

**ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2002**

**HS GRADUATING CLASS
NATIONAL REPORT**

CODE 990-000

THE 2002 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 2002. 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	SCI REAS CORE/LESS	COMPOSITE CORE/LESS	
1997-98	606406	354306	61/ 36	21.5/18.6	22.0/18.9	22.4/19.7	22.0/19.6	22.1/19.3
1998-99	615545	367537	60/ 36	21.6/18.7	21.8/18.9	22.4/19.8	21.9/19.6	22.0/19.4
1999-00	645513	376645	61/ 35	21.5/18.8	21.8/19.0	22.4/19.8	21.9/19.7	22.0/19.5
2000-01	645258	369921	60/ 35	21.5/18.8	21.7/19.0	22.2/19.8	21.8/19.8	21.9/19.5
2001-02	643596	397544	58/ 36	21.4/18.4	21.6/18.8	22.2/19.5	21.7/19.4	21.8/19.2

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCI REAS	COMPOSITE
1997-98	995039	20.4	20.8	21.4	21.1	21.0
1998-99	1019053	20.5	20.7	21.4	21.0	21.0
1999-00	1065138	20.5	20.7	21.4	21.0	21.0
2000-01	1069772	20.5	20.7	21.3	21.0	21.0
2001-02	1116082	20.2	20.6	21.1	20.8	20.8

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCI REAS	COMPOSITE
Q3 (75TH PERCENTILE)	24.1	24.3	25.7	23.6	24.1
Q2 (50TH PERCENTILE - MEDIAN)	20.1	19.6	20.9	20.4	20.5
Q1 (25TH PERCENTILE)	16.1	16.5	16.2	17.8	17.2

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

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

	AFRI-AM/ BLACK AVERAGE	AM IND, ALSK NTV AVERAGE	CAUC-AM/ WHITE AVERAGE	MEX-AM/ CHICANO AVERAGE	ASIAN-AM, PAC ISLDR AVERAGE	P R ICAN, HISPANIC AVERAGE
CORE OR MORE	(N= 67163)	(N= 5663)	(N= 461152)	(N= 25701)	(N= 24143)	(N= 10893)
ENGLISH	17.2	19.2	22.2	18.0	21.2	19.3
USAGE/MECH	8.3	9.4	11.3	8.8	10.7	9.5
RHET SKILLS	8.8	10.0	11.5	9.3	10.9	10.0
MATHEMATICS	17.3	19.8	22.3	19.2	23.6	20.0
PRE/ELEM-ALG	8.7	10.2	12.0	9.9	12.5	10.5
ALG/CRD-GEOM	8.6	9.8	11.1	9.5	11.9	9.9
PLANE GEOM/TRIG	8.5	10.1	11.4	9.8	12.0	10.2
READING	17.5	20.5	23.1	19.2	21.9	20.3
SOC STU/SCI	8.8	10.5	11.8	9.6	11.2	10.2
ARTS/LITERATURE	8.9	10.5	12.0	9.8	11.3	10.5
SCI REASONING	17.7	20.2	22.4	19.2	21.9	19.9
COMPOSITE	17.6	20.1	22.6	19.0	22.3	20.0
LESS THAN CORE	(N= 46479)	(N= 5245)	(N= 270408)	(N= 17252)	(N= 10064)	(N= 7990)
ENGLISH	14.9	16.2	19.3	15.8	18.6	16.2
USAGE/MECH	6.9	7.7	9.5	7.4	9.2	7.6
RHET SKILLS	7.7	8.4	10.0	8.2	9.6	8.5
MATHEMATICS	15.8	17.1	19.5	17.2	21.2	17.5
PRE/ELEM-ALG	7.4	8.3	10.1	8.4	10.9	8.6
ALG/CRD-GEOM	7.7	8.4	9.6	8.4	10.6	8.6
PLANE GEOM/TRIG	7.8	8.7	10.0	8.8	10.8	8.9
READING	15.7	17.9	20.5	17.2	19.6	17.6
SOC STU/SCI	7.9	9.0	10.5	8.7	10.0	8.9
ARTS/LITERATURE	7.7	9.0	10.5	8.6	9.9	8.8
SCI REASONING	16.2	18.1	20.2	17.5	20.0	17.7
COMPOSITE	15.8	17.4	20.0	17.0	20.0	17.4
NO RESPONSE	(N= 6669)	(N= 987)	(N= 42373)	(N= 2809)	(N= 2525)	(N= 2125)

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= 120311)	(N= 11895)	(N= 773933)	(N= 45762)	(N= 36732)	(N= 21008)
ENGLISH	16.2	17.6	21.2	17.1	20.5	17.9
USAGE/MECH	7.7	8.5	10.6	8.2	10.3	8.7
RHET SKILLS	8.3	9.1	10.9	8.8	10.5	9.3
MATHEMATICS	16.7	18.4	21.3	18.4	22.9	18.9
PRE/ELEM-ALG	8.1	9.2	11.3	9.3	12.0	9.6
ALG/CRD-GEOM	8.3	9.0	10.5	9.1	11.5	9.3
PLANE GEOM/TRIG	8.2	9.4	10.9	9.4	11.7	9.6
READING	16.8	19.1	22.1	18.3	21.2	19.1
SOC STU/SCI	8.4	9.7	11.3	9.2	10.8	9.7
ARTS/LITERATURE	8.4	9.7	11.4	9.3	10.9	9.7
SCI REASONING	17.1	19.0	21.6	18.5	21.3	18.9
COMPOSITE	16.8	18.6	21.7	18.2	21.6	18.8

