

**ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2005**

**STATE COMPOSITE FOR
NEW HAMPSHIRE**

CODE 300-000

THE 2005 ACT HIGH SCHOOL PROFILE REPORT REFLECTS THE CHARACTERISTICS OF STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. THE MOST RECENT TEST RECORD IS USED FOR STUDENTS TESTING MORE THAN ONCE. BEGINNING IN 2002, A REFINED METHODOLOGY FOR IDENTIFYING A STUDENT'S MOST RECENT TEST RECORD WAS USED (SEE APPENDIX FOR A DESCRIPTION).

CHANGES IN AVERAGE ACT ASSESSMENT SCORES REFLECT REAL DIFFERENCES IN STUDENT PREPARATION AND PERFORMANCE AS WELL AS INCREASES IN THE PERCENTAGE OF TESTED GRADUATES IN EACH STATE, INCLUDING STATES REQUIRING STUDENTS TO TAKE THE ACT ASSESSMENT.

EXECUTIVE SUMMARY

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

	NUMBER CORE/LESS	PERCENT CORE/LESS	ENGLISH CORE/LESS	MATH CORE/LESS	READING CORE/LESS	SCIENCE CORE/LESS	COMPOSITE CORE/LESS	
2000-01	523	349	52/ 35	22.5/20.5	22.7/21.1	23.8/21.6	22.5/21.4	23.0/21.3
2001-02	488	337	49/ 34	22.2/20.6	22.2/21.3	23.0/21.9	22.1/20.9	22.5/21.3
2002-03	569	393	47/ 32	22.1/20.8	22.6/20.9	23.5/21.6	22.2/20.9	22.7/21.2
2003-04	641	422	48/ 31	23.0/21.2	22.9/21.4	24.3/22.4	22.7/21.3	23.3/21.7
2004-05	718	470	46/ 30	22.5/21.1	22.7/21.4	23.6/22.3	22.3/21.2	22.9/21.7

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	1004	21.7	22.1	22.9	21.9	22.3
2001-02	993	21.6	21.9	22.6	21.6	22.0
2002-03	1210	21.7	21.9	22.9	21.7	22.2
2003-04	1340	22.1	22.1	23.3	21.9	22.5
2004-05	1578	21.9	22.1	23.0	21.8	22.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.6	25.8	27.0	24.5	25.6
Q2 (50TH PERCENTILE - MEDIAN)	21.8	22.1	23.0	21.6	22.3
Q1 (25TH PERCENTILE)	18.0	17.8	18.8	19.1	18.9

QUARTILE VALUES ARE INTERPOLATED AND ARE BASED UPON CALCULATED STUDENT PERCENTILE RANKS WHICH MAY DIFFER FROM THE CUMULATIVE PERCENTAGES REPORTED IN TABLES 4 AND 5 OF THIS REPORT.

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 5)	(N= 1)	(N= 574)	(N= 1)	(N= 14)	(N= 6)
ENGLISH	24.0	33.0	22.6	22.0	18.8	18.7
USAGE/MECH	11.8	18.0	11.6	13.0	9.5	9.8
RHET SKILLS	13.0	15.0	11.6	11.0	9.6	9.0
MATHEMATICS	22.4	27.0	22.5	26.0	23.0	19.8
PRE/ELEM-ALG	12.6	15.0	12.1	14.0	11.9	9.7
ALG/CRD-GEOM	10.8	14.0	11.3	14.0	11.3	10.3
PLANE GEOM/TRIG	10.8	13.0	11.3	13.0	12.1	10.0
READING	24.6	32.0	23.7	20.0	21.6	19.7
SOC STU/SCI	12.0	16.0	11.8	9.0	11.4	9.0
ARTS/LITERATURE	12.8	17.0	12.5	11.0	10.4	10.8
SCIENCE	22.2	29.0	22.4	19.0	20.7	17.7
COMPOSITE	23.6	30.0	22.9	22.0	21.1	19.0
LESS THAN CORE	(N= 5)	(N= 1)	(N= 360)	(N= 0)	(N= 6)	(N= 8)
ENGLISH	22.0	18.0	21.0	0.0	21.8	16.1
USAGE/MECH	11.6	8.0	10.5	0.0	10.8	7.9
RHET SKILLS	11.0	10.0	10.8	0.0	11.3	7.9
MATHEMATICS	20.0	18.0	21.2	0.0	26.5	18.1
PRE/ELEM-ALG	10.2	8.0	11.3	0.0	14.5	9.3
ALG/CRD-GEOM	9.8	10.0	10.5	0.0	13.2	8.9
PLANE GEOM/TRIG	10.2	10.0	10.6	0.0	13.5	9.5
READING	23.4	17.0	22.0	0.0	23.2	17.3
SOC STU/SCI	11.8	11.0	11.0	0.0	11.8	7.6
ARTS/LITERATURE	12.8	6.0	11.4	0.0	12.0	9.5
SCIENCE	21.0	16.0	21.1	0.0	21.8	17.5
COMPOSITE	21.6	17.0	21.4	0.0	23.5	17.4
NO RESPONSE	(N= 6)	(N= 1)	(N= 284)	(N= 2)	(N= 4)	(N= 3)

TABLE 1 AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS (CONT.)

