

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

**STATE COMPOSITE FOR
ARKANSAS**

CODE 040-000

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

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

EXECUTIVE SUMMARY

	FIVE YEAR ACT SCORE TREND HISTORY	1
TABLE 1	AVERAGE ACT SCORES BY ACADEMIC PREPARATION FOR RACIAL/ETHNIC GROUPS	3
TABLE 2	AVERAGE ACT COMPOSITE SCORES BY ABILITY LEVEL FOR RACIAL/ETHNIC GROUPS	4
TABLE 3	STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE	5
TABLE 4	ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS	6
TABLE 5	ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS	7
TABLE 6	AVERAGE ACT SCORES AND STANDARD DEVIATIONS FOR MALES AND FEMALES	8
TABLE 7	EXPRESSED ADEQUACY OF HS EDUCATION ACCORDING TO HS CURRICULUM OR PROGRAM	8
TABLE 8	AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES	8
TABLE 9	HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS (TOTAL, MALE, AND FEMALE)	9
TABLE 10	DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE	12
TABLE 11	SUMMARY OF RESPONSES TO VARIOUS DEMOGRAPHIC ITEMS	13
TABLE 12	STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING	14
TABLE 13	AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS	15
TABLE 14	AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS	19
TABLE 15	HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY	19
APPENDIX	.....	20

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	15378	4192	71/ 19	21.3/17.2	19.7/16.7	21.3/17.8	20.7/17.9	20.9/17.5
2001-02	14923	3926	71/ 19	21.4/17.3	19.9/16.8	21.3/17.9	20.7/17.8	20.9/17.6
2002-03	15112	4063	71/ 19	21.6/17.3	20.0/16.8	21.3/18.1	20.7/17.9	21.0/17.6
2003-04	14739	4175	72/ 20	21.6/17.3	20.3/17.0	21.5/18.2	20.8/17.9	21.2/17.7
2004-05	14635	4393	70/ 21	21.5/17.3	20.3/17.1	21.4/18.1	20.8/17.9	21.1/17.7

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	21744	20.4	19.0	20.4	20.0	20.1
2001-02	21007	20.5	19.2	20.5	20.0	20.2
2002-03	21166	20.7	19.3	20.6	20.1	20.3
2003-04	20489	20.6	19.5	20.8	20.1	20.4
2004-05	21000	20.5	19.6	20.6	20.1	20.3

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.6	22.9	24.5	22.8	23.4
Q2 (50TH PERCENTILE - MEDIAN)	20.4	18.5	20.1	20.0	19.9
Q1 (25TH PERCENTILE)	16.1	16.0	15.9	17.3	16.8

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= 2199) (N= 132) (N= 11056) (N= 220) (N= 267) (N= 124)						
ENGLISH	17.2	21.2	22.4	19.0	22.6	19.3
USAGE/MECH	8.3	10.7	11.4	9.2	11.4	9.5
RHET SKILLS	8.8	10.9	11.5	9.9	11.7	9.8
MATHEMATICS	16.9	20.3	21.0	19.1	22.3	19.0
PRE/ELEM-ALG	8.3	10.5	11.1	9.8	11.8	9.7
ALG/CRD-GEOM	8.5	10.2	10.5	9.7	11.2	9.5
PLANE GEOM/TRIG	8.1	10.3	10.6	9.5	11.2	9.6
READING	17.1	21.7	22.4	19.3	21.6	19.4
SOC STU/SCI	8.7	11.2	11.3	9.7	11.3	9.9
ARTS/LITERATURE	8.4	11.0	11.5	9.8	10.8	9.8
SCIENCE	17.6	20.5	21.4	19.7	22.0	19.4
COMPOSITE	17.4	21.0	21.9	19.4	22.3	19.4
LESS THAN CORE (N= 1021) (N= 48) (N= 2931) (N= 89) (N= 60) (N= 50)						
ENGLISH	14.3	17.9	18.5	15.1	16.7	14.5
USAGE/MECH	6.6	8.6	9.0	7.0	8.1	6.8
RHET SKILLS	7.3	9.3	9.5	7.8	8.5	7.4
MATHEMATICS	15.0	17.6	17.8	16.7	18.5	17.0
PRE/ELEM-ALG	6.9	9.1	8.9	8.1	8.9	8.2
ALG/CRD-GEOM	7.4	8.6	8.8	8.6	9.2	8.3
PLANE GEOM/TRIG	6.9	8.6	8.9	8.2	9.6	8.5
READING	15.1	17.8	19.2	16.4	16.8	16.2
SOC STU/SCI	7.6	9.3	9.7	8.3	8.8	8.3
ARTS/LITERATURE	7.0	8.7	9.6	8.0	7.8	7.6
SCIENCE	15.7	18.5	18.6	17.0	18.7	17.1
COMPOSITE	15.1	18.1	18.6	16.4	17.8	16.3
NO RESPONSE (N= 224) (N= 20) (N= 1234) (N= 26) (N= 32) (N= 20)						

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= 3444)	(N= 200)	(N= 15221)	(N= 335)	(N= 359)	(N= 194)
ENGLISH	16.3	20.1	21.6	18.0	21.4	18.1
USAGE/MECH	7.8	10.0	10.8	8.6	10.7	8.8
RHET SKILLS	8.4	10.4	11.1	9.3	11.1	9.2
MATHEMATICS	16.3	19.4	20.3	18.4	21.6	18.4
PRE/ELEM-ALG	7.9	10.0	10.6	9.3	11.2	9.3
ALG/CRD-GEOM	8.1	9.7	10.1	9.3	10.8	9.2
PLANE GEOM/TRIG	7.8	9.8	10.2	9.1	10.9	9.3
READING	16.5	20.4	21.6	18.5	20.7	18.4
SOC STU/SCI	8.3	10.6	11.0	9.3	10.8	9.3
ARTS/LITERATURE	8.0	10.2	11.1	9.3	10.2	9.2
SCIENCE	17.0	19.9	20.8	18.9	21.3	18.7
COMPOSITE	16.7	20.1	21.2	18.6	21.4	18.5

