

STATE South Carolina

**STUDY PHASE I
RETENTION AND GRADUATION RATES
COHORT FRESHMAN 1988-1994**

1989-1995
1990-1996
1991-1997
1992-1998
1993-1999
1994-2000
1995-2001

PUBLIC INSTITUTIONS

**STUDY PHASE II
FRESHMAN ADMISSIONS**

FALL 1994 – (OLD S.A.T. SCORES)
FALL 1995 (RECENTERED S.A.T. SCORES)
FALL 1996 (RECENTERED S.A.T. SCORES)
FALL 1997 (RECENTERED S.A.T. SCORES)
FALL 1998 (RECENTERED S.A.T. SCORES)
FALL 1999 (RECENTERED S.A.T. SCORES)
FALL 2000 (RECENTERED S.A.T. SCORES)
FALL 2001 (RECENTERED S.A.T. SCORES)

PUBLIC INSTITUTIONS

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FALL 2002
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State of South Carolina

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November 10, 2002

Enclosed is draft data for a study undertaken to assess retention and graduation rates for public institutional student cohorts (1988 to 1995) Study Phase I and for freshman admissions for public institutions (1994 to 2001) Study Phase II.

A third study phase for public institutional faculty dealing with faculty class loads and other faculty obligations is in process (completed for South Carolina) as an example.

Each area of the study is explained. If there are any critique comments concerning sources or interpretations of data, please advise me. I wish to have the study as accurate and reliable as possible.

Part of this study relates to those cohorts on four-year institutional campuses who will never graduate. To my knowledge this is the first time negative rates and cost information have been looked at in this way. The cost data for each state come from Research Associates of Washington. This cost data may be deflated because it includes all levels of post secondary allocation costs per student including two-year and graduate students. Trying to find each state's funding level for undergraduates on the four-year campus has proved to be an elusive piece of information.

Again, I remind you I am open to any and all suggestions. These graduation data do not include state graduation rates for transfers to another institution within a state. Transfer students graduation rates may increase a state's rate by 3.6%.

Our goal is quality public higher education for those who pay the costs--the student, parent and the taxpayer.

Sincerely,

A handwritten signature in cursive script that reads "Harry Stille".

Dr. Harry Stille, Chairman
Post-Secondary Sub-Committee
House Education and Public Works

HS/sse/stille-1

Study Phase I SOURCES ON DATA

GRADUATION – RETENTION RATE INFORMATION – TO NATIONAL DATA

Undergraduate Full Time Cohorts Enrollment

Undergraduate Freshman Full Time Cohort Enrollment

Institution

Retention Rates – Sophomore – Junior – Senior Percent Who Return

Graduation Rate – Cohorts Who Entered in 1988 through 1995 and Graduate in Four Years, Five Years (when available) and Six Years. (Native student graduation rates)

Class Institution – Money's Best Colleges – September 1996, pg. 138

Student Academic Level. When reporting on the most recent entering class, schools assign a score from 1 to 5 to the typical freshman:

1. Student is from top 20% of high school class, has a GPA of B+ or better and SAT scores above 1,200 or ACT scores above 28.
2. Top 40% of high school class; GPA of B or better, SAT scores between 1,100 and 1,199, ACT scores of 27 to 28.
3. Top half of class; GPA of B- or better, SAT scores between 950 and 1,099, ACT scores of 23 to 26.
4. Top 60% of class; GPA of C or better, SAT scores between 800 and 949, ACT scores of 19 to 22.
5. Grades/scores lower than above.

Admissions Selectivity Rating. (Princeton Review-Time) pg. 98 – 2001 Edition

A general assessment determined by class rank, average test score, acceptance rate, enrollees. Scale (90-100-mega selective), (80-90 highly selective), (70-79 – selective), and under 70 – not selective.

South Carolina
Undergraduate Retention/Graduation Rates

Full Time 1993/94/95/96/97/98/99/00/01 Undergrad.			1988, 89, 90, 91, 92, 93, 94, 95 Cohort			
<u>Students</u>	<u>Freshmen</u>	<u>School</u>	<u>Retention</u>	<u>Grad Rates</u>	<u>Class</u>	
			<u>So.</u> <u>Jr.</u> <u>Sr.</u>	<u>4-yr</u>	<u>6-yr</u>	<u>Inst.</u>
	518	Citadel				
1,999	603		74-	60	70	3
1,914	478		76	59	73	
1,887	506		73	67	77	
1,814	538		80	56	73	
1,801	484		81	60	77	
1,854	517		80	60	70	
1,876	553		77	59	72	
2,013	570		77	63	71	
	2294	Clemson U.				
11,473	2886		86-	38	72	3
11,695	2899		86	39	72	
11,717	2514		85	38	70	
11,907	2474		84	35	70	
12,223	2706		84	37	72	
12,694	2891		83	38	72	
13,288	3034		84	37.5	71	
13,140	2543		86	38	69	
	733	Coastal Carolina				
3,095	561		58-	16	37	4
3,097	604		61	15	35	
3,368	569		62	10	31	
3,544	585		61	14	34	
3,623	859		63	12	30	
3,568	766		66	12	30	
3,675	792		65	12	32	
4,007	941		67	14	37	
	1522	Coll. of Chas.				
7,121	1059		81-	37	54	3
7,484	1253		80	40	53	
7,406	1140		81	38	56	
8,129	1434		79	34	54	
8,354	1935		78	33	52	
8,634	2074		80	32	52	
8,688	2001		80	32	53	
8,960	1974		80	38	54	

South Carolina

-2-

Full Time

1993/94/95/96/97/98/99/00/01

Undergrad.

