

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

**STATE COMPOSITE FOR
NORTH DAKOTA**

CODE 350-000

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	4618	2532	63/ 34	22.0/17.9	22.9/18.7	23.0/19.2	23.0/19.7	22.8/19.0
2001-02	4219	2530	61/ 36	21.7/17.6	22.9/18.6	22.9/19.2	22.7/19.6	22.7/18.9
2002-03	4221	2616	59/ 37	22.0/17.7	22.9/18.7	23.0/19.4	22.8/19.6	22.8/19.0
2003-04	4023	2418	60/ 36	21.6/17.8	22.9/18.8	22.7/19.5	22.6/19.6	22.6/19.1
2004-05	3814	2385	58/ 36	22.0/17.9	22.7/18.9	22.7/19.4	22.8/19.7	22.7/19.1

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	7388	20.5	21.3	21.6	21.8	21.4
2001-02	6947	20.1	21.2	21.5	21.5	21.2
2002-03	7098	20.3	21.2	21.6	21.6	21.3
2003-04	6730	20.2	21.3	21.5	21.4	21.2
2004-05	6562	20.4	21.2	21.4	21.5	21.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.0	24.6	25.3	24.1	24.3
Q2 (50TH PERCENTILE - MEDIAN)	20.1	20.7	21.0	21.3	20.9
Q1 (25TH PERCENTILE)	16.5	17.2	17.1	18.8	17.9

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= 10)	(N= 105)	(N= 3484)	(N= 14)	(N= 30)	(N= 10)
ENGLISH	20.4	18.4	22.1	20.1	20.0	21.1
USAGE/MECH	10.1	9.2	11.2	9.8	10.0	10.5
RHET SKILLS	10.7	9.2	11.4	10.6	10.3	10.8
MATHEMATICS	18.9	19.3	22.9	19.8	22.2	22.4
PRE/ELEM-ALG	10.0	9.9	12.4	10.5	11.4	12.5
ALG/CRD-GEOM	9.2	9.5	11.4	9.4	11.5	11.0
PLANE GEOM/TRIG	9.7	9.7	11.6	9.8	11.2	11.1
READING	20.8	19.5	22.8	19.9	20.6	21.4
SOC STU/SCI	10.4	10.1	11.9	9.9	11.1	10.8
ARTS/LITERATURE	10.8	9.7	11.4	10.4	10.0	11.2
SCIENCE	21.3	19.9	22.9	20.8	20.5	21.0
COMPOSITE	20.4	19.4	22.8	20.3	21.0	21.4
LESS THAN CORE	(N= 20)	(N= 128)	(N= 2076)	(N= 13)	(N= 19)	(N= 11)
ENGLISH	14.2	14.5	18.2	16.8	20.6	16.5
USAGE/MECH	6.6	6.6	8.9	7.8	10.8	7.8
RHET SKILLS	7.4	7.6	9.4	8.8	10.0	8.5
MATHEMATICS	16.2	16.2	19.1	17.8	19.8	16.6
PRE/ELEM-ALG	7.2	7.8	9.9	8.4	10.4	8.0
ALG/CRD-GEOM	8.2	7.5	9.3	8.7	8.9	8.2
PLANE GEOM/TRIG	8.2	8.3	9.7	9.3	9.8	8.3
READING	17.2	16.7	19.7	18.8	22.7	16.7
SOC STU/SCI	8.9	8.5	10.3	9.5	11.4	7.8
ARTS/LITERATURE	8.2	8.0	9.6	9.3	11.5	8.5
SCIENCE	16.7	17.4	19.9	19.2	20.7	18.8
COMPOSITE	16.1	16.4	19.4	18.3	21.1	17.2
NO RESPONSE	(N= 3)	(N= 18)	(N= 294)	(N= 1)	(N= 2)	(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= 33)	(N= 251)	(N= 5854)	(N= 28)	(N= 51)	(N= 24)
ENGLISH	16.2	16.0	20.6	18.5	20.8	18.5
USAGE/MECH	7.6	7.6	10.3	8.8	10.6	9.0
RHET SKILLS	8.5	8.2	10.6	9.7	10.4	9.5
MATHEMATICS	17.0	17.4	21.4	18.7	21.8	19.3
PRE/ELEM-ALG	8.2	8.6	11.4	9.4	11.3	10.2
ALG/CRD-GEOM	8.4	8.4	10.6	9.1	10.8	9.5
PLANE GEOM/TRIG	8.7	8.8	10.8	9.5	10.9	9.6
READING	18.4	17.8	21.6	19.4	21.7	18.5
SOC STU/SCI	9.4	9.1	11.3	9.6	11.3	8.8
ARTS/LITERATURE	9.2	8.6	10.7	10.0	10.8	9.6
SCIENCE	18.3	18.3	21.7	19.8	21.1	19.6
COMPOSITE	17.6	17.5	21.5	19.3	21.5	19.0

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	4 20.3	45 22.1	2019 24.9	7 24.0	14 25.1	5 24.6
3.00 - 3.49	4 20.3	53 17.6	1169 21.1	4 19.5	14 20.1	5 19.4
2.50 - 2.99	7 16.9	43 16.4	943 19.5	3 20.0	10 18.7	4 17.0
2.00 - 2.49	3 14.7	48 16.2	634 18.1	6 16.7	6 17.2	4 16.5
1.99 & BELOW	6 16.5	19 15.8	302 16.5	4 17.5	2 18.0	1 16.0
CGPA PRED BY STUDENT						
3.5 - 4.0	2 28.5	31 22.7	1507 25.3	6 24.8	16 25.8	8 22.4
3.0 - 3.4	11 19.7	69 18.5	2001 21.6	9 19.3	16 20.1	7 18.7
2.5 - 2.9	8 16.4	58 16.9	1161 19.4	7 17.0	8 19.4	2 17.0
2.0 - 2.4	5 14.6	58 15.7	637 17.5	4 15.5	5 16.6	4 14.0
1.9 & BELOW	5 14.8	16 14.3	181 16.2	1 18.0	3 18.7	1 16.0
HIGH SCHOOL RANK						
TOP QUARTER	4 20.5	85 20.1	2334 24.3	7 23.1	21 24.3	11 20.5
2ND QUARTER	9 19.4	73 16.8	1854 20.2	9 18.8	10 21.0	5 19.8
BOTTOM HALF	17 16.2	73 15.8	1206 18.0	10 17.3	15 17.1	5 15.4