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

	AFRI-AM/ BLACK NUMBER AVG	AM IND, ALSK NTV NUMBER AVG	CAUC-AM/ WHITE NUMBER AVG	MEX-AM/ CHICANO NUMBER AVG	ASIAN-AM, PAC ISLDR NUMBER AVG	P RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	497 19.8	61 23.0	5560 24.1	69 22.1	161 24.6	47 21.6
3.00 - 3.49	832 17.4	49 20.2	3758 20.4	90 19.1	78 19.4	46 18.8
2.50 - 2.99	799 15.9	39 17.9	2116 18.6	64 16.8	37 17.2	33 16.6
2.00 - 2.49	584 15.1	13 17.5	974 17.4	39 16.4	25 16.6	22 15.6
1.99 & BELOW	170 14.6	3 17.0	223 16.2	11 15.5	3 13.3	4 14.3
CGPA PRED BY STUDENT						
3.5 - 4.0	439 19.6	44 24.0	3946 24.6	62 21.8	133 25.2	34 23.1
3.0 - 3.4	1232 17.3	90 20.0	5914 21.1	126 19.3	120 20.0	82 18.7
2.5 - 2.9	834 15.8	35 17.6	2548 18.8	70 16.8	47 17.8	38 16.5
2.0 - 2.4	558 15.0	19 17.1	1297 17.3	43 15.7	22 16.3	21 14.8
1.9 & BELOW	118 14.0	2 21.0	238 16.3	8 13.6	8 16.9	2 13.5
HIGH SCHOOL RANK						
TOP QUARTER	799 19.0	82 22.5	6494 23.6	92 21.1	172 23.9	58 21.8
2ND QUARTER	1252 16.6	67 19.1	4729 19.7	129 18.0	87 19.6	72 17.8
BOTTOM HALF	1069 15.1	35 17.7	2221 17.6	78 16.6	56 16.0	40 16.0

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	4392	21	2717	13	800	4	86	0
	FEMALE	5430	26	3431	16	1244	6	116	1
	TOTAL	9850	47	6161	29	2048	10	203	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	3723	18	2278	11	1867	9	127	1
	FEMALE	4550	22	2436	12	3049	15	179	1
	TOTAL	8301	40	4721	22	4927	23	306	1
GRADING PRACTICES & POLICIES	MALE	4039	19	2833	13	964	5	159	1
	FEMALE	5393	26	3365	16	1258	6	192	1
	TOTAL	9460	45	6208	30	2230	11	351	2
NO. & KINDS OF TESTS GIVEN	MALE	3740	18	3219	15	896	4	130	1
	FEMALE	4708	22	3960	19	1393	7	147	1
	TOTAL	8470	40	7195	34	2296	11	278	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	3719	18	2380	11	1405	7	478	2
	FEMALE	4846	23	2656	13	2125	10	577	3
	TOTAL	8589	41	5049	24	3534	17	1060	5
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	2963	14	2549	12	2270	11	201	1
	FEMALE	3712	18	3072	15	3204	15	208	1
	TOTAL	6698	32	5631	27	5487	26	409	2
LIBRARY OR LEARNING CENTER	MALE	3948	19	2636	13	1134	5	267	1
	FEMALE	5251	25	3065	15	1541	7	336	2
	TOTAL	9227	44	5711	27	2682	13	604	3
LABORATORY FACILITIES	MALE	3411	16	2633	13	1431	7	503	2
	FEMALE	4168	20	3270	16	1997	10	770	4
	TOTAL	7605	36	5915	28	3432	16	1277	6
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	2987	14	2458	12	936	4	1603	8
	FEMALE	3845	18	2771	13	1524	7	2049	10
	TOTAL	6856	33	5244	25	2464	12	3655	17
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	4159	20	2343	11	868	4	610	3
	FEMALE	5476	26	2612	12	1426	7	684	3
	TOTAL	9661	46	4968	24	2296	11	1299	6
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	3127	15	2875	14	1405	7	560	3
	FEMALE	3888	19	3317	16	2259	11	713	3
	TOTAL	7037	34	6206	30	3670	17	1277	6

NUMBER OF STUDENTS - 21000

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 21000)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	19	99	6	99	86	99	35	99	3	99
35	133	99	46	99	162	99	44	99	14	99
34	279	99	65	99	247	99	69	99	35	99
33	165	98	62	99	255	98	61	99	84	99
32	272	97	73	99	219	96	77	99	140	99
31	399	96	133	99	349	95	138	99	169	99
30	326	94	115	98	437	94	42	98	300	98
29	675	92	306	98	546	92	242	98	358	96
28	635	89	381	96	568	89	297	97	541	95
27	577	86	592	94	762	86	443	95	666	92
26	872	83	806	92	879	83	808	93	806	89
25	1016	79	775	88	746	79	793	89	940	85
24	1021	74	1257	84	1286	75	1256	85	1127	81
23	960	70	1034	78	1200	69	1404	80	1335	75
22	1455	65	931	73	1032	63	1614	73	1417	69
21	1497	58	1015	69	1027	58	2018	65	1565	62
20	1427	51	1384	64	1781	53	2208	56	1787	55
19	1430	44	1570	57	1176	45	1864	45	1756	46
18	1204	37	1806	50	958	39	2038	36	1618	38
17	990	32	2172	41	1096	35	1458	26	1591	30
16	1080	27	2588	31	1519	29	1075	19	1365	23
15	1302	22	1783	18	901	22	899	14	1244	16
14	865	16	1215	10	1507	18	672	10	1002	10
13	623	11	661	4	894	11	599	7	678	5
12	465	8	155	1	793	7	376	4	341	2
11	387	6	56	1	402	3	230	2	96	1
10	390	4	10	1	91	1	154	1	19	1
9	225	3	3	1	57	1	71	1	3	1
8	216	1	0	1	14	1	10	1	0	1
7	75	1	0	1	3	1	0	1	0	1
6	17	1	0	1	6	1	4	1	0	1
5	2	1	0	1	1	1	0	1	0	1
4	1	1	0	1	0	1	1	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	596	3	179	1	750	4	209	1	136	1
28-32	2307	11	1008	5	2119	10	796	4	1508	7
24-27	3486	17	3430	16	3673	17	3300	16	3539	17
20-23	5339	25	4364	21	5040	24	7244	34	6104	29
16-19	4704	22	8136	39	4749	23	6435	31	6330	30
13-15	2790	13	3659	17	3302	16	2170	10	2924	14
01-12	1778	8	224	1	1367	7	846	4	459	2

