

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

**STATE COMPOSITE FOR
IOWA**

CODE 160-000

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	16350	7710	66/ 31	22.4/19.2	22.6/19.4	23.2/20.3	23.0/20.5	22.9/20.0
2001-02	15713	7295	66/ 31	22.3/19.0	22.7/19.5	23.3/20.4	22.9/20.4	22.9/19.9
2002-03	15880	7267	66/ 30	22.3/19.2	22.6/19.5	23.3/20.5	22.9/20.5	22.9/20.0
2003-04	15522	7008	66/ 30	22.3/19.4	22.7/19.7	23.2/20.6	22.8/20.5	22.9/20.2
2004-05	14799	6565	66/ 29	22.4/19.5	22.6/19.7	23.2/20.6	22.8/20.6	22.9/20.2

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	24730	21.3	21.6	22.3	22.2	22.0
2001-02	23805	21.2	21.7	22.4	22.1	22.0
2002-03	24200	21.3	21.6	22.4	22.1	22.0
2003-04	23591	21.4	21.8	22.4	22.1	22.0
2004-05	22545	21.5	21.7	22.4	22.1	22.0

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	25.0	25.1	26.4	24.7	25.0
Q2 (50TH PERCENTILE - MEDIAN)	21.2	21.2	22.2	21.8	21.8
Q1 (25TH PERCENTILE)	17.8	17.7	18.2	19.4	18.9

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

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

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P RICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 201)	(N= 33)	(N= 13338)	(N= 176)	(N= 279)	(N= 59)
ENGLISH	18.5	20.5	22.6	20.0	22.4	21.4
USAGE/MECH	9.0	10.1	11.4	10.0	11.4	10.9
RHET SKILLS	9.6	10.5	11.7	10.3	11.4	11.0
MATHEMATICS	18.5	21.5	22.6	20.3	23.1	21.7
PRE/ELEM-ALG	9.6	11.7	12.2	10.7	12.3	11.4
ALG/CRD-GEOM	9.3	10.8	11.3	10.1	11.6	11.0
PLANE GEOM/TRIG	9.1	10.8	11.5	10.2	11.7	10.9
READING	19.3	20.6	23.3	21.5	22.8	23.2
SOC STU/SCI	9.5	10.2	12.0	11.0	11.8	12.1
ARTS/LITERATURE	9.9	10.8	11.8	11.0	11.5	11.7
SCIENCE	19.2	21.2	22.9	20.6	22.4	21.5
COMPOSITE	19.0	21.1	23.0	20.7	22.8	22.1
LESS THAN CORE	(N= 133)	(N= 33)	(N= 5801)	(N= 97)	(N= 108)	(N= 28)
ENGLISH	14.8	17.0	19.6	17.2	18.5	18.7
USAGE/MECH	6.9	8.0	9.7	8.2	9.1	9.1
RHET SKILLS	7.7	9.1	10.2	8.8	9.4	9.6
MATHEMATICS	15.9	17.8	19.8	18.1	19.9	17.4
PRE/ELEM-ALG	7.5	8.9	10.3	9.2	10.1	8.4
ALG/CRD-GEOM	7.8	9.0	9.8	9.1	10.1	8.4
PLANE GEOM/TRIG	7.4	8.7	10.1	8.9	10.0	8.7
READING	16.3	19.9	20.8	18.4	19.6	18.3
SOC STU/SCI	8.2	10.0	10.7	9.4	10.1	9.3
ARTS/LITERATURE	7.9	10.2	10.4	9.0	9.6	9.0
SCIENCE	16.9	19.3	20.7	18.8	20.2	18.5
COMPOSITE	16.1	18.6	20.4	18.3	19.7	18.3
NO RESPONSE	(N= 23)	(N= 3)	(N= 961)	(N= 24)	(N= 24)	(N= 9)

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= 357)	(N= 69)	(N= 20100)	(N= 297)	(N= 411)	(N= 96)
ENGLISH	17.1	18.6	21.6	18.8	21.3	20.3
USAGE/MECH	8.2	9.0	10.9	9.3	10.7	10.3
RHET SKILLS	8.9	9.8	11.2	9.7	10.9	10.4
MATHEMATICS	17.6	19.7	21.8	19.5	22.3	20.3
PRE/ELEM-ALG	8.9	10.3	11.6	10.1	11.7	10.4
ALG/CRD-GEOM	8.8	9.9	10.8	9.8	11.2	10.1
PLANE GEOM/TRIG	8.4	9.8	11.1	9.7	11.2	10.2
READING	18.2	20.4	22.5	20.3	21.9	21.4
SOC STU/SCI	9.0	10.2	11.6	10.4	11.3	11.0
ARTS/LITERATURE	9.1	10.5	11.4	10.3	11.0	10.8
SCIENCE	18.3	20.2	22.2	19.9	21.8	20.4
COMPOSITE	17.9	19.9	22.2	19.8	21.9	20.7

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	69 20.7	12 22.3	8488 24.6	85 22.7	189 24.1	32 23.2
3.00 - 3.49	84 19.0	20 20.7	4794 21.1	60 20.1	90 20.5	20 20.2
2.50 - 2.99	69 16.6	15 19.8	2775 19.4	57 18.3	49 19.1	18 18.5
2.00 - 2.49	56 15.7	9 17.0	1239 18.3	33 17.1	26 18.2	8 16.4
1.99 & BELOW	21 15.7	3 15.7	292 17.3	12 15.2	3 14.7	1 14.0
CGPA PRED BY STUDENT						
3.5 - 4.0	40 21.4	9 22.0	5126 25.5	56 23.3	141 25.1	23 24.5
3.0 - 3.4	123 18.7	27 20.7	8249 22.0	116 20.4	142 21.0	43 19.9
2.5 - 2.9	81 17.3	14 19.0	3685 19.7	58 17.4	65 18.6	19 18.3
2.0 - 2.4	62 15.3	12 17.1	1323 18.1	31 17.3	12 17.4	3 19.7
1.9 & BELOW	11 16.5	0 0.0	239 16.9	8 15.8	5 15.4	0 0.0
HIGH SCHOOL RANK						
TOP QUARTER	73 20.2	15 21.8	9072 24.3	88 22.8	180 24.0	30 23.0
2ND QUARTER	139 17.7	27 20.2	6414 20.6	109 19.1	120 20.5	37 20.6
BOTTOM HALF	101 16.8	21 17.6	2740 18.7	66 17.2	52 18.7	18 17.4

