

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

**STATE COMPOSITE FOR
MINNESOTA**

CODE 240-000

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.

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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	27580	11696	67/ 29	22.0/19.4	22.8/19.9	23.1/20.8	22.9/20.8	22.8/20.3
2001-02	27160	11531	66/ 28	22.0/19.3	22.9/19.9	23.2/20.8	22.9/20.8	22.9/20.3
2002-03	27557	12415	64/ 29	22.0/19.3	22.7/19.8	23.2/20.8	22.9/20.8	22.8/20.3
2003-04	26465	12199	63/ 29	22.2/19.6	22.8/20.1	23.3/21.1	22.9/20.9	22.9/20.6
2004-05	25926	11868	62/ 28	22.3/19.9	22.9/20.5	23.3/21.2	23.0/21.1	23.0/20.8

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	41026	21.3	21.9	22.4	22.3	22.1
2001-02	40873	21.2	22.0	22.5	22.3	22.1
2002-03	42892	21.2	21.8	22.4	22.2	22.0
2003-04	42163	21.4	22.0	22.6	22.3	22.2
2004-05	41646	21.6	22.1	22.7	22.4	22.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.3	25.7	26.8	25.0	25.4
Q2 (50TH PERCENTILE - MEDIAN)	21.3	22.0	22.5	22.2	22.1
Q1 (25TH PERCENTILE)	17.8	18.1	18.5	19.6	19.1

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= 536)	(N= 95)	(N= 22134)	(N= 203)	(N= 1154)	(N= 126)
ENGLISH	17.6	20.5	22.6	20.0	19.8	20.8
USAGE/MECH	8.5	10.1	11.4	9.9	9.8	10.2
RHET SKILLS	9.2	10.7	11.7	10.3	10.2	10.9
MATHEMATICS	18.5	20.6	23.1	21.2	21.5	21.0
PRE/ELEM-ALG	9.4	10.8	12.3	11.1	11.2	11.0
ALG/CRD-GEOM	9.2	10.3	11.6	10.6	10.8	10.4
PLANE GEOM/TRIG	9.2	10.6	11.8	10.9	10.9	10.8
READING	18.7	22.1	23.5	21.5	20.8	22.2
SOC STU/SCI	9.4	11.3	12.1	10.8	10.7	11.1
ARTS/LITERATURE	9.4	11.4	12.0	11.0	10.4	11.5
SCIENCE	19.0	21.6	23.2	21.5	21.4	21.1
COMPOSITE	18.6	21.3	23.2	21.2	21.0	21.4
LESS THAN CORE	(N= 482)	(N= 95)	(N= 9530)	(N= 130)	(N= 590)	(N= 75)
ENGLISH	15.2	17.1	20.3	17.5	17.2	18.2
USAGE/MECH	7.0	8.1	10.0	8.2	8.2	8.8
RHET SKILLS	8.0	8.9	10.6	9.3	8.9	9.5
MATHEMATICS	16.8	17.8	20.8	18.7	19.3	18.8
PRE/ELEM-ALG	8.2	8.9	10.8	9.4	9.7	9.5
ALG/CRD-GEOM	8.2	8.6	10.3	9.2	9.7	9.4
PLANE GEOM/TRIG	8.1	8.9	10.7	9.5	9.8	9.4
READING	17.0	19.5	21.6	19.5	18.5	20.6
SOC STU/SCI	8.4	9.9	11.0	9.7	9.4	10.5
ARTS/LITERATURE	8.4	9.8	10.9	10.1	9.1	10.4
SCIENCE	17.4	19.6	21.4	19.9	19.3	19.4
COMPOSITE	16.7	18.6	21.2	19.0	18.7	19.3
NO RESPONSE	(N= 119)	(N= 12)	(N= 2915)	(N= 41)	(N= 166)	(N= 34)

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= 1137)	(N= 202)	(N= 34579)	(N= 374)	(N= 1910)	(N= 235)
ENGLISH	16.3	18.8	21.9	19.1	19.0	19.6
USAGE/MECH	7.7	9.1	11.0	9.2	9.3	9.5
RHET SKILLS	8.5	9.8	11.4	9.9	9.8	10.2
MATHEMATICS	17.6	19.2	22.4	20.2	20.8	20.1
PRE/ELEM-ALG	8.7	9.8	11.9	10.4	10.7	10.4
ALG/CRD-GEOM	8.7	9.5	11.2	10.0	10.4	10.0
PLANE GEOM/TRIG	8.6	9.8	11.5	10.3	10.6	10.3
READING	17.8	20.9	22.9	20.8	20.0	21.4
SOC STU/SCI	8.9	10.6	11.8	10.4	10.2	10.7
ARTS/LITERATURE	8.9	10.6	11.7	10.7	9.9	10.9
SCIENCE	18.2	20.6	22.6	20.9	20.7	20.4
COMPOSITE	17.6	20.0	22.6	20.4	20.3	20.5

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	199 21.0	48 22.9	14537 24.9	99 23.8	719 23.0	47 23.6
3.00 - 3.49	253 18.0	44 19.5	7625 21.3	75 20.5	452 18.9	59 21.1
2.50 - 2.99	215 16.6	39 18.9	3930 19.7	62 18.7	243 17.6	32 19.0
2.00 - 2.49	132 15.9	24 17.7	1687 18.6	29 17.3	116 16.4	21 16.3
1.99 & BELOW	58 15.8	13 17.3	412 17.9	17 16.9	29 15.7	4 20.3
CGPA PRED BY STUDENT						
3.5 - 4.0	168 20.7	32 24.2	9999 25.5	73 24.8	493 24.0	46 23.3
3.0 - 3.4	418 18.2	75 20.1	14303 22.1	144 20.3	731 19.8	91 21.0
2.5 - 2.9	222 16.6	41 18.7	5051 19.8	71 18.2	318 17.8	51 19.1
2.0 - 2.4	119 15.5	31 17.8	1600 18.2	27 16.8	138 16.4	10 17.3
1.9 & BELOW	29 14.9	6 18.5	236 17.4	9 17.0	31 14.6	1 14.0
HIGH SCHOOL RANK						
TOP QUARTER	234 20.6	64 22.1	14992 24.7	99 23.8	696 22.8	59 23.8
2ND QUARTER	333 17.3	53 19.3	10671 21.0	128 19.6	615 19.0	69 20.6
BOTTOM HALF	347 16.5	65 18.4	4614 19.3	84 18.0	336 17.1	59 18.2

