

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

**STATE COMPOSITE FOR
NEW MEXICO**

CODE 320-000

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

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

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THE TABLE BELOW COMPARES AVERAGE ACT SCORES FOR STUDENTS WHO REPORTED THEY COMPLETED OR PLANNED TO COMPLETE THE RECOMMENDED CORE COLLEGE PREPARATORY CURRICULUM WITH THOSE WHO HAD NOT. PLEASE NOTE THAT STATE DEPARTMENTS OF EDUCATION MAY HAVE A DIFFERENT DEFINITION OF THE COLLEGE PREPARATORY COURSES AND MAY, THEREFORE, PUBLISH REPORTS SHOWING SLIGHTLY DIFFERENT DATA. SEE APPENDIX FOR DEFINITION OF CORE.

EXECUTIVE SUMMARY - AVERAGE ACT SCORES BY LEVEL OF ACADEMIC PREPARATION

	NUMBER CORE/LESS	PERCENT CORE/LESS	ENGLISH CORE/LESS	MATH CORE/LESS	READING CORE/LESS	SCIENCE CORE/LESS	COMPOSITE CORE/LESS	
2000-01	6582	5087	54/ 42	20.6/17.5	20.5/17.7	21.6/18.9	21.3/18.9	21.1/18.4
2001-02	6345	4887	54/ 41	20.5/17.6	20.5/17.9	21.8/19.1	21.2/18.9	21.1/18.5
2002-03	6207	5036	52/ 42	20.6/17.7	20.4/17.9	21.7/19.3	21.1/19.0	21.1/18.6
2003-04	6118	4995	51/ 42	20.8/17.8	20.7/17.9	22.0/19.3	21.3/18.9	21.3/18.6
2004-05	6008	4922	51/ 42	20.7/17.9	20.5/18.0	21.8/19.4	21.1/18.9	21.1/18.7

EXECUTIVE SUMMARY - AVERAGE ACT SCORES FOR TOTAL GROUP

	NUMBER	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
2000-01	12119	19.2	19.3	20.4	20.2	19.9
2001-02	11791	19.2	19.4	20.6	20.2	20.0
2002-03	11871	19.3	19.3	20.6	20.1	19.9
2003-04	11912	19.4	19.4	20.8	20.2	20.1
2004-05	11858	19.4	19.4	20.6	20.1	20.0

EXECUTIVE SUMMARY - ACT SCORE QUARTILE VALUES FOR TOTAL GROUP

	ENGLISH	MATH	READING	SCIENCE	COMPOSITE
Q3 (75TH PERCENTILE)	23.3	22.5	24.7	22.8	23.1
Q2 (50TH PERCENTILE - MEDIAN)	19.1	18.0	20.0	19.9	19.4
Q1 (25TH PERCENTILE)	15.1	15.8	15.8	17.3	16.4

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= 87)	(N= 508)	(N= 2464)	(N= 1333)	(N= 123)	(N= 600)
ENGLISH	18.6	16.4	22.6	19.1	21.4	19.2
USAGE/MECH	9.0	7.7	11.4	9.3	10.9	9.4
RHET SKILLS	9.7	8.5	11.8	9.9	11.0	9.9
MATHEMATICS	18.3	17.8	22.0	19.1	23.0	19.0
PRE/ELEM-ALG	9.4	8.8	11.7	9.8	12.3	9.8
ALG/CRD-GEOM	9.0	9.0	10.9	9.5	11.5	9.4
PLANE GEOM/TRIG	8.8	8.9	11.2	9.6	11.5	9.5
READING	19.1	18.0	23.6	20.1	22.3	20.2
SOC STU/SCI	9.7	9.2	12.1	10.2	11.3	10.3
ARTS/LITERATURE	9.6	8.7	12.2	10.2	11.4	10.2
SCIENCE	19.0	18.8	22.5	19.8	22.4	19.8
COMPOSITE	18.9	17.8	22.8	19.6	22.3	19.7
LESS THAN CORE	(N= 86)	(N= 424)	(N= 1702)	(N= 1293)	(N= 62)	(N= 489)
ENGLISH	16.8	14.2	20.1	16.3	18.4	16.7
USAGE/MECH	8.0	6.5	10.0	7.7	9.0	7.9
RHET SKILLS	8.7	7.3	10.4	8.5	9.4	8.6
MATHEMATICS	17.2	16.1	19.3	17.0	19.2	17.1
PRE/ELEM-ALG	8.5	7.6	9.9	8.3	9.9	8.4
ALG/CRD-GEOM	8.7	7.9	9.6	8.3	9.7	8.4
PLANE GEOM/TRIG	8.5	7.9	9.8	8.4	9.6	8.4
READING	17.4	16.2	21.4	17.8	19.5	18.3
SOC STU/SCI	8.9	8.2	10.9	8.9	10.2	9.2
ARTS/LITERATURE	8.5	7.8	10.9	8.9	9.6	9.1
SCIENCE	17.8	17.2	20.2	17.9	19.4	17.9
COMPOSITE	17.5	16.0	20.4	17.4	19.3	17.6
NO RESPONSE	(N= 11)	(N= 133)	(N= 325)	(N= 169)	(N= 20)	(N= 66)

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 R ICAN, HISPANIC AVERAGE
TOTAL GROUP	(N= 184)	(N= 1065)	(N= 4491)	(N= 2795)	(N= 205)	(N= 1155)
ENGLISH	17.7	15.2	21.6	17.7	20.5	18.0
USAGE/MECH	8.5	7.0	10.8	8.5	10.3	8.7
RHET SKILLS	9.1	7.9	11.2	9.2	10.5	9.3
MATHEMATICS	17.7	16.9	20.9	18.1	21.6	18.2
PRE/ELEM-ALG	8.9	8.2	11.0	9.1	11.5	9.2
ALG/CRD-GEOM	8.9	8.4	10.4	8.9	10.9	9.0
PLANE GEOM/TRIG	8.6	8.4	10.6	9.0	10.8	9.0
READING	18.3	17.0	22.7	18.9	21.4	19.3
SOC STU/SCI	9.3	8.7	11.5	9.5	10.9	9.8
ARTS/LITERATURE	9.1	8.2	11.7	9.5	10.8	9.7
SCIENCE	18.3	17.9	21.5	18.9	21.3	19.0
COMPOSITE	18.1	16.9	21.8	18.5	21.3	18.7

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 R ICAN, HISPANIC NUMBER AVG
HIGH SCHOOL AVERAGE						
3.50 - 4.00	36 21.0	150 20.4	1601 24.2	706 21.4	79 24.0	305 21.5
3.00 - 3.49	45 19.0	263 17.3	1081 21.2	716 18.7	50 20.1	310 18.7
2.50 - 2.99	42 16.4	225 16.0	606 19.5	532 16.8	16 18.1	214 17.4
2.00 - 2.49	23 15.6	155 15.7	290 18.4	301 15.9	9 16.6	119 16.2
1.99 & BELOW	8 16.8	44 15.0	63 17.4	79 15.2	4 19.3	22 15.4
CGPA PRED BY STUDENT						
3.5 - 4.0	36 19.1	115 20.7	1489 24.4	651 21.3	75 24.0	242 21.6
3.0 - 3.4	77 19.2	385 17.4	1763 21.1	1111 18.6	62 19.6	486 18.6
2.5 - 2.9	34 16.9	279 16.1	608 19.0	562 16.7	26 18.8	240 17.3
2.0 - 2.4	27 16.0	153 15.1	212 17.6	218 15.4	9 17.8	69 15.7
1.9 & BELOW	1 12.0	28 14.2	24 18.3	43 15.0	1 18.0	14 13.5
HIGH SCHOOL RANK						
TOP QUARTER	55 19.8	300 18.9	2011 23.7	875 21.2	86 24.1	392 20.9
2ND QUARTER	67 18.1	357 16.3	1292 20.3	982 17.6	52 19.1	383 17.8
BOTTOM HALF	43 16.4	268 15.7	599 18.5	622 16.3	26 17.7	231 16.7

