

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

**STATE COMPOSITE FOR
SOUTH DAKOTA**

CODE 420-000

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	4591	2566 62/ 35	21.7/18.7	22.3/19.2	22.7/19.9	22.6/20.2	22.4/19.6
2001-02	4465	2646 61/ 36	21.6/18.7	22.2/19.5	22.7/20.2	22.5/20.4	22.4/19.9
2002-03	4427	2626 60/ 36	21.7/18.8	22.2/19.5	22.6/20.2	22.4/20.4	22.4/19.8
2003-04	4383	2723 59/ 37	21.9/18.9	22.5/19.7	22.8/20.3	22.5/20.2	22.6/19.9
2004-05	4149	2659 58/ 37	22.0/19.1	22.4/19.7	22.7/20.2	22.5/20.3	22.5/19.9

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	7355	20.6	21.1	21.7	21.7	21.4
2001-02	7341	20.5	21.2	21.7	21.7	21.4
2002-03	7327	20.6	21.2	21.7	21.6	21.4
2003-04	7408	20.7	21.4	21.8	21.6	21.5
2004-05	7170	20.8	21.3	21.7	21.6	21.5

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.6	24.7	25.7	24.2	24.5
Q2 (50TH PERCENTILE - MEDIAN)	20.6	20.9	21.4	21.3	21.2
Q1 (25TH PERCENTILE)	16.9	17.4	17.3	18.9	18.2

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= 17)	(N= 166)	(N= 3710)	(N= 22)	(N= 41)	(N= 8)
ENGLISH	18.6	17.3	22.3	21.1	22.7	21.8
USAGE/MECH	9.0	8.5	11.3	10.6	11.7	11.0
RHET SKILLS	9.5	8.8	11.4	10.8	11.6	11.5
MATHEMATICS	20.1	18.3	22.6	22.7	24.0	22.8
PRE/ELEM-ALG	10.5	9.2	12.1	12.2	12.8	12.5
ALG/CRD-GEOM	10.4	9.2	11.3	11.4	11.8	11.6
PLANE GEOM/TRIG	9.4	9.2	11.4	11.4	12.1	11.3
READING	19.5	19.4	22.8	21.6	23.4	22.3
SOC STU/SCI	10.1	9.6	11.8	12.0	12.5	11.4
ARTS/LITERATURE	9.6	10.0	11.6	10.2	11.4	11.4
SCIENCE	19.6	19.1	22.7	21.7	23.3	22.3
COMPOSITE	19.6	18.7	22.7	21.9	23.5	22.4
LESS THAN CORE	(N= 22)	(N= 228)	(N= 2173)	(N= 20)	(N= 14)	(N= 9)
ENGLISH	16.2	14.1	19.7	18.1	19.0	15.6
USAGE/MECH	8.1	6.5	9.8	8.9	8.7	7.2
RHET SKILLS	8.1	7.2	10.1	9.3	10.2	8.6
MATHEMATICS	18.0	15.4	20.2	18.7	19.2	20.2
PRE/ELEM-ALG	9.4	7.1	10.6	9.5	9.6	10.8
ALG/CRD-GEOM	9.0	7.2	10.0	9.7	9.5	10.1
PLANE GEOM/TRIG	8.5	7.7	10.3	9.4	9.5	10.2
READING	18.5	16.4	20.6	19.9	20.6	17.1
SOC STU/SCI	9.4	8.2	10.7	10.3	10.9	8.7
ARTS/LITERATURE	8.8	7.9	10.2	9.9	9.6	8.3
SCIENCE	17.5	16.4	20.8	20.1	19.6	18.4
COMPOSITE	17.6	15.7	20.5	19.3	19.7	18.0
NO RESPONSE	(N= 10)	(N= 16)	(N= 284)	(N= 3)	(N= 4)	(N= 0)

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= 49)	(N= 410)	(N= 6167)	(N= 45)	(N= 59)	(N= 17)
ENGLISH	16.4	15.5	21.3	19.4	21.6	18.5
USAGE/MECH	8.0	7.3	10.7	9.7	10.8	9.0
RHET SKILLS	8.2	7.9	10.9	9.9	11.1	9.9
MATHEMATICS	18.2	16.6	21.7	20.5	22.9	21.4
PRE/ELEM-ALG	9.3	8.0	11.5	10.7	12.1	11.6
ALG/CRD-GEOM	9.1	8.0	10.8	10.4	11.3	10.8
PLANE GEOM/TRIG	8.9	8.3	11.0	10.3	11.5	10.7
READING	18.0	17.7	22.0	20.4	22.6	19.5
SOC STU/SCI	9.1	8.8	11.4	10.9	12.0	9.9
ARTS/LITERATURE	8.7	8.8	11.1	9.9	10.9	9.8
SCIENCE	17.8	17.5	22.0	20.6	22.4	20.2
COMPOSITE	17.7	16.9	21.9	20.4	22.5	20.1

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	8 23.5	69 20.2	2368 24.9	7 22.7	24 26.0	6 24.7
3.00 - 3.49	9 19.1	90 17.1	1367 21.3	13 21.8	15 21.3	2 17.0
2.50 - 2.99	10 14.5	83 16.9	949 19.4	5 19.0	6 19.2	3 20.0
2.00 - 2.49	4 17.5	64 15.3	519 18.0	8 18.4	5 16.4	2 21.0
1.99 & BELOW	2 18.0	36 15.4	218 16.6	3 16.7	1 18.0	2 14.5
CGPA PRED BY STUDENT						
3.5 - 4.0	12 21.4	47 20.5	1728 25.4	10 23.0	21 26.1	4 25.5
3.0 - 3.4	12 18.6	129 18.1	2271 21.7	8 23.4	19 20.2	4 21.8
2.5 - 2.9	9 16.4	102 16.0	1147 19.4	14 20.3	5 18.2	4 16.0
2.0 - 2.4	8 16.0	79 15.4	541 17.8	6 17.2	4 16.0	0 0.0
1.9 & BELOW	0 0.0	30 13.8	122 17.0	3 15.0	2 18.0	1 11.0
HIGH SCHOOL RANK						
TOP QUARTER	14 21.9	123 18.7	2668 24.4	15 22.4	28 25.9	5 24.0
2ND QUARTER	12 18.4	138 16.5	1936 20.5	13 19.9	17 19.2	4 18.5
BOTTOM HALF	11 16.6	120 15.9	1115 18.3	12 19.1	8 16.6	4 18.0