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	8957	22	5334	13	1002	2	137	0
	FEMALE	10734	26	7206	17	1572	4	126	0
	TOTAL	19804	48	12602	30	2588	6	265	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	8321	20	4070	10	2872	7	165	0
	FEMALE	10085	24	4894	12	4507	11	146	0
	TOTAL	18498	44	9023	22	7417	18	312	1
GRADING PRACTICES & POLICIES	MALE	7098	17	5885	14	2261	5	171	0
	FEMALE	9279	22	7338	18	2863	7	136	0
	TOTAL	16469	40	13292	32	5151	12	308	1
NO. & KINDS OF TESTS GIVEN	MALE	6864	16	6794	16	1589	4	165	0
	FEMALE	8384	20	8785	21	2309	6	133	0
	TOTAL	15339	37	15651	38	3923	9	300	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	7554	18	4903	12	2001	5	949	2
	FEMALE	9580	23	5629	14	3537	8	874	2
	TOTAL	17244	41	10581	25	5561	13	1832	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	5740	14	5569	13	3816	9	276	1
	FEMALE	7513	18	7082	17	4786	11	232	1
	TOTAL	13339	32	12708	31	8646	21	512	1
LIBRARY OR LEARNING CENTER	MALE	8631	21	4979	12	1518	4	285	1
	FEMALE	11202	27	5951	14	2135	5	325	1
	TOTAL	19943	48	10985	26	3673	9	615	1
LABORATORY FACILITIES	MALE	7545	18	5561	13	1925	5	370	1
	FEMALE	9038	22	7162	17	2898	7	515	1
	TOTAL	16677	40	12794	31	4842	12	892	2
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	5404	13	4825	12	1045	3	4117	10
	FEMALE	6818	16	5843	14	1642	4	5299	13
	TOTAL	12313	30	10720	26	2700	6	9451	23
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	7970	19	4594	11	1397	3	1434	3
	FEMALE	10667	26	5337	13	2102	5	1497	4
	TOTAL	18749	45	9978	24	3522	8	2940	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	6204	15	5967	14	2124	5	1068	3
	FEMALE	7621	18	7191	17	3375	8	1362	3
	TOTAL	13919	33	13212	32	5534	13	2437	6

NUMBER OF STUDENTS - 41646

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 41646)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	60	99	72	99	341	99	125	99	8	99
35	217	99	215	99	409	99	226	99	82	99
34	637	99	372	99	836	98	266	99	169	99
33	496	98	302	98	804	96	183	99	297	99
32	582	97	490	98	756	94	547	98	516	99
31	676	95	565	97	1073	92	261	97	724	97
30	741	94	738	95	1494	90	578	96	1005	96
29	1541	92	1351	93	1344	86	1053	95	1191	93
28	1472	88	1579	90	1501	83	1317	92	1600	90
27	1566	85	2512	86	2509	79	1571	89	2142	87
26	1992	81	2770	80	2217	73	2559	85	2430	81
25	2369	76	2427	74	1984	68	3235	79	2808	76
24	2462	70	3201	68	2440	63	3339	71	3102	69
23	2259	64	3202	60	3063	57	4569	63	3335	61
22	3141	59	2236	52	2653	50	3317	52	3528	53
21	3074	51	2353	47	2165	44	4590	44	3605	45
20	3365	44	3016	41	3345	39	4089	33	3351	36
19	2903	36	2667	34	2403	31	3106	24	3025	28
18	2255	29	2990	28	1823	25	2526	16	2753	21
17	2243	24	3215	21	2061	20	1312	10	2077	14
16	1633	18	2871	13	1635	15	1145	7	1532	9
15	2073	14	1477	6	1364	12	613	4	1068	6
14	1300	9	652	2	1506	8	386	3	685	3
13	748	6	277	1	905	5	292	2	344	1
12	600	4	66	1	626	2	200	1	172	1
11	432	3	25	1	243	1	131	1	65	1
10	319	2	2	1	68	1	65	1	27	1
9	194	1	2	1	40	1	29	1	3	1
8	198	1	1	1	17	1	10	1	2	1
7	78	1	0	1	12	1	3	1	0	1
6	12	1	0	1	5	1	3	1	0	1
5	5	1	0	1	3	1	0	1	0	1
4	3	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	1	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	1410	3	961	2	2390	6	800	2	556	1
28-32	5012	12	4723	11	6168	15	3756	9	5036	12
24-27	8389	20	10910	26	9150	22	10704	26	10482	25
20-23	11839	28	10807	26	11226	27	16565	40	13819	33
16-19	9034	22	11743	28	7922	19	8089	19	9387	23
13-15	4121	10	2406	6	3775	9	1291	3	2097	5
01-12	1841	4	96	0	1015	2	441	1	269	1

AVG(SD) 21.6(5.5) 22.1(4.8) 22.7(5.7) 22.4(4.2) 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 = 41646)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	1167	99	317	99	967	99	1814	99	18
17	1785	97	786	99	2511	98	2291	96	17
16	1528	93	2115	97	2646	92	2725	90	16
15	2945	89	2853	92	3269	85	3248	84	15
14	2603	82	3782	85	3485	77	2796	76	14
13	2901	76	3653	76	3470	69	3547	69	13
12	3903	69	5574	68	4734	61	5129	61	12
11	4249	60	5299	54	4005	49	3613	48	11
10	4305	49	5516	41	4607	40	3581	40	10
9	4432	39	4469	28	3848	29	3202	31	9
8	3982	28	3345	17	4050	19	2928	23	8
7	3149	19	1773	9	1901	10	2788	16	7
6	2180	11	1117	5	1107	5	2019	10	6
5	1214	6	594	3	485	3	1418	5	5
4	854	3	332	1	322	1	402	1	4
3	336	1	97	1	164	1	108	1	3
2	108	1	21	1	62	1	35	1	2
1	5	1	3	1	13	1	2	1	1
AVERAGE		10.8		11.2		11.6		11.5	
S.D.		3.5		2.9		3.3		3.6	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	1247	99	385	99	323	99	18	
17	1651	97	490	99	389	99	17	
16	2883	93	1135	98	1588	98	16	
15	2685	86	1732	95	2780	94	15	
14	4959	80	4625	91	4355	88	14	
13	4437	68	3052	80	5049	77	13	
12	3440	57	7027	73	5932	65	12	
11	4259	49	5408	56	4303	51	11	
10	4162	39	5289	43	7510	41	10	
9	3301	29	6507	30	3683	23	9	
8	4642	21	2616	14	2407	14	8	
7	2769	10	1228	8	1603	8	7	
6	881	3	830	5	929	4	6	
5	226	1	791	3	73	2	5	
4	72	1	264	1	495	2	4	
3	24	1	189	1	26	1	3	
2	8	1	33	1	166	1	2	
1	0	1	45	1	35	1	1	
AVERAGE		11.7		11.0		11.3		
S.D.		3.2		2.7		2.7		

