

**ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2003**

**HS GRADUATING CLASS
NATIONAL REPORT**

CODE 990-000

THE 2003 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 2003. 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	(TABLE NOT PRESENT IN NATIONAL REPORT)	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	
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
2002-03	667526	410753	57/ 35	21.4/18.5	21.6/18.9	22.2/19.7	21.7/19.5	21.8/19.3

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
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
2002-03	1175059	20.3	20.6	21.2	20.8	20.8

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.4	24.3	25.5	23.6	24.2
Q2 (50TH PERCENTILE - MEDIAN)	20.1	19.5	20.9	20.6	20.5
Q1 (25TH PERCENTILE)	16.0	16.4	16.4	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 RICAN, HISPANIC AVERAGE
CORE OR MORE (N= 71710) (N= 5973) (N= 473401) (N= 28437) (N= 25078) (N= 12267)						
ENGLISH	17.2	19.3	22.3	18.1	21.5	19.4
USAGE/MECH	8.3	9.5	11.3	8.8	10.9	9.6
RHET SKILLS	8.8	10.0	11.5	9.3	11.0	10.0
MATHEMATICS	17.3	19.6	22.3	19.2	23.5	20.0
PRE/ELEM-ALG	8.7	10.1	11.9	9.9	12.4	10.4
ALG/CRD-GEOM	8.6	9.8	11.1	9.5	11.8	10.0
PLANE GEOM/TRIG	8.4	9.9	11.3	9.7	12.0	10.1
READING	17.7	20.5	23.1	19.3	22.0	20.5
SOC STU/SCI	8.8	10.4	11.8	9.6	11.1	10.3
ARTS/LITERATURE	9.0	10.5	11.9	9.9	11.3	10.6
SCIENCE	17.9	20.3	22.4	19.2	22.1	20.0
COMPOSITE	17.6	20.0	22.7	19.1	22.4	20.1
LESS THAN CORE (N= 49907) (N= 5055) (N= 275805) (N= 19325) (N= 10734) (N= 8862)						
ENGLISH	15.0	16.3	19.5	15.9	19.0	16.4
USAGE/MECH	7.0	7.7	9.6	7.5	9.4	7.8
RHET SKILLS	7.6	8.4	10.1	8.2	9.7	8.5
MATHEMATICS	15.8	17.0	19.6	17.2	21.2	17.5
PRE/ELEM-ALG	7.5	8.3	10.1	8.5	10.9	8.6
ALG/CRD-GEOM	7.7	8.4	9.6	8.5	10.6	8.6
PLANE GEOM/TRIG	7.6	8.6	9.9	8.7	10.8	8.8
READING	16.0	17.9	20.6	17.4	19.8	17.8
SOC STU/SCI	8.0	9.0	10.5	8.7	10.1	8.9
ARTS/LITERATURE	7.9	8.9	10.5	8.7	10.0	8.9
SCIENCE	16.4	18.0	20.3	17.6	20.2	17.8
COMPOSITE	15.9	17.4	20.1	17.2	20.2	17.5
NO RESPONSE (N= 7890) (N= 1099) (N= 55652) (N= 3909) (N= 3290) (N= 2649)						

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= 129507)	(N= 12127)	(N= 804858)	(N= 51671)	(N= 39102)	(N= 23778)
ENGLISH	16.2	17.7	21.3	17.2	20.7	18.1
USAGE/MECH	7.8	8.6	10.7	8.3	10.5	8.8
RHET SKILLS	8.3	9.2	11.0	8.8	10.6	9.4
MATHEMATICS	16.7	18.3	21.3	18.3	22.9	18.9
PRE/ELEM-ALG	8.2	9.2	11.3	9.3	11.9	9.7
ALG/CRD-GEOM	8.2	9.1	10.6	9.1	11.5	9.4
PLANE GEOM/TRIG	8.1	9.3	10.8	9.2	11.6	9.6
READING	17.0	19.1	22.2	18.5	21.3	19.3
SOC STU/SCI	8.5	9.7	11.3	9.2	10.8	9.7
ARTS/LITERATURE	8.5	9.6	11.4	9.4	10.9	9.8
SCIENCE	17.2	19.1	21.6	18.5	21.5	19.0
COMPOSITE	16.9	18.7	21.7	18.3	21.8	19.0

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

	AFRI-AM/ BLACK NUMBER AVG	AM IND, ALSK NTV NUMBER AVG	CAUC-AM/ WHITE NUMBER AVG	MEX-AM/ CHICANO NUMBER AVG	ASIAN-AM, PAC ISLDR NUMBER AVG	P RICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	17321 20.2	3060 21.9	298239 24.4	12726 21.0	17025 24.2	5356 22.2
3.00 - 3.49	31295 17.7	2796 19.0	196699 21.1	14140 18.3	9327 20.5	5908 19.2
2.50 - 2.99	31737 16.3	2164 17.4	114556 19.2	9287 16.9	4199 18.2	4176 17.6
2.00 - 2.49	21363 15.4	1359 16.2	57202 17.9	4661 16.1	1771 17.0	2234 16.4
1.99 & BELOW	7430 14.7	528 15.3	18199 16.8	1823 15.1	556 15.8	1006 15.0
CGPA PRED BY STUDENT						
3.5 - 4.0	17652 19.8	2266 22.3	224674 24.9	9725 21.4	14615 24.5	5596 22.1
3.0 - 3.4	45314 17.5	4306 19.2	310990 21.4	19405 18.6	13301 20.8	8695 19.1
2.5 - 2.9	30984 16.0	2400 17.4	127488 19.1	9995 16.8	4368 18.3	3861 17.1
2.0 - 2.4	17885 15.0	1467 15.8	53356 17.5	4897 15.6	1791 16.6	1922 15.6
1.9 & BELOW	4795 14.3	519 14.4	12253 16.5	1532 14.6	489 15.2	700 14.6
HIGH SCHOOL RANK						
TOP QUARTER	28372 19.2	4178 20.9	329182 24.2	15569 20.7	17065 24.2	6906 21.8
2ND QUARTER	44810 16.8	3892 18.0	248712 20.3	16376 17.6	10476 19.8	7359 18.2
BOTTOM HALF	38824 15.6	2547 16.3	128987 18.2	11858 16.2	5456 17.5	5387 16.5