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 16)	(N= 3)	(N= 1218)	(N= 3)	(N= 24)	(N= 17)
ENGLISH	21.6	23.7	21.9	19.0	20.1	17.4
USAGE/MECH	11.0	12.0	11.1	9.7	10.1	8.9
RHET SKILLS	11.1	11.7	11.2	10.3	10.3	8.5
MATHEMATICS	20.6	21.7	22.0	22.0	24.3	19.2
PRE/ELEM-ALG	11.1	11.3	11.8	11.0	13.0	9.6
ALG/CRD-GEOM	10.0	11.7	10.9	11.3	12.0	9.8
PLANE GEOM/TRIG	10.5	10.3	11.0	10.3	12.5	9.8
READING	23.1	25.3	22.9	21.3	22.2	18.1
SOC STU/SCI	11.2	13.0	11.5	11.3	11.7	8.0
ARTS/LITERATURE	12.5	13.0	12.0	10.3	11.0	10.1
SCIENCE	20.9	23.3	21.8	20.3	21.0	17.8
COMPOSITE	21.7	23.3	22.3	21.0	22.0	18.2

TABLE 2 AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS

	AFRI-AM/ BLACK NUMBER AVG	AM IND, ALSK NTV NUMBER AVG	CAUC-AM/ WHITE NUMBER AVG	MEX-AM/ CHICANO NUMBER AVG	ASIAN-AM, PAC ISLDR NUMBER AVG	P RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	3 26.0	1 30.0	359 25.0	1 22.0	8 24.3	4 20.0
3.00 - 3.49	1 16.0	0 0.0	244 21.6	0 0.0	7 20.4	5 19.6
2.50 - 2.99	5 20.8	0 0.0	115 18.9	0 0.0	3 19.0	3 17.0
2.00 - 2.49	0 0.0	0 0.0	23 16.8	0 0.0	0 0.0	0 0.0
1.99 & BELOW	0 0.0	0 0.0	10 16.1	0 0.0	0 0.0	1 15.0
CGPA PRED BY STUDENT						
3.5 - 4.0	2 27.5	1 30.0	275 25.4	0 0.0	8 25.4	2 24.0
3.0 - 3.4	5 20.6	1 17.0	465 22.0	1 22.0	8 20.9	5 18.2
2.5 - 2.9	4 21.5	0 0.0	165 18.8	0 0.0	0 0.0	6 16.2
2.0 - 2.4	0 0.0	0 0.0	44 17.5	1 13.0	1 14.0	0 0.0
1.9 & BELOW	0 0.0	0 0.0	8 17.1	0 0.0	0 0.0	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	4 25.0	1 30.0	480 24.3	1 22.0	11 24.4	3 21.7
2ND QUARTER	3 21.3	1 17.0	260 20.4	0 0.0	3 17.7	5 19.2
BOTTOM HALF	3 20.0	0 0.0	117 17.5	1 13.0	0 0.0	5 15.0

TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED NO CHANGE NECESSARY		PRETTY MUCH NEUTRAL		DISSATISFIED IMPROVEMENT NEEDED		NO EXPER- IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	268	17	111	7	31	2	4	0
	FEMALE	350	22	202	13	33	2	3	0
	TOTAL	622	39	317	20	64	4	7	0
NO. & VARIETY OF COURSE OFFERINGS	MALE	242	15	107	7	58	4	6	0
	FEMALE	315	20	147	9	126	8	1	0
	TOTAL	562	36	256	16	185	12	7	0
GRADING PRACTICES & POLICIES	MALE	217	14	139	9	54	3	3	0
	FEMALE	288	18	212	13	89	6	1	0
	TOTAL	510	32	354	22	143	9	4	0
NO. & KINDS OF TESTS GIVEN	MALE	224	14	148	9	36	2	4	0
	FEMALE	286	18	240	15	61	4	3	0
	TOTAL	514	33	392	25	97	6	7	0
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	241	15	104	7	50	3	17	1
	FEMALE	311	20	152	10	107	7	21	1
	TOTAL	555	35	258	16	160	10	38	2
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	163	10	159	10	88	6	2	0
	FEMALE	226	14	199	13	153	10	11	1
	TOTAL	392	25	361	23	243	15	13	1
LIBRARY OR LEARNING CENTER	MALE	231	15	118	7	55	3	6	0
	FEMALE	300	19	185	12	88	6	13	1
	TOTAL	535	34	307	19	143	9	19	1
LABORATORY FACILITIES	MALE	234	15	125	8	47	3	6	0
	FEMALE	291	18	194	12	87	6	16	1
	TOTAL	530	34	322	20	134	8	22	1
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	151	10	126	8	25	2	109	7
	FEMALE	214	14	195	12	40	3	136	9
	TOTAL	368	23	323	20	65	4	248	16
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	253	16	106	7	26	2	23	1
	FEMALE	331	21	157	10	67	4	35	2
	TOTAL	587	37	266	17	94	6	59	4
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	173	11	142	9	48	3	46	3
	FEMALE	213	13	215	14	103	7	53	3
	TOTAL	389	25	360	23	151	10	101	6

NUMBER OF STUDENTS - 1578

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES
FOR ALL STUDENTS (NUMBER OF STUDENTS = 1578)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	0	99	0	99	12	99	3	99	0	99
35	7	99	5	99	16	99	7	99	1	99
34	22	99	19	99	28	98	12	99	5	99
33	20	98	19	98	43	96	6	99	7	99
32	18	97	14	97	53	94	11	98	14	99
31	35	96	32	96	34	90	12	98	24	98
30	30	94	20	94	48	88	10	97	40	97
29	59	92	63	93	56	85	32	96	61	94
28	54	88	62	89	59	82	42	94	65	90
27	61	84	89	85	88	78	60	91	78	86
26	98	81	106	80	104	72	102	88	105	81
25	108	74	86	73	82	66	98	81	120	75
24	102	68	122	67	112	61	141	75	115	67
23	87	61	127	60	107	53	130	66	123	60
22	121	56	71	52	79	47	141	58	142	52
21	110	48	82	47	76	42	160	49	107	43
20	113	41	101	42	126	37	174	39	110	36
19	101	34	76	35	87	29	95	28	104	29
18	73	27	122	31	53	23	99	22	101	23
17	97	23	124	23	75	20	71	15	91	16
16	56	17	130	15	83	15	55	11	64	10
15	76	13	60	7	37	10	44	7	44	6
14	39	8	29	3	53	8	23	5	33	4
13	28	6	12	1	29	4	18	3	16	2
12	19	4	4	1	21	2	20	2	7	1
11	21	3	3	1	13	1	3	1	0	1
10	11	1	0	1	3	1	5	1	0	1
9	1	1	0	1	1	1	2	1	1	1
8	10	1	0	1	0	1	1	1	0	1
7	1	1	0	1	0	1	0	1	0	1
6	0	1	0	1	0	1	1	1	0	1
5	0	1	0	1	0	1	0	1	0	1
4	0	1	0	1	0	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	0	1	0	1