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	1579	24	1009	15	197	3	22	0
	FEMALE	1760	27	1141	17	266	4	22	0
	TOTAL	3349	51	2159	33	468	7	44	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	1412	22	804	12	557	8	31	0
	FEMALE	1573	24	796	12	805	12	19	0
	TOTAL	2999	46	1602	24	1371	21	50	1
GRADING PRACTICES & POLICIES	MALE	1282	20	1065	16	424	6	35	1
	FEMALE	1592	24	1138	17	445	7	12	0
	TOTAL	2885	44	2213	34	873	13	47	1
NO. & KINDS OF TESTS GIVEN	MALE	1257	19	1257	19	262	4	28	0
	FEMALE	1401	21	1461	22	312	5	15	0
	TOTAL	2671	41	2727	42	577	9	43	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	1383	21	889	14	359	5	173	3
	FEMALE	1620	25	915	14	536	8	117	2
	TOTAL	3012	46	1812	28	899	14	294	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1039	16	989	15	729	11	46	1
	FEMALE	1253	19	1154	18	755	12	27	0
	TOTAL	2300	35	2151	33	1491	23	75	1
LIBRARY OR LEARNING CENTER	MALE	1493	23	951	14	292	4	67	1
	FEMALE	1826	28	980	15	324	5	60	1
	TOTAL	3333	51	1937	30	621	9	127	2
LABORATORY FACILITIES	MALE	1417	22	1022	16	282	4	82	1
	FEMALE	1554	24	1187	18	345	5	99	2
	TOTAL	2981	45	2219	34	631	10	182	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1078	16	917	14	170	3	639	10
	FEMALE	1253	19	918	14	253	4	759	12
	TOTAL	2339	36	1841	28	426	6	1406	21
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	1211	18	950	14	294	4	349	5
	FEMALE	1386	21	1012	15	462	7	324	5
	TOTAL	2609	40	1968	30	759	12	677	10
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1183	18	1114	17	365	6	137	2
	FEMALE	1291	20	1171	18	541	8	177	3
	TOTAL	2483	38	2291	35	912	14	317	5

NUMBER OF STUDENTS - 6562

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 6562)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	4	99	6	99	19	99	8	99	0	99
35	21	99	24	99	38	99	32	99	6	99
34	60	99	44	99	94	99	40	99	15	99
33	52	99	30	99	88	98	30	99	27	99
32	57	98	61	98	85	96	51	98	57	99
31	73	97	56	97	111	95	38	98	62	98
30	79	96	90	97	190	93	43	97	128	97
29	190	95	176	95	171	90	115	96	135	96
28	163	92	208	93	182	88	146	95	179	93
27	194	89	277	89	329	85	160	92	255	91
26	261	86	360	85	289	80	384	90	311	87
25	323	82	354	80	258	76	399	84	381	82
24	348	77	473	74	356	72	482	78	423	76
23	300	72	448	67	499	66	632	71	472	70
22	429	68	333	60	401	59	560	61	529	63
21	512	61	403	55	330	53	729	52	546	55
20	518	53	485	49	588	48	671	41	543	46
19	495	45	402	42	422	39	549	31	551	38
18	460	38	521	36	332	32	494	23	544	30
17	375	31	541	28	365	27	319	15	447	21
16	341	25	612	19	353	22	238	10	366	14
15	418	20	352	10	262	16	148	7	250	9
14	291	14	191	5	373	12	104	4	166	5
13	166	9	86	2	199	7	77	3	97	3
12	123	7	16	1	142	3	56	2	52	1
11	107	5	10	1	57	1	28	1	15	1
10	76	3	1	1	14	1	17	1	5	1
9	58	2	2	1	9	1	6	1	0	1
8	48	1	0	1	3	1	2	1	0	1
7	18	1	0	1	0	1	2	1	0	1
6	1	1	0	1	2	1	1	1	0	1
5	0	1	0	1	0	1	0	1	0	1
4	1	1	0	1	1	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	1	1	0	1

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

33-36	137	2	104	2	239	4	110	2	48	1
28-32	562	9	591	9	739	11	393	6	561	9
24-27	1126	17	1464	22	1232	19	1425	22	1370	21
20-23	1759	27	1669	25	1818	28	2592	40	2090	32
16-19	1671	25	2076	32	1472	22	1600	24	1908	29
13-15	875	13	629	10	834	13	329	5	513	8
01-12	432	7	29	0	228	3	113	2	72	1