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	233300	20	141428	12	41647	4	3871	0
	FEMALE	298080	25	196035	17	65361	6	3917	0
	TOTAL	534325	45	339325	29	107625	9	7861	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	215307	18	110899	9	88834	8	5222	0
	FEMALE	276675	24	134514	11	146399	12	5830	0
	TOTAL	494847	42	246806	21	236380	20	11134	1
GRADING PRACTICES & POLICIES	MALE	199136	17	149589	13	65104	6	5892	1
	FEMALE	276716	24	193345	16	86722	7	6101	1
	TOTAL	478433	41	344856	29	152710	13	12086	1
NO. & KINDS OF TESTS GIVEN	MALE	188941	16	175487	15	49774	4	5329	0
	FEMALE	245572	21	234562	20	77313	7	5106	0
	TOTAL	436946	37	412213	35	127877	11	10520	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	207777	18	118829	10	73067	6	19696	2
	FEMALE	268344	23	144070	12	128993	11	20986	2
	TOTAL	478722	41	264369	22	203220	17	40921	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	150939	13	137029	12	122146	10	9230	1
	FEMALE	198249	17	180231	15	175035	15	8748	1
	TOTAL	351128	30	319068	27	298765	25	18124	2
LIBRARY OR LEARNING CENTER	MALE	215545	18	135345	12	57228	5	11227	1
	FEMALE	293930	25	174659	15	80440	7	13263	1
	TOTAL	512255	44	311805	27	138399	12	24649	2
LABORATORY FACILITIES	MALE	192459	16	140271	12	69263	6	17213	1
	FEMALE	243339	21	191059	16	101284	9	26404	2
	TOTAL	438315	37	333145	28	171418	15	43869	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	151776	13	129741	11	42382	4	95213	8
	FEMALE	201790	17	159873	14	69144	6	131138	11
	TOTAL	355697	30	291245	25	112185	10	227387	19
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	218902	19	119983	10	42129	4	38238	3
	FEMALE	310419	26	145197	12	64644	6	41893	4
	TOTAL	532341	45	266668	23	107299	9	80569	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	166731	14	150862	13	68951	6	31880	3
	FEMALE	214754	18	186551	16	116283	10	43308	4
	TOTAL	383769	33	339199	29	186179	16	75618	6

NUMBER OF STUDENTS - 1175059

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1175059)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	1339	99	1510	99	9387	99	3520	99	195	99
35	5076	99	4412	99	12392	99	1670	99	1378	99
34	7714	99	7773	99	15206	98	7818	99	3288	99
33	10531	99	5448	99	9957	97	853	99	5825	99
32	11940	98	12684	98	19672	96	12215	99	9533	99
31	14756	97	13703	97	24383	94	1082	98	14130	98
30	27289	96	16427	96	25713	92	15999	98	20732	97
29	27331	93	27607	95	32179	90	20747	96	26209	95
28	36026	91	33383	92	50648	87	25509	95	34952	93
27	36925	88	46742	90	41975	83	35027	92	43409	90
26	50344	85	57469	86	49610	79	46082	89	51390	86
25	56773	80	56300	81	62547	75	59770	85	61352	82
24	53864	76	59133	76	63663	70	71444	80	68709	77
23	59746	71	59519	71	55406	64	107791	74	75859	71
22	73844	66	63112	66	79447	60	74855	65	82895	65
21	83379	60	55622	60	55548	53	111599	59	88580	57
20	80421	53	66851	56	71809	48	110611	49	91137	50
19	82258	46	81571	50	78160	42	110168	40	89550	42
18	71406	39	97140	43	57921	36	98258	30	87877	35
17	57810	33	107130	35	58783	31	72405	22	80705	27
16	66358	28	112412	26	56253	26	48990	16	72042	20
15	72154	22	88731	16	58105	21	35915	12	60292	14
14	50220	16	60146	9	55982	16	43146	9	46535	9
13	33284	12	25286	3	63489	11	23659	5	31683	5
12	27074	9	10831	1	36302	6	14456	3	17994	2
11	23843	7	3014	1	17655	3	11891	2	6682	1
10	19684	5	714	1	6706	1	5278	1	1562	1
9	15104	3	207	1	3086	1	2978	1	397	1
8	12759	2	54	1	1594	1	823	1	109	1
7	4134	1	65	1	599	1	265	1	37	1
6	1144	1	25	1	455	1	89	1	11	1
5	392	1	23	1	208	1	90	1	6	1
4	95	1	0	1	147	1	6	1	2	1
3	34	1	9	1	19	1	25	1	1	1
2	8	1	0	1	38	1	3	1	1	1
1	0	1	6	1	15	1	22	1	0	1

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

33-36	24660	2	19143	2	46942	4	13861	1	10686	1
28-32	117342	10	103804	9	152595	13	75552	6	105556	9
24-27	197906	17	219644	19	217795	19	212323	18	224860	19
20-23	297390	25	245104	21	262210	22	404856	34	338471	29
16-19	277832	24	398253	34	251117	21	329821	28	330174	28
13-15	155658	13	174163	15	177576	15	102720	9	138510	12
01-12	104271	9	14948	1	66824	6	35926	3	26802	2
AVG(SD)	20.3(5.8)		20.6(5.1)		21.2(6.1)		20.8(4.6)		20.8(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 = 1175059)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	16319	99	7443	99	14569	99	28432	99	18
17	40240	99	21402	99	58498	99	74095	98	17
16	59698	95	30396	98	56898	94	66806	91	16
15	57254	90	73466	95	56246	89	71471	86	15
14	72742	85	81271	89	101062	84	77755	80	14
13	65197	79	85520	82	98301	76	87009	73	13
12	89531	73	125578	75	83525	67	105894	65	12
11	105409	66	149184	64	110151	60	107827	56	11
10	141664	57	145095	51	144271	51	115491	47	10
9	104096	45	146738	39	110611	38	92222	37	9
8	113955	36	106445	26	159463	29	86689	30	8
7	110443	26	80318	17	71768	15	77196	22	7
6	75335	17	54465	10	37866	9	81199	16	6
5	57898	10	34430	6	31371	6	61810	9	5
4	39414	6	22766	3	24110	3	25843	4	4
3	18771	2	8963	1	11272	1	11400	1	3
2	6328	1	1459	1	3119	1	3568	1	2
1	765	1	120	1	1958	1	352	1	1
AVERAGE		10.1		10.5		10.8		10.8	
S.D.		3.7		3.1		3.5		3.8	

