

**ACT HIGH SCHOOL PROFILE REPORT
H S GRADUATING CLASS 2004**

**HS GRADUATING CLASS
NATIONAL REPORT**

CODE 990-000

THE 2004 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 2004. 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

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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	
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
2003-04	661290	405328	56/ 35	21.5/18.7	21.7/19.1	22.3/19.8	21.7/19.6	21.9/19.4

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
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
2003-04	1171460	20.4	20.7	21.3	20.9	20.9

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	24.5	24.4	25.5	23.7	24.3
Q2 (50TH PERCENTILE - MEDIAN)	20.2	19.6	20.9	20.7	20.6
Q1 (25TH PERCENTILE)	16.1	16.6	16.4	17.9	17.3

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= 72678) (N= 6250) (N= 460895) (N= 27764) (N= 24816) (N= 14283)						
ENGLISH	17.2	19.5	22.5	18.3	21.7	19.1
USAGE/MECH	8.4	9.6	11.4	9.0	11.1	9.5
RHET SKILLS	8.8	10.1	11.5	9.3	11.0	9.8
MATHEMATICS	17.5	19.9	22.4	19.4	23.6	19.9
PRE/ELEM-ALG	8.9	10.3	12.0	10.1	12.5	10.4
ALG/CRD-GEOM	8.7	9.9	11.2	9.7	11.9	9.9
PLANE GEOM/TRIG	8.3	10.0	11.3	9.7	11.9	9.9
READING	17.8	20.8	23.2	19.4	22.1	20.2
SOC STU/SCI	8.8	10.5	11.8	9.7	11.3	10.1
ARTS/LITERATURE	9.0	10.7	11.9	9.9	11.2	10.4
SCIENCE	18.0	20.4	22.4	19.4	22.2	19.9
COMPOSITE	17.8	20.3	22.7	19.2	22.5	19.9
LESS THAN CORE (N= 50309) (N= 5166) (N= 267113) (N= 18677) (N= 10984) (N= 10390)						
ENGLISH	15.0	16.3	19.7	16.0	19.5	16.2
USAGE/MECH	7.0	7.7	9.7	7.6	9.8	7.7
RHET SKILLS	7.7	8.5	10.1	8.3	9.9	8.4
MATHEMATICS	16.1	17.2	19.7	17.4	21.6	17.5
PRE/ELEM-ALG	7.7	8.5	10.3	8.6	11.2	8.7
ALG/CRD-GEOM	7.9	8.4	9.8	8.6	10.8	8.7
PLANE GEOM/TRIG	7.5	8.6	9.9	8.6	10.9	8.7
READING	16.2	18.0	20.8	17.5	20.2	17.8
SOC STU/SCI	8.0	9.0	10.6	8.8	10.3	8.9
ARTS/LITERATURE	7.9	9.0	10.6	8.6	10.1	8.8
SCIENCE	16.6	18.0	20.3	17.7	20.6	17.8
COMPOSITE	16.1	17.5	20.3	17.3	20.6	17.5
NO RESPONSE (N= 8938) (N= 1091) (N= 59862) (N= 4230) (N= 3537) (N= 3240)						

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= 131925)	(N= 12507)	(N= 787870)	(N= 50671)	(N= 39337)	(N= 27913)
ENGLISH	16.3	17.8	21.4	17.3	21.0	17.9
USAGE/MECH	7.8	8.6	10.8	8.4	10.7	8.7
RHET SKILLS	8.3	9.3	11.0	8.9	10.7	9.2
MATHEMATICS	16.9	18.6	21.4	18.5	23.0	18.9
PRE/ELEM-ALG	8.4	9.4	11.4	9.5	12.1	9.7
ALG/CRD-GEOM	8.4	9.2	10.7	9.2	11.6	9.4
PLANE GEOM/TRIG	8.0	9.3	10.8	9.2	11.6	9.4
READING	17.1	19.3	22.3	18.5	21.5	19.1
SOC STU/SCI	8.4	9.7	11.3	9.3	11.0	9.6
ARTS/LITERATURE	8.6	9.8	11.4	9.4	10.9	9.7
SCIENCE	17.4	19.2	21.6	18.6	21.7	19.0
COMPOSITE	17.1	18.8	21.8	18.4	21.9	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	17781 20.3	3291 22.2	293843 24.5	12194 21.2	17043 24.3	6295 21.9
3.00 - 3.49	31252 17.8	2913 19.0	187002 21.1	13463 18.4	9112 20.6	6853 19.0
2.50 - 2.99	31186 16.5	2127 17.4	107335 19.3	8869 17.0	4088 18.4	4686 17.5
2.00 - 2.49	21627 15.6	1314 16.3	52215 18.0	4543 16.1	1659 17.1	2561 16.2
1.99 & BELOW	7495 14.8	542 15.5	16696 17.0	1822 15.2	520 16.2	1170 15.3
CGPA PRED BY STUDENT						
3.5 - 4.0	18363 19.9	2517 22.6	226763 24.9	9546 21.6	14685 24.7	6606 21.8
3.0 - 3.4	46396 17.7	4407 19.2	303465 21.4	18822 18.7	13415 20.9	10100 19.0
2.5 - 2.9	30843 16.1	2463 17.3	119285 19.2	9362 17.0	4245 18.5	4369 17.0
2.0 - 2.4	17521 15.1	1444 15.9	48745 17.6	4789 15.7	1707 16.7	2229 15.5
1.9 & BELOW	4691 14.3	480 14.7	10643 16.5	1471 14.6	488 15.5	797 14.6
HIGH SCHOOL RANK						
TOP QUARTER	28670 19.3	4270 21.3	320972 24.2	15035 20.9	17115 24.3	7712 21.7
2ND QUARTER	45108 16.9	3974 18.1	238553 20.4	15695 17.8	10259 19.9	8657 18.1
BOTTOM HALF	38859 15.7	2714 16.4	122758 18.4	11445 16.3	5249 17.7	6262 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	231903	20	137358	12	37920	3	4233	0
	FEMALE	295670	25	190386	16	60423	5	4390	0
	TOTAL	530749	45	329815	28	98935	8	8689	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	211980	18	110225	9	83466	7	5630	0
	FEMALE	272963	23	133279	11	137910	12	6535	1
	TOTAL	487923	42	245093	21	222597	19	12270	1
GRADING PRACTICES & POLICIES	MALE	197862	17	146760	13	60154	5	6097	1
	FEMALE	272651	23	189737	16	81062	7	6726	1
	TOTAL	473308	40	338577	29	142147	12	12905	1
NO. & KINDS OF TESTS GIVEN	MALE	187617	16	170267	15	47248	4	5524	0
	FEMALE	242664	21	226710	19	74914	6	5610	0
	TOTAL	432852	37	399372	34	123006	11	11204	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	203574	17	118752	10	68837	6	19310	2
	FEMALE	265278	23	142479	12	120691	10	21252	2
	TOTAL	471639	40	262906	22	190709	16	40797	3
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	151359	13	136821	12	112910	10	9292	1
	FEMALE	198267	17	180314	15	161957	14	9040	1
	TOTAL	351786	30	319109	27	276477	24	18470	2
LIBRARY OR LEARNING CENTER	MALE	213936	18	132921	11	52174	4	11410	1
	FEMALE	292724	25	169657	14	73559	6	13720	1
	TOTAL	509716	44	304456	26	126487	11	25321	2
LABORATORY FACILITIES	MALE	191749	16	138062	12	63626	5	16809	1
	FEMALE	242215	21	186211	16	94322	8	26603	2
	TOTAL	436678	37	326283	28	158838	14	43663	4
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	152218	13	127731	11	40025	3	90117	8
	FEMALE	204747	17	157464	13	64802	6	122145	10
	TOTAL	359265	31	287056	25	105501	9	213291	18
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	216723	19	117736	10	39499	3	36355	3
	FEMALE	306152	26	141757	12	61552	5	40043	3
	TOTAL	526091	45	261176	22	101602	9	76819	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	165698	14	148350	13	64676	6	30808	3
	FEMALE	214613	18	182760	16	108797	9	41921	4
	TOTAL	382728	33	333188	28	174430	15	73115	6

