

Tennessee Board of Regents Summary of Institution Quality

Description:

The quality of an institution is best defined by its students, faculty, and programs. Thus, the summary of institution quality reviews Tennessee Board of Regents institution data in these three areas. This analysis begins with an examination of ACT scores and high school grade point averages for entering freshmen. Next the summary examines the quality of TBR faculty and the availability of merit worthy programs for students. The summary of institution quality concludes by examining the ability of the system to graduate and place students.

Findings:

- ACT scores at the Tennessee Board of Regents universities vary greatly. The average ACT score for a freshman at Tennessee State University in the fall of 2008 was 18.0. At the high end, the average ACT score for entering freshmen at Tennessee Tech was 23.1. The range of ACT scores at the community colleges was much less dramatic in the fall of 2008. Walters state had the highest ACT average score (19.7) while Southwest Tennessee has the lowest average score (16.6).
- The average high school grade point average at TBR universities in the fall of 2008 was 3.22. Three of the universities met or exceeded this average, with Tennessee Tech again having the highest average (3.32). Tennessee State University had the lowest average entering GPA (2.80). The range of high school GPA's was much greater. Southwest Tennessee had the lowest average (2.30) while Walters State had the highest average (3.11).
- Trend data for ACT scores and high school grade point averages indicate that the quality of student, as measured by these factors, has not changed dramatically since 2000. Only a slight increase has been seen in both measures at the university level, as the average ACT score has risen about one point and the average GPA has risen about .2 points.
- Part-time faculty play a much greater role at the community colleges than at the universities. 62% of the faculty at community colleges is part-time. When not including graduate assistants, 33% of the faculty at universities is part-time.
- Professors are more likely to have tenure at a community college than at a university. 98.6% of professors and 87.0% of associate professors at community colleges have tenure.
- Salary increases for TBR faculty and staff from 2007 to 2008 were negligible. Faculty saw a slight increase (.32%) in pay from the previous year, while full time staff actually decreased in average salary. On average, full-time professors make over \$78,000 a year while full-time instructors make around \$40,000 a year.
- In the 2006-07 academic year TBR universities offered 45 different doctoral programs. Universities vary greatly in their number and diversity of doctoral programs. The University of Memphis offers the most different doctoral programs with 22, and several of these have been nationally ranked by US News. East Tennessee offers a variety of degrees at the doctoral level.
- Graduates of teaching programs at TBR institutions have been very successful in gaining licensure. In the 2005-06 year, 96.6% of program graduates passed the licensure exam, highlighted by perfect passing rates at Austin Peay and East Tennessee.
- The success of TBR students wishing to pass an engineering licensure exam varies widely by school and by program. At Tennessee State University only 17.1% of students tested passed the qualifying exam in the 2006-07 year. Success rates at Tennessee Tech and Memphis were much higher. The most successful program was Tennessee Tech's Civil Engineering program, which passed 50 of its 57 test-takers.

- TBR Community colleges passed 93.8% of graduates from the ADN program seeking licensure. Southwest Tennessee had the highest pass rate while Dyersburg had the lowest.
- The community colleges do an excellent job of placing students that graduate from their programs into jobs. Almost 93% of 2006 community college graduates surveyed were placed in a job. This figure accounts for a variety of exemptions, including community college graduates who decide to continue their education or join the military.

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Sources:

- Tennessee Board of Regents
- US News and World report
- Princeton Review

Figure 1a
Average High School G.P.A. and ACT for Entering Freshmen at Universities: Fall 2008