STD SCORE	PRE/ELEM		ALG CP	ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP		FREQ	CP	FREQ	CP	
18	26582	99	8335	99	7784	99	18	
17	37355	98	13607	99	7912	99	17	
16	53181	95	21541	98	34376	99	16	
15	70868	90	39907	96	57216	96	15	
14	92146	84	77172	93	86373	91	14	
13	89352	76	82440	86	106142	84	13	
12	109958	69	135409	79	114612	74	12	
11	116244	59	146061	68	131544	65	11	
10	89336	49	164817	55	180450	54	10	
9	122740	42	165827	41	152233	38	9	
8	135874	31	117584	27	128450	25	8	
7	123044	20	82568	17	66709	14	7	
6	66290	9	57234	10	29485	9	6	
5	27642	4	25155	5	29363	6	5	
4	10202	1	23119	3	15758	4	4	
3	3024	1	9387	1	14494	2	3	
2	1063	1	2276	1	9837	1	2	
1	158	1	2620	1	2321	1	1	
AVERAGE		10.7		10.2		10.4		
S.D.		3.4		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	509969	19.8	5.8	21.2	5.3	21.0	6.1	21.3	4.9	21.0	5.0
FEMALES	656587	20.7	5.8	20.1	4.8	21.4	6.0	20.4	4.3	20.8	4.7
NO RESPONSE	8503	19.8	5.7	20.5	5.0	21.0	6.0	20.5	4.5	20.6	4.7

PERCENT OF STUDENTS IN STANDARDS FOR TRANSITION 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	3	1	4	4	2	1	1	1	1	1
28-32	9	11	11	7	13	13	9	5	10	8	10	8
24-27	16	18	20	17	18	19	20	17	19	19	19	19
20-23	25	26	21	21	22	23	33	36	28	30	28	30
16-19	24	23	31	36	21	21	25	30	27	29	27	29
13-15	14	12	13	16	16	14	8	9	12	12	12	12
01-12	10	8	1	1	6	5	3	3	3	2	3	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	187200	19	23.2	5230	12	7606	11	142224	23	32140	12
GOOD	417665	41	21.2	17105	38	27040	39	264121	43	109399	40
AVERAGE	240426	24	19.2	12846	29	21667	31	121618	20	84295	31
BELOW AVERAGE	56772	6	18.9	3627	8	5916	8	26430	4	20799	8
VERY INADEQUATE	70487	7	19.9	4268	10	5995	9	42178	7	18046	7
NO RESPONSE	35571	4	21.3	1380	3	1965	3	23348	4	8878	3
NO. OF STUDENTS	1008121			44456		70189		619919		273557	

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	1175059	20.3	5.8	20.6	5.1	21.2	6.1	20.8	4.6	20.8	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	667526	21.4	5.6	21.6	5.0	22.2	6.0	21.7	4.5	21.8	4.7
In between	270463	18.9	5.6	19.1	4.6	20.0	5.8	19.7	4.3	19.5	4.5
E4, M2, SS2, NS2	140290	17.7	5.7	18.5	4.8	19.1	5.9	19.1	4.6	18.7	4.7
No Response	96780	20.0	6.1	20.5	5.2	21.0	6.3	20.5	4.8	20.6	5.0
HS GPA RANGES											
3.50 - 4.00	382142	23.9	5.2	23.9	4.9	24.5	5.7	23.5	4.3	24.1	4.3
3.00 - 3.49	282331	19.9	4.9	20.0	4.3	20.8	5.4	20.5	3.9	20.4	4.0
2.50 - 2.99	181349	17.7	4.7	18.0	3.6	18.8	5.1	18.9	3.8	18.5	3.6
2.00 - 2.49	97949	16.1	4.5	16.8	3.2	17.3	4.8	17.7	3.7	17.1	3.4
1.99 & below	33903	14.8	4.4	16.0	2.8	16.1	4.5	16.7	3.7	16.0	3.2

HS GRADUATING CLASS
NATIONAL REPORT

HS CODE 990-000

PAGE - 9

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	372109	3.34	20.8	21.2
ENG 9, ENG 10, ENG 11, ENG 12	618716	3.21	20.3	20.8
LESS THAN 4 YEARS OF ENGLISH	85274	3.00	18.5	19.5
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	98960	- . . .	20.0	20.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	66890	3.52	24.6	24.2
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	97172	3.26	22.1	22.4
ALG 1, ALG 2, GEOM, TRIG	104155	3.05	20.2	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	144391	3.06	20.1	20.7
ALG 1, ALG 2, GEOM	222032	2.65	17.6	18.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	252995	3.45	23.8	23.5
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	57204	3.06	20.0	20.4
LESS THAN 3 YEARS OF MATH	125284	2.41	16.9	17.4
NO MATH COURSE/GRADE INFORMATION REPORTED	104936	- . . .	20.4	20.6
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	30959	3.39	22.3	21.8
US HIST, WORLD HIST, AM GOVT	68882	3.23	20.8	20.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	454382	3.43	21.7	21.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	347147	3.31	21.2	20.9
LESS THAN 3 YEARS OF SOC SCI	169291	3.11	20.0	19.8
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	104398	- . . .	21.0	20.6
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	327328	3.40	22.3	22.5
BIOLOGY, CHEMISTRY, PHYSICS	122728	3.35	23.1	23.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	345067	3.10	20.1	20.0
OTHER COMBINATIONS OF 3 YEARS NAT SCI	34494	3.14	20.6	20.4
LESS THAN 3 YEARS OF NAT SCI	238898	2.87	18.8	18.6
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	106544	- . . .	20.5	20.6