NUMBER AND PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES

33-36	49	3	43	3	99	6	28	2	13	1
28-32	196	12	191	12	250	16	107	7	204	13
24-27	369	23	403	26	386	24	401	25	418	26
20-23	431	27	381	24	388	25	605	38	482	31
16-19	327	21	452	29	298	19	320	20	360	23
13-15	143	9	101	6	119	8	85	5	93	6
01-12	63	4	7	0	38	2	32	2	8	1

AVG(SD) 21.9(5.4) 22.1(5.0) 23.0(5.8) 21.8(4.4) 22.3(4.5)

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1578)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	54	99	2	99	34	99	87	99	18
17	70	97	25	99	103	98	112	94	17
16	82	92	82	98	99	91	149	87	16
15	117	87	98	93	121	85	131	78	15
14	105	80	158	87	109	77	84	70	14
13	143	73	159	77	137	70	163	64	13
12	119	64	223	67	187	62	196	54	12
11	194	56	186	53	130	50	134	42	11
10	157	44	192	41	164	42	127	33	10
9	137	34	183	29	167	31	106	25	9
8	142	25	125	17	151	21	77	18	8
7	101	16	79	9	84	11	82	13	7
6	78	10	31	4	41	6	68	8	6
5	44	5	23	2	24	3	47	4	5
4	20	2	10	1	15	2	11	1	4
3	12	1	2	1	8	1	4	1	3
2	3	1	0	1	2	1	0	1	2
1	0	1	0	1	2	1	0	1	1
AVERAGE	11.1		11.2		11.5		12.1		
S.D.	3.5		2.8		3.4		3.6		

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	58	99	13	99	1	99	18
17	75	96	25	99	20	99	17
16	105	92	62	98	73	99	16
15	142	85	54	94	94	94	15
14	159	76	177	90	154	88	14
13	168	66	127	79	171	78	13
12	127	55	245	71	208	67	12
11	167	47	177	55	164	54	11
10	133	37	201	44	271	44	10
9	121	28	256	31	130	27	9
8	174	20	100	15	115	19	8
7	91	9	52	9	81	11	7
6	40	4	37	6	56	6	6
5	13	1	28	3	1	3	5
4	2	1	13	2	26	2	4
3	3	1	7	1	1	1	3
2	0	1	4	1	9	1	2
1	0	1	0	1	3	1	1
AVERAGE	11.8		11.0		11.1		
S.D.	3.3		2.8		2.9		

NOTE: CP IS THE CUMULATIVE PERCENT OF STUDENTS AT OR BELOW A SCORE POINT (SEE APPENDIX).

TABLE 6 AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	658	21.7	5.4	23.1	5.2	22.8	5.8	22.3	4.7	22.6	4.7
FEMALES	898	22.0	5.5	21.4	4.6	23.1	5.7	21.4	4.1	22.1	4.4
NO RESPONSE	22	21.6	4.6	21.7	5.7	22.7	6.9	21.9	4.3	22.1	4.3

PERCENT OF STUDENTS IN THE COLLEGE READINESS STANDARDS SCORE RANGES BY GENDER

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	4	5	1	6	6	3	1	1	1	1	1
28-32	11	14	16	9	15	16	9	5	14	12	14	12
24-27	26	21	28	24	24	25	26	25	28	26	28	26
20-23	26	28	23	26	25	24	38	39	31	30	31	30
16-19	20	21	22	33	19	19	16	23	20	25	20	25
13-15	10	8	6	7	8	7	6	5	6	6	6	6
01-12	4	4	1	0	3	2	2	2	1	0	1	0

TABLE 7 EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	301	27	23.8	5	22	7	22	260	30	29	16
GOOD	421	38	22.3	7	30	10	31	334	38	70	39
AVERAGE	164	15	20.7	3	13	8	25	106	12	47	26
BELOW AVERAGE	32	3	20.2	0	0	1	3	23	3	8	4
VERY INADEQUATE	65	6	20.8	1	4	4	13	46	5	14	8
NO RESPONSE	122	11	21.8	7	30	2	6	101	12	12	7
NO. OF STUDENTS	1105			23		32		870		180	

TABLE 8 AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVG	SD	AVG	SD	AVG	SD	AVG	SD	AVG	SD
ALL GRADUATES	1578	21.9	5.4	22.1	5.0	23.0	5.8	21.8	4.4	22.3	4.5
COLLEGE CORE											
E4, M3, SS3, NS3	718	22.5	5.3	22.7	4.7	23.6	5.6	22.3	4.2	22.9	4.3
In between	293	21.7	5.7	22.0	5.3	22.7	6.1	21.6	4.8	22.1	4.8
E4, M2, SS2, NS2	177	20.3	5.4	20.5	4.9	21.7	6.2	20.7	4.6	20.9	4.7
No Response	390	21.6	5.3	21.9	5.0	22.7	5.6	21.4	4.2	22.0	4.4
HS GPA RANGES											
3.50 - 4.00	456	24.9	4.7	25.0	4.4	25.7	5.3	24.1	4.0	25.0	3.8
3.00 - 3.49	306	21.2	4.5	21.6	4.5	22.2	5.4	21.4	4.0	21.7	3.9
2.50 - 2.99	152	17.8	4.5	18.5	3.2	19.9	4.8	19.3	3.4	19.0	3.3
2.00 - 2.49	30	16.0	4.2	17.0	3.7	17.7	4.7	17.0	4.4	17.1	3.7
1.99 & below	12	14.8	4.2	15.2	1.6	15.5	3.1	16.8	3.1	15.7	2.6