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	2404	20	1420	12	451	4	55	0
	FEMALE	3066	26	1963	17	748	6	57	0
	TOTAL	5492	46	3408	29	1209	10	112	1
NO. & VARIETY OF COURSE OFFERINGS	MALE	2074	17	1185	10	1009	9	66	1
	FEMALE	2654	22	1376	12	1715	14	86	1
	TOTAL	4756	40	2576	22	2738	23	152	1
GRADING PRACTICES & POLICIES	MALE	2054	17	1572	13	629	5	78	1
	FEMALE	2889	24	2047	17	804	7	90	1
	TOTAL	4968	42	3643	31	1441	12	168	1
NO. & KINDS OF TESTS GIVEN	MALE	1949	16	1767	15	550	5	61	1
	FEMALE	2593	22	2433	21	720	6	80	1
	TOTAL	4561	38	4230	36	1278	11	141	1
GUIDANCE SERV PROVIDED BY GUIDANCE OFFICE	MALE	1921	16	1300	11	859	7	246	2
	FEMALE	2534	21	1571	13	1436	12	283	2
	TOTAL	4481	38	2891	24	2305	19	530	4
SCHOOL RULES, REGULATIONS, & POLICIES	MALE	1530	13	1500	13	1179	10	113	1
	FEMALE	2094	18	1939	16	1683	14	106	1
	TOTAL	3646	31	3456	29	2877	24	221	2
LIBRARY OR LEARNING CENTER	MALE	2064	17	1455	12	654	6	154	1
	FEMALE	2838	24	1852	16	935	8	186	2
	TOTAL	4925	42	3334	28	1593	13	342	3
LABORATORY FACILITIES	MALE	1902	16	1402	12	820	7	198	2
	FEMALE	2297	19	1953	16	1239	10	333	3
	TOTAL	4220	36	3379	28	2067	17	534	5
PROVISIONS FOR SPECIAL HELP IN READING, MATH, ETC	MALE	1509	13	1367	12	544	5	902	8
	FEMALE	1858	16	1709	14	930	8	1320	11
	TOTAL	3388	29	3095	26	1480	12	2232	19
PROVISIONS FOR ACADEMICALLY OUTSTANDING STU	MALE	2244	19	1250	11	467	4	362	3
	FEMALE	3000	25	1562	13	774	7	488	4
	TOTAL	5272	44	2833	24	1242	10	856	7
ADEQUACY OF PROG IN CAREER EDUC & PLANNING	MALE	1601	14	1555	13	825	7	339	3
	FEMALE	2016	17	1889	16	1403	12	500	4
	TOTAL	3633	31	3472	29	2236	19	842	7

NUMBER OF STUDENTS - 11858

TABLE 4 ACT SCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES
FOR ALL STUDENTS (NUMBER OF STUDENTS = 11858)

STD SCORE	ACT ENGLISH		ACT MATHEMATICS		ACT READING		ACT SCIENCE		ACT COMPOSITE	
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP
36	6	99	16	99	65	99	17	99	3	99
35	39	99	33	99	89	99	30	99	13	99
34	89	99	54	99	147	99	44	99	24	99
33	77	99	39	99	162	97	32	99	47	99
32	96	98	63	99	155	96	68	99	67	99
31	141	97	68	98	210	95	64	98	116	99
30	148	96	73	98	275	93	57	98	149	98
29	309	95	170	97	263	91	146	97	196	96
28	240	92	205	96	323	88	190	96	261	95
27	285	90	335	94	464	86	225	95	365	93
26	365	88	397	91	493	82	429	93	351	90
25	548	85	377	88	424	78	410	89	468	87
24	520	80	634	85	607	74	636	86	623	83
23	539	76	498	79	682	69	827	80	715	77
22	700	71	510	75	534	63	799	73	740	71
21	739	65	556	71	563	59	1148	66	862	65
20	796	59	703	66	987	54	1270	57	868	58
19	822	52	785	60	648	46	1107	46	937	51
18	726	46	897	53	568	40	1246	37	1023	43
17	711	39	1352	46	699	35	810	26	996	34
16	647	33	1698	35	794	30	669	19	897	26
15	915	28	1211	20	587	23	557	14	842	18
14	613	20	695	10	841	18	330	9	623	11
13	420	15	361	4	534	11	329	6	390	6
12	355	12	92	1	453	6	186	4	188	2
11	336	9	29	1	195	2	104	2	76	1
10	252	6	5	1	50	1	81	1	13	1
9	150	4	1	1	28	1	30	1	3	1
8	177	2	0	1	9	1	9	1	1	1
7	76	1	1	1	3	1	7	1	1	1
6	13	1	0	1	4	1	0	1	0	1
5	5	1	0	1	0	1	0	1	0	1
4	3	1	0	1	2	1	0	1	0	1
3	0	1	0	1	0	1	0	1	0	1
2	0	1	0	1	0	1	0	1	0	1
1	0	1	0	1	0	1	1	1	0	1

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

33-36	211	2	142	1	463	4	123	1	87	1
28-32	934	8	579	5	1226	10	525	4	789	7
24-27	1718	14	1743	15	1988	17	1700	14	1807	15
20-23	2774	23	2267	19	2766	23	4044	34	3185	27
16-19	2906	25	4732	40	2709	23	3832	32	3853	32
13-15	1948	16	2267	19	1962	17	1216	10	1855	16
01-12	1367	12	128	1	744	6	418	4	282	2

AVG(SD) 19.4(5.8) 19.4(4.7) 20.6(6.0) 20.1(4.4) 20.0(4.7)

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

TABLE 5 ACT SUBSCORE DISTRIBUTIONS, CUMULATIVE PERCENTAGES, AND AVERAGES
FOR ALL STUDENTS (NUMBER OF STUDENTS = 11858)

STD SCORE	USAGE/MECH		RHET SKILLS		SOC STU/SCI		ARTS/LIT		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	FREQ	CP	
18	191	99	41	99	174	99	342	99	18
17	311	98	137	99	509	99	481	97	17
16	347	96	378	98	480	94	619	93	16
15	497	93	494	95	592	90	747	88	15
14	525	89	778	91	686	85	513	82	14
13	644	84	755	85	713	79	789	77	13
12	880	79	1191	78	1173	73	1363	71	12
11	1069	71	1259	68	1056	64	898	59	11
10	1103	62	1502	58	1371	55	999	51	10
9	1151	53	1607	45	1509	43	954	43	9
8	1332	43	1281	31	1380	30	1050	35	8
7	1163	32	948	21	927	19	1031	26	7
6	1047	22	616	13	602	11	877	17	6
5	690	13	477	7	359	6	796	10	5
4	563	8	256	3	178	3	274	3	4
3	243	3	110	1	97	1	81	1	3
2	94	1	27	1	42	1	43	1	2
1	8	1	1	1	10	1	1	1	1
AVERAGE		9.5		10.1		10.5		10.5	
S.D.		3.7		3.1		3.4		3.8	