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	155775	3.20	20.4	21.4
ENG 9, ENG 10, ENG 11, ENG 12	261206	3.06	19.9	21.0
LESS THAN 4 YEARS OF ENGLISH	42778	2.84	18.1	19.5
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	50210	-. -	19.3	20.5
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	30152	3.48	25.3	24.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	34834	3.18	22.8	22.4
ALG 1, ALG 2, GEOM, TRIG	42235	2.98	20.9	20.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	51752	2.97	20.7	20.7
ALG 1, ALG 2, GEOM	89354	2.56	18.0	18.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	123455	3.41	24.6	23.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	27582	2.98	20.5	20.5
LESS THAN 3 YEARS OF MATH	57558	2.33	17.2	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	53047	-. -	20.8	20.5
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	15024	3.32	21.9	21.8
US HIST, WORLD HIST, AM GOVT	33174	3.16	20.6	20.6
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	184117	3.37	21.5	21.4
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	145169	3.24	21.0	21.1
LESS THAN 3 YEARS OF SOC SCI	79445	3.04	19.8	19.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	53040	-. -	20.6	20.5
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	154341	3.36	23.0	22.7
BIOLOGY, CHEMISTRY, PHYSICS	54033	3.30	23.9	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	126907	2.98	20.3	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	18643	3.10	21.2	20.7
LESS THAN 3 YEARS OF NAT SCI	102086	2.75	18.9	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	53959	-. -	20.7	20.5

HS GRADUATING CLASS
NATIONAL REPORTTABLE 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	214226	3.45	21.1	21.1
ENG 9, ENG 10, ENG 11, ENG 12	353744	3.32	20.6	20.7
LESS THAN 4 YEARS OF ENGLISH	41594	3.17	18.9	19.4
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	47023	- . . .	20.7	20.7
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	36292	3.56	24.0	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	61816	3.30	21.7	22.4
ALG 1, ALG 2, GEOM, TRIG	61213	3.10	19.8	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	91782	3.11	19.8	20.7
ALG 1, ALG 2, GEOM	131267	2.70	17.3	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	128188	3.49	23.2	23.3
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	29235	3.13	19.6	20.3
LESS THAN 3 YEARS OF MATH	66730	2.47	16.6	17.5
NO MATH COURSE/GRADE INFORMATION REPORTED	50064	- . . .	20.1	20.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	15767	3.46	22.6	21.8
US HIST, WORLD HIST, AM GOVT	35298	3.30	20.9	20.4
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	267630	3.48	21.8	21.1
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	199880	3.36	21.3	20.7
LESS THAN 3 YEARS OF SOC SCI	88472	3.18	20.1	19.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	49540	- . . .	21.4	20.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	171086	3.44	21.7	22.2
BIOLOGY, CHEMISTRY, PHYSICS	67883	3.39	22.4	23.2
GEN SCIENCE, BIOLOGY, CHEMISTRY	216183	3.17	20.0	20.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	15630	3.19	19.8	20.0
LESS THAN 3 YEARS OF NAT SCI	135093	2.96	18.8	18.8
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	50712	- . . .	20.2	20.8

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 MAJOR (PERCENT)	1ST VOC	EDUC MAJOR (PERCENT)	1ST VOC	EDUC MAJOR (PERCENT)	1ST VOC
AGRICULTURE SCIENCE/TECH	18209	18.7	36	48	3	3	1	1	2	2
ARCH & ENVIR DESIGN	25897	20.7	38	48	3	4	2	2	3	3
BUSINESS & MGMT	97549	20.4	32	52	12	12	8	8	10	9
BUSINESS & OFFICE	7577	18.9	27	53	1	1	1	1	1	1
MARKETING & DISTRIBUTION	7618	19.9	28	53	0	1	1	1	1	1
COMMUNICATION & COMM TEC	37289	21.3	35	49	3	3	4	5	4	4
COMMUNITY & PRSNL SVCS	30899	18.6	46	42	3	4	3	4	3	4
COMPUTER & INFO SCI	38432	21.1	39	49	8	7	1	1	4	4
CROSS-DISC STUDIES	1337	23.5	19	47	0	0	0	0	0	0
EDUCATION	52768	20.4	47	43	2	2	8	8	5	6
TEACHER EDUCATION	31676	20.1	45	44	3	3	4	4	3	4
ENGINEERING	51445	22.2	34	51	10	9	2	1	5	5
ENGINEERING-RELATED TECH	26588	21.7	34	52	6	6	1	1	3	3
FOREIGN LANGUAGES	4344	23.2	36	46	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	185603	20.4	51	41	10	10	26	28	19	20
HUMAN, FAMILY/CONS SCI	10734	18.7	42	43	0	1	2	2	1	1
LETTERS	6426	24.4	31	51	0	0	1	1	1	1
MATHEMATICS	4499	24.1	27	51	1	0	0	0	0	0
PHILOS, RELIG & THEOL	6798	22.5	46	39	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	46489	23.2	36	50	5	4	5	4	5	4
SOCIAL SCIENCES	82943	21.8	41	47	6	5	10	10	9	8
TRADE & INDUSTRIAL	13715	18.6	45	41	3	4	0	0	1	2
VISUAL & PERFORM ARTS	64131	20.8	45	42	6	7	7	7	7	7
UNDECIDED	118489	21.0	7	14	14	13	11	9	12	11
NO RESPONSE	203604									