Students Freshmen School

1988,89,90,91,92,93,94,95 Cohort

Retention Grad Rates Class

So.Jr.Sr. 4-yr 6-yr Inst.

	784	Francis					
3,086	796	Marion	63	49	16	39	4
2,952	811		64		14	38	
2,823	797		62		15	40	
2,597	735		63		10	36	
2,648	646		62		13	34	
2,532	571		67		16	32	
2,490	609		69		12.6	34	
2,586	637		70		16	34	

	491	Lander Univ.					
1,890	354		71	58	27	53	4
2,057	349		68		22	47	
2,079	464		66		15	39	
2,077	421		67		19	47	
2,137	478		67		16	42	
2,133	497		69		16	42	
2,119	515		68		18	44	
2,198	491		67		30	44	

	613	SC State					
3,685	697		79-		16	50	4
3,713	916		78		9	42	
3,487	915		79		11	51	
3,412	888		79		10	47	
3,609	739		79		13	45	
3,532	680		79		13	47	
3,252	610		79		13	47	
3,149	615		79		16	45	

	2298	USC-Cola.					
12,410	2993		80-		33	62	3
12,403	2780		80		33	62	
12,379	2474		80		30	63	
12,708	2591		79		25	56	
12,847	2750		79		26	56	
12,676	2668		80		30	60	
12,538	2542		81		27.5	55	
13,092	3287		81		37	58	

South Carolina

-3-

Full Time

1993/94/95/96/97/98/99/00/01

Undergrad.

Students Freshmen School

1988, 89, 90, 91, 92, 93, 94, 95 Cohort

Retention Grad Rates Class

So.Jr.Sr. 4-yr 6-yr Inst.

300 USC-Aiken
1,802 360
1,787 402
1,869 411
1,782 333
1,997 440
2,082 473
2,195 543
2,157 458

71 61 14 38 4
63 18 39
71 15 42
68 15 33
71 10 33
71 14 37
71 12 34
72 13 36

315 USC-Spartanburg
1,984 421
1,963 452
2,147 431
2,311 474
2,370 547
2,491 601
2,597 569
2,911 616

66 48 14 39 4
64 17 40
72 17 37
64 12 32
60 15 35
63 15 36
64 15 33
66 15 34

821 Winthrop
3,356 946
3,580 802
3,571 654
3,653 826
3,660 971
3,940 907
4,032 946
4,201

76- 26 50 3
76 28 51
80 36 57
76 31 51
75 32 53
76 32 55
77 33 53
76 33 54

(93)10,625
51,901 (94)11,655 (22%)
53,328 (95)11,890 (22%)
52,733 (96)10,823 (20.5%)
53,934 (97)11,127 (20.6%)
55,269 (98)12,429 (22.5%)
56,136 (99)12,709 (22.6%)
56,750 (00)12,675 (22.3%)
58,414 (01)13,078 (22.4%)

75% 31% 58% 3.55
77.6% 30% 57%
79% 29% 57%
76% 26% 54%
76% 27% 54%
77% 29% 55%
78% 28% 54%
78% 32% 54%

South Carolina

-4-

1988 - 58% + 2% = non-graduation rate - 40%
1989 - 57% + 2% = non-graduation rate - 41%
1990 - 57% + 2% = non-graduation rate - 41%
1991 - 54% + 2% = non-graduation rate - 44%
1992 - 54% + 2% = non-graduation rate - 44%
1993 - 55% + 5%* = non-graduation rate - 40%
1994 - 54% + 5% = non-graduation rate - 41%
1995 - 54% + 5% = non-graduation rate - 41%

* Includes inter-system graduates

of Undergraduate Students on Campus Who Will Never Graduate

(1988-94) = 20,760
(1989-95) = 21,864
(1990-96) = 21,621
(1991-97) = 23,731
(1992-98) = 24,318
(1993-99) = 22,454
(1994-00) = 23,268
(1995-01) = 23,950

1988 cost @ \$4700 = \$ 97,573,880
1989 cost @ \$4700 = \$102,763,050
1990 cost @ \$5000 = \$108,102,650
1991 cost @ \$5000 = \$118,655,000
1992 cost @ \$4900 = \$119,158,200
1993 cost @ \$5100 = \$114,517,440
1994 cost @ \$5200 = \$120,993,600
1995 cost @ \$5200 = \$124,538,640

Data Source: Commission on Higher Education Data
Institutional Data
U. S. News & World Report - 2003
Peterson's Guide - 2003
Time - Princeton Review - 2002
NCAA - 2001
Barron's Educational Series - 2003

SUMMARY CONCLUSIONS OF STUDY PHASE I

GRADUATION AND RETENTION RATES

Graduation and retention rates at four public institutions are only considered for those freshman cohorts who enter at any given year and are tracked through that entry institution. All cohorts are full time degree seeking first time freshman.

This study tracks these students and how many return as sophomores and finally graduate in six years or less. These are for years 1988 through 1995 cohorts.

It seems at most public institutions in the United States, administrators and faculty do not care much for that students "hang around" and take extra years to complete their degrees, or in many cases, never get a degree at all. Most states have more four year institutions in which the graduation rates are fifty percent or below than above. In the United States, there are thirty-two states having system wide graduation rates below fifty percent.

