

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

**STATE COMPOSITE FOR
TEXAS**

CODE 440-000

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	51587	13592	75/ 20	20.2/17.4	20.8/18.1	21.0/18.5	20.8/18.6	20.8/18.3
2001-02	50073	12910	74/ 19	19.9/17.3	20.6/18.1	20.7/18.4	20.6/18.6	20.6/18.2
2002-03	52476	14187	72/ 19	19.9/17.2	20.5/18.2	20.8/18.5	20.5/18.7	20.6/18.3
2003-04	50365	14405	70/ 20	20.0/17.5	20.7/18.6	20.9/18.8	20.6/18.8	20.7/18.6
2004-05	49191	15065	68/ 21	19.9/17.5	20.7/18.8	20.8/18.8	20.6/18.9	20.6/18.6

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	68967	19.6	20.2	20.5	20.3	20.3
2001-02	67842	19.3	20.1	20.3	20.1	20.1
2002-03	73145	19.3	20.0	20.3	20.1	20.1
2003-04	71696	19.4	20.3	20.5	20.2	20.2
2004-05	72294	19.3	20.3	20.3	20.2	20.2

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	23.2	23.8	24.4	22.9	23.4
Q2 (50TH PERCENTILE - MEDIAN)	19.1	19.3	19.8	20.0	19.7
Q1 (25TH PERCENTILE)	15.1	16.4	15.5	17.4	16.5

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= 6395) (N= 270) (N= 24675) (N= 10409) (N= 1592) (N= 1823)						
ENGLISH	16.5	20.3	21.9	17.2	21.7	17.4
USAGE/MECH	8.0	10.2	11.2	8.4	11.1	8.5
RHET SKILLS	8.4	10.5	11.2	8.8	10.9	8.9
MATHEMATICS	17.5	21.2	22.2	18.8	24.0	18.8
PRE/ELEM-ALG	9.0	11.4	12.0	9.7	12.9	9.8
ALG/CRD-GEOM	8.5	10.6	11.1	9.2	12.0	9.3
PLANE GEOM/TRIG	8.3	10.7	11.2	9.3	12.0	9.3
READING	17.4	21.9	22.7	18.4	22.4	18.4
SOC STU/SCI	8.4	10.8	11.3	9.0	11.3	9.0
ARTS/LITERATURE	8.9	11.6	11.9	9.4	11.6	9.4
SCIENCE	17.9	21.6	22.0	18.8	22.2	18.8
COMPOSITE	17.5	21.4	22.3	18.4	22.7	18.5
LESS THAN CORE (N= 2436) (N= 70) (N= 6764) (N= 3478) (N= 331) (N= 614)						
ENGLISH	14.5	18.8	19.8	15.2	20.0	14.8
USAGE/MECH	6.8	9.3	9.9	7.2	10.2	7.0
RHET SKILLS	7.3	9.6	10.2	7.8	10.1	7.6
MATHEMATICS	16.1	20.0	20.4	17.2	22.8	17.1
PRE/ELEM-ALG	7.9	10.7	10.8	8.6	12.1	8.5
ALG/CRD-GEOM	7.8	9.8	10.1	8.3	11.5	8.3
PLANE GEOM/TRIG	7.5	9.6	10.3	8.4	11.3	8.3
READING	15.8	20.4	21.0	16.6	21.0	16.2
SOC STU/SCI	7.5	10.0	10.4	8.0	10.7	7.7
ARTS/LITERATURE	7.9	10.5	11.0	8.4	10.6	8.1
SCIENCE	16.6	19.6	20.5	17.5	21.1	17.3
COMPOSITE	15.9	19.9	20.6	16.7	21.3	16.5
NO RESPONSE (N= 696) (N= 54) (N= 4229) (N= 1365) (N= 212) (N= 280)						

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= 9527)	(N= 394)	(N= 35668)	(N= 15252)	(N= 2135)	(N= 2717)
ENGLISH	15.9	19.8	21.4	16.6	21.4	16.7
USAGE/MECH	7.6	9.9	10.9	8.0	11.0	8.0
RHET SKILLS	8.1	10.2	10.9	8.5	10.8	8.5
MATHEMATICS	17.1	20.9	21.8	18.3	23.8	18.4
PRE/ELEM-ALG	8.7	11.2	11.7	9.4	12.8	9.5
ALG/CRD-GEOM	8.3	10.4	10.9	9.0	11.9	9.0
PLANE GEOM/TRIG	8.1	10.4	11.0	9.1	11.9	9.1
READING	17.0	21.5	22.3	17.9	22.1	17.8
SOC STU/SCI	8.2	10.6	11.1	8.7	11.2	8.7
ARTS/LITERATURE	8.6	11.3	11.7	9.1	11.4	9.1
SCIENCE	17.5	20.9	21.6	18.4	21.9	18.4
COMPOSITE	17.0	20.9	21.9	17.9	22.5	18.0

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	1903 19.5	144 22.7	15340 23.8	4101 20.5	1052 24.1	789 20.3
3.00 - 3.49	3019 17.1	84 20.1	7809 20.5	4680 17.6	460 20.3	812 17.3
2.50 - 2.99	1876 15.7	40 19.2	2524 18.7	2425 16.0	118 18.6	370 15.9
2.00 - 2.49	568 14.8	10 18.4	510 17.4	636 15.1	23 17.3	88 14.8
1.99 & BELOW	48 14.1	1 15.0	42 16.9	65 15.1	1 16.0	10 16.5
CGPA PRED BY STUDENT						
3.5 - 4.0	1465 19.8	111 23.3	11231 24.4	2774 21.2	929 24.2	560 20.6
3.0 - 3.4	3867 17.5	156 20.6	14189 21.3	6157 18.1	720 21.5	1101 18.1
2.5 - 2.9	2153 15.8	55 18.2	4222 18.8	2961 16.4	157 18.3	475 16.2
2.0 - 2.4	928 14.8	19 17.7	1103 17.3	1109 15.1	47 17.3	172 14.7
1.9 & BELOW	163 13.7	3 14.3	189 16.6	239 14.5	13 16.9	39 14.2
HIGH SCHOOL RANK						
TOP QUARTER	2431 19.4	139 22.8	15987 23.7	5158 20.3	1052 24.2	917 20.2
2ND QUARTER	3202 16.8	118 20.1	9027 20.2	4571 17.1	471 20.2	817 17.0
BOTTOM HALF	2555 15.2	65 17.9	4098 18.5	2953 15.6	213 18.2	516 15.6

