

# PSAT/NMSQT®

## 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES SUMMARY REPORT

Preliminary SAT/National Merit Scholarship Qualifying Test

### VERMONT

Preliminary SAT/National Merit Scholarship Qualifying Test

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**TABLE 1: NUMBER OF SOPHOMORES TAKING THE PSAT/NMSQT®**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
Male	548,283	46.6	36,106	46.9	566	42.2
Female	628,917	53.4	40,856	53.1	774	57.8
No Response	2,332		190		2	
<b>Total</b>	<b>1,179,532</b>		<b>77,152</b>		<b>1,342</b>	

**TABLE 2: ETHNIC BACKGROUND**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
American Indian	8,659	0.8	526	0.7	8	0.6
Asian American	82,515	7.2	3,598	4.9	27	2.1
African American	199,217	17.5	5,438	7.4	16	1.2
Hispanic	154,368	13.5	5,293	7.2	22	1.7
White	659,928	57.9	56,997	77.3	1,207	92.8
Other	35,096	3.1	1,919	2.6	20	1.5
No Response	39,749		3,381		42	

**TABLE 3: PARTICIPATING IN STUDENT SEARCH SERVICE**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
Yes	1,072,989	91.0	67,575	87.6	1,198	89.3
No	106,543	9.0	9,577	12.4	144	10.7

**TABLE 4: SELF-REPORTED GRADE AVERAGE**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
A+ (97-100)	40,832	3.7	1,056	1.5	55	4.4
A (93-96)	197,812	18.2	8,786	12.5	276	22.0
A- (90-92)	195,629	18.0	13,793	19.6	332	26.5
B+ (87-89)	188,023	17.3	14,933	21.2	238	19.0
B (83-86)	192,520	17.7	14,410	20.5	205	16.4
B- (80-82)	103,111	9.5	7,392	10.5	71	5.7
C+ (77-79)	83,884	7.7	5,132	7.3	46	3.7
C (73-76)	56,796	5.2	3,067	4.4	17	1.4
C- (70-72)	18,674	1.7	1,137	1.6	6	0.5
D+ (67-69)	6,243	0.6	391	0.6	4	0.3
D (65-66)	4,041	0.4	237	0.3	1	0.1
E or F (Below 65)	1,673	0.2	115	0.2	1	0.1
No Response	90,294		6,703		90	

**TABLE 5: YEAR COMPLETING HIGH SCHOOL AND ENTERING COLLEGE**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
2005	2,080	0.2	52	0.1	0	0.0
2006	31,284	2.7	1,012	1.3	22	1.7
2007	1,081,818	93.6	71,578	95.1	1,280	96.4
After 2008	32,021	2.8	2,002	2.7	22	1.7
Not Planning College	9,011	0.8	602	0.8	4	0.3
No Response	23,318		1,906		14	

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**VERMONT**

**TABLE 6: PSAT / NMSQT® SCORES - TOTAL GROUP - CRITICAL READING**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	2,346	0.2	204	0.3	6	0.4
70-74	4,848	0.4	383	0.5	11	0.8
65-69	17,823	1.5	1,451	1.9	39	2.9
60-64	44,368	3.8	3,406	4.4	59	4.4
55-59	103,078	8.7	7,919	10.3	188	14.0
50-54	143,964	12.2	11,249	14.6	229	17.1
45-49	184,835	15.7	13,390	17.4	274	20.4
40-44	201,844	17.1	12,841	16.6	250	18.6
35-39	207,486	17.6	12,232	15.9	175	13.0
30-34	112,898	9.6	6,177	8.0	65	4.8
25-29	96,037	8.1	4,897	6.3	36	2.7
20-24	59,837	5.1	2,990	3.9	10	0.7
TOTAL	1,179,364		77,139		1,342	
Mean Score	42.5		44.1		47.1	
STD. DEV.	11.0		10.8		9.6	