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
(TOTAL)

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	175	11	3.45	21.8	22.0
ENG 9, ENG 10, ENG 11, ENG 12	892	57	3.39	22.1	22.6
LESS THAN 4 YEARS OF ENGLISH	115	7	3.28	20.8	21.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	396	25	- . -	21.6	22.0
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	86	5	3.59	25.3	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	95	6	3.22	22.1	22.4
ALG 1, ALG 2, GEOM, TRIG	107	7	3.15	21.0	21.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	169	11	3.12	20.6	21.5
ALG 1, ALG 2, GEOM	134	8	2.66	18.2	19.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	388	25	3.56	24.9	24.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	77	5	3.33	22.2	22.3
LESS THAN 3 YEARS OF MATH	111	7	2.75	19.2	19.8
NO MATH COURSE/GRADE INFORMATION REPORTED	411	26	- . -	21.8	22.0
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	32	2	3.50	23.2	22.8
US HIST, WORLD HIST, AM GOVT	25	2	3.34	21.6	21.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	391	25	3.57	23.7	22.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	389	25	3.48	22.5	22.1
LESS THAN 3 YEARS OF SOC SCI	331	21	3.35	23.1	22.5
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	410	26	- . -	22.8	22.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	546	35	3.48	23.0	23.5
BIOLOGY, CHEMISTRY, PHYSICS	119	8	3.52	24.2	24.8
GEN SCIENCE, BIOLOGY, CHEMISTRY	323	20	3.17	20.4	20.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	38	2	3.28	20.9	21.2
LESS THAN 3 YEARS OF NAT SCI	135	9	3.05	19.6	19.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	417	26	- . -	21.4	22.1

STATE COMPOSITE FOR
NEW HAMPSHIRETABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR MALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	89	14	3.43	21.7	22.2
ENG 9, ENG 10, ENG 11, ENG 12	331	50	3.31	22.3	23.2
LESS THAN 4 YEARS OF ENGLISH	54	8	3.30	20.9	21.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	184	28	- . -	20.9	21.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	42	6	3.60	25.9	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	36	5	3.18	22.3	22.6
ALG 1, ALG 2, GEOM, TRIG	34	5	3.34	22.4	22.6
ALG 1, ALG 2, GEOM, OTHER ADV MATH	49	7	3.02	21.1	21.6
ALG 1, ALG 2, GEOM	52	8	2.62	18.4	18.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	187	28	3.59	26.0	24.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	26	4	3.17	22.7	22.2
LESS THAN 3 YEARS OF MATH	40	6	2.92	19.7	19.5
NO MATH COURSE/GRADE INFORMATION REPORTED	192	29	- . -	22.4	21.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	20	3	3.47	22.8	22.7
US HIST, WORLD HIST, AM GOVT	11	2	3.12	19.4	20.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	157	24	3.58	23.5	22.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	137	21	3.51	22.4	22.7
LESS THAN 3 YEARS OF SOC SCI	140	21	3.31	23.4	23.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	193	29	- . -	22.4	22.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	247	38	3.47	23.5	23.8
BIOLOGY, CHEMISTRY, PHYSICS	61	9	3.53	24.5	24.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	93	14	3.14	20.4	20.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	20	3	3.24	20.9	21.5
LESS THAN 3 YEARS OF NAT SCI	43	7	3.06	20.2	20.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	194	29	- . -	21.6	22.0

STATE COMPOSITE FOR
NEW HAMPSHIRETABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	86	10	3.48	21.9	21.8
ENG 9, ENG 10, ENG 11, ENG 12	549	61	3.44	22.0	22.3
LESS THAN 4 YEARS OF ENGLISH	59	7	3.28	20.9	20.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	204	23	- . -	22.2	22.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	43	5	3.58	24.8	25.0
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	59	7	3.24	21.9	22.3
ALG 1, ALG 2, GEOM, TRIG	73	8	3.06	20.4	21.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	118	13	3.17	20.3	21.4
ALG 1, ALG 2, GEOM	80	9	2.69	18.1	19.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	196	22	3.54	23.9	24.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	48	5	3.36	21.7	22.3
LESS THAN 3 YEARS OF MATH	70	8	2.67	18.9	20.0
NO MATH COURSE/GRADE INFORMATION REPORTED	211	23	- . -	21.3	22.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	12	1	3.55	24.0	23.1
US HIST, WORLD HIST, AM GOVT	14	2	3.51	23.3	21.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	233	26	3.57	23.8	22.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	247	28	3.47	22.5	21.7
LESS THAN 3 YEARS OF SOC SCI	184	20	3.40	22.9	22.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	208	23	- . -	23.1	22.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	295	33	3.49	22.5	23.3
BIOLOGY, CHEMISTRY, PHYSICS	55	6	3.51	23.8	25.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	226	25	3.18	20.4	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	18	2	3.33	20.9	20.9
LESS THAN 3 YEARS OF NAT SCI	90	10	3.04	19.2	19.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	214	24	- . -	21.2	22.1