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	13820	19	6964	10	1981	3	303	0
	FEMALE	19355	27	10360	14	3414	5	325	0
	TOTAL	33404	46	17460	24	5439	8	635	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	12144	17	6239	9	4248	6	418	1
	FEMALE	17258	24	8097	11	7562	10	494	1
	TOTAL	29629	41	14432	20	11894	16	920	1
GRADING PRACTICES & POLICIES	MALE	11635	16	8103	11	2883	4	398	1
	FEMALE	16983	23	11541	16	4313	6	560	1
	TOTAL	28823	40	19770	27	7269	10	968	1
NO. & KINDS OF TESTS GIVEN	MALE	10727	15	9163	13	2728	4	373	1
	FEMALE	15335	21	12907	18	4681	6	439	1
	TOTAL	26259	36	22222	31	7464	10	822	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	11237	16	6587	9	4019	6	1144	2
	FEMALE	16032	22	8543	12	7380	10	1364	2
	TOTAL	27477	38	15238	21	11480	16	2526	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	8783	12	7431	10	6225	9	542	1
	FEMALE	12525	17	10289	14	9883	14	633	1
	TOTAL	21466	30	17848	25	16227	22	1185	2
LIBRARY OR LEARNING CENTER	MALE	12725	18	7347	10	2249	3	664	1
	FEMALE	19072	26	9876	14	3498	5	898	1
	TOTAL	32034	44	17346	24	5787	8	1576	2
LABORATORY FACILITIES	MALE	11145	15	7733	11	3210	4	883	1
	FEMALE	15680	22	10987	15	5018	7	1598	2
	TOTAL	27028	37	18865	26	8266	11	2508	3
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	9377	13	6989	10	2190	3	4403	6
	FEMALE	13977	19	9235	13	3634	5	6430	9
	TOTAL	23550	33	16326	23	5871	8	10902	15
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	13396	19	6223	9	1792	2	1558	2
	FEMALE	20604	29	7928	11	2928	4	1863	3
	TOTAL	34269	47	14236	20	4750	7	3453	5
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	9867	14	7728	11	3529	5	1790	2
	FEMALE	14679	20	10008	14	5991	8	2557	4
	TOTAL	24751	34	17849	25	9585	13	4378	6

NUMBER OF STUDENTS - 72294

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 72294)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	65	99	75	99	377	99	82	99	7	99
35	236	99	248	99	557	99	193	99	64	99
34	581	99	432	99	886	99	266	99	153	99
33	464	99	343	99	921	97	174	99	275	99
32	607	98	457	98	826	96	412	99	493	99
31	830	97	656	98	1247	95	255	98	711	99
30	812	96	742	97	1601	93	450	98	1054	98
29	1798	95	1449	96	1557	91	845	97	1282	96
28	1605	93	1722	94	1991	89	1147	96	1738	94
27	1757	90	2829	92	2635	86	1512	95	2127	92
26	2404	88	3044	88	2723	83	2547	93	2741	89
25	2947	85	2950	83	2557	79	3232	89	3202	85
24	3040	80	4676	79	3586	75	3931	85	3787	81
23	3232	76	3980	73	4236	70	5255	79	4299	76
22	4082	72	3010	67	3426	64	5048	72	4731	70
21	4711	66	3841	63	3325	60	7318	65	5378	63
20	5120	60	4629	58	5379	55	7723	55	5460	56
19	4993	53	4947	51	4357	48	6540	44	5569	48
18	4408	46	6006	45	3333	42	6931	35	5877	40
17	4097	40	7159	36	3939	37	4834	25	5447	32
16	4149	34	8025	26	4661	32	3647	19	5100	25
15	5337	28	5406	15	3585	25	3091	14	4444	18
14	3720	21	3090	8	4974	20	1971	9	3330	12
13	2518	16	1710	4	3617	13	1820	7	2417	7
12	2079	12	531	1	3098	8	1192	4	1517	4
11	1827	9	217	1	1663	4	821	3	674	2
10	1608	7	64	1	583	2	590	1	260	1
9	919	5	31	1	281	1	273	1	105	1
8	1281	3	5	1	132	1	103	1	33	1
7	657	1	8	1	77	1	53	1	14	1
6	251	1	5	1	78	1	18	1	4	1
5	103	1	4	1	49	1	15	1	1	1
4	41	1	1	1	21	1	0	1	0	1
3	9	1	0	1	5	1	3	1	0	1
2	5	1	0	1	6	1	0	1	0	1
1	1	1	2	1	5	1	2	1	0	1

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

33-36	1346	2	1098	2	2741	4	715	1	499	1
28-32	5652	8	5026	7	7222	10	3109	4	5278	7
24-27	10148	14	13499	19	11501	16	11222	16	11857	16
20-23	17145	24	15460	21	16366	23	25344	35	19868	27
16-19	17647	24	26137	36	16290	23	21952	30	21993	30
13-15	11575	16	10206	14	12176	17	6882	10	10191	14
01-12	8781	12	868	1	5998	8	3070	4	2608	4
AVG(SD)	19.3(5.9)		20.3(4.9)		20.3(6.1)		20.2(4.5)		20.2(4.8)	

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 = 72294)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	1364	99	328	99	927	99	2490	99	18
17	2200	98	568	99	2956	99	3222	97	17
16	2185	95	2158	99	2531	95	4345	92	16
15	3131	92	2702	96	3284	91	4557	86	15
14	3728	88	4320	92	3447	87	2632	80	14
13	3613	83	4353	86	4606	82	5029	76	13
12	5128	78	6912	80	6155	75	8181	69	12
11	6778	70	7447	70	5970	67	5542	58	11
10	7043	61	9591	60	7937	59	5936	50	10
9	6791	51	10004	47	8581	48	5549	42	9
8	7826	42	8145	33	8883	36	6236	34	8
7	6856	31	5558	22	5866	24	6084	26	7
6	5907	22	4120	14	4432	15	4853	17	6
5	3990	13	3019	8	2797	9	5026	11	5
4	3259	8	1916	4	1789	5	1754	4	4
3	1517	3	850	2	1192	3	581	1	3
2	848	1	277	1	588	1	250	1	2
1	130	1	26	1	353	1	27	1	1
AVERAGE		9.6		9.9		10.0		10.6	
S.D.		3.7		3.1		3.6		3.9	