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	18597	21.2	5.5	23.0	5.0	22.5	5.8	23.0	4.4	22.5	4.6
FEMALES	22755	21.9	5.5	21.5	4.6	22.8	5.7	21.9	4.0	22.2	4.4
NO RESPONSE	294	21.0	5.9	21.6	4.8	22.1	6.1	22.0	4.4	21.8	4.7

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	3	4	4	1	6	6	3	1	2	1		
28-32	11	13	14	9	14	15	11	7	13	11		
24-27	19	21	29	24	21	22	29	23	25	25		
20-23	29	28	25	27	27	27	38	42	33	33		
16-19	23	21	24	31	20	18	16	22	21	23		
13-15	11	9	4	7	10	9	3	4	5	5		
01-12	5	4	0	0	3	2	1	1	1	1		

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	7229	20	24.3	192	13	188	12	5014	26	1835	13
GOOD	16620	46	22.3	648	44	710	46	8905	46	6357	47
AVERAGE	7571	21	20.7	386	26	432	28	3071	16	3682	27
BELOW AVERAGE	1355	4	20.5	77	5	102	7	516	3	660	5
VERY INADEQUATE	1853	5	21.6	115	8	91	6	1012	5	635	5
NO RESPONSE	1443	4	22.8	55	4	36	2	876	5	476	3
NO. OF STUDENTS	36071			1473		1559		19394		13645	

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	41646	21.6	5.5	22.1	4.8	22.7	5.7	22.4	4.2	22.3	4.5
COLLEGE CORE											
E4, M3, SS3, NS3	25926	22.3	5.3	22.9	4.7	23.3	5.6	23.0	4.1	23.0	4.3
In between	6707	20.0	5.5	20.4	4.6	21.3	5.7	21.0	4.2	20.8	4.4
E4, M2, SS2, NS2	5161	19.7	5.7	20.6	4.8	21.1	5.8	21.1	4.4	20.8	4.6
No Response	3852	21.7	5.8	22.0	4.9	22.8	5.9	22.3	4.4	22.3	4.7
HS GPA RANGES											
3.50 - 4.00	16719	24.4	5.0	24.7	4.4	25.2	5.3	24.3	3.9	24.8	4.0
3.00 - 3.49	9100	20.2	4.6	20.9	3.9	21.4	5.1	21.5	3.6	21.1	3.6
2.50 - 2.99	4833	18.3	4.5	19.2	3.7	19.7	4.9	20.2	3.5	19.5	3.5
2.00 - 2.49	2173	17.0	4.4	17.9	3.2	18.4	4.7	19.0	3.6	18.2	3.3
1.99 & below	580	16.3	4.6	17.4	3.2	17.8	4.9	18.5	3.7	17.6	3.4

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	15576	37	3.47	21.8	22.5
ENG 9, ENG 10, ENG 11, ENG 12	18690	45	3.38	21.6	22.4
LESS THAN 4 YEARS OF ENGLISH	3444	8	3.29	20.4	21.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	3936	9	- . -	21.7	22.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	3222	8	3.60	25.0	24.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	4468	11	3.37	22.4	22.6
ALG 1, ALG 2, GEOM, TRIG	3668	9	3.18	21.0	21.4
ALG 1, ALG 2, GEOM, OTHER ADV MATH	4224	10	3.19	21.3	21.7
ALG 1, ALG 2, GEOM	5384	13	2.78	18.9	19.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	10596	25	3.59	25.0	24.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	1620	4	3.26	22.1	22.3
LESS THAN 3 YEARS OF MATH	4060	10	2.77	18.9	19.5
NO MATH COURSE/GRADE INFORMATION REPORTED	4404	11	- . -	21.8	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	718	2	3.37	23.2	22.8
US HIST, WORLD HIST, AM GOVT	1075	3	3.28	22.1	21.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	19775	47	3.50	22.8	22.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	11060	27	3.41	22.7	22.4
LESS THAN 3 YEARS OF SOC SCI	4800	12	3.28	22.0	21.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	4218	10	- . -	22.7	22.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	17043	41	3.51	23.7	23.8
BIOLOGY, CHEMISTRY, PHYSICS	1195	3	3.34	23.9	24.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	12585	30	3.20	21.5	21.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	1348	3	3.23	22.0	22.0
LESS THAN 3 YEARS OF NAT SCI	5219	13	2.92	20.1	19.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	4256	10	- . -	22.3	22.3

STATE COMPOSITE FOR
MINNESOTATABLE 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	6589	35	3.31	21.3	22.7
ENG 9, ENG 10, ENG 11, ENG 12	8221	44	3.24	21.2	22.6
LESS THAN 4 YEARS OF ENGLISH	1734	9	3.16	20.4	21.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	2053	11	- . -	21.3	22.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1485	8	3.56	25.8	24.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1744	9	3.29	23.1	22.7
ALG 1, ALG 2, GEOM, TRIG	1514	8	3.08	21.5	21.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1561	8	3.09	22.0	21.7
ALG 1, ALG 2, GEOM	2167	12	2.70	19.5	19.8
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	5240	28	3.54	25.6	24.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	808	4	3.18	22.7	22.4
LESS THAN 3 YEARS OF MATH	1779	10	2.71	19.7	19.7
NO MATH COURSE/GRADE INFORMATION REPORTED	2299	12	- . -	22.4	22.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	363	2	3.30	23.0	22.9
US HIST, WORLD HIST, AM GOVT	567	3	3.19	21.8	21.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	8398	45	3.44	22.6	22.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	4747	26	3.33	22.4	22.6
LESS THAN 3 YEARS OF SOC SCI	2295	12	3.23	21.9	22.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	2227	12	- . -	22.5	22.4
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	8222	44	3.46	24.4	24.0
BIOLOGY, CHEMISTRY, PHYSICS	556	3	3.29	24.5	24.5
GEN SCIENCE, BIOLOGY, CHEMISTRY	4481	24	3.05	21.9	21.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	770	4	3.16	22.5	22.0
LESS THAN 3 YEARS OF NAT SCI	2313	12	2.87	20.6	19.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	2255	12	- . -	22.8	22.4