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	1577	22	1059	15	207	3	27	0
	FEMALE	1983	28	1349	19	327	5	20	0
	TOTAL	3577	50	2420	34	535	7	47	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	1340	19	854	12	644	9	35	0
	FEMALE	1678	23	966	13	1006	14	27	0
	TOTAL	3036	42	1829	26	1653	23	62	1
GRADING PRACTICES & POLICIES	MALE	1338	19	1068	15	423	6	43	1
	FEMALE	1896	26	1257	18	490	7	30	0
	TOTAL	3246	45	2339	33	917	13	73	1
NO. & KINDS OF TESTS GIVEN	MALE	1254	17	1295	18	285	4	32	0
	FEMALE	1617	23	1645	23	391	5	22	0
	TOTAL	2881	40	2956	41	680	9	54	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	1403	20	919	13	379	5	169	2
	FEMALE	1825	25	947	13	745	10	157	2
	TOTAL	3241	45	1877	26	1130	16	326	5
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	936	13	1056	15	822	11	54	1
	FEMALE	1341	19	1273	18	1008	14	51	1
	TOTAL	2289	32	2338	33	1839	26	105	1
LIBRARY OR LEARNING CENTER	MALE	1501	21	1010	14	282	4	75	1
	FEMALE	2077	29	1176	16	347	5	76	1
	TOTAL	3591	50	2199	31	630	9	154	2
LABORATORY FACILITIES	MALE	1343	19	1098	15	331	5	97	1
	FEMALE	1715	24	1328	19	481	7	148	2
	TOTAL	3071	43	2440	34	815	11	245	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1079	15	944	13	231	3	614	9
	FEMALE	1400	20	1098	15	320	4	854	12
	TOTAL	2492	35	2055	29	551	8	1472	21
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	1303	18	935	13	344	5	287	4
	FEMALE	1717	24	1089	15	540	8	328	5
	TOTAL	3033	42	2037	28	887	12	616	9
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1063	15	1165	16	435	6	199	3
	FEMALE	1322	18	1388	19	716	10	233	3
	TOTAL	2394	33	2571	36	1154	16	432	6

NUMBER OF STUDENTS - 7170

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 7170)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	13	99	5	99	35	99	13	99	1	99
35	34	99	29	99	47	99	23	99	13	99
34	89	99	54	99	103	99	44	99	13	99
33	71	98	27	99	91	97	30	99	43	99
32	62	97	44	98	101	96	65	98	64	99
31	101	96	81	98	146	95	43	98	82	98
30	88	95	91	97	204	93	46	97	138	97
29	235	94	187	95	205	90	141	96	138	95
28	210	90	211	93	217	87	172	94	220	93
27	226	87	308	90	349	84	222	92	265	90
26	305	84	437	86	364	79	388	89	358	86
25	406	80	390	79	282	74	434	83	450	81
24	397	74	571	74	427	70	598	77	626	75
23	386	69	498	66	534	64	662	69	460	66
22	514	63	393	59	435	57	542	60	534	60
21	483	56	419	54	390	51	846	52	612	53
20	544	50	528	48	614	45	771	40	629	44
19	544	42	463	40	421	37	559	30	555	35
18	422	34	558	34	322	31	473	22	575	27
17	404	28	606	26	385	26	341	15	415	19
16	330	23	590	18	396	21	264	11	349	14
15	442	18	358	9	275	15	183	7	255	9
14	258	12	193	4	359	12	110	4	170	5
13	154	8	88	2	201	7	71	3	103	3
12	123	6	23	1	173	4	58	2	69	1
11	104	5	12	1	59	1	29	1	29	1
10	84	3	3	1	19	1	27	1	2	1
9	49	2	2	1	10	1	11	1	1	1
8	62	1	0	1	2	1	1	1	0	1
7	23	1	0	1	4	1	1	1	0	1
6	6	1	0	1	0	1	2	1	1	1
5	0	1	0	1	0	1	0	1	0	1
4	1	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	1	1	0	1	0	1	0	1

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

33-36	207	3	115	2	276	4	110	2	70	1
28-32	696	10	614	9	873	12	467	7	642	9
24-27	1334	19	1706	24	1422	20	1642	23	1699	24
20-23	1927	27	1838	26	1973	28	2821	39	2235	31
16-19	1700	24	2217	31	1524	21	1637	23	1894	26
13-15	854	12	639	9	835	12	364	5	528	7
01-12	452	6	41	1	267	4	129	2	102	1