AVG(SD) 20.5(6.0) 19.6(4.6) 20.6(5.9) 20.1(4.4) 20.3(4.7)

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 = 21000)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	498	99	123	99	196	99	610	99	18
17	774	98	365	99	864	99	920	97	17
16	921	94	1064	98	878	95	1084	93	16
15	1081	90	1040	93	1118	91	1382	88	15
14	1176	84	1635	88	1136	85	685	81	14
13	1318	79	1523	80	1318	80	1568	78	13
12	1548	73	2436	73	2014	74	2446	70	12
11	2157	65	2136	61	2001	64	1603	59	11
10	2290	55	2657	51	2629	55	1798	51	10
9	1969	44	2556	38	2625	42	1656	42	9
8	2066	35	1997	26	2374	30	1929	35	8
7	1724	25	1360	17	1520	18	1655	25	7
6	1363	17	875	10	1088	11	1416	17	6
5	964	10	699	6	677	6	1484	11	5
4	730	5	379	3	288	3	516	4	4
3	300	2	122	1	184	1	190	1	3
2	116	1	33	1	76	1	56	1	2
1	5	1	0	1	14	1	2	1	1
AVERAGE		10.2		10.6		10.5		10.5	
S.D.		3.7		3.2		3.4		3.8	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	236	99	58	99	56	99	18
17	401	99	117	99	109	99	17
16	821	97	230	99	390	99	16
15	867	93	365	98	535	97	15
14	1103	89	1164	96	1031	95	14
13	1783	84	1001	91	1538	90	13
12	1615	75	2658	86	2258	83	12
11	2019	67	2438	73	1984	72	11
10	2231	58	2927	62	4164	62	10
9	1640	47	3930	48	2257	43	9
8	3228	39	2278	29	2363	32	8
7	2815	24	1557	18	1835	21	7
6	1431	11	947	11	1119	12	6
5	490	4	719	6	293	6	5
4	204	2	305	3	637	5	4
3	75	1	242	1	117	2	3
2	36	1	15	1	240	1	2
1	5	1	49	1	74	1	1
AVERAGE		10.1		9.8		9.8	
S.D.		3.2		2.7		2.9	

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

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	9468	20.0	6.0	20.1	4.8	20.3	6.0	20.6	4.7	20.4	4.9
FEMALES	11447	21.0	5.9	19.1	4.3	20.9	5.8	19.7	4.1	20.3	4.5
NO RESPONSE	85	18.9	5.0	18.7	3.8	19.7	5.3	19.0	3.6	19.2	3.6

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	3	3	1	0	4	3	2	0	1	0	1	0
28-32	10	12	7	3	10	11	5	3	8	7	8	7
24-27	15	18	19	15	16	19	18	14	17	17	17	17
20-23	25	26	21	21	23	25	34	35	28	30	28	30
16-19	23	22	36	41	23	22	27	33	29	31	29	31
13-15	15	12	16	19	17	15	9	11	15	13	15	13
01-12	10	7	1	1	8	5	4	4	2	2	2	2

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	3154	17	22.6	92	9	164	11	2204	22	694	12
GOOD	7529	41	20.7	366	38	570	38	4280	43	2313	39
AVERAGE	4775	26	18.9	299	31	502	34	2050	20	1924	32
BELOW AVERAGE	1096	6	18.8	83	9	91	6	470	5	452	8
VERY INADEQUATE	1419	8	19.0	117	12	149	10	751	7	402	7
NO RESPONSE	490	3	21.5	19	2	21	1	289	3	161	3
NO. OF STUDENTS	18463			976		1497		10044		5946	

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	21000	20.5	6.0	19.6	4.6	20.6	5.9	20.1	4.4	20.3	4.7
COLLEGE CORE											
E4, M3, SS3, NS3	14635	21.5	5.7	20.3	4.6	21.4	5.8	20.8	4.3	21.1	4.5
In between	3096	17.1	5.3	16.9	3.4	17.9	5.2	17.7	3.9	17.5	3.9
E4, M2, SS2, NS2	1297	17.7	6.1	17.7	4.3	18.5	5.7	18.4	4.5	18.2	4.6
No Response	1972	20.7	6.0	19.5	4.4	20.2	5.9	19.9	4.3	20.2	4.6
HS GPA RANGES											
3.50 - 4.00	6682	24.6	5.2	22.7	4.5	24.1	5.6	22.7	4.2	23.7	4.2
3.00 - 3.49	5045	20.0	4.9	18.9	3.7	20.2	5.1	19.7	3.7	19.8	3.7
2.50 - 2.99	3242	17.4	4.6	17.2	3.1	18.0	4.7	18.2	3.6	17.8	3.4
2.00 - 2.49	1734	15.9	4.6	16.2	2.7	16.6	4.5	17.0	3.6	16.6	3.2
1.99 & below	436	14.5	4.3	15.5	2.4	15.4	3.8	16.2	3.2	15.5	2.8

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	15216	72	3.31	21.0	20.7
ENG 9, ENG 10, ENG 11, ENG 12	2974	14	3.02	18.9	19.0
LESS THAN 4 YEARS OF ENGLISH	803	4	3.10	19.1	19.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	2007	10	- . -	20.6	20.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1371	7	3.49	23.1	23.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1886	9	3.26	21.3	22.2
ALG 1, ALG 2, GEOM, TRIG	2295	11	3.16	20.0	20.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	3770	18	2.97	18.8	19.8
ALG 1, ALG 2, GEOM	3622	17	2.54	16.7	17.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	4046	19	3.39	22.2	22.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	534	3	2.92	18.2	19.1
LESS THAN 3 YEARS OF MATH	1413	7	2.44	16.0	16.5
NO MATH COURSE/GRADE INFORMATION REPORTED	2063	10	- . -	19.4	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	1403	7	3.38	21.5	21.2
US HIST, WORLD HIST, AM GOVT	3339	16	3.19	19.8	19.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	7593	36	3.49	21.5	21.0
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	5367	26	3.32	20.3	20.0
LESS THAN 3 YEARS OF SOC SCI	1223	6	3.02	18.5	18.3
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	2075	10	- . -	20.2	20.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	6051	29	3.40	21.5	22.0
BIOLOGY, CHEMISTRY, PHYSICS	554	3	3.03	20.4	20.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	8551	41	3.14	20.0	20.3
OTHER COMBINATIONS OF 3 YEARS NAT SCI	941	4	3.08	19.4	19.5
LESS THAN 3 YEARS OF NAT SCI	2813	13	2.74	17.4	17.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	2090	10	- . -	19.9	20.1