STATE COMPOSITE FOR
MINNESOTATABLE 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	8898	39	3.58	22.2	22.4
ENG 9, ENG 10, ENG 11, ENG 12	10359	46	3.50	21.9	22.2
LESS THAN 4 YEARS OF ENGLISH	1671	7	3.42	20.5	21.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1827	8	- . -	22.1	22.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1720	8	3.64	24.4	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	2702	12	3.42	21.9	22.6
ALG 1, ALG 2, GEOM, TRIG	2132	9	3.25	20.7	21.5
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2636	12	3.26	20.9	21.7
ALG 1, ALG 2, GEOM	3177	14	2.83	18.6	19.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	5294	23	3.64	24.3	24.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	797	4	3.33	21.4	22.3
LESS THAN 3 YEARS OF MATH	2254	10	2.82	18.3	19.4
NO MATH COURSE/GRADE INFORMATION REPORTED	2043	9	- . -	21.0	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	351	2	3.44	23.5	22.6
US HIST, WORLD HIST, AM GOVT	501	2	3.39	22.5	21.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	11266	50	3.55	23.0	22.3
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	6248	27	3.47	22.9	22.3
LESS THAN 3 YEARS OF SOC SCI	2459	11	3.32	22.1	21.4
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1930	8	- . -	23.0	22.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	8721	38	3.55	23.1	23.5
BIOLOGY, CHEMISTRY, PHYSICS	631	3	3.38	23.3	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	8028	35	3.28	21.3	21.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	574	3	3.32	21.5	21.9
LESS THAN 3 YEARS OF NAT SCI	2863	13	2.96	19.7	19.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1938	9	- . -	21.8	22.2

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	523	20.3	27	53	3	3	1	1	2	2
ARCH & ENVIR DESIGN	979	21.8	32	51	4	4	2	3	3	3
BUSINESS & MGMT	3525	21.6	24	55	14	13	9	8	11	10
BUSINESS & OFFICE	186	20.6	19	54	0	0	1	1	1	1
MARKETING & DISTRIBUTION	287	21.4	21	54	1	1	1	1	1	1
COMMUNICATION & COMM TEC	1060	22.6	26	53	3	3	4	4	3	4
COMMUNITY & PRSNL SVCS	1066	19.8	38	47	3	3	3	4	3	4
COMPUTER & INFO SCI	815	23.1	31	53	5	5	0	0	2	2
CROSS-DISC STUDIES	56	24.1	14	41	0	0	0	0	0	0
EDUCATION	1535	21.7	36	49	2	2	7	7	5	5
TEACHER EDUCATION	919	21.6	35	49	2	3	3	4	3	4
ENGINEERING	1475	24.1	23	56	9	8	1	1	4	4
ENGINEERING-RELATED TECH	859	23.3	24	54	6	6	0	0	3	3
FOREIGN LANGUAGES	274	24.1	31	46	0	0	1	1	1	0
HEALTH SCI & ALLIED HLTH	5964	21.7	39	48	9	10	25	27	18	20
HUMAN, FAMILY/CONS SCI	300	20.1	33	44	0	0	1	2	1	1
LETTERS	266	25.3	24	55	1	0	1	1	1	1
MATHEMATICS	244	26.0	20	57	1	1	1	0	1	0
PHILOS, RELIG & THEOL	301	23.4	34	46	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	1850	24.6	27	55	5	5	6	4	6	4
SOCIAL SCIENCES	2420	23.3	31	51	5	4	9	9	7	7
TRADE & INDUSTRIAL	483	19.9	31	49	3	4	0	0	1	2
VISUAL & PERFORM ARTS	1992	22.5	34	48	6	6	6	7	6	7
UNDECIDED	5487	22.3	5	11	18	16	16	13	17	14
NO RESPONSE	8780									