STD SCORE	PRE/ELEM ALG		ALG/CRD-GEOM		PLN GEOM/TRIG		STD SCORE
	FREQ	CP	FREQ	CP	FREQ	CP	
18	161	99	46	99	42	99	18
17	229	99	77	99	60	99	17
16	437	97	162	99	207	99	16
15	427	93	206	98	315	97	15
14	643	89	596	96	599	95	14
13	897	84	516	91	857	90	13
12	736	76	1348	86	1139	82	12
11	1044	70	1199	75	970	73	11
10	1205	61	1653	65	2327	65	10
9	920	51	2311	51	1409	45	9
8	1998	44	1338	32	1344	33	8
7	1880	27	793	20	1130	22	7
6	853	11	665	14	758	12	6
5	267	4	498	8	109	6	5
4	104	1	203	4	369	5	4
3	32	1	192	2	55	2	3
2	23	1	16	1	134	1	2
1	2	1	39	1	34	1	1
AVERAGE		9.9		9.6		9.7	
S.D.		3.2		2.8		2.9	

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

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

GROUP	NUMBER OF STUDENTS	ENGLISH		MATH		READING		SCIENCE		COMPOSITE	
		AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD	AVERAGE	SD
MALES	5179	19.1	5.9	20.2	5.0	20.5	6.1	20.8	4.6	20.3	4.9
FEMALES	6602	19.6	5.8	18.7	4.3	20.7	5.9	19.6	4.2	19.8	4.5
NO RESPONSE	77	19.3	5.8	18.9	3.9	20.7	6.0	19.9	3.6	19.8	4.2

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

SCORE RANGE	M		F		M		F		M		F	
	M	F	M	F	M	F	M	F	M	F	M	F
33-36	2	2	2	1	4	4	2	1	1	1	1	1
28-32	7	8	7	3	10	11	6	3	8	6	8	6
24-27	14	15	18	12	16	17	17	12	16	14	16	14
20-23	22	24	20	19	22	24	35	33	26	27	26	27
16-19	24	25	37	42	23	23	28	36	31	34	31	34
13-15	18	15	16	22	17	16	9	11	15	16	15	16
01-12	13	10	1	1	7	6	3	4	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	1580	15	22.3	40	12	77	10	1096	20	367	10
GOOD	4153	40	20.3	125	38	291	37	2276	42	1461	38
AVERAGE	2951	28	18.7	107	32	289	37	1248	23	1307	34
BELOW AVERAGE	723	7	18.4	25	8	64	8	300	5	334	9
VERY INADEQUATE	604	6	19.1	27	8	48	6	320	6	209	5
NO RESPONSE	379	4	20.9	9	3	21	3	225	4	124	3
NO. OF STUDENTS	10390			333		790		5465		3802	

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	11858	19.4	5.8	19.4	4.7	20.6	6.0	20.1	4.4	20.0	4.7
COLLEGE CORE											
E4, M3, SS3, NS3	6008	20.7	5.7	20.5	4.8	21.8	6.0	21.1	4.4	21.1	4.7
In between	3642	18.1	5.4	18.0	3.9	19.4	5.5	18.9	4.0	18.7	4.2
E4, M2, SS2, NS2	1280	17.5	5.8	18.0	4.5	19.3	5.9	18.8	4.3	18.6	4.6
No Response	928	18.9	6.3	19.1	4.7	20.2	6.3	20.0	4.5	19.7	5.0
HS GPA RANGES											
3.50 - 4.00	3388	23.0	5.4	22.3	4.9	23.9	5.8	22.5	4.3	23.0	4.5
3.00 - 3.49	2953	19.3	5.1	19.0	4.1	20.5	5.4	19.9	3.9	19.8	4.0
2.50 - 2.99	1930	16.9	4.8	17.3	3.3	18.3	5.0	18.3	3.8	17.8	3.6
2.00 - 2.49	1055	15.7	4.6	16.5	2.8	17.3	4.8	17.6	3.6	16.9	3.4
1.99 & below	269	15.0	4.7	16.3	2.8	16.3	4.4	17.3	3.6	16.3	3.3

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

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	2250	19	3.29	19.1	19.7
ENG 9, ENG 10, ENG 11, ENG 12	7925	67	3.19	19.6	20.2
LESS THAN 4 YEARS OF ENGLISH	720	6	3.11	18.8	19.7
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	963	8	- . -	18.8	19.6
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	791	7	3.45	23.5	23.7
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	731	6	3.23	21.3	22.0
ALG 1, ALG 2, GEOM, TRIG	1051	9	3.04	19.3	20.1
ALG 1, ALG 2, GEOM, OTHER ADV MATH	1137	10	2.99	19.5	20.3
ALG 1, ALG 2, GEOM	3049	26	2.64	17.0	17.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	2211	19	3.37	22.2	22.4
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	590	5	3.06	19.1	19.8
LESS THAN 3 YEARS OF MATH	1284	11	2.49	16.7	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	1014	9	- . -	19.0	19.7
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	320	3	3.38	21.0	20.4
US HIST, WORLD HIST, AM GOVT	1076	9	3.22	19.4	18.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	4544	38	3.43	21.4	20.6
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	3500	30	3.30	20.5	19.9
LESS THAN 3 YEARS OF SOC SCI	1386	12	3.15	19.7	19.1
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	1032	9	- . -	20.2	19.7
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	2432	21	3.46	21.9	22.0
BIOLOGY, CHEMISTRY, PHYSICS	784	7	3.27	23.1	23.6
GEN SCIENCE, BIOLOGY, CHEMISTRY	3494	29	3.15	19.9	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	372	3	3.24	20.2	19.8
LESS THAN 3 YEARS OF NAT SCI	3728	31	2.91	18.5	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	1048	9	- . -	20.0	19.7

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

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	989	19	3.18	18.9	20.0
ENG 9, ENG 10, ENG 11, ENG 12	3348	65	3.07	19.2	20.4
LESS THAN 4 YEARS OF ENGLISH	339	7	3.02	19.1	20.3
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	503	10	- . -	18.7	19.9
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	393	8	3.41	24.2	23.9
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	251	5	3.10	21.8	21.9
ALG 1, ALG 2, GEOM, TRIG	445	9	3.02	20.0	20.2
ALG 1, ALG 2, GEOM, OTHER ADV MATH	420	8	2.94	20.2	20.3
ALG 1, ALG 2, GEOM	1200	23	2.59	17.6	18.0
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1111	21	3.34	23.1	22.8
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	282	5	3.03	19.6	19.9
LESS THAN 3 YEARS OF MATH	542	10	2.49	17.1	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	535	10	- . -	19.7	19.9
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	151	3	3.34	20.5	20.3
US HIST, WORLD HIST, AM GOVT	512	10	3.17	19.1	19.0
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	1856	36	3.36	21.2	20.8
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1502	29	3.24	20.5	20.3
LESS THAN 3 YEARS OF SOC SCI	611	12	3.09	20.0	19.7
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	547	11	- . -	20.0	19.9
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1175	23	3.43	22.7	22.4
BIOLOGY, CHEMISTRY, PHYSICS	394	8	3.26	23.8	24.0
GEN SCIENCE, BIOLOGY, CHEMISTRY	1370	26	3.06	20.4	19.7
OTHER COMBINATIONS OF 3 YEARS NAT SCI	188	4	3.30	20.9	20.2
LESS THAN 3 YEARS OF NAT SCI	1498	29	2.83	19.0	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	554	11	- . -	20.5	19.9