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	5053	22	3263	14	625	3	66	0
	FEMALE	5914	26	4182	19	853	4	48	0
	TOTAL	11006	49	7473	33	1483	7	115	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	4812	21	2474	11	1653	7	70	0
	FEMALE	5808	26	2783	12	2345	10	64	0
	TOTAL	10657	47	5280	23	4010	18	135	1
GRADING PRACTICES & POLICIES	MALE	4199	19	3403	15	1313	6	84	0
	FEMALE	5525	25	3888	17	1515	7	58	0
	TOTAL	9758	43	7317	32	2839	13	143	1
NO. & KINDS OF TESTS GIVEN	MALE	4137	18	3962	18	829	4	72	0
	FEMALE	4904	22	4916	22	1110	5	57	0
	TOTAL	9072	40	8908	40	1949	9	131	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	4504	20	2700	12	1414	6	378	2
	FEMALE	5388	24	2958	13	2277	10	353	2
	TOTAL	9925	44	5678	25	3708	16	734	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	3306	15	3148	14	2372	11	160	1
	FEMALE	4160	18	3815	17	2886	13	118	1
	TOTAL	7492	33	6992	31	5276	23	279	1
LIBRARY OR LEARNING CENTER	MALE	4683	21	2998	13	1112	5	201	1
	FEMALE	5978	27	3483	15	1336	6	183	1
	TOTAL	10703	47	6505	29	2452	11	387	2
LABORATORY FACILITIES	MALE	4282	19	3337	15	1099	5	280	1
	FEMALE	4996	22	4107	18	1427	6	445	2
	TOTAL	9316	41	7468	33	2536	11	726	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	3131	14	2853	13	655	3	2356	10
	FEMALE	3982	18	3187	14	942	4	2865	13
	TOTAL	7141	32	6067	27	1602	7	5234	23
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	4209	19	2851	13	994	4	941	4
	FEMALE	5230	23	3280	15	1466	7	1012	4
	TOTAL	9471	42	6158	27	2467	11	1960	9
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	3393	15	3546	16	1375	6	670	3
	FEMALE	3857	17	4087	18	2223	10	782	3
	TOTAL	7281	32	7663	34	3605	16	1457	6

NUMBER OF STUDENTS - 22545

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 22545)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	33	99	30	99	143	99	44	99	6	99
35	129	99	106	99	226	99	122	99	30	99
34	279	99	163	99	416	98	110	99	75	99
33	224	98	132	99	386	97	113	99	164	99
32	282	97	201	98	392	95	248	98	215	99
31	365	96	285	97	523	93	169	97	327	98
30	353	94	327	96	726	91	238	96	508	96
29	834	93	661	94	709	88	484	95	572	94
28	718	89	784	92	783	84	683	93	819	92
27	741	86	1034	88	1264	81	766	90	981	88
26	1082	82	1381	83	1203	75	1357	87	1193	84
25	1322	78	1247	77	1055	70	1534	81	1465	78
24	1356	72	1712	72	1357	65	1817	74	1659	72
23	1252	66	1577	64	1695	59	2272	66	1827	64
22	1776	60	1229	57	1397	52	1952	56	1952	56
21	1828	52	1343	52	1124	46	2541	47	2000	48
20	1804	44	1736	46	1921	41	2213	36	1965	39
19	1602	36	1594	38	1330	32	1696	26	1781	30
18	1362	29	1774	31	994	26	1581	19	1517	22
17	1192	23	1882	23	1105	22	852	12	1278	15
16	978	18	1812	15	1045	17	657	8	908	10
15	1149	13	912	7	786	12	400	5	620	6
14	704	8	403	3	825	9	248	3	392	3
13	340	5	162	1	546	5	205	2	190	1
12	264	4	42	1	402	3	113	1	71	1
11	222	3	8	1	127	1	68	1	22	1
10	157	2	2	1	35	1	35	1	5	1
9	83	1	2	1	17	1	19	1	3	1
8	79	1	2	1	6	1	4	1	0	1
7	30	1	2	1	2	1	4	1	0	1
6	4	1	0	1	4	1	0	1	0	1
5	1	1	0	1	0	1	0	1	0	1
4	0	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	0	1	0	1

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

33-36	665	3	431	2	1171	5	389	2	275	1
28-32	2552	11	2258	10	3133	14	1822	8	2441	11
24-27	4501	20	5374	24	4879	22	5474	24	5298	23
20-23	6660	30	5885	26	6137	27	8978	40	7744	34
16-19	5134	23	7062	31	4474	20	4786	21	5484	24
13-15	2193	10	1477	7	2157	10	853	4	1202	5
01-12	840	4	58	0	594	3	243	1	101	0

AVG(SD) 21.5(5.3) 21.7(4.7) 22.4(5.7) 22.1(4.2) 22.0(4.4)

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 = 22545)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	560	99	167	99	417	99	862	99	18
17	930	98	372	99	1325	98	1141	96	17
16	805	93	1072	98	1358	92	1343	91	16
15	1470	90	1361	93	1673	86	1601	85	15
14	1447	83	1991	87	1898	79	1459	78	14
13	1644	77	1942	78	1784	70	1993	72	13
12	2210	70	3000	69	2649	62	2894	63	12
11	2510	60	2906	56	2200	51	1974	50	11
10	2442	49	3234	43	2548	41	1958	41	10
9	2336	38	2511	29	2220	30	1775	32	9
8	2187	27	1910	18	2147	20	1674	25	8
7	1765	18	1008	9	1183	10	1538	17	7
6	1088	10	564	5	586	5	1087	10	6
5	585	5	286	2	298	2	886	6	5
4	393	3	159	1	168	1	262	2	4
3	130	1	51	1	64	1	72	1	3
2	41	1	11	1	20	1	25	1	2
1	2	1	0	1	7	1	1	1	1
AVERAGE	10.8		11.1		11.5		11.3		
S.D.	3.4		2.8		3.3		3.6		