STD SCORE	PRE/ELEM ALG		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	1468	99	395	99	337	99	18
17	2291	98	669	99	400	99	17
16	3298	95	1226	99	1485	99	16
15	3557	90	1894	97	2628	97	15
14	5397	85	4807	94	4495	93	14
13	6748	78	4546	88	5529	87	13
12	5391	69	8928	81	8587	79	12
11	7183	61	7941	69	7323	68	11
10	7057	51	9283	58	13306	57	10
9	6036	41	13185	45	8238	39	9
8	10440	33	6942	27	6806	28	8
7	8236	19	4542	17	5484	18	7
6	3409	7	3242	11	3416	11	6
5	1072	2	2056	6	792	6	5
4	456	1	1378	4	2005	5	4
3	177	1	941	2	326	2	3
2	67	1	75	1	862	2	2
1	11	1	244	1	275	1	1
AVERAGE		10.7		10.0		10.1	
S.D.		3.3		2.9		3.0	

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	30218	18.8	5.9	20.8	5.2	20.0	6.1	20.6	4.8	20.2	5.0
FEMALES	41389	19.7	5.9	19.9	4.6	20.6	6.1	19.9	4.2	20.1	4.7
NO RESPONSE	687	19.5	5.7	20.3	4.7	20.9	6.2	20.2	4.4	20.4	4.7

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	2	2	1	4	4	2	1	1	1	1	1
28-32	7	8	9	6	10	10	6	3	8	7	8	7
24-27	13	15	20	17	15	17	18	14	16	16	16	16
20-23	22	25	21	22	22	23	34	36	26	29	26	29
16-19	25	24	33	38	23	22	28	32	30	31	30	31
13-15	18	15	13	15	18	16	9	10	15	14	15	14
01-12	14	11	1	1	10	7	4	4	4	3	4	3

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	12400	21	22.2	394	16	540	15	8653	26	2813	14
GOOD	23747	40	20.1	959	39	1438	41	13462	40	7888	40
AVERAGE	12628	21	18.7	617	25	926	26	5769	17	5316	27
BELOW AVERAGE	2512	4	18.4	125	5	184	5	1084	3	1119	6
VERY INADEQUATE	4080	7	18.8	232	9	286	8	2217	7	1345	7
NO RESPONSE	3737	6	21.3	132	5	137	4	2402	7	1066	5
NO. OF STUDENTS	59104			2459		3511		33587		19547	

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	72294	19.3	5.9	20.3	4.9	20.3	6.1	20.2	4.5	20.2	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	49191	19.9	5.9	20.7	4.9	20.8	6.1	20.6	4.4	20.6	4.8
In between	9230	16.8	5.5	18.0	4.0	18.0	5.5	18.3	4.1	17.9	4.3
E4, M2, SS2, NS2	5835	18.7	6.0	20.0	5.0	20.0	6.1	19.9	4.5	19.8	4.9
No Response	8038	19.1	6.1	20.4	5.0	20.3	6.2	20.0	4.5	20.1	4.9
HS GPA RANGES											
3.50 - 4.00	25408	22.3	5.5	22.9	4.8	23.2	5.9	22.3	4.2	22.8	4.5
3.00 - 3.49	18268	18.0	5.0	19.0	4.0	19.0	5.4	19.2	3.9	18.9	4.0
2.50 - 2.99	8056	15.6	4.9	17.1	3.3	16.9	4.9	17.6	3.8	16.9	3.6
2.00 - 2.49	2006	14.0	4.7	16.1	2.8	15.5	4.6	16.5	3.7	15.6	3.3
1.99 & below	186	13.8	4.3	15.8	2.4	15.4	4.6	16.3	3.3	15.5	3.1

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	54347	75	3.46	19.4	20.2
ENG 9, ENG 10, ENG 11, ENG 12	5234	7	3.31	18.8	19.8
LESS THAN 4 YEARS OF ENGLISH	4225	6	3.41	19.2	20.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	8488	12	- . -	19.1	20.1
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1974	3	3.60	24.4	23.8
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	1533	2	3.41	22.1	22.0
ALG 1, ALG 2, GEOM, TRIG	1650	2	3.32	21.1	21.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	12933	18	3.28	20.3	20.3
ALG 1, ALG 2, GEOM	19281	27	2.92	17.4	17.6
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	16559	23	3.53	23.3	22.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	6067	8	3.26	20.0	20.0
LESS THAN 3 YEARS OF MATH	3732	5	2.79	18.7	18.6
NO MATH COURSE/GRADE INFORMATION REPORTED	8565	12	- . -	20.4	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	217	0	3.51	22.5	22.0
US HIST, WORLD HIST, AM GOVT	388	1	3.30	19.0	18.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	50623	70	3.52	20.6	20.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	8080	11	3.38	19.0	18.9
LESS THAN 3 YEARS OF SOC SCI	4350	6	3.39	19.9	19.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	8636	12	- . -	20.4	20.1
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	18482	26	3.49	21.3	21.5
BIOLOGY, CHEMISTRY, PHYSICS	16470	23	3.36	21.2	21.4
GEN SCIENCE, BIOLOGY, CHEMISTRY	17180	24	3.24	19.0	18.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	1009	1	3.29	19.7	19.5
LESS THAN 3 YEARS OF NAT SCI	10027	14	3.07	18.4	18.0
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	9126	13	- . -	20.1	20.2

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	21528	71	3.37	18.9	20.3
ENG 9, ENG 10, ENG 11, ENG 12	2593	9	3.20	18.2	19.7
LESS THAN 4 YEARS OF ENGLISH	1901	6	3.31	18.6	20.1
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	4196	14	- . -	18.5	19.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	890	3	3.58	24.9	23.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	570	2	3.37	22.3	21.6
ALG 1, ALG 2, GEOM, TRIG	694	2	3.28	21.5	20.9
ALG 1, ALG 2, GEOM, OTHER ADV MATH	4474	15	3.23	20.7	20.1
ALG 1, ALG 2, GEOM	7372	24	2.85	17.7	17.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	7642	25	3.50	24.1	23.0
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	2636	9	3.20	20.3	19.8
LESS THAN 3 YEARS OF MATH	1693	6	2.72	18.8	18.3
NO MATH COURSE/GRADE INFORMATION REPORTED	4247	14	- . -	20.6	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	119	0	3.40	21.3	21.4
US HIST, WORLD HIST, AM GOVT	208	1	3.30	18.8	18.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	19940	66	3.48	20.3	20.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3655	12	3.34	18.7	19.0
LESS THAN 3 YEARS OF SOC SCI	2018	7	3.34	19.6	19.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	4278	14	- . -	19.9	20.0
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	8256	27	3.46	21.8	21.6
BIOLOGY, CHEMISTRY, PHYSICS	6513	22	3.33	21.9	21.7
GEN SCIENCE, BIOLOGY, CHEMISTRY	6615	22	3.13	19.0	18.4
OTHER COMBINATIONS OF 3 YEARS NAT SCI	500	2	3.22	20.0	19.5
LESS THAN 3 YEARS OF NAT SCI	3831	13	2.98	18.6	17.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	4503	15	- . -	20.4	20.1