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	
AGRICULTURE SCIENCE/TECH	10	20.9	40	50	0	1	1	1	1	1
ARCH & ENVIR DESIGN	26	21.9	42	35	3	4	2	2	3	3
BUSINESS & MGMT	121	21.2	33	53	16	15	9	10	12	12
BUSINESS & OFFICE	3	18.7	0	67	0	0	0	1	0	1
MARKETING & DISTRIBUTION	9	21.3	56	44	0	0	1	1	1	1
COMMUNICATION & COMM TEC	41	21.0	49	46	3	4	4	5	4	4
COMMUNITY & PRSNL SVCS	15	20.6	60	40	1	2	2	2	1	2
COMPUTER & INFO SCI	28	24.3	39	54	6	4	1	1	3	2
CROSS-DISC STUDIES	4	20.8	25	50	0	0	0	1	0	1
EDUCATION	48	20.1	40	48	2	2	7	9	5	6
TEACHER EDUCATION	25	19.3	44	52	3	2	2	3	2	3
ENGINEERING	54	25.3	44	43	10	10	2	2	5	5
ENGINEERING-RELATED TECH	37	23.3	32	62	8	6	1	0	4	3
FOREIGN LANGUAGES	15	23.5	20	47	0	0	2	1	1	1
HEALTH SCI & ALLIED HLTH	165	21.7	58	35	6	7	23	26	16	18
HUMAN, FAMILY/CONS SCI	6	18.3	67	17	0	0	1	1	1	1
LETTERS	9	24.8	11	78	0	1	1	1	1	1
MATHEMATICS	7	22.4	43	29	1	2	0	0	1	1
PHILOS, RELIG & THEOL	4	22.3	50	50	1	1	0	0	0	0
SCI (BIOL & PHYSICAL)	94	24.2	45	44	8	6	10	8	9	7
SOCIAL SCIENCES	104	23.3	34	48	9	9	11	8	10	9
TRADE & INDUSTRIAL	8	18.6	63	25	2	3	0	0	1	1
VISUAL & PERFORM ARTS	66	22.0	55	38	5	6	7	7	6	7
UNDECIDED	131	22.5	8	16	15	15	11	10	13	12
NO RESPONSE	548									

NUMBER OF STUDENTS - 1578

TABLE 11 SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS

	NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT		NUMBER OF STUDENTS	AVERAGE ACT COMP	PCT
HS CURRICULUM OR PROG				RACIAL/ETHNIC BACKGROUND			
BUS COMM/VOC-OCCUP	55	18.8	3	AFRICAN-AMER/BLACK	16	21.7	1
COLL PREP	870	22.9	55	AM INDIAN,ALASKAN NTV	3	23.3	0
OTHER/GENERAL/NO RESP	653	21.9	41	CAUCASIAN-AMER/WHITE	1218	22.3	77
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	3	21.0	0
ED/OCCUP PLANS	401	21.9	25	ASIAN-AMER,PACIFIC ISL	24	22.0	2
EXPR IDEAS IN WRITING	234	20.4	15	PUERTO RICAN,HISPANIC	17	18.2	1
READING/COMPREHENSION	265	19.9	17	OTHER	50	20.6	3
STUDY SKILLS	364	20.2	23	MULTIRACIAL	22	21.8	1
MATH SKILLS	397	19.9	25	PREFER NOT TO RESPOND	66	22.9	4
PERSONAL CONCERNS	95	20.5	6	NO RESPONSE	159	23.6	10
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	1022	22.2	65	LESS THAN \$18,000	50	19.8	3
NEED TO FIND WORK	829	22.0	53	ABOUT \$18,000-\$24,000	28	20.5	2
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	39	21.2	2
INDEP STUDY	553	23.2	35	ABOUT \$30,000-\$36,000	37	21.8	2
HONORS COURSES	464	24.8	29	ABOUT \$36,000-\$42,000	52	22.5	3
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	75	21.6	5
ENGLISH	329	24.3	21	ABOUT \$50,000-\$60,000	104	21.8	7
MATH	266	25.4	17	ABOUT \$60,000-\$80,000	158	22.1	10
SOCIAL STUDIES	303	24.2	19	ABOUT \$80,000-\$100,000	153	22.4	10
NATURAL SCIENCE	261	24.2	17	MORE THAN \$100,000	199	23.3	13
FOREIGN LANG	228	24.8	14	NO RESPONSE	683	22.5	43
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	8	21.4	1	TOP QTR	605	24.4	38
\$1001 - \$2000	8	18.9	1	2ND QTR	313	20.4	20
\$2001 - \$4000	29	20.3	2	3RD QTR	133	17.8	8
\$4001 - \$7500	83	19.7	5	4TH QTR	21	16.4	1
\$7501 & OVER	87	21.1	6	NO RESPONSE	506	22.3	32
NO PREFERENCE	807	22.5	51	EDUC DEG ASPIRATION			
NO RESPONSE	556	22.8	35	VOC-TECH	10	17.5	1
MOST RECENTLY TESTED				2YR COL DEGREE	25	18.2	2
SOPHOMORE	5	29.2	0	BACHELORS DEGREE	473	20.9	30
JUNIOR	464	22.8	29	GRAD STUDY	353	23.1	22
SENIOR	1078	22.0	68	PROF LEVEL DEGREE	340	23.8	22
OTHER/NO RESPONSE	31	23.4	2	OTHER	23	18.9	1
COLLEGE CORE PREPARATION				NO RESPONSE	354	22.6	22
CORE OR MORE	718	22.9	46	NUMBER OF STUDENTS			
LESS THAN CORE	470	21.7	30	HOME SCHOOLED	18	24.4	1
NO RESPONSE	390	22.0	25	EARNED A GED	0	0.0	0
				ALL STUDENTS	1578	22.3	100