AVG(SD) 20.4(5.5) 21.2(4.8) 21.4(5.6) 21.5(4.3) 21.3(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 = 6562)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	113	99	25	99	83	99	162	99	18
17	204	98	80	99	295	99	242	98	17
16	201	95	231	98	368	94	305	94	16
15	359	92	293	95	451	89	396	89	15
14	329	87	446	90	492	82	337	83	14
13	440	82	495	84	500	74	496	78	13
12	588	75	752	76	754	67	820	70	12
11	668	66	788	65	674	55	583	58	11
10	694	56	944	53	785	45	603	49	10
9	664	45	840	38	647	33	566	40	9
8	700	35	727	25	695	23	612	31	8
7	646	24	425	14	387	12	507	22	7
6	416	15	255	8	203	7	435	14	6
5	259	8	152	4	119	3	355	8	5
4	185	4	82	2	64	2	98	2	4
3	64	1	22	1	33	1	33	1	3
2	32	1	5	1	8	1	12	1	2
1	0	1	0	1	4	1	0	1	1
AVERAGE		10.2		10.5		11.1		10.6	
S.D.		3.5		2.9		3.3		3.6	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	163	99	42	99	28	99	18
17	226	98	64	99	57	99	17
16	402	94	144	98	177	99	16
15	370	88	218	96	270	96	15
14	642	82	563	93	555	92	14
13	633	73	386	84	678	83	13
12	558	63	1029	78	871	73	12
11	718	54	771	63	677	60	11
10	655	43	857	51	1271	50	10
9	458	33	1123	38	654	30	9
8	800	26	543	21	509	20	8
7	620	14	296	13	394	12	7
6	216	5	197	8	214	6	6
5	64	2	186	5	30	3	5
4	24	1	79	2	122	3	4
3	11	1	34	1	15	1	3
2	2	1	8	1	35	1	2
1	0	1	22	1	5	1	1
AVERAGE		11.2		10.5		10.7	
S.D.		3.3		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	3094	19.6	5.4	21.8	5.0	21.0	5.7	22.0	4.5	21.2	4.6
FEMALES	3439	21.0	5.4	20.7	4.5	21.8	5.5	21.1	4.0	21.3	4.3
NO RESPONSE	29	20.9	5.2	20.9	4.2	22.8	5.3	22.0	4.4	21.7	4.2

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	1	3	2	1	4	4	2	1	1	1	1	1
28-32	7	10	12	7	11	12	8	4	10	8	10	8
24-27	15	19	24	21	17	20	23	20	20	22	20	22
20-23	26	28	24	27	27	29	38	41	31	33	31	33
16-19	26	25	28	34	22	23	22	26	29	29	29	29
13-15	16	11	9	10	15	11	4	6	9	7	9	7
01-12	8	5	0	0	4	3	2	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	1078	18	23.3	41	15	90	14	607	23	340	14
GOOD	2725	45	21.6	120	45	266	42	1255	47	1084	44
AVERAGE	1441	24	19.8	63	24	187	29	505	19	686	28
BELOW AVERAGE	286	5	19.3	17	6	37	6	90	3	142	6
VERY INADEQUATE	389	6	20.2	20	8	49	8	165	6	155	6
NO RESPONSE	99	2	21.5	4	2	11	2	50	2	34	1
NO. OF STUDENTS	6018			265		640		2672		2441	

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	6562	20.4	5.5	21.2	4.8	21.4	5.6	21.5	4.3	21.3	4.5
COLLEGE CORE											
E4, M3, SS3, NS3	3814	22.0	5.1	22.7	4.6	22.7	5.4	22.8	4.0	22.7	4.2
In between	1573	18.3	4.7	19.1	3.9	19.7	5.0	19.9	3.6	19.4	3.7
E4, M2, SS2, NS2	812	17.2	5.5	18.4	4.6	19.0	5.5	19.3	4.4	18.6	4.5
No Response	363	19.4	5.7	20.2	4.8	20.6	6.1	20.5	4.5	20.3	4.7
HS GPA RANGES											
3.50 - 4.00	2179	24.5	4.6	25.0	4.2	25.1	5.0	24.4	3.7	24.9	3.6
3.00 - 3.49	1302	20.0	4.1	20.9	3.7	21.2	4.7	21.4	3.4	21.0	3.3
2.50 - 2.99	1056	18.3	4.1	19.0	3.4	19.4	4.5	20.0	3.3	19.3	3.1
2.00 - 2.49	734	16.3	4.0	17.8	3.1	18.0	4.4	18.7	3.5	17.8	3.0
1.99 & below	362	15.0	4.0	16.5	2.8	16.3	3.9	17.5	3.4	16.5	2.9

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	2419	37	3.29	20.7	21.6
ENG 9, ENG 10, ENG 11, ENG 12	3355	51	3.10	20.3	21.2
LESS THAN 4 YEARS OF ENGLISH	418	6	3.04	19.4	20.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	370	6	- . -	19.3	20.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	155	2	3.63	25.9	24.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	339	5	3.50	24.7	24.2
ALG 1, ALG 2, GEOM, TRIG	282	4	3.09	22.4	22.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1288	20	3.26	22.6	22.6
ALG 1, ALG 2, GEOM	1730	26	2.62	19.4	20.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	882	13	3.54	25.4	24.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	327	5	3.16	21.9	21.8
LESS THAN 3 YEARS OF MATH	1164	18	2.30	17.3	17.8
NO MATH COURSE/GRADE INFORMATION REPORTED	395	6	- . -	20.0	20.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	117	2	3.19	21.3	21.1
US HIST, WORLD HIST, AM GOVT	531	8	3.09	20.7	20.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2630	40	3.35	22.1	21.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2293	35	3.23	21.3	21.3
LESS THAN 3 YEARS OF SOC SCI	599	9	2.98	20.2	20.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	392	6	- . -	20.5	20.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1832	28	3.51	23.7	23.6
BIOLOGY, CHEMISTRY, PHYSICS	27	0	3.34	23.4	23.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	2599	40	3.11	21.5	21.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	230	4	3.12	21.6	21.3
LESS THAN 3 YEARS OF NAT SCI	1476	22	2.61	19.1	18.5
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	398	6	- . -	20.5	20.3