STD SCORE	PRE/ELEM ALG		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	618	99	161	99	145	99	18
17	859	97	272	99	199	99	17
16	1379	93	524	98	679	98	16
15	1408	87	748	96	1238	95	15
14	2349	81	2102	92	2093	90	14
13	2356	71	1596	83	2450	81	13
12	1892	60	3625	76	3008	70	12
11	2674	52	2867	60	2314	56	11
10	2257	40	3124	47	4439	46	10
9	1683	30	3805	33	2131	27	9
8	2695	22	1594	17	1703	17	8
7	1679	11	864	9	1039	10	7
6	497	3	481	6	591	5	6
5	121	1	448	3	52	2	5
4	53	1	177	1	311	2	4
3	15	1	109	1	28	1	3
2	9	1	25	1	100	1	2
1	1	1	23	1	25	1	1
AVERAGE	11.5		10.8		11.0		
S.D.	3.2		2.7		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	10319	21.1	5.4	22.5	4.9	22.2	5.8	22.8	4.4	22.3	4.6
FEMALES	12114	21.9	5.3	21.0	4.5	22.5	5.6	21.5	4.0	21.9	4.3
NO RESPONSE	112	20.6	5.4	21.4	4.7	21.7	5.8	21.9	4.2	21.5	4.4

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

SCORE RANGE	M		F		M		F		M		F	
33-36	3	3	3	1	5	5	3	1	2	1		
28-32	10	12	13	7	14	14	11	6	12	10		
24-27	19	21	26	22	22	22	27	22	25	23		
20-23	29	30	25	27	26	28	37	42	33	35		
16-19	24	21	27	35	20	20	18	24	23	26		
13-15	11	9	5	8	11	9	3	4	5	5		
01-12	4	3	0	0	3	2	1	1	1	0		

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

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	3889	19	23.8	129	14	148	12	2605	23	1007	14
GOOD	9454	46	22.1	396	44	553	47	5240	47	3265	46
AVERAGE	4374	22	20.7	221	25	302	25	1978	18	1873	27
BELOW AVERAGE	822	4	20.4	46	5	71	6	367	3	338	5
VERY INADEQUATE	1256	6	21.2	81	9	88	7	672	6	415	6
NO RESPONSE	543	3	22.7	27	3	24	2	329	3	163	2
NO. OF STUDENTS	20338			900		1186		11191		7061	

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	22545	21.5	5.3	21.7	4.7	22.4	5.7	22.1	4.2	22.0	4.4
COLLEGE CORE											
E4, M3, SS3, NS3	14799	22.4	5.1	22.6	4.6	23.2	5.6	22.8	4.1	22.9	4.2
In between	3291	19.6	5.1	19.6	4.2	20.6	5.4	20.5	3.9	20.2	4.0
E4, M2, SS2, NS2	3274	19.4	5.4	19.8	4.6	20.7	5.7	20.6	4.3	20.2	4.4
No Response	1181	21.2	5.3	21.4	4.8	22.2	5.8	21.7	4.1	21.7	4.3
HS GPA RANGES											
3.50 - 4.00	9281	24.4	4.8	24.3	4.4	25.0	5.3	24.1	3.9	24.6	3.9
3.00 - 3.49	5341	20.5	4.3	20.6	3.9	21.4	5.0	21.4	3.6	21.1	3.5
2.50 - 2.99	3139	18.4	4.2	18.8	3.4	19.5	4.7	19.9	3.5	19.3	3.2
2.00 - 2.49	1467	17.0	4.3	17.8	3.2	18.3	4.7	18.9	3.6	18.1	3.3
1.99 & below	361	15.9	4.3	16.8	2.9	17.3	4.6	18.2	3.6	17.2	3.3

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	12850	57	3.45	21.9	22.3
ENG 9, ENG 10, ENG 11, ENG 12	5887	26	3.38	21.4	22.0
LESS THAN 4 YEARS OF ENGLISH	2583	11	3.17	19.9	20.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1225	5	- . -	21.2	21.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1129	5	3.64	25.6	25.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	2024	9	3.38	23.0	23.3
ALG 1, ALG 2, GEOM, TRIG	1791	8	3.21	21.8	22.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	3167	14	3.24	21.6	22.1
ALG 1, ALG 2, GEOM	5012	22	2.75	19.0	20.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	4841	21	3.58	25.0	24.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	990	4	3.19	21.4	21.8
LESS THAN 3 YEARS OF MATH	2292	10	2.47	17.5	18.4
NO MATH COURSE/GRADE INFORMATION REPORTED	1299	6	- . -	21.4	21.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	509	2	3.47	22.6	22.3
US HIST, WORLD HIST, AM GOVT	1399	6	3.29	21.4	21.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	9987	44	3.51	22.9	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	7318	32	3.39	22.3	22.0
LESS THAN 3 YEARS OF SOC SCI	2049	9	3.26	21.0	20.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1283	6	- . -	22.4	21.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	8094	36	3.54	23.5	23.6
BIOLOGY, CHEMISTRY, PHYSICS	1345	6	3.52	24.6	25.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	8037	36	3.19	21.2	21.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	775	3	3.14	22.0	21.9
LESS THAN 3 YEARS OF NAT SCI	3009	13	2.84	19.7	19.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1285	6	- . -	21.7	21.8