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	16237 20.1	3134 22.0	289113 24.4	11408 21.0	16379 24.1	4558 22.2
3.00 - 3.49	29668 17.7	2691 18.9	194488 21.1	12825 18.2	8999 20.4	5360 19.2
2.50 - 2.99	29700 16.3	2063 17.3	115516 19.2	8522 16.9	4176 18.5	3779 17.6
2.00 - 2.49	20136 15.3	1378 16.2	58574 17.9	4320 16.0	1768 17.1	2172 16.3
1.99 & BELOW	6925 14.5	565 15.1	18714 16.8	1642 15.0	567 15.6	949 14.9
CGPA PRED BY STUDENT						
3.5 - 4.0	15982 19.7	2119 22.6	209710 24.9	8215 21.4	13633 24.4	4669 22.1
3.0 - 3.4	41920 17.5	4180 19.2	299682 21.5	17564 18.6	12938 20.7	7700 19.1
2.5 - 2.9	29086 16.0	2426 17.3	129784 19.2	9122 16.9	4310 18.3	3610 17.1
2.0 - 2.4	17289 14.9	1457 15.7	56011 17.6	4588 15.6	1731 16.6	1861 15.6
1.9 & BELOW	4740 14.1	605 14.9	13242 16.4	1418 14.5	507 15.3	708 14.2
HIGH SCHOOL RANK						
TOP QUARTER	26501 19.2	3938 21.1	322168 24.1	14023 20.7	16610 24.1	5996 21.7
2ND QUARTER	42304 16.7	3915 18.0	242687 20.3	14901 17.6	10214 19.7	6708 18.2
BOTTOM HALF	36268 15.4	2609 16.4	126613 18.2	10733 16.1	5219 17.6	4880 16.4

TABLE 3 STUDENT SATISFACTION WITH VARIOUS ASPECTS OF HIGH SCHOOL EXPERIENCE

		SATISFIED		PRETTY		DISSATISFIED		NO	
		NO CHANGE		MUCH		IMPROVEMENT		EXPER-	
		NECESSARY		NEUTRAL		NEEDED		IENCE	
		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
CLASSROOM INSTRUCTION	MALE	226622	20	136185	12	42295	4	3979	0
	FEMALE	287176	26	189608	17	65229	6	3574	0
	TOTAL	516228	46	327462	29	108090	10	7622	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	209275	19	106016	9	88638	8	5206	0
	FEMALE	265566	24	128521	12	146336	13	5231	0
	TOTAL	477227	43	235730	21	236034	21	10536	1
GRADING PRACTICES & POLICIES	MALE	192848	17	143638	13	66218	6	6007	1
	FEMALE	265179	24	186955	17	87316	8	5797	1
	TOTAL	460140	41	332287	30	154351	14	11911	1
NO. & KINDS OF TESTS GIVEN	MALE	184440	17	168342	15	50386	5	5350	0
	FEMALE	235382	21	226887	20	77927	7	4796	0
	TOTAL	421820	38	397196	36	128980	12	10237	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	202643	18	114236	10	72443	6	19060	2
	FEMALE	258583	23	138099	12	127578	11	20484	2
	TOTAL	463491	42	253595	23	201015	18	39748	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	146912	13	130195	12	122026	11	9114	1
	FEMALE	191377	17	173395	16	171764	15	7991	1
	TOTAL	339991	30	305060	27	295216	26	17232	2
LIBRARY OR LEARNING CENTER	MALE	208946	19	129415	12	59014	5	10947	1
	FEMALE	279824	25	168393	15	83889	8	12612	1
	TOTAL	491221	44	299265	27	143575	13	23701	2
LABORATORY FACILITIES	MALE	185801	17	134446	12	71102	6	16923	2
	FEMALE	230914	21	183486	16	104498	9	25635	2
	TOTAL	418870	38	319473	29	176406	16	42772	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	147030	13	124530	11	42865	4	93752	8
	FEMALE	191391	17	153834	14	68959	6	130319	12
	TOTAL	340236	30	279772	25	112399	10	224988	20
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	214371	19	114706	10	42195	4	37047	3
	FEMALE	298234	27	140070	13	64808	6	41531	4
	TOTAL	515212	46	256046	23	107460	10	78962	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	162743	15	144732	13	68779	6	31216	3
	FEMALE	205426	18	179794	16	115827	10	42397	4
	TOTAL	370113	33	326077	29	185460	17	73960	7

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES
FOR ALL STUDENTS (NUMBER OF STUDENTS = 1116082)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCI REASONING		ACT COMPOSITE	
	FREQ	PB	FREQ	PB	FREQ	PB	FREQ	PB	FREQ	PB
36	1163	99	1182	99	6877	99	2906	99	134	99
35	3772	99	3745	99	12092	99	2643	99	1072	99
34	8272	99	6945	99	11925	98	4725	99	2770	99
33	9198	99	6072	99	16124	97	2896	99	5272	99
32	6985	98	9499	98	17963	96	8410	99	8465	99
31	15864	97	13054	98	21580	94	9196	98	12991	98
30	22912	96	17977	96	25519	92	6135	97	19048	97
29	29486	94	25532	95	33294	90	18980	97	24578	96
28	31686	91	34138	92	38087	87	23757	95	32768	93
27	33165	88	42363	89	43545	84	38367	93	40772	90
26	41306	85	48849	86	62467	80	35879	89	48944	87
25	55941	82	58364	81	51335	74	72099	86	57455	82
24	54033	77	54026	76	47980	69	59121	80	66026	77
23	58734	72	57403	71	54391	65	94173	74	72754	71
22	68685	67	60073	66	73545	60	97140	66	79675	65
21	80364	60	55070	61	70989	54	74331	57	85296	58
20	81623	53	68679	56	61275	47	109182	51	86854	50
19	80501	46	77007	50	58747	42	108124	41	84638	42
18	64174	39	95238	43	53329	37	98698	31	82468	35
17	64820	33	104243	34	61432	32	65666	22	75469	27
16	56341	27	101129	25	47669	26	55892	16	67180	20
15	65925	22	81804	16	61728	22	32125	11	56137	14
14	40628	16	54984	8	53054	17	34712	9	44246	9
13	33940	13	25674	3	51249	12	23969	5	31955	5
12	28844	10	9052	1	43243	7	14929	3	19016	3
11	23630	7	2944	1	21884	3	12686	2	7725	1
10	19868	5	676	1	8378	1	5381	1	1806	1
9	18228	3	214	1	3075	1	2404	1	405	1
8	10738	1	25	1	1624	1	963	1	111	1
7	3737	1	70	1	786	1	318	1	31	1
6	1109	1	14	1	427	1	163	1	10	1
5	296	1	21	1	271	1	67	1	6	1
4	72	1	1	1	117	1	6	1	4	1
3	27	1	13	1	43	1	30	1	0	1
2	9	1	0	1	30	1	0	1	1	1
1	6	1	2	1	8	1	9	1	0	1