NUMBER OF STUDENTS - 1171460

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1171460)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	1085	99	1863	99	9933	99	2875	99	224	99
35	6185	99	4798	99	11041	99	3195	99	1619	99
34	11695	99	8368	99	15402	98	6892	99	3590	99
33	9960	98	6720	99	19629	97	5276	99	6586	99
32	12609	98	9372	98	13281	95	8559	98	10183	99
31	18477	96	12480	97	20775	94	4210	98	14620	98
30	21097	95	16650	96	27829	92	10697	97	20815	97
29	35050	93	26476	95	31226	90	18361	96	25966	95
28	31784	90	36311	93	55278	87	27208	95	35367	93
27	34987	87	50178	89	43447	83	30883	93	43392	90
26	49181	84	54395	85	46303	79	53921	90	52243	86
25	63027	80	54696	81	51066	75	55357	85	60966	82
24	52893	75	77064	76	74142	71	81662	81	69828	76
23	57824	70	58778	69	59671	64	75916	74	76524	71
22	69965	65	51492	64	71963	59	109957	67	82984	64
21	83699	59	58627	60	57186	53	107063	58	88993	57
20	83682	52	66924	55	77895	48	118861	49	92507	49
19	75253	45	85561	49	78402	41	103358	38	89712	41
18	77088	39	92646	42	55822	35	86951	30	87338	34
17	57843	32	112482	34	54239	30	77549	22	80502	26
16	63820	27	114765	24	64457	25	49434	16	71549	19
15	71123	22	89769	15	64298	20	38868	11	59138	13
14	49736	16	47611	7	52791	14	37825	8	43841	8
13	35847	11	22719	3	56463	10	20366	5	29798	5
12	26763	8	7236	1	32937	5	14798	3	15848	2
11	22824	6	2542	1	16466	2	11912	2	5511	1
10	16456	4	558	1	4784	1	5547	1	1319	1
9	13153	3	228	1	2578	1	2592	1	348	1
8	11845	2	53	1	849	1	837	1	91	1
7	4844	1	33	1	547	1	270	1	31	1
6	1182	1	25	1	422	1	134	1	13	1
5	352	1	14	1	164	1	70	1	8	1
4	96	1	5	1	97	1	12	1	6	1
3	24	1	15	1	28	1	28	1	0	1
2	9	1	0	1	38	1	1	1	0	1
1	2	1	6	1	11	1	15	1	0	1

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

33-36	28925	2	21749	2	56005	5	18238	2	12019	1
28-32	119017	10	101289	9	148389	13	69035	6	106951	9
24-27	200088	17	236333	20	214958	18	221823	19	226429	19
20-23	295170	25	235821	20	266715	23	411797	35	341008	29
16-19	274004	23	405454	35	252920	22	317292	27	329101	28
13-15	156706	13	160099	14	173552	15	97059	8	132777	11
01-12	97550	8	10715	1	58921	5	36216	3	23175	2
AVG(SD)	20.4(5.9)		20.7(5.0)		21.3(6.0)		20.9(4.6)		20.9(4.8)	