STATE COMPOSITE FOR
NORTH DAKOTATABLE 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	1068	35	3.12	20.2	21.7
ENG 9, ENG 10, ENG 11, ENG 12	1610	52	2.91	19.6	21.1
LESS THAN 4 YEARS OF ENGLISH	207	7	2.91	18.5	20.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	209	7	- . -	18.7	20.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	83	3	3.58	26.2	24.5
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	155	5	3.45	25.7	24.5
ALG 1, ALG 2, GEOM, TRIG	136	4	3.04	23.0	22.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	483	16	3.19	23.5	22.8
ALG 1, ALG 2, GEOM	752	24	2.51	19.8	19.6
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	483	16	3.52	26.3	24.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	174	6	3.15	22.9	22.2
LESS THAN 3 YEARS OF MATH	605	20	2.24	17.5	17.7
NO MATH COURSE/GRADE INFORMATION REPORTED	223	7	- . -	20.2	20.0
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	75	2	3.07	21.0	21.0
US HIST, WORLD HIST, AM GOVT	313	10	2.98	20.0	20.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1121	36	3.29	21.9	21.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1059	34	3.15	20.8	21.3
LESS THAN 3 YEARS OF SOC SCI	307	10	2.95	20.2	20.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	219	7	- . -	20.1	20.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	949	31	3.50	24.5	24.1
BIOLOGY, CHEMISTRY, PHYSICS	13	0	3.28	24.7	24.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	992	32	2.98	21.8	21.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	145	5	3.10	22.0	21.5
LESS THAN 3 YEARS OF NAT SCI	770	25	2.52	19.3	18.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	225	7	- . -	20.8	20.1

STATE COMPOSITE FOR
NORTH DAKOTATABLE 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	1344	39	3.43	21.1	21.5
ENG 9, ENG 10, ENG 11, ENG 12	1731	50	3.27	21.0	21.2
LESS THAN 4 YEARS OF ENGLISH	206	6	3.17	20.4	20.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	158	5	- . -	20.0	20.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	72	2	3.68	25.5	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	184	5	3.54	23.9	23.9
ALG 1, ALG 2, GEOM, TRIG	145	4	3.14	21.8	22.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	801	23	3.31	22.1	22.5
ALG 1, ALG 2, GEOM	973	28	2.70	19.1	20.2
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	395	11	3.56	24.4	24.2
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	153	4	3.18	20.9	21.3
LESS THAN 3 YEARS OF MATH	547	16	2.36	17.1	18.0
NO MATH COURSE/GRADE INFORMATION REPORTED	169	5	- . -	19.7	20.2
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	41	1	3.41	21.7	21.3
US HIST, WORLD HIST, AM GOVT	214	6	3.27	21.7	21.2
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1500	44	3.40	22.3	21.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1226	36	3.31	21.7	21.3
LESS THAN 3 YEARS OF SOC SCI	288	8	3.03	20.2	19.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	170	5	- . -	20.9	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	876	25	3.51	22.8	23.1
BIOLOGY, CHEMISTRY, PHYSICS	14	0	3.43	22.1	22.9
GEN SCIENCE, BIOLOGY, CHEMISTRY	1599	46	3.20	21.3	21.5
OTHER COMBINATIONS OF 3 YEARS NAT SCI	84	2	3.14	20.8	21.0
LESS THAN 3 YEARS OF NAT SCI	696	20	2.72	18.8	18.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	170	5	- . -	20.2	20.4

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	208	19.1	24	58	6	6	1	2	4	4
ARCH & ENVIR DESIGN	149	21.5	31	50	3	3	2	2	3	3
BUSINESS & MGMT	429	21.3	24	55	9	9	6	6	7	7
BUSINESS & OFFICE	45	18.0	29	49	0	0	1	2	1	1
MARKETING & DISTRIBUTION	23	20.5	30	57	0	0	1	1	0	0
COMMUNICATION & COMM TEC	114	22.0	16	57	1	1	3	3	2	2
COMMUNITY & PRSNL SVCS	239	19.0	37	46	3	3	5	6	4	5
COMPUTER & INFO SCI	201	22.7	31	56	7	7	1	1	3	3
CROSS-DISC STUDIES	8	24.4	13	63	0	0	0	0	0	0
EDUCATION	290	21.0	41	46	2	2	8	8	5	5
TEACHER EDUCATION	136	21.0	38	49	2	2	3	3	2	3
ENGINEERING	277	23.1	23	56	9	9	1	1	5	5
ENGINEERING-RELATED TECH	163	21.7	28	55	6	6	1	1	3	3
FOREIGN LANGUAGES	26	23.3	19	54	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	1205	21.4	40	49	9	10	31	33	21	22
HUMAN, FAMILY/CONS SCI	87	20.0	32	49	0	0	3	3	2	2
LETTERS	31	25.5	42	42	0	0	1	1	1	0
MATHEMATICS	14	25.6	7	64	0	0	0	0	0	0
PHILOS, RELIG & THEOL	39	22.3	44	41	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	207	23.7	27	56	3	3	4	3	4	3
SOCIAL SCIENCES	368	22.6	30	55	4	4	8	8	6	6
TRADE & INDUSTRIAL	350	18.4	41	45	13	14	0	1	6	7
VISUAL & PERFORM ARTS	274	21.4	38	41	4	4	6	6	5	5
UNDECIDED	860	21.3	6	10	17	15	13	11	15	13
NO RESPONSE	819									