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES						
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT
2524 U OF NEW HAMPSHIRE	NH	246	79	167	0	7	26	31	26	11	0
2518 PLYMOUTH STATE COLL	NH	92	24	68	1	12	42	33	10	2	0
1880 NORTHEASTERN UNIV	MA	74	19	55	0	3	14	28	38	16	1
2510 KEENE STATE COLLEGE	NH	69	19	50	0	13	42	32	13	0	0
1794 BOSTON UNIVERSITY	MA	50	17	33	0	2	6	24	40	26	2
1788 BOSTON COLLEGE	MA	47	17	30	0	2	6	11	60	21	0
2522 SAINT ANSELM COLLEGE	NH	46	10	36	0	7	30	24	35	4	0
2514 S NEW HAMPSHIRE UNIV	NH	39	13	26	0	21	51	18	8	3	0
1942 WORCESTER POLY INST	MA	35	18	17	0	0	3	26	37	29	6
4322 UNIV OF VERMONT	VT	35	9	26	0	0	26	43	23	9	0
0604 UNIV OF CONNECTICUT	CT	34	6	28	0	3	15	24	47	9	3
2520 RIVIER COLLEGE	NH	32	10	22	0	13	47	31	9	0	0
2506 COLBY-SAWYER COLLEGE	NH	28	9	19	0	14	25	39	21	0	0
0582 QUINNIPIAC UNIV	CT	26	8	18	0	4	27	31	35	0	4
1922 TUFTS UNIVERSITY	MA	26	7	19	0	0	4	19	38	35	4
2508 DARTMOUTH COLLEGE	NH	26	8	18	0	0	4	15	35	38	8
2516 NH TECH INSTITUTE	NH	25	8	17	0	32	52	8	8	0	0
3836 BOB JONES UNIVERSITY	SC	25	18	7	0	0	32	40	16	12	0
1924 U OF MASS AMHERST	MA	23	2	21	0	9	22	35	22	13	0
3818 UNIV OF RHODE ISLAND	RI	23	3	20	0	0	13	52	26	9	0
9999 NCAA CLEARINGHOUSE	IA	22	13	9	0	5	18	32	36	9	0
1660 UNIV OF NEW ENGLAND	ME	21	3	18	0	0	38	29	29	5	0
1824 ENDICOTT COLLEGE	MA	21	9	12	0	10	48	33	10	0	0
4312 SAINT MICHAEL'S COLL	VT	21	1	20	0	5	24	33	14	24	0
1854 UNIV OF MASS LOWELL	MA	19	4	15	0	16	42	26	11	5	0
1918 STONEHILL COLLEGE	MA	19	4	15	0	0	5	58	37	0	0
1664 U OF MAINE-ORONO	ME	17	2	15	0	6	24	35	24	12	0
1810 COLL OF HOLY CROSS	MA	17	5	12	0	0	0	18	65	18	0
2726 CORNELL UNIVERSITY	NY	17	4	13	0	0	0	24	41	24	12
2866 RENSSELAER POLYTECH	NY	17	2	15	0	0	0	18	29	41	12
3656 PENN ST-UNIV PARK	PA	17	4	13	0	6	0	47	41	6	0
1783 BENTLEY COLLEGE	MA	16	5	11	0	6	13	31	38	13	0
2509 FRANKLIN PIERCE C	NH	16	5	11	0	13	44	25	6	13	0
2838 NEW YORK UNIVERSITY	NY	16	4	12	0	6	0	13	56	19	6
2968 SYRACUSE UNIVERSITY	NY	16	3	13	0	0	13	25	50	13	0
ALL OTHER INSTITUTIONS		1561	413	1148	1	6	17	29	29	18	1
TOTALS		2834	785	2049	0	6	20	29	28	15	1