NUMBER OF STUDENTS - 41646

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	3032	19.8 7	AFRICAN-AMER/BLACK	1137	17.6 3
COLL PREP	19394	23.8 47	AM INDIAN,ALASKAN NTV	202	20.0 0
OTHER/GENERAL/NO RESP	19220	21.3 46	CAUCASIAN-AMER/WHITE	34579	22.6 83
REQUEST ASSISTANCE WITH			MEXICAN-AMER/CHICANO	374	20.4 1
ED/OCCUP PLANS	16409	22.3 39	ASIAN-AMER,PACIFIC ISL	1910	20.3 5
EXPR IDEAS IN WRITING	5653	20.8 14	PUERTO RICAN,HISPANIC	235	20.5 1
READING/COMPREHENSION	7672	20.1 18	OTHER	435	20.2 1
STUDY SKILLS	12490	20.8 30	MULTIRACIAL	554	22.1 1
MATH SKILLS	10808	20.2 26	PREFER NOT TO RESPOND	981	23.7 2
PERSONAL CONCERNS	2491	20.7 6	NO RESPONSE	1239	23.4 3
EXPRESSED FIN NEED			ESTIMATED FAMILY INCOME		
NEED FINANCIAL AID	32785	22.3 79	LESS THAN \$18,000	1743	19.3 4
NEED TO FIND WORK	28137	22.1 68	ABOUT \$18,000-\$24,000	1415	20.1 3
SPECIAL COLLEGE PROG			ABOUT \$24,000-\$30,000	1600	20.7 4
INDEP STUDY	13662	23.1 33	ABOUT \$30,000-\$36,000	1806	21.2 4
HONORS COURSES	10730	25.1 26	ABOUT \$36,000-\$42,000	2317	21.5 6
ADV PLACEMENT IN COLL			ABOUT \$42,000-\$50,000	3047	21.9 7
ENGLISH	9865	24.3 24	ABOUT \$50,000-\$60,000	3955	22.1 9
MATH	9592	24.7 23	ABOUT \$60,000-\$80,000	6282	22.4 15
SOCIAL STUDIES	9097	24.2 22	ABOUT \$80,000-\$100,000	4808	23.0 12
NATURAL SCIENCE	7405	24.4 18	MORE THAN \$100,000	6033	24.0 14
FOREIGN LANG	8118	23.9 19	NO RESPONSE	8640	22.7 21
MAX YEARLY COLL TUITION			HS CLASS RANK		
\$1000 & UNDER	476	18.0 1	TOP QTR	17268	24.6 41
\$1001 - \$2000	594	18.9 1	2ND QTR	12693	20.8 30
\$2001 - \$4000	2565	20.0 6	3RD QTR	5276	19.0 13
\$4001 - \$7500	6503	21.4 16	4TH QTR	662	18.4 2
\$7501 & OVER	3018	22.1 7	NO RESPONSE	5747	22.3 14
NO PREFERENCE	22022	23.0 53	EDUC DEG ASPIRATION		
NO RESPONSE	6468	22.8 16	VOC-TECH	426	18.7 1
MOST RECENTLY TESTED			2YR COL DEGREE	1750	18.6 4
SOPHOMORE	141	23.0 0	BACHELORS DEGREE	17086	21.6 41
JUNIOR	20630	23.1 50	GRAD STUDY	7082	24.1 17
SENIOR	18457	21.4 44	PROF LEVEL DEGREE	9513	23.6 23
OTHER/NO RESPONSE	2418	22.9 6	OTHER	1041	19.5 2
COLLEGE CORE PREPARATION			NO RESPONSE	4748	22.3 11
CORE OR MORE	25926	23.0 62	NUMBER OF STUDENTS		
LESS THAN CORE	11868	20.8 28	HOME SCHOOLED	382	23.5 1
NO RESPONSE	3852	22.3 9	EARNED A GED	16	19.8 0
			ALL STUDENTS	41646	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	
2156 U MINNESOTA-TWIN C	MN	12615	5218	7397	1	4	18	34	29	13	1	
2157 U MINNESOTA-DULUTH	MN	8035	2232	5803	0	3	23	40	26	8	0	
2144 ST CLOUD STATE UNIV	MN	6330	1782	4548	1	5	31	41	18	3	0	
2126 MINN ST U-MANKATO	MN	5624	1813	3811	1	6	30	41	18	4	0	
2162 WINONA STATE UNIV	MN	3283	876	2407	0	5	27	42	21	5	0	
2102 UNIV OF ST THOMAS-MN	MN	2914	614	2300	1	4	17	35	30	13	1	
3202 NORTH DAKOTA STATE U	ND	2667	719	1948	0	3	22	39	26	9	1	
4656 U OF WISC-MADISON	WI	2491	605	1886	0	1	6	24	40	27	3	
2134 MINN ST U MOORHEAD	MN	2214	605	1609	0	6	31	39	19	5	0	
3218 U OF NORTH DAKOTA	ND	2140	641	1499	0	3	22	40	26	8	1	
2140 C ST BENS/ST JOHNS U	MN	2112	749	1363	0	2	13	35	34	15	1	
2084 BEMIDJI STATE UNIV	MN	2071	635	1436	0	5	31	39	20	5	0	
2112 GUSTAVUS ADOLPHUS C	MN	1834	448	1386	0	2	11	31	35	19	1	
4670 U OF WISC-EAU CLAIRE	WI	1599	309	1290	0	2	17	39	32	9	0	
4678 U OF WISC-RIVER FLLS	WI	1514	346	1168	0	5	27	40	24	4	0	
2150 SAINT OLAF COLLEGE	MN	1493	342	1151	0	1	10	26	35	25	3	
2104 CONCORDIA C-MOORHEAD	MN	1394	406	988	0	4	18	35	29	14	0	
2088 BETHEL UNIVERSITY	MN	1393	526	867	1	2	18	35	29	14	1	
2155 U MINNESOTA-MORRIS	MN	1345	283	1062	1	3	18	32	31	15	1	
2114 HAMLINE UNIVERSITY	MN	1199	250	949	2	5	21	29	28	13	1	
4672 U OF WISC-LA CROSSE	WI	1068	181	887	0	2	19	43	28	8	0	
4652 U OF WISC-STOUT	WI	1062	268	794	0	6	28	40	22	4	0	
2080 AUGSBURG COLLEGE	MN	1028	231	797	2	8	21	36	24	9	0	
2138 NORTHWESTERN COLL-MN	MN	991	281	710	0	5	19	34	29	13	0	
3924 SOUTH DAKOTA STATE U	SD	971	304	667	0	3	24	37	28	7	0	
2098 COLL ST SCHOLASTICA	MN	914	221	693	1	3	18	38	30	11	0	
1320 IOWA STATE UNIV	IA	907	219	688	0	2	13	30	32	21	2	
2151 SOUTHWEST MINN ST U	MN	832	235	597	1	6	30	38	20	5	0	
2096 C OF ST CATHERINE-SP	MN	749	222	527	3	7	28	30	22	10	1	
2123 NORMANDALE COMM COLL	MN	741	204	537	1	12	37	33	13	4	0	
2106 CONCORDIA U-ST PAUL	MN	733	104	629	2	11	28	30	21	8	0	
2959 CENTURY COMM TECH C	MN	677	223	454	3	17	38	29	12	1	0	
2092 CARLETON COLLEGE	MN	660	185	475	0	2	6	15	29	40	9	
2122 MACALESTER COLLEGE	MN	660	116	544	1	4	12	19	28	31	5	
2142 ROCHESTER COMM/TCH C	MN	634	223	411	1	11	38	37	10	3	0	
ALL OTHER INSTITUTIONS		39600	9499	30101	1	6	23	30	24	14	2	
TOTALS		116494	32115	84379	1	5	22	34	25	12	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	(523)	(20.3)	BUSINESS & OFFICE	(186)	(20.6)
AGRICULTURAL BUSINESS	25	21.6	BOOKKEEPING/ACCT TECH	16	23.4
AGRICULTURAL ECONOMICS	3	17.7	BUSINESS DP/COMPUTER OPER	4	20.0
AGRICULTURAL MECHANICS	11	19.0	COURT REPORTING	1	14.0
AGRI PRODUCTION/TECH	7	20.9	OFFICE SUPERVISION & MGMT	12	20.8
AGRONOMY	10	19.2	SECRETARIAL	16	19.3
ANIMAL SCIENCES	54	21.9	TYPING & GENERAL OFFICE	3	17.3
FARM & RANCH MANAGEMENT	21	19.9	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	124	20.1	BUSINESS & OFFICE, GEN	134	20.5
FOOD SCIENCES/ENGINEERING	6	23.2			
FORESTRY & RELATED SCI	14	19.6	MARKETING & DISTRIBUTION	(287)	(21.4)
HORTICULTURE/ORNMENTAL HORT	6	22.5	FASHION MERCHANDISING	52	21.0
NATURAL RESOURCES MGMT	16	20.9	RETAILING & SALES	27	20.6
AGRICULTURE & AG TECH, GEN	226	19.8	TRAVEL SERVICES & TOURISM	5	20.6
			MARKETING & DISTRIB, GEN	203	21.7
ARCH & ENVIR DESIGN	(979)	(21.8)			
ARCHITECTURAL DRAFTING	158	21.1	COMMUNICATIONS & COMM TECH	(1060)	(22.6)
ARCHITECTURE	176	24.0	ADVERTISING	80	21.7
BLDG CON/CONSTRUCTION SCI	33	19.2	GRAPHIC/COMMERCIAL ART	61	22.0
CITY, COMM & REG PLANNING	1	20.0	GRAPHIC & PRINT COMMUNIC	10	19.2
ENVIRONMENTAL DESIGN	1	25.0	JOURNALISM	245	24.2
INTERIOR DESIGN	158	20.9	PHOTO/FILM/VIDEO TECH	53	20.8
LANDSCAPE ARCHITECTURE	33	20.6	PUBLIC RELATIONS	34	23.7
ARCHI & ENVIR DESIGN, GEN	419	21.8	RADIO/TV BROADCASTING	94	21.7
			RADIO/TV PRODUCTN & TECH	17	20.6
BUSINESS & MGMT	(3525)	(21.6)	COMMUNIC & COMM TECH, GEN	466	22.5
ACCOUNTING	292	21.9			
BANKING & FINANCE	86	22.6	COMMNTY & PRSNL SVCS	(1066)	(19.8)
BUSINESS ADMIN & MGMT	374	21.8	CORRECTIONS	9	18.8
BUSINESS ECONOMICS	44	24.1	COSMETOLOGY/HAIRSTYLING	73	18.3
CONTRACT MGMT & PURCHSING	4	20.8	CRIMINAL JUSTICE/CRIMINOL	239	20.6
HOTEL/RESTAURANT MGMT	43	19.6	FIRE PROTECTN/SAFETY TECH	15	19.0
HUMAN RESOURCE DEVEL/TRNG	1	17.0	FUNERAL SVCS/MORTUARY SCI	9	19.8
INSTITUTIONAL MANAGEMENT	1	23.0	LAW ENFORCEMENT & ADMIN	235	19.6
INSURANCE & RISK MGMT	4	20.8	LIBRARY SCI/LIB ASSISTING	6	22.7
INTERNATL BUSINESS/MGMT	107	22.7	MILITARY SCIENCE/TECH	11	20.8
LABOR/INDUSTRL RELATIONS	1	19.0	PARKS & RECREATION	3	18.0
MANAGEMENT INFO SYSTEMS	4	20.3	PUBLIC ADMINISTRATION	4	18.3
MANAGEMENT SCIENCE	5	22.2	PUBLIC AFFAIRS	1	23.0
MARKETING MGMT & RESEARCH	106	21.5	SOCIAL WORK	137	19.9
ORGANIZATIONAL BEHAVIOR	4	19.8	COMMNTY & PRSNL SVCS, GEN	324	19.5