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	6575	69	3.17	20.4	20.8
ENG 9, ENG 10, ENG 11, ENG 12	1444	15	2.93	18.6	19.2
LESS THAN 4 YEARS OF ENGLISH	427	5	2.99	19.0	19.6
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	1022	11	- . -	19.8	19.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	629	7	3.47	24.1	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	723	8	3.15	21.7	22.0
ALG 1, ALG 2, GEOM, TRIG	973	10	3.11	20.7	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1473	16	2.88	19.2	19.7
ALG 1, ALG 2, GEOM	1614	17	2.47	17.0	17.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2007	21	3.36	23.0	22.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	284	3	2.88	18.5	19.1
LESS THAN 3 YEARS OF MATH	710	7	2.44	16.3	16.6
NO MATH COURSE/GRADE INFORMATION REPORTED	1055	11	- . -	19.5	19.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	722	8	3.32	21.0	21.1
US HIST, WORLD HIST, AM GOVT	1616	17	3.14	19.5	19.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	3206	34	3.44	21.2	21.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	2227	24	3.27	20.1	20.1
LESS THAN 3 YEARS OF SOC SCI	630	7	3.04	18.9	18.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1067	11	- . -	19.7	20.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2962	31	3.37	22.3	22.2
BIOLOGY, CHEMISTRY, PHYSICS	234	2	3.02	21.3	21.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	3403	36	3.05	20.4	20.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	486	5	3.02	19.9	19.7
LESS THAN 3 YEARS OF NAT SCI	1311	14	2.66	17.7	17.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1072	11	- . -	20.1	19.9

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	8599	75	3.41	21.4	20.6
ENG 9, ENG 10, ENG 11, ENG 12	1515	13	3.10	19.2	18.8
LESS THAN 4 YEARS OF ENGLISH	373	3	3.23	19.1	18.9
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	960	8	- . -	21.4	20.4
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	739	6	3.50	22.3	23.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1158	10	3.33	21.1	22.3
ALG 1, ALG 2, GEOM, TRIG	1314	11	3.20	19.4	20.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	2280	20	3.03	18.5	19.9
ALG 1, ALG 2, GEOM	1993	17	2.60	16.4	17.6
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2032	18	3.41	21.4	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	249	2	2.97	17.8	19.1
LESS THAN 3 YEARS OF MATH	699	6	2.43	15.6	16.5
NO MATH COURSE/GRADE INFORMATION REPORTED	983	9	- . -	19.3	20.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	678	6	3.45	22.0	21.3
US HIST, WORLD HIST, AM GOVT	1713	15	3.23	20.2	19.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4361	38	3.53	21.7	20.9
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3124	27	3.36	20.5	20.0
LESS THAN 3 YEARS OF SOC SCI	588	5	3.00	18.1	17.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	983	9	- . -	20.6	20.4
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	3071	27	3.44	20.8	21.7
BIOLOGY, CHEMISTRY, PHYSICS	317	3	3.04	19.8	20.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	5120	45	3.20	19.8	20.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	452	4	3.14	18.9	19.3
LESS THAN 3 YEARS OF NAT SCI	1495	13	2.80	17.2	17.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	992	9	- . -	19.6	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	516	18.2	41	44	5	5	1	1	3	3
ARCH & ENVIR DESIGN	407	20.3	37	49	3	3	2	2	2	2
BUSINESS & MGMT	1499	19.8	35	49	10	9	7	7	8	8
BUSINESS & OFFICE	144	19.0	33	47	0	1	1	1	1	1
MARKETING & DISTRIBUTION	118	19.1	36	48	0	1	1	1	1	1
COMMUNICATION & COMM TEC	468	20.9	38	50	2	2	3	3	3	3
COMMUNITY & PRSNL SVCS	511	18.2	48	41	2	2	3	4	3	3
COMPUTER & INFO SCI	658	20.8	44	47	7	7	1	1	4	4
CROSS-DISC STUDIES	13	22.8	15	31	0	0	0	0	0	0
EDUCATION	810	20.0	48	42	2	2	7	7	5	5
TEACHER EDUCATION	649	19.2	52	38	4	5	3	4	4	4
ENGINEERING	759	21.6	38	48	9	8	1	1	4	4
ENGINEERING-RELATED TECH	408	21.1	33	55	5	5	0	0	2	2
FOREIGN LANGUAGES	88	22.5	40	40	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	4556	20.0	52	40	13	14	36	37	26	27
HUMAN, FAMILY/CONS SCI	206	18.7	44	43	0	1	2	2	1	1
LETTERS	110	24.4	38	45	0	0	1	1	1	1
MATHEMATICS	74	24.2	36	57	0	0	0	0	0	0
PHILOS, RELIG & THEOL	163	21.8	47	42	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	721	22.8	39	48	4	4	4	3	4	3
SOCIAL SCIENCES	1229	21.6	44	45	5	5	9	8	7	6
TRADE & INDUSTRIAL	292	18.1	48	38	4	5	0	0	2	2
VISUAL & PERFORM ARTS	1060	20.7	45	43	6	7	6	7	6	7
UNDECIDED	2196	20.5	9	14	15	13	10	9	12	11
NO RESPONSE	3345									