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

HS GRADUATING CLASS
NATIONAL REPORT

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES FOR ALL STUDENTS (NUMBER OF STUDENTS = 1171460)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	24162	99	5131	99	15541	99	36059	99	18
17	44248	98	20591	99	60967	99	66877	97	17
16	55476	94	47780	98	51780	93	59180	91	16
15	55576	89	55084	94	79008	89	81644	86	15
14	71935	85	78748	89	83485	82	61592	79	14
13	62526	79	89738	82	89565	75	96399	74	13
12	93146	73	142410	75	80958	68	124619	66	12
11	122331	65	127191	62	120981	61	101598	55	11
10	114109	55	158941	52	139520	50	107521	46	10
9	110813	45	135157	38	135081	38	95057	37	9
8	115207	36	121574	27	116169	27	88277	29	8
7	105636	26	73061	16	83301	17	78119	22	7
6	79720	17	53014	10	52504	10	70589	15	6
5	52778	10	32655	5	26714	5	69508	9	5
4	39540	5	22269	3	20112	3	23459	3	4
3	16566	2	6622	1	10079	1	7865	1	3
2	7188	1	1386	1	4296	1	2812	1	2
1	503	1	108	1	1399	1	285	1	1
AVERAGE		10.2		10.5		10.8		10.9	
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	31003	99	11071	99	6914	99	18	
17	45628	97	9391	99	6970	99	17	
16	50742	93	17915	98	34341	99	16	
15	73978	89	47735	97	62813	96	15	
14	94319	83	78495	93	74110	91	14	
13	87343	75	103022	86	106145	84	13	
12	101342	67	122138	77	140529	75	12	
11	122826	59	151281	67	108938	63	11	
10	97556	48	147914	54	193716	54	10	
9	98013	40	177547	41	125381	37	9	
8	145823	31	127920	26	134138	27	8	
7	133533	19	70753	15	61169	15	7	
6	58603	8	47383	9	57198	10	6	
5	20811	3	27583	5	10950	5	5	
4	6639	1	18778	3	28602	4	4	
3	2164	1	7277	1	4755	2	3	
2	952	1	2592	1	11938	1	2	
1	185	1	2665	1	2853	1	1	
AVERAGE		10.9		10.3		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	508835	19.9	5.9	21.3	5.3	21.1	6.1	21.3	4.9	21.0	5.0
FEMALES	653158	20.8	5.8	20.2	4.8	21.5	5.9	20.5	4.3	20.9	4.7
NO RESPONSE	9467	19.7	5.6	20.3	4.9	20.9	5.9	20.4	4.4	20.5	4.6

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	3	3	1	5	5	2	1	1	1	1	1
28-32	9	11	11	7	12	13	8	4	10	9	10	9
24-27	16	18	22	19	18	19	21	17	19	19	19	19
20-23	24	26	20	20	22	23	34	36	28	30	28	30
16-19	24	23	32	37	21	22	24	29	27	29	27	29
13-15	15	12	12	15	16	14	8	9	12	11	12	11
01-12	10	7	1	1	6	4	3	3	2	2	2	2

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

EXPRESSED ADEQUACY	TOTAL		AVG ACT COMP	BUS-COMM		VOC-OCC		COL PREP		OTHER-GEN	
	NUMBER	PCT		NUMBER	PCT	NUMBER	PCT	NUMBER	PCT	NUMBER	PCT
EXCELLENT	193153	20	23.3	5150	12	7581	11	146518	24	33904	12
GOOD	406532	41	21.2	16075	39	25854	38	254911	42	109692	40
AVERAGE	228581	23	19.3	11376	28	20507	30	114934	19	81764	30
BELOW AVERAGE	53364	5	18.9	3182	8	5535	8	24510	4	20137	7
VERY INADEQUATE	68134	7	19.8	3970	10	5771	9	40328	7	18065	7
NO RESPONSE	40125	4	21.5	1516	4	2113	3	26607	4	9889	4
NO. OF STUDENTS	989889			41269		67361		607808		273451	

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	1171460	20.4	5.9	20.7	5.0	21.3	6.0	20.9	4.6	20.9	4.8
COLLEGE CORE											
E4, M3, SS3, NS3	661290	21.5	5.7	21.7	5.0	22.3	5.9	21.7	4.5	21.9	4.7
In between	262878	19.0	5.6	19.2	4.6	20.1	5.8	19.7	4.3	19.6	4.5
E4, M2, SS2, NS2	142450	18.0	5.8	18.8	4.8	19.4	5.9	19.2	4.6	19.0	4.7
No Response	104842	20.2	6.1	20.7	5.2	21.2	6.2	20.6	4.7	20.8	5.0
HS GPA RANGES											
3.50 - 4.00	381767	24.0	5.2	23.9	4.8	24.6	5.6	23.4	4.3	24.1	4.3
3.00 - 3.49	273792	19.9	4.9	20.1	4.2	20.8	5.4	20.5	3.9	20.5	3.9
2.50 - 2.99	173457	17.7	4.7	18.1	3.6	18.8	5.0	18.9	3.8	18.5	3.6
2.00 - 2.49	93253	16.1	4.5	16.9	3.1	17.3	4.7	17.7	3.7	17.1	3.3
1.99 & below	32445	14.9	4.4	16.1	2.7	16.3	4.4	16.8	3.6	16.1	3.2

HS GRADUATING CLASS
NATIONAL REPORTTABLE 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	359200	3.35	20.9	21.3
ENG 9, ENG 10, ENG 11, ENG 12	615956	3.22	20.4	20.9
LESS THAN 4 YEARS OF ENGLISH	88995	3.03	18.8	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	107309	- . -	20.2	20.8
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	67124	3.53	24.6	24.3
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	95487	3.27	22.1	22.4
ALG 1, ALG 2, GEOM, TRIG	101799	3.06	20.3	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	147256	3.07	20.2	20.7
ALG 1, ALG 2, GEOM	216848	2.66	17.7	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	249477	3.46	23.9	23.6
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	56491	3.08	20.2	20.5
LESS THAN 3 YEARS OF MATH	122933	2.44	17.2	17.7
NO MATH COURSE/GRADE INFORMATION REPORTED	114045	- . -	20.6	20.8
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	31652	3.40	22.4	21.9
US HIST, WORLD HIST, AM GOVT	67693	3.24	20.9	20.6
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	450605	3.44	21.8	21.3
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	339349	3.31	21.3	21.0
LESS THAN 3 YEARS OF SOC SCI	168258	3.13	20.2	19.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	113903	- . -	21.2	20.8
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	325543	3.41	22.3	22.5
BIOLOGY, CHEMISTRY, PHYSICS	120701	3.35	23.1	23.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	342643	3.11	20.1	20.1
OTHER COMBINATIONS OF 3 YEARS NAT SCI	33450	3.14	20.5	20.4
LESS THAN 3 YEARS OF NAT SCI	232842	2.89	18.9	18.7
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	116281	- . -	20.6	20.8