AVG(SD) 20.8(5.6) 21.3(4.8) 21.7(5.7) 21.6(4.3) 21.5(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 = 7170)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	161	99	52	99	95	99	222	99	18
17	278	98	105	99	340	99	281	97	17
16	266	94	280	98	391	94	391	93	16
15	411	90	333	94	487	88	447	88	15
14	444	84	601	89	538	82	375	81	14
13	513	78	540	81	548	74	601	76	13
12	619	71	882	73	839	67	883	68	12
11	765	62	836	61	680	55	696	55	11
10	731	52	991	49	886	45	617	46	10
9	687	42	901	36	811	33	566	37	9
8	731	32	679	23	687	22	610	29	8
7	620	22	415	14	385	12	570	21	7
6	397	13	260	8	247	7	421	13	6
5	240	8	162	4	121	3	310	7	5
4	203	4	96	2	73	2	125	3	4
3	70	1	28	1	29	1	46	1	3
2	31	1	9	1	12	1	9	1	2
1	3	1	0	1	1	1	0	1	1
AVERAGE		10.5		10.7		11.2		10.9	
S.D.		3.6		3.0		3.2		3.6	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	171	99	37	99	32	99	18	
17	233	98	64	99	54	99	17	
16	441	94	135	99	210	99	16	
15	419	88	218	97	327	96	15	
14	694	82	685	94	590	91	14	
13	768	73	431	84	755	83	13	
12	603	62	1213	78	948	73	12	
11	777	54	869	61	750	59	11	
10	750	43	949	49	1424	49	10	
9	533	32	1245	36	715	29	9	
8	837	25	506	18	532	19	8	
7	594	13	303	11	409	12	7	
6	239	5	189	7	211	6	6	
5	59	2	158	5	48	3	5	
4	25	1	97	2	109	2	4	
3	14	1	48	1	13	1	3	
2	10	1	10	1	33	1	2	
1	3	1	13	1	10	1	1	
AVERAGE		11.3		10.6		10.8		
S.D.		3.2		2.8		2.8		

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	3159	20.1	5.6	21.9	5.0	21.3	5.8	22.1	4.5	21.5	4.7
FEMALES	3969	21.4	5.5	20.8	4.5	22.0	5.6	21.2	4.1	21.5	4.4
NO RESPONSE	42	18.8	5.5	20.0	4.3	19.0	5.5	19.8	3.9	19.5	4.3

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

SCORE RANGE	M		F		M		F		M		F	
33-36	2	3	3	1	4	4	2	1	1	1		
28-32	8	11	10	7	11	13	9	5	10	8		
24-27	16	20	27	21	18	21	25	22	23	24		
20-23	26	28	24	27	27	28	38	41	30	32		
16-19	25	23	28	33	22	21	20	25	27	26		
13-15	14	10	8	10	13	10	5	5	8	7		
01-12	8	5	1	1	4	3	2	2	2	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	1162	18	23.3	25	13	45	10	751	23	341	12
GOOD	2985	45	21.9	79	40	182	42	1511	47	1213	44
AVERAGE	1593	24	20.2	58	29	120	28	595	18	820	30
BELOW AVERAGE	329	5	19.6	9	5	37	9	121	4	162	6
VERY INADEQUATE	408	6	20.3	24	12	39	9	185	6	160	6
NO RESPONSE	132	2	21.4	5	3	6	1	64	2	57	2
NO. OF STUDENTS	6609			200		429		3227		2753	

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	7170	20.8	5.6	21.3	4.8	21.7	5.7	21.6	4.3	21.5	4.5
COLLEGE CORE											
E4, M3, SS3, NS3	4149	22.0	5.2	22.4	4.5	22.7	5.5	22.5	4.0	22.5	4.2
In between	1894	19.4	5.7	20.0	4.7	20.5	5.7	20.5	4.2	20.2	4.5
E4, M2, SS2, NS2	765	18.2	5.7	19.0	4.6	19.4	5.4	19.6	4.5	19.2	4.5
No Response	362	20.2	5.7	20.5	4.7	21.0	5.6	21.1	4.5	20.8	4.6
HS GPA RANGES											
3.50 - 4.00	2598	24.6	4.8	24.6	4.3	25.0	5.1	24.1	3.9	24.7	3.8
3.00 - 3.49	1571	20.1	4.3	20.8	3.8	21.1	4.9	21.4	3.4	21.0	3.4
2.50 - 2.99	1124	18.2	4.4	18.9	3.4	19.2	4.7	19.8	3.4	19.1	3.3
2.00 - 2.49	654	16.5	4.1	17.5	3.0	17.9	4.4	18.5	3.4	17.7	3.1
1.99 & below	288	15.1	4.4	16.7	2.8	16.4	4.1	17.2	3.6	16.5	3.0

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	4984	70	3.29	21.1	21.7
ENG 9, ENG 10, ENG 11, ENG 12	1323	18	3.11	20.6	21.2
LESS THAN 4 YEARS OF ENGLISH	483	7	3.08	19.4	20.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	380	5	- . -	20.2	20.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	274	4	3.63	25.4	24.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	458	6	3.32	23.2	22.9
ALG 1, ALG 2, GEOM, TRIG	500	7	3.12	21.8	22.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	806	11	3.16	21.4	21.8
ALG 1, ALG 2, GEOM	1308	18	2.53	18.7	19.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2072	29	3.52	24.2	23.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	595	8	2.88	19.8	20.3
LESS THAN 3 YEARS OF MATH	754	11	2.36	16.7	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	403	6	- . -	20.4	20.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	29	0	3.22	21.5	20.8
US HIST, WORLD HIST, AM GOVT	66	1	2.92	20.7	20.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2831	39	3.40	21.7	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2681	37	3.31	21.9	21.7
LESS THAN 3 YEARS OF SOC SCI	1166	16	3.27	21.3	21.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	397	6	- . -	21.1	20.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2307	32	3.52	23.3	23.5
BIOLOGY, CHEMISTRY, PHYSICS	175	2	3.57	25.3	26.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	2620	37	3.11	21.3	21.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	251	4	3.07	21.3	21.0
LESS THAN 3 YEARS OF NAT SCI	1409	20	2.70	19.1	18.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	408	6	- . -	21.1	20.9