NUMBER OF STUDENTS - 1175059

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	114645	18.1	10	AFRICAN-AMER/BLACK	129507	16.9	11
COLL PREP	619919	22.1	53	AM INDIAN,ALASKAN NTV	12127	18.7	1
OTHER/GENERAL/NO RESP	440495	19.8	37	CAUCASIAN-AMER/WHITE	804858	21.7	68
REQUEST ASSISTANCE WITH				MEXICAN-AMER/CHICANO	51671	18.3	4
ED/OCCUP PLANS	440239	20.9	37	ASIAN-AMER,PACIFIC ISL	39102	21.8	3
EXPR IDEAS IN WRITING	234296	19.4	20	PUERTO RICAN,HISPANIC	23778	19.0	2
READING/COMPREHENSION	287797	19.1	24	OTHER	17987	19.3	2
STUDY SKILLS	434819	19.4	37	MULTIRACIAL	18528	20.9	2
MATH SKILLS	419820	19.0	36	PREFER NOT TO RESPOND	31570	21.8	3
PERSONAL CONCERNS	113981	19.2	10	NO RESPONSE	45931	20.1	4
EXPRESSED FIN NEED				ESTIMATED FAMILY INCOME			
NEED FINANCIAL AID	871329	20.8	74	LESS THAN \$18,000	87983	17.9	7
NEED TO FIND WORK	746251	20.5	64	ABOUT \$18,000-\$24,000	72018	18.6	6
SPECIAL COLLEGE PROG				ABOUT \$24,000-\$30,000	68584	19.3	6
INDEP STUDY	394575	21.7	34	ABOUT \$30,000-\$36,000	68405	19.9	6
HONORS COURSES	322846	23.3	27	ABOUT \$36,000-\$42,000	75454	20.3	6
ADV PLACEMENT IN COLL				ABOUT \$42,000-\$50,000	89232	20.8	8
ENGLISH	283591	22.8	24	ABOUT \$50,000-\$60,000	103333	21.3	9
MATH	253415	23.3	22	ABOUT \$60,000-\$80,000	142386	21.8	12
SOCIAL STUDIES	255252	22.7	22	ABOUT \$80,000-\$100,000	96504	22.4	8
NATURAL SCIENCE	220948	22.9	19	MORE THAN \$100,000	114639	23.4	10
FOREIGN LANG	196918	22.3	17	NO RESPONSE	256521	20.9	22
MAX YEARLY COLL TUITION				HS CLASS RANK			
\$1000 & UNDER	42438	16.7	4	TOP QTR	431889	23.6	37
\$1001 - \$2000	51008	17.9	4	2ND QTR	357247	19.6	30
\$2001 - \$4000	118562	19.3	10	3RD QTR	182146	17.6	16
\$4001 - \$7500	153007	20.6	13	4TH QTR	27309	16.6	2
\$7501 & OVER	60501	21.3	5	NO RESPONSE	176468	20.5	15
NO PREFERENCE	562598	21.8	48	EDUC DEG ASPIRATION			
NO RESPONSE	186945	20.8	16	VOC-TECH	16093	16.8	1
MOST RECENTLY TESTED				2YR COL DEGREE	53792	17.0	5
SOPHOMORE	7872	20.7	1	BACHELORS DEGREE	388119	20.1	33
JUNIOR	436144	21.5	37	GRAD STUDY	214897	22.5	18
SENIOR	690322	20.4	59	PROF LEVEL DEGREE	322707	22.0	27
OTHER/NO RESPONSE	40721	21.8	3	OTHER	36164	18.1	3
COLLEGE CORE PREPARATION				NO RESPONSE	143287	20.4	12
CORE OR MORE	667526	21.8	57	NUMBER OF STUDENTS			
LESS THAN CORE	410753	19.3	35	HOME SCHOOLED	7225	22.5	1
NO RESPONSE	96780	20.6	8	EARNED A GED	1399	19.1	0
				ALL STUDENTS	1175059	20.8	100

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	(18209)	(18.7)	BUSINESS & OFFICE	(7577)	(18.9)
AGRICULTURAL BUSINESS	1077	19.0	BOOKKEEPING/ACCT TECH	882	19.5
AGRICULTURAL ECONOMICS	126	18.3	BUSINESS DP/COMPUTER OPER	385	17.2
AGRICULTURAL MECHANICS	359	17.3	COURT REPORTING	129	17.3
AGRI PRODUCTION/TECH	224	18.3	OFFICE SUPERVISION & MGMT	466	18.5
AGRONOMY	237	19.9	SECRETARIAL	720	17.2
ANIMAL SCIENCES	2144	20.4	TYPING & GENERAL OFFICE	185	16.3
FARM & RANCH MANAGEMENT	622	18.4	WORD PROCESSING	63	16.5
FISH, GAME, WILDLIFE MGMT	2709	18.6	BUSINESS & OFFICE, GEN	4747	19.3
FOOD SCIENCES/ENGINEERING	217	18.7			
FORESTRY & RELATED SCI	882	18.9	MARKETING & DISTRIBUTION	(7618)	(19.9)
HORTICULTURE/ORNMENTAL HORT	486	19.2	FASHION MERCHANDISING	2076	18.7
NATURAL RESOURCES MGMT	279	19.2	RETAILING & SALES	613	19.1
AGRICULTURE & AG TECH, GEN	8847	18.3	TRAVEL SERVICES & TOURISM	229	17.4
			MARKETING & DISTRIB, GEN	4700	20.6
ARCH & ENVIR DESIGN	(25897)	(20.7)			
ARCHITECTURAL DRAFTING	4621	20.0	COMMUNICATIONS & COMM TECH	(37289)	(21.3)
ARCHITECTURE	4206	22.3	ADVERTISING	2371	21.4
BLDG CON/CONSTRUCTION SCI	933	18.1	GRAPHIC/COMMERCIAL ART	2191	19.7
CITY, COMM & REG PLANNING	151	19.4	GRAPHIC & PRINT COMMUNIC	411	18.5
ENVIRONMENTAL DESIGN	167	18.7	JOURNALISM	6569	22.7
INTERIOR DESIGN	4247	20.1	PHOTO/FILM/VIDEO TECH	1924	19.3
LANDSCAPE ARCHITECTURE	1177	19.8	PUBLIC RELATIONS	1667	21.9
ARCHI & ENVIR DESIGN, GEN	10395	21.1	RADIO/TV BROADCASTING	5287	20.2
			RADIO/TV PRODUCTN & TECH	814	19.7
BUSINESS & MGMT	(97549)	(20.4)	COMMUNIC & COMM TECH, GEN	16055	21.6
ACCOUNTING	10561	20.3			
BANKING & FINANCE	2888	21.2	COMMNTY & PRSNL SVCS	(30899)	(18.6)
BUSINESS ADMIN & MGMT	13718	19.8	CORRECTIONS	149	16.4
BUSINESS ECONOMICS	2022	21.4	COSMETOLOGY/HAIRSTYLING	2447	16.5
CONTRACT MGMT & PURCHSING	191	19.1	CRIMINAL JUSTICE/CRIMINOL	10247	18.9
HOTEL/RESTAURANT MGMT	1786	19.2	FIRE PROTECTN/SAFETY TECH	1111	18.2
HUMAN RESOURCE DEVEL/TRNG	244	19.5	FUNERAL SVCS/MORTUARY SCI	284	17.4
INSTITUTIONAL MANAGEMENT	43	19.5	LAW ENFORCEMENT & ADMIN	4423	18.0
INSURANCE & RISK MGMT	207	19.0	LIBRARY SCI/LIB ASSISTING	112	21.6
INTERNATL BUSINESS/MGMT	3423	22.1	MILITARY SCIENCE/TECH	698	20.5
LABOR/INDUSTRIL RELATIONS	63	19.0	PARKS & RECREATION	196	19.1
MANAGEMENT INFO SYSTEMS	328	20.8	PUBLIC ADMINISTRATION	93	20.2
MANAGEMENT SCIENCE	144	20.0	PUBLIC AFFAIRS	107	19.4
MARKETING MGMT & RESEARCH	2661	20.8	SOCIAL WORK	2817	18.7
ORGANIZATIONAL BEHAVIOR	45	18.6	COMMNTY & PRSNL SVCS, GEN	8215	18.9
PERSONNEL MANAGEMENT	219	19.9			
REAL ESTATE	1346	17.7			
SML BUSINESS MGMT/OWNRSHIP	4071	19.2			
TRADE & INDUSTRIAL MGMT	142	18.5			
TRANSPORTATION MANAGEMENT	86	18.4			
BUSINESS & MGMT, GEN	53361	20.6			