PERSONNEL MANAGEMENT	9	21.3			
REAL ESTATE	50	20.1			
SML BUSINESS MGMT/OWNRSHIP	154	20.7			
TRADE & INDUSTRIAL MGMT	3	16.0			
TRANSPORTATION MANAGEMENT	2	22.5			
BUSINESS & MGMT, GEN	2231	21.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(815)	(23.1)	ENGINEERING	(1475)	(24.1)
COMPUTER PROGRAMMING	244	23.0	AEROSPACE ENGINEERING	108	25.5
COMPUTER SCIENCE	196	23.8	AGRICULTURAL ENGINEERING	15	20.9
DATA PROCESSING	5	19.6	ARCHITECTURAL ENGINEERING	16	25.9
INFO SCIENCES & SYSTEMS	15	22.0	BIOENGINEER & BIOMED ENG	36	28.1
MATH/COMPUTER SCIENCE	18	26.3	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	337	22.7	CHEMICAL ENGINEERING	61	26.5
CROSS-DISC STUDIES	(56)	(24.1)	CIVIL ENGINEERING	65	24.5
AREA & ETHNIC STUDIES	5	20.4	COMPUTER ENGINEERING	60	23.2
LIBERAL ARTS/GEN STUDIES	29	24.1	CONSTRUCTION ENG/MGMT	36	20.5
MULTI-/INTERDISC STUDIES	7	27.3	ELECTRCL & ELECTRONIC ENG	87	23.4
CROSS-DISC STUDIES, GEN	15	23.7	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(1535)	(21.7)	ENGINEERING PHYSICS	17	26.5
ADULT & CONTINUING EDUC	5	24.2	ENGINEERING SCIENCE	6	23.2
EDUCATION ADMINISTRATION	11	20.5	ENVIRONMENTAL HEALTH ENG	3	27.7
ELEMENTARY EDUCATION	479	21.1	GEOLOGICAL & GEOPHYS ENG	1	31.0
JR HIGH/MIDDLE SCH EDUC	65	21.5	INDUSTRIAL ENGINEERING	7	22.6
PRE-ELEMENTARY EDUCATION	63	20.0	MATERIALS ENGINEERING	5	24.0
SECONDARY EDUCATION	196	23.9	MECHANICAL ENGINEERING	206	23.2
STUDENT COUNSELING	20	20.5	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	2	14.5	MINING & MINERAL ENG	1	26.0
EDUCATION, GENERAL	694	21.7	NAVAL ARCHIT & MARINE ENG	1	29.0
TEACHER EDUCATION	(919)	(21.6)	NUCLEAR ENGINEERING	7	25.6
AGRICULTURAL EDUCATION	5	22.8	OCEAN ENGINEERING	2	21.5
ART EDUCATION	35	20.2	PETROLEUM ENGINEERING	1	18.0
BUSINESS EDUCATION	5	20.6	SYSTEMS ENGINEERING	1	18.0
ENGLISH EDUCATION	69	23.6	ENGINEERING, GENERAL	733	24.1
FOREIGN LANGUAGES EDUC	12	24.3	ENGINEERING-RELATED TECH	(859)	(23.3)
HEALTH EDUCATION	2	21.0	AERONAUTICAL TECHNOLOGY	57	24.4
HUMAN, FAM/CONS SCI EDUC	4	19.5	AC, HEATING, REFRIG TECH	5	18.2
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	34	23.3
MATHEMATICS EDUCATION	48	23.3	BIOMEDICAL EQUIPMENT TECH	9	29.8
MUSIC EDUCATION	98	23.6	CIVIL ENGINEERING TECH	23	23.8
PHYSICAL EDUCATION	81	19.3	COMPUTER ENGINEERING TECH	61	23.6
SCIENCE EDUCATION	22	23.5	CONSTRUCTION/BLDG TECH	22	19.2
SOC STUDIES/SOC SCI EDUC	62	21.4	DRAFTING & DESIGN TECH	13	21.0
SPECIAL EDUCATION	30	20.0	ELECTRICAL ENG TECHNOLOGY	48	21.5
SPEECH CORRECTION EDUC	5	19.2	ELECTRONIC ENG TECHNOLOGY	23	22.0
TEACHING ENGL AS 2ND LANG	7	20.0	ELECTROMECHAN INSTR TECH	2	18.5
TECH/TRADE & IND ED	4	23.0	ENVIRONMENTAL CONTRL TECH	3	23.3
TEACHER EDUCATION, OTHER	19	19.9	INDUSTRIL PRODUCTION TECH	3	22.3
TEACHER EDUCATION, GEN	411	21.2			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	1	23.0	HUMAN, FAMILY/CONS SCI	(300)	(20.1)
MANUFACTURING TECHNOLOGY	9	20.3	CHILD DEV, CARE, GUIDANCE	40	19.6
MECHANICAL ENG TECH	100	22.9	CHILD CARE AIDE/ASSISTING	3	20.0
MINING & PETROLEUM TECH	1	25.0	CULINARY ARTS	49	20.5
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	3	17.7
SURVEYING & MAPPING TECH	6	19.8	FASHION DESIGN	34	20.6
ENGINEERING TECH, OTHER	24	22.5	FOOD PRODUCTN, MGMT, SVCS	8	19.9
ENGINEER-RELATD TECH, GEN	415	23.8	FOOD SCI & NUTR/DIETETICS	25	22.4
			HUMAN ENVIRON & HOUSING	1	16.0
FOREIGN LANGUAGES	(274)	(24.1)	INDIVIDUAL & FAMILY DEVEL	4	19.0
ASIATIC LANGUAGES	31	22.0	TEXTILES AND CLOTHING	5	25.8
CLASSICAL LANGUAGES	8	27.0	HUMAN, FAM/CONS SCI, GEN	128	19.5
FRENCH	27	24.6			
GERMAN	21	24.1	LETTERS	(266)	(25.3)
ITALIAN	0	0.0	CLASSICS	2	28.0
MIDDLE EASTERN LANGUAGES	2	27.5	COMPARATIVE LITERATURE	5	24.6
RUSSIAN	3	26.0	CREATIVE WRITING	84	24.8
SPANISH	88	24.4	ENGLISH, GENERAL	81	26.0
FOREIGN LANGUAGES, OTHER	14	21.0	LINGUISTICS	9	20.8
FOREIGN LANGUAGES, GEN	80	24.4	LITERATURE, ENGLISH/AMER	29	26.0
			SPEECH & RHETORICAL STUDY	2	20.0
HEALTH SCI & ALLIED HLTH	(5964)	(21.7)	LETTERS, GENERAL	54	25.3
CHIROPRACTIC	60	21.2			
DENTAL ASSISTING	18	18.0	MATHEMATICS	(244)	(26.0)
DENTAL HYGIENE	110	19.5	ACTUARIAL SCIENCES	20	26.4
DENTAL LAB/TECHNOLOGY	6	18.5	APPLIED MATHEMATICS	19	25.2
DENTISTRY	174	22.2	STATISTICS	12	23.6
EMERG MED TECH/PARAMEDIC	24	18.7	MATHEMATICS, GENERAL	193	26.1
HEALTH CARE ADMIN	17	20.1			
MEDICAL/SURG ASSISTING	74	19.5	PHILOS, RELIG & THEOLOGY	(301)	(23.4)
MEDICAL LAB/TECHNOLOGY	42	21.4	BIBLE STUDIES	20	20.7
MED RECORDS ADMIN/TECH	14	19.1	PHILOSOPHY	29	26.6
MEDICINE	788	24.2	RELIGION	33	21.2
MNTL HLTH & HUM SVCS/TECH	35	19.3	RELIGIOUS EDUCATION	37	23.2
NUCLEAR MEDICINE TECH	6	22.3	RELIGIOUS MUSIC	12	21.8
NURSING (PRACTICAL)	109	19.1	THEOLOGY	28	23.4
NURSING (REGISTERED)	873	20.5	PHILOS, RELIG & THEOL, GEN	142	23.8
OCCUPATNL THERAPY/ASSIST	39	21.2			
OPTOMETRY	39	22.1			
PHARMACY	278	23.4			
PHYSICIAN ASSISTING	35	20.9			
PHYSICAL THERAPY/ASSIST	380	21.6			
RADIOLOGY/RADIOLOGIC TECH	110	19.9			
REC/ART/MUSIC THERAPY	12	21.8			
RESPIRATORY THERAPY/TECH	4	20.8			
SPEECH PATHOL/AUDIOLOGY	15	22.7			
VETERINARIAN ASSISTING	46	18.8			
VETERINARY MEDICINE	198	23.0			
HEALTH SCI & ALLIED, GEN	2458	21.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	1850)	(24.6)	VISUAL/PERFORM ARTS	(1992)	(22.5)
ASTRONOMY	34	23.0	APPLIED DESIGN/CRAFTS	11	21.7
ATMOSPHER SCI & METEOROL	50	23.3	ART	158	21.8
BIOCHEMISTRY & BIOPHYSICS	114	26.4	ART HIST & APPRECIATION	15	26.5
BIOLOGY	501	24.3	CINEMATOGRAPHY/FILM/VIDEO	117	22.5
BOTANY	5	25.6	DANCE	30	23.4
CHEMISTRY	198	25.2	DESIGN, GENERAL	72	21.3
EARTH SCIENCE	12	22.7	DRAMA/THEATRE ARTS	167	23.4
ECOLOGY/ENV STUDIES	63	24.4	FINE ARTS, GENERAL	42	23.3
GEOLOGY	15	25.0	GRAPHIC ARTS TECHNOLOGY	31	23.2
MICROBIOLOGY	33	26.1	GRAPHIC DESIGN	158	21.8
OCEANOGRAPHY	44	20.3	MUSIC (LIBERAL ARTS)	101	24.1
PHYSICS	72	27.9	MUSIC PERFORMANCE	233	23.9
ZOOLOGY	89	23.1	MUSIC THEORY & COMPOSIT	67	23.6
SCIENCES (BIO & PHYS), GEN	620	24.5	PHOTOGRAPHY	94	20.4
			VISUAL/PERFORM ARTS, GEN	696	22.0
SOCIAL SCIENCES (	2420)	(23.3)	UNDECIDED	(5487)	(22.3)
ANTHROPOLOGY	48	25.0			
ECONOMICS	15	27.0			
GEOGRAPHY	7	22.3			
HISTORY	196	24.2			
INTERNATIONAL RELATIONS	56	26.6			
LAW	347	22.7			
PARALEGAL/LEGAL ASSISTING	29	19.1			
POLITICAL SCI/GOVERNMENT	198	25.3			
PSYCHOLOGY	810	22.8			
SOCIOLOGY	61	21.3			
URBAN STUDIES	3	26.7			
SOCIAL SCIENCES, GENERAL	650	23.1			
TRADE & INDUSTRIAL (	483)	(19.9)			
AIRCRAFT TECHNICIAN	1	12.0			
AIRPLANE PILOTING & NAVIG	88	21.8			
AUTOMOTIVE BODY REPAIR	27	18.9			
AUTOMOTIVE TECHNOLOGY	71	19.4			
AVIATION MANAGEMENT	6	20.7			
COMPUTER ELECTRNCES/REPAIR	2	19.0			
CONSTRCT TRADES & CARPENT	52	19.2			
DIESEL MECHANICS & TECH	11	19.4			
DRAFTING	5	20.0			
ELECTRICAL EQUIP REPAIR	25	19.4			
HEATING, AC, REFRIG MECH	0	0.0			
MACHINE TECHNOLOGY	7	19.7			
MECHANICAL DRAFTING	3	20.3			
WELDING & WELDING TECH	12	20.0			
TRADE & INDUSTRIAL, GEN	173	19.6			