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	5598	54	3.31	21.6	22.7
ENG 9, ENG 10, ENG 11, ENG 12	2715	26	3.23	21.0	22.3
LESS THAN 4 YEARS OF ENGLISH	1300	13	3.01	19.5	20.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	706	7	- . -	20.7	21.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	575	6	3.59	26.3	25.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	810	8	3.30	23.7	23.3
ALG 1, ALG 2, GEOM, TRIG	770	7	3.10	22.5	22.3
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1204	12	3.14	22.3	22.0
ALG 1, ALG 2, GEOM	2033	20	2.62	19.6	19.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2629	25	3.55	25.7	24.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	499	5	3.09	21.8	21.9
LESS THAN 3 YEARS OF MATH	1063	10	2.42	18.0	18.5
NO MATH COURSE/GRADE INFORMATION REPORTED	736	7	- . -	21.9	21.8
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	245	2	3.42	22.7	22.7
US HIST, WORLD HIST, AM GOVT	743	7	3.22	21.3	21.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4316	42	3.45	22.8	22.7
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3262	32	3.33	22.1	22.3
LESS THAN 3 YEARS OF SOC SCI	1013	10	3.19	20.8	21.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	740	7	- . -	22.2	21.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	4076	39	3.50	24.2	23.9
BIOLOGY, CHEMISTRY, PHYSICS	665	6	3.52	25.6	25.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	2980	29	3.06	21.7	21.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	464	4	3.12	22.6	22.0
LESS THAN 3 YEARS OF NAT SCI	1395	14	2.71	19.9	19.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	739	7	- . -	22.1	21.8

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	7199	59	3.57	22.2	22.1
ENG 9, ENG 10, ENG 11, ENG 12	3149	26	3.50	21.8	21.8
LESS THAN 4 YEARS OF ENGLISH	1266	10	3.34	20.4	20.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	500	4	- . -	21.9	21.7
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	546	5	3.69	24.9	25.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1209	10	3.44	22.6	23.3
ALG 1, ALG 2, GEOM, TRIG	1014	8	3.29	21.3	22.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1952	16	3.30	21.2	22.1
ALG 1, ALG 2, GEOM	2957	24	2.83	18.7	20.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2196	18	3.63	24.2	24.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	485	4	3.29	21.0	21.8
LESS THAN 3 YEARS OF MATH	1212	10	2.52	17.1	18.4
NO MATH COURSE/GRADE INFORMATION REPORTED	543	4	- . -	20.6	21.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	263	2	3.51	22.5	21.8
US HIST, WORLD HIST, AM GOVT	650	5	3.38	21.6	21.1
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	5638	47	3.55	22.9	22.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	4020	33	3.44	22.5	21.9
LESS THAN 3 YEARS OF SOC SCI	1020	8	3.32	21.2	20.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	523	4	- . -	22.5	21.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	3991	33	3.58	22.8	23.3
BIOLOGY, CHEMISTRY, PHYSICS	672	6	3.53	23.7	24.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	5021	41	3.26	20.9	21.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	308	3	3.18	21.1	21.7
LESS THAN 3 YEARS OF NAT SCI	1595	13	2.95	19.6	19.5
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	527	4	- . -	21.1	21.7

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)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)	EDUC 1ST MAJOR VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	567	20.6	36	48	5	5	2	1	3	3
ARCH & ENVIR DESIGN	488	21.5	32	50	3	3	2	3	3	3
BUSINESS & MGMT	1964	21.6	26	54	13	12	8	8	10	10
BUSINESS & OFFICE	177	20.5	26	50	1	1	1	1	1	1
MARKETING & DISTRIBUTION	144	20.6	27	49	0	1	1	1	1	1
COMMUNICATION & COMM TEC	615	22.1	31	47	2	3	4	4	3	3
COMMUNITY & PRSNL SVCS	644	19.9	38	48	3	3	3	4	3	4
COMPUTER & INFO SCI	535	22.8	31	52	5	5	1	1	3	3
CROSS-DISC STUDIES	24	24.0	25	46	0	0	0	0	0	0
EDUCATION	1126	21.2	41	46	2	3	8	9	6	6
TEACHER EDUCATION	627	21.3	39	48	3	3	4	4	3	4
ENGINEERING	1001	24.1	27	54	10	9	1	1	5	5
ENGINEERING-RELATED TECH	405	23.7	26	56	4	5	0	0	2	2
FOREIGN LANGUAGES	114	25.0	36	46	0	0	1	0	1	0
HEALTH SCI & ALLIED HLTH	3738	21.9	42	46	10	11	27	28	19	21
HUMAN, FAMILY/CONS SCI	242	20.3	36	49	0	0	2	2	1	1
LETTERS	163	24.8	28	52	0	0	1	1	1	1
MATHEMATICS	110	25.8	15	51	1	1	0	0	1	0
PHILOS, RELIG & THEOL	150	22.7	49	33	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	914	24.0	29	52	5	4	4	3	5	4
SOCIAL SCIENCES	1348	22.8	34	48	5	4	9	9	7	7
TRADE & INDUSTRIAL	322	19.7	36	44	4	5	0	0	2	2
VISUAL & PERFORM ARTS	1092	22.3	37	46	5	6	6	6	6	6
UNDECIDED	2896	22.0	6	11	17	15	14	11	15	13
NO RESPONSE	3139									