HS GRADUATING CLASS
NATIONAL REPORT

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(38432)	(21.1)	ENGINEERING	(51445)	(22.2)
COMPUTER PROGRAMMING	13459	20.5	AEROSPACE ENGINEERING	4323	24.3
COMPUTER SCIENCE	8467	22.2	AGRICULTURAL ENGINEERING	537	20.4
DATA PROCESSING	260	17.1	ARCHITECTURAL ENGINEERING	787	21.9
INFO SCIENCES & SYSTEMS	1174	21.0	BIOENGINEER & BIOMED ENG	1373	26.0
MATH/COMPUTER SCIENCE	717	24.1	CERAMIC ENGINEERING	39	20.3
COMPUTER & INFO SCI, GEN	14355	21.0	CHEMICAL ENGINEERING	2071	24.7
CROSS-DISC STUDIES	(1337)	(23.5)	CIVIL ENGINEERING	2123	22.8
AREA & ETHNIC STUDIES	171	21.0	COMPUTER ENGINEERING	4347	21.1
LIBERAL ARTS/GEN STUDIES	749	23.7	CONSTRUCTION ENG/MGMT	718	19.2
MULTI-/INTERDISC STUDIES	121	25.4	ELECTRCL & ELECTRONIC ENG	3386	21.3
CROSS-DISC STUDIES, GEN	296	23.6	ENGINEERING MANAGEMENT	182	19.5
EDUCATION	(52768)	(20.4)	ENGINEERING PHYSICS	366	25.4
ADULT & CONTINUING EDUC	171	21.6	ENGINEERING SCIENCE	158	21.3
EDUCATION ADMINISTRATION	373	19.2	ENVIRONMENTAL HEALTH ENG	128	22.3
ELEMENTARY EDUCATION	18460	20.1	GEOLOGICAL & GEOPHYS ENG	84	20.9
JR HIGH/MIDDLE SCH EDUC	2564	19.6	INDUSTRIAL ENGINEERING	465	20.9
PRE-ELEMENTARY EDUCATION	3029	18.4	MATERIALS ENGINEERING	106	23.8
SECONDARY EDUCATION	6294	22.0	MECHANICAL ENGINEERING	5745	22.1
STUDENT COUNSELING	650	19.2	METALLURGICAL ENGINEERING	56	21.5
TEACHER AIDE	75	15.7	MINING & MINERAL ENG	59	19.9
EDUCATION, GENERAL	21152	20.6	NAVAL ARCHIT & MARINE ENG	143	21.9
TEACHER EDUCATION	(31676)	(20.1)	NUCLEAR ENGINEERING	345	23.8
AGRICULTURAL EDUCATION	304	19.3	OCEAN ENGINEERING	77	19.5
ART EDUCATION	968	19.7	PETROLEUM ENGINEERING	123	21.1
BUSINESS EDUCATION	165	18.9	SYSTEMS ENGINEERING	103	18.5
ENGLISH EDUCATION	2257	21.9	ENGINEERING, GENERAL	23601	21.9
FOREIGN LANGUAGES EDUC	324	21.5	ENGINEERING-RELATED TECH	(26588)	(21.7)
HEALTH EDUCATION	244	18.2	AERONAUTICAL TECHNOLOGY	2040	23.5
HUMAN, FAM/CONS SCI EDUC	123	18.6	AC, HEATING, REFRIG TECH	203	16.1
INDUSTRIAL ARTS EDUCATION	56	19.4	ARCHITECTURAL DESIGN TECH	1257	21.4
MATHEMATICS EDUCATION	1613	21.5	BIOMEDICAL EQUIPMENT TECH	227	25.0
MUSIC EDUCATION	3233	21.9	CIVIL ENGINEERING TECH	833	22.6
PHYSICAL EDUCATION	4108	17.8	COMPUTER ENGINEERING TECH	3498	21.4
SCIENCE EDUCATION	555	21.5	CONSTRUCTION/BLDG TECH	451	18.2
SOC STUDIES/SOC SCI EDUC	1768	21.2	DRAFTING & DESIGN TECH	864	19.9
SPECIAL EDUCATION	1517	19.9	ELECTRICAL ENG TECHNOLOGY	2001	20.6
SPEECH CORRECTION EDUC	184	19.6	ELECTRONIC ENG TECHNOLOGY	1104	19.9
TEACHING ENGL AS 2ND LANG	86	20.0	ELECTROMECHAN INSTR TECH	91	19.1
TECH/TRADE & IND ED	92	19.0	ENVIRONMENTAL CONTRL TECH	60	21.8
TEACHER EDUCATION, OTHER	935	19.1	INDUSTRL PRODUCTION TECH	107	20.1
TEACHER EDUCATION, GEN	13144	20.0			