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)	92	18.0	42	18.7	48	17.3	15	19.1	77	17.8
BUSINESS OPER (04-05)	263	18.6	104	19.4	155	18.1	121	18.2	141	19.0
TECHNICAL (06-07)	551	18.6	243	19.6	292	17.8	370	18.7	178	18.5
SCIENCE & TECH (08-09)	379	19.0	172	19.7	190	18.4	213	19.1	164	18.7
ARTS (10-11)	182	19.0	88	19.4	92	18.6	56	18.8	125	19.0
SOCIAL SERVICE (12-01)	129	18.3	59	19.8	69	17.0	31	18.0	98	18.4
OTHER*	580	18.4	225	19.5	320	17.6	215	18.6	359	18.3
TOTAL	2176	18.6	933	19.5	1166	17.9	1021	18.7	1142	18.5
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	2867	22.0	2044	22.6	756	20.5	976	22.6	1874	21.8
BUSINESS OPER (04-05)	2798	21.9	1969	22.5	767	20.5	1456	21.9	1326	22.0
TECHNICAL (06-07)	4604	22.1	3218	22.7	1277	20.7	3089	22.1	1495	22.1
SCIENCE & TECH (08-09)	6105	23.5	4302	24.1	1655	22.1	3004	23.8	3076	23.3
ARTS (10-11)	4226	23.4	2959	23.9	1164	22.1	1170	24.1	3038	23.1
SOCIAL SERVICE (12-01)	3302	22.3	2290	22.9	923	20.9	844	22.6	2431	22.2
OTHER*	9779	22.6	6294	23.2	2722	21.2	4386	22.9	5313	22.3
TOTAL	33681	22.7	23076	23.2	9264	21.3	14925	22.9	18553	22.5