NUMBER OF STUDENTS - 22545

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	2086	19.9	9	AFRICAN-AMER/BLACK	357	17.9	2
COLL PREP	11191	23.2	50	AM INDIAN,ALASKAN NTV	69	19.9	0
OTHER/GENERAL/NO RESP	9268	21.1	41	CAUCASIAN-AMER/WHITE	20100	22.2	89
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	297	19.8	1
ED/OCCUP PLANS	9040	22.1	40	ASIAN-AMER,PACIFIC ISL	411	21.9	2
EXPR IDEAS IN WRITING	3516	20.7	16	PUERTO RICAN,HISPANIC	96	20.7	0
READING/COMPREHENSION	4935	20.0	22	OTHER	239	19.7	1
STUDY SKILLS	7796	20.7	35	MULTIRACIAL	196	22.1	1
MATH SKILLS	6813	20.2	30	PREFER NOT TO RESPOND	449	23.5	2
PERSONAL CONCERNS	1473	20.8	7	NO RESPONSE	331	22.1	1
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	18864	22.0	84	LESS THAN \$18,000	1063	20.3	5
NEED TO FIND WORK	15824	21.8	70	ABOUT \$18,000-\$24,000	1064	20.5	5
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	1186	21.1	5
INDEP STUDY	7495	22.9	33	ABOUT \$30,000-\$36,000	1348	21.3	6
HONORS COURSES	5106	24.9	23	ABOUT \$36,000-\$42,000	1717	21.5	8
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	2120	21.7	9
ENGLISH	4507	24.0	20	ABOUT \$50,000-\$60,000	2488	21.8	11
MATH	4454	24.3	20	ABOUT \$60,000-\$80,000	3539	22.3	16
SOCIAL STUDIES	3914	23.7	17	ABOUT \$80,000-\$100,000	2185	23.0	10
NATURAL SCIENCE	3678	23.8	16	MORE THAN \$100,000	2290	23.7	10
FOREIGN LANG	3292	23.5	15	NO RESPONSE	3545	22.3	16
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	314	18.9	1	TOP QTR	9890	24.3	44
\$1001 - \$2000	536	19.3	2	2ND QTR	7202	20.5	32
\$2001 - \$4000	1854	20.2	8	3RD QTR	2854	18.7	13
\$4001 - \$7500	3560	21.5	16	4TH QTR	332	18.2	1
\$7501 & OVER	1223	22.0	5	NO RESPONSE	2267	22.1	10
NO PREFERENCE	12428	22.6	55	EDUC DEG ASPIRATION			
NO RESPONSE	2630	22.4	12	VOC-TECH	225	18.7	1
MOST RECENTLY TESTED				2YR COL DEGREE	1388	18.7	6
SOPHOMORE	172	22.4	1	BACHELORS DEGREE	9764	21.5	43
JUNIOR	10065	22.4	45	GRAD STUDY	3644	23.5	16
SENIOR	11307	21.7	50	PROF LEVEL DEGREE	4932	23.5	22
OTHER/NO RESPONSE	1001	23.0	4	OTHER	678	19.6	3
COLLEGE CORE PREPARATION				NO RESPONSE	1914	22.1	8
CORE OR MORE	14799	22.9	66	NUMBER OF STUDENTS			
LESS THAN CORE	6565	20.2	29	HOME SCHOOLED	151	23.6	1
NO RESPONSE	1181	21.7	5	EARNED A GED	19	18.7	0
				ALL STUDENTS	22545	22.0	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	
1356 UNIVERSITY OF IOWA	IA	8906	3391	5515	0	3	19	37	28	12	1	
1320 IOWA STATE UNIV	IA	8132	3164	4968	0	3	19	37	28	12	1	
1322 UNIV OF NORTHERN IA	IA	6742	1672	5070	0	4	23	39	25	8	0	
1275 KIRKWOOD COMM COLL	IA	2265	654	1611	1	10	37	35	14	3	0	
1302 DRAKE UNIVERSITY	IA	1475	314	1161	0	3	14	33	33	15	1	
1284 CENTRAL COLLEGE-IA	IA	1419	369	1050	0	4	23	39	24	9	0	
1364 WARTBURG COLLEGE	IA	1390	227	1163	0	4	21	36	27	11	0	
1354 SIMPSON COLLEGE-IA	IA	1366	266	1100	0	4	22	38	26	9	1	
1272 DES MOINES AR CC-ANK	IA	1148	439	709	1	10	39	35	13	3	0	
1278 BUENA VISTA UNIV	IA	996	240	756	0	5	27	38	22	6	1	
1330 LUTHER COLLEGE	IA	852	198	654	0	2	13	32	32	18	2	
1294 COE COLLEGE	IA	819	191	628	0	4	23	42	23	8	0	
1309 HAWKEYE COMM COLL	IA	759	244	515	1	10	42	33	13	2	0	
1352 ST AMBROSE UNIV	IA	714	175	539	1	5	27	38	22	7	0	
1312 IOWA CENTRAL CC-FT D	IA	684	256	428	0	12	40	35	11	2	0	
1328 LORAS COLLEGE	IA	641	155	486	0	4	23	38	24	9	1	
1346 NORTHWESTERN COLL-IA	IA	630	185	445	0	3	21	36	26	12	2	
1316 GRAND VIEW COLLEGE	IA	590	135	455	2	12	38	29	15	4	0	
2444 CREIGHTON UNIVERSITY	NE	569	123	446	0	2	10	31	35	20	2	
2338 NORTHWEST MO STATE U	MO	549	165	384	0	5	29	37	22	6	0	
1338 MORNINGSIDE COLLEGE	IA	540	141	399	1	8	34	34	19	5	0	
1336 NORTH IOWA AREA C C	IA	525	238	287	1	9	35	36	16	4	0	
1267 AIB COLL OF BUSINESS	IA	491	158	333	1	9	35	37	15	3	0	
1340 MOUNT MERCY COLLEGE	IA	479	110	369	0	5	30	42	20	4	0	
1327 IOWA WESTERN-C BLUFF	IA	474	188	286	0	12	35	36	14	3	0	
1269 INDIAN HILLS-OTTUMWA	IA	459	147	312	1	9	38	35	13	4	0	
3928 UNIV OF SOUTH DAKOTA	SD	443	120	323	0	5	29	34	25	6	0	
1296 CORNELL COLLEGE	IA	431	90	341	0	4	17	35	30	13	1	
2482 UNIV OF NEBR-LINCOLN	NE	428	84	344	0	2	16	35	32	13	2	
3924 SOUTH DAKOTA STATE U	SD	409	118	291	0	3	24	36	29	6	1	
2156 U MINNESOTA-TWIN C	MN	394	53	341	0	2	13	30	31	21	2	
1276 BRIAR CLIFF UNIV	IA	391	106	285	0	8	35	33	18	5	0	
1360 UPPER IOWA UNIV	IA	342	65	277	1	9	38	35	13	4	0	
2464 UNIV OF NEBR-OMAHA	NE	324	66	258	0	5	25	42	21	7	1	
1307 SCOTT COMMUNITY COLL	IA	312	114	198	1	11	38	39	9	3	0	
ALL OTHER INSTITUTIONS		21435	4969	16466	0	5	22	30	24	15	2	
TOTALS		68523	19330	49193	0	5	23	35	24	11	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	(567)	(20.6)	BUSINESS & OFFICE	(177)	(20.5)
AGRICULTURAL BUSINESS	48	20.4	BOOKKEEPING/ACCT TECH	24	22.3
AGRICULTURAL ECONOMICS	1	20.0	BUSINESS DP/COMPUTER OPER	4	22.8
AGRICULTURAL MECHANICS	13	20.0	COURT REPORTING	13	19.7
AGRI PRODUCTION/TECH	16	20.1	OFFICE SUPERVISION & MGMT	8	20.3