**TOTAL GROUP - MATH**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	4,640	0.4	362	0.5	6	0.4
70-74	8,888	0.8	657	0.9	7	0.5
65-69	30,536	2.6	2,328	3.0	44	3.3
60-64	63,502	5.4	4,664	6.0	96	7.2
55-59	105,342	8.9	7,518	9.8	138	10.3
50-54	152,981	13.0	11,326	14.7	273	20.3
45-49	201,863	17.1	13,454	17.5	309	23.0
40-44	207,346	17.6	13,059	16.9	235	17.5
35-39	172,786	14.7	10,567	13.7	128	9.5
30-34	140,774	11.9	7,815	10.1	76	5.7
25-29	49,186	4.2	2,938	3.8	12	0.9
20-24	40,955	3.5	2,410	3.1	18	1.3
TOTAL	1,178,799		77,098		1,342	
Mean Score	44.2		45.1		47.8	
STD. DEV.	11.1		11.1		9.5	

**PSAT/NMSQT® 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES**  
**VERMONT**

**TOTAL GROUP - WRITING**

	<b>NATIONAL</b>		<b>NEW ENGLAND</b>		<b>VERMONT</b>	
	Number	Percent	Number	Percent	Number	Percent
75-80	10,258	0.9	789	1.0	19	1.4
70-74	21,856	1.9	1,811	2.4	45	3.4
65-69	29,905	2.5	2,060	2.7	48	3.6
60-64	60,614	5.2	4,946	6.4	112	8.3
55-59	120,176	10.2	8,453	11.0	175	13.0
50-54	169,977	14.5	11,819	15.4	260	19.4
45-49	212,343	18.1	14,487	18.9	260	19.4
40-44	220,508	18.8	13,274	17.3	236	17.6
35-39	215,931	18.4	12,600	16.4	148	11.0
30-34	106,589	9.1	6,238	8.1	35	2.6
25-29	6,381	0.5	328	0.4	4	0.3
20-24	32	0.0	0	0.0	0	0.0
TOTAL	1,174,570		76,805		1,342	
Mean Score	46.4		47.4		50.0	
STD. DEV.	10.0		10.2		9.9	

**PSAT/NMSQT® 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES**  
**VERMONT**

**TABLE 6: PSAT / NMSQT® SCORES - MALE - CRITICAL READING**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	961	0.2	89	0.2	3	0.5
70-74	2,171	0.4	185	0.5	4	0.7
65-69	7,946	1.4	645	1.8	20	3.5
60-64	19,930	3.6	1,534	4.2	27	4.8
55-59	45,279	8.3	3,481	9.6	75	13.3
50-54	62,610	11.4	4,909	13.6	80	14.1
45-49	80,913	14.8	5,782	16.0	114	20.1
40-44	91,628	16.7	5,978	16.6	108	19.1
35-39	100,093	18.3	6,059	16.8	79	14.0
30-34	56,800	10.4	3,199	8.9	34	6.0
25-29	48,764	8.9	2,607	7.2	15	2.7
20-24	31,090	5.7	1,633	4.5	7	1.2
TOTAL	548,185		36,101		566	
Mean Score	41.9		43.3		46.7	
STD. DEV.	11.1		11.0		10.0	

**MALE - MATH**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	3,439	0.6	262	0.7	5	0.9
70-74	6,060	1.1	426	1.2	6	1.1
65-69	19,459	3.6	1,513	4.2	30	5.3
60-64	36,398	6.6	2,682	7.4	53	9.4
55-59	53,739	9.8	3,875	10.7	72	12.7
50-54	70,855	12.9	5,217	14.5	104	18.4
45-49	89,443	16.3	5,884	16.3	132	23.3
40-44	88,536	16.2	5,504	15.3	81	14.3
35-39	73,659	13.4	4,618	12.8	43	7.6
30-34	63,005	11.5	3,501	9.7	29	5.1
25-29	22,680	4.1	1,367	3.8	4	0.7
20-24	20,548	3.8	1,228	3.4	7	1.2
TOTAL	547,821		36,077		566	
Mean Score	45.0		46.0		49.5	
STD. DEV.	11.8		11.8		10.0	