This means for these institutions and states over a six year period of freshman admissions, there are more students on campus any academic calendar year that will never graduate than those students who will graduate.

Cost analysis of non-graduates for each state are included. This cost does not include student/parent costs or federal or state grants and loans. Include these and you increase the non-graduation costs by three times -- about \$24 billion dollars nationally.

Sophomore retention rates in most instances are the key resource to admissions. Selecting better-qualified and prepared freshman applicants is rewarded in sophomore returnees. Some say graduation rates don't mean much. When a college has high rates, they use these data in promoting the institution, but if the graduation rates are low, there are always reasons they are of no value. Both retention and graduation rates are important in evaluating quality college education.

All students arrive having taken the same SAT/ACT tests and come from the same high schools, so there is no reason not to compare all public senior institutions. Academic quality should be the same for the first time full time degree-seeking students during any given year of entry.

These data speak for themselves.

HS/sse/stille-2

**Study Phase II
SOURCES ON DATA**

**Four-Year Public Institutions
Freshman Admissions – Fall – 1994 to 2001**

Total Undergraduate Enrollment – Full Time/Part Time Students

Full Time Freshman – Those Applied – Accepted – Enrolled with percentages.

SAT 25-75th Percentile (Old SAT Scores Used in 1994). (When single scores appear, these are 50th percentile scores.)

High School Class Rank – Percent in Top 10% - 25% - 50% of Class.

Percent Freshman from within the State.

**State Freshman SAT/ACT Score Average.
All Students Tested on SAT, ACT or Both.
All Converted to Both SAT and ACT.**

State Freshman National SAT/ACT Score Rank.

All Above Data From US News 1996 through 2003.

America's Best Colleges, 2400 N. Street, N. W., Washington, DC 20037-1196.

NCAA – Enrollment and Persistence Reports, 1994 through 2000.

Overland Park, Kansas 66211-2422.

Peterson's Guide – 1996 to 2003. P. O. Box 2123, Princeton, NJ 08543

Time – Princeton Review – Time-Life Bldg., Rockefeller Center, NY 10020

Barron's - Profiles of American Colleges - 2003 - 250 Wireless Blvd.,

Hauppauge, N.Y. 11788

State Student Academic Level Institutional Average.

State Student Academic Level National Rank.

These data are from Money's College Guide, September 1996, page 138. For each Institution and State Average.

Student Academic Level. When reporting on the most recent entering class, schools assign a score from 1 to 5 to the typical freshman:

- 1. Student is from top 20% of high school class, has a GPA of B+ or better and SAT scores above 1,200 or ACT scores above 28.**
- 2. Top 40% of high school class; GPA of B or better, SAT scores between 1,100 and 1,199, ACT scores of 27 to 28.**
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- 4. Top 60% of class; GPA of C or better, SAT scores between 800 and 949, ACT scores of 19 to 22.**
- 5. Grades/scores lower than above.**

Time/Princeton Review Admissions Competitive Rate vs. Other Institutions

JHM/hcstilesourcesondata.doc

Four-Year Public Institutions	
Freshman Admissions -	Fall 1994, Fall 1995, Fall 1996, Fall 1997, Fall 1998, Fall 1999 Fall 2000, Fall 2001

Institution	Total Undergrad FT/PT	Full Time Freshman App/Acc/Enr	SAT * 25-75 Percentile	High School		Percent From In State	Time Admiss. Rate Score**
				Rank -	Top		
				10%	25% 50%		
The Citadel	(94)	1999/242	1462/1239/482 85%/39%	840-1100	11%-34%-75%	52%	
	(95)	1914/246	1469/1302/534 89%/45%	960-1150	13%-37%-73%	50%	
	(96)	1887/ 80	1330/1140/475 86% 42%	960-1160	13%-37%-73%	52%	
	(97)	1814/122	1449/1195/538 82% 45%	960-1160	14%-33%-66%	47%	
	(98)	1801/138	1319/1085/484 82% 45%	970-1170	13%-37%-70%	51%	75
	(99)	1854/101	1507/1198/517 79% 43%	960-1150	10%-36%-71%	51%	73
	(00)	1876/119	1804/1453/553 81% 38%	960-1160	9%-29%-68%	50%	
(01)	2013/ 87	1678/1390/570 83% 41%	970-1170	8%-29%-66%	50%		

<u>Institution</u>	<u>Total</u>		<u>Full Time</u>		<u>SAT</u> <u>25-75</u> <u>Percentile</u>	<u>High School</u>		<u>Percent</u>		<u>Time</u>	
	<u>Undergrad</u>	<u>FT/PT</u>	<u>Freshman</u>	<u>App/Acc/Enr</u>		<u>Rank - Top</u>	<u>10% 25% 50%</u>	<u>From In</u>	<u>State</u>	<u>Admiss.</u>	<u>Rate</u> <u>Score**</u>
Clemson Univ.	(94) 11,473/817		8263/5767/2367 70% / 41%		940-1150	34%-68%-94%	73%				
	(95) 11,707/850		7792/6217/2565 80% / 41%		1040-1220	31%-61%-92%	72%				
	(96) 11,717/803		7956/6174/2546 78% 41%		1040-1220	30%-62%-92%	72%				
	(97) 11,907/803		8358/6149/2474 74% 40%		1030-1240	32%-65%-92%	72%				
	(98) 12,223/830		9353/6458/2706 69% 42%		1030-1240	32%-67%-93%	69%			80	
	(99) 12,694/832		9501/6484/2891 68% 45%		1060-1260	34%-59%-95%	69%			77	
	(00) 13,288/778		10,472/6685/3034 64% 45%		1080-1260	37%-70%-96%	70%				
	(01) 13,140/835		11,432/5976/2543 52% 43%		1090-1280	44%-80%-97%	70%				
	(94) 3095/1103		2350/1742/761 76% / 43%		760-960	10%-34%-69%	71%				
	(95) 3097/1103		2376/1324/737 56% / 58%		890-1080	12%-27%-71%	65%				
Coastal Carolina	(96) 3368/ 442		2482/1907/833 77% 44%		890-1090	10%-31%-70%	70%				
	(97) 3544/ 739		2324/1819/585 78% 32%		910-1100	10%-35%-69%	63%				
	(98) 3623/ 805		2474/1938/859 78% 45%		910-1090	9%-42%-72%	63%			72	
	(99) 3568/ 802		2420/1753/766 72% 44%		940-1110	11%-48%-77%	62%			70	
	(00) 3675/ 730		2533/1813/792 72% 44%		930-1100	14%-46%-77%	62%				
	(01) 4007/ 764		3095/2296/941 74% 41%		940-1120	12%-46%-75%	59%				