AGRONOMY	15	21.7	SECRETARIAL	15	19.0
ANIMAL SCIENCES	92	21.6	TYPING & GENERAL OFFICE	2	17.5
FARM & RANCH MANAGEMENT	18	20.1	WORD PROCESSING	2	15.5
FISH, GAME, WILDLIFE MGMT	65	19.8	BUSINESS & OFFICE, GEN	109	20.5
FOOD SCIENCES/ENGINEERING	6	22.7			
FORESTRY & RELATED SCI	14	21.5	MARKETING & DISTRIBUTION	(144)	(20.6)
HORTICULTURE/ORNMENTAL HORT	31	22.2	FASHION MERCHANDISING	38	21.2
NATURAL RESOURCES MGMT	7	19.0	RETAILING & SALES	8	19.5
AGRICULTURE & AG TECH, GEN	241	20.3	TRAVEL SERVICES & TOURISM	5	19.2
			MARKETING & DISTRIB, GEN	93	20.5
ARCH & ENVIR DESIGN	(488)	(21.5)			
ARCHITECTURAL DRAFTING	66	20.6	COMMUNICATIONS & COMM TECH	(615)	(22.1)
ARCHITECTURE	70	23.7	ADVERTISING	42	21.5
BLDG CON/CONSTRUCTION SCI	21	19.7	GRAPHIC/COMMERCIAL ART	37	20.8
CITY, COMM & REG PLANNING	0	0.0	GRAPHIC & PRINT COMMUNIC	5	21.8
ENVIRONMENTAL DESIGN	1	18.0	JOURNALISM	135	23.7
INTERIOR DESIGN	95	21.2	PHOTO/FILM/VIDEO TECH	26	21.5
LANDSCAPE ARCHITECTURE	38	19.9	PUBLIC RELATIONS	31	22.3
ARCHI & ENVIR DESIGN, GEN	197	21.6	RADIO/TV BROADCASTING	73	21.6
			RADIO/TV PRODUCTN & TECH	8	22.0
BUSINESS & MGMT	(1964)	(21.6)	COMMUNIC & COMM TECH, GEN	258	21.8
ACCOUNTING	276	22.0			
BANKING & FINANCE	65	21.8	COMMNTY & PRSNL SVCS	(644)	(19.9)
BUSINESS ADMIN & MGMT	191	21.5	CORRECTIONS	2	19.0
BUSINESS ECONOMICS	25	23.9	COSMETOLOGY/HAIRSTYLING	42	18.9
CONTRACT MGMT & PURCHSING	1	14.0	CRIMINAL JUSTICE/CRIMINOL	205	20.1
HOTEL/RESTAURANT MGMT	19	19.7	FIRE PROTECTN/SAFETY TECH	12	17.6
HUMAN RESOURCE DEVEL/TRNG	4	19.8	FUNERAL SVCS/MORTUARY SCI	5	23.2
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	69	19.1
INSURANCE & RISK MGMT	4	17.0	LIBRARY SCI/LIB ASSISTING	4	21.8
INTERNATL BUSINESS/MGMT	42	23.5	MILITARY SCIENCE/TECH	7	25.3
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	6	19.7
MANAGEMENT INFO SYSTEMS	3	21.3	PUBLIC ADMINISTRATION	1	23.0
MANAGEMENT SCIENCE	2	21.5	PUBLIC AFFAIRS	3	23.0
MARKETING MGMT & RESEARCH	42	22.9	SOCIAL WORK	61	20.3
ORGANIZATIONAL BEHAVIOR	3	16.7	COMMNTY & PRSNL SVCS, GEN	227	19.9
PERSONNEL MANAGEMENT	4	22.3			
REAL ESTATE	22	19.5			
SML BUSINESS MGMT/OWNRSHIP	64	20.9			
TRADE & INDUSTRIAL MGMT	2	26.0			
TRANSPORTATION MANAGEMENT	1	23.0			
BUSINESS & MGMT, GEN	1194	21.4			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(535)	(22.8)	ENGINEERING	(1001)	(24.1)
COMPUTER PROGRAMMING	189	22.3	AEROSPACE ENGINEERING	70	26.5
COMPUTER SCIENCE	80	23.6	AGRICULTURAL ENGINEERING	26	23.3
DATA PROCESSING	3	20.3	ARCHITECTURAL ENGINEERING	13	22.5
INFO SCIENCES & SYSTEMS	17	23.9	BIOENGINEER & BIOMED ENG	29	27.0
MATH/COMPUTER SCIENCE	16	22.7	CERAMIC ENGINEERING	2	26.5
COMPUTER & INFO SCI, GEN	230	22.8	CHEMICAL ENGINEERING	40	27.6
CROSS-DISC STUDIES	(24)	(24.0)	CIVIL ENGINEERING	49	25.1
AREA & ETHNIC STUDIES	2	24.5	COMPUTER ENGINEERING	60	23.8
LIBERAL ARTS/GEN STUDIES	13	23.2	CONSTRUCTION ENG/MGMT	30	19.7
MULTI-/INTERDISC STUDIES	2	30.0	ELECTRCL & ELECTRONIC ENG	53	22.0
CROSS-DISC STUDIES, GEN	7	23.4	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(1126)	(21.2)	ENGINEERING PHYSICS	4	23.8
ADULT & CONTINUING EDUC	1	19.0	ENGINEERING SCIENCE	3	24.0
EDUCATION ADMINISTRATION	10	20.6	ENVIRONMENTAL HEALTH ENG	0	0.0
ELEMENTARY EDUCATION	426	20.7	GEOLOGICAL & GEOPHYS ENG	1	20.0
JR HIGH/MIDDLE SCH EDUC	39	20.4	INDUSTRIAL ENGINEERING	7	19.6
PRE-ELEMENTARY EDUCATION	43	20.4	MATERIALS ENGINEERING	3	25.7
SECONDARY EDUCATION	116	23.3	MECHANICAL ENGINEERING	108	23.7
STUDENT COUNSELING	15	21.6	METALLURGICAL ENGINEERING	1	30.0
TEACHER AIDE	2	19.5	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	474	21.3	NAVAL ARCHIT & MARINE ENG	0	0.0
TEACHER EDUCATION	(627)	(21.3)	NUCLEAR ENGINEERING	7	27.0
AGRICULTURAL EDUCATION	5	20.6	OCEAN ENGINEERING	0	0.0
ART EDUCATION	18	21.0	PETROLEUM ENGINEERING	0	0.0
BUSINESS EDUCATION	3	17.0	SYSTEMS ENGINEERING	0	0.0
ENGLISH EDUCATION	44	23.0	ENGINEERING, GENERAL	495	23.9
FOREIGN LANGUAGES EDUC	7	25.0	ENGINEERING-RELATED TECH	(405)	(23.7)
HEALTH EDUCATION	1	20.0	AERONAUTICAL TECHNOLOGY	18	24.7
HUMAN, FAM/CONS SCI EDUC	2	23.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	2	22.0	ARCHITECTURAL DESIGN TECH	27	22.9
MATHEMATICS EDUCATION	20	24.7	BIOMEDICAL EQUIPMENT TECH	1	25.0
MUSIC EDUCATION	91	23.6	CIVIL ENGINEERING TECH	9	25.3
PHYSICAL EDUCATION	53	18.6	COMPUTER ENGINEERING TECH	43	24.4
SCIENCE EDUCATION	11	21.7	CONSTRUCTION/BLDG TECH	8	18.9
SOC STUDIES/SOC SCI EDUC	49	22.5	DRAFTING & DESIGN TECH	22	21.8
SPECIAL EDUCATION	20	19.8	ELECTRICAL ENG TECHNOLOGY	15	22.8
SPEECH CORRECTION EDUC	1	18.0	ELECTRONIC ENG TECHNOLOGY	7	22.9
TEACHING ENGL AS 2ND LANG	2	24.0	ELECTROMECHAN INSTR TECH	4	21.5
TECH/TRADE & IND ED	1	22.0	ENVIRONMENTAL CONTRL TECH	0	0.0
TEACHER EDUCATION, OTHER	12	19.2	INDUSTRRL PRODUCTION TECH	1	29.0
TEACHER EDUCATION, GEN	285	20.5			