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	32410	78	3.53	19.7	20.1
ENG 9, ENG 10, ENG 11, ENG 12	2591	6	3.41	19.4	19.9
LESS THAN 4 YEARS OF ENGLISH	2266	5	3.50	19.7	20.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	4122	10	- . -	19.7	20.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	1066	3	3.61	24.0	23.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	949	2	3.43	21.9	22.3
ALG 1, ALG 2, GEOM, TRIG	942	2	3.35	20.7	21.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	8353	20	3.31	20.0	20.4
ALG 1, ALG 2, GEOM	11773	28	2.97	17.2	17.7
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	8796	21	3.56	22.7	22.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	3368	8	3.31	19.8	20.0
LESS THAN 3 YEARS OF MATH	1993	5	2.85	18.6	18.9
NO MATH COURSE/GRADE INFORMATION REPORTED	4149	10	- . -	20.1	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	96	0	3.63	24.2	22.8
US HIST, WORLD HIST, AM GOVT	177	0	3.33	19.3	18.8
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	30298	73	3.55	20.8	20.3
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	4354	11	3.42	19.2	18.9
LESS THAN 3 YEARS OF SOC SCI	2275	5	3.43	20.2	19.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	4189	10	- . -	20.8	20.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	10093	24	3.52	20.9	21.4
BIOLOGY, CHEMISTRY, PHYSICS	9844	24	3.38	20.8	21.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	10402	25	3.31	18.9	19.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	501	1	3.35	19.3	19.5
LESS THAN 3 YEARS OF NAT SCI	6104	15	3.13	18.3	18.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	4445	11	- . -	19.9	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 (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC MAJOR (PERCENT)
AGRICULTURE SCIENCE/TECH	1240	18.6	44	45	3	3	1	1	2	2
ARCH & ENVIR DESIGN	1543	20.1	45	45	4	4	2	2	3	3
BUSINESS & MGMT	5963	19.9	37	51	13	13	9	8	11	10
BUSINESS & OFFICE	408	18.8	31	52	1	1	1	1	1	1
MARKETING & DISTRIBUTION	586	19.9	30	53	1	1	1	1	1	1
COMMUNICATION & COMM TEC	2054	20.8	41	47	3	3	4	5	4	4
COMMUNITY & PRSNL SVCS	1888	17.5	53	40	3	3	3	4	3	4
COMPUTER & INFO SCI	1540	20.1	41	49	5	5	1	1	3	3
CROSS-DISC STUDIES	79	23.8	22	51	0	0	0	0	0	0
EDUCATION	2758	19.4	52	40	2	2	7	7	5	5
TEACHER EDUCATION	1984	18.8	51	41	4	4	4	4	4	4
ENGINEERING	2789	21.6	39	50	10	9	2	1	5	5
ENGINEERING-RELATED TECH	1710	21.5	39	50	7	7	1	1	3	3
FOREIGN LANGUAGES	215	21.6	44	43	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	12893	19.5	57	38	12	13	30	32	23	25
HUMAN, FAMILY/CONS SCI	585	18.4	45	44	0	0	1	2	1	1
LETTERS	223	24.2	30	51	0	0	0	0	0	0
MATHEMATICS	307	22.6	29	53	1	0	0	0	1	0
PHILOS, RELIG & THEOL	416	22.3	52	34	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	2885	22.5	44	46	5	4	6	4	5	4
SOCIAL SCIENCES	4277	21.0	49	42	5	5	9	9	8	7
TRADE & INDUSTRIAL	432	17.6	48	41	2	2	0	0	1	1
VISUAL & PERFORM ARTS	3309	20.4	54	37	6	6	6	6	6	6
UNDECIDED	5804	20.3	9	17	12	12	9	8	10	10
NO RESPONSE	16406									