Institution	Total		Full Time		SAT 25-75 Percentile	High School Rank - Top 10% 25% 50%	Percent From In State	Time Admiss. Rate Score**
	Undergrad		Freshman					
	FT/PT		App/Acc/Enr					
Coll. of Charleston	(94)	7121/1106	5346/3561/1633	67%/ 46%	930-1110	26%-59%-92%	73%	
	(95)	7484/1098	5158/3823/1609	74%/ 37%	1030-1190	26%-52%-92%	73%	
	(96)	7406/ 631	5049/3696/1502	73% 41%	1030-1200	28%-59%-92%	73%	
	(97)	8129/1123	5753/3856/1434	67% 37%	1040-1210	28%-61%-92%	64%	
	(98)	8354/1130	6942/4496/1935	65% 43%	1050-1220	27%-58%-91%	66%	77
	(99)	8634/1079	7313/3252/2074	44% 64%	1050-1230	28%-59%-91%	63%	75
	(00)	8688/1062	7957/5323/2001	67% 38%	1070-1250	27%-62%-91%	63%	
Francis Marion Univ.	(01)	8960/ 974	8356/5471/1974	65% 36%	1080-1230	27%-61%-92%	64%	
	(94)	3086/464	1770/1544/805	87%/52%	740-940	13%-36%-69%	95%	
	(95)	2952/466	1919/1779/765	93%/43%	842-960	13%-35%-70%	94%	
	(96)	2823/ 471	1585/1104/668	70% 61%	850-1030	14%-34%-73%	94%	
	(97)	2597/ 500	1470/1167/735	79% 62%	860-1060	17%-42%-73%	94%	
	(98)	2648/ 428	1486/ 908/646	61% 72%	860-1050	16%-29%-58%	91%	64
	(99)	2532/ 391	1520/1216/571	80% 47%	860-1040	14%-34%-71%	91%	64
	(00)	2490/ 305	1632/1257/609	77% 48%	860-1040	15%-38%-69%	94%	
	(01)	2586/ 236	1657/1281/637	77% 50%	870-1070	15%-36%-75%	94%	

<u>Institution</u>	<u>Total</u>		<u>Full Time</u>		<u>SAT</u> <u>25-75</u> <u>Percentile</u>	<u>High School</u>		<u>Percent</u>		<u>Time</u> <u>Admiss.</u> <u>Rate</u> <u>Score**</u>
	<u>Undergrad</u>		<u>Freshman</u>			<u>Rank - Top</u>		<u>From In</u>		
	<u>FT/PT</u>		<u>App/Acc/Enr</u>			<u>10% 25% 50%</u>	<u>State</u>			
<u>Lander Univ.</u>	(94)	1890/433	1178/1095/494	93%/45%	-	7%-43%-75%	93%			
	(95)	2045/433	1246/1139/483	91%/43%	922-	17%-38%-80%	93%			
	(96)	2079/457	1160/1034/451	89% 44%	920-1140	19%-43%-87%	94%			
	(97)	2077/ 439	1223/1092/421	89% 39%	920-1140	20%-49%-91%	92%			
	(98)	2173/ 294	1325/1175/491	89% 42%	920-1140	21%-42%-87%	92%			70
	(99)	2133/ 338	1438/1229/497	85% 40%	920-1140	21%-28%-87%	94%			70
	(00)	2119/ 317	1441/1165/515	81% 44%	920-1140	10%-33%-75%	94%			
<u>S. C. State</u>	(01)	2198/ 307	1453/1259/491	87% 39%	890-1090	10%-24%-70%	94%			
	(94)	3685/462	1746/1269/609	73%/48%	754-	- - -	85%			
	(95)	3713/416	2922/1731/862	59%/50%	825-	- - -	83%			
	(96)	3487/281	2922/1940/816	59% 47%	790-990	12%-32%-64%	85%			
	(97)	3412/320	2900/1711/888	59% 52%	800-1000	12%-32%-64%	85%			
	(98)	3609/424	3107/1847/739	59% 40%	800-1000	10%-30%-57%	81%			61
	(99)	3532/436	3420/1708/680	50% 40%	804- 873	6%-17%-29%	81%			60
(00)		3252/387	3715/1480/610	40% 41%	760- 960	6%-15%-65%	77%			
	(01)	3149/338	3597/1998/615	56% 31%	730-920	5%-35%-72%	73%			

