	36	37	--	--
	Exceeding Expectations	2,217	16	12	--	--

[1] 2022 was the first year Introductory Physics was administered as a Next-Generation MCAS test.

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

Grade	Achievement Level	Percent in Level			
		2023	2022	2021[1]	2019
3	Partially Meeting Expectations	0	0	0	0
	Progressing	41	40	41	53
	Emerging	50	48	46	39
	Awareness	3	4	3	2
	Incomplete	6	8	10	5
4	Partially Meeting Expectations	0	0	0	0
	Progressing	48	47	45	58
	Emerging	43	45	44	37
	Awareness	3	3	3	2
	Incomplete	5	5	9	4
5	Partially Meeting Expectations	0	0	0	0
	Progressing	49	46	46	57
	Emerging	44	42	42	36
	Awareness	2	2	2	2
	Incomplete	5	9	11	5
6	Partially Meeting Expectations	0	0	0	0
	Progressing	49	46	44	55
	Emerging	43	45	42	37
	Awareness	2	2	3	2
	Incomplete	7	8	12	6
7	Partially Meeting Expectations	0	0	0	0
	Progressing	46	48	42	56
	Emerging	41	41	41	34
	Awareness	4	3	2	2
	Incomplete	9	8	15	8
8	Partially Meeting Expectations	0	0	0	0
	Progressing	52	47	47	58
	Emerging	37	42	35	35
	Awareness	3	3	2	2
	Incomplete	8	8	16	5
10	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	0
	Progressing	48	48	45	55
	Emerging	38	38	40	36
	Awareness	3	2	2	1
	Incomplete	11	12	13	8

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

Table N-7. Achievement-Level Distributions by Grade—Alt/Mathematics

Grade	Achievement Level	Percent in Level			
		2023	**2022**	**2021[1]**	**2019**
3	Partially Meeting Expectations	0	0	0	0
	Progressing	69	68	69	78
	Emerging	11	11	9	9
	Awareness	2	2	1	2
	Incomplete	18	19	20	11
4	Partially Meeting Expectations	0	0	0	0
	Progressing	69	72	71	79
	Emerging	12	10	12	8
	Awareness	2	1	2	2
	Incomplete	17	16	15	11
5	Partially Meeting Expectations	0	0	0	0
	Progressing	75	68	72	77
	Emerging	10	10	10	10
	Awareness	2	2	2	2
	Incomplete	13	20	17	12
6	Partially Meeting Expectations	0	0	0	0
	Progressing	70	71	70	81
	Emerging	14	12	10	7
	Awareness	2	2	3	2
	Incomplete	13	15	17	10
7	Partially Meeting Expectations	0	0	0	0
	Progressing	68	71	67	75
	Emerging	11	11	8	9
	Awareness	3	2	3	1
	Incomplete	19	16	23	15
8	Partially Meeting Expectations	0	0	0	0
	Progressing	68	68	67	76
	Emerging	10	13	7	9
	Awareness	3	3	2	1
	Incomplete	18	17	24	14
10	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	0
	Progressing	63	66	66	72
	Emerging	23	22	18	17
	Awareness	2	2	2	1
	Incomplete	13	11	15	10

[1] *Testing was not conducted in 2020 due to Covid-19.*

Table N-8. Achievement-Level Distributions by Grade—Alt/STE

Grade	Achievement Level	Percent in Level			
		2023	2022	2021[1]	2019
5	Needs Improvement	0	0	0	0
	Progressing	70	61	57	65
	Emerging	18	22	22	23
	Awareness	4	4	4	3
	Incomplete	7	12	18	10
8	Needs Improvement	0	0	0	0
	Progressing	67	65	57	70
	Emerging	19	19	16	16
	Awareness	4	5	3	2
	Incomplete	10	12	23	11

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

Table N-9 Achievement-Level Distributions—Alt/Biology

Grade	Achievement Level	Percent in Level			
		2023	2022	2021[1]	2019
HS	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	0
	Progressing	63	60	45	75
	Emerging	15	19	24	14
	Awareness	3	5	5	1
	Incomplete	19	16	26	11

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

Table N-10. Achievement-Level Distributions—Alt/Chemistry

Grade	Achievement Level	Percent in Level			
		2023	2022	2021[1]	2019
HS	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	2
	Progressing	84	78	78	76
	Emerging	9	8	0	6
	Awareness	0	0	0	0
	Incomplete	7	14	22	16

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

Table N-11. Achievement-Level Distributions—Alt/Introductory Physics

Grade	Achievement Level	Percent in Level			
		2023	2022	2021[1]	2019
HS	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	3
	Progressing	70	53	40	73
	Emerging	19	26	0	14
	Awareness	6	11	0	3
	Incomplete	5	10	60	8

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

Table N-12. Achievement-Level Distributions—Alt/Technology/Engineering

Grade	Achievement Level	Percent in Level			
		2023	**2022**	**2021[1]**	**2019**
HS	Advanced	0	0	0	0
	Proficient	0	0	0	0
	Needs Improvement	0	0	0	0
	Progressing	72	79	64	74
	Emerging	16	11	17	15
	Awareness	1	1	2	0
	Incomplete	10	10	17	11

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