TABLE 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	2139	68	3.11	20.3	21.7
ENG 9, ENG 10, ENG 11, ENG 12	586	19	2.94	20.0	21.2
LESS THAN 4 YEARS OF ENGLISH	229	7	3.03	19.7	21.0
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	205	6	- . -	19.2	20.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	138	4	3.60	26.3	25.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	164	5	3.21	24.1	23.0
ALG 1, ALG 2, GEOM, TRIG	191	6	3.03	22.3	22.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	315	10	3.09	22.3	22.0
ALG 1, ALG 2, GEOM	606	19	2.48	19.2	19.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	917	29	3.45	25.2	24.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	265	8	2.82	20.5	20.5
LESS THAN 3 YEARS OF MATH	347	11	2.33	16.9	17.2
NO MATH COURSE/GRADE INFORMATION REPORTED	216	7	- . -	20.4	20.4
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	15	0	3.01	22.1	22.1
US HIST, WORLD HIST, AM GOVT	39	1	2.94	21.0	20.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1154	37	3.34	21.3	21.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1186	38	3.26	21.5	21.7
LESS THAN 3 YEARS OF SOC SCI	549	17	3.20	21.0	21.4
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	216	7	- . -	20.6	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1097	35	3.47	23.9	23.7
BIOLOGY, CHEMISTRY, PHYSICS	82	3	3.58	26.8	26.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	947	30	3.00	21.7	20.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	147	5	3.01	21.5	20.7
LESS THAN 3 YEARS OF NAT SCI	665	21	2.58	19.3	18.5
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	221	7	- . -	21.2	20.6

TABLE 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	2823	71	3.42	21.7	21.8
ENG 9, ENG 10, ENG 11, ENG 12	731	18	3.25	21.1	21.2
LESS THAN 4 YEARS OF ENGLISH	247	6	3.14	19.2	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	168	4	- . -	21.3	21.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	136	3	3.65	24.4	24.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	290	7	3.39	22.7	23.0
ALG 1, ALG 2, GEOM, TRIG	306	8	3.18	21.4	22.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	487	12	3.22	20.9	21.7
ALG 1, ALG 2, GEOM	696	18	2.59	18.2	19.3
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1146	29	3.57	23.4	23.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	325	8	2.92	19.2	20.2
LESS THAN 3 YEARS OF MATH	403	10	2.38	16.4	17.4
NO MATH COURSE/GRADE INFORMATION REPORTED	180	5	- . -	20.5	21.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	14	0	3.43	20.9	19.3
US HIST, WORLD HIST, AM GOVT	27	1	2.91	20.4	19.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1661	42	3.44	22.1	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1484	37	3.36	22.1	21.7
LESS THAN 3 YEARS OF SOC SCI	609	15	3.35	21.6	21.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	174	4	- . -	21.5	21.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1204	30	3.57	22.8	23.3
BIOLOGY, CHEMISTRY, PHYSICS	91	2	3.56	24.0	25.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	1659	42	3.18	21.0	21.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	102	3	3.16	21.0	21.4
LESS THAN 3 YEARS OF NAT SCI	733	18	2.81	18.9	18.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	180	5	- . -	21.1	21.2

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	239	19.4	29	51	7	6	1	1	4	4
ARCH & ENVIR DESIGN	157	21.5	35	47	3	3	2	2	2	3
BUSINESS & MGMT	536	20.8	27	55	10	10	7	7	8	8
BUSINESS & OFFICE	30	18.1	13	70	0	0	1	1	0	1
MARKETING & DISTRIBUTION	29	20.2	34	59	0	0	1	1	0	1
COMMUNICATION & COMM TEC	162	22.2	27	56	2	2	3	4	3	3
COMMUNITY & PRSNL SVCS	220	19.4	46	40	2	3	4	5	3	4
COMPUTER & INFO SCI	164	21.7	35	52	5	5	1	1	3	3
CROSS-DISC STUDIES	3	23.7	33	33	0	0	0	0	0	0
EDUCATION	299	20.8	40	49	3	3	6	7	5	5
TEACHER EDUCATION	197	21.0	42	46	2	2	4	4	3	3
ENGINEERING	303	24.2	22	58	10	10	1	1	5	5
ENGINEERING-RELATED TECH	146	22.4	24	59	5	5	0	1	2	3
FOREIGN LANGUAGES	30	24.9	33	53	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	1496	21.6	42	45	12	12	33	34	24	25
HUMAN, FAMILY/CONS SCI	66	20.2	42	38	0	0	2	2	1	1
LETTERS	49	25.1	31	47	0	0	1	1	1	1
MATHEMATICS	35	24.9	17	46	1	0	0	0	1	0
PHILOS, RELIG & THEOL	31	22.6	39	52	1	1	0	1	0	1
SCI (BIOL & PHYSICAL)	306	23.6	30	51	5	4	5	3	5	4
SOCIAL SCIENCES	447	22.5	37	49	5	5	9	8	7	7
TRADE & INDUSTRIAL	186	18.6	42	44	6	8	0	0	3	3
VISUAL & PERFORM ARTS	352	21.7	36	47	5	5	6	7	6	6
UNDECIDED	830	21.2	7	13	15	14	12	10	13	12
NO RESPONSE	857									

