

Appendix C

Distribution of Scale Scores and Achievement Levels by Subgroup

Distribution of Scale Scores and Achievement Levels by Subgroup

Table C-1. Combined Mean and Standard Deviation of Scale Scores by Subgroup

Group	Grade 5			Grade 8			Grade 11		
	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>
All Students	14,505	50.16	18.85	14,052	51.50	17.09	12,797	55.89	15.99
Female	6,975	50.20	17.96	6,685	52.04	16.20	6,073	56.01	14.78
Male	7,336	50.03	19.58	7,143	50.99	17.78	6,502	55.85	17.02
African American	891	39.99	16.15	945	41.49	14.70	785	47.03	12.70
American Indian/Alaskan Native	84	40.62	17.92	76	39.18	14.41	55	48.55	11.80
Asian	439	53.92	18.35	346	56.58	17.97	392	60.99	15.94
Hispanic	2,689	41.40	16.88	2,459	43.70	14.84	2,067	48.29	13.36
Multi-Racial	632	49.54	19.29	582	51.01	18.21	387	55.05	16.42
Pacific Islander	24	42.34	17.65	51	49.83	15.72	23	55.79	13.75
White	9,746	53.48	18.45	9,593	54.44	16.71	9,088	58.25	15.97
Limited English Proficiency	1,258	33.47	13.05	901	34.28	10.99	624	40.96	9.56
Special Education	2,388	35.03	15.70	2,154	37.66	13.29	1,507	43.81	11.55
Economically Disadvantaged	5,513	41.69	16.71	4,691	43.85	14.96	3,557	49.12	13.45

Table C-2. Combined Percentage of Achievement Level by Subgroup

Group	Grade 5					Grade 8					Grade 11				
	N	L1	L2	L3	L4	N	L1	L2	L3	L4	N	L1	L2	L3	L4
All Students	14,505	0.26	0.42	0.19	0.13	14,052	0.23	0.45	0.22	0.10	12,797	0.08	0.54	0.20	0.18
Female	6,975	0.24	0.45	0.19	0.12	6,685	0.20	0.48	0.22	0.10	6,073	0.06	0.56	0.22	0.16
Male	7,336	0.27	0.40	0.19	0.14	7,143	0.25	0.43	0.22	0.11	6,502	0.09	0.53	0.19	0.19
African American	891	0.46	0.41	0.09	0.04	945	0.43	0.46	0.09	0.02	785	0.15	0.70	0.11	0.04
American Indian/Alaskan Native	84	0.45	0.44	0.02	0.08	76	0.53	0.34	0.12	0.01	55	0.13	0.75	0.07	0.05
Asian	439	0.18	0.44	0.19	0.19	346	0.15	0.45	0.23	0.17	392	0.04	0.45	0.26	0.26
Hispanic	2,689	0.42	0.43	0.10	0.05	2,459	0.38	0.47	0.12	0.03	2,067	0.14	0.68	0.12	0.06
Multi-Racial	632	0.28	0.41	0.18	0.13	582	0.25	0.44	0.20	0.11	387	0.09	0.54	0.21	0.15
Pacific Islander	24	0.38	0.38	0.21	0.04	51	0.27	0.45	0.20	0.08	23	-	0.61	0.22	0.17
White	9,746	0.19	0.42	0.22	0.16	9,593	0.17	0.45	0.26	0.13	9,088	0.06	0.50	0.23	0.21
Limited English Proficiency	1,258	0.64	0.33	0.03	0.01	901	0.67	0.31	0.02	0.00	624	0.25	0.72	0.02	0.01
Special Education	2,388	0.60	0.32	0.05	0.02	2,154	0.55	0.38	0.05	0.01	1,507	0.20	0.72	0.05	0.03
Economically Disadvantaged	5,513	0.42	0.43	0.11	0.04	4,691	0.37	0.47	0.12	0.03	3,557	0.13	0.67	0.14	0.06

Table C-3. Mean and Standard Deviation of Scale Scores by Subgroup, Rhode Island

Group	Grade 5			Grade 8			Grade 11		
	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>
All Students	9,231	49.27	18.97	8,715	50.70	17.13	8,173	55.29	15.75
Female	4,515	49.36	18.12	4,198	51.26	16.35	4,006	55.45	14.65
Male	4,702	49.23	19.75	4,505	50.22	17.79	4,154	55.16	16.75
African American	755	40.07	16.34	789	41.33	14.36	686	47.10	12.56
American Indian/Alaskan Native	66	37.58	16.21	64	38.47	13.74	42	46.69	11.15
Asian	314	55.33	18.72	236	56.98	18.19	274	61.02	16.02
Hispanic	2,564	40.81	16.59	2,328	43.19	14.44	1,947	47.70	12.88
Multi-Racial	461	48.87	19.25	418	50.77	18.56	277	54.00	15.50
Pacific Islander	18	42.73	16.84	15	48.17	14.11	18	54.39	13.47
White	5,053	54.77	18.29	4,865	55.68	16.55	4,929	59.26	15.63
Limited English Proficiency	1,133	32.35	12.17	826	33.74	10.44	591	40.64	9.30
Special Education	1,393	33.13	14.81	1,224	37.06	12.80	941	43.43	11.38
Economically Disadvantaged	4,170	40.68	16.38	3,516	42.69	14.58	2,812	48.31	12.96