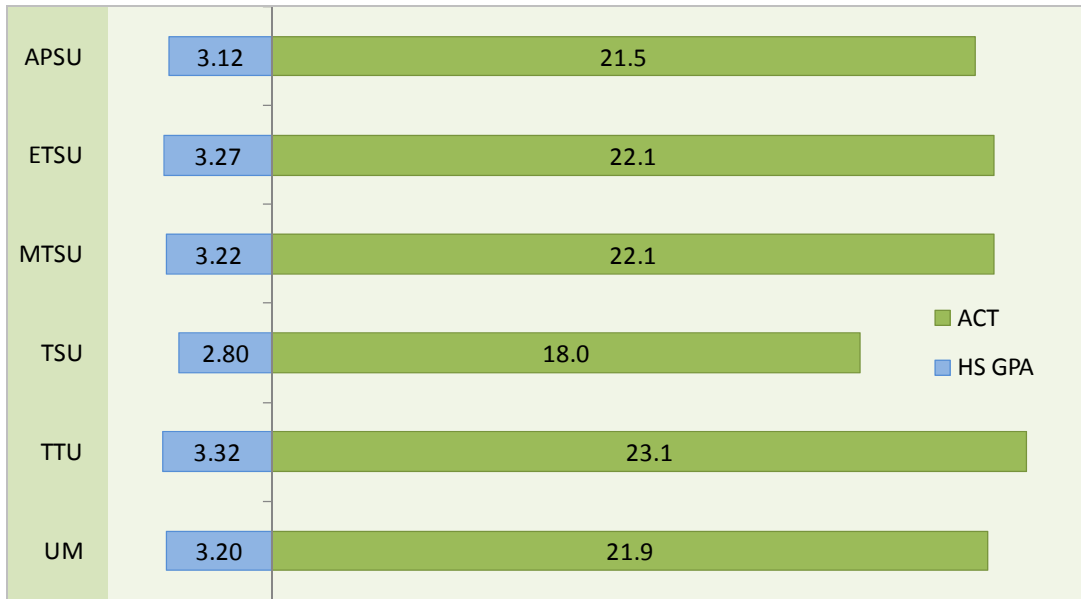


Figure 1b
Average High School G.P.A. and ACT for Entering Freshmen at Community Colleges: Fall 2008



Figure 2a
 Average ACT Score for TBR Entering Freshmen: Fall 2000 to Fall 2008

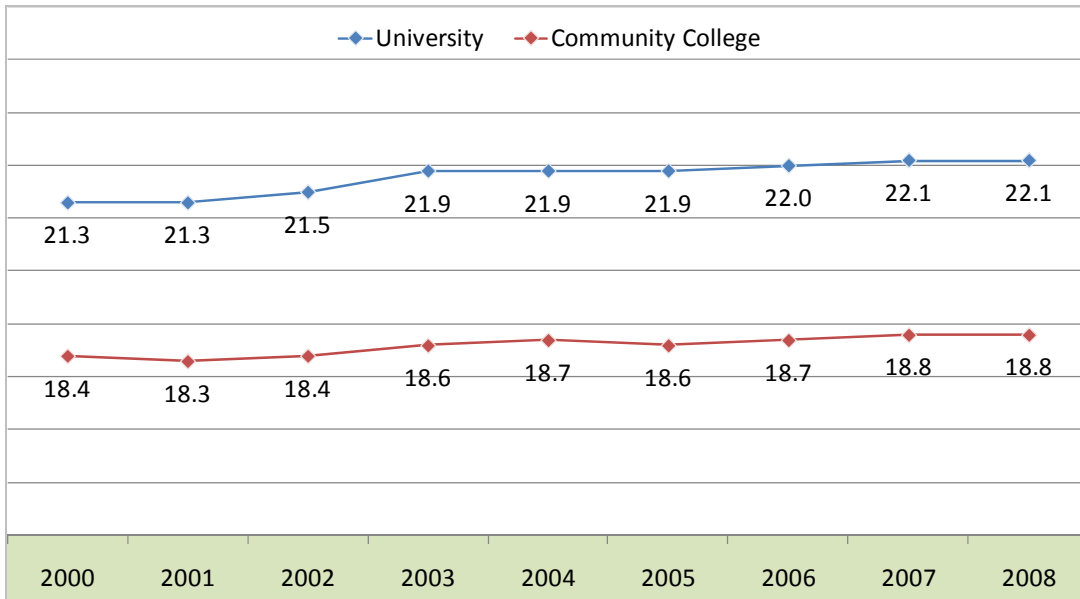


Figure 2b
 Average High School G.P.A. for TBR Entering Freshmen: Fall 2000 to Fall 2008