NUMBER OF STUDENTS - 72294

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	5970	17.4	8	AFRICAN-AMER/BLACK	9527	17.0	13
COLL PREP	33587	21.6	46	AM INDIAN,ALASKAN NTV	394	20.9	1
OTHER/GENERAL/NO RESP	32737	19.2	45	CAUCASIAN-AMER/WHITE	35668	21.9	49
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	15252	17.9	21
ED/OCCUP PLANS	25745	20.0	36	ASIAN-AMER,PACIFIC ISL	2135	22.5	3
EXPR IDEAS IN WRITING	17025	18.7	24	PUERTO RICAN,HISPANIC	2717	18.0	4
READING/COMPREHENSION	16454	18.4	23	OTHER	1168	19.0	2
STUDY SKILLS	27674	18.9	38	MULTIRACIAL	1337	20.7	2
MATH SKILLS	25402	18.4	35	PREFER NOT TO RESPOND	1680	20.4	2
PERSONAL CONCERNS	7721	18.2	11	NO RESPONSE	2416	21.2	3
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	54144	19.9	75	LESS THAN \$18,000	7928	17.1	11
NEED TO FIND WORK	44823	19.7	62	ABOUT \$18,000-\$24,000	5385	17.8	7
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	4448	18.6	6
INDEP STUDY	25458	20.6	35	ABOUT \$30,000-\$36,000	3870	19.0	5
HONORS COURSES	22568	22.1	31	ABOUT \$36,000-\$42,000	3880	19.6	5
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	4380	20.2	6
ENGLISH	21147	22.0	29	ABOUT \$50,000-\$60,000	4570	20.7	6
MATH	18342	22.2	25	ABOUT \$60,000-\$80,000	6938	21.3	10
SOCIAL STUDIES	18697	22.0	26	ABOUT \$80,000-\$100,000	5376	21.9	7
NATURAL SCIENCE	14835	22.2	21	MORE THAN \$100,000	6972	23.1	10
FOREIGN LANG	14252	20.8	20	NO RESPONSE	18547	20.7	26
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	3020	16.2	4	TOP QTR	27938	22.6	39
\$1001 - \$2000	3425	17.3	5	2ND QTR	19746	18.7	27
\$2001 - \$4000	6918	18.4	10	3RD QTR	9997	16.8	14
\$4001 - \$7500	8506	19.8	12	4TH QTR	1395	16.0	2
\$7501 & OVER	3382	20.6	5	NO RESPONSE	13218	20.1	18
NO PREFERENCE	32393	21.0	45	EDUC DEG ASPIRATION			
NO RESPONSE	14650	20.6	20	VOC-TECH	545	16.0	1
MOST RECENTLY TESTED				2YR COL DEGREE	2445	16.1	3
SOPHOMORE	580	20.7	1	BACHELORS DEGREE	25038	19.3	35
JUNIOR	17744	21.4	25	GRAD STUDY	12979	22.0	18
SENIOR	51460	19.7	71	PROF LEVEL DEGREE	19859	21.1	27
OTHER/NO RESPONSE	2510	21.2	3	OTHER	1782	17.3	2
COLLEGE CORE PREPARATION				NO RESPONSE	9646	19.8	13
CORE OR MORE	49191	20.6	68	NUMBER OF STUDENTS			
LESS THAN CORE	15065	18.6	21	HOME SCHOOLED	436	22.2	1
NO RESPONSE	8038	20.1	11	EARNED A GED	45	19.7	0
				ALL STUDENTS	72294	20.2	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	
4240 U OF TEXAS AUSTIN	TX	14518	4766	9752	2	8	23	30	24	12	1	
4198 TEXAS A&M-MAIN CMPUS	TX	12221	4335	7886	1	6	22	33	25	11	1	
4220 TEXAS TECH UNIV	TX	9660	2579	7081	1	8	26	35	21	7	0	
4178 TSU-SAN MARCOS	TX	8089	2087	6002	2	10	34	36	14	3	0	
4062 BAYLOR UNIVERSITY	TX	6839	2099	4740	1	8	23	32	24	11	1	
4136 UNIV OF NORTH TEXAS	TX	6793	1975	4818	3	12	32	31	17	5	0	
4239 U OF TEXAS SAN ANTON	TX	6498	1402	5096	4	17	40	27	9	2	0	
4236 U OF HOUSTON-MAIN CM	TX	5328	1421	3907	4	18	37	26	11	3	0	
4142 U OF TX PAN AMERICAN	TX	4601	2328	2273	8	30	42	16	4	1	0	
4162 SAM HOUSTON STATE U	TX	4157	1219	2938	4	15	40	28	10	2	0	
4200 U OF TEXAS ARLINGTON	TX	4125	964	3161	3	15	35	30	15	3	0	
4188 STEPHEN F AUSTIN U	TX	4097	892	3205	2	13	37	32	13	3	0	
4206 TEXAS CHRISTIAN UNIV	TX	4056	873	3183	2	8	23	33	24	9	0	
4045 TX A&M CORPUS CHRSTI	TX	3840	908	2932	5	20	42	25	7	2	0	
4212 TX A&M U-KINGSVILLE	TX	2674	635	2039	7	27	42	19	5	1	0	
4152 RICE UNIVERSITY	TX	2580	590	1990	1	5	15	22	27	25	5	
4204 TARLETON STATE UNIV	TX	2489	808	1681	1	13	39	33	12	2	0	
4243 U OF TEXAS AT DALLAS	TX	2255	445	1810	2	9	28	29	22	9	1	
4164 ANGELO STATE UNIV	TX	2130	840	1290	2	14	36	32	13	3	0	
5352 SOUTH TEXAS COLLEGE	TX	2127	622	1505	12	40	38	8	1	0	0	
4202 PRAIRIE VIEW A&M U	TX	2098	679	1419	12	36	39	11	2	0	0	
4216 TEXAS SOUTHERN UNIV	TX	1973	438	1535	12	34	39	12	2	0	0	
4050 ABILENE CHRISTIAN U	TX	1867	744	1123	2	10	28	32	19	7	0	
4174 SOUTHERN METHODIST U	TX	1818	411	1407	1	6	20	29	27	15	1	
3442 U OF OKLAHOMA	OK	1817	499	1318	1	4	17	35	30	12	1	
4068 BLINN COLLEGE	TX	1691	440	1251	4	15	41	30	9	1	0	
4250 WEST TEXAS A&M U	TX	1635	495	1140	2	14	36	31	14	4	0	
4158 ST MARYS U-SAN ANTON	TX	1504	283	1221	5	19	38	27	9	2	0	
4170 U HOUSTON-DOWNTOWN	TX	1407	229	1178	8	25	39	21	7	1	0	
4228 TYLER JUNIOR COLLEGE	TX	1339	387	952	6	23	39	22	8	1	0	
4226 TRINITY UNIVERSITY	TX	1329	228	1101	1	7	20	26	27	17	1	
4224 TEXAS WOMAN'S UNIV	TX	1323	322	1001	4	20	36	26	10	3	0	
4088 TEXAS A&M-COMMERCE	TX	1306	346	960	4	16	40	27	11	2	0	
4156 ST EDWARD'S UNIV	TX	1306	279	1027	4	13	31	31	16	5	0	
4231 U OF TEXAS TYLER	TX	1301	301	1000	2	13	35	34	14	3	0	
ALL OTHER INSTITUTIONS		84686	22769	61917	4	16	30	25	16	8	1	
TOTALS		217477	60638	156839	4	14	31	27	16	7	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	(1240)	(18.6)	BUSINESS & OFFICE	(408)	(18.8)
AGRICULTURAL BUSINESS	101	19.7	BOOKKEEPING/ACCT TECH	58	19.0
AGRICULTURAL ECONOMICS	9	18.9	BUSINESS DP/COMPUTER OPER	16	17.1
AGRICULTURAL MECHANICS	17	17.4	COURT REPORTING	10	16.5
AGRI PRODUCTION/TECH	5	19.4	OFFICE SUPERVISION & MGMT	20	17.9
AGRONOMY	12	20.3	SECRETARIAL	26	16.0
ANIMAL SCIENCES	227	19.7	TYPING & GENERAL OFFICE	10	16.4
FARM & RANCH MANAGEMENT	67	17.2	WORD PROCESSING	1	17.0
FISH, GAME, WILDLIFE MGMT	154	18.8	BUSINESS & OFFICE, GEN	267	19.4
FOOD SCIENCES/ENGINEERING	7	17.1			
FORESTRY & RELATED SCI	16	20.4	MARKETING & DISTRIBUTION	(586)	(19.9)
HORTICULTURE/ORNMENTAL HORT	13	19.5	FASHION MERCHANDISING	148	18.5
NATURAL RESOURCES MGMT	4	18.3	RETAILING & SALES	33	18.3
AGRICULTURE & AG TECH, GEN	608	18.1	TRAVEL SERVICES & TOURISM	11	16.2
			MARKETING & DISTRIB, GEN	394	20.6
ARCH & ENVIR DESIGN	(1543)	(20.1)			
ARCHITECTURAL DRAFTING	195	18.3	COMMUNICATIONS & COMM TECH	(2054)	(20.8)
ARCHITECTURE	298	21.5	ADVERTISING	149	21.7
BLDG CON/CONSTRUCTION SCI	35	19.0	GRAPHIC/COMMERCIAL ART	87	19.2
CITY, COMM & REG PLANNING	8	21.4	GRAPHIC & PRINT COMMUNIC	12	19.7
ENVIRONMENTAL DESIGN	11	21.3	JOURNALISM	345	22.1
INTERIOR DESIGN	279	19.3	PHOTO/FILM/VIDEO TECH	121	18.7
LANDSCAPE ARCHITECTURE	42	19.2	PUBLIC RELATIONS	101	22.0
ARCHI & ENVIR DESIGN, GEN	675	20.5	RADIO/TV BROADCASTING	301	18.9
			RADIO/TV PRODUCTN & TECH	40	19.7
BUSINESS & MGMT	(5963)	(19.9)	COMMUNIC & COMM TECH, GEN	898	21.2
ACCOUNTING	654	19.5			
BANKING & FINANCE	193	20.8	COMMNTY & PRSNL SVCS	(1888)	(17.5)
BUSINESS ADMIN & MGMT	781	18.5	CORRECTIONS	6	18.0
BUSINESS ECONOMICS	73	21.4	COSMETOLOGY/HAIRSTYLING	102	15.6
CONTRACT MGMT & PURCHSING	4	18.0	CRIMINAL JUSTICE/CRIMINOL	886	17.7
HOTEL/RESTAURANT MGMT	113	18.8	FIRE PROTECTN/SAFETY TECH	45	17.0
HUMAN RESOURCE DEVEL/TRNG	15	17.9	FUNERAL SVCS/MORTUARY SCI	16	16.8
INSTITUTIONAL MANAGEMENT	1	23.0	LAW ENFORCEMENT & ADMIN	238	16.5
INSURANCE & RISK MGMT	14	17.5	LIBRARY SCI/LIB ASSISTING	10	23.9
INTERNATL BUSINESS/MGMT	265	20.8	MILITARY SCIENCE/TECH	28	20.0
LABOR/INDUSTRL RELATIONS	2	21.0	PARKS & RECREATION	10	19.2
MANAGEMENT INFO SYSTEMS	26	20.1	PUBLIC ADMINISTRATION	7	18.3
MANAGEMENT SCIENCE	5	19.8	PUBLIC AFFAIRS	8	18.1
MARKETING MGMT & RESEARCH	129	20.5	SOCIAL WORK	136	18.2