STATE COMPOSITE FOR
NEW MEXICOTABLE 9 HIGH SCHOOL GPAS AND AVERAGE ACT SCORES BY COMMON COURSE PATTERNS
FOR FEMALES

ENGLISH COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS ENGLISH	ACT ENGLISH	ACT COMP
ENG 9, ENG 10, ENG 11, ENG 12, SPEECH	1249	19	3.38	19.3	19.4
ENG 9, ENG 10, ENG 11, ENG 12	4531	69	3.28	19.9	20.0
LESS THAN 4 YEARS OF ENGLISH	374	6	3.19	18.6	19.2
NO ENGLISH COURSE/GRADE INFORMATION REPORTED	448	7	- . -	18.9	19.3
MATHEMATICS COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS MATH	ACT MATH	ACT COMP
ALG 1, ALG 2, GEOM, TRIG, CALC	389	6	3.49	22.9	23.6
ALG 1, ALG 2, GEOM, TRIG, OTHER ADV MATH	477	7	3.29	21.1	22.1
ALG 1, ALG 2, GEOM, TRIG	595	9	3.06	18.7	20.0
ALG 1, ALG 2, GEOM, OTHER ADV MATH	712	11	3.02	19.1	20.2
ALG 1, ALG 2, GEOM	1834	28	2.67	16.6	17.9
OTHER COMBINATIONS OF 4 OR MORE YEARS MATH	1092	17	3.40	21.3	22.1
OTHER COMBINATIONS OF 3 OR 3.5 YEARS MATH	305	5	3.09	18.6	19.7
LESS THAN 3 YEARS OF MATH	734	11	2.50	16.4	17.3
NO MATH COURSE/GRADE INFORMATION REPORTED	464	7	- . -	18.2	19.4
SOCIAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS SOC SCI	ACT READING	ACT COMP
US HIST, WORLD HIST, AM GOVT, OTHER HIST	167	3	3.44	21.6	20.7
US HIST, WORLD HIST, AM GOVT	556	8	3.28	19.6	18.9
OTHER COMBINATIONS OF 4 OR MORE YRS SOC SCI	2671	40	3.48	21.5	20.5
OTHER COMBINATIONS OF 3 OR 3.5 YRS SOC SCI	1979	30	3.34	20.5	19.6
LESS THAN 3 YEARS OF SOC SCI	757	11	3.18	19.5	18.6
NO SOC SCI COURSE/GRADE INFORMATION REPORTED	472	7	- . -	20.4	19.3
NATURAL SCIENCE COURSE PATTERN	NUMBER OF STUDENTS	PCT	HS NAT SCI	ACT SCIENCE	ACT COMP
GEN SCIENCE, BIOLOGY, CHEMISTRY, PHYSICS	1243	19	3.48	21.2	21.6
BIOLOGY, CHEMISTRY, PHYSICS	383	6	3.28	22.4	23.1
GEN SCIENCE, BIOLOGY, CHEMISTRY	2107	32	3.20	19.5	19.8
OTHER COMBINATIONS OF 3 YEARS NAT SCI	182	3	3.18	19.4	19.3
LESS THAN 3 YEARS OF NAT SCI	2208	33	2.96	18.2	18.3
NO NAT SCI COURSE/GRADE INFORMATION REPORTED	479	7	- . -	19.4	19.4

TABLE 10 DISTRIBUTION OF PLANNED EDUCATIONAL MAJOR AND FIRST VOCATIONAL CHOICE

	---PLANNED EDUC MAJOR---				MALE		FEMALE		TOTAL	
	NUMBER OF STUDENTS	AVG ACT COMP	CERTAINTY VERY FAIRLY (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)		EDUC 1ST MAJOR VOC (PERCENT)	
AGRICULTURE SCIENCE/TECH	224	18.2	43	47	3	3	2	1	2	2
ARCH & ENVIR DESIGN	300	19.7	47	40	4	4	2	2	3	3
BUSINESS & MGMT	888	19.4	35	51	11	10	8	7	9	8
BUSINESS & OFFICE	75	17.7	33	40	1	0	1	1	1	1
MARKETING & DISTRIBUTION	65	19.1	28	54	0	0	1	1	1	1
COMMUNICATION & COMM TEC	239	20.5	41	44	2	2	3	3	2	3
COMMUNITY & PRSNL SVCS	377	17.8	49	44	3	4	4	5	4	4
COMPUTER & INFO SCI	297	20.4	34	56	6	6	1	1	3	3
CROSS-DISC STUDIES	13	20.5	31	54	0	0	0	0	0	0
EDUCATION	341	19.7	48	43	1	2	5	5	3	4
TEACHER EDUCATION	226	18.8	47	44	2	2	2	3	2	3
ENGINEERING	616	20.9	36	51	12	11	2	2	6	6
ENGINEERING-RELATED TECH	381	21.4	37	55	8	8	1	1	4	4
FOREIGN LANGUAGES	38	22.7	45	37	0	0	0	0	0	0
HEALTH SCI & ALLIED HLTH	2066	19.2	53	41	10	11	29	31	21	22
HUMAN, FAMILY/CONS SCI	115	17.5	51	40	1	1	1	2	1	1
LETTERS	53	23.9	30	55	1	0	1	1	1	0
MATHEMATICS	51	23.2	24	61	1	0	0	0	1	0
PHILOS, RELIG & THEOL	69	22.2	32	49	1	1	1	1	1	1
SCI (BIOL & PHYSICAL)	578	22.7	39	49	5	4	6	5	6	5
SOCIAL SCIENCES	731	20.8	43	47	5	5	9	10	7	8
TRADE & INDUSTRIAL	126	17.2	48	46	3	4	0	0	1	2
VISUAL & PERFORM ARTS	644	20.1	49	40	7	7	6	7	7	7
UNDECIDED	1258	20.0	9	19	13	13	13	11	13	12
NO RESPONSE	2087									

NUMBER OF STUDENTS - 11858

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	1123	17.6	9	AFRICAN-AMER/BLACK	184	18.1	2
COLL PREP	5465	21.5	46	AM INDIAN,ALASKAN NTV	1065	16.9	9
OTHER/GENERAL/NO RESP	5270	18.9	44	CAUCASIAN-AMER/WHITE	4491	21.8	38
				MEXICAN-AMER/CHICANO	2795	18.5	24
REQUEST ASSISTANCE WITH				ASIAN-AMER,PACIFIC ISL	205	21.3	2
ED/OCCUP PLANS	4530	19.9	38	PUERTO RICAN,HISPANIC	1155	18.7	10
EXPR IDEAS IN WRITING	2537	18.6	21	OTHER	429	18.8	4
READING/COMPREHENSION	3076	18.0	26	MULTIRACIAL	530	20.8	4
STUDY SKILLS	4782	18.8	40	PREFER NOT TO RESPOND	637	21.0	5
MATH SKILLS	4929	18.4	42	NO RESPONSE	367	21.0	3
PERSONAL CONCERNS	1315	18.4	11				
				ESTIMATED FAMILY INCOME			
EXPRESSED FIN NEED				LESS THAN \$18,000	1259	17.3	11
NEED FINANCIAL AID	9495	19.8	80	ABOUT \$18,000-\$24,000	967	18.1	8
NEED TO FIND WORK	8312	19.6	70	ABOUT \$24,000-\$30,000	891	18.5	8
				ABOUT \$30,000-\$36,000	760	19.3	6
SPECIAL COLLEGE PROG				ABOUT \$36,000-\$42,000	799	19.6	7
INDEP STUDY	4786	20.8	40	ABOUT \$42,000-\$50,000	895	19.9	8
HONORS COURSES	3772	22.2	32	ABOUT \$50,000-\$60,000	873	20.6	7
				ABOUT \$60,000-\$80,000	1279	21.0	11
ADV PLACEMENT IN COLL				ABOUT \$80,000-\$100,000	909	22.0	8
ENGLISH	3520	21.9	30	MORE THAN \$100,000	981	23.1	8
MATH	3048	21.9	26	NO RESPONSE	2245	20.3	19
SOCIAL STUDIES	2759	21.6	23				
NATURAL SCIENCE	2526	21.7	21	HS CLASS RANK			
FOREIGN LANG	2407	20.1	20	TOP QTR	4389	22.5	37
				2ND QTR	3724	18.7	31
MAX YEARLY COLL TUITION				3RD QTR	1925	17.2	16
\$1000 & UNDER	793	16.6	7	4TH QTR	231	16.4	2
\$1001 - \$2000	797	17.7	7	NO RESPONSE	1589	20.0	13
\$2001 - \$4000	1487	18.7	13				
\$4001 - \$7500	1382	20.1	12	EDUC DEG ASPIRATION			
\$7501 & OVER	422	21.3	4	VOC-TECH	147	15.8	1
NO PREFERENCE	5306	20.9	45	2YR COL DEGREE	460	16.1	4
NO RESPONSE	1671	20.5	14	BACHELORS DEGREE	3926	18.9	33
				GRAD STUDY	2156	21.7	18
MOST RECENTLY TESTED				PROF LEVEL DEGREE	3703	21.0	31
SOPHOMORE	81	21.7	1	OTHER	308	17.4	3
JUNIOR	2620	21.3	22	NO RESPONSE	1158	19.8	10
SENIOR	8525	19.5	72				
OTHER/NO RESPONSE	632	21.4	5	NUMBER OF STUDENTS			
				HOME SCHOOLED	89	22.4	1
COLLEGE CORE PREPARATION				EARNED A GED	41	19.7	0
CORE OR MORE	6008	21.1	51	ALL STUDENTS	11858	20.0	100
LESS THAN CORE	4922	18.7	42				
NO RESPONSE	928	19.7	8				