<u>Institution</u>	<u>Total</u>		<u>Full Time</u>		<u>SAT</u> <u>25-75</u> <u>Percentile</u>	<u>High School</u>		<u>Percent</u>		<u>Time</u> <u>Admiss.</u> <u>Rate</u> <u>Score**</u>
	<u>Undergrad</u>		<u>Freshman</u>			<u>Rank - Top</u>		<u>From In</u>		
	<u>FT/PT</u>		<u>App/Acc/Enr</u>			<u>10% 25% 50%</u>	<u>State</u>			
USC-Aiken	(94)	1802/1433	880/638/403	73%/62%	820-1000	19%-53%-94%	96%			
	(95)	1787/1436	855/643/489	75%/67%	864	13%-36%-66%	87%			
	(96)	1869/1107	853/632/445	75% 68%	860-1070	13%-36%-66%	86%			
	(97)	1782/1173	850/638/333	75% 52%	860-1070	14%-37%-73%	85%			
	(98)	1997/1110	1114/771/440	69% 57%	860-1070	16%-37%-75%	86%			61
	(99)	2082/1008	1153/696/473	60% 68%	860-1070	17%-43%-78%	85%			71
	(00)	2195/ 953	1321/846/543	64% 64%	860-1070	16%-40%-77%	86%			
USC- Columbia	(01)	2157/ 982	1231/708/458	58% 65%	860-1070	11%-35%-70%	86%			
	(94)	12,410/3618	8973/6934/12,429	77%/ 35%	830-1080	26%-58%-92%	86%			
	(95)	12,403/3512	8530/6741/2678	79%/ 40%	960-1190	28%-61%-92%	86%			
	(96)	12,379/3368	9029/7062/2703	78% 38%	970-1200	28%-62%-92%	81%			
	(97)	12,708/3120	10,169/7796/2591	77% 33%	950-1200	28%-66%-99%	84%			
	(98)	12,847/3060	10,658/7529/2750	71% 37%	960-1210	33%-67%-94%	83%			76
	(99)	12,676/2875	10,162/6844/2668	67% 39%	980-1220	34%-65%-92%	89%			73
	(00)	12,538/2728	9,959/6902/2542	69% 37%	1000-1220	30%-59%-90%	88%			
	(01)	13,092/2414	11,176/7788/3287	70% 42%	990-1210	25%-54%-88%	87%			

<u>Institution</u>	<u>Total</u>		<u>Full Time</u>		<u>SAT</u> 25-75 Percentile	<u>High School</u>		<u>Percent</u>		<u>Time</u> <u>Admiss.</u> <u>Rate</u> <u>Score**</u>
		<u>Undergrad</u> <u>FT/PT</u>	<u>Freshman</u> <u>App/Acc/Enr</u>			<u>Rank - Top</u> <u>10% 25% 50%</u>	<u>From In</u> <u>State</u>			
USC- Spartanburg	(94)	1984/1307	963/534/474 55%/83%	760-980	13%-39%-74%	95%				
	(95)	1963/1291	1073/677/387 63% 76%	863-	14%-41%-81%	95%				
	(96)	2147/ 962	1129/960/466 85% 49%	860-1070	14%-41%-81%	92%				
	(97)	2311/1081	1168/740/474 63% 64%	840-1050	14%-41%-81%	94%				
	(98)	2370/1032	1274/741/547 71% 35%	840-1050	11%-34%-71%	95%			61	
	(99)	2491/1001	1254/804/601 64% 75%	830-1040	11%-33%-69%	93%			61	
Winthrop Univ.	(00)	2597/ 988	1356/834/569 62% 68%	850-1060	13%-35%-73%	95%				
	(01)	2911/ 988	1517/747/616 49% 82%	860-1070	13%-36%-74%	95%				
	(94)	2147/962	2261/1720/744 76%/43%	870-1090	25%-61%-94%	85%				
	(95)	3580/553	2403/2064/867 86% 42%	950-1170	22%-61%-84%	85%				
	(96)	3571/343	2406/2104/819 87% 39%	930-1160	24%-53%-80%	85%				
	(97)	3653/641	2662/2130/654 80% 31%	930-1150	25%-55%-91%	86%				
	(98)	3660/680	2651/2019/826 76% 41%	930-1140	23%-55%-89%	86%			68	
	(99)	3940/671	3003/2251/971 75% 43%	940-1130	24%-55%-89%	89%			68	
	(00)	4032/618	3019/2163/907 72% 42%	940-1170	26%-58%-91%	88%				
	(01)	4201/637	3207/2369/946 74% 40%	940-1150	19%-50%-87%	89%				

<u>Institution</u>	<u>Total</u>		<u>Full Time</u>		<u>SAT</u>		<u>High School</u>		<u>Percent</u>		<u>Time</u>	
	<u>Undergrad</u>		<u>Freshman</u>		<u>25-75</u>		<u>Rank - Top</u>		<u>From In</u>		<u>Rate</u>	
	<u>FT/PT</u>		<u>App/Acc/Enr</u>		<u>Percentile</u>		<u>10% 25% 50%</u>		<u>State</u>		<u>Score**</u>	