ORGANIZATIONAL BEHAVIOR	3	16.0	COMMNTY & PRSNL SVCS, GEN	396	17.7
PERSONNEL MANAGEMENT	12	19.0			
REAL ESTATE	91	17.5			
SML BUSINESS MGMT/OWNRSHIP	183	18.6			
TRADE & INDUSTRIAL MGMT	5	17.4			
TRANSPORTATION MANAGEMENT	4	16.8			
BUSINESS & MGMT, GEN	3390	20.3			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(1540)	(20.1)	ENGINEERING	(2789)	(21.6)
COMPUTER PROGRAMMING	512	19.6	AEROSPACE ENGINEERING	236	23.3
COMPUTER SCIENCE	349	21.2	AGRICULTURAL ENGINEERING	29	20.1
DATA PROCESSING	13	17.8	ARCHITECTURAL ENGINEERING	46	20.7
INFO SCIENCES & SYSTEMS	40	19.6	BIOENGINEER & BIOMED ENG	115	26.4
MATH/COMPUTER SCIENCE	24	24.5	CERAMIC ENGINEERING	2	13.5
COMPUTER & INFO SCI, GEN	602	19.8	CHEMICAL ENGINEERING	115	23.1
CROSS-DISC STUDIES	(79)	(23.8)	CIVIL ENGINEERING	137	21.3
AREA & ETHNIC STUDIES	11	21.5	COMPUTER ENGINEERING	184	18.8
LIBERAL ARTS/GEN STUDIES	31	24.1	CONSTRUCTION ENG/MGMT	27	18.2
MULTI-/INTERDISC STUDIES	11	27.2	ELECTRCL & ELECTRONIC ENG	180	21.2
CROSS-DISC STUDIES, GEN	26	22.8	ENGINEERING MANAGEMENT	3	14.3
EDUCATION	(2758)	(19.4)	ENGINEERING PHYSICS	17	24.7
ADULT & CONTINUING EDUC	9	20.2	ENGINEERING SCIENCE	10	22.5
EDUCATION ADMINISTRATION	33	18.2	ENVIRONMENTAL HEALTH ENG	4	24.0
ELEMENTARY EDUCATION	843	19.0	GEOLOGICAL & GEOPHYS ENG	4	18.3
JR HIGH/MIDDLE SCH EDUC	121	17.5	INDUSTRIAL ENGINEERING	23	18.6
PRE-ELEMENTARY EDUCATION	131	17.5	MATERIALS ENGINEERING	1	29.0
SECONDARY EDUCATION	281	20.8	MECHANICAL ENGINEERING	400	21.5
STUDENT COUNSELING	43	17.9	METALLURGICAL ENGINEERING	2	18.5
TEACHER AIDE	8	15.3	MINING & MINERAL ENG	0	0.0
EDUCATION, GENERAL	1289	19.8	NAVAL ARCHIT & MARINE ENG	4	22.3
TEACHER EDUCATION	(1984)	(18.8)	NUCLEAR ENGINEERING	22	21.1
AGRICULTURAL EDUCATION	36	19.9	OCEAN ENGINEERING	5	20.0
ART EDUCATION	33	18.1	PETROLEUM ENGINEERING	43	22.3
BUSINESS EDUCATION	7	18.3	SYSTEMS ENGINEERING	4	22.5
ENGLISH EDUCATION	83	20.5	ENGINEERING, GENERAL	1176	21.4
FOREIGN LANGUAGES EDUC	31	16.7	ENGINEERING-RELATED TECH	(1710)	(21.5)
HEALTH EDUCATION	15	16.5	AERONAUTICAL TECHNOLOGY	146	23.7
HUMAN, FAM/CONS SCI EDUC	8	18.9	AC, HEATING, REFRIG TECH	9	14.1
INDUSTRIAL ARTS EDUCATION	2	18.0	ARCHITECTURAL DESIGN TECH	71	20.5
MATHEMATICS EDUCATION	92	20.0	BIOMEDICAL EQUIPMENT TECH	22	23.2
MUSIC EDUCATION	171	20.3	CIVIL ENGINEERING TECH	45	22.4
PHYSICAL EDUCATION	402	17.2	COMPUTER ENGINEERING TECH	175	20.8
SCIENCE EDUCATION	21	20.1	CONSTRUCTION/BLDG TECH	19	19.0
SOC STUDIES/SOC SCI EDUC	66	20.0	DRAFTING & DESIGN TECH	18	19.8
SPECIAL EDUCATION	63	19.3	ELECTRICAL ENG TECHNOLOGY	94	21.1
SPEECH CORRECTION EDUC	12	19.0	ELECTRONIC ENG TECHNOLOGY	74	19.7
TEACHING ENGL AS 2ND LANG	16	18.3	ELECTROMECHAN INSTR TECH	7	17.4
TECH/TRADE & IND ED	3	14.0	ENVIRONMENTAL CONTRL TECH	4	17.5
TEACHER EDUCATION, OTHER	55	17.9	INDUSTRRL PRODUCTION TECH	6	20.5
TEACHER EDUCATION, GEN	868	18.9			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	3	17.0	HUMAN, FAMILY/CONS SCI	(585)	(18.4)
MANUFACTURING TECHNOLOGY	5	16.4	CHILD DEV, CARE, GUIDANCE	95	17.1
MECHANICAL ENG TECH	212	21.2	CHILD CARE AIDE/ASSISTING	13	15.3
MINING & PETROLEUM TECH	8	23.0	CULINARY ARTS	113	18.0
OCCUPATL SFTY & HLTH TECH	0	0.0	FAMILY/CONS RESOURCE MGMT	4	17.8
SURVEYING & MAPPING TECH	3	20.7	FASHION DESIGN	87	18.5
ENGINEERING TECH, OTHER	44	20.6	FOOD PRODUCTN, MGMT, SVCS	14	16.1
ENGINEER-RELATD TECH, GEN	745	21.9	FOOD SCI & NUTR/DIETETICS	49	20.7
			HUMAN ENVIRON & HOUSING	5	17.8
FOREIGN LANGUAGES	(215)	(21.6)	INDIVIDUAL & FAMILY DEVEL	8	19.6
ASIATIC LANGUAGES	20	23.7	TEXTILES AND CLOTHING	10	20.2
CLASSICAL LANGUAGES	4	28.3	HUMAN, FAM/CONS SCI, GEN	187	19.0
FRENCH	13	23.1			
GERMAN	10	21.8	LETTERS	(223)	(24.2)
ITALIAN	1	17.0	CLASSICS	4	28.5
MIDDLE EASTERN LANGUAGES	4	20.3	COMPARATIVE LITERATURE	1	31.0
RUSSIAN	2	23.0	CREATIVE WRITING	78	23.9
SPANISH	70	19.3	ENGLISH, GENERAL	64	24.8
FOREIGN LANGUAGES, OTHER	14	20.7	LINGUISTICS	7	22.0
FOREIGN LANGUAGES, GEN	77	22.9	LITERATURE, ENGLISH/AMER	29	23.6
			SPEECH & RHETORICAL STUDY	2	19.5
HEALTH SCI & ALLIED HLTH	(12893)	(19.5)	LETTERS, GENERAL	38	24.3
CHIROPRACTIC	57	19.3			
DENTAL ASSISTING	51	16.2	MATHEMATICS	(307)	(22.6)
DENTAL HYGIENE	184	17.7	ACTUARIAL SCIENCES	13	24.7
DENTAL LAB/TECHNOLOGY	10	18.3	APPLIED MATHEMATICS	36	22.2
DENTISTRY	323	19.9	STATISTICS	7	26.1
EMERG MED TECH/PARAMEDIC	62	17.8	MATHEMATICS, GENERAL	251	22.4
HEALTH CARE ADMIN	48	17.6			
MEDICAL/SURG ASSISTING	222	17.5	PHILOS, RELIG & THEOLOGY	(416)	(22.3)
MEDICAL LAB/TECHNOLOGY	109	18.4	BIBLE STUDIES	40	22.1
MED RECORDS ADMIN/TECH	18	17.7	PHILOSOPHY	38	24.4
MEDICINE	1962	21.7	RELIGION	49	22.2
MNTL HLTH & HUM SVCS/TECH	47	17.4	RELIGIOUS EDUCATION	39	21.8
NUCLEAR MEDICINE TECH	22	18.4	RELIGIOUS MUSIC	14	22.2
NURSING (PRACTICAL)	331	16.2	THEOLOGY	45	21.5
NURSING (REGISTERED)	2151	18.0	PHILOS, RELIG & THEOL, GEN	191	22.2
OCCUPATNL THERAPY/ASSIST	87	18.4			
OPTOMETRY	100	20.0			
PHARMACY	726	20.0			
PHYSICIAN ASSISTING	118	19.7			
PHYSICAL THERAPY/ASSIST	852	18.9			
RADIOLOGY/RADIOLOGIC TECH	334	17.6			
REC/ART/MUSIC THERAPY	15	20.4			
RESPIRATORY THERAPY/TECH	23	17.6			
SPEECH PATHOL/AUDIOLOGY	43	20.4			
VETERINARIAN ASSISTING	55	16.8			
VETERINARY MEDICINE	412	20.5			
HEALTH SCI & ALLIED, GEN	4531	19.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	2885)	(22.5)	VISUAL/PERFORM ARTS	(3309)	(20.4)
ASTRONOMY	49	19.8	APPLIED DESIGN/CRAFTS	21	19.8
ATMOSPHER SCI & METEOROL	78	22.2	ART	193	20.0
BIOCHEMISTRY & BIOPHYSICS	198	24.3	ART HIST & APPRECIATION	23	22.0
BIOLOGY	1004	22.5	CINEMATOGRAPHY/FILM/VIDEO	232	21.2
BOTANY	4	19.3	DANCE	106	19.0
CHEMISTRY	205	23.0	DESIGN, GENERAL	128	20.3
EARTH SCIENCE	13	20.5	DRAMA/THEATRE ARTS	335	21.0
ECOLOGY/ENV STUDIES	32	22.6	FINE ARTS, GENERAL	47	21.5
GEOLOGY	20	23.8	GRAPHIC ARTS TECHNOLOGY	83	21.3
MICROBIOLOGY	73	23.1	GRAPHIC DESIGN	212	20.4
OCEANOGRAPHY	88	19.4	MUSIC (LIBERAL ARTS)	124	21.1
PHYSICS	81	25.6	MUSIC PERFORMANCE	404	20.9
ZOOLOGY	129	21.4	MUSIC THEORY & COMPOSIT	117	20.8
SCIENCES (BIO & PHYS), GEN	911	22.4	PHOTOGRAPHY	176	18.3
			VISUAL/PERFORM ARTS, GEN	1108	20.2
SOCIAL SCIENCES (	4277)	(21.0)	UNDECIDED	(5804)	(20.3)
ANTHROPOLOGY	65	23.1			
ECONOMICS	19	24.3			
GEOGRAPHY	6	23.0			
HISTORY	272	22.7			
INTERNATIONAL RELATIONS	111	25.0			
LAW	880	20.0			
PARALEGAL/LEGAL ASSISTING	36	17.3			
POLITICAL SCI/GOVERNMENT	348	23.1			
PSYCHOLOGY	1548	20.5			
SOCIOLOGY	72	20.0			
URBAN STUDIES	3	18.7			
SOCIAL SCIENCES, GENERAL	917	21.1			
TRADE & INDUSTRIAL (	432)	(17.6)			
AIRCRAFT TECHNICIAN	8	18.8			
AIRPLANE PILOTING & NAVIG	65	19.8			
AUTOMOTIVE BODY REPAIR	38	16.1			
AUTOMOTIVE TECHNOLOGY	71	17.3			
AVIATION MANAGEMENT	6	18.5			
COMPUTER ELECTRNCS/REPAIR	14	16.9			
CONSTRCT TRADES & CARPENT	3	19.0			
DIESEL MECHANICS & TECH	29	16.4			
DRAFTING	2	19.0			
ELECTRICAL EQUIP REPAIR	16	17.1			
HEATING, AC, REFRIG MECH	5	17.0			
MACHINE TECHNOLOGY	3	16.7			
MECHANICAL DRAFTING	2	15.0			
WELDING & WELDING TECH	36	16.3			
TRADE & INDUSTRIAL, GEN	134	17.7			