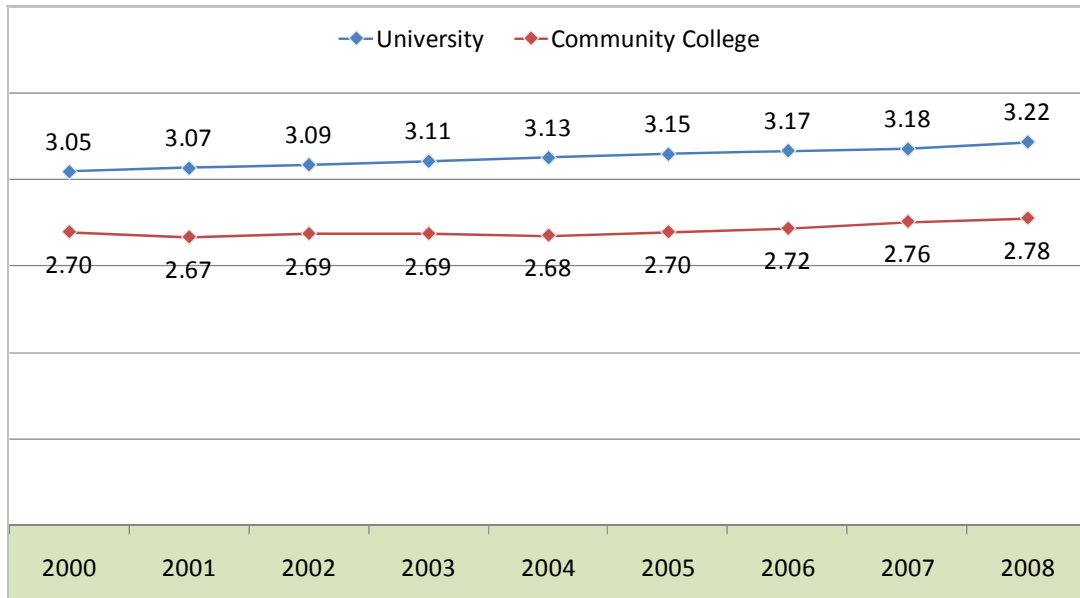


Table 1:
Faculty and Graduate Assistants: Fall 2008

	Total	Full-Time Faculty	% Full-Time	Part-time Faculty	% Part-Time	Grad. Assistant	% Grad-Assist.
APSU	617	303	49.1%	209	33.9%	105	17.0%
ETSU*	1,339	512	38.2%	309	23.1%	518	38.7%
MTSU	1,565	880	56.2%	284	18.1%	401	25.6%
TSU	767	442	57.6%	157	20.5%	168	21.9%
TTU	879	385	43.8%	262	29.8%	232	26.4%
UM	2,374	937	39.5%	499	21.0%	938	39.5%
Uni Total	7,541	3,459	45.9%	1,720	22.8%	2,362	31.3%
CSTCC	597	212	35.5%	385	64.5%	-	-
CLSCC	192	69	35.9%	123	64.1%	-	-
COSCC	221	99	44.8%	122	55.2%	-	-
DSCC	175	56	32.0%	119	68.0%	-	-
JSCC	260	105	40.4%	155	59.6%	-	-
MSCC	241	82	34.0%	159	66.0%	-	-
NSCC	426	153	35.9%	273	64.1%	-	-
NSTCC	267	108	40.4%	159	59.6%	-	-
PSTCC	475	192	40.4%	283	59.6%	-	-
RSCC	334	139	41.6%	195	58.4%	-	-
STCC	613	245	40.0%	368	60.0%	-	-
VSCC	389	143	36.8%	246	63.2%	-	-
WSCC	505	145	28.7%	360	71.3%	-	-
CC Total	4,695	1,748	37.2%	2,947	62.8%	-	-
Total	12,236	5,207	42.6%	4,667	38.1%	2,362	19.3%

* Non-Medical Only

Table 2
Analysis of Full-time Personnel by Race, Gender, and Tenure Status: Fall 2007

	Black		White		Other	
	With Tenure	No Tenure	With Tenure	No Tenure	With Tenure	No Tenure
University Total						
Instructor	1.5%	9.2%	6.4%	77.4%	0.3%	5.3%
Assistant Professor	2.6%	11.6%	10.3%	65.0%	0.7%	9.9%
Associate Professor	9.1%	2.8%	61.5%	16.5%	7.1%	3.0%
Professor	6.9%	1.6%	77.0%	4.1%	9.5%	0.9%
Administrator	5.7%	17.5%	27.0%	48.3%	0.9%	0.6%