State	(94)	51,901/11,655	35,192/26,093/11,201				22%-51%-82%	76%				
Total			74%/ 43%									
	(95)	52,645/11,404	35,743/27,440/11,976				22%-50%-80%	75%				
			77% 44%									
	(96)	52,733/ 8,945	36,503/27,753/11,724			972-1153	23%-52%-86%	75%				
			76% 42%			(1062)						
	(97)	53,934/10,061	38,326/28,293/11,127			950-1162	24%-54%-87%	74%				
			74% 39%			(1056)						
	(98)	55,269/ 9,931	41,703/28,967/12,433			956-1165	24%-53%-86%	75%			73.06	
			69% 43%			(1061)						
	(99)	56,136/ 9,534	44,423/29,040/12,709			937-1169	25%-52%-84%	77%			71.75	
			65% 44%			(1053)						
	(00)	56,750/ 8,985	45,209/29,921/12,675			984-1181	25%-54%-86%	77%				
			66% 42%									
	(01)	58,414/ 8,562	48,399/31,283/13,078			982-1178	24%-54%-85%	77%				
			65% 42%									

2001

(all tested)

State Freshman SAT/ACT Score Average -	959/20.05
State Freshman National SAT/ACT Score Rank -	48th/48th
State Student Academic Level Institutional Average -	3.55
State Student Academic Level National Rank -	36th

* 1994 SAT scores are old scores

1995-1998 SAT scores are recent scores

Single scores listed are 50th percentile scores

** Time-Princeton Review Admissions Competitive Rate vs. Other Institutions

SUMMARY CONCLUSIONS OF STUDY PHASE II

FRESHMAN ADMISSIONS

PUBLIC INSTITUTIONS FALL OF 1994 TO 2001

The quality of academic ability of the entering freshman cohort student is the key ingredient to future success and enhances the ability of these students to do college work and graduate.

There are too many students enrolled each year at public institutions who should never be on the four year campus as freshman. Those students less academically prepared should be tracked through the two year system where they can find better success in making the transition from high school to college.

The enclosed data clearly shows many unqualified students are coming to the four year campus unfit to do college required studies.

All across the United States, university people in their zest to keep campus student numbers up to meet budgets allow poorly academically prepared students to enter the four year system only to fail, drop out or withdraw, never to go back again.

The quality of the entering freshman class is noted in two pieces of data. The lower side 25th percentile SAT/ACT scores and the percent of those freshman enrolled who were in the top ten percent of their high school class. Also, in addition those freshman students enrolled who are in the lower 50th percent of their high school class. It is clear these latter group of students who are academically in the bottom half of their high school class should not be on the four year campus as freshman except in rare circumstances.

We must make the four year campus a place where qualified academically prepared freshman students are allowed to enter and succeed to graduation. Those other students can track through the two year system and if successful there, these students can then move on to the four year system.

The number of students from within their own home state is used to show the academic potential derived from taking the SAT or ACT test for entrance to college. Those students from states whose average test scores are poor on these tests should be more diligent in restricting lower half high school class graduates from entering the four year campus directly from high school.

STUDY PHASE II (CONTINUED...)

No four year campus should have an open admissions policy.

The whole system as it is now supports the bloated bureaucracy within the institutions and is excessively costly to taxpayers, students and parents.

The reason the combined means for the SAT or ACT test scores are shown is to denote how state scores compare for those years shown. Combined means also show all test takers from a state for that year.

For example, if South Carolina ranks 49th in combined SAT/ACT scores, it is even more important to limit those students who fall into their lower 50th percentile of the graduating class to enter the four year campus.

Institution	Yr.	Cohort Enroll.	Soph. Ret.	4-Yr. Graduated			5-Yr. Graduated			5-Yr. Still Enrolled			6-Yr. Graduated			4-Yr. Still Enrolled			After 6-Yrs.		Total Not Enroll. At All
				Same	Other	Total	Same	Other	Total	Same	Other	Total	Same	Other	Total	Same	Other	Total	2-Yr. Grad.	Still Enroll.	
The Citadel	93	518	437	84.3%	307	3	310	354	6	360	12	9	364	10	374	4	2	2	5	150	29%
	94	481	388	80.7%	283	2	285	309	9	318	5	11	316	12	328	4	5	1	2	141	29.3%
	95	499	421	84.3%	312	0	312	343	5	348	6	6	350	10	360	5	1	1	2	144	29%
	96	474	369	77.8%	265	0	265	297	4	301	15	14	310	8	318	5	7	5	2	137	29%
	97	441	338	76.6%	273	4	277	308	8	316	9	6	316	8	324	5	7	5	2	137	29%
	98	484	374	77.3%	277	2	279	297	4	301	15	14	310	8	318	5	7	5	2	137	29%
	99	517	383	74.1%	277	2	279	297	4	301	15	14	310	8	318	5	7	5	2	137	29%
	00	553	448	81%	277	2	279	297	4	301	15	14	310	8	318	5	7	5	2	137	29%
	01	570	447	78%	277	2	279	297	4	301	15	14	310	8	318	5	7	5	2	137	29%

[illegible]

7

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Comparative Institutional Listings

The purpose of the following ranks of public and private research institutions is to determine if there is any degree of correlation between the *U. S. News "Best Colleges 2000"* ranking of national universities. The *Time/Princeton Review "Best College for You 2000"* and The Freshman Academic Admissions Rank proposed by this research analyst.

The data enclosed indicates a correlation of .75 and a reliability of .56 for the comparison to the public sector institutions.

This data indicates a correlation of .94 and a reliability of .88 for the comparison to the private sector institutions.