NUMBER OF STUDENTS - 7170

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	629	18.8 9	AFRICAN-AMER/BLACK	49	17.7 1
COLL PREP	3227	23.1 45	AM INDIAN,ALASKAN NTV	410	16.9 6
OTHER/GENERAL/NO RESP	3314	20.4 46	CAUCASIAN-AMER/WHITE	6167	21.9 86
REQUEST ASSISTANCE WITH			MEXICAN-AMER/CHICANO	45	20.4 1
ED/OCCUP PLANS	2665	21.7 37	ASIAN-AMER,PACIFIC ISL	59	22.5 1
EXPR IDEAS IN WRITING	1181	19.8 16	PUERTO RICAN,HISPANIC	17	20.1 0
READING/COMPREHENSION	1560	19.5 22	OTHER	87	17.6 1
STUDY SKILLS	2489	19.8 35	MULTIRACIAL	62	21.4 1
MATH SKILLS	2295	19.4 32	PREFER NOT TO RESPOND	183	21.9 3
PERSONAL CONCERNS	506	19.7 7	NO RESPONSE	91	21.1 1
EXPRESSED FIN NEED			ESTIMATED FAMILY INCOME		
NEED FINANCIAL AID	6123	21.4 85	LESS THAN \$18,000	541	18.7 8
NEED TO FIND WORK	5079	21.2 71	ABOUT \$18,000-\$24,000	460	20.0 6
SPECIAL COLLEGE PROG			ABOUT \$24,000-\$30,000	531	20.9 7
INDEP STUDY	2388	22.4 33	ABOUT \$30,000-\$36,000	541	20.8 8
HONORS COURSES	1643	24.4 23	ABOUT \$36,000-\$42,000	587	21.1 8
ADV PLACEMENT IN COLL			ABOUT \$42,000-\$50,000	726	21.6 10
ENGLISH	1493	23.7 21	ABOUT \$50,000-\$60,000	825	21.9 12
MATH	1624	23.6 23	ABOUT \$60,000-\$80,000	926	22.3 13
SOCIAL STUDIES	1367	23.0 19	ABOUT \$80,000-\$100,000	512	22.6 7
NATURAL SCIENCE	1299	23.4 18	MORE THAN \$100,000	555	23.8 8
FOREIGN LANG	1039	22.6 14	NO RESPONSE	966	21.5 13
MAX YEARLY COLL TUITION			HS CLASS RANK		
\$1000 & UNDER	164	17.6 2	TOP QTR	2979	24.2 42
\$1001 - \$2000	203	19.1 3	2ND QTR	2238	20.2 31
\$2001 - \$4000	682	20.0 10	3RD QTR	1148	18.1 16
\$4001 - \$7500	1434	21.3 20	4TH QTR	226	17.2 3
\$7501 & OVER	523	22.1 7	NO RESPONSE	579	21.1 8
NO PREFERENCE	3525	22.1 49	EDUC DEG ASPIRATION		
NO RESPONSE	639	21.5 9	VOC-TECH	376	18.0 5
MOST RECENTLY TESTED			2YR COL DEGREE	488	18.1 7
SOPHOMORE	33	21.2 0	BACHELORS DEGREE	2913	21.1 41
JUNIOR	2472	22.1 34	GRAD STUDY	940	23.4 13
SENIOR	4297	21.1 60	PROF LEVEL DEGREE	1702	23.3 24
OTHER/NO RESPONSE	368	22.3 5	OTHER	249	19.0 3
COLLEGE CORE PREPARATION			NO RESPONSE	502	21.2 7
CORE OR MORE	4149	22.5 58	NUMBER OF STUDENTS		
LESS THAN CORE	2659	19.9 37	HOME SCHOOLED	41	22.3 1
NO RESPONSE	362	20.8 5	EARNED A GED	12	18.4 0
			ALL STUDENTS	7170	21.5 100