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	150481	3.21	20.4	21.5
ENG 9, ENG 10, ENG 11, ENG 12	260183	3.07	19.9	21.1
LESS THAN 4 YEARS OF ENGLISH	43934	2.88	18.3	19.8
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	54237	- . -	19.6	20.7
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	30049	3.49	25.3	24.4
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	34452	3.19	22.8	22.5
ALG 1, ALG 2, GEOM, TRIG	41495	2.98	20.9	20.8
ALG 1, ALG 2, GEOM, OTHER ADV MATH	52973	2.98	20.8	20.7
ALG 1, ALG 2, GEOM	88120	2.57	18.1	18.4
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	121280	3.42	24.6	23.9
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	26942	3.00	20.6	20.5
LESS THAN 3 YEARS OF MATH	55990	2.37	17.5	17.6
NO MATH COURSE/GRADE INFORMATION REPORTED	57534	- . -	21.0	20.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	15406	3.33	22.1	21.9
US HIST, WORLD HIST, AM GOVT	32474	3.17	20.7	20.7
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	182122	3.39	21.6	21.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	142667	3.25	21.1	21.1
LESS THAN 3 YEARS OF SOC SCI	78442	3.05	19.9	20.0
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	57724	- . -	20.8	20.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	152993	3.37	23.0	22.8
BIOLOGY, CHEMISTRY, PHYSICS	53535	3.31	23.9	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	125718	2.99	20.4	19.9
OTHER COMBINATIONS OF 3 YEARS NAT SCI	18106	3.10	21.1	20.7
LESS THAN 3 YEARS OF NAT SCI	99672	2.77	19.0	18.4
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	58811	- . -	20.9	20.7

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	206462	3.45	21.2	21.2
ENG 9, ENG 10, ENG 11, ENG 12	351694	3.33	20.7	20.8
LESS THAN 4 YEARS OF ENGLISH	43979	3.19	19.3	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	51023	- . -	20.8	20.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	36604	3.57	24.0	24.1
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	60503	3.31	21.7	22.4
ALG 1, ALG 2, GEOM, TRIG	59569	3.11	19.9	20.7
ALG 1, ALG 2, GEOM, OTHER ADV MATH	93336	3.12	19.9	20.8
ALG 1, ALG 2, GEOM	127139	2.71	17.4	18.5
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	126788	3.50	23.2	23.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	29108	3.15	19.9	20.5
LESS THAN 3 YEARS OF MATH	65772	2.49	16.9	17.7
NO MATH COURSE/GRADE INFORMATION REPORTED	54339	- . -	20.3	20.8
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	16065	3.46	22.7	21.9
US HIST, WORLD HIST, AM GOVT	34750	3.30	21.1	20.5
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	265593	3.48	21.9	21.2
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	194496	3.36	21.4	20.8
LESS THAN 3 YEARS OF SOC SCI	88257	3.20	20.4	19.9
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	53997	- . -	21.6	20.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	170605	3.45	21.7	22.3
BIOLOGY, CHEMISTRY, PHYSICS	66324	3.39	22.4	23.3
GEN SCIENCE, BIOLOGY, CHEMISTRY	214602	3.18	20.0	20.2
OTHER COMBINATIONS OF 3 YEARS NAT SCI	15113	3.19	19.7	20.0
LESS THAN 3 YEARS OF NAT SCI	131267	2.98	18.8	18.9
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	55247	- . -	20.3	20.9

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 (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC (PERCENT)	EDUC 1ST MAJOR (PERCENT)	EDUC 1ST VOC (PERCENT)
AGRICULTURE SCIENCE/TECH	16614	18.8	38	47	3	3	1	1	2	2
ARCH & ENVIR DESIGN	24929	20.8	39	47	3	3	2	2	3	3
BUSINESS & MGMT	93005	20.4	33	51	12	12	8	8	10	9
BUSINESS & OFFICE	6833	19.0	26	54	1	1	1	1	1	1
MARKETING & DISTRIBUTION	7875	20.1	29	52	1	1	1	1	1	1
COMMUNICATION & COMM TEC	33788	21.3	36	49	3	3	4	4	4	4
COMMUNITY & PRSNL SVCS	30831	18.6	47	42	3	4	3	4	3	4
COMPUTER & INFO SCI	31581	21.2	39	49	7	6	1	1	3	3
CROSS-DISC STUDIES	1311	23.7	21	48	0	0	0	0	0	0
EDUCATION	49180	20.5	47	43	2	2	7	8	5	5
TEACHER EDUCATION	30364	20.1	46	43	3	3	4	4	3	4
ENGINEERING	48438	22.4	35	51	10	9	1	1	5	5
ENGINEERING-RELATED TECH	26020	21.8	35	52	6	6	1	1	3	3
FOREIGN LANGUAGES	4682	23.5	36	46	0	0	1	0	0	0
HEALTH SCI & ALLIED HLTH	193533	20.5	52	40	11	11	28	29	20	22
HUMAN, FAMILY/CONS SCI	10936	18.7	43	43	0	1	2	2	1	1
LETTERS	6440	24.5	33	50	0	0	1	1	1	1
MATHEMATICS	4691	24.1	27	52	1	0	0	0	0	0
PHILOS, RELIG & THEOL	6772	22.5	46	40	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	47806	23.4	37	49	5	4	5	4	5	4
SOCIAL SCIENCES	77711	21.9	41	46	6	5	10	10	8	8
TRADE & INDUSTRIAL	13499	18.5	46	41	3	4	0	0	1	2
VISUAL & PERFORM ARTS	61041	20.9	46	42	6	7	7	7	6	7
UNDECIDED	116835	21.1	8	15	14	13	11	10	12	11
NO RESPONSE	226745									