NUMBER AND PERCENTAGE OF STUDENTS IN THE STANDARDS FOR TRANSITION SCORE RANGES

33-36	22405	2	17944	2	47018	4	13170	1	9248	1
28-32	106933	10	100200	9	136443	12	66478	6	97850	9
24-27	184445	17	203602	18	205327	18	205466	18	213197	19
20-23	289406	26	241225	22	260200	23	374826	34	324579	29
16-19	265836	24	377617	34	221177	20	328380	29	309755	28
01-15	247057	22	175494	16	245917	22	127762	11	161453	14
AVG(SD)	20.2(5.8)		20.6(5.0)		21.1(6.1)		20.8(4.6)		20.8(4.8)	

NOTE: PB IS THE PERCENT OF STUDENTS AT OR BELOW EACH SCORE POINT.

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1116082)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	PB	FREQ	PB	FREQ	PB	FREQ	PB	
18	14847	99	6495	99	13574	99	30660	99	18
17	41880	99	20316	99	53143	99	60927	97	17
16	36433	95	28374	98	50682	94	65898	92	16
15	57725	92	69417	95	72355	89	76662	86	15
14	64922	86	61599	89	86591	83	81405	79	14
13	75932	81	92434	83	76970	75	89987	72	13
12	84114	74	118256	75	83982	68	93879	64	12
11	105262	66	139349	64	108021	61	94202	55	11
10	123859	57	140986	52	148841	51	94519	47	10
9	108572	46	145220	39	104660	38	90889	38	9
8	100445	36	105089	26	129050	28	76437	30	8
7	100963	27	78330	17	73388	17	79928	23	7
6	72445	18	46586	10	51096	10	73364	16	6
5	60684	12	33455	6	26810	6	59925	10	5
4	40129	6	22348	3	20941	3	32419	4	4
3	21588	2	6501	1	11195	1	9912	1	3
2	5634	1	1211	1	3486	1	4575	1	2
1	648	1	116	1	1297	1	494	1	1
AVERAGE		10.0		10.4		10.7		10.8	
S.D.		3.7		3.1		3.5		3.9	

STD SCORE	PRE/ELEM		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	PB	FREQ	PB	FREQ	PB	
18	30782	99	9637	99	8423	99	18
17	41036	97	8179	99	4593	99	17
16	50053	94	16968	98	38462	99	16
15	64435	89	44611	97	46657	95	15
14	80715	83	69151	93	83472	91	14
13	101757	76	77368	87	96271	84	13
12	89317	67	125701	80	104221	75	12
11	105681	59	125743	68	148670	66	11
10	101805	49	170141	57	158317	52	10
9	103321	40	165278	42	168789	38	9
8	118034	31	115655	27	107649	23	8
7	119363	21	77287	17	67647	13	7
6	62716	10	48361	10	26461	7	6
5	30990	4	35786	6	27307	5	5
4	10121	1	13417	2	7846	3	4
3	4539	1	8793	1	13949	2	3
2	1251	1	1127	1	4734	1	2
1	166	1	2879	1	2614	1	1
AVERAGE		10.8		10.1		10.5	
S.D.		3.5		2.9		2.9	

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCI REASONING		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	485797	19.7	5.8	21.2	5.3	20.9	6.3	21.3	4.9	20.9	5.0
FEMALES	623128	20.6	5.7	20.1	4.8	21.3	6.1	20.4	4.3	20.7	4.7
NO GENDER	7157	19.6	5.6	20.4	4.9	20.9	6.0	20.4	4.4	20.5	4.7

PERCENT OF STUDENTS IN STANDARDS FOR TRANSITION SCORE RANGES BY GENDER

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

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	177046	18	23.2	5307	12	7353	11	135668	22	28718	11
GOOD	405406	42	21.2	17243	38	25791	38	261204	43	101168	40
AVERAGE	235272	24	19.3	12934	29	21325	31	121876	20	79137	31
BELOW AVERAGE	56209	6	19.0	3598	8	5912	9	26819	4	19880	8
VERY INADEQUATE	70881	7	19.9	4465	10	5984	9	43059	7	17373	7
NO RESPONSE	30725	3	21.0	1468	3	1904	3	19549	3	7804	3
NO. OF STUDENTS	975539			45015		68269		608175		254080	

TABLE 8 AVERAGE ACT SCORES AND STANDARD DEVIATIONS BY COURSE PATTERNS AND HIGH SCHOOL GPA RANGES

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCI REASONING		COMPOSITE	
		AVG	SD	AVG	SD	AVG	SD	AVG	SD	AVG	SD
ALL GRADUATES	1116082	20.2	5.8	20.6	5.0	21.1	6.1	20.8	4.6	20.8	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	643596	21.4	5.5	21.6	5.0	22.2	6.0	21.7	4.5	21.8	4.7
In between	265265	18.9	5.5	19.1	4.6	19.9	5.9	19.7	4.3	19.5	4.5
E4, M2, SS2, NS2	132279	17.4	5.7	18.3	4.6	18.8	5.9	18.8	4.5	18.5	4.6
No Response	74942	19.6	6.1	20.4	5.2	20.7	6.4	20.3	4.8	20.4	5.0
HS GPA RANGES											
3.50 - 4.00	367390	23.8	5.1	23.9	4.8	24.5	5.7	23.4	4.3	24.0	4.3
3.00 - 3.49	275811	19.9	4.9	20.1	4.3	20.8	5.5	20.5	3.9	20.5	4.0
2.50 - 2.99	179274	17.7	4.7	18.1	3.6	18.7	5.2	18.9	3.8	18.5	3.7
2.00 - 2.49	98233	16.1	4.5	16.9	3.1	17.2	4.9	17.7	3.7	17.1	3.4
1.99 & below	34208	14.7	4.4	16.0	2.8	16.0	4.6	16.7	3.7	16.0	3.3

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
(TOTAL)