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	
3924 SOUTH DAKOTA STATE U	SD	3098	1344	1754	1	5	26	33	27	8	0	
3928 UNIV OF SOUTH DAKOTA	SD	2252	651	1601	1	5	26	33	27	8	0	
3904 BLACK HILLS STATE U	SD	1256	423	833	2	8	33	33	20	4	0	
3916 NORTHERN STATE UNIV	SD	753	204	549	1	9	31	35	19	5	0	
3902 AUGUSTANA COLLEGE-SD	SD	688	170	518	0	3	17	33	33	12	1	
3922 SOUTH DAKOTA MINES/T	SD	670	222	448	1	5	16	33	29	16	1	
2156 U MINNESOTA-TWIN C	MN	660	188	472	1	2	13	25	39	18	2	
3920 UNIV OF SIOUX FALLS	SD	622	117	505	1	5	26	35	25	7	1	
6909 SOUTHEAST TECH INST	SD	595	187	408	2	13	43	31	10	1	0	
3910 DAKOTA STATE UNIV	SD	594	146	448	2	8	33	32	21	4	0	
2482 UNIV OF NEBR-LINCOLN	NE	507	124	383	0	1	13	31	32	21	2	
4957 LAKE AREA TECH INST	SD	420	146	274	1	16	45	28	9	1	0	
2126 MINN ST U-MANKATO	MN	383	104	279	0	3	27	40	24	7	0	
3202 NORTH DAKOTA STATE U	ND	375	83	292	1	3	25	33	30	7	1	
4958 MITCHELL TECH INST	SD	315	69	246	3	17	45	29	6	1	0	
4960 W DAKOTA TECH INST	SD	254	70	184	5	18	42	27	7	1	0	
3906 DAKOTA WESLEYAN U	SD	245	55	190	2	12	36	28	19	4	0	
3218 U OF NORTH DAKOTA	ND	242	62	180	2	6	22	29	30	11	1	
5006 UNIV OF WYOMING	WY	199	55	144	0	6	24	37	25	9	1	
3914 MOUNT MARTY COLLEGE	SD	192	52	140	3	6	32	30	22	6	2	
3913 CO TCH U-SIOUX FALLS	SD	182	36	146	1	14	46	33	6	0	0	
2134 MINN ST U MOORHEAD	MN	162	40	122	0	4	23	38	27	7	0	
1320 IOWA STATE UNIV	IA	150	22	128	0	2	13	29	35	17	5	
2151 SOUTHWEST MINN ST U	MN	141	27	114	0	5	28	36	21	10	0	
2155 U MINNESOTA-MORRIS	MN	138	36	102	3	16	26	25	19	10	1	
7000 UNLISTED INSTITUTION	IA	137	22	115	1	21	22	23	25	8	0	
0504 COLORADO STATE UNIV	CO	129	48	81	0	5	20	30	38	5	1	
3918 PRESENTATION COLLEGE	SD	126	31	95	2	13	29	33	20	3	1	
2444 CREIGHTON UNIVERSITY	NE	123	37	86	1	7	11	19	37	24	2	
2420 MT ST UNIV-BOZEMAN	MT	122	46	76	0	6	18	35	33	8	0	
3915 NATIONAL AMERICAN U	SD	116	21	95	3	13	35	36	10	3	0	
2144 ST CLOUD STATE UNIV	MN	102	22	80	0	5	17	41	28	9	0	
3206 ND STATE COLL SCI	ND	102	45	57	2	15	44	29	10	0	0	
3201 UNIVERSITY OF MARY	ND	85	13	72	0	5	25	47	20	4	0	
1356 UNIVERSITY OF IOWA	IA	78	11	67	0	4	12	29	35	17	4	
ALL OTHER INSTITUTIONS		5388	1274	4114	2	7	22	27	26	14	2	
TOTALS		21601	6203	15398	1	7	26	31	25	10	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	(239)	(19.4)	BUSINESS & OFFICE	(30)	(18.1)
AGRICULTURAL BUSINESS	21	19.9	BOOKKEEPING/ACCT TECH	8	18.5
AGRICULTURAL ECONOMICS	0	0.0	BUSINESS DP/COMPUTER OPER	1	14.0
AGRICULTURAL MECHANICS	8	20.4	COURT REPORTING	0	0.0
AGRI PRODUCTION/TECH	5	18.6	OFFICE SUPERVISION & MGMT	3	17.7
AGRONOMY	11	20.5	SECRETARIAL	1	16.0
ANIMAL SCIENCES	29	20.6	TYPING & GENERAL OFFICE	0	0.0
FARM & RANCH MANAGEMENT	20	17.6	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	33	18.8	BUSINESS & OFFICE, GEN	17	18.3
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	2	23.5	MARKETING & DISTRIBUTION	(29)	(20.2)
HORTICULTURE/ORNMENTAL HORT	1	25.0	FASHION MERCHANDISING	8	20.4
NATURAL RESOURCES MGMT	1	14.0	RETAILING & SALES	2	16.5
AGRICULTURE & AG TECH, GEN	108	19.4	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	19	20.5
ARCH & ENVIR DESIGN	(157)	(21.5)			
ARCHITECTURAL DRAFTING	24	22.2	COMMUNICATIONS & COMM TECH	(162)	(22.2)
ARCHITECTURE	24	23.1	ADVERTISING	6	23.0
BLDG CON/CONSTRUCTION SCI	7	16.6	GRAPHIC/COMMERCIAL ART	13	20.6
CITY, COMM & REG PLANNING	1	22.0	GRAPHIC & PRINT COMMUNIC	2	22.0
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	42	23.3
INTERIOR DESIGN	26	20.9	PHOTO/FILM/VIDEO TECH	9	19.0
LANDSCAPE ARCHITECTURE	14	20.3	PUBLIC RELATIONS	5	23.4
ARCHI & ENVIR DESIGN, GEN	61	21.7	RADIO/TV BROADCASTING	16	20.8
			RADIO/TV PRODUCTN & TECH	2	18.0
BUSINESS & MGMT	(536)	(20.8)	COMMUNIC & COMM TECH, GEN	67	22.6
ACCOUNTING	62	20.6			
BANKING & FINANCE	21	20.9	COMMNTY & PRSNL SVCS	(220)	(19.4)
BUSINESS ADMIN & MGMT	62	20.6	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	3	26.0	COSMETOLOGY/HAIRSTYLING	33	18.1
CONTRACT MGMT & PURCHSING	3	23.0	CRIMINAL JUSTICE/CRIMINOL	74	19.2
HOTEL/RESTAURANT MGMT	9	18.7	FIRE PROTECTN/SAFETY TECH	5	19.6
HUMAN RESOURCE DEVEL/TRNG	3	18.3	FUNERAL SVCS/MORTUARY SCI	5	19.2
INSTITUTIONAL MANAGEMENT	1	18.0	LAW ENFORCEMENT & ADMIN	16	18.1
INSURANCE & RISK MGMT	2	21.5	LIBRARY SCI/LIB ASSISTING	2	22.5
INTERNATL BUSINESS/MGMT	8	26.5	MILITARY SCIENCE/TECH	3	24.7
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	1	19.0
MANAGEMENT INFO SYSTEMS	1	21.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	1	20.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	7	19.7	SOCIAL WORK	13	19.2
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	68	20.2
PERSONNEL MANAGEMENT	1	23.0			
REAL ESTATE	7	19.6			
SML BUSINESS MGMT/OWNRSHP	23	21.0			
TRADE & INDUSTRIAL MGMT	1	18.0			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	321	20.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(164)	(21.7)	ENGINEERING	(303)	(24.2)
COMPUTER PROGRAMMING	60	21.3	AEROSPACE ENGINEERING	19	27.1
COMPUTER SCIENCE	33	22.5	AGRICULTURAL ENGINEERING	5	24.2
DATA PROCESSING	1	14.0	ARCHITECTURAL ENGINEERING	3	26.3
INFO SCIENCES & SYSTEMS	6	23.0	BIOENGINEER & BIOMED ENG	6	27.8
MATH/COMPUTER SCIENCE	2	27.0	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	62	21.6	CHEMICAL ENGINEERING	16	24.8
CROSS-DISC STUDIES	(3)	(23.7)	CIVIL ENGINEERING	18	23.8
AREA & ETHNIC STUDIES	1	25.0	COMPUTER ENGINEERING	11	26.5
LIBERAL ARTS/GEN STUDIES	1	21.0	CONSTRUCTION ENG/MGMT	2	21.0
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	16	21.5
CROSS-DISC STUDIES, GEN	1	25.0	ENGINEERING MANAGEMENT	1	22.0
EDUCATION	(299)	(20.8)	ENGINEERING PHYSICS	6	29.7
ADULT & CONTINUING EDUC	2	25.5	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	3	20.0	ENVIRONMENTAL HEALTH ENG	4	26.3
ELEMENTARY EDUCATION	105	20.5	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	15	21.9	INDUSTRIAL ENGINEERING	1	26.0
PRE-ELEMENTARY EDUCATION	20	20.6	MATERIALS ENGINEERING	1	25.0
SECONDARY EDUCATION	36	22.5	MECHANICAL ENGINEERING	40	23.0
STUDENT COUNSELING	3	22.3	METALLURGICAL ENGINEERING	3	23.3
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	115	20.4	NAVAL ARCHIT & MARINE ENG	1	21.0
TEACHER EDUCATION	(197)	(21.0)	NUCLEAR ENGINEERING	2	21.5
AGRICULTURAL EDUCATION	1	25.0	OCEAN ENGINEERING	1	12.0
ART EDUCATION	6	19.5	PETROLEUM ENGINEERING	1	13.0
BUSINESS EDUCATION	0	0.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	19	23.4	ENGINEERING, GENERAL	146	24.1
FOREIGN LANGUAGES EDUC	4	24.3	ENGINEERING-RELATED TECH	(146)	(22.4)
HEALTH EDUCATION	0	0.0	AERONAUTICAL TECHNOLOGY	8	25.1
HUMAN, FAM/CONS SCI EDUC	1	18.0	AC, HEATING, REFRIG TECH	1	20.0
INDUSTRIAL ARTS EDUCATION	1	23.0	ARCHITECTURAL DESIGN TECH	9	23.0
MATHEMATICS EDUCATION	11	22.1	BIOMEDICAL EQUIPMENT TECH	1	21.0
MUSIC EDUCATION	20	24.0	CIVIL ENGINEERING TECH	10	21.8
PHYSICAL EDUCATION	24	18.3	COMPUTER ENGINEERING TECH	6	20.7
SCIENCE EDUCATION	1	22.0	CONSTRUCTION/BLDG TECH	5	22.6
SOC STUDIES/SOC SCI EDUC	10	22.3	DRAFTING & DESIGN TECH	2	15.5
SPECIAL EDUCATION	8	18.3	ELECTRICAL ENG TECHNOLOGY	13	22.7
SPEECH CORRECTION EDUC	1	24.0	ELECTRONIC ENG TECHNOLOGY	4	18.0
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	7	18.4	INDUSTRIL PRODUCTION TECH	0	0.0
TEACHER EDUCATION, GEN	83	20.4			