NUMBER OF STUDENTS - 1171460

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	108630	18.2 9	AFRICAN-AMER/BLACK	131925	17.1 11
COLL PREP	607808	22.2 52	AM INDIAN,ALASKAN NTV	12507	18.8 1
OTHER/GENERAL/NO RESP	455022	19.9 39	CAUCASIAN-AMER/WHITE	787870	21.8 67
REQUEST ASSISTANCE WITH			MEXICAN-AMER/CHICANO	50671	18.4 4
ED/OCCUP PLANS	428998	21.0 37	ASIAN-AMER,PACIFIC ISL	39337	21.9 3
EXPR IDEAS IN WRITING	231071	19.4 20	PUERTO RICAN,HISPANIC	27913	18.8 2
READING/COMPREHENSION	279702	19.2 24	OTHER	19171	19.4 2
STUDY SKILLS	430282	19.5 37	MULTIRACIAL	19081	20.9 2
MATH SKILLS	408280	19.1 35	PREFER NOT TO RESPOND	33112	22.0 3
PERSONAL CONCERNS	108961	19.2 9	NO RESPONSE	49873	20.7 4
EXPRESSED FIN NEED			ESTIMATED FAMILY INCOME		
NEED FINANCIAL AID	869212	20.9 74	LESS THAN \$18,000	90295	18.0 8
NEED TO FIND WORK	745878	20.6 64	ABOUT \$18,000-\$24,000	72399	18.7 6
SPECIAL COLLEGE PROG			ABOUT \$24,000-\$30,000	67033	19.4 6
INDEP STUDY	378685	21.8 32	ABOUT \$30,000-\$36,000	65942	19.9 6
HONORS COURSES	321464	23.4 27	ABOUT \$36,000-\$42,000	72033	20.4 6
ADV PLACEMENT IN COLL			ABOUT \$42,000-\$50,000	84442	20.9 7
ENGLISH	282934	22.9 24	ABOUT \$50,000-\$60,000	98738	21.3 8
MATH	251366	23.4 21	ABOUT \$60,000-\$80,000	138922	21.9 12
SOCIAL STUDIES	253295	22.9 22	ABOUT \$80,000-\$100,000	96723	22.5 8
NATURAL SCIENCE	216695	23.0 18	MORE THAN \$100,000	117108	23.5 10
FOREIGN LANG	194623	22.4 17	NO RESPONSE	267825	21.1 23
MAX YEARLY COLL TUITION			HS CLASS RANK		
\$1000 & UNDER	40782	16.7 3	TOP QTR	426971	23.7 36
\$1001 - \$2000	46838	17.9 4	2ND QTR	349014	19.7 30
\$2001 - \$4000	110591	19.2 9	3RD QTR	177286	17.7 15
\$4001 - \$7500	149410	20.6 13	4TH QTR	26603	16.6 2
\$7501 & OVER	59199	21.4 5	NO RESPONSE	191586	20.7 16
NO PREFERENCE	562961	21.8 48	EDUC DEG ASPIRATION		
NO RESPONSE	201679	21.0 17	VOC-TECH	15752	16.9 1
MOST RECENTLY TESTED			2YR COL DEGREE	52856	17.1 5
SOPHOMORE	8101	21.1 1	BACHELORS DEGREE	386658	20.2 33
JUNIOR	428260	21.5 37	GRAD STUDY	213346	22.6 18
SENIOR	687951	20.5 59	PROF LEVEL DEGREE	318784	22.1 27
OTHER/NO RESPONSE	47148	22.1 4	OTHER	35448	18.2 3
COLLEGE CORE PREPARATION			NO RESPONSE	148616	20.5 13
CORE OR MORE	661290	21.9 56	NUMBER OF STUDENTS		
LESS THAN CORE	405328	19.4 35	HOME SCHOOLED	7858	22.6 1
NO RESPONSE	104842	20.8 9	EARNED A GED	1381	18.9 0
			ALL STUDENTS	1171460	20.9 100