HS GRADUATING CLASS
NATIONAL REPORT

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	88	21.4	HUMAN, FAMILY/CONS SCI	(10734)	(18.7)
MANUFACTURING TECHNOLOGY	109	18.1	CHILD DEV, CARE, GUIDANCE	1705	17.4
MECHANICAL ENG TECH	2823	21.6	CHILD CARE AIDE/ASSISTING	401	15.9
MINING & PETROLEUM TECH	51	20.5	CULINARY ARTS	2235	18.5
OCCUPATL SFTY & HLTH TECH	28	19.4	FAMILY/CONS RESOURCE MGMT	84	17.5
SURVEYING & MAPPING TECH	65	19.8	FASHION DESIGN	1237	19.1
ENGINEERING TECH, OTHER	653	21.6	FOOD PRODUCTN, MGMT, SVCS	360	18.0
ENGINEER-RELATD TECH, GEN	10035	22.3	FOOD SCI & NUTR/DIETETICS	648	20.9
			HUMAN ENVIRON & HOUSING	45	18.4
FOREIGN LANGUAGES	(4344)	(23.2)	INDIVIDUAL & FAMILY DEVEL	131	19.8
ASIATIC LANGUAGES	375	23.6	TEXTILES AND CLOTHING	118	20.5
CLASSICAL LANGUAGES	120	26.6	HUMAN, FAM/CONS SCI, GEN	3770	19.1
FRENCH	528	23.8			
GERMAN	259	23.4	LETTERS	(6426)	(24.4)
ITALIAN	58	21.6	CLASSICS	67	27.0
MIDDLE EASTERN LANGUAGES	59	24.1	COMPARATIVE LITERATURE	64	26.0
RUSSIAN	66	23.2	CREATIVE WRITING	2438	23.6
SPANISH	1281	22.6	ENGLISH, GENERAL	1971	25.4
FOREIGN LANGUAGES, OTHER	248	21.2	LINGUISTICS	136	24.9
FOREIGN LANGUAGES, GEN	1350	23.5	LITERATURE, ENGLISH/AMER	531	24.3
HEALTH SCI & ALLIED HLTH	(185603)	(20.4)	SPEECH & RHETORICAL STUDY	46	21.9
CHIROPRACTIC	1316	20.1	LETTERS, GENERAL	1173	24.3
DENTAL ASSISTING	586	16.5			
DENTAL HYGIENE	2849	18.2	MATHEMATICS	(4499)	(24.1)
DENTAL LAB/TECHNOLOGY	146	18.1	ACTUARIAL SCIENCES	249	25.3
DENTISTRY	4307	20.7	APPLIED MATHEMATICS	533	23.1
EMERG MED TECH/PARAMEDIC	1333	18.3	STATISTICS	164	23.8
HEALTH CARE ADMIN	640	18.5	MATHEMATICS, GENERAL	3553	24.2
MEDICAL/SURG ASSISTING	3050	18.6			
MEDICAL LAB/TECHNOLOGY	1387	19.7	PHILOS, RELIG & THEOLOGY	(6798)	(22.5)
MED RECORDS ADMIN/TECH	429	18.5	BIBLE STUDIES	735	21.9
MEDICINE	32437	22.9	PHILOSOPHY	806	23.9
MNTL HLTH & HUM SVCS/TECH	762	20.1	RELIGION	844	21.9
NUCLEAR MEDICINE TECH	314	19.7	RELIGIOUS EDUCATION	708	21.6
NURSING (PRACTICAL)	4576	16.8	RELIGIOUS MUSIC	296	21.6
NURSING (REGISTERED)	25512	18.5	THEOLOGY	806	23.1
OCCUPATNL THERAPY/ASSIST	1510	19.3	PHILOS, RELIG & THEOL, GEN	2603	22.6
OPTOMETRY	1337	21.2			
PHARMACY	8959	21.4			
PHYSICIAN ASSISTING	1259	19.6			
PHYSICAL THERAPY/ASSIST	13699	19.8			
RADIOLOGY/RADIOLOGIC TECH	4121	18.6			
REC/ART/MUSIC THERAPY	327	20.7			
RESPIRATORY THERAPY/TECH	335	17.7			
SPEECH PATHOL/AUDIOLOGY	767	21.1			
VETERINARIAN ASSISTING	1109	18.0			
VETERINARY MEDICINE	7353	21.7			
HEALTH SCI & ALLIED, GEN	65183	20.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL)	(46489)	(23.2)	VISUAL/PERFORM ARTS	(64131)	(20.8)
ASTRONOMY	1182	22.1	APPLIED DESIGN/CRAFTS	491	20.5
ATMOSPHER SCI & METEOROL	1485	21.6	ART	4918	20.1
BIOCHEMISTRY & BIOPHYSICS	2522	25.2	ART HIST & APPRECIATION	301	22.8
BIOLOGY	13545	23.2	CINEMATOGRAPHY/FILM/VIDEO	3641	22.0
BOTANY	207	22.7	DANCE	1989	19.9
CHEMISTRY	4145	24.2	DESIGN, GENERAL	2001	20.4
EARTH SCIENCE	359	21.1	DRAMA/THEATRE ARTS	6298	21.8
ECOLOGY/ENV STUDIES	1196	23.3	FINE ARTS, GENERAL	1234	21.7
GEOLOGY	418	22.8	GRAPHIC ARTS TECHNOLOGY	1612	20.6
MICROBIOLOGY	1079	24.5	GRAPHIC DESIGN	4466	20.6
OCEANOGRAPHY	1557	20.6	MUSIC (LIBERAL ARTS)	2394	22.4
PHYSICS	1847	26.8	MUSIC PERFORMANCE	7907	21.4
ZOOLOGY	3305	21.5	MUSIC THEORY & COMPOSIT	1773	21.8
SCIENCES (BIO & PHYS), GEN	13642	23.1	PHOTOGRAPHY	3404	19.5
			VISUAL/PERFORM ARTS, GEN	21702	20.3
SOCIAL SCIENCES	(82943)	(21.8)	UNDECIDED	(118489)	(21.0)
ANTHROPOLOGY	1171	23.8			
ECONOMICS	401	24.8			
GEOGRAPHY	154	20.9			
HISTORY	4954	23.1			
INTERNATIONAL RELATIONS	1795	25.3			
LAW	18528	21.6			
PARALEGAL/LEGAL ASSISTING	819	18.3			
POLITICAL SCI/GOVERNMENT	5834	24.0			
PSYCHOLOGY	28230	21.2			
SOCIOLOGY	1878	20.2			
URBAN STUDIES	75	22.3			
SOCIAL SCIENCES, GENERAL	19104	21.7			
TRADE & INDUSTRIAL	(13715)	(18.6)			
AIRCRAFT TECHNICIAN	275	18.3			
AIRPLANE PILOTING & NAVIG	2470	21.2			
AUTOMOTIVE BODY REPAIR	934	16.9			
AUTOMOTIVE TECHNOLOGY	2535	18.3			
AVIATION MANAGEMENT	106	19.5			
COMPUTER ELECTRNCs/REPAIR	396	18.7			
CONSTRCT TRADES & CARPENT	675	17.6			
DIESEL MECHANICS & TECH	460	17.4			
DRAFTING	219	18.7			
ELECTRICAL EQUIP REPAIR	530	17.7			
HEATING, AC, REFRIG MECH	154	16.5			
MACHINE TECHNOLOGY	270	17.9			
MECHANICAL DRAFTING	87	19.6			
WELDING & WELDING TECH	644	16.7			
TRADE & INDUSTRIAL, GEN	3960	18.3			