Community College Total						
Instructor	0.9%	10.7%	2.7%	83.1%	0.3%	2.4%
Assistant Professor	2.9%	6.4%	23.3%	63.8%	0.5%	2.9%
Associate Professor	10.1%	0.9%	75.3%	12.0%	1.6%	0.1%
Professor	10.0%	0.5%	85.2%	1.0%	3.3%	0.0%
Administrator	2.7%	11.4%	13.0%	72.4%	0.0%	0.5%

System Total*						
Instructor	1.2%	9.8%	4.7%	79.9%	0.3%	4.1%
Assistant Professor	2.5%	9.9%	13.1%	65.3%	0.6%	8.7%
Associate Professor	9.3%	1.9%	67.2%	15.0%	4.7%	1.9%
Professor	7.2%	1.4%	77.8%	4.2%	8.7%	0.7%
Administrator	4.8%	15.1%	22.3%	56.5%	0.7%	0.6%

	Female		Male		Total	
	With Tenure	No Tenure	With Tenure	No Tenure	With Tenure	No Tenure
University Total						
Instructor	5.1%	57.8%	3.1%	34.1%	8.1%	91.9%
Assistant Professor	8.1%	46.4%	5.4%	40.1%	13.5%	86.5%
Associate Professor	30.4%	9.9%	47.3%	12.4%	77.7%	22.3%
Professor	24.8%	2.5%	68.6%	4.1%	93.4%	6.6%
Administrator	12.4%	28.7%	21.3%	37.6%	33.6%	66.4%

Community College Total						
Instructor	1.8%	56.7%	2.1%	39.5%	3.9%	96.1%
Assistant Professor	14.7%	43.4%	12.1%	29.8%	26.8%	73.2%
Associate Professor	50.4%	6.5%	36.6%	6.5%	87.0%	13.0%
Professor	43.1%	0.5%	55.5%	1.0%	98.6%	1.4%
Administrator	8.1%	43.2%	7.6%	41.1%	15.7%	84.3%

System Total*						
Instructor	3.6%	57.3%	2.6%	36.5%	6.2%	93.8%
Assistant Professor	9.4%	45.5%	6.8%	38.3%	16.2%	83.8%
Associate Professor	38.7%	8.6%	42.5%	10.2%	81.2%	18.8%
Professor	26.6%	2.2%	67.2%	4.0%	93.7%	6.3%
Administrator	10.9%	33.6%	17.0%	38.6%	27.9%	72.1%

* System includes ETSU College of Medicine, Family Practice, and Pharmacy.

Table 3
Average Salary by Employee Classification, TBR Filled Positions: Fall 2007 and Fall 2008

	10/31/07		10/31/08		2007-2008
	Total Number FTE	Average Salary	Total Number FTE	Average Salary	% Increase in Avg. Salary
Full-Time Prof.	1,192	78,032	1,181	78,129	0.12%
Full-Time Assoc. Prof.	1,625	57,665	1,637	57,917	0.44%
Full-Time Asst. Prof.	1,360	50,461	1,368	50,630	0.34%
Full-Time Instructors	1,053	39,912	1,043	40,200	0.72%
Full-Time Undesignated	0	0	0	0	0.00%
Total Full-Time Faculty	5,230	56,859	5,229	57,042	0.32%
Total Full-Time Academic	598	55,735	626	55,832	0.17%
Full-Time Admin. Supp.	585	96,825	600	96,854	0.03%
Full-Time Professional	2,939	48,535	3,046	48,274	-0.54%
Full-Time Clerical/Tech	4,561	26,462	4,598	26,490	0.10%
TOTAL FULL-TIME	13,913	40,381	14,099	40,317	-0.16%
Part-Time Faculty/Acad.	53	50,729	56	50,727	0.00%
Part-Time Administrative	5	48,209	5	48,210	0.00%
Part-Time Professional	56	30,814	60	32,780	6.38%
Part-Time Clerical/Tech	265	15,865	272	15,934	0.43%
TOTAL PART-TIME	379	17,638	393	17,708	0.40%

Figure 3
Average Salary for TBR Filled Faculty Positions: Fall 2007 and Fall 2008