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	(66)	(20.2)
MANUFACTURING TECHNOLOGY	1	14.0	CHILD DEV, CARE, GUIDANCE	8	18.9
MECHANICAL ENG TECH	23	23.4	CHILD CARE AIDE/ASSISTING	2	14.5
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	16	19.6
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	9	20.8
ENGINEERING TECH, OTHER	2	19.0	FOOD PRODUCTN, MGMT, SVCS	0	0.0
ENGINEER-RELATD TECH, GEN	61	22.5	FOOD SCI & NUTR/DIETETICS	6	24.0
			HUMAN ENVIRON & HOUSING	2	13.5
FOREIGN LANGUAGES	(30)	(24.9)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	3	26.7	TEXTILES AND CLOTHING	1	26.0
CLASSICAL LANGUAGES	1	13.0	HUMAN, FAM/CONS SCI, GEN	22	20.8
FRENCH	2	27.0			
GERMAN	6	22.2	LETTERS	(49)	(25.1)
ITALIAN	1	21.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	2	28.5
RUSSIAN	1	24.0	CREATIVE WRITING	15	24.3
SPANISH	9	27.2	ENGLISH, GENERAL	16	26.3
FOREIGN LANGUAGES, OTHER	2	27.0	LINGUISTICS	3	23.3
FOREIGN LANGUAGES, GEN	5	24.4	LITERATURE, ENGLISH/AMER	4	26.0
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(1496)	(21.6)	LETTERS, GENERAL	9	24.0
CHIROPRACTIC	16	22.2			
DENTAL ASSISTING	6	16.5	MATHEMATICS	(35)	(24.9)
DENTAL HYGIENE	28	19.7	ACTUARIAL SCIENCES	2	24.0
DENTAL LAB/TECHNOLOGY	1	14.0	APPLIED MATHEMATICS	1	31.0
DENTISTRY	38	22.3	STATISTICS	1	24.0
EMERG MED TECH/PARAMEDIC	6	19.0	MATHEMATICS, GENERAL	31	24.8
HEALTH CARE ADMIN	8	19.5			
MEDICAL/SURG ASSISTING	20	20.5	PHILOS, RELIG & THEOLOGY	(31)	(22.6)
MEDICAL LAB/TECHNOLOGY	16	21.9	BIBLE STUDIES	2	22.5
MED RECORDS ADMIN/TECH	3	19.3	PHILOSOPHY	3	24.3
MEDICINE	159	24.5	RELIGION	3	20.0
MNTL HLTH & HUM SVCS/TECH	4	20.0	RELIGIOUS EDUCATION	2	22.0
NUCLEAR MEDICINE TECH	7	20.9	RELIGIOUS MUSIC	2	22.5
NURSING (PRACTICAL)	35	18.5	THEOLOGY	3	26.0
NURSING (REGISTERED)	211	20.7	PHILOS, RELIG & THEOL, GEN	16	22.2
OCCUPATNL THERAPY/ASSIST	16	20.6			
OPTOMETRY	16	24.4			
PHARMACY	73	24.5			
PHYSICIAN ASSISTING	9	23.3			
PHYSICAL THERAPY/ASSIST	104	21.7			
RADIOLOGY/RADIOLOGIC TECH	68	20.4			
REC/ART/MUSIC THERAPY	1	18.0			
RESPIRATORY THERAPY/TECH	6	19.5			
SPEECH PATHOL/AUDIOLOGY	0	0.0			
VETERINARIAN ASSISTING	8	18.5			
VETERINARY MEDICINE	47	22.4			
HEALTH SCI & ALLIED, GEN	590	21.2			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	306)	(23.6)	VISUAL/PERFORM ARTS	(352)	(21.7)
ASTRONOMY	3	22.7	APPLIED DESIGN/CRAFTS	1	18.0
ATMOSPHER SCI & METEOROL	11	19.0	ART	29	20.3
BIOCHEMISTRY & BIOPHYSICS	13	26.0	ART HIST & APPRECIATION	3	22.3
BIOLOGY	94	22.9	CINEMATOGRAPHY/FILM/VIDEO	18	21.6
BOTANY	1	27.0	DANCE	7	24.0
CHEMISTRY	31	25.1	DESIGN, GENERAL	12	21.5
EARTH SCIENCE	2	21.0	DRAMA/THEATRE ARTS	19	22.9
ECOLOGY/ENV STUDIES	2	23.5	FINE ARTS, GENERAL	10	22.4
GEOLOGY	0	0.0	GRAPHIC ARTS TECHNOLOGY	9	22.4
MICROBIOLOGY	7	25.0	GRAPHIC DESIGN	30	21.2
OCEANOGRAPHY	5	22.2	MUSIC (LIBERAL ARTS)	15	23.6
PHYSICS	11	27.0	MUSIC PERFORMANCE	33	24.0
ZOOLOGY	14	24.6	MUSIC THEORY & COMPOSIT	10	22.1
SCIENCES (BIO & PHYS), GEN	112	23.5	PHOTOGRAPHY	30	19.5
			VISUAL/PERFORM ARTS, GEN	126	21.3
SOCIAL SCIENCES (	447)	(22.5)	UNDECIDED	(830)	(21.2)
ANTHROPOLOGY	12	23.3			
ECONOMICS	1	29.0			
GEOGRAPHY	4	20.5			
HISTORY	32	22.7			
INTERNATIONAL RELATIONS	6	27.3			
LAW	90	21.6			
PARALEGAL/LEGAL ASSISTING	5	16.6			
POLITICAL SCI/GOVERNMENT	29	26.6			
PSYCHOLOGY	145	22.4			
SOCIOLOGY	8	20.8			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	115	22.2			
TRADE & INDUSTRIAL (	186)	(18.6)			
AIRCRAFT TECHNICIAN	2	17.0			
AIRPLANE PILOTING & NAVIG	18	22.0			
AUTOMOTIVE BODY REPAIR	16	17.3			
AUTOMOTIVE TECHNOLOGY	26	17.7			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCES/REPAIR	5	21.6			
CONSTRCT TRADES & CARPENT	6	19.0			
DIESEL MECHANICS & TECH	11	17.5			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	11	17.6			
HEATING, AC, REFRIG MECH	2	18.0			
MACHINE TECHNOLOGY	8	17.8			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	9	20.0			
TRADE & INDUSTRIAL, GEN	72	18.4			