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)	224	15.7	139	15.8	84	15.4	36	14.4	188	15.9
BUSINESS OPER (04-05)	312	15.8	188	16.1	110	15.3	121	15.5	186	16.0
TECHNICAL (06-07)	659	16.1	405	16.4	227	15.5	413	16.3	243	15.7
SCIENCE & TECH (08-09)	445	16.5	258	17.2	171	15.6	212	16.6	232	16.5
ARTS (10-11)	209	17.0	125	17.9	78	15.7	71	16.6	136	17.3
SOCIAL SERVICE (12-01)	235	16.2	138	16.6	91	15.5	56	16.2	179	16.2
OTHER*	906	15.7	519	16.1	345	15.2	354	15.5	551	15.9
TOTAL	2990	16.1	1772	16.5	1106	15.4	1263	16.0	1715	16.1
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	6415	20.0	4936	20.3	1339	18.7	1907	20.4	4461	19.8
BUSINESS OPER (04-05)	4063	19.9	3055	20.3	907	18.3	1848	19.7	2181	20.0
TECHNICAL (06-07)	6453	19.9	4910	20.3	1374	18.2	3932	20.0	2475	19.7
SCIENCE & TECH (08-09)	8318	21.1	6452	21.6	1626	19.5	3849	21.3	4409	21.0
ARTS (10-11)	6237	21.4	4879	21.8	1188	19.8	1865	21.6	4314	21.3
SOCIAL SERVICE (12-01)	7087	20.6	5410	21.0	1465	19.3	2009	20.6	5016	20.6
OTHER*	19303	20.4	13511	20.8	4041	19.0	8362	20.6	10757	20.3
TOTAL	57876	20.5	43153	20.9	11940	19.0	23772	20.6	33613	20.4