NUMBER OF STUDENTS - 21000

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	2473	17.7	12	AFRICAN-AMER/BLACK	3444	16.7	16
COLL PREP	10044	21.8	48	AM INDIAN,ALASKAN NTV	200	20.1	1
OTHER/GENERAL/NO RESP	8483	19.3	40	CAUCASIAN-AMER/WHITE	15221	21.2	72
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	335	18.6	2
ED/OCCUP PLANS	7854	20.4	37	ASIAN-AMER,PACIFIC ISL	359	21.4	2
EXPR IDEAS IN WRITING	4907	18.9	23	PUERTO RICAN,HISPANIC	194	18.5	1
READING/COMPREHENSION	6135	18.8	29	OTHER	210	18.7	1
STUDY SKILLS	9158	19.3	44	MULTIRACIAL	205	20.8	1
MATH SKILLS	8813	18.9	42	PREFER NOT TO RESPOND	351	22.1	2
PERSONAL CONCERNS	2078	18.6	10	NO RESPONSE	481	20.1	2
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	16214	20.2	77	LESS THAN \$18,000	2467	18.0	12
NEED TO FIND WORK	13466	19.9	64	ABOUT \$18,000-\$24,000	1866	18.5	9
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	1604	19.6	8
INDEP STUDY	7962	20.9	38	ABOUT \$30,000-\$36,000	1465	19.9	7
HONORS COURSES	6505	22.4	31	ABOUT \$36,000-\$42,000	1515	20.2	7
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	1672	20.7	8
ENGLISH	6107	22.1	29	ABOUT \$50,000-\$60,000	1715	21.1	8
MATH	5164	22.4	25	ABOUT \$60,000-\$80,000	2234	21.7	11
SOCIAL STUDIES	5210	22.0	25	ABOUT \$80,000-\$100,000	1319	22.0	6
NATURAL SCIENCE	4584	22.1	22	MORE THAN \$100,000	1379	23.0	7
FOREIGN LANG	3503	21.4	17	NO RESPONSE	3764	20.3	18
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	1063	16.7	5	TOP QTR	8035	23.0	38
\$1001 - \$2000	1282	17.8	6	2ND QTR	6624	19.1	32
\$2001 - \$4000	2518	18.8	12	3RD QTR	3211	17.0	15
\$4001 - \$7500	2470	20.0	12	4TH QTR	443	15.8	2
\$7501 & OVER	791	20.9	4	NO RESPONSE	2687	20.1	13
NO PREFERENCE	10083	21.5	48	EDUC DEG ASPIRATION			
NO RESPONSE	2793	20.4	13	VOC-TECH	362	16.6	2
MOST RECENTLY TESTED				2YR COL DEGREE	990	16.7	5
SOPHOMORE	394	19.9	2	BACHELORS DEGREE	7658	19.6	36
JUNIOR	3166	20.4	15	GRAD STUDY	2907	22.2	14
SENIOR	15837	20.2	75	PROF LEVEL DEGREE	6033	21.6	29
OTHER/NO RESPONSE	1603	22.0	8	OTHER	923	17.6	4
COLLEGE CORE PREPARATION				NO RESPONSE	2127	20.1	10
CORE OR MORE	14635	21.1	70	NUMBER OF STUDENTS			
LESS THAN CORE	4393	17.7	21	HOME SCHOOLED	256	21.7	1
NO RESPONSE	1972	20.2	9	EARNED A GED	43	18.9	0
				ALL STUDENTS	21000	20.3	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
0144 U OF ARKANSAS	AR	8015	3217	4798	1	8	25	33	22	10	1
0118 U CENTRAL ARKANSAS	AR	7442	2214	5228	2	11	30	31	19	6	0
0116 ARKANSAS STATE UNIV	AR	4155	1641	2514	1	15	31	31	17	5	0
0114 ARKANSAS TECH UNIV	AR	3708	1228	2480	1	11	31	33	19	5	0
0132 U OF ARKANSAS-L ROCK	AR	3077	710	2367	3	17	34	28	14	4	0
0126 HENDERSON STATE UNIV	AR	1929	552	1377	3	15	35	30	14	3	0
0122 U OF ARK-FT SMITH	AR	1620	571	1049	1	12	34	35	14	4	0
0128 HENDRIX COLLEGE	AR	1217	247	970	1	7	21	25	27	18	1
0142 SO ARKANSAS U	AR	1158	410	748	3	19	34	29	13	2	0
0110 U OF ARK-MONTICELLO	AR	1062	383	679	5	22	36	27	9	1	0
0134 OUACHITA BAPTIST U	AR	1041	234	807	1	9	24	32	23	10	0
0108 U OF ARK-PINE BLUFF	AR	994	260	734	8	39	37	14	2	0	0
0117 ARKANSAS ST U-BEEBE	AR	903	367	536	2	15	38	32	11	1	0
0124 HARDING UNIVERSITY	AR	832	248	584	1	9	24	33	23	9	1
6364 PULASKI TECH COLLEGE	AR	722	201	521	5	27	40	20	7	1	0
0112 LYON COLLEGE	AR	689	163	526	0	7	22	28	27	15	1
0120 UNIV OF THE OZARKS	AR	647	90	557	2	13	34	31	16	4	0
4726 NW ARKANSAS COMM C	AR	629	246	383	2	13	42	31	10	3	0
6869 U OF ARKANSAS-MED SC	AR	592	47	545	1	12	34	31	16	6	0
0140 WILLIAMS BAPTIST C	AR	572	116	456	1	10	29	36	18	6	0
5531 U AR CC-MORRILTON	AR	437	127	310	2	17	41	32	8	1	0
0130 JOHN BROWN UNIV	AR	404	93	311	1	9	23	33	22	11	1
0119 CENTRAL BAPTIST COLL	AR	387	78	309	2	17	35	29	14	4	0
0131 BAPTIST SCH NRSG/A H	AR	384	108	276	3	18	46	25	7	2	0
0136 PHILANDER SMITH COLL	AR	364	83	281	9	43	35	12	1	0	0
4723 ASU-MOUNTAIN HOME	AR	352	123	229	2	10	38	36	12	2	1
1588 LOUISIANA TECH UNIV	LA	312	92	220	2	11	28	30	22	7	0
0113 NORTH ARKANSAS COLL	AR	300	132	168	2	13	38	35	9	2	0
0115 NATIONAL PARK C C	AR	298	103	195	4	18	39	28	10	1	0
2250 U OF MISSISSIPPI	MS	289	47	242	2	7	19	32	27	13	1
2364 COLL OF THE OZARKS	MO	287	106	181	2	11	32	34	15	5	0
4810 BLACK RIVER TECH C	AR	267	102	165	1	16	48	25	9	1	0
3992 UNIV OF MEMPHIS	TN	252	49	203	2	20	34	29	13	2	0
3442 U OF OKLAHOMA	OK	246	48	198	1	6	20	30	26	15	2
2370 SOUTHWEST MO ST UNIV	MO	243	55	188	0	6	23	33	24	12	1
ALL OTHER INSTITUTIONS		18297	3747	14550	2	13	28	26	18	11	1
TOTALS		64123	18238	45885	2	13	30	29	18	8	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	(516)	(18.2)	BUSINESS & OFFICE	(144)	(19.0)
AGRICULTURAL BUSINESS	58	18.9	BOOKKEEPING/ACCT TECH	17	20.3
AGRICULTURAL ECONOMICS	2	14.0	BUSINESS DP/COMPUTER OPER	5	16.0
AGRICULTURAL MECHANICS	17	16.1	COURT REPORTING	1	26.0
AGRI PRODUCTION/TECH	5	19.6	OFFICE SUPERVISION & MGMT	7	20.6
AGRONOMY	5	20.4	SECRETARIAL	9	18.0
ANIMAL SCIENCES	33	20.3	TYPING & GENERAL OFFICE	8	14.4
FARM & RANCH MANAGEMENT	10	18.9	WORD PROCESSING	1	12.0
FISH, GAME, WILDLIFE MGMT	107	17.9	BUSINESS & OFFICE, GEN	96	19.3
FOOD SCIENCES/ENGINEERING	9	20.6			
FORESTRY & RELATED SCI	14	16.2	MARKETING & DISTRIBUTION	(118)	(19.1)
HORTICULTURE/ORNMENTAL HORT	7	19.0	FASHION MERCHANDISING	37	18.2
NATURAL RESOURCES MGMT	1	25.0	RETAILING & SALES	11	17.7
AGRICULTURE & AG TECH, GEN	248	17.9	TRAVEL SERVICES & TOURISM	0	0.0
			MARKETING & DISTRIB, GEN	70	19.9
ARCH & ENVIR DESIGN	(407)	(20.3)			
ARCHITECTURAL DRAFTING	71	19.9	COMMUNICATIONS & COMM TECH	(468)	(20.9)
ARCHITECTURE	67	22.0	ADVERTISING	29	20.7
BLDG CON/CONSTRUCTION SCI	16	17.2	GRAPHIC/COMMERCIAL ART	30	19.5
CITY, COMM & REG PLANNING	3	24.7	GRAPHIC & PRINT COMMUNIC	9	16.2
ENVIRONMENTAL DESIGN	0	0.0	JOURNALISM	101	22.6
INTERIOR DESIGN	61	19.0	PHOTO/FILM/VIDEO TECH	36	18.3
LANDSCAPE ARCHITECTURE	16	19.4	PUBLIC RELATIONS	22	22.0
ARCHI & ENVIR DESIGN, GEN	173	20.7	RADIO/TV BROADCASTING	67	19.9
			RADIO/TV PRODUCTN & TECH	12	20.0
BUSINESS & MGMT	(1499)	(19.8)	COMMUNIC & COMM TECH, GEN	162	21.3
ACCOUNTING	180	20.7			
BANKING & FINANCE	51	20.4	COMMNTY & PRSNL SVCS	(511)	(18.2)
BUSINESS ADMIN & MGMT	214	19.0	CORRECTIONS	2	17.5
BUSINESS ECONOMICS	21	18.0	COSMETOLOGY/HAIRSTYLING	68	17.0
CONTRACT MGMT & PURCHSING	3	18.3	CRIMINAL JUSTICE/CRIMINOL	158	18.7
HOTEL/RESTAURANT MGMT	19	17.6	FIRE PROTECTN/SAFETY TECH	6	20.8
HUMAN RESOURCE DEVEL/TRNG	2	15.0	FUNERAL SVCS/MORTUARY SCI	8	16.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	70	17.6
INSURANCE & RISK MGMT	11	17.9	LIBRARY SCI/LIB ASSISTING	3	16.3
INTERNATL BUSINESS/MGMT	34	20.7	MILITARY SCIENCE/TECH	9	18.4
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	4	17.3
MANAGEMENT INFO SYSTEMS	2	16.5	PUBLIC ADMINISTRATION	3	18.7
MANAGEMENT SCIENCE	2	29.5	PUBLIC AFFAIRS	3	21.3
MARKETING MGMT & RESEARCH	29	22.2	SOCIAL WORK	46	17.1
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	131	19.1