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	367514	3.34	20.7	21.2
ENG 9, ENG 10, ENG 11, ENG 12	593383	3.20	20.2	20.8
LESS THAN 4 YEARS OF ENGLISH	78418	2.97	18.2	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	76767	- . . .	19.6	20.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	64094	3.52	24.6	24.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	95149	3.26	22.1	22.4
ALG 1, ALG 2, GEOM, TRIG	102140	3.05	20.3	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	134038	3.06	20.2	20.7
ALG 1, ALG 2, GEOM	217166	2.63	17.7	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	243645	3.44	23.9	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	55813	3.04	20.0	20.3
LESS THAN 3 YEARS OF MATH	122578	2.39	16.7	17.2
NO MATH COURSE/GRADE INFORMATION REPORTED	81459	- . . .	20.3	20.3
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	29167	3.39	22.2	21.8
US HIST, WORLD HIST, AM GOVT	66313	3.21	20.7	20.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	439305	3.43	21.7	21.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	337678	3.30	21.2	20.9
LESS THAN 3 YEARS OF SOC SCI	162936	3.10	19.8	19.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	80683	- . . .	20.6	20.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	317028	3.40	22.2	22.4
BIOLOGY, CHEMISTRY, PHYSICS	116608	3.34	23.0	23.5
GEN SCIENCE, BIOLOGY, CHEMISTRY	334775	3.09	20.1	20.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	32340	3.12	20.6	20.4
LESS THAN 3 YEARS OF NAT SCI	232879	2.85	18.8	18.5
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	82452	- . . .	20.2	20.3

HS GRADUATING CLASS
NATIONAL REPORTTABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR MALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	154454	3.19	20.3	21.4
ENG 9, ENG 10, ENG 11, ENG 12	252407	3.04	19.7	20.9
LESS THAN 4 YEARS OF ENGLISH	39763	2.82	17.7	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	39173	- . . .	18.9	20.2
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	28770	3.48	25.4	24.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	34034	3.18	22.8	22.4
ALG 1, ALG 2, GEOM, TRIG	41455	2.97	21.0	20.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	48637	2.97	20.8	20.7
ALG 1, ALG 2, GEOM	87800	2.55	18.1	18.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	120065	3.40	24.6	23.7
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	26983	2.95	20.5	20.4
LESS THAN 3 YEARS OF MATH	56633	2.32	17.0	17.1
NO MATH COURSE/GRADE INFORMATION REPORTED	41420	- . . .	20.6	20.1
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	14411	3.31	21.8	21.8
US HIST, WORLD HIST, AM GOVT	31843	3.14	20.5	20.6
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	179334	3.37	21.5	21.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	141708	3.23	20.9	21.0
LESS THAN 3 YEARS OF SOC SCI	77173	3.02	19.6	19.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	41328	- . . .	20.2	20.2
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	150519	3.36	22.9	22.7
BIOLOGY, CHEMISTRY, PHYSICS	51804	3.30	23.9	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	123667	2.97	20.4	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	17549	3.09	21.2	20.6
LESS THAN 3 YEARS OF NAT SCI	100152	2.74	18.9	18.2
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	42106	- . . .	20.5	20.2

TABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	211205	3.44	21.1	21.1
ENG 9, ENG 10, ENG 11, ENG 12	337765	3.31	20.5	20.7
LESS THAN 4 YEARS OF ENGLISH	37959	3.13	18.6	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	36199	- . . .	20.3	20.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	34957	3.56	24.0	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	60669	3.30	21.8	22.4
ALG 1, ALG 2, GEOM, TRIG	60068	3.10	19.9	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	84662	3.10	19.9	20.7
ALG 1, ALG 2, GEOM	128072	2.69	17.4	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	122447	3.48	23.1	23.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	28522	3.11	19.6	20.3
LESS THAN 3 YEARS OF MATH	65138	2.44	16.5	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	38593	- . . .	19.9	20.4
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	14600	3.46	22.5	21.8
US HIST, WORLD HIST, AM GOVT	34105	3.28	20.8	20.3
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	257684	3.47	21.8	21.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	194238	3.35	21.3	20.7
LESS THAN 3 YEARS OF SOC SCI	84583	3.17	20.1	19.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	37918	- . . .	21.1	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCI REAS	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	164932	3.44	21.6	22.2
BIOLOGY, CHEMISTRY, PHYSICS	64186	3.38	22.3	23.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	209259	3.17	19.9	20.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	14589	3.17	19.8	20.1
LESS THAN 3 YEARS OF NAT SCI	131305	2.94	18.7	18.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	38857	- . . .	19.9	20.5

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	19194	18.6	35	48	3	3	1	1	2	2
ARCH & ENVIR DESIGN	24660	20.7	37	48	3	3	2	2	3	3
BUSINESS & MGMT	98361	20.4	32	52	12	12	9	8	10	10
BUSINESS & OFFICE	8017	18.7	27	54	1	1	1	1	1	1
MARKETING & DISTRIBUTION	7253	19.8	28	53	0	1	1	1	1	1
COMMUNICATION & COMM TEC	39674	21.3	34	50	3	3	5	5	4	4
COMMUNITY & PRSNL SVCS	28626	18.6	45	44	3	3	3	4	3	4
COMPUTER & INFO SCI	44229	21.1	40	49	9	8	2	2	5	4
CROSS-DISC STUDIES	1368	23.5	20	47	0	0	0	0	0	0
EDUCATION	53119	20.3	46	43	2	2	8	8	6	6
TEACHER EDUCATION	32022	20.1	44	45	3	3	4	5	3	4
ENGINEERING	52194	22.1	34	52	11	10	2	2	5	5
ENGINEERING-RELATED TECH	24961	21.5	34	52	5	6	1	1	3	3
FOREIGN LANGUAGES	4037	23.1	35	47	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	168885	20.5	49	42	9	10	24	26	18	19
HUMAN, FAMILY/CONS SCI	10371	18.7	41	44	0	0	2	2	1	1
LETTERS	6168	24.4	30	51	0	0	1	1	1	0
MATHEMATICS	4085	24.1	25	51	1	0	0	0	0	0
PHILOS, RELIG & THEOL	6978	22.4	46	40	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	44242	23.2	35	50	4	4	5	4	5	4
SOCIAL SCIENCES	83259	21.8	39	48	6	6	11	10	9	8
TRADE & INDUSTRIAL	12861	18.5	44	42	3	4	0	0	1	2
VISUAL & PERFORM ARTS	63305	20.8	44	43	6	7	7	8	7	7
UNDECIDED	112331	20.9	7	14	13	12	11	9	12	11
NO RESPONSE	165882									