TABLE 12 STUDENTS' SCORE REPORT PREFERENCES AT TIME OF TESTING

INSTITUTION CODE NAME	ST	TOTAL NUMBER	1ST CHOICE NUMBER	2ND-6TH CHOICES NUMBER	STANDARD FOR TRANSITION RANGES							
					01- 12 PCT	13- 15 PCT	16- 19 PCT	20- 23 PCT	24- 27 PCT	28- 32 PCT	33- 36 PCT	
2650 U OF NEW MEXICO	NM	6467	3348	3119	2	15	35	29	14	5	0	
2638 NEW MEXICO STATE U	NM	4556	1705	2851	2	16	36	29	13	4	0	
2636 EASTERN NEW MEXICO U	NM	1173	357	816	3	20	41	25	10	1	0	
5569 ALBUQUERQUE TECH VOC	NM	1090	273	817	4	23	42	23	7	1	0	
0088 ARIZONA STATE UNIV	AZ	1005	223	782	2	14	37	30	13	4	0	
2642 NEW MEXICO TECH	NM	791	200	591	1	9	24	23	27	14	1	
4220 TEXAS TECH UNIV	TX	780	168	612	1	7	31	33	20	8	0	
2651 NEW MEXICO STATE UNI	NM	736	199	537	4	32	39	19	4	1	0	
0096 UNIV OF ARIZONA	AZ	678	113	565	2	15	33	29	15	6	1	
2640 NEW MEXICO HIGHLANDS	NM	658	142	516	5	29	41	20	4	1	0	
2646 WESTERN NEW MEXICO U	NM	528	80	448	4	27	40	23	5	1	0	
0510 FORT LEWIS COLLEGE	CO	414	113	301	3	23	38	25	9	1	0	
0504 COLORADO STATE UNIV	CO	410	66	344	0	6	28	29	25	11	0	
4223 U OF TEXAS EL PASO	TX	312	33	279	2	28	42	21	7	0	0	
0086 NORTHERN ARIZONA U	AZ	304	55	249	4	14	33	29	14	5	0	
2647 ENMU-ROSWELL C C	NM	288	75	213	7	28	42	18	5	1	0	
2637 SAN JUAN COLLEGE	NM	279	87	192	6	25	38	21	7	1	0	
0532 U OF CO-Boulder	CO	263	49	214	1	8	21	30	30	10	0	
2643 NEW MEXICO JR COLL	NM	243	91	152	5	29	47	16	3	0	0	
4240 U OF TEXAS AUSTIN	TX	235	48	187	1	5	19	37	23	12	2	
5343 ART CNTR DESIGN COLL	NM	233	38	195	2	20	45	23	10	0	0	
2648 COLLEGE OF SANTA FE	NM	209	13	196	1	17	38	28	13	2	0	
0398 SAN DIEGO STATE UNIV	CA	207	29	178	1	9	31	33	21	4	0	
0448 U OF CA LOS ANGELES	CA	200	32	168	2	11	36	31	16	5	1	
2630 NM ST U-ALAMOGORDO	NM	174	49	125	2	18	41	29	6	2	0	
2644 NEW MEXICO MILITARY	NM	173	51	122	2	21	43	24	10	1	0	
4250 WEST TEXAS A&M U	TX	172	48	124	1	11	35	34	15	3	0	
4198 TEXAS A&M-MAIN CMPUS	TX	170	25	145	1	4	16	32	32	14	1	
2496 U NEVADA-LAS VEGAS	NV	162	25	137	3	18	38	29	9	2	0	
0496 ADAMS STATE COLLEGE	CO	155	26	129	1	19	43	26	9	2	0	
2660 SANTA FE CC-NM	NM	150	24	126	4	28	41	22	5	0	0	
4266 BRIGHAM YOUNG UNIV	UT	148	62	86	0	4	20	31	24	18	3	
0434 STANFORD UNIVERSITY	CA	147	39	108	1	1	14	29	24	20	10	
0533 U OF CO-DENVER	CO	142	14	128	1	13	34	32	16	3	0	
0470 U OF SOUTHERN CALIF	CA	139	23	116	0	12	23	34	17	14	1	
ALL OTHER INSTITUTIONS		11150	2254	8896	2	13	28	26	19	10	1	
TOTALS		34941	10177	24764	2	16	33	27	15	6	1	