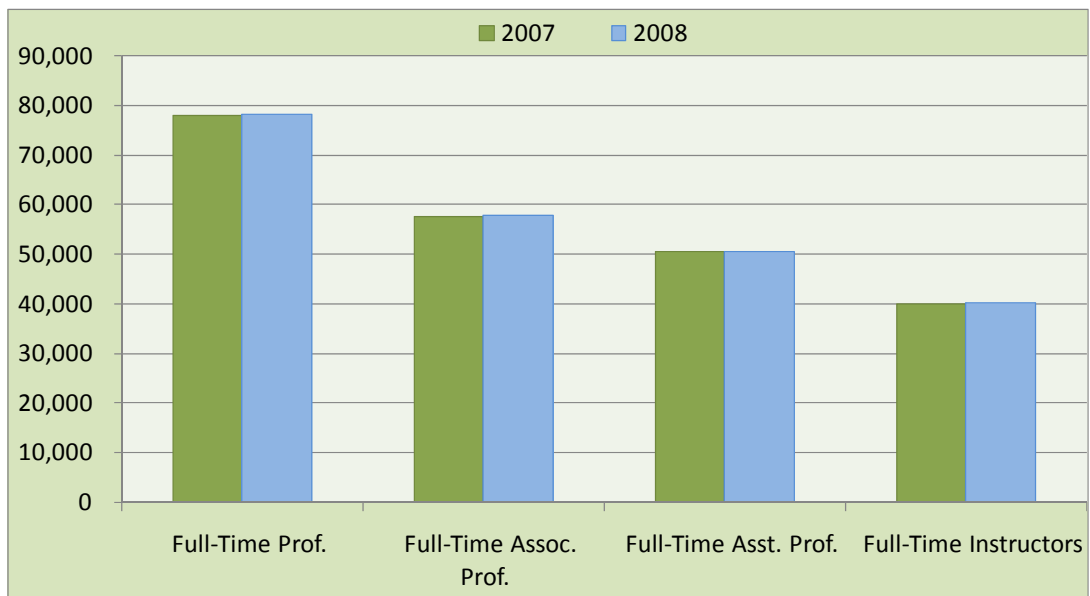


Table 4
 Doctoral Programs Available at TBR Universities: 2006-07

	PHD	EDD	DRPH	DPT	DSN	AUD	DA	DMA	Total
APSU	-	-	-	-	-	-	-	-	0
ETSU*	3	1	1	1	1	1	-	-	8
MTSU	4	-	-	-	-	-	1	-	5
TSU	4	2	-	1	-	-	-	-	7
TTU	3	-	-	-	-	-	-	-	3
UM	16	4	-	-	-	1	-	1	22
Uni Total	30	7	1	2	1	2	1	1	45

* Does not include College of Medicine or Pharmacy

Table 5
 U.S. News and World Report Academic Program and Overall Rankings: 2006

Institution	Recognition	Ranking
East Tennessee State	Rural medicine – Graduate School	3
Tennessee Tech	Best Public University in South	11
Memphis	Discrete Mathematics	14
Memphis	Audiology	8
Memphis	Speech Pathology	13
Memphis	Rehabilitation	39

Table 6
 Princeton Review Academic Program and Overall Rankings: 2006

Institution	Recognition
East Tennessee State	One of "America's Best Value Colleges"
East Tennessee State	A "Best Southeastern College"
East Tennessee State	A "Best Business School"
Tennessee Tech	One of "America's Best Value Colleges"
Tennessee Tech	A "Best Southeastern College"
Tennessee Tech	One of "The 237 Best Business Schools"
Memphis	A "Best Business School"