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)	47	17.8	19	18.9	25	17.0	8	15.9	37	18.3
BUSINESS OPER (04-05)	128	17.7	40	19.3	84	17.0	58	16.9	68	18.4
TECHNICAL (06-07)	266	17.7	92	18.9	170	17.0	189	17.7	75	17.7
SCIENCE & TECH (08-09)	135	18.7	52	20.3	80	17.7	77	18.7	58	18.7
ARTS (10-11)	51	18.9	30	18.9	20	18.7	17	19.0	34	18.9
SOCIAL SERVICE (12-01)	36	18.3	10	19.0	26	18.0	6	17.5	30	18.4
OTHER*	201	18.3	75	18.9	123	17.9	72	18.4	129	18.2
TOTAL	864	18.1	318	19.2	528	17.4	427	17.9	431	18.3
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	446	21.8	308	22.3	133	20.8	143	22.6	302	21.5
BUSINESS OPER (04-05)	490	21.2	309	22.0	175	19.9	253	20.8	237	21.7
TECHNICAL (06-07)	814	21.7	485	22.9	313	20.0	557	21.8	253	21.5
SCIENCE & TECH (08-09)	1140	22.7	755	23.4	368	21.4	564	23.1	568	22.4
ARTS (10-11)	685	23.1	470	23.6	208	22.1	166	23.6	517	23.0
SOCIAL SERVICE (12-01)	491	22.1	311	23.0	170	20.4	112	22.2	378	22.1
OTHER*	1489	21.9	908	22.8	520	20.6	618	22.1	863	21.9
TOTAL	5555	22.1	3546	22.9	1887	20.7	2413	22.2	3118	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	HS GPA
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	AVG	SD
MALE	2703	3.07	3.01	3.27	3.11	3.11	0.67
FEMALE	3505	3.38	3.15	3.39	3.26	3.29	0.62
NO RESPONSE	27	2.86	2.97	2.85	2.62	2.82	0.69
AFRICAN-AMERICAN/BLACK	33	3.12	2.84	3.07	2.90	2.98	0.68
CAUCASIAN-AMERICAN/WHITE	5421	3.28	3.12	3.38	3.22	3.25	0.64
OTHER MINORITY	513	2.92	2.82	3.02	2.92	2.92	0.67
MISSING/PREFER NO RESP	268	3.09	2.95	3.19	3.04	3.06	0.70
TOTAL	6235	3.24	3.09	3.34	3.19	3.21	0.65

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 53, THIS MEANS THAT 53% 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 44 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	1	99
35	13	99
34	13	99
33	43	99
32	64	99
31	82	98
30	138	97
29	138	95
28	220	93
27	265	90
26	358	86
25	450	81
24	626	75
23	460	66
22	534	60
21	612	53 <-- 53% OF THE STUDENTS SCORE AT OR BELOW 21
20	629	44 <-- 44% OF THE STUDENTS SCORE BELOW 21
19	555	35
18	575	27
17	415	19
16	349	14
15	255	9
14	170	5
13	103	3
12	69	1
11	29	1
10	2	1
9	1	1
8	0	1
7	0	1
6	1	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