TABLE 13 AVERAGE ACT SCORES BY STUDENT PLANNED EDUCATIONAL MAJORS

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
AGRICULTURE SCIENCE/TECH	(224)	(18.2)	BUSINESS & OFFICE	(75)	(17.7)
AGRICULTURAL BUSINESS	16	21.0	BOOKKEEPING/ACCT TECH	17	18.8
AGRICULTURAL ECONOMICS	4	19.5	BUSINESS DP/COMPUTER OPER	3	16.7
AGRICULTURAL MECHANICS	3	13.3	COURT REPORTING	2	16.0
AGRI PRODUCTION/TECH	1	16.0	OFFICE SUPERVISION & MGMT	4	15.3
AGRONOMY	1	16.0	SECRETARIAL	9	15.9
ANIMAL SCIENCES	29	19.4	TYPING & GENERAL OFFICE	1	13.0
FARM & RANCH MANAGEMENT	3	19.3	WORD PROCESSING	0	0.0
FISH, GAME, WILDLIFE MGMT	43	16.6	BUSINESS & OFFICE, GEN	39	18.2
FOOD SCIENCES/ENGINEERING	0	0.0			
FORESTRY & RELATED SCI	12	17.1	MARKETING & DISTRIBUTION	(65)	(19.1)
HORTICULTURE/ORNMENTAL HORT	0	0.0	FASHION MERCHANDISING	20	17.0
NATURAL RESOURCES MGMT	3	19.0	RETAILING & SALES	2	15.5
AGRICULTURE & AG TECH, GEN	109	18.3	TRAVEL SERVICES & TOURISM	1	18.0
			MARKETING & DISTRIB, GEN	42	20.3
ARCH & ENVIR DESIGN	(300)	(19.7)			
ARCHITECTURAL DRAFTING	72	17.5	COMMUNICATIONS & COMM TECH	(239)	(20.5)
ARCHITECTURE	44	22.3	ADVERTISING	16	19.3
BLDG CON/CONSTRUCTION SCI	10	16.4	GRAPHIC/COMMERCIAL ART	15	20.3
CITY, COMM & REG PLANNING	3	19.3	GRAPHIC & PRINT COMMUNIC	10	16.6
ENVIRONMENTAL DESIGN	2	21.0	JOURNALISM	61	21.4
INTERIOR DESIGN	38	19.2	PHOTO/FILM/VIDEO TECH	17	18.9
LANDSCAPE ARCHITECTURE	8	19.1	PUBLIC RELATIONS	5	21.8
ARCHI & ENVIR DESIGN, GEN	123	20.4	RADIO/TV BROADCASTING	32	19.9
			RADIO/TV PRODUCTN & TECH	2	16.0
BUSINESS & MGMT	(888)	(19.4)	COMMUNIC & COMM TECH, GEN	81	21.0
ACCOUNTING	73	18.8			
BANKING & FINANCE	16	20.3	COMMNTY & PRSNL SVCS	(377)	(17.8)
BUSINESS ADMIN & MGMT	115	19.9	CORRECTIONS	2	14.5
BUSINESS ECONOMICS	10	18.8	COSMETOLOGY/HAIRSTYLING	24	15.3
CONTRACT MGMT & PURCHSING	0	0.0	CRIMINAL JUSTICE/CRIMINOL	165	18.3
HOTEL/RESTAURANT MGMT	36	18.3	FIRE PROTECTN/SAFETY TECH	17	17.9
HUMAN RESOURCE DEVEL/TRNG	0	0.0	FUNERAL SVCS/MORTUARY SCI	2	19.0
INSTITUTIONAL MANAGEMENT	0	0.0	LAW ENFORCEMENT & ADMIN	42	17.0
INSURANCE & RISK MGMT	1	29.0	LIBRARY SCI/LIB ASSISTING	2	23.0
INTERNATL BUSINESS/MGMT	24	19.5	MILITARY SCIENCE/TECH	7	18.7
LABOR/INDUSTRL RELATIONS	0	0.0	PARKS & RECREATION	3	17.3
MANAGEMENT INFO SYSTEMS	2	19.5	PUBLIC ADMINISTRATION	0	0.0
MANAGEMENT SCIENCE	2	19.5	PUBLIC AFFAIRS	0	0.0
MARKETING MGMT & RESEARCH	22	20.7	SOCIAL WORK	16	18.2
ORGANIZATIONAL BEHAVIOR	0	0.0	COMMNTY & PRSNL SVCS, GEN	97	17.7
PERSONNEL MANAGEMENT	2	17.5			
REAL ESTATE	14	18.5			
SML BUSINESS MGMT/OWNRSHIP	40	18.7			
TRADE & INDUSTRIAL MGMT	3	17.3			
TRANSPORTATION MANAGEMENT	0	0.0			
BUSINESS & MGMT, GEN	528	19.5			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
COMPUTER & INFO SCI	(297)	(20.4)	ENGINEERING	(616)	(20.9)
COMPUTER PROGRAMMING	112	20.0	AEROSPACE ENGINEERING	39	22.4
COMPUTER SCIENCE	64	20.8	AGRICULTURAL ENGINEERING	8	17.5
DATA PROCESSING	0	0.0	ARCHITECTURAL ENGINEERING	9	19.2
INFO SCIENCES & SYSTEMS	4	19.8	BIOENGINEER & BIOMED ENG	13	21.8
MATH/COMPUTER SCIENCE	8	25.5	CERAMIC ENGINEERING	0	0.0
COMPUTER & INFO SCI, GEN	109	20.3	CHEMICAL ENGINEERING	25	25.3
CROSS-DISC STUDIES	(13)	(20.5)	CIVIL ENGINEERING	37	20.5
AREA & ETHNIC STUDIES	1	15.0	COMPUTER ENGINEERING	45	19.6
LIBERAL ARTS/GEN STUDIES	5	22.4	CONSTRUCTION ENG/MGMT	6	15.2
MULTI-/INTERDISC STUDIES	0	0.0	ELECTRCL & ELECTRONIC ENG	40	20.8
CROSS-DISC STUDIES, GEN	7	19.9	ENGINEERING MANAGEMENT	0	0.0
EDUCATION	(341)	(19.7)	ENGINEERING PHYSICS	9	23.7
ADULT & CONTINUING EDUC	1	17.0	ENGINEERING SCIENCE	4	17.8
EDUCATION ADMINISTRATION	4	19.5	ENVIRONMENTAL HEALTH ENG	3	17.0
ELEMENTARY EDUCATION	109	18.9	GEOLOGICAL & GEOPHYS ENG	0	0.0
JR HIGH/MIDDLE SCH EDUC	18	20.9	INDUSTRIAL ENGINEERING	7	15.9
PRE-ELEMENTARY EDUCATION	23	17.8	MATERIALS ENGINEERING	2	29.5
SECONDARY EDUCATION	35	21.7	MECHANICAL ENGINEERING	91	20.7
STUDENT COUNSELING	3	16.3	METALLURGICAL ENGINEERING	1	20.0
TEACHER AIDE	1	12.0	MINING & MINERAL ENG	2	16.5
EDUCATION, GENERAL	147	20.0	NAVAL ARCHIT & MARINE ENG	2	21.5
TEACHER EDUCATION	(226)	(18.8)	NUCLEAR ENGINEERING	12	21.3
AGRICULTURAL EDUCATION	6	22.8	OCEAN ENGINEERING	1	17.0
ART EDUCATION	3	20.7	PETROLEUM ENGINEERING	6	22.3
BUSINESS EDUCATION	1	14.0	SYSTEMS ENGINEERING	1	19.0
ENGLISH EDUCATION	12	19.6	ENGINEERING, GENERAL	253	20.9
FOREIGN LANGUAGES EDUC	4	16.8	ENGINEERING-RELATED TECH	(381)	(21.4)
HEALTH EDUCATION	2	19.0	AERONAUTICAL TECHNOLOGY	37	23.6
HUMAN, FAM/CONS SCI EDUC	1	15.0	AC, HEATING, REFRIG TECH	0	0.0
INDUSTRIAL ARTS EDUCATION	0	0.0	ARCHITECTURAL DESIGN TECH	12	21.3
MATHEMATICS EDUCATION	12	18.9	BIOMEDICAL EQUIPMENT TECH	1	32.0
MUSIC EDUCATION	18	21.0	CIVIL ENGINEERING TECH	11	21.3
PHYSICAL EDUCATION	32	17.4	COMPUTER ENGINEERING TECH	33	19.5
SCIENCE EDUCATION	1	12.0	CONSTRUCTION/BLDG TECH	6	20.7
SOC STUDIES/SOC SCI EDUC	10	20.6	DRAFTING & DESIGN TECH	6	16.5
SPECIAL EDUCATION	2	16.0	ELECTRICAL ENG TECHNOLOGY	29	21.4
SPEECH CORRECTION EDUC	7	20.0	ELECTRONIC ENG TECHNOLOGY	16	21.0
TEACHING ENGL AS 2ND LANG	4	17.0	ELECTROMECHAN INSTR TECH	0	0.0
TECH/TRADE & IND ED	0	0.0	ENVIRONMENTAL CONTRL TECH	1	14.0
TEACHER EDUCATION, OTHER	8	15.8	INDUSTRRL PRODUCTION TECH	2	15.0
TEACHER EDUCATION, GEN	103	18.8			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
LASER/FIBER-OPTIC TECH	1	24.0	HUMAN, FAMILY/CONS SCI	(115)	(17.5)
MANUFACTURING TECHNOLOGY	1	17.0	CHILD DEV, CARE, GUIDANCE	13	17.1
MECHANICAL ENG TECH	52	22.4	CHILD CARE AIDE/ASSISTING	4	15.5
MINING & PETROLEUM TECH	2	18.5	CULINARY ARTS	55	17.7
OCCUPATL SFTY & HLTH TECH	2	14.5	FAMILY/CONS RESOURCE MGMT	1	18.0
SURVEYING & MAPPING TECH	0	0.0	FASHION DESIGN	5	15.0
ENGINEERING TECH, OTHER	7	17.6	FOOD PRODUCTN, MGMT, SVCS	2	20.5
ENGINEER-RELATD TECH, GEN	162	21.6	FOOD SCI & NUTR/DIETETICS	10	17.2
			HUMAN ENVIRON & HOUSING	1	18.0
FOREIGN LANGUAGES	(38)	(22.7)	INDIVIDUAL & FAMILY DEVEL	0	0.0
ASIATIC LANGUAGES	6	21.5	TEXTILES AND CLOTHING	1	24.0
CLASSICAL LANGUAGES	0	0.0	HUMAN, FAM/CONS SCI, GEN	23	17.7
FRENCH	1	17.0			
GERMAN	1	25.0	LETTERS	(53)	(23.9)
ITALIAN	1	16.0	CLASSICS	1	15.0
MIDDLE EASTERN LANGUAGES	2	24.0	COMPARATIVE LITERATURE	1	16.0
RUSSIAN	0	0.0	CREATIVE WRITING	24	24.6
SPANISH	3	25.0	ENGLISH, GENERAL	11	28.4
FOREIGN LANGUAGES, OTHER	0	0.0	LINGUISTICS	0	0.0
FOREIGN LANGUAGES, GEN	24	23.0	LITERATURE, ENGLISH/AMER	5	20.2
			SPEECH & RHETORICAL STUDY	0	0.0
HEALTH SCI & ALLIED HLTH	(2066)	(19.2)	LETTERS, GENERAL	11	21.1
CHIROPRACTIC	11	18.5			
DENTAL ASSISTING	11	14.8	MATHEMATICS	(51)	(23.2)
DENTAL HYGIENE	37	17.4	ACTUARIAL SCIENCES	0	0.0
DENTAL LAB/TECHNOLOGY	1	17.0	APPLIED MATHEMATICS	6	21.7
DENTISTRY	52	19.4	STATISTICS	1	21.0
EMERG MED TECH/PARAMEDIC	29	18.4	MATHEMATICS, GENERAL	44	23.5
HEALTH CARE ADMIN	8	18.0			
MEDICAL/SURG ASSISTING	45	17.6	PHILOS, RELIG & THEOLOGY	(69)	(22.2)
MEDICAL LAB/TECHNOLOGY	20	19.2	BIBLE STUDIES	4	25.3
MED RECORDS ADMIN/TECH	6	19.8	PHILOSOPHY	14	23.1
MEDICINE	311	21.2	RELIGION	3	20.3
MNTL HLTH & HUM SVCS/TECH	9	18.2	RELIGIOUS EDUCATION	4	22.5
NUCLEAR MEDICINE TECH	8	18.0	RELIGIOUS MUSIC	3	22.3
NURSING (PRACTICAL)	62	16.5	THEOLOGY	3	22.7
NURSING (REGISTERED)	322	17.8	PHILOS, RELIG & THEOL, GEN	38	21.6
OCCUPATNL THERAPY/ASSIST	11	18.5			
OPTOMETRY	12	20.1			
PHARMACY	110	19.7			
PHYSICIAN ASSISTING	15	17.8			
PHYSICAL THERAPY/ASSIST	123	19.1			
RADIOLOGY/RADIOLOGIC TECH	57	17.2			
REC/ART/MUSIC THERAPY	1	27.0			
RESPIRATORY THERAPY/TECH	1	13.0			
SPEECH PATHOL/AUDIOLOGY	5	19.6			
VETERINARIAN ASSISTING	19	15.1			
VETERINARY MEDICINE	75	20.3			
HEALTH SCI & ALLIED, GEN	705	19.6			