* 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	21713	3.35	3.21	3.45	3.27	3.32	0.50
FEMALE	31823	3.52	3.27	3.53	3.36	3.43	0.45
NO RESPONSE	388	3.45	3.18	3.51	3.30	3.36	0.46
AFRICAN-AMERICAN/BLACK	7414	3.24	2.94	3.28	3.08	3.15	0.47
CAUCASIAN-AMERICAN/WHITE	26225	3.57	3.38	3.62	3.46	3.51	0.43
OTHER MINORITY	16788	3.35	3.17	3.41	3.23	3.29	0.47
MISSING/PREFER NO RESP	3497	3.46	3.24	3.50	3.33	3.38	0.48
TOTAL	53924	3.45	3.24	3.50	3.33	3.38	0.47

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 63, THIS MEANS THAT 63% 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 56 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	7	99
35	64	99
34	153	99
33	275	99
32	493	99
31	711	99
30	1054	98
29	1282	96
28	1738	94
27	2127	92
26	2741	89
25	3202	85
24	3787	81
23	4299	76
22	4731	70
21	5378	63 <-- 63% OF THE STUDENTS SCORE AT OR BELOW 21
20	5460	56 <-- 56% OF THE STUDENTS SCORE BELOW 21
19	5569	48
18	5877	40
17	5447	32
16	5100	25
15	4444	18
14	3330	12
13	2417	7
12	1517	4
11	674	2
10	260	1
9	105	1
8	33	1
7	14	1
6	4	1
5	1	1
4	0	1
3	0	1
2	0	1
1	0	1