NUMBER OF STUDENTS - 6562

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	905	19.2	14	AFRICAN-AMER/BLACK	33	17.6	1
COLL PREP	2672	22.9	41	AM INDIAN,ALASKAN NTV	251	17.5	4
OTHER/GENERAL/NO RESP	2985	20.4	45	CAUCASIAN-AMER/WHITE	5854	21.5	89
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	28	19.3	0
ED/OCCUP PLANS	2470	21.4	38	ASIAN-AMER,PACIFIC ISL	51	21.5	1
EXPR IDEAS IN WRITING	1047	19.4	16	PUERTO RICAN,HISPANIC	24	19.0	0
READING/COMPREHENSION	1379	19.1	21	OTHER	55	19.3	1
STUDY SKILLS	2132	19.5	32	MULTIRACIAL	56	21.2	1
MATH SKILLS	2115	19.2	32	PREFER NOT TO RESPOND	112	21.9	2
PERSONAL CONCERNS	436	19.5	7	NO RESPONSE	98	20.9	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	5439	21.2	83	LESS THAN \$18,000	430	19.1	7
NEED TO FIND WORK	4469	21.1	68	ABOUT \$18,000-\$24,000	408	19.2	6
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	432	20.6	7
INDEP STUDY	1834	22.2	28	ABOUT \$30,000-\$36,000	459	20.5	7
HONORS COURSES	1177	24.6	18	ABOUT \$36,000-\$42,000	520	20.9	8
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	623	21.3	9
ENGLISH	988	23.7	15	ABOUT \$50,000-\$60,000	774	21.6	12
MATH	1146	23.7	17	ABOUT \$60,000-\$80,000	952	22.0	15
SOCIAL STUDIES	954	23.0	15	ABOUT \$80,000-\$100,000	491	22.8	7
NATURAL SCIENCE	941	23.1	14	MORE THAN \$100,000	512	23.1	8
FOREIGN LANG	786	23.0	12	NO RESPONSE	961	21.1	15
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	164	18.1	2	TOP QTR	2559	24.1	39
\$1001 - \$2000	228	18.6	3	2ND QTR	2063	20.1	31
\$2001 - \$4000	885	19.9	13	3RD QTR	1174	18.0	18
\$4001 - \$7500	1226	21.4	19	4TH QTR	214	16.8	3
\$7501 & OVER	327	21.9	5	NO RESPONSE	552	20.7	8
NO PREFERENCE	3124	21.9	48	EDUC DEG ASPIRATION			
NO RESPONSE	608	21.2	9	VOC-TECH	268	17.2	4
MOST RECENTLY TESTED				2YR COL DEGREE	790	17.7	12
SOPHOMORE	14	24.4	0	BACHELORS DEGREE	2533	21.3	39
JUNIOR	2493	21.7	38	GRAD STUDY	808	23.3	12
SENIOR	3794	20.9	58	PROF LEVEL DEGREE	1453	23.2	22
OTHER/NO RESPONSE	261	22.0	4	OTHER	217	19.0	3
COLLEGE CORE PREPARATION				NO RESPONSE	493	21.0	8
CORE OR MORE	3814	22.7	58	NUMBER OF STUDENTS			
LESS THAN CORE	2385	19.1	36	HOME SCHOOLED	37	22.2	1
NO RESPONSE	363	20.3	6	EARNED A GED	19	17.6	0
				ALL STUDENTS	6562	21.3	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	
3218 U OF NORTH DAKOTA	ND	3192	1168	2024	0	4	24	37	25	9	1	
3202 NORTH DAKOTA STATE U	ND	3100	1122	1978	0	4	25	36	25	9	1	
3196 BISMARCK STATE COLL	ND	1341	590	751	2	12	41	30	12	3	0	
3206 ND STATE COLL SCI	ND	1022	409	613	2	16	43	27	10	1	0	
3214 MINOT STATE UNIV	ND	1005	325	680	2	8	36	34	16	5	0	
2134 MINN ST U MOORHEAD	MN	844	208	636	0	4	28	38	23	7	0	
3201 UNIVERSITY OF MARY	ND	815	150	665	0	5	27	36	24	8	0	
2156 U MINNESOTA-TWIN C	MN	737	161	576	0	1	9	30	37	21	1	
3210 DICKINSON STATE UNIV	ND	642	191	451	1	9	36	32	16	5	0	
3216 VALLEY CITY STATE U	ND	425	72	353	1	9	33	36	17	4	0	
3200 JAMESTOWN COLLEGE	ND	392	89	303	1	7	33	35	19	5	1	
2104 CONCORDIA C-MOORHEAD	MN	317	50	267	0	1	13	36	36	12	1	
3212 MAYVILLE STATE UNIV	ND	307	72	235	0	13	43	30	11	3	0	
3198 LAKE REGION STATE C	ND	274	116	158	1	17	44	28	7	3	0	
3219 WILLISTON ST COLLEGE	ND	252	82	170	2	12	42	27	13	3	0	
3204 MINOT ST U-BOTTINEAU	ND	230	52	178	6	20	41	26	5	2	0	
3585 MSCTC-MOORHEAD	MN	213	43	170	2	13	47	30	6	1	0	
2157 U MINNESOTA-DULUTH	MN	186	28	158	0	0	16	42	27	13	1	
5150 NORTHLAND CTC-EGF	MN	160	43	117	3	22	48	24	3	0	0	
2420 MT ST UNIV-BOZEMAN	MT	142	26	116	0	2	16	42	30	10	0	
2144 ST CLOUD STATE UNIV	MN	105	14	91	0	3	26	47	20	5	0	
3197 MEDCENTER ONE C NURS	ND	99	5	94	1	13	39	30	14	2	0	
2084 BEMIDJI STATE UNIV	MN	97	16	81	0	5	21	42	29	3	0	
3916 NORTHERN STATE UNIV	SD	85	14	71	1	4	27	36	25	6	1	
3924 SOUTH DAKOTA STATE U	SD	72	18	54	0	3	21	38	29	10	0	
0088 ARIZONA STATE UNIV	AZ	71	15	56	0	1	27	37	25	10	0	
6555 R D HAIR STYLING C	ND	70	20	50	3	39	40	16	3	0	0	
2129 UNIV MN-CROOKSTON	MN	68	12	56	0	6	31	40	18	6	0	
2126 MINN ST U-MANKATO	MN	61	8	53	0	5	25	34	23	11	2	
3922 SOUTH DAKOTA MINES/T	SD	61	11	50	0	2	5	36	30	26	2	
2422 UNIV OF MONTANA	MT	57	12	45	2	2	19	33	30	12	2	
3191 TURTLE MOUNTAIN C C	ND	57	26	31	14	40	30	12	4	0	0	
2102 UNIV OF ST THOMAS-MN	MN	55	13	42	0	0	4	27	51	18	0	
3902 AUGUSTANA COLLEGE-SD	SD	54	7	47	0	2	15	35	35	13	0	
6561 ART INST INTL MINN	MN	54	12	42	0	11	33	28	22	6	0	
ALL OTHER INSTITUTIONS		3816	748	3068	1	5	22	28	27	16	2	
TOTALS		20478	5948	14530	1	7	28	33	22	9	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	(208)	(19.1)	BUSINESS & OFFICE	(45)	(18.0)
AGRICULTURAL BUSINESS	9	20.8	BOOKKEEPING/ACCT TECH	5	16.6
AGRICULTURAL ECONOMICS	1	19.0	BUSINESS DP/COMPUTER OPER	1	18.0
AGRICULTURAL MECHANICS	8	18.9	COURT REPORTING	1	19.0
AGRI PRODUCTION/TECH	4	17.0	OFFICE SUPERVISION & MGMT	1	18.0
AGRONOMY	6	22.5	SECRETARIAL	10	16.7