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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	(16614)	(18.8)	BUSINESS & OFFICE	(6833)	(19.0)
AGRICULTURAL BUSINESS	944	18.8	BOOKKEEPING/ACCT TECH	816	19.8
AGRICULTURAL ECONOMICS	130	19.3	BUSINESS DP/COMPUTER OPER	297	17.4
AGRICULTURAL MECHANICS	355	17.3	COURT REPORTING	122	17.6
AGRI PRODUCTION/TECH	208	18.6	OFFICE SUPERVISION & MGMT	415	18.4
AGRONOMY	221	20.2	SECRETARIAL	623	17.6
ANIMAL SCIENCES	2061	20.7	TYPING & GENERAL OFFICE	136	16.5
FARM & RANCH MANAGEMENT	622	18.7	WORD PROCESSING	56	16.9
FISH, GAME, WILDLIFE MGMT	2323	18.7	BUSINESS & OFFICE, GEN	4368	19.4
FOOD SCIENCES/ENGINEERING	205	19.0			
FORESTRY & RELATED SCI	780	19.1	MARKETING & DISTRIBUTION	(7875)	(20.1)
HORTICULTURE/ORNMENTAL HORT	435	19.6	FASHION MERCHANDISING	2056	18.8
NATURAL RESOURCES MGMT	228	19.6	RETAILING & SALES	577	19.1
AGRICULTURE & AG TECH, GEN	8102	18.3	TRAVEL SERVICES & TOURISM	217	17.6
			MARKETING & DISTRIB, GEN	5025	20.8
ARCH & ENVIR DESIGN	(24929)	(20.8)			
ARCHITECTURAL DRAFTING	4232	19.9	COMMUNICATIONS & COMM TECH	(33788)	(21.3)
ARCHITECTURE	4262	22.5	ADVERTISING	2146	21.3
BLDG CON/CONSTRUCTION SCI	866	17.8	GRAPHIC/COMMERCIAL ART	1773	19.6
CITY, COMM & REG PLANNING	146	19.8	GRAPHIC & PRINT COMMUNIC	343	19.3
ENVIRONMENTAL DESIGN	151	18.3	JOURNALISM	6693	22.7
INTERIOR DESIGN	4120	20.0	PHOTO/FILM/VIDEO TECH	1804	19.6
LANDSCAPE ARCHITECTURE	1035	19.6	PUBLIC RELATIONS	1417	21.9
ARCHI & ENVIR DESIGN, GEN	10117	21.1	RADIO/TV BROADCASTING	4822	20.0
			RADIO/TV PRODUCTN & TECH	702	19.7
BUSINESS & MGMT	(93005)	(20.4)	COMMUNIC & COMM TECH, GEN	14088	21.7
ACCOUNTING	10310	20.4			
BANKING & FINANCE	2431	21.4	COMMNTY & PRSNL SVCS	(30831)	(18.6)
BUSINESS ADMIN & MGMT	12790	19.8	CORRECTIONS	130	17.2
BUSINESS ECONOMICS	1642	21.7	COSMETOLOGY/HAIRSTYLING	2571	16.7
CONTRACT MGMT & PURCHSING	168	17.6	CRIMINAL JUSTICE/CRIMINOL	10524	19.0
HOTEL/RESTAURANT MGMT	1834	19.2	FIRE PROTECTN/SAFETY TECH	1065	18.0
HUMAN RESOURCE DEVEL/TRNG	246	19.3	FUNERAL SVCS/MORTUARY SCI	296	17.4
INSTITUTIONAL MANAGEMENT	37	18.5	LAW ENFORCEMENT & ADMIN	4258	18.1
INSURANCE & RISK MGMT	166	19.5	LIBRARY SCI/LIB ASSISTING	125	22.4
INTERNATL BUSINESS/MGMT	3156	22.0	MILITARY SCIENCE/TECH	691	20.7
LABOR/INDUSTRL RELATIONS	57	18.3	PARKS & RECREATION	157	19.0
MANAGEMENT INFO SYSTEMS	243	20.8	PUBLIC ADMINISTRATION	79	19.0
MANAGEMENT SCIENCE	133	19.6	PUBLIC AFFAIRS	133	19.4
MARKETING MGMT & RESEARCH	2380	20.7	SOCIAL WORK	2696	18.8
ORGANIZATIONAL BEHAVIOR	39	18.9	COMMNTY & PRSNL SVCS, GEN	8106	19.0
PERSONNEL MANAGEMENT	221	19.8			
REAL ESTATE	1402	17.8			
SML BUSINESS MGMT/OWNRSHIP	4033	19.4			
TRADE & INDUSTRIAL MGMT	117	19.0			
TRANSPORTATION MANAGEMENT	98	18.6			
BUSINESS & MGMT, GEN	51502	20.6			

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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(31581)	(21.2)	ENGINEERING	(48438)	(22.4)
COMPUTER PROGRAMMING	11289	20.6	AEROSPACE ENGINEERING	4217	24.6
COMPUTER SCIENCE	6418	22.2	AGRICULTURAL ENGINEERING	487	21.0
DATA PROCESSING	195	17.5	ARCHITECTURAL ENGINEERING	714	22.1
INFO SCIENCES & SYSTEMS	928	21.6	BIOENGINEER & BIOMED ENG	1314	26.1
MATH/COMPUTER SCIENCE	647	24.1	CERAMIC ENGINEERING	30	19.4
COMPUTER & INFO SCI, GEN	12104	21.1	CHEMICAL ENGINEERING	1944	25.0
CROSS-DISC STUDIES	(1311)	(23.7)	CIVIL ENGINEERING	2120	23.0
AREA & ETHNIC STUDIES	158	22.0	COMPUTER ENGINEERING	3582	21.0
LIBERAL ARTS/GEN STUDIES	654	24.0	CONSTRUCTION ENG/MGMT	756	18.8
MULTI-/INTERDISC STUDIES	122	25.5	ELECTRCL & ELECTRONIC ENG	2932	21.2
CROSS-DISC STUDIES, GEN	377	23.2	ENGINEERING MANAGEMENT	137	19.2
EDUCATION	(49180)	(20.5)	ENGINEERING PHYSICS	358	25.4
ADULT & CONTINUING EDUC	163	21.3	ENGINEERING SCIENCE	145	22.4
EDUCATION ADMINISTRATION	374	19.3	ENVIRONMENTAL HEALTH ENG	113	22.6
ELEMENTARY EDUCATION	16308	20.1	GEOLOGICAL & GEOPHYS ENG	69	20.3
JR HIGH/MIDDLE SCH EDUC	2527	19.8	INDUSTRIAL ENGINEERING	465	21.4
PRE-ELEMENTARY EDUCATION	2911	18.4	MATERIALS ENGINEERING	120	24.3
SECONDARY EDUCATION	6124	22.2	MECHANICAL ENGINEERING	6116	22.1
STUDENT COUNSELING	590	19.3	METALLURGICAL ENGINEERING	62	21.4
TEACHER AIDE	52	16.5	MINING & MINERAL ENG	38	19.8
EDUCATION, GENERAL	20131	20.7	NAVAL ARCHIT & MARINE ENG	146	21.8
TEACHER EDUCATION	(30364)	(20.1)	NUCLEAR ENGINEERING	328	23.2
AGRICULTURAL EDUCATION	229	19.2	OCEAN ENGINEERING	66	19.5
ART EDUCATION	886	20.0	PETROLEUM ENGINEERING	140	21.4
BUSINESS EDUCATION	174	18.5	SYSTEMS ENGINEERING	78	20.9
ENGLISH EDUCATION	2073	21.9	ENGINEERING, GENERAL	21961	22.1
FOREIGN LANGUAGES EDUC	362	21.2	ENGINEERING-RELATED TECH	(26020)	(21.8)
HEALTH EDUCATION	230	17.5	AERONAUTICAL TECHNOLOGY	1991	23.8
HUMAN, FAM/CONS SCI EDUC	123	18.4	AC, HEATING, REFRIG TECH	215	16.5
INDUSTRIAL ARTS EDUCATION	39	19.6	ARCHITECTURAL DESIGN TECH	1124	21.5
MATHEMATICS EDUCATION	1553	21.6	BIOMEDICAL EQUIPMENT TECH	245	25.1
MUSIC EDUCATION	3152	21.8	CIVIL ENGINEERING TECH	812	22.6
PHYSICAL EDUCATION	3825	17.8	COMPUTER ENGINEERING TECH	2885	21.4
SCIENCE EDUCATION	457	21.7	CONSTRUCTION/BLDG TECH	489	18.3
SOC STUDIES/SOC SCI EDUC	1749	21.1	DRAFTING & DESIGN TECH	824	19.6
SPECIAL EDUCATION	1389	19.7	ELECTRICAL ENG TECHNOLOGY	1779	20.8
SPEECH CORRECTION EDUC	136	19.5	ELECTRONIC ENG TECHNOLOGY	970	19.9
TEACHING ENGL AS 2ND LANG	119	19.5	ELECTROMECHAN INSTR TECH	78	19.3
TECH/TRADE & IND ED	96	18.9	ENVIRONMENTAL CONTRL TECH	63	21.4
TEACHER EDUCATION, OTHER	875	18.9	INDUSTRRL PRODUCTION TECH	107	20.7
TEACHER EDUCATION, GEN	12897	20.0			