PERSONNEL MANAGEMENT	1	27.0			
REAL ESTATE	37	17.6			
SML BUSINESS MGMT/OWNRSHIP	79	18.9			
TRADE & INDUSTRIAL MGMT	2	20.0			
TRANSPORTATION MANAGEMENT	1	18.0			
BUSINESS & MGMT, GEN	811	20.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(658)	(20.8)	ENGINEERING	(759)	(21.6)
COMPUTER PROGRAMMING	240	20.1	AEROSPACE ENGINEERING	45	24.8
COMPUTER SCIENCE	117	21.7	AGRICULTURAL ENGINEERING	11	18.8
DATA PROCESSING	6	18.2	ARCHITECTURAL ENGINEERING	7	22.0
INFO SCIENCES & SYSTEMS	22	20.7	BIOENGINEER & BIOMED ENG	13	23.5
MATH/COMPUTER SCIENCE	15	23.8	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	258	20.8	CHEMICAL ENGINEERING	31	24.2
CROSS-DISC STUDIES	(13)	(22.8)	CIVIL ENGINEERING	33	23.5
AREA & ETHNIC STUDIES	2	24.5	COMPUTER ENGINEERING	64	20.5
LIBERAL ARTS/GEN STUDIES	7	20.6	CONSTRUCTION ENG/MGMT	11	18.6
MULTI-/INTERDISC STUDIES	3	27.0	ELECTRCL & ELECTRONIC ENG	59	21.5
CROSS-DISC STUDIES, GEN	1	23.0	ENGINEERING MANAGEMENT	2	18.5
EDUCATION	(810)	(20.0)	ENGINEERING PHYSICS	2	17.0
ADULT & CONTINUING EDUC	3	25.3	ENGINEERING SCIENCE	4	23.3
EDUCATION ADMINISTRATION	10	18.4	ENVIRONMENTAL HEALTH ENG	2	25.5
ELEMENTARY EDUCATION	253	19.4	GEOLOGICAL & GEOPHYS ENG	1	29.0
JR HIGH/MIDDLE SCH EDUC	56	19.6	INDUSTRIAL ENGINEERING	11	22.5
PRE-ELEMENTARY EDUCATION	63	18.4	MATERIALS ENGINEERING	3	19.0
SECONDARY EDUCATION	80	21.7	MECHANICAL ENGINEERING	90	21.6
STUDENT COUNSELING	8	17.1	METALLURGICAL ENGINEERING	0	0.0
TEACHER AIDE	1	15.0	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	336	20.6	NAVAL ARCHIT & MARINE ENG	5	18.2
TEACHER EDUCATION	(649)	(19.2)	NUCLEAR ENGINEERING	9	23.9
AGRICULTURAL EDUCATION	12	20.0	OCEAN ENGINEERING	3	18.3
ART EDUCATION	17	19.2	PETROLEUM ENGINEERING	1	14.0
BUSINESS EDUCATION	2	20.0	SYSTEMS ENGINEERING	1	15.0
ENGLISH EDUCATION	28	22.3	ENGINEERING, GENERAL	351	21.0
FOREIGN LANGUAGES EDUC	6	20.2	ENGINEERING-RELATED TECH	(408)	(21.1)
HEALTH EDUCATION	8	16.8	AERONAUTICAL TECHNOLOGY	25	23.3
HUMAN, FAM/CONS SCI EDUC	5	18.2	AC, HEATING, REFRIG TECH	6	14.7
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	10	20.5
MATHEMATICS EDUCATION	31	21.3	BIOMEDICAL EQUIPMENT TECH	4	24.3
MUSIC EDUCATION	66	19.9	CIVIL ENGINEERING TECH	10	22.6
PHYSICAL EDUCATION	182	17.4	COMPUTER ENGINEERING TECH	43	21.9
SCIENCE EDUCATION	8	17.9	CONSTRUCTION/BLDG TECH	6	16.8
SOC STUDIES/SOC SCI EDUC	16	19.1	DRAFTING & DESIGN TECH	19	19.3
SPECIAL EDUCATION	11	19.0	ELECTRICAL ENG TECHNOLOGY	31	20.3
SPEECH CORRECTION EDUC	6	21.2	ELECTRONIC ENG TECHNOLOGY	20	19.6
TEACHING ENGL AS 2ND LANG	1	32.0	ELECTROMECHAN INSTR TECH	1	20.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	1	23.0
TEACHER EDUCATION, OTHER	22	19.5	INDUSTRRL PRODUCTION TECH	1	19.0
TEACHER EDUCATION, GEN	228	19.7			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	2	24.5	HUMAN, FAMILY/CONS SCI	(206)	(18.7)
MANUFACTURING TECHNOLOGY	2	24.5	CHILD DEV, CARE, GUIDANCE	38	17.4
MECHANICAL ENG TECH	50	20.4	CHILD CARE AIDE/ASSISTING	9	15.2
MINING & PETROLEUM TECH	0	0.0	CULINARY ARTS	41	19.3
OCCUPATL SFTY & HLTH TECH	1	15.0	FAMILY/CONS RESOURCE MGMT	1	13.0
SURVEYING & MAPPING TECH	4	22.5	FASHION DESIGN	19	18.1
ENGINEERING TECH, OTHER	15	21.0	FOOD PRODUCTN, MGMT, SVCS	5	23.4
ENGINEER-RELATD TECH, GEN	157	21.5	FOOD SCI & NUTR/DIETETICS	15	20.5
			HUMAN ENVIRON & HOUSING	1	17.0
FOREIGN LANGUAGES	(88)	(22.5)	INDIVIDUAL & FAMILY DEVEL	3	15.0
ASIATIC LANGUAGES	6	21.7	TEXTILES AND CLOTHING	6	19.5
CLASSICAL LANGUAGES	3	27.7	HUMAN, FAM/CONS SCI, GEN	68	19.0
FRENCH	4	24.3			
GERMAN	5	25.2	LETTERS	(110)	(24.4)
ITALIAN	0	0.0	CLASSICS	0	0.0
MIDDLE EASTERN LANGUAGES	0	0.0	COMPARATIVE LITERATURE	0	0.0
RUSSIAN	0	0.0	CREATIVE WRITING	47	23.7
SPANISH	33	22.0	ENGLISH, GENERAL	22	25.4
FOREIGN LANGUAGES, OTHER	5	23.4	LINGUISTICS	3	26.0
FOREIGN LANGUAGES, GEN	32	21.8	LITERATURE, ENGLISH/AMER	15	25.1
			SPEECH & RHETORICAL STUDY	1	17.0
HEALTH SCI & ALLIED HLTH	(4556)	(20.0)	LETTERS, GENERAL	22	24.2
CHIROPRACTIC	36	19.7			
DENTAL ASSISTING	12	15.5	MATHEMATICS	(74)	(24.2)
DENTAL HYGIENE	110	19.1	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	3	19.0	APPLIED MATHEMATICS	6	25.0
DENTISTRY	116	21.2	STATISTICS	3	22.0
EMERG MED TECH/PARAMEDIC	18	17.1	MATHEMATICS, GENERAL	65	24.2
HEALTH CARE ADMIN	16	17.7			
MEDICAL/SURG ASSISTING	89	18.8	PHILOS, RELIG & THEOLOGY	(163)	(21.8)
MEDICAL LAB/TECHNOLOGY	38	20.8	BIBLE STUDIES	19	21.8
MED RECORDS ADMIN/TECH	13	16.8	PHILOSOPHY	10	22.0
MEDICINE	516	22.6	RELIGION	16	23.3
MNTL HLTH & HUM SVCS/TECH	24	19.9	RELIGIOUS EDUCATION	16	22.9
NUCLEAR MEDICINE TECH	13	19.6	RELIGIOUS MUSIC	12	19.2
NURSING (PRACTICAL)	155	16.4	THEOLOGY	18	23.0
NURSING (REGISTERED)	722	18.3	PHILOS, RELIG & THEOL, GEN	72	21.3
OCCUPATNL THERAPY/ASSIST	40	19.0			
OPTOMETRY	33	21.0			
PHARMACY	182	22.0			
PHYSICIAN ASSISTING	14	20.1			
PHYSICAL THERAPY/ASSIST	350	19.4			
RADIOLOGY/RADIOLOGIC TECH	149	19.4			
REC/ART/MUSIC THERAPY	3	24.3			
RESPIRATORY THERAPY/TECH	9	18.3			
SPEECH PATHOL/AUDIOLOGY	32	20.7			
VETERINARIAN ASSISTING	20	16.5			
VETERINARY MEDICINE	125	22.0			
HEALTH SCI & ALLIED, GEN	1718	20.4			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	721)	(22.8)	VISUAL/PERFORM ARTS	(1060)	(20.7)
ASTRONOMY	18	21.3	APPLIED DESIGN/CRAFTS	9	19.3
ATMOSPHER SCI & METEOROL	23	19.9	ART	86	21.0
BIOCHEMISTRY & BIOPHYSICS	33	25.4	ART HIST & APPRECIATION	2	19.0
BIOLOGY	195	22.4	CINEMATOGRAPHY/FILM/VIDEO	42	21.9
BOTANY	8	22.5	DANCE	23	20.2
CHEMISTRY	82	23.7	DESIGN, GENERAL	27	20.2
EARTH SCIENCE	6	19.3	DRAMA/THEATRE ARTS	102	21.1
ECOLOGY/ENV STUDIES	12	24.1	FINE ARTS, GENERAL	26	20.2
GEOLOGY	6	20.0	GRAPHIC ARTS TECHNOLOGY	20	20.9
MICROBIOLOGY	16	21.8	GRAPHIC DESIGN	80	20.5
OCEANOGRAPHY	19	20.9	MUSIC (LIBERAL ARTS)	31	19.9
PHYSICS	25	26.4	MUSIC PERFORMANCE	141	21.5
ZOOLOGY	53	22.2	MUSIC THEORY & COMPOSIT	38	21.3
SCIENCES (BIO & PHYS), GEN	225	22.8	PHOTOGRAPHY	57	19.4
			VISUAL/PERFORM ARTS, GEN	376	20.4
SOCIAL SCIENCES (	1229)	(21.6)	UNDECIDED	(2196)	(20.5)
ANTHROPOLOGY	16	22.9			
ECONOMICS	0	0.0			
GEOGRAPHY	2	14.5			
HISTORY	88	22.8			
INTERNATIONAL RELATIONS	13	23.0			
LAW	263	21.4			
PARALEGAL/LEGAL ASSISTING	7	21.9			
POLITICAL SCI/GOVERNMENT	66	24.5			
PSYCHOLOGY	448	21.1			
SOCIOLOGY	25	20.3			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	301	21.7			
TRADE & INDUSTRIAL (	292)	(18.1)			
AIRCRAFT TECHNICIAN	9	18.0			
AIRPLANE PILOTING & NAVIG	34	21.7			
AUTOMOTIVE BODY REPAIR	33	16.9			
AUTOMOTIVE TECHNOLOGY	59	19.3			
AVIATION MANAGEMENT	3	18.3			
COMPUTER ELECTRNCS/REPAIR	3	21.0			
CONSTRCT TRADES & CARPENT	3	15.3			
DIESEL MECHANICS & TECH	15	16.3			
DRAFTING	1	13.0			
ELECTRICAL EQUIP REPAIR	7	15.6			
HEATING, AC, REFRIG MECH	4	18.5			
MACHINE TECHNOLOGY	4	16.8			
MECHANICAL DRAFTING	2	23.0			
WELDING & WELDING TECH	23	16.6			
TRADE & INDUSTRIAL, GEN	92	17.3			