Table C-4. Percentage of Achievement Level by Subgroup, Rhode Island

Group	Grade 5					Grade 8					Grade 11				
	N	L1	L2	L3	L4	N	L1	L2	L3	L4	N	L1	L2	L3	L4
All Students	9,231	0.28	0.42	0.18	0.13	8,715	0.24	0.45	0.21	0.10	8,173	0.08	0.56	0.19	0.16
Female	4,515	0.26	0.45	0.18	0.11	4,198	0.22	0.48	0.21	0.09	4,006	0.06	0.58	0.21	0.15
Male	4,702	0.29	0.39	0.17	0.14	4,505	0.27	0.42	0.21	0.10	4,154	0.10	0.55	0.18	0.18
African American	755	0.46	0.41	0.09	0.04	789	0.43	0.46	0.09	0.02	686	0.15	0.70	0.11	0.04
American Indian/Alaskan Native	66	0.50	0.42	0.03	0.05	64	0.53	0.36	0.11	-	42	0.14	0.79	0.02	0.05
Asian	314	0.16	0.43	0.20	0.21	236	0.14	0.46	0.22	0.19	274	0.03	0.46	0.24	0.26
Hispanic	2,564	0.43	0.43	0.10	0.04	2,328	0.39	0.47	0.12	0.03	1,947	0.15	0.69	0.11	0.05
Multi-Racial	461	0.29	0.41	0.17	0.13	418	0.27	0.41	0.20	0.11	277	0.10	0.55	0.21	0.14
Pacific Islander	18	0.39	0.39	0.17	0.06	15	0.27	0.47	0.27	-	18	-	0.67	0.17	0.17
White	5,053	0.17	0.42	0.24	0.18	4,865	0.14	0.44	0.28	0.14	4,929	0.05	0.50	0.24	0.22
Limited English Proficiency	1,133	0.66	0.32	0.02	0.00	826	0.69	0.30	0.02	0.00	591	0.26	0.72	0.02	0.01
Special Education	1,393	0.65	0.29	0.04	0.02	1,224	0.57	0.37	0.05	0.01	941	0.22	0.71	0.04	0.03
Economically Disadvantaged	4,170	0.44	0.42	0.10	0.04	3,516	0.40	0.46	0.11	0.03	2,812	0.14	0.68	0.13	0.05

Table C-5. Mean and Standard Deviation of Scale Scores by Subgroup, Vermont

Group	Grade 5			Grade 8			Grade 11		
	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>	<i>N</i>	<i>Mean</i>	<i>SD</i>
All Students	5,274	51.71	18.54	5,337	52.81	16.95	4,624	56.96	16.35
Female	2,460	51.73	17.58	2,487	53.35	15.87	2,067	57.11	14.96
Male	2,634	51.47	19.17	2,638	52.31	17.69	2,348	57.08	17.42
African American	136	39.56	15.10	156	42.27	16.35	99	46.49	13.71
American Indian/Alaskan Native	18	51.78	19.85	12	42.96	17.77	13	54.54	12.30
Asian	125	50.37	16.94	110	55.74	17.54	118	60.92	15.83
Hispanic	125	53.41	18.33	131	52.79	18.58	120	57.86	16.99
Multi-Racial	171	51.34	19.33	164	51.63	17.33	110	57.71	18.32
Pacific Islander	6	41.18	21.63	36	50.51	16.48	5	60.86	15.06
White	4,693	52.08	18.52	4,728	53.17	16.78	4,159	57.06	16.27
Limited English Proficiency	125	43.55	16.09	75	40.20	14.73	33	46.62	12.24
Special Education	995	37.69	16.52	930	38.45	13.88	566	44.43	11.81
Economically Disadvantaged	1,343	44.83	17.32	1,175	47.31	15.57	745	52.17	14.78

Table C-6. Percentage of Achievement Level by Subgroup, Vermont

Group	Grade 5					Grade 8					Grade 11				
	N	L1	L2	L3	L4	N	L1	L2	L3	L4	N	L1	L2	L3	L4
All Students	5,274	0.23	0.42	0.20	0.15	5,337	0.20	0.45	0.23	0.12	4,624	0.07	0.51	0.22	0.20
Female	2,460	0.21	0.46	0.19	0.14	2,487	0.17	0.48	0.25	0.10	2,067	0.06	0.52	0.23	0.18
Male	2,634	0.24	0.40	0.21	0.15	2,638	0.22	0.43	0.22	0.12	2,348	0.08	0.50	0.20	0.22
African American	136	0.46	0.43	0.09	0.01	156	0.42	0.45	0.09	0.04	99	0.14	0.71	0.11	0.04
American Indian/ Alaskan Native	18	0.28	0.50	-	0.22	12	0.50	0.25	0.17	0.08	13	0.08	0.62	0.23	0.08
Asian	125	0.23	0.47	0.18	0.12	110	0.17	0.42	0.27	0.14	118	0.04	0.41	0.29	0.26
Hispanic	125	0.21	0.42	0.18	0.18	131	0.26	0.36	0.25	0.13	120	0.07	0.47	0.28	0.19
Multi-Racial	171	0.26	0.41	0.20	0.13	164	0.20	0.51	0.20	0.10	110	0.07	0.51	0.24	0.18
Pacific Islander	6	0.33	0.33	0.33	-	36	0.28	0.44	0.17	0.11	5	-	0.40	0.40	0.20
White	4,693	0.22	0.42	0.21	0.15	4,728	0.19	0.45	0.24	0.12	4,159	0.07	0.51	0.22	0.20
Limited English Proficiency	125	0.40	0.42	0.11	0.06	75	0.48	0.44	0.07	0.01	33	0.15	0.73	0.12	-
Special Education	995	0.53	0.36	0.07	0.04	930	0.53	0.39	0.06	0.02	566	0.17	0.74	0.06	0.03
Economically Disadvantaged	1,343	0.35	0.44	0.14	0.07	1,175	0.29	0.50	0.16	0.05	745	0.11	0.60	0.19	0.10