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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	81	20.3	HUMAN, FAMILY/CONS SCI	(10936)	(18.7)
MANUFACTURING TECHNOLOGY	112	18.3	CHILD DEV, CARE, GUIDANCE	1596	17.4
MECHANICAL ENG TECH	2991	21.7	CHILD CARE AIDE/ASSISTING	395	15.8
MINING & PETROLEUM TECH	45	20.6	CULINARY ARTS	2492	18.6
OCCUPATL SFTY & HLTH TECH	16	18.9	FAMILY/CONS RESOURCE MGMT	69	18.3
SURVEYING & MAPPING TECH	82	19.5	FASHION DESIGN	1262	18.9
ENGINEERING TECH, OTHER	652	21.5	FOOD PRODUCTN, MGMT, SVCS	306	18.4
ENGINEER-RELATD TECH, GEN	10459	22.4	FOOD SCI & NUTR/DIETETICS	699	21.5
			HUMAN ENVIRON & HOUSING	61	18.6
FOREIGN LANGUAGES	(4682)	(23.5)	INDIVIDUAL & FAMILY DEVEL	151	19.3
ASIATIC LANGUAGES	420	23.9	TEXTILES AND CLOTHING	132	19.9
CLASSICAL LANGUAGES	127	27.1	HUMAN, FAM/CONS SCI, GEN	3773	19.1
FRENCH	461	24.4			
GERMAN	261	23.9	LETTERS	(6440)	(24.5)
ITALIAN	47	20.8	CLASSICS	68	26.5
MIDDLE EASTERN LANGUAGES	82	23.3	COMPARATIVE LITERATURE	84	25.5
RUSSIAN	71	23.2	CREATIVE WRITING	2396	23.5
SPANISH	1393	22.7	ENGLISH, GENERAL	1998	25.4
FOREIGN LANGUAGES, OTHER	271	21.6	LINGUISTICS	148	25.8
FOREIGN LANGUAGES, GEN	1549	24.0	LITERATURE, ENGLISH/AMER	537	24.6
			SPEECH & RHETORICAL STUDY	36	21.7
HEALTH SCI & ALLIED HLTH	(193533)	(20.5)	LETTERS, GENERAL	1173	24.5
CHIROPRACTIC	1208	20.1			
DENTAL ASSISTING	539	16.7	MATHEMATICS	(4691)	(24.1)
DENTAL HYGIENE	3049	18.4	ACTUARIAL SCIENCES	301	25.8
DENTAL LAB/TECHNOLOGY	140	17.9	APPLIED MATHEMATICS	505	23.3
DENTISTRY	4524	21.1	STATISTICS	162	23.5
EMERG MED TECH/PARAMEDIC	1282	18.3	MATHEMATICS, GENERAL	3723	24.1
HEALTH CARE ADMIN	662	18.7			
MEDICAL/SURG ASSISTING	3015	18.8	PHILOS, RELIG & THEOLOGY	(6772)	(22.5)
MEDICAL LAB/TECHNOLOGY	1367	19.9	BIBLE STUDIES	613	22.1
MED RECORDS ADMIN/TECH	454	18.2	PHILOSOPHY	849	23.7
MEDICINE	30546	22.8	RELIGION	823	22.0
MNTL HLTH & HUM SVCS/TECH	783	20.1	RELIGIOUS EDUCATION	644	21.7
NUCLEAR MEDICINE TECH	312	19.9	RELIGIOUS MUSIC	271	21.5
NURSING (PRACTICAL)	5155	17.0	THEOLOGY	896	23.0
NURSING (REGISTERED)	29433	18.8	PHILOS, RELIG & THEOL, GEN	2676	22.6
OCCUPATNL THERAPY/ASSIST	1402	19.4			
OPTOMETRY	1375	21.5			
PHARMACY	10389	21.7			
PHYSICIAN ASSISTING	1287	19.8			
PHYSICAL THERAPY/ASSIST	14198	20.0			
RADIOLOGY/RADIOLOGIC TECH	4859	18.9			
REC/ART/MUSIC THERAPY	327	20.7			
RESPIRATORY THERAPY/TECH	358	18.1			
SPEECH PATHOL/AUDIOLOGY	687	21.4			
VETERINARIAN ASSISTING	1144	18.0			
VETERINARY MEDICINE	6769	21.8			
HEALTH SCI & ALLIED, GEN	68269	20.6			