**PSAT/NMSQT® 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES**  
**VERMONT**

**MALE - WRITING**

	<b>NATIONAL</b>		<b>NEW ENGLAND</b>		<b>VERMONT</b>	
	Number	Percent	Number	Percent	Number	Percent
75-80	4,126	0.8	331	0.9	9	1.6
70-74	8,687	1.6	700	2.0	19	3.4
65-69	12,385	2.3	840	2.3	18	3.2
60-64	24,987	4.6	1,991	5.5	48	8.5
55-59	50,519	9.3	3,632	10.1	68	12.0
50-54	72,494	13.3	5,066	14.1	92	16.3
45-49	93,402	17.1	6,519	18.2	116	20.5
40-44	102,174	18.7	6,332	17.6	106	18.7
35-39	110,969	20.4	6,558	18.3	68	12.0
30-34	61,602	11.3	3,711	10.3	19	3.4
25-29	3,834	0.7	203	0.6	3	0.5
20-24	21	0.0	0	0.0	0	0.0
TOTAL	545,200		35,883		566	
Mean Score	45.5		46.4		49.4	
STD. DEV.	9.9		10.2		10.2	

**PSAT/NMSQT® 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES**  
**VERMONT**

**TABLE 6: PSAT / NMSQT® SCORES - FEMALE - CRITICAL READING**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	1,382	0.2	113	0.3	3	0.4
70-74	2,673	0.4	198	0.5	7	0.9
65-69	9,861	1.6	804	2.0	19	2.5
60-64	24,400	3.9	1,865	4.6	32	4.1
55-59	57,703	9.2	4,424	10.8	113	14.6
50-54	81,191	12.9	6,323	15.5	149	19.3
45-49	103,720	16.5	7,588	18.6	159	20.5
40-44	109,908	17.5	6,842	16.7	142	18.3
35-39	106,922	17.0	6,132	15.0	96	12.4
30-34	55,771	8.9	2,960	7.2	31	4.0
25-29	46,894	7.5	2,263	5.5	20	2.6
20-24	28,423	4.5	1,336	3.3	3	0.4
TOTAL	628,848		40,848		774	
Mean Score	43.0		44.7		47.4	
STD. DEV.	10.8		10.6		9.2	

**FEMALE - MATH**

	NATIONAL		NEW ENGLAND		VERMONT	
	Number	Percent	Number	Percent	Number	Percent
75-80	1,195	0.2	99	0.2	1	0.1
70-74	2,824	0.4	231	0.6	1	0.1
65-69	11,058	1.8	813	2.0	14	1.8
60-64	27,040	4.3	1,970	4.8	43	5.6
55-59	51,495	8.2	3,630	8.9	65	8.4
50-54	81,957	13.0	6,096	14.9	169	21.8
45-49	112,156	17.8	7,557	18.5	177	22.9
40-44	118,462	18.8	7,529	18.4	154	19.9
35-39	98,704	15.7	5,912	14.5	85	11.0
30-34	77,293	12.3	4,276	10.5	47	6.1
25-29	26,290	4.2	1,558	3.8	8	1.0
20-24	20,184	3.2	1,161	2.8	10	1.3
TOTAL	628,658		40,832		774	
Mean Score	43.5		44.4		46.7	
STD. DEV.	10.5		10.4		8.9	

**PSAT/NMSQT® 2004-2005 COLLEGE-BOUND HIGH SCHOOL SOPHOMORES**  
**VERMONT**

**FEMALE - WRITING**

	<b>NATIONAL</b>		<b>NEW ENGLAND</b>		<b>VERMONT</b>	
	Number	Percent	Number	Percent	Number	Percent
75-80	6,127	1.0	458	1.1	10	1.3
70-74	13,154	2.1	1,109	2.7	26	3.4
65-69	17,484	2.8	1,210	3.0	30	3.9
60-64	35,586	5.7	2,951	7.2	64	8.3
55-59	69,560	11.1	4,808	11.8	107	13.8
50-54	97,282	15.5	6,736	16.5	168	21.7
45-49	118,635	18.9	7,942	19.5	143	18.5
40-44	117,909	18.8	6,913	17.0	130	16.8
35-39	104,297	16.6	5,993	14.7	79	10.2
30-34	44,524	7.1	2,496	6.1	16	2.1
25-29	2,512	0.4	119	0.3	1	0.1
20-24	11	0.0	0	0.0	0	0.0
TOTAL	627,081		40,735		774	
Mean Score	47.3		48.4		50.4	
STD. DEV.	10.0		10.2		9.7	