TABLE 13 (CONTINUED)

	NUMBER OF STUDENTS	AVERAGE ACT COMP		NUMBER OF STUDENTS	AVERAGE ACT COMP
SCIENCES (BIOL & PHYSICAL) (	578)	(22.7)	VISUAL/PERFORM ARTS	(644)	(20.1)
ASTRONOMY	20	20.3	APPLIED DESIGN/CRAFTS	4	16.3
ATMOSPHER SCI & METEOROL	8	21.3	ART	51	19.2
BIOCHEMISTRY & BIOPHYSICS	36	23.9	ART HIST & APPRECIATION	4	22.0
BIOLOGY	171	22.5	CINEMATOGRAPHY/FILM/VIDEO	46	20.7
BOTANY	4	20.8	DANCE	25	19.4
CHEMISTRY	49	22.7	DESIGN, GENERAL	24	19.8
EARTH SCIENCE	3	17.0	DRAMA/THEATRE ARTS	71	21.6
ECOLOGY/ENV STUDIES	16	22.9	FINE ARTS, GENERAL	14	20.3
GEOLOGY	6	22.2	GRAPHIC ARTS TECHNOLOGY	18	20.0
MICROBIOLOGY	10	25.4	GRAPHIC DESIGN	41	19.5
OCEANOGRAPHY	16	22.7	MUSIC (LIBERAL ARTS)	25	21.5
PHYSICS	38	26.3	MUSIC PERFORMANCE	67	20.3
ZOOLOGY	36	19.5	MUSIC THEORY & COMPOSIT	27	22.8
SCIENCES (BIO & PHYS), GEN	165	22.9	PHOTOGRAPHY	32	19.5
			VISUAL/PERFORM ARTS, GEN	195	19.5
SOCIAL SCIENCES (	731)	(20.8)	UNDECIDED	(1258)	(20.0)
ANTHROPOLOGY	20	22.6			
ECONOMICS	2	15.5			
GEOGRAPHY	1	21.0			
HISTORY	40	23.7			
INTERNATIONAL RELATIONS	9	25.1			
LAW	183	19.7			
PARALEGAL/LEGAL ASSISTING	1	18.0			
POLITICAL SCI/GOVERNMENT	44	22.8			
PSYCHOLOGY	239	20.7			
SOCIOLOGY	21	20.0			
URBAN STUDIES	0	0.0			
SOCIAL SCIENCES, GENERAL	171	20.8			
TRADE & INDUSTRIAL (	126)	(17.2)			
AIRCRAFT TECHNICIAN	1	16.0			
AIRPLANE PILOTING & NAVIG	19	20.5			
AUTOMOTIVE BODY REPAIR	7	16.9			
AUTOMOTIVE TECHNOLOGY	24	17.4			
AVIATION MANAGEMENT	0	0.0			
COMPUTER ELECTRNCS/REPAIR	2	16.5			
CONSTRCT TRADES & CARPENT	2	13.5			
DIESEL MECHANICS & TECH	8	14.8			
DRAFTING	0	0.0			
ELECTRICAL EQUIP REPAIR	3	15.3			
HEATING, AC, REFRIG MECH	1	20.0			
MACHINE TECHNOLOGY	2	17.0			
MECHANICAL DRAFTING	1	17.0			
WELDING & WELDING TECH	9	16.3			
TRADE & INDUSTRIAL, GEN	47	16.7			