ANIMAL SCIENCES	16	20.7	TYPING & GENERAL OFFICE	2	15.0
FARM & RANCH MANAGEMENT	28	18.5	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	39	17.7	BUSINESS & OFFICE, GEN	25	19.0
FOOD SCIENCES/ENGINEERING	1	17.0			
FORESTRY & RELATED SCI	3	16.7	MARKETING & DISTRIBUTION	(23)	(20.5)
HORTICULTURE/ORNMENTAL HORT	6	23.3	FASHION MERCHANDISING	6	18.7
NATURAL RESOURCES MGMT	4	19.3	RETAILING & SALES	2	16.5
AGRICULTURE & AG TECH, GEN	83	19.1	TRAVEL SERVICES & TOURISM	2	23.0
			MARKETING & DISTRIB, GEN	13	21.6
ARCH & ENVIR DESIGN	(149)	(21.5)			
ARCHITECTURAL DRAFTING	28	21.2	COMMUNICATIONS & COMM TECH	(114)	(22.0)
ARCHITECTURE	20	23.0	ADVERTISING	7	22.0
BLDG CON/CONSTRUCTION SCI	4	19.8	GRAPHIC/COMMERCIAL ART	8	21.4
CITY, COMM & REG PLANNING	1	26.0	GRAPHIC & PRINT COMMUNIC	1	28.0
ENVIRONMENTAL DESIGN	1	20.0	JOURNALISM	17	23.2
INTERIOR DESIGN	27	21.6	PHOTO/FILM/VIDEO TECH	5	18.6
LANDSCAPE ARCHITECTURE	6	18.0	PUBLIC RELATIONS	3	23.7
ARCHI & ENVIR DESIGN, GEN	62	21.4	RADIO/TV BROADCASTING	4	21.5
			RADIO/TV PRODUCTN & TECH	2	18.0
BUSINESS & MGMT	(429)	(21.3)	COMMUNIC & COMM TECH, GEN	67	21.9
ACCOUNTING	59	21.6			
BANKING & FINANCE	13	21.4	COMMNTY & PRSNL SVCS	(239)	(19.0)
BUSINESS ADMIN & MGMT	40	20.7	CORRECTIONS	0	0.0
BUSINESS ECONOMICS	3	26.3	COSMETOLOGY/HAIRSTYLING	31	18.0
CONTRACT MGMT & PURCHSING	1	17.0	CRIMINAL JUSTICE/CRIMINOL	60	20.0
HOTEL/RESTAURANT MGMT	9	20.3	FIRE PROTECTN/SAFETY TECH	5	18.4
HUMAN RESOURCE DEVEL/TRNG	1	26.0	FUNERAL SVCS/MORTUARY SCI	3	19.3
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	25	19.0
INSURANCE & RISK MGMT	2	23.0	LIBRARY SCI/LIB ASSISTING	2	31.0
INTERNATL BUSINESS/MGMT	6	22.2	MILITARY SCIENCE/TECH	2	14.0
LABOR/INDUSTRL RELATIONS	1	18.0	PARKS & RECREATION	1	20.0
MANAGEMENT INFO SYSTEMS	0	0.0	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	2	20.0	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	4	22.3	SOCIAL WORK	23	18.8
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	87	18.7
PERSONNEL MANAGEMENT	0	0.0			
REAL ESTATE	4	22.5			
SML BUSINESS MGMT/OWNRSHIP	23	20.0			
TRADE & INDUSTRIAL MGMT	2	20.5			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	259	21.4			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(201)	(22.7)	ENGINEERING	(277)	(23.1)
COMPUTER PROGRAMMING	54	22.2	AEROSPACE ENGINEERING	17	25.6
COMPUTER SCIENCE	43	23.7	AGRICULTURAL ENGINEERING	5	18.2
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	3	23.7
INFO SCIENCES & SYSTEMS	7	21.7	BIOENGINEER & BIOMED ENG	4	27.3
MATH/COMPUTER SCIENCE	3	29.7	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	94	22.5	CHEMICAL ENGINEERING	17	26.2
CROSS-DISC STUDIES	(8)	(24.4)	CIVIL ENGINEERING	16	22.1
AREA & ETHNIC STUDIES	0	0.0	COMPUTER ENGINEERING	12	24.6
LIBERAL ARTS/GEN STUDIES	2	29.0	CONSTRUCTION ENG/MGMT	6	22.5
MULTI-/INTERDISC STUDIES	2	27.0	ELECTRCL & ELECTRONIC ENG	22	22.2
CROSS-DISC STUDIES, GEN	4	20.8	ENGINEERING MANAGEMENT	2	25.5
EDUCATION	(290)	(21.0)	ENGINEERING PHYSICS	1	29.0
ADULT & CONTINUING EDUC	2	27.0	ENGINEERING SCIENCE	0	0.0
EDUCATION ADMINISTRATION	0	0.0	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	118	20.7	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	8	25.9	INDUSTRIAL ENGINEERING	3	21.0
PRE-ELEMENTARY EDUCATION	18	17.7	MATERIALS ENGINEERING	0	0.0
SECONDARY EDUCATION	21	21.9	MECHANICAL ENGINEERING	28	22.5
STUDENT COUNSELING	2	17.5	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	0	0.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	121	21.2	MINING & MINERAL ENG	0	0.0
TEACHER EDUCATION	(136)	(21.0)	NAVAL ARCHIT & MARINE ENG	0	0.0
AGRICULTURAL EDUCATION	2	23.0	NUCLEAR ENGINEERING	0	0.0
ART EDUCATION	4	20.0	OCEAN ENGINEERING	0	0.0
BUSINESS EDUCATION	1	25.0	PETROLEUM ENGINEERING	2	18.5
ENGLISH EDUCATION	14	21.1	SYSTEMS ENGINEERING	0	0.0
FOREIGN LANGUAGES EDUC	1	25.0	ENGINEERING, GENERAL	139	22.8
HEALTH EDUCATION	1	22.0	ENGINEERING-RELATED TECH	(163)	(21.7)
HUMAN, FAM/CONS SCI EDUC	3	18.0	AERONAUTICAL TECHNOLOGY	11	22.8
INDUSTRIAL ARTS EDUCATION	0	0.0	AC, HEATING, REFRIG TECH	3	15.7
MATHEMATICS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	7	20.6
MUSIC EDUCATION	17	24.2	BIOMEDICAL EQUIPMENT TECH	0	0.0
PHYSICAL EDUCATION	10	18.0	CIVIL ENGINEERING TECH	5	24.6
SCIENCE EDUCATION	3	25.7	COMPUTER ENGINEERING TECH	10	24.2
SOC STUDIES/SOC SCI EDUC	10	20.4	CONSTRUCTION/BLDG TECH	3	16.7
SPECIAL EDUCATION	8	20.1	DRAFTING & DESIGN TECH	5	20.6
SPEECH CORRECTION EDUC	1	21.0	ELECTRICAL ENG TECHNOLOGY	19	20.6
TEACHING ENGL AS 2ND LANG	1	15.0	ELECTRONIC ENG TECHNOLOGY	7	21.1
TECH/TRADE & IND ED	0	0.0	ELECTROMECHAN INSTR TECH	0	0.0
TEACHER EDUCATION, OTHER	6	20.3	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, GEN	54	20.8	INDUSTRRL PRODUCTION TECH	0	0.0