Dr. Harry C. Stille

HS/vhr/2000nov2-10

Top 50
(National)
Public Research Universities
Rank Comparisons
Fall 1999

		Academic Reputation		6-Yr. Grad. Rate	Time-Princeton Review 1999		Rate Score	Stille Scale-1999-Rate Score	
		1999 US News	Score					25 th SAT + Top 10% of High School Class	
1.	Cal.-Berkeley	4.7	83%	1.	U. Virginia	95	1.	Cal. Berkeley	1325
2.	U. Virginia	4.3	92%	2.	William & Mary	93	2.	Georgia Tech	1300
3.	UCLA	4.3	78%	3.	Cal. Berkeley	92	3.	U. Virginia	1289
4.	U. Michigan	4.5	83%		UCLA	92	4.	William & Mary	1284
5.	UNC-Chapel Hill	4.2	82%		UNC-Chapel Hill	92	5.	UCLA	1267
6.	William & Mary	3.8	89%	6.	Cal.-San Diego	90	6.	Cal.-San Diego	1236
7.	Cal.-San Diego	3.8	80%	7.	U. Michigan	89	7.	U. Michigan	1203
8.	U. Illinois	4.1	77%		Georgia Tech	89	8.	Colorado - Mines	1199
	U. Wisconsin	4.3	73%	9.	U. Wisconsin	87		UNC-Chapel Hill	1199
10.	Georgia Tech	4.0	69%		SUNY-Binghamton	87	10.	U. Illinois	1189
	Penn State	3.9	80%		U. Florida	87	11.	U. Florida	1176
12.	Cal.-Davis	3.8	74%	12.	U. Illinois	86	12.	SUNY-Binghamton	1173
13.	Cal.-Santa Barbara	3.5	70%	13.	Penn State	85	13.	Cal.-Santa Barbara	1155
	U. Texas	4.0	66%	14.	Rutgers	84		U. Georgia	1153
	U. Washington	3.9	70%		Colorado - Mines	84	15.	Penn State	1149
16.	Cal.-Irvine	3.6	74%	16.	U. Georgia	83	16.	U. Maryland	1141
	U. Florida	3.6	67%		U. Texas	83	17.	Cal.-Davis	1135
18.	Purdue U.	3.8	65%		Texas A&M	83	18.	U. Texas	1134
	Texas A&M	3.6	71%	19.	U. Washington	82	19.	Miami - Ohio	1133
	U. Minnesota	3.8	49%	20.	Cal.-Davis	81		U. Missouri	1133

Of Top 50 = 17. Number of these with 80 percent graduation rate or better = 7.

Top 50

1999 US News	Academic Reputation Score	6-Yr. Grad. Rate	Time-Princeton Review 1999	Rate Score	Stille Scale-1999-Rate Score 25 th SAT + Top 10% of High School Class
21.	U. Iowa	3.7 64%	Miami – Ohio	81	21. Cal.-Santa Cruz 1116
22.	Miami – Ohio	3.3 80%	U. Delaware	81	22. Texas A&M 1115
	Rutgers	3.4 73%	Florida State U.	81	23. U. Wisconsin 1106
	SUNY-Binghamton	3.1 82%	24. U. Maryland	80	24. Michigan Tech 1093
	U. Delaware	3.2 72%	Michigan Tech	80	25. Virginia Tech 1091
	U. Georgia	3.4 66%	Virginia Tech	80	26. Cal.-Irvine 1090
	U. Maryland	3.7 64%	Clemson U.	80	27. Florida State U. 1085
28.	Colorado - Mines	3.3 55%	U. Hawaii	80	28. NC State 1084
29.	Ohio State	3.7 56%	U. Pittsburgh	80	29. Rutgers 1083
30.	Virginia Tech	3.4 72%	U. Alabama	79	30. U. Colorado 1074
31.	U. Indiana	3.8 66%	30. NC State	79	31. U. Washington 1067
	Michigan State U.	3.5 66%	SUNY-Buff.	79	32. Clemson U. 1062
	Ohio Univ.	3.1 70%	Cal.-Riverside	79	33. Oklahoma State U. 1060
	Cal.-Riverside	3.2 68%	U. Colorado	78	34. U. Kentucky 1059
	Cal.-Santa Cruz	3.2 62%	Cal.-Irvine	78	35. U. Minnesota 1058
	U. Colorado	3.6 61%	U. Oklahoma	78	36. U. Vermont 1057
	U. Connecticut	3.2 66%	U. Minnesota	78	37. Iowa State 1056
38.	Auburn U.	3.1 66%	U. Arkansas	78	Delaware 1055
	Clemson U.	3.0 72%	39. Cal.-Santa Cruz	77	39. U. Pittsburgh 1054
	Iowa State	3.3 61%	U. Missouri	77	40. Colorado State 1054
	NC State	3.2 63%	U. Iowa	77	41. U. New Hampshire 1052
	U. Kansas	3.4 54%	U. New Hampshire	77	42. U. Iowa 1050
	U. Pittsburgh	3.4 62%	U. Kentucky	77	43. Ohio Univ. 1049
	U. Vermont	3.0 69%	44. Cal.-Santa Barbara	76	44. Cal.-Riverside 1034
45.	Florida State U.	3.0 64%	Florida Tech	76	45. U. Connecticut 1032