HS GRADUATING CLASS
NATIONAL REPORT

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)	4936	16.6	1749	17.4	3065	16.2	1032	17.1	3886	16.5
BUSINESS OPER (04-05)	8359	16.9	2687	17.8	5431	16.5	3855	16.9	4452	16.9
TECHNICAL (06-07)	16505	16.9	5085	18.1	10907	16.4	11433	16.9	4976	16.9
SCIENCE & TECH (08-09)	10471	17.7	3503	18.7	6612	17.2	5538	17.7	4878	17.6
ARTS (10-11)	5112	17.6	1765	18.7	3180	17.0	1522	17.7	3566	17.5
SOCIAL SERVICE (12-01)	4500	16.9	1503	17.8	2882	16.4	1172	16.8	3308	16.9
OTHER*	20002	16.7	6439	17.7	12704	16.3	8687	16.7	11191	16.7
TOTAL	69885	17.0	22731	18.0	44781	16.5	33239	17.0	36257	17.0
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	102587	20.7	66819	21.5	33575	19.3	33239	21.4	68705	20.4
BUSINESS OPER (04-05)	70695	20.6	43993	21.4	25217	19.1	34044	20.6	36315	20.5
TECHNICAL (06-07)	107043	20.8	66847	21.7	37524	19.3	68998	20.9	37422	20.7
SCIENCE & TECH (08-09)	151548	22.2	99138	23.0	48505	20.8	74100	22.5	76606	22.0
ARTS (10-11)	108578	22.2	70116	22.9	35393	20.8	32515	22.5	75463	22.1
SOCIAL SERVICE (12-01)	107767	21.2	68432	21.9	36367	19.9	29146	21.4	77974	21.1
OTHER*	277505	21.1	171196	21.9	92431	19.6	120774	21.3	154844	20.9
TOTAL	925723	21.3	586541	22.1	309012	19.9	392816	21.5	527329	21.2

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

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

REFERENCE GROUP	NUMBER OF STUDENTS	ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	HS	HS
						GPA AVG	GPA SD
MALE	413126	3.09	3.01	3.26	3.11	3.11	0.64
FEMALE	558991	3.36	3.10	3.39	3.23	3.27	0.58
NO RESPONSE	5557	3.22	3.04	3.31	3.15	3.18	0.61
AFRICAN-AMERICAN/BLACK	109146	2.90	2.67	3.01	2.84	2.86	0.59
CAUCASIAN-AMERICAN/WHITE	684895	3.31	3.13	3.40	3.25	3.27	0.59
OTHER MINORITY	118024	3.22	3.06	3.30	3.14	3.18	0.61
MISSING/PREFER NO RESP	65609	3.16	2.98	3.24	3.09	3.11	0.67
TOTAL	977674	3.24	3.06	3.33	3.18	3.20	0.61

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 2003. 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 57, THIS MEANS THAT 57% 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 50 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	195	99
35	1378	99
34	3288	99
33	5825	99
32	9533	99
31	14130	98
30	20732	97
29	26209	95
28	34952	93
27	43409	90
26	51390	86
25	61352	82
24	68709	77
23	75859	71
22	82895	65
21	88580	57 <-- 57% OF THE STUDENTS SCORE AT OR BELOW 21
20	91137	50 <-- 50% OF THE STUDENTS SCORE BELOW 21
19	89550	42
18	87877	35
17	80705	27
16	72042	20
15	60292	14
14	46535	9
13	31683	5
12	17994	2
11	6682	1
10	1562	1
9	397	1
8	109	1
7	37	1
6	11	1
5	6	1
4	2	1
3	1	1
2	1	1
1	0	1