NUMBER OF STUDENTS - 1116082

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	113284	18.0	10	AFRICAN-AMER/BLACK	120311	16.8	11
COLL PREP	608175	22.1	54	AM INDIAN,ALASKAN NTV	11895	18.6	1
OTHER/GENERAL/NO RESP	394623	19.6	35	CAUCASIAN-AMER/WHITE	773933	21.7	69
				MEXICAN-AMER/CHICANO	45762	18.2	4
REQUEST ASSISTANCE WITH				ASIAN-AMER,PACIFIC ISL	36732	21.6	3
ED/OCCUP PLANS	429160	20.9	38	PUERTO RICAN,HISPANIC	21008	18.8	2
EXPR IDEAS IN WRITING	224188	19.3	20	OTHER	16833	19.2	2
READING/COMPREHENSION	278390	19.1	25	MULTIRACIAL	16729	20.9	1
STUDY SKILLS	421823	19.4	38	PREFER NOT TO RESPOND	32018	21.7	3
MATH SKILLS	406211	19.0	36	NO RESPONSE	40861	19.5	4
PERSONAL CONCERNS	113623	19.2	10				
				ESTIMATED FAMILY INCOME			
EXPRESSED FIN NEED				LESS THAN \$18,000	82556	17.8	7
NEED FINANCIAL AID	831000	20.8	74	ABOUT \$18,000-\$24,000	68698	18.6	6
NEED TO FIND WORK	708086	20.5	63	ABOUT \$24,000-\$30,000	67490	19.4	6
				ABOUT \$30,000-\$36,000	68463	19.9	6
SPECIAL COLLEGE PROG				ABOUT \$36,000-\$42,000	75411	20.4	7
INDEP STUDY	423704	21.5	38	ABOUT \$42,000-\$50,000	89251	20.8	8
HONORS COURSES	326386	23.3	29	ABOUT \$50,000-\$60,000	102554	21.3	9
				ABOUT \$60,000-\$80,000	138386	21.8	12
ADV PLACEMENT IN COLL				ABOUT \$80,000-\$100,000	89785	22.4	8
ENGLISH	291879	22.6	26	MORE THAN \$100,000	106692	23.3	10
MATH	261334	23.0	23	NO RESPONSE	226796	20.6	20
SOCIAL STUDIES	265857	22.5	24				
NATURAL SCIENCE	232441	22.6	21	HS CLASS RANK			
FOREIGN LANG	206888	22.0	19	TOP QTR	418214	23.6	37
				2ND QTR	345317	19.6	31
MAX YEARLY COLL TUITION				3RD QTR	176062	17.6	16
\$1000 & UNDER	43079	16.7	4	4TH QTR	26375	16.5	2
\$1001 - \$2000	53307	18.0	5	NO RESPONSE	150114	20.1	13
\$2001 - \$4000	120657	19.4	11				
\$4001 - \$7500	149370	20.6	13	EDUC DEG ASPIRATION			
\$7501 & OVER	58313	21.3	5	VOC-TECH	16238	16.7	1
NO PREFERENCE	530870	21.8	48	2YR COL DEGREE	52336	17.0	5
NO RESPONSE	160486	20.4	14	BACHELORS DEGREE	370674	20.1	33
				GRAD STUDY	208007	22.4	19
MOST RECENTLY TESTED				PROF LEVEL DEGREE	309081	22.0	28
SOPHOMORE	7649	20.9	1	OTHER	34433	18.1	3
JUNIOR	407717	21.4	37	NO RESPONSE	125313	20.0	11
SENIOR	669038	20.3	60				
OTHER/NO RESPONSE	31678	21.6	3	NUMBER OF STUDENTS			
				HOME SCHOOLED	6185	22.5	1
COLLEGE CORE PREPARATION				EARNED A GED	1089	19.3	0
CORE OR MORE	643596	21.8	58	ALL STUDENTS	1116082	20.8	100
LESS THAN CORE	397544	19.2	36				
NO RESPONSE	74942	20.4	7				