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)	104	16.6	59	17.2	43	15.8	19	16.6	85	16.6
BUSINESS OPER (04-05)	155	16.6	85	17.5	67	15.6	61	16.3	93	16.8
TECHNICAL (06-07)	306	16.5	160	17.3	140	15.7	202	16.7	102	16.1
SCIENCE & TECH (08-09)	209	17.3	121	18.0	79	16.1	122	17.5	87	17.0
ARTS (10-11)	92	16.7	47	17.3	42	16.0	26	16.9	65	16.5
SOCIAL SERVICE (12-01)	88	16.4	46	17.5	41	15.1	14	16.9	74	16.3
OTHER*	398	16.7	200	17.7	166	15.5	177	16.2	219	17.0
TOTAL	1352	16.7	718	17.6	578	15.7	621	16.7	725	16.7
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	1775	20.2	1358	20.8	346	17.8	544	20.4	1230	20.1
BUSINESS OPER (04-05)	1171	20.2	888	21.0	236	17.4	544	20.1	622	20.2
TECHNICAL (06-07)	2167	20.3	1647	20.9	433	17.5	1454	20.3	708	20.1
SCIENCE & TECH (08-09)	2805	21.7	2173	22.3	494	18.9	1480	21.9	1320	21.5
ARTS (10-11)	1831	21.8	1409	22.5	338	19.4	578	22.0	1248	21.8
SOCIAL SERVICE (12-01)	1902	20.9	1472	21.5	348	18.4	520	20.7	1377	20.9
OTHER*	4947	20.5	3603	21.2	986	18.0	2245	20.6	2686	20.5
TOTAL	16598	20.8	12550	21.5	3181	18.2	7365	20.9	9191	20.8