* 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	14469	3.26	3.23	3.37	3.25	3.28	0.58
FEMALE	18760	3.53	3.32	3.50	3.36	3.43	0.53
NO RESPONSE	176	3.36	3.18	3.35	3.24	3.28	0.55
AFRICAN-AMERICAN/BLACK	857	3.05	2.84	3.04	2.90	2.96	0.63
CAUCASIAN-AMERICAN/WHITE	28191	3.43	3.30	3.46	3.34	3.38	0.55
OTHER MINORITY	2494	3.30	3.21	3.32	3.21	3.26	0.59
MISSING/PREFER NO RESP	1863	3.41	3.26	3.43	3.28	3.34	0.58
TOTAL	33405	3.41	3.28	3.44	3.32	3.36	0.56

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 45, THIS MEANS THAT 45% 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	8	99
35	82	99
34	169	99
33	297	99
32	516	99
31	724	97
30	1005	96
29	1191	93
28	1600	90
27	2142	87
26	2430	81
25	2808	76
24	3102	69
23	3335	61
22	3528	53
21	3605	45 <-- 45% OF THE STUDENTS SCORE AT OR BELOW 21
20	3351	36 <-- 36% OF THE STUDENTS SCORE BELOW 21
19	3025	28
18	2753	21
17	2077	14
16	1532	9
15	1068	6
14	685	3
13	344	1
12	172	1
11	65	1
10	27	1
9	3	1
8	2	1
7	0	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