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TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL)	(47806)	(23.4)	VISUAL/PERFORM ARTS	(61041)	(20.9)
ASTRONOMY	1185	22.4	APPLIED DESIGN/CRAFTS	452	20.4
ATMOSPHER SCI & METEOROL	1355	21.8	ART	4712	20.3
BIOCHEMISTRY & BIOPHYSICS	2708	25.3	ART HIST & APPRECIATION	302	22.8
BIOLOGY	14072	23.3	CINEMATOGRAPHY/FILM/VIDEO	3684	22.0
BOTANY	202	21.8	DANCE	1898	19.9
CHEMISTRY	4455	24.2	DESIGN, GENERAL	2140	20.5
EARTH SCIENCE	331	21.0	DRAMA/THEATRE ARTS	5921	22.0
ECOLOGY/ENV STUDIES	1047	23.4	FINE ARTS, GENERAL	1168	21.8
GEOLOGY	383	22.9	GRAPHIC ARTS TECHNOLOGY	1499	20.4
MICROBIOLOGY	1020	24.5	GRAPHIC DESIGN	4265	20.7
OCEANOGRAPHY	1458	20.6	MUSIC (LIBERAL ARTS)	2225	22.4
PHYSICS	1828	26.9	MUSIC PERFORMANCE	7176	21.5
ZOOLOGY	3102	21.7	MUSIC THEORY & COMPOSIT	1799	21.7
SCIENCES (BIO & PHYS), GEN	14660	23.3	PHOTOGRAPHY	3101	19.7
			VISUAL/PERFORM ARTS, GEN	20699	20.5
SOCIAL SCIENCES	(77711)	(21.9)	UNDECIDED	(116835)	(21.1)
ANTHROPOLOGY	1207	23.9			
ECONOMICS	388	25.5			
GEOGRAPHY	175	20.9			
HISTORY	4872	23.3			
INTERNATIONAL RELATIONS	1866	25.5			
LAW	16833	21.5			
PARALEGAL/LEGAL ASSISTING	831	18.5			
POLITICAL SCI/GOVERNMENT	5749	24.0			
PSYCHOLOGY	25907	21.3			
SOCIOLOGY	1792	20.4			
URBAN STUDIES	79	21.6			
SOCIAL SCIENCES, GENERAL	18012	22.0			
TRADE & INDUSTRIAL	(13499)	(18.5)			
AIRCRAFT TECHNICIAN	252	18.3			
AIRPLANE PILOTING & NAVIG	2021	21.1			
AUTOMOTIVE BODY REPAIR	1054	17.0			
AUTOMOTIVE TECHNOLOGY	2668	18.3			
AVIATION MANAGEMENT	87	19.5			
COMPUTER ELECTRNCS/REPAIR	319	19.0			
CONSTRCT TRADES & CARPENT	705	17.8			
DIESEL MECHANICS & TECH	510	17.0			
DRAFTING	206	18.5			
ELECTRICAL EQUIP REPAIR	435	17.7			
HEATING, AC, REFRIG MECH	160	17.1			
MACHINE TECHNOLOGY	256	18.0			
MECHANICAL DRAFTING	72	19.4			
WELDING & WELDING TECH	699	17.0			
TRADE & INDUSTRIAL, GEN	4055	18.2			

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)	4567	16.7	1695	17.5	2804	16.2	907	16.9	3631	16.6
BUSINESS OPER (04-05)	8136	17.0	2736	17.9	5200	16.6	3804	16.8	4286	17.1
TECHNICAL (06-07)	16333	17.0	5154	18.0	10672	16.5	11284	17.0	4924	16.9
SCIENCE & TECH (08-09)	10678	17.7	3613	18.7	6732	17.1	5711	17.6	4899	17.7
ARTS (10-11)	4900	17.7	1723	18.7	3030	17.1	1456	17.7	3405	17.7
SOCIAL SERVICE (12-01)	4389	17.0	1531	17.9	2747	16.4	1075	16.8	3286	17.0
OTHER*	19605	16.8	6567	17.8	12162	16.3	8357	16.7	11121	16.9
TOTAL	68608	17.1	23019	18.0	43347	16.6	32594	17.1	35552	17.1
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	98904	20.8	64406	21.4	32325	19.4	31891	21.4	66379	20.5
BUSINESS OPER (04-05)	70187	20.6	43787	21.5	24904	19.2	34089	20.7	35688	20.6
TECHNICAL (06-07)	109068	20.9	68428	21.8	37999	19.4	69724	21.0	38636	20.8
SCIENCE & TECH (08-09)	151522	22.3	99237	23.1	48288	20.9	73942	22.6	76692	22.1
ARTS (10-11)	106294	22.3	68602	23.0	34836	21.0	31839	22.6	73745	22.2
SOCIAL SERVICE (12-01)	103616	21.3	65966	22.0	34939	20.0	27619	21.4	75294	21.3
OTHER*	279197	21.2	169424	22.0	92431	19.8	120996	21.4	156145	21.0
TOTAL	918788	21.4	579850	22.2	305722	20.0	390100	21.6	522579	21.3

* 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	402621	3.10	3.02	3.27	3.12	3.13	0.64
FEMALE	546103	3.37	3.12	3.40	3.24	3.28	0.58
NO RESPONSE	5990	3.21	3.02	3.30	3.14	3.17	0.61
AFRICAN-AMERICAN/BLACK	109341	2.91	2.68	3.01	2.83	2.86	0.59
CAUCASIAN-AMERICAN/WHITE	657091	3.33	3.15	3.41	3.26	3.29	0.59
OTHER MINORITY	119740	3.22	3.07	3.30	3.15	3.18	0.61
MISSING/PREFER NO RESP	68542	3.19	3.01	3.27	3.12	3.15	0.67
TOTAL	954714	3.25	3.08	3.34	3.19	3.21	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 2004. 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 49 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	224	99
35	1619	99
34	3590	99
33	6586	99
32	10183	99
31	14620	98
30	20815	97
29	25966	95
28	35367	93
27	43392	90
26	52243	86
25	60966	82
24	69828	76
23	76524	71
22	82984	64
21	88993	57 <-- 57% OF THE STUDENTS SCORE AT OR BELOW 21
20	92507	49 <-- 49% OF THE STUDENTS SCORE BELOW 21
19	89712	41
18	87338	34
17	80502	26
16	71549	19
15	59138	13
14	43841	8
13	29798	5
12	15848	2
11	5511	1
10	1319	1
9	348	1
8	91	1
7	31	1
6	13	1
5	8	1
4	6	1
3	0	1
2	0	1
1	0	1