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	(19194)	(18.6)	BUSINESS & OFFICE	(8017)	(18.7)
AGRICULTURAL BUSINESS	1097	18.9	BOOKKEEPING/ACCT TECH	874	19.0
AGRICULTURAL ECONOMICS	172	19.2	BUSINESS DP/COMPUTER OPER	521	17.4
AGRICULTURAL MECHANICS	375	17.2	COURT REPORTING	120	16.9
AGRI PRODUCTION/TECH	246	18.8	OFFICE SUPERVISION & MGMT	469	18.6
AGRONOMY	246	19.7	SECRETARIAL	813	17.2
ANIMAL SCIENCES	1886	20.2	TYPING & GENERAL OFFICE	196	16.3
FARM & RANCH MANAGEMENT	663	18.4	WORD PROCESSING	64	15.8
FISH, GAME, WILDLIFE MGMT	2945	18.8	BUSINESS & OFFICE, GEN	4960	19.3
FOOD SCIENCES/ENGINEERING	207	19.5			
FORESTRY & RELATED SCI	1058	18.9	MARKETING & DISTRIBUTION	(7253)	(19.8)
HORTICULTURE/ORNMENTAL HORT	449	19.4	FASHION MERCHANDISING	1999	19.1
NATURAL RESOURCES MGMT	301	19.8	RETAILING & SALES	610	18.9
AGRICULTURE & AG TECH, GEN	9549	18.2	TRAVEL SERVICES & TOURISM	339	17.5
			MARKETING & DISTRIB, GEN	4305	20.5
ARCH & ENVIR DESIGN	(24660)	(20.7)			
ARCHITECTURAL DRAFTING	4656	19.9	COMMUNICATIONS & COMM TECH	(39674)	(21.3)
ARCHITECTURE	3795	22.4	ADVERTISING	2443	21.3
BLDG CON/CONSTRUCTION SCI	926	18.1	GRAPHIC/COMMERCIAL ART	2402	19.9
CITY, COMM & REG PLANNING	124	19.3	GRAPHIC & PRINT COMMUNIC	421	19.0
ENVIRONMENTAL DESIGN	154	19.3	JOURNALISM	6636	22.6
INTERIOR DESIGN	3879	20.0	PHOTO/FILM/VIDEO TECH	1937	19.5
LANDSCAPE ARCHITECTURE	1154	19.5	PUBLIC RELATIONS	1940	21.8
ARCHI & ENVIR DESIGN, GEN	9972	21.0	RADIO/TV BROADCASTING	5509	20.3
			RADIO/TV PRODUCTN & TECH	863	20.0
BUSINESS & MGMT	(98361)	(20.4)	COMMUNIC & COMM TECH, GEN	17523	21.6
ACCOUNTING	10721	20.3			
BANKING & FINANCE	3089	21.2	COMMNTY & PRSNL SVCS	(28626)	(18.6)
BUSINESS ADMIN & MGMT	14253	20.0	CORRECTIONS	133	16.7
BUSINESS ECONOMICS	2029	21.5	COSMETOLOGY/HAIRSTYLING	2182	16.5
CONTRACT MGMT & PURCHSING	180	18.5	CRIMINAL JUSTICE/CRIMINOL	8796	18.9
HOTEL/RESTAURANT MGMT	1725	19.0	FIRE PROTECTN/SAFETY TECH	888	18.1
HUMAN RESOURCE DEVEL/TRNG	275	19.2	FUNERAL SVCS/MORTUARY SCI	259	17.3
INSTITUTIONAL MANAGEMENT	38	18.5	LAW ENFORCEMENT & ADMIN	4432	18.1
INSURANCE & RISK MGMT	225	19.4	LIBRARY SCI/LIB ASSISTING	107	23.1
INTERNATL BUSINESS/MGMT	3484	22.1	MILITARY SCIENCE/TECH	663	20.5
LABOR/INDUSTRL RELATIONS	48	18.5	PARKS & RECREATION	204	18.9
MANAGEMENT INFO SYSTEMS	524	21.1	PUBLIC ADMINISTRATION	91	20.9
MANAGEMENT SCIENCE	137	20.6	PUBLIC AFFAIRS	137	19.3
MARKETING MGMT & RESEARCH	2694	20.9	SOCIAL WORK	2779	18.8
ORGANIZATIONAL BEHAVIOR	44	19.3	COMMNTY & PRSNL SVCS, GEN	7955	18.9
PERSONNEL MANAGEMENT	251	20.7			
REAL ESTATE	1099	17.5			
SML BUSINESS MGMT/OWNRSHIP	3953	19.3			
TRADE & INDUSTRIAL MGMT	141	18.2			
TRANSPORTATION MANAGEMENT	102	19.0			
BUSINESS & MGMT, GEN	53349	20.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(44229)	(21.1)	ENGINEERING	(52194)	(22.1)
COMPUTER PROGRAMMING	14862	20.4	AEROSPACE ENGINEERING	4603	24.2
COMPUTER SCIENCE	10279	22.2	AGRICULTURAL ENGINEERING	473	20.1
DATA PROCESSING	277	17.0	ARCHITECTURAL ENGINEERING	781	22.0
INFO SCIENCES & SYSTEMS	1434	21.3	BIOENGINEER & BIOMED ENG	1404	25.7
MATH/COMPUTER SCIENCE	861	24.0	CERAMIC ENGINEERING	21	20.1
COMPUTER & INFO SCI, GEN	16516	21.0	CHEMICAL ENGINEERING	2203	24.6
			CIVIL ENGINEERING	2070	22.7
CROSS-DISC STUDIES	(1368)	(23.5)	COMPUTER ENGINEERING	4891	21.1
AREA & ETHNIC STUDIES	167	21.7	CONSTRUCTION ENG/MGMT	704	18.9
LIBERAL ARTS/GEN STUDIES	814	23.7	ELECTRCL & ELECTRONIC ENG	3545	21.2
MULTI-/INTERDISC STUDIES	108	24.7	ENGINEERING MANAGEMENT	136	19.2
CROSS-DISC STUDIES, GEN	279	23.8	ENGINEERING PHYSICS	281	24.9
			ENGINEERING SCIENCE	155	22.0
EDUCATION	(53119)	(20.3)	ENVIRONMENTAL HEALTH ENG	128	22.4
ADULT & CONTINUING EDUC	151	20.3	GEOLOGICAL & GEOPHYS ENG	75	20.3
EDUCATION ADMINISTRATION	376	19.5	INDUSTRIAL ENGINEERING	469	21.2
ELEMENTARY EDUCATION	19385	20.0	MATERIALS ENGINEERING	100	22.5
JR HIGH/MIDDLE SCH EDUC	2452	19.5	MECHANICAL ENGINEERING	5117	22.1
PRE-ELEMENTARY EDUCATION	3019	18.6	METALLURGICAL ENGINEERING	52	21.8
SECONDARY EDUCATION	6145	21.9	MINING & MINERAL ENG	56	19.3
STUDENT COUNSELING	684	19.0	NAVAL ARCHIT & MARINE ENG	168	21.4
TEACHER AIDE	55	15.1	NUCLEAR ENGINEERING	308	23.6
EDUCATION, GENERAL	20852	20.5	OCEAN ENGINEERING	82	19.9
			PETROLEUM ENGINEERING	114	21.2
TEACHER EDUCATION	(32022)	(20.1)	SYSTEMS ENGINEERING	89	19.1
AGRICULTURAL EDUCATION	319	19.5	ENGINEERING, GENERAL	24169	21.8
ART EDUCATION	958	19.7			
BUSINESS EDUCATION	195	18.7	ENGINEERING-RELATED TECH	(24961)	(21.5)
ENGLISH EDUCATION	2204	21.9	AERONAUTICAL TECHNOLOGY	1809	23.4
FOREIGN LANGUAGES EDUC	370	21.2	AC, HEATING, REFRIG TECH	187	16.3
HEALTH EDUCATION	222	18.3	ARCHITECTURAL DESIGN TECH	1252	21.3
HUMAN, FAM/CONS SCI EDUC	119	19.4	BIOMEDICAL EQUIPMENT TECH	200	25.4
INDUSTRIAL ARTS EDUCATION	52	19.4	CIVIL ENGINEERING TECH	751	22.3
MATHEMATICS EDUCATION	1444	21.7	COMPUTER ENGINEERING TECH	3742	21.4
MUSIC EDUCATION	3438	21.8	CONSTRUCTION/BLDG TECH	459	18.2
PHYSICAL EDUCATION	4331	17.8	DRAFTING & DESIGN TECH	859	19.6
SCIENCE EDUCATION	556	21.7	ELECTRICAL ENG TECHNOLOGY	1971	20.5
SOC STUDIES/SOC SCI EDUC	1790	21.2	ELECTRONIC ENG TECHNOLOGY	1212	20.0
