

APPENDIX B

PARTICIPATION RATES

Table B-1. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – English Language Arts, Grade 10

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	69,365	902	100.00	100.00
Economically Disadvantaged	20,417	502	29.43	55.65
African American	5,980	138	8.62	15.30
Asian	4,444	39	6.41	4.32
Hispanic	11,478	224	16.55	24.83
Multi	1,981	18	2.86	2.00
Native American	149	3	0.21	0.33
Pacific Islander/Hawaiian	58	3	0.08	0.33
White	45,275	477	65.27	52.88
Female	34,423	291	49.63	32.26
Male	34,926	611	50.35	67.74
Limited English Proficient	3,288	87	4.74	9.65
Former LEP	2,051	19	2.96	2.11
LEPFLEP	5,287	106	7.62	11.75
Plan504	4,946	7	7.13	0.78
Special Education	11,143	902	16.06	100.00
Title 1	16,834	247	24.27	27.38

Table B-2. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – Mathematics, Grade 10

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	69,429	910	100.00	100.00
Economically Disadvantaged	20,454	508	29.46	55.82
African American	6,017	142	8.67	15.60
Asian	4,451	35	6.41	3.85
Hispanic	11,531	223	16.61	24.51
Multi	1,978	18	2.85	1.98
Native American	151	3	0.22	0.33
Pacific Islander/Hawaiian	59	3	0.08	0.33
White	45,242	486	65.16	53.41
Female	34,384	297	49.52	32.64
Male	35,030	613	50.45	67.36
Limited English Proficient	3,332	84	4.80	9.23
Former LEP	2,058	21	2.96	2.31
LEPFLEP	5,337	105	7.69	11.54
Plan504	4,941	7	7.12	0.77
Special Education	11,214	910	16.15	100.00
Title 1	16,866	248	24.29	27.25

Table B-3. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – Science and Technology/Engineering, Grades 5 and 8

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	139,096	2,257.00	100.00	100.00
Economically Disadvantaged	45,060	1,304.00	32.39	57.78
African American	11,745	327.00	8.44	14.49
Asian	9,144	125.00	6.57	5.54
Hispanic	25,800	591.00	18.55	26.19
Multi	4,645	62.00	3.34	2.75
Native American	307	7.00	0.22	0.31
Pacific Islander/Hawaiian	111	5.00	0.08	0.22
White	87,302	1,139.00	62.76	50.47
Female	68,097	713.00	48.96	31.59
Male	70,980	1,544.00	51.03	68.41
Limited English Proficient	9,011	241.00	6.48	10.68
Former LEP	6,538	52.00	4.70	2.30
LEPFLEP	15,250	291.00	10.96	12.89
Plan504	9,598	18.00	6.90	0.80
Special Education	25,038	2,257.00	18.00	100.00
Title 1	48,608	978.00	34.95	43.33

Table B-4. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – High School Biology

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	52,729	702	100.00	100.00
Economically Disadvantaged	15,890	373	30.14	53.13
African American	4,402	112	8.35	15.95
Asian	3,357	28	6.37	3.99
Hispanic	8,898	169	16.87	24.07
Multi	1,472	16	2.79	2.28
Native American	109	1	0.21	0.14
Pacific Islander/Hawaiian	45	2	0.09	0.28
White	34,373	373	65.19	53.13
Female	26,575	232	50.40	33.05
Male	26,133	470	49.56	66.95
Limited English Proficient	2,771	69	5.26	9.83
Former LEP	1,280	11	2.43	1.57
LEPFLEP	4,012	80	7.61	11.40
Plan504	3,598	6	6.82	0.85
Special Education	8,433	702	15.99	100.00
Title 1	12,507	168	23.72	23.93

Table B-5. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – High School Chemistry

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	705	64	100.00	100.00
Economically Disadvantaged	217	35	30.78	54.69
African American	135	10	19.15	15.63
Asian	77	4	10.92	6.25
Hispanic	97	18	13.76	28.13
Multi	37	1	5.25	1.56
Native American	1	0	0.14	0.00
Pacific Islander/Hawaiian	0	0	0.00	0.00
White	356	31	50.50	48.44
Female	391	28	55.46	43.75
Male	313	36	44.40	56.25
Limited English Proficient	60	7	8.51	10.94
Former LEP	15	2	2.13	3.13
LEPFLEP	74	9	10.50	14.06
Plan504	34	0	4.82	0.00
Special Education	61	64	8.65	100.00
Title 1	55	20	7.80	31.25

Table B-6. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – High School Introductory Physics

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	14,126	52	100.00	100.00
Economically Disadvantaged	3,891	23	27.54	44.23
African American	1,563	9	11.06	17.31
Asian	952	4	6.74	7.69
Hispanic	2,358	11	16.69	21.15
Multi	458	2	3.24	3.85
Native American	40	0	0.28	0.00
Pacific Islander/Hawaiian	8	0	0.06	0.00
White	8,736	26	61.84	50.00
Female	6,821	10	48.29	19.23
Male	7,298	42	51.66	80.77
Limited English Proficient	984	5	6.97	9.62
Former LEP	282	2	2.00	3.85
LEPFLEP	1,218	6	8.62	11.54
Plan504	1,046	0	7.40	0.00
Special Education	2,368	52	16.76	100.00
Title 1	3,274	16	23.18	30.77

Table B-7. 2017 Legacy MCAS: Summary of Participation by Student Subgroup – High School Technology/Engineering

Description	Number Tested		Percent Tested	
	MCAS	MCAS-Alt	MCAS	MCAS-Alt
All Students	2,519	82	100.00	100.00
Economically Disadvantaged	1,049	49	41.64	59.76
African American	228	8	9.05	9.76
Asian	71	4	2.82	4.88
Hispanic	497	19	19.73	23.17
Multi	69	1	2.74	1.22
Native American	8	0	0.32	0.00
Pacific Islander/Hawaiian	1	1	0.04	1.22
White	1,645	49	65.30	59.76
Female	927	27	36.80	32.93
Male	1,592	55	63.20	67.07
Limited English Proficient	142	4	5.64	4.88
Former LEP	61	4	2.42	4.88
LEPFLEP	196	8	7.78	9.76
Plan504	190	0	7.54	0.00
Special Education	684	82	27.15	100.00
Title 1	1,331	21	52.84	25.61