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	(242)	(20.3)
MANUFACTURING TECHNOLOGY	1	14.0	CHILD DEV, CARE, GUIDANCE	23	18.7
MECHANICAL ENG TECH	37	22.6	CHILD CARE AIDE/ASSISTING	3	15.7
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	37	19.9
OCCUPATL SFTY & HLTH TECH	1	24.0	FAMILY/CONS RESOURCE MGMT	3	16.3
SURVEYING & MAPPING TECH	1	23.0	FASHION DESIGN	36	21.6
ENGINEERING TECH, OTHER	14	23.9	FOOD PRODUCTN, MGMT, SVCS	7	19.1
ENGINEER-RELATD TECH, GEN	195	24.2	FOOD SCI & NUTR/DIETETICS	20	22.1
			HUMAN ENVIRON & HOUSING	4	22.5
FOREIGN LANGUAGES	(114)	(25.0)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	14	26.1	TEXTILES AND CLOTHING	3	22.7
CLASSICAL LANGUAGES	1	23.0	HUMAN, FAM/CONS SCI, GEN	106	20.3
FRENCH	15	24.5			
GERMAN	2	23.0	LETTERS	(163)	(24.8)
ITALIAN	2	17.5	CLASSICS	2	18.5
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	2	29.0	CREATIVE WRITING	58	23.9
SPANISH	35	25.0	ENGLISH, GENERAL	56	25.6
FOREIGN LANGUAGES, OTHER	7	24.4	LINGUISTICS	4	31.5
FOREIGN LANGUAGES, GEN	36	25.3	LITERATURE, ENGLISH/AMER	10	26.3
			SPEECH & RHETORICAL STUDY	4	22.8
HEALTH SCI & ALLIED HLTH	(3738)	(21.9)	LETTERS, GENERAL	29	24.2
CHIROPRACTIC	56	21.0			
DENTAL ASSISTING	11	18.8	MATHEMATICS	(110)	(25.8)
DENTAL HYGIENE	74	20.0	ACTUARIAL SCIENCES	24	26.1
DENTAL LAB/TECHNOLOGY	2	21.5	APPLIED MATHEMATICS	7	25.3
DENTISTRY	87	22.2	STATISTICS	4	25.8
EMERG MED TECH/PARAMEDIC	24	20.2	MATHEMATICS, GENERAL	75	25.8
HEALTH CARE ADMIN	7	21.0			
MEDICAL/SURG ASSISTING	49	20.0	PHILOS, RELIG & THEOLOGY	(150)	(22.7)
MEDICAL LAB/TECHNOLOGY	24	21.0	BIBLE STUDIES	18	21.0
MED RECORDS ADMIN/TECH	7	21.9	PHILOSOPHY	14	24.1
MEDICINE	445	24.8	RELIGION	20	20.2
MNTL HLTH & HUM SVCS/TECH	11	20.3	RELIGIOUS EDUCATION	17	22.3
NUCLEAR MEDICINE TECH	7	21.3	RELIGIOUS MUSIC	5	21.4
NURSING (PRACTICAL)	77	19.1	THEOLOGY	18	25.6
NURSING (REGISTERED)	479	20.2	PHILOS, RELIG & THEOL, GEN	58	23.1
OCCUPATNL THERAPY/ASSIST	32	21.2			
OPTOMETRY	29	23.3			
PHARMACY	214	23.6			
PHYSICIAN ASSISTING	22	22.6			
PHYSICAL THERAPY/ASSIST	308	21.2			
RADIOLOGY/RADIOLOGIC TECH	104	19.8			
REC/ART/MUSIC THERAPY	4	22.0			
RESPIRATORY THERAPY/TECH	1	19.0			
SPEECH PATHOL/AUDIOLOGY	8	22.8			
VETERINARIAN ASSISTING	18	19.5			
VETERINARY MEDICINE	153	23.1			
HEALTH SCI & ALLIED, GEN	1485	21.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	914)	(24.0)	VISUAL/PERFORM ARTS	(1092)	(22.3)
ASTRONOMY	18	24.9	APPLIED DESIGN/CRAFTS	5	21.4
ATMOSPHER SCI & METEOROL	35	22.2	ART	77	20.9
BIOCHEMISTRY & BIOPHYSICS	40	25.2	ART HIST & APPRECIATION	7	27.1
BIOLOGY	237	24.3	CINEMATOGRAPHY/FILM/VIDEO	76	22.3
BOTANY	7	20.6	DANCE	21	20.4
CHEMISTRY	78	24.7	DESIGN, GENERAL	50	21.7
EARTH SCIENCE	8	24.8	DRAMA/THEATRE ARTS	100	23.4
ECOLOGY/ENV STUDIES	30	24.3	FINE ARTS, GENERAL	18	24.0
GEOLOGY	3	22.0	GRAPHIC ARTS TECHNOLOGY	26	21.3
MICROBIOLOGY	13	24.3	GRAPHIC DESIGN	77	21.9
OCEANOGRAPHY	16	21.9	MUSIC (LIBERAL ARTS)	70	24.4
PHYSICS	29	27.2	MUSIC PERFORMANCE	107	23.0
ZOOLOGY	66	22.4	MUSIC THEORY & COMPOSIT	26	23.6
SCIENCES (BIO & PHYS), GEN	334	23.6	PHOTOGRAPHY	55	19.9
			VISUAL/PERFORM ARTS, GEN	377	22.1
SOCIAL SCIENCES (	1348)	(22.8)	UNDECIDED	(2896)	(22.0)
ANTHROPOLOGY	25	23.4			
ECONOMICS	7	21.6			
GEOGRAPHY	2	19.5			
HISTORY	102	24.1			
INTERNATIONAL RELATIONS	31	25.3			
LAW	242	22.9			
PARALEGAL/LEGAL ASSISTING	13	20.5			
POLITICAL SCI/GOVERNMENT	93	24.5			
PSYCHOLOGY	451	22.1			
SOCIOLOGY	47	22.2			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	335	22.8			
TRADE & INDUSTRIAL (	322)	(19.7)			
AIRCRAFT TECHNICIAN	5	17.2			
AIRPLANE PILOTING & NAVIG	40	21.8			
AUTOMOTIVE BODY REPAIR	24	19.8			
AUTOMOTIVE TECHNOLOGY	49	18.9			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCs/REPAIR	3	25.7			
CONSTRCT TRADES & CARPENT	28	19.4			
DIESEL MECHANICS & TECH	14	18.4			
DRAFTING	7	19.4			
ELECTRICAL EQUIP REPAIR	9	17.6			
HEATING, AC, REFRIG MECH	1	22.0			
MACHINE TECHNOLOGY	4	20.0			
MECHANICAL DRAFTING	1	18.0			
WELDING & WELDING TECH	6	18.3			
TRADE & INDUSTRIAL, GEN	131	19.7			