* 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	7485	3.13	3.00	3.30	3.11	3.14	0.61
FEMALE	9610	3.36	3.09	3.40	3.21	3.27	0.56
NO RESPONSE	44	3.22	3.03	3.35	3.21	3.20	0.49
AFRICAN-AMERICAN/BLACK	2882	2.92	2.67	3.04	2.87	2.88	0.59
CAUCASIAN-AMERICAN/WHITE	12631	3.34	3.13	3.44	3.24	3.29	0.56
OTHER MINORITY	1059	3.21	3.09	3.31	3.13	3.19	0.60
MISSING/PREFER NO RESP	567	3.23	3.03	3.29	3.15	3.18	0.61
TOTAL	17139	3.26	3.05	3.36	3.17	3.21	0.59

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 62, THIS MEANS THAT 62% 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 55 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	14	99
34	35	99
33	84	99
32	140	99
31	169	99
30	300	98
29	358	96
28	541	95
27	666	92
26	806	89
25	940	85
24	1127	81
23	1335	75
22	1417	69
21	1565	62 <-- 62% OF THE STUDENTS SCORE AT OR BELOW 21
20	1787	55 <-- 55% OF THE STUDENTS SCORE BELOW 21
19	1756	46
18	1618	38
17	1591	30
16	1365	23
15	1244	16
14	1002	10
13	678	5
12	341	2
11	96	1
10	19	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