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	1	17.0	HUMAN, FAMILY/CONS SCI	(87)	(20.0)
MANUFACTURING TECHNOLOGY	0	0.0	CHILD DEV, CARE, GUIDANCE	13	20.8
MECHANICAL ENG TECH	19	21.8	CHILD CARE AIDE/ASSISTING	2	14.5
MINING & PETROLEUM TECH	2	22.5	CULINARY ARTS	10	18.8
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	0	0.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	15	19.5
ENGINEERING TECH, OTHER	4	22.5	FOOD PRODUCTN, MGMT, SVCS	2	19.5
ENGINEER-RELATD TECH, GEN	67	21.9	FOOD SCI & NUTR/DIETETICS	10	23.5
			HUMAN ENVIRON & HOUSING	0	0.0
FOREIGN LANGUAGES	(26)	(23.3)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	1	24.0	TEXTILES AND CLOTHING	3	19.3
CLASSICAL LANGUAGES	0	0.0	HUMAN, FAM/CONS SCI, GEN	32	19.8
FRENCH	2	24.5			
GERMAN	1	24.0	LETTERS	(31)	(25.5)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	1	25.0
RUSSIAN	1	26.0	CREATIVE WRITING	8	27.3
SPANISH	8	24.6	ENGLISH, GENERAL	11	25.5
FOREIGN LANGUAGES, OTHER	4	19.5	LINGUISTICS	1	24.0
FOREIGN LANGUAGES, GEN	9	23.0	LITERATURE, ENGLISH/AMER	1	26.0
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(1205)	(21.4)	LETTERS, GENERAL	9	23.9
CHIROPRACTIC	24	20.3			
DENTAL ASSISTING	3	18.3	MATHEMATICS	(14)	(25.6)
DENTAL HYGIENE	34	20.0	ACTUARIAL SCIENCES	1	27.0
DENTAL LAB/TECHNOLOGY	0	0.0	APPLIED MATHEMATICS	1	33.0
DENTISTRY	31	23.1	STATISTICS	3	30.0
EMERG MED TECH/PARAMEDIC	6	18.5	MATHEMATICS, GENERAL	9	23.2
HEALTH CARE ADMIN	2	20.0			
MEDICAL/SURG ASSISTING	13	21.3	PHILOS, RELIG & THEOLOGY	(39)	(22.3)
MEDICAL LAB/TECHNOLOGY	9	21.1	BIBLE STUDIES	2	24.0
MED RECORDS ADMIN/TECH	1	13.0	PHILOSOPHY	2	25.5
MEDICINE	127	24.5	RELIGION	4	20.8
MNTL HLTH & HUM SVCS/TECH	6	22.2	RELIGIOUS EDUCATION	8	20.6
NUCLEAR MEDICINE TECH	0	0.0	RELIGIOUS MUSIC	1	23.0
NURSING (PRACTICAL)	31	18.8	THEOLOGY	2	21.5
NURSING (REGISTERED)	162	20.0	PHILOS, RELIG & THEOL, GEN	20	22.9
OCCUPATNL THERAPY/ASSIST	20	20.3			
OPTOMETRY	17	23.2			
PHARMACY	64	23.5			
PHYSICIAN ASSISTING	6	21.5			
PHYSICAL THERAPY/ASSIST	87	20.6			
RADIOLOGY/RADIOLOGIC TECH	29	19.6			
REC/ART/MUSIC THERAPY	2	16.5			
RESPIRATORY THERAPY/TECH	6	20.3			
SPEECH PATHOL/AUDIOLOGY	6	18.0			
VETERINARIAN ASSISTING	11	17.5			
VETERINARY MEDICINE	37	23.3			
HEALTH SCI & ALLIED, GEN	471	21.3			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	207)	(23.7)	VISUAL/PERFORM ARTS	(274)	(21.4)
ASTRONOMY	6	24.7	APPLIED DESIGN/CRAFTS	2	19.5
ATMOSPHER SCI & METEOROL	5	25.6	ART	20	20.1
BIOCHEMISTRY & BIOPHYSICS	5	24.6	ART HIST & APPRECIATION	1	15.0
BIOLOGY	59	23.1	CINEMATOGRAPHY/FILM/VIDEO	15	22.7
BOTANY	1	18.0	DANCE	4	22.3
CHEMISTRY	24	25.3	DESIGN, GENERAL	10	20.6
EARTH SCIENCE	0	0.0	DRAMA/THEATRE ARTS	19	24.8
ECOLOGY/ENV STUDIES	6	24.0	FINE ARTS, GENERAL	0	0.0
GEOLOGY	3	22.7	GRAPHIC ARTS TECHNOLOGY	3	17.7
MICROBIOLOGY	3	25.0	GRAPHIC DESIGN	22	19.6
OCEANOGRAPHY	5	20.6	MUSIC (LIBERAL ARTS)	21	25.2
PHYSICS	5	23.8	MUSIC PERFORMANCE	29	22.6
ZOOLOGY	12	22.8	MUSIC THEORY & COMPOSIT	5	22.4
SCIENCES (BIO & PHYS), GEN	73	23.6	PHOTOGRAPHY	24	18.9
			VISUAL/PERFORM ARTS, GEN	99	20.8
SOCIAL SCIENCES (	368)	(22.6)	UNDECIDED	(860)	(21.3)
ANTHROPOLOGY	10	23.0			
ECONOMICS	1	33.0			
GEOGRAPHY	0	0.0			
HISTORY	17	19.3			
INTERNATIONAL RELATIONS	4	27.3			
LAW	60	23.0			
PARALEGAL/LEGAL ASSISTING	6	19.8			
POLITICAL SCI/GOVERNMENT	23	25.7			
PSYCHOLOGY	124	22.2			
SOCIOLOGY	8	19.8			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	115	22.7			
TRADE & INDUSTRIAL (	350)	(18.4)			
AIRCRAFT TECHNICIAN	4	17.5			
AIRPLANE PILOTING & NAVIG	25	22.8			
AUTOMOTIVE BODY REPAIR	36	16.9			
AUTOMOTIVE TECHNOLOGY	56	18.8			
AVIATION MANAGEMENT	1	21.0			
COMPUTER ELECTRNCES/REPAIR	2	16.5			
CONSTRCT TRADES & CARPENT	16	16.4			
DIESEL MECHANICS & TECH	21	17.8			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	12	20.6			
HEATING, AC, REFRIG MECH	9	17.0			
MACHINE TECHNOLOGY	1	20.0			
MECHANICAL DRAFTING	0	0.0			
WELDING & WELDING TECH	25	17.4			
TRADE & INDUSTRIAL, GEN	142	18.3			