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)	86	18.7	32	20.5	53	17.7	16	20.1	69	18.4
BUSINESS OPER (04-05)	246	18.7	99	19.5	144	18.3	107	18.6	138	18.8
TECHNICAL (06-07)	455	18.6	180	19.6	268	17.9	348	18.6	107	18.5
SCIENCE & TECH (08-09)	234	18.8	86	19.8	144	18.1	115	18.5	117	19.0
ARTS (10-11)	114	19.1	47	19.5	65	18.9	18	21.3	96	18.7
SOCIAL SERVICE (12-01)	85	18.9	25	19.4	56	18.7	18	18.9	65	18.9
OTHER*	393	18.5	148	19.8	230	17.7	171	18.4	219	18.6
TOTAL	1613	18.7	617	19.7	960	18.0	793	18.6	811	18.7
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1766	21.9	1316	22.4	424	20.3	582	22.6	1179	21.6
BUSINESS OPER (04-05)	1831	21.8	1284	22.5	529	20.1	980	21.8	849	21.7
TECHNICAL (06-07)	2552	22.1	1820	22.8	703	20.1	1820	22.2	727	21.7
SCIENCE & TECH (08-09)	3178	23.4	2309	24.1	838	21.6	1636	23.8	1527	22.9
ARTS (10-11)	2139	23.2	1532	23.8	576	21.4	640	23.7	1492	22.9
SOCIAL SERVICE (12-01)	1884	21.9	1329	22.5	531	20.3	480	22.2	1396	21.8
OTHER*	4990	22.3	3524	22.9	1269	20.8	2169	22.6	2797	22.1
TOTAL	18340	22.4	13114	23.1	4870	20.7	8307	22.7	9967	22.2

* 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	8741	3.25	3.12	3.37	3.24	3.24	0.60
FEMALE	10768	3.53	3.22	3.48	3.35	3.40	0.54
NO RESPONSE	80	3.11	2.92	3.20	3.11	3.08	0.67
AFRICAN-AMERICAN/BLACK	299	3.02	2.67	3.04	2.84	2.90	0.62
CAUCASIAN-AMERICAN/WHITE	17588	3.41	3.19	3.45	3.32	3.34	0.57
OTHER MINORITY	941	3.33	3.12	3.34	3.20	3.25	0.60
MISSING/PREFER NO RESP	761	3.32	3.08	3.34	3.25	3.25	0.60
TOTAL	19589	3.40	3.17	3.43	3.30	3.33	0.57

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 48, THIS MEANS THAT 48% 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 39 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	6	99
35	30	99
34	75	99
33	164	99
32	215	99
31	327	98
30	508	96
29	572	94
28	819	92
27	981	88
26	1193	84
25	1465	78
24	1659	72
23	1827	64
22	1952	56
21	2000	48 <-- 48% OF THE STUDENTS SCORE AT OR BELOW 21
20	1965	39 <-- 39% OF THE STUDENTS SCORE BELOW 21
19	1781	30
18	1517	22
17	1278	15
16	908	10
15	620	6
14	392	3
13	190	1
12	71	1
11	22	1
10	5	1
9	3	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