**TABLE 7: COLLEGE MAJOR - TOTAL GROUP**

	<b>NATIONAL</b>	<b>NEW ENGLAND</b>	<b>VERMONT</b>
	Percent	Percent	Percent
Agriculture / Natural Resources	1.4	1.2	1.8
Architecture and Design	4.3	4.3	4.9
The Arts	11.2	10.6	10.4
Biological and Life Sciences	4.8	5.1	6.0
Business and Management	7.8	8.3	6.8
Communications	2.7	2.7	2.4
Computer / Info. Sciences	2.3	2.0	2.0
Education	3.9	4.1	3.0
Engineering	8.6	7.2	8.7
Foreign / Classical Languages	0.7	0.9	1.1
Area / Interdisciplinary Studies	0.3	0.4	0.2
Health Sciences and Services	15.9	11.8	12.3
Home Economics	1.6	1.7	1.0
Language and Literature	1.2	1.8	2.4
Mathematics and Statistics	1.0	1.1	0.8
Phil. / Religion / Theology	0.6	0.5	0.3
Physical Sciences	1.3	1.3	1.3
Public Admin. and Services	2.7	2.6	2.3
Social / Behavior Sci. & Hist.	7.8	8.2	8.2
Other	5.0	4.5	4.8
Undecided	14.7	19.7	19.5
<b>NUMBER RESPONDING</b>	<b>1,054,850</b>	<b>66,878</b>	<b>1,224</b>

**TABLE 7: COLLEGE MAJOR - BY GENDER**

	NATIONAL		NEW ENGLAND		VERMONT	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
	%	%	%	%	%	%
Agriculture / Natural Resources	1.6	1.2	1.2	1.3	1.8	1.8
Architecture and Design	4.9	3.8	4.7	3.9	4.9	4.9
The Arts	9.8	12.5	8.7	12.2	7.2	12.6
Biological and Life Sciences	4.3	5.2	4.4	5.8	4.7	6.9
Business and Management	10.2	5.8	11.4	5.7	9.0	5.2
Communications	2.0	3.3	2.3	3.0	1.2	3.2
Computer / Info. Sciences	4.4	0.6	4.0	0.4	4.3	0.3
Education	1.6	5.8	1.5	6.2	1.4	4.2
Engineering	16.8	1.8	14.1	1.3	19.0	1.1
Foreign / Classical Languages	0.7	0.8	0.7	1.0	0.4	1.5
Area / Interdisciplinary Studies	0.2	0.4	0.2	0.5	0.2	0.3
Health Sciences and Services	9.0	21.7	6.5	16.3	7.8	15.4
Home Economics	0.6	2.5	0.6	2.7	0.0	1.7
Language and Literature	0.6	1.7	1.0	2.6	1.2	3.2
Mathematics and Statistics	1.3	0.8	1.4	0.8	1.0	0.7
Phil. / Religion / Theology	0.7	0.5	0.6	0.4	0.6	0.1
Physical Sciences	1.7	0.9	1.8	0.8	2.3	0.6
Public Admin. and Services	2.3	3.0	2.4	2.7	1.4	2.9
Social / Behavior Sci. & Hist.	5.2	10.0	5.8	10.3	6.1	9.7
Other	5.3	4.7	5.2	4.0	5.3	4.5
Undecided	16.7	13.1	21.4	18.2	20.4	19.0
NUMBER RESPONDING						
MALE	478,799		30,563		511	
FEMALE	574,449		36,248		712	