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)	35	17.5	11	18.5	23	17.0	9	18.4	25	17.2
BUSINESS OPER (04-05)	149	17.6	40	19.1	102	17.3	101	17.6	47	17.6
TECHNICAL (06-07)	398	17.5	121	19.1	268	16.9	315	17.4	83	18.0
SCIENCE & TECH (08-09)	167	18.0	57	19.4	108	17.2	97	17.8	70	18.2
ARTS (10-11)	47	18.2	16	19.2	29	17.7	10	19.3	37	17.9
SOCIAL SERVICE (12-01)	35	17.2	7	18.9	28	16.8	8	15.6	26	17.6
OTHER*	227	17.2	54	19.7	156	16.4	113	17.7	113	16.7
TOTAL	1058	17.6	306	19.2	714	16.9	653	17.6	401	17.5
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	399	22.4	289	23.5	105	19.4	156	23.0	242	21.9
BUSINESS OPER (04-05)	485	21.5	324	22.3	159	19.7	237	21.7	246	21.2
TECHNICAL (06-07)	734	21.9	495	22.8	226	19.9	511	22.0	220	21.7
SCIENCE & TECH (08-09)	924	22.7	646	23.4	266	20.9	450	22.9	470	22.4
ARTS (10-11)	569	22.7	398	23.5	160	20.8	136	23.6	428	22.4
SOCIAL SERVICE (12-01)	411	22.2	283	22.9	125	20.4	95	22.0	315	22.2
OTHER*	1272	22.1	820	23.0	416	20.4	521	22.6	746	21.7
TOTAL	4794	22.2	3255	23.1	1457	20.3	2106	22.5	2667	22.0

* 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	2621	2.99	2.92	3.17	3.06	3.03	0.72
FEMALE	2989	3.33	3.04	3.33	3.20	3.22	0.67
NO RESPONSE	23	3.04	3.02	3.10	2.97	2.99	0.74
AFRICAN-AMERICAN/BLACK	24	2.70	2.31	2.88	2.82	2.68	0.65
CAUCASIAN-AMERICAN/WHITE	5067	3.19	3.01	3.27	3.15	3.15	0.69
OTHER MINORITY	344	2.97	2.62	3.07	2.94	2.91	0.73
MISSING/PREFER NO RESP	198	3.07	2.87	3.14	3.08	3.02	0.75
TOTAL	5633	3.17	2.98	3.25	3.13	3.13	0.70

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 55, THIS MEANS THAT 55% 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 46 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	0	99
35	6	99
34	15	99
33	27	99
32	57	99
31	62	98
30	128	97
29	135	96
28	179	93
27	255	91
26	311	87
25	381	82
24	423	76
23	472	70
22	529	63
21	546	55 <-- 55% OF THE STUDENTS SCORE AT OR BELOW 21
20	543	46 <-- 46% OF THE STUDENTS SCORE BELOW 21
19	551	38
18	544	30
17	447	21
16	366	14
15	250	9
14	166	5
13	97	3
12	52	1
11	15	1
10	5	1
9	0	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