Top 50

		Academic		6-Yr.		Time-Princeton		Rate		Stille Scale-1999-Rate Score	
		Reputation	Grad.	Rate		Review 1992		Score		25 th SAT + Top 10% of High School Class	
1999	US News	Score									
48.	U. New Hampshire	2.9	73%			Oklahoma State U.		76		U. Indiana	1031
	U. Tennessee	3.2	56%			U. Massachusetts		76		U. Massachusetts	1027
	Michigan Tech.	2.7	63%			U. Connecticut		75		U. Arizona	1022
	U. Arizona	3.6	53%			Colorado State		74		U. Oklahoma	1021
	U. Massachusetts	3.3	57%			Iowa State		73		U. Kansas	1016
	U. Missouri	3.3	60%			U. Vermont		73			

Stille Score to U. S. News

Correlation	.75
Reliability	.56

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Private National Universities Ranks
Selectivity Rating Comparisons

1999 US News	Time-Princeton Review 1999	Stille Scale 1999 25 th SAT + Top 10% of High School Class
1. Cal. Tech	1. Harvard U.	1. Cal. Tech.
2. Harvard U.	MIT	2. MIT
3. MIT	Princeton U.	3. Harvard U.
4. Princeton U.	Yale U.	4. Yale U.
6. Stanford U.	Georgetown U.	6. Stanford U.
7. Yale U.	Stanford U.	7. Princeton U.
10. Duke U.	Duke U.	9. Rice U.
11. Johns Hopkins	U. Pennsylvania	10. Washington U. (MO)
13. U. Pennsylvania	Columbia U.	11. U. Pennsylvania
14. Columbia U.	Cal. Tech	12. Duke U.
17. Cornell U.	Cornell	13. Brown U.
18. Dartmouth U.	Notre Dame	14. Columbia U.
19. U. Chicago	Johns Hopkins	15. Johns Hopkins
20. Brown U.	Brown U.	16. Emory U.
21. Northwestern U.	Rice U.	17. Northwestern U.
22. Rice U.	Northwestern U.	18. Cornell U.
23. Washington U. (MO)	Boston Coll.	19. Dartmouth U.
24. Emory U.	Tufts U.	20. Georgetown U.
25. Notre Dame	Dartmouth U.	21. Carnegie Mellon
26. Vanderbilt U.	Wake Forest U.	22. Notre Dame
27. Carnegie Mellon	U. Chicago	23. Case Western Res.
28. Georgetown U.	Emory U.	24. U. Chicago
29. Wake Forest U.	Washington U. (MO)	25. Tufts U.
30. Tufts U.	Colgate U.	26. Brandies U.

Private National Universities

-2-

1999 US News	Time-Princeton Review 1999	Stille Scale 1999 25 th SAT + Top 10% of High School Class
25. Brandies U. 3.7	25. Carnegie Mellon 90	24. Vanderbilt U. 1293
26. U. Rochester (NY) 3.5	26. New York Univ. 89	25. New York Univ. 1290
27. Case Western Res. 3.6	Vanderbilt U. 89	26. Wake Forest U. 1284
28. Lehigh U. (PA) 3.3	28. Lehigh U. (PA) 88	27. U. Rochester (NY) 1266
29. New York U. 3.7	29. Boston U. 87	28. Boston Coll. 1260
30. Boston Coll. 3.5	BYU 87	29. Colgate U. 1253
31. U. Southern Cal. 3.6	Syracuse U. 86	30. Illinois Tech 1231
32. Tulane U. 3.5	Pepperdine U. 85	31. Boston U. 1223
33. Yeshiva 3.0	Brandies U. 85	32. Tulane U. 1217
34. Rensselaer Poly.(NY) 3.6	Stevens Tech. 85	33. Rensselaer Poly (NY) 1212
35. Boston U. 3.4	Catholic U. 84	34. Worcester Tech 1206
Syracuse U. 3.4	U. Miami 84	35. Lehigh U. 1205
Baylor U. 3.3	U. Rochester (NY) 84	36. U. Southern Cal. 1201
George Washington 3.3	Illinois Tech. 84	37. Stevens Tech. 1199
Fordham U. 3.2	Case Western Res. 82	38. BYU 1194
So. Methodist U. 3.2	Worcester Tech. 82	39. George Washington 1161
BYU 3.1	Tulane U. 81	40. Pepperdine U. 1143
Illinois Tech. 3.0	American U. 80	41. U. San Diego 1120
St. Louis U. 3.0	Texas Christian U. 80	42. Syracuse U. 1113
U. Miami 3.0	Rensselaer Poly (NY) 80	43. American U. 1110
American U. 2.9	U. Southern Cal. 80	44. St. Louis U. 1099
Clark U. (MA) 2.9	So. Methodist U. 80	45. Catholic U. 1098
Marquette U. 2.9	Fordham U. 79	46. Marquette U. 1093
Pepperdine U. 2.9	Baylor U. 78	47. Baylor U. 1088
Worcester Tech 2.9	Clark U. (MA) 78	48. U. Miami 1085

Private National Universities

-3-

1999 US News	Time-Princeton Review 1999	Stille Scale 1999 25 th SAT + Top 10% of High School Class
50. Loyola U. (Chicago) 2.8	49. St. Louis U. 77	49. So. Methodist U. 1083
Catholic U. 2.8	50. Marquette U. 76	50. Fordham U. 1080
Stevens Tech. 2.7	51. U. San Diego 74	51. Texas Christian U. 1064
Texas Christian U. 2.7	52. Loyola U. (Chicago) 73	52. Loyola U. (Chicago) 1061
U. San Diego 2.7		53. Clark U. (MA) 1039

Correlation .94
Reliability .88