SPECIAL EDUCATION	1598	19.8	ELECTROMECHAN INSTR TECH	91	18.7
SPEECH CORRECTION EDUC	159	19.8	ENVIRONMENTAL CONTRL TECH	78	21.3
TEACHING ENGL AS 2ND LANG	106	19.7	INDUSTRL PRODUCTION TECH	96	20.1
TECH/TRADE & IND ED	96	19.5			
TEACHER EDUCATION, OTHER	988	19.0			
TEACHER EDUCATION, GEN	13077	20.0			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	95	20.3	HUMAN, FAMILY/CONS SCI	(10371)	(18.7)
MANUFACTURING TECHNOLOGY	134	18.5	CHILD DEV, CARE, GUIDANCE	1761	17.1
MECHANICAL ENG TECH	2484	21.5	CHILD CARE AIDE/ASSISTING	404	15.9
MINING & PETROLEUM TECH	36	20.8	CULINARY ARTS	1937	18.7
OCCUPATL SFTY & HLTH TECH	24	17.7	FAMILY/CONS RESOURCE MGMT	55	17.8
SURVEYING & MAPPING TECH	69	19.8	FASHION DESIGN	1182	19.1
ENGINEERING TECH, OTHER	649	21.5	FOOD PRODUCTN, MGMT, SVCS	333	17.8
ENGINEER-RELATD TECH, GEN	8763	22.2	FOOD SCI & NUTR/DIETETICS	609	21.2
			HUMAN ENVIRON & HOUSING	36	19.4
FOREIGN LANGUAGES	(4037)	(23.1)	INDIVIDUAL & FAMILY DEVEL	136	19.4
ASIATIC LANGUAGES	331	23.3	TEXTILES AND CLOTHING	112	20.8
CLASSICAL LANGUAGES	101	26.6	HUMAN, FAM/CONS SCI, GEN	3806	19.1
FRENCH	478	24.2			
GERMAN	249	23.0	LETTERS	(6168)	(24.4)
ITALIAN	52	20.0	CLASSICS	59	25.7
MIDDLE EASTERN LANGUAGES	33	22.2	COMPARATIVE LITERATURE	70	24.9
RUSSIAN	57	23.0	CREATIVE WRITING	2237	23.6
SPANISH	1345	22.7	ENGLISH, GENERAL	1919	25.2
FOREIGN LANGUAGES, OTHER	223	20.1	LINGUISTICS	109	25.8
FOREIGN LANGUAGES, GEN	1168	23.5	LITERATURE, ENGLISH/AMER	541	24.5
			SPEECH & RHETORICAL STUDY	45	21.6
HEALTH SCI & ALLIED HLTH	(168885)	(20.5)	LETTERS, GENERAL	1188	24.6
CHIROPRACTIC	1276	20.4			
DENTAL ASSISTING	502	16.4	MATHEMATICS	(4085)	(24.1)
DENTAL HYGIENE	2572	18.3	ACTUARIAL SCIENCES	265	25.0
DENTAL LAB/TECHNOLOGY	138	17.7	APPLIED MATHEMATICS	477	22.7
DENTISTRY	3890	20.8	STATISTICS	208	23.3
EMERG MED TECH/PARAMEDIC	1328	18.3	MATHEMATICS, GENERAL	3135	24.3
HEALTH CARE ADMIN	569	18.4			
MEDICAL/SURG ASSISTING	2785	18.7	PHILOS, RELIG & THEOLOGY	(6978)	(22.4)
MEDICAL LAB/TECHNOLOGY	1261	19.9	BIBLE STUDIES	730	22.2
MED RECORDS ADMIN/TECH	406	18.7	PHILOSOPHY	767	23.6
MEDICINE	32807	23.0	RELIGION	891	21.7
MNTL HLTH & HUM SVCS/TECH	737	20.0	RELIGIOUS EDUCATION	762	21.5
NUCLEAR MEDICINE TECH	240	19.8	RELIGIOUS MUSIC	292	21.7
NURSING (PRACTICAL)	3749	16.8	THEOLOGY	869	22.8
NURSING (REGISTERED)	19116	18.5	PHILOS, RELIG & THEOL, GEN	2667	22.4
OCCUPATNL THERAPY/ASSIST	1519	19.4			
OPTOMETRY	1285	21.4			
PHARMACY	6910	21.4			
PHYSICIAN ASSISTING	1214	19.6			
PHYSICAL THERAPY/ASSIST	13862	19.8			
RADIOLOGY/RADIOLOGIC TECH	3384	18.8			
REC/ART/MUSIC THERAPY	358	21.0			
RESPIRATORY THERAPY/TECH	380	17.8			
SPEECH PATHOL/AUDIOLOGY	799	21.1			
VETERINARIAN ASSISTING	1165	18.1			
VETERINARY MEDICINE	7585	21.8			
HEALTH SCI & ALLIED, GEN	59048	20.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL)	(44242)	(23.2)	VISUAL/PERFORM ARTS	(63305)	(20.8)
ASTRONOMY	1247	22.3	APPLIED DESIGN/CRAFTS	437	20.5
ATMOSPHER SCI & METEOROL	1524	21.6	ART	4904	20.2
BIOCHEMISTRY & BIOPHYSICS	2174	25.2	ART HIST & APPRECIATION	313	23.0
BIOLOGY	12817	23.2	CINEMATOGRAPHY/FILM/VIDEO	3444	21.9
BOTANY	179	22.2	DANCE	1956	20.0
CHEMISTRY	3626	24.1	DESIGN, GENERAL	1940	20.4
EARTH SCIENCE	330	21.0	DRAMA/THEATRE ARTS	6440	21.9
ECOLOGY/ENV STUDIES	1408	23.4	FINE ARTS, GENERAL	1190	21.9
GEOLOGY	440	22.6	GRAPHIC ARTS TECHNOLOGY	1737	20.5
MICROBIOLOGY	963	24.6	GRAPHIC DESIGN	4225	20.6
OCEANOGRAPHY	1728	20.8	MUSIC (LIBERAL ARTS)	2252	22.4
PHYSICS	1675	26.7	MUSIC PERFORMANCE	7823	21.5
ZOOLOGY	3304	21.9	MUSIC THEORY & COMPOSIT	1673	21.8
SCIENCES (BIO & PHYS), GEN	12827	23.1	PHOTOGRAPHY	3408	19.4
			VISUAL/PERFORM ARTS, GEN	21563	20.2
SOCIAL SCIENCES	(83259)	(21.8)	UNDECIDED	(112331)	(20.9)
ANTHROPOLOGY	1134	24.0			
ECONOMICS	407	24.5			
GEOGRAPHY	166	20.9			
HISTORY	4791	23.1			
INTERNATIONAL RELATIONS	1446	25.1			
LAW	18409	21.6			
PARALEGAL/LEGAL ASSISTING	809	18.3			
POLITICAL SCI/GOVERNMENT	5724	23.8			
PSYCHOLOGY	29097	21.2			
SOCIOLOGY	1858	20.4			
URBAN STUDIES	88	22.0			
SOCIAL SCIENCES, GENERAL	19330	21.7			
TRADE & INDUSTRIAL	(12861)	(18.5)			
AIRCRAFT TECHNICIAN	278	18.4			
AIRPLANE PILOTING & NAVIG	2623	21.1			
AUTOMOTIVE BODY REPAIR	779	16.7			
AUTOMOTIVE TECHNOLOGY	1971	18.0			
AVIATION MANAGEMENT	83	18.8			
COMPUTER ELECTRNCS/REPAIR	342	18.2			
CONSTRCT TRADES & CARPENT	655	17.4			
DIESEL MECHANICS & TECH	497	17.5			
DRAFTING	225	18.4			
ELECTRICAL EQUIP REPAIR	505	18.0			
HEATING, AC, REFRIG MECH	145	16.7			
MACHINE TECHNOLOGY	272	17.8			
MECHANICAL DRAFTING	81	19.7			
WELDING & WELDING TECH	567	16.3			
TRADE & INDUSTRIAL, GEN	3838	18.3			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	5083	16.5	1794	17.3	3204	16.1	984	16.7	4070	16.5
BUSINESS OPER (04-05)	8466	16.8	2644	17.8	5668	16.4	3858	16.7	4572	16.9
TECHNICAL (06-07)	15846	16.8	4707	18.0	10725	16.4	11052	16.8	4716	16.9
SCIENCE & TECH (08-09)	10065	17.7	3310	18.8	6469	17.1	5401	17.7	4619	17.6
ARTS (10-11)	4950	17.7	1696	18.8	3114	17.1	1481	17.7	3453	17.6
SOCIAL SERVICE (12-01)	4483	17.0	1459	17.9	2929	16.5	1138	16.8	3325	17.0
OTHER*	19681	16.6	6411	17.7	12681	16.2	8467	16.6	11093	16.7
TOTAL	68574	16.9	22021	18.0	44790	16.5	32381	16.9	35848	17.0