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	(10)	(20.9)	BUSINESS & OFFICE	(3)	(18.7)
AGRICULTURAL BUSINESS	2	19.5	BOOKKEEPING/ACCT TECH	0	0.0
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	0	0.0
AGRICULTURAL MECHANICS	0	0.0	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	0	0.0	OFFICE SUPERVISION & MGMT	0	0.0
AGRONOMY	0	0.0	SECRETARIAL	0	0.0
ANIMAL SCIENCES	4	20.5	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	0	0.0	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	0	0.0	BUSINESS & OFFICE, GEN	3	18.7
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	0	0.0	MARKETING & DISTRIBUTION	(9)	(21.3)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	5	19.2
NATURAL RESOURCES MGMT	0	0.0	RETAILING & SALES	0	0.0
AGRICULTURE & AG TECH, GEN	4	22.0	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	4	24.0
ARCH & ENVIR DESIGN	(26)	(21.9)			
ARCHITECTURAL DRAFTING	2	18.5	COMMUNICATIONS & COMM TECH	(41)	(21.0)
ARCHITECTURE	6	25.7	ADVERTISING	1	17.0
BLDG CON/CONSTRUCTION SCI	0	0.0	GRAPHIC/COMMERCIAL ART	1	13.0
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	0	0.0
ENVIRONMENTAL DESIGN	3	19.3	JOURNALISM	6	20.7
INTERIOR DESIGN	2	18.0	PHOTO/FILM/VIDEO TECH	3	22.7
LANDSCAPE ARCHITECTURE	1	28.0	PUBLIC RELATIONS	2	24.0
ARCHI & ENVIR DESIGN, GEN	12	21.4	RADIO/TV BROADCASTING	4	17.3
			RADIO/TV PRODUCTN & TECH	2	21.5
BUSINESS & MGMT	(121)	(21.2)	COMMUNIC & COMM TECH, GEN	22	21.9
ACCOUNTING	6	23.8			
BANKING & FINANCE	5	21.0	COMMNTY & PRSNL SVCS	(15)	(20.6)
BUSINESS ADMIN & MGMT	18	21.3	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	0	0.0	COSMETOLOGY/HAIRSTYLING	0	0.0
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	4	18.3
HOTEL/RESTAURANT MGMT	5	19.8	FIRE PROTECTN/SAFETY TECH	0	0.0
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	0	0.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	2	20.5
INSURANCE & RISK MGMT	0	0.0	LIBRARY SCI/LIB ASSISTING	0	0.0
INTERNATL BUSINESS/MGMT	3	19.0	MILITARY SCIENCE/TECH	0	0.0
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	0	0.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	0	0.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	2	17.5	SOCIAL WORK	1	22.0
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	8	21.6
PERSONNEL MANAGEMENT	0	0.0			
REAL ESTATE	0	0.0			
SML BUSINESS MGMT/OWNRSHIP	2	25.0			
TRADE & INDUSTRIAL MGMT	0	0.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	80	21.2			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(28)	(24.3)	ENGINEERING	(54)	(25.3)
COMPUTER PROGRAMMING	7	24.3	AEROSPACE ENGINEERING	4	23.8
COMPUTER SCIENCE	7	23.6	AGRICULTURAL ENGINEERING	0	0.0
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	0	0.0
INFO SCIENCES & SYSTEMS	0	0.0	BIOENGINEER & BIOMED ENG	2	27.5
MATH/COMPUTER SCIENCE	0	0.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	14	24.6	CHEMICAL ENGINEERING	1	26.0
CROSS-DISC STUDIES	(4)	(20.8)	CIVIL ENGINEERING	3	23.7
AREA & ETHNIC STUDIES	1	21.0	COMPUTER ENGINEERING	1	23.0
LIBERAL ARTS/GEN STUDIES	1	16.0	CONSTRUCTION ENG/MGMT	1	26.0
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	1	28.0
CROSS-DISC STUDIES, GEN	2	23.0	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(48)	(20.1)	ENGINEERING PHYSICS	0	0.0
ADULT & CONTINUING EDUC	0	0.0	ENGINEERING SCIENCE	1	19.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	18	20.5	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	3	20.3	INDUSTRIAL ENGINEERING	0	0.0
PRE-ELEMENTARY EDUCATION	5	20.4	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	6	22.3	MECHANICAL ENGINEERING	10	25.7
STUDENT COUNSELING	0	0.0	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	16	18.6	NAVAL ARCHIT & MARINE ENG	3	24.7
TEACHER EDUCATION	(25)	(19.3)	NUCLEAR ENGINEERING	1	31.0
AGRICULTURAL EDUCATION	0	0.0	OCEAN ENGINEERING	2	24.0
ART EDUCATION	0	0.0	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	4	22.3	ENGINEERING, GENERAL	24	25.6
FOREIGN LANGUAGES EDUC	0	0.0	ENGINEERING-RELATED TECH	(37)	(23.3)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	3	26.7
HUMAN, FAM/CONS SCI EDUC	0	0.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	1	16.0
MATHEMATICS EDUCATION	1	31.0	BIOMEDICAL EQUIPMENT TECH	3	26.7
MUSIC EDUCATION	4	18.8	CIVIL ENGINEERING TECH	3	23.3
PHYSICAL EDUCATION	3	19.0	COMPUTER ENGINEERING TECH	2	30.5
SCIENCE EDUCATION	2	18.0	CONSTRUCTION/BLDG TECH	1	14.0
SOC STUDIES/SOC SCI EDUC	1	16.0	DRAFTING & DESIGN TECH	0	0.0
SPECIAL EDUCATION	1	19.0	ELECTRICAL ENG TECHNOLOGY	2	30.0
SPEECH CORRECTION EDUC	0	0.0	ELECTRONIC ENG TECHNOLOGY	0	0.0
TEACHING ENGL AS 2ND LANG	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	0	0.0	INDUSTRRL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	9	17.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	0	0.0	HUMAN, FAMILY/CONS SCI	(6)	(18.3)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	0	0.0
MECHANICAL ENG TECH	7	20.3	CHILD CARE AIDE/ASSISTING	0	0.0
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	2	17.5
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	0	0.0
ENGINEERING TECH, OTHER	1	27.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	14	22.3	FOOD SCI & NUTR/DIETETICS	0	0.0
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(15)	(23.5)	INDIVIDUAL & FAMILY DEVEL	1	20.0
ASIATIC LANGUAGES	0	0.0	TEXTILES AND CLOTHING	0	0.0
CLASSICAL LANGUAGES	0	0.0	HUMAN, FAM/CONS SCI, GEN	3	18.3
FRENCH	0	0.0			
GERMAN	0	0.0	LETTERS	(9)	(24.8)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	1	27.0
RUSSIAN	1	24.0	CREATIVE WRITING	3	24.0
SPANISH	6	25.0	ENGLISH, GENERAL	2	24.0
FOREIGN LANGUAGES, OTHER	1	27.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	7	21.6	LITERATURE, ENGLISH/AMER	0	0.0
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(165)	(21.7)	LETTERS, GENERAL	3	25.3
CHIROPRACTIC	0	0.0			
DENTAL ASSISTING	0	0.0	MATHEMATICS	(7)	(22.4)
DENTAL HYGIENE	2	19.0	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	1	25.0
DENTISTRY	3	22.3	STATISTICS	1	25.0
EMERG MED TECH/PARAMEDIC	1	19.0	MATHEMATICS, GENERAL	5	21.4
HEALTH CARE ADMIN	1	24.0			
MEDICAL/SURG ASSISTING	2	21.0	PHILOS, RELIG & THEOLOGY	(4)	(22.3)
MEDICAL LAB/TECHNOLOGY	1	23.0	BIBLE STUDIES	0	0.0
MED RECORDS ADMIN/TECH	0	0.0	PHILOSOPHY	1	20.0
MEDICINE	25	24.3	RELIGION	0	0.0
MNTL HLTH & HUM SVCS/TECH	0	0.0	RELIGIOUS EDUCATION	2	22.5
NUCLEAR MEDICINE TECH	0	0.0	RELIGIOUS MUSIC	0	0.0
NURSING (PRACTICAL)	0	0.0	THEOLOGY	1	24.0
NURSING (REGISTERED)	33	20.3	PHILOS, RELIG & THEOL, GEN	0	0.0
OCCUPATNL THERAPY/ASSIST	0	0.0			
OPTOMETRY	0	0.0			
PHARMACY	5	21.0			
PHYSICIAN ASSISTING	3	22.7			
PHYSICAL THERAPY/ASSIST	11	21.6			
RADIOLOGY/RADIOLOGIC TECH	2	17.0			
REC/ART/MUSIC THERAPY	1	26.0			
RESPIRATORY THERAPY/TECH	0	0.0			
SPEECH PATHOL/AUDIOLOGY	1	28.0			
VETERINARIAN ASSISTING	2	24.5			
VETERINARY MEDICINE	6	21.3			
HEALTH SCI & ALLIED, GEN	66	21.3			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	94)	(24.2)	VISUAL/PERFORM ARTS (	66)	(22.0)
ASTRONOMY	2	26.0	APPLIED DESIGN/CRAFTS	1	16.0
ATMOSPHER SCI & METEOROL	1	15.0	ART	3	19.7
BIOCHEMISTRY & BIOPHYSICS	4	26.0	ART HIST & APPRECIATION	0	0.0
BIOLOGY	30	24.1	CINEMATOGRAPHY/FILM/VIDEO	6	22.0
BOTANY	0	0.0	DANCE	3	19.7
CHEMISTRY	9	25.1	DESIGN, GENERAL	1	14.0
EARTH SCIENCE	1	25.0	DRAMA/THEATRE ARTS	9	21.7
ECOLOGY/ENV STUDIES	6	21.7	FINE ARTS, GENERAL	3	18.3
GEOLOGY	1	30.0	GRAPHIC ARTS TECHNOLOGY	0	0.0
MICROBIOLOGY	4	26.3	GRAPHIC DESIGN	2	22.0
OCEANOGRAPHY	6	21.5	MUSIC (LIBERAL ARTS)	4	24.8
PHYSICS	3	29.3	MUSIC PERFORMANCE	6	23.3
ZOOLOGY	4	23.0	MUSIC THEORY & COMPOSIT	2	25.0
SCIENCES (BIO & PHYS), GEN	23	24.3	PHOTOGRAPHY	7	21.7
			VISUAL/PERFORM ARTS, GEN	19	23.2
SOCIAL SCIENCES (	104)	(23.3)	UNDECIDED (	131)	(22.5)
ANTHROPOLOGY	2	28.5			
ECONOMICS	0	0.0			
GEOGRAPHY	0	0.0			
HISTORY	8	23.9			
INTERNATIONAL RELATIONS	7	22.9			
LAW	11	23.0			
PARALEGAL/LEGAL ASSISTING	0	0.0			
POLITICAL SCI/GOVERNMENT	10	27.0			
PSYCHOLOGY	33	20.8			
SOCIOLOGY	2	19.5			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	31	24.7			
TRADE & INDUSTRIAL (	8)	(18.6)			
AIRCRAFT TECHNICIAN	0	0.0			
AIRPLANE PILOTING & NAVIG	1	24.0			
AUTOMOTIVE BODY REPAIR	0	0.0			
AUTOMOTIVE TECHNOLOGY	2	22.5			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCES/REPAIR	0	0.0			
CONSTRCT TRADES & CARPENT	0	0.0			
DIESEL MECHANICS & TECH	0	0.0			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	1	16.0			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	1	16.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	1	18.0			
TRADE & INDUSTRIAL, GEN	2	15.0			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	2	16.0	0	0.0	2	16.0	1	14.0	1	18.0
BUSINESS OPER (04-05)	3	16.0	1	14.0	0	0.0	1	15.0	2	16.5
TECHNICAL (06-07)	9	19.0	1	16.0	7	18.9	6	20.0	3	17.0
SCIENCE & TECH (08-09)	7	16.6	1	19.0	5	16.8	3	17.3	4	16.0
ARTS (10-11)	2	18.5	0	0.0	2	18.5	1	19.0	1	18.0
SOCIAL SERVICE (12-01)	1	16.0	0	0.0	1	16.0	0	0.0	1	16.0
OTHER*	11	19.0	3	21.0	3	19.7	8	19.9	3	16.7
TOTAL	35	18.0	6	18.7	20	18.0	20	19.0	15	16.7
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	105	21.9	68	22.1	30	21.7	40	22.4	65	21.6
BUSINESS OPER (04-05)	67	22.2	35	22.8	23	21.2	29	23.4	38	21.3
TECHNICAL (06-07)	118	22.1	71	22.8	41	20.9	73	21.9	45	22.2
SCIENCE & TECH (08-09)	166	23.4	96	24.1	59	22.1	70	24.0	95	23.0
ARTS (10-11)	148	22.9	86	23.5	48	22.9	43	23.6	104	22.8
SOCIAL SERVICE (12-01)	130	22.1	80	22.6	39	21.4	32	22.8	98	21.9
OTHER*	432	22.2	213	22.6	145	21.7	186	22.9	242	21.6
TOTAL	1166	22.4	649	22.9	385	21.7	473	23.0	687	22.1

* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	378	3.33	3.32	3.46	3.38	3.37	0.50
FEMALE	569	3.44	3.24	3.49	3.34	3.38	0.50
NO RESPONSE	9	3.38	3.28	3.30	3.46	3.36	0.42
AFRICAN-AMERICAN/BLACK	9	3.31	2.73	3.19	3.21	3.13	0.42
CAUCASIAN-AMERICAN/WHITE	751	3.41	3.26	3.49	3.36	3.38	0.50
OTHER MINORITY	66	3.23	3.29	3.41	3.28	3.32	0.48
MISSING/PREFER NO RESP	130	3.42	3.34	3.49	3.39	3.41	0.48
TOTAL	956	3.40	3.27	3.48	3.36	3.38	0.50

APPENDIX

THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.

APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 43, THIS MEANS THAT 43% OF THE TESTED POPULATION WERE AT OR BELOW A SCORE OF 21. TO FIND THE PERCENT OF STUDENTS WHO HAD SCORES STRICTLY BELOW 21, JUST READ THE CUMULATIVE PERCENT VALUE ASSOCIATED WITH THE NEXT LOWER SCALE SCORE VALUE, IN THIS CASE A SCORE OF 20. IN THIS EXAMPLE 36 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	1	99
34	5	99
33	7	99
32	14	99
31	24	98
30	40	97
29	61	94
28	65	90
27	78	86
26	105	81
25	120	75
24	115	67
23	123	60
22	142	52
21	107	43 <-- 43% OF THE STUDENTS SCORE AT OR BELOW 21
20	110	36 <-- 36% OF THE STUDENTS SCORE BELOW 21
19	104	29
18	101	23
17	91	16
16	64	10
15	44	6
14	33	4
13	16	2
12	7	1
11	0	1
10	0	1
9	1	1
8	0	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