TABLE 14 AVERAGE ACT COMPOSITE SCORE BY CAREER CLUSTERS

REFERENCE GROUP	TOTAL		CORE OR MORE		LESS THAN CORE		MALES		FEMALES	
	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG	NUMBER	AVG
<u>PLAN ON 2-YEARS OR LESS OF COLLEGE</u>										
ADMIN & SALES (02-03)	30	16.0	9	16.8	21	15.7	5	17.4	25	15.7
BUSINESS OPER (04-05)	61	16.1	15	16.3	43	16.2	30	16.3	31	16.0
TECHNICAL (06-07)	139	15.8	34	17.6	104	15.2	86	16.2	52	14.9
SCIENCE & TECH (08-09)	119	15.8	40	17.3	72	15.2	57	16.4	61	15.3
ARTS (10-11)	44	17.2	12	17.4	31	17.2	17	17.4	26	17.1
SOCIAL SERVICE (12-01)	25	16.5	5	15.8	20	16.7	5	18.0	20	16.1
OTHER*	189	15.9	54	16.8	125	15.6	90	15.9	97	15.9
TOTAL	607	16.0	169	17.0	416	15.7	290	16.3	312	15.7
<u>PLAN ON 4-YEARS OR MORE OF COLLEGE</u>										
ADMIN & SALES (02-03)	801	19.8	431	20.7	358	18.7	278	20.2	520	19.6
BUSINESS OPER (04-05)	628	19.2	313	20.5	306	17.9	278	19.5	350	18.9
TECHNICAL (06-07)	1260	19.6	732	20.7	502	18.1	735	19.8	516	19.4
SCIENCE & TECH (08-09)	2100	21.0	1249	22.0	797	19.5	1021	21.4	1076	20.7
ARTS (10-11)	1221	21.2	698	21.8	505	20.3	382	21.9	833	20.8
SOCIAL SERVICE (12-01)	872	20.5	474	21.4	379	19.5	245	20.8	613	20.4
OTHER*	2903	20.2	1560	21.2	1178	18.8	1266	20.5	1620	19.9
TOTAL	9785	20.3	5457	21.3	4025	19.0	4205	20.7	5528	20.1

* 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 GRADES				HS GPA	HS GPA
		ENGLISH	MATH	SOCIAL STUDIES	NATURAL SCIENCE	AVG	SD
MALE	4057	3.09	2.98	3.27	3.12	3.11	0.60
FEMALE	5493	3.30	3.00	3.39	3.19	3.22	0.57
NO RESPONSE	45	3.20	2.90	3.33	3.02	3.11	0.50
AFRICAN-AMERICAN/BLACK	154	3.06	2.76	3.22	2.90	2.98	0.58
CAUCASIAN-AMERICAN/WHITE	3641	3.31	3.12	3.45	3.29	3.29	0.56
OTHER MINORITY	4652	3.13	2.90	3.25	3.06	3.08	0.59
MISSING/PREFER NO RESP	1148	3.21	2.99	3.34	3.17	3.17	0.58
TOTAL	9595	3.21	2.99	3.34	3.16	3.17	0.58

APPENDIX

THE RESULTS PROFILED IN THIS REPORT ARE BASED ON ALL STUDENTS WHO TOOK THE ACT ASSESSMENT DURING THEIR SOPHOMORE, JUNIOR OR SENIOR YEAR, AND WHO GRADUATED FROM HIGH SCHOOL IN THE SPRING OF 2005. IF A STUDENT TESTED MORE THAN ONCE, ONLY HIS/HER MOST RECENT TEST RECORD IS USED. DUE TO THE INCREASING NUMBER OF REPEAT TEST-TAKERS, ACT EXPANDED THE NUMBER OF STUDENT SPECIFIC VARIABLES USED TO MATCH MULTIPLE STUDENT RECORDS IN 2002. THOSE STUDENTS WHO TESTED RESIDUALLY OR UNDER EXTENDED TIME CONDITIONS ARE NOT INCLUDED.

IT SHOULD BE NOTED THAT GRADUATING STUDENTS WHO TAKE THE ACT ASSESSMENT ARE NOT NECESSARILY REPRESENTATIVE OF GRADUATING STUDENTS NATIONALLY. STUDENTS WHO LIVE IN THE MIDWEST, ROCKY MOUNTAINS, PLAINS AND SOUTHERN REGIONS OF THE COUNTRY ARE OVER REPRESENTED AMONG ACT-TESTED STUDENTS AS COMPARED TO GRADUATING STUDENTS NATIONALLY.

CAUTION SHOULD BE USED IN MAKING COMPARISONS BETWEEN STATE AND NATIONAL NORMS. STATE NORMS MAY DIFFER FROM NATIONAL NORMS FOR NON-EDUCATIONAL REASONS SUCH AS THE DEMOGRAPHIC MAKE-UP OF A STATE'S ACT-TESTED GRADUATES COMPARED TO THE NATION.

SINCE THE ACT ASSESSMENT IS DESIGNED FOR THOSE STUDENTS WHO PLAN TO ATTEND COLLEGE, THE FOCUS IS ON STUDENTS WHO COMPLETED THE RECOMMENDED COLLEGE PREPARATORY COURSES. THE RECOMMENDED COLLEGE CORE COURSES (AS DEFINED BY ACT) INCLUDE:

ENGLISH (FOUR YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ENGLISH 9, ENGLISH 10, ENGLISH 11, ENGLISH 12

MATHEMATICS (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR ALGEBRA I, ALGEBRA II, GEOMETRY
ONE-HALF YEAR CREDIT EACH FOR TRIGONOMETRY, CALCULUS (NOT PRE-CALCULUS),
OTHER MATH COURSES BEYOND ALGEBRA II, COMPUTER MATH/COMPUTER SCIENCE

SOCIAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR AMERICAN HISTORY, WORLD HISTORY, AMERICAN GOVERNMENT
ONE-HALF YEAR CREDIT EACH FOR ECONOMICS, GEOGRAPHY, PSYCHOLOGY, OTHER HISTORY

NATURAL SCIENCES (THREE YEARS OR MORE)

ONE YEAR CREDIT EACH FOR GENERAL/PHYSICAL/EARTH SCIENCE, BIOLOGY, CHEMISTRY,
PHYSICS

ALL CALCULATED HIGH SCHOOL GPAS SHOWN IN THIS REPORT ARE BASED ON STUDENT REPORTED COURSE GRADES IN THE FOUR CORE SUBJECT AREAS (ENGLISH, MATH, SOCIAL SCIENCE AND NATURAL SCIENCE).

INSTRUCTIONS FOR USING THE DATA PRESENTED IN THIS REPORT ARE PROVIDED IN THE INTERPRETIVE GUIDE, YOUR COLLEGE-BOUND STUDENTS. IF YOU HAVE QUESTIONS CONCERNING THIS REPORT OR NEED A COPY OF THIS GUIDE, PLEASE CALL 319/337-1111 OR WRITE TO ACT RESEARCH SERVICES (64), ACT INC, P.O. BOX 168, IOWA CITY, IOWA 52243.

APPENDIX (CONTINUED)

THE NUMBERS IN TABLE 4, PAGE 6 IN THE COLUMNS TITLED "CP", FOR EACH ACT TEST AND COMPOSITE ARE CUMULATIVE PERCENTS. CUMULATIVE PERCENTS REPRESENT THE PERCENT OF STUDENTS SCORING AT OR BELOW A SELECTED SCORE VALUE. FOR EXAMPLE, IF A SCALE SCORE OF 21 ON THE ACT COMPOSITE HAD A CP OF 65, THIS MEANS THAT 65% 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 58 PERCENT OF STUDENTS SCORED BELOW 21.

TABLE 4 EXAMPLE

STD SCORE	ACT COMPOSITE	
	FREQ	CP
36	3	99
35	13	99
34	24	99
33	47	99
32	67	99
31	116	99
30	149	98
29	196	96
28	261	95
27	365	93
26	351	90
25	468	87
24	623	83
23	715	77
22	740	71
21	862	65 <-- 65% OF THE STUDENTS SCORE AT OR BELOW 21
20	868	58 <-- 58% OF THE STUDENTS SCORE BELOW 21
19	937	51
18	1023	43
17	996	34
16	897	26
15	842	18
14	623	11
13	390	6
12	188	2
11	76	1
10	13	1
9	3	1
8	1	1
7	1	1
6	0	1
5	0	1
4	0	1
3	0	1
2	0	1
1	0	1