PLAN ON 4-YEARS OR MORE OF COLLEGE

ADMIN & SALES (02-03)	100128	20.7	64979	21.4	33426	19.2	33205	21.4	66397	20.3
BUSINESS OPER (04-05)	66775	20.5	41229	21.3	24472	19.1	31858	20.5	34591	20.4
TECHNICAL (06-07)	98554	20.8	61585	21.7	35070	19.2	63889	20.8	34199	20.7
SCIENCE & TECH (08-09)	142965	22.3	94414	23.1	45588	20.8	70644	22.5	71643	22.1
ARTS (10-11)	105187	22.2	68208	23.0	34789	20.8	31575	22.5	73070	22.1
SOCIAL SERVICE (12-01)	104723	21.2	66841	22.0	35682	19.9	28796	21.4	75347	21.1
OTHER*	269430	21.0	169795	21.8	89575	19.5	118353	21.3	149480	20.9
TOTAL	887762	21.3	567051	22.1	298602	19.8	378320	21.5	504727	21.1

* OTHER = STUDENTS WHO HAD WORLD-OF-WORK REGIONS THAT DIFFERED FROM THOSE LISTED

TABLE 15 HIGH SCHOOL ACADEMIC AREA GRADE AVERAGES BY GENDER AND RACE/ETHNICITY

REFERENCE GROUP	NUMBER OF STUDENTS	ACADEMIC AREA GRADE AVERAGES				HS GPA AVG	HS GPA SD
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE		
MALE	406386	3.08	2.99	3.25	3.10	3.10	0.65
FEMALE	543706	3.35	3.09	3.38	3.22	3.26	0.58
NO GENDER	4824	3.19	3.01	3.30	3.14	3.16	0.60
AFRICAN-AMERICAN/BLACK	102666	2.90	2.66	3.01	2.84	2.86	0.59
CAUCASIAN-AMERICAN/WHITE	676405	3.30	3.12	3.39	3.24	3.26	0.59
OTHER MINORITY	110786	3.21	3.05	3.29	3.14	3.17	0.61
MISSING/PREFER NO RESP	65059	3.12	2.94	3.20	3.06	3.08	0.68
TOTAL	954916	3.23	3.05	3.32	3.17	3.19	0.62

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 2002. 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.