Table 7
Degrees Awarded by Degree Level: Fall 2008

	Certificate Degree	Associate Degree	Bachelors Degree	Graduate Certificate	Masters Degree	Education Specialist	Doctoral Degree	Medical and Law	Total Awards
APSU	0	109	1,165	0	214	8	0	0	1,496
MTSU	0	0	1,694	13	527	3	69	56	2,362
ETSU	0	0	3,550	4	606	82	15	0	4,257
TSU	0	149	1,001	3	414	30	50	0	1,647
TTU	0	0	1,451	0	426	258	24	0	2,159
UM	0	0	2,438	16	874	12	107	126	3,573
Uni. Total	0	258	11,299	36	3,061	393	265	182	15,494
CSTCC	106	651	0	0	0	0	0	0	757
CLSCC	45	277	0	0	0	0	0	0	322
COSCC	31	473	0	0	0	0	0	0	504
DSCC	9	187	0	0	0	0	0	0	196
JSCC	25	467	0	0	0	0	0	0	492
MSCC	0	404	0	0	0	0	0	0	404
NSCC	123	501	0	0	0	0	0	0	624
NSTCC	142	538	0	0	0	0	0	0	680
PSTCC	30	652	0	0	0	0	0	0	682
RSCC	86	611	0	0	0	0	0	0	697
STCC	423	735	0	0	0	0	0	0	1,158
VSCC	242	590	0	0	0	0	0	0	832
WSCC	284	622	0	0	0	0	0	0	906
C.C. Total	1,546	6,708	0	0	0	0	0	0	8,254

Figure 4:
Teacher Licensure Exam Pass Rates: 2005-2006

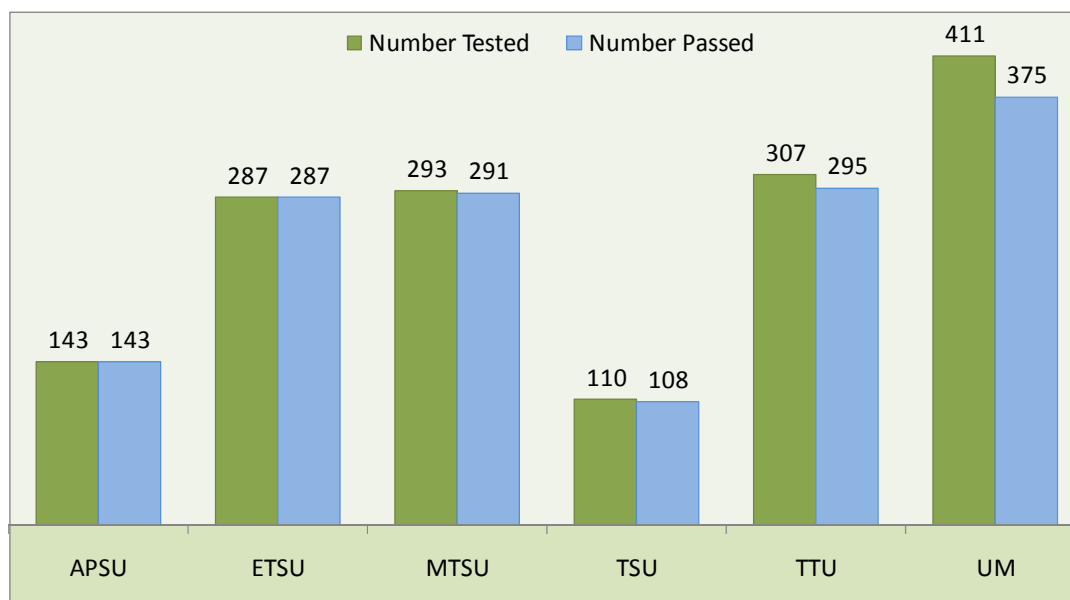


Table 8
Engineering Exam Pass Rates: 2006-2007

Tennessee State University

Major Name	Degree	Graduates	# Tested	# Passed	% Passed
ARCHITECTURAL ENGINEERING	BS	10	12	0	0.0%
CIVIL ENGINEERING	BS	5	4	0	0.0%
ELECTRICAL ENGINEERING	BS	25	20	7	35.0%
MECHANICAL ENGINEERING	BS	6	5	0	0.0%
Total		46	41	7	17.1%

Tennessee Technological University

Major Name	Degree	Graduates	# Tested	# Passed	% Passed
CHEMICAL ENGINEERING	BSCHE	18	11	9	81.8%
CIVIL ENGINEERING	BSCE	50	57	50	87.7%
COMPUTER ENGINEERING	BS	18	11	6	54.5%
ELECTRICAL ENGINEERING	BSEE	37	36	26	72.2%
MECHANICAL ENGINEERING	BSME	75	52	40	76.9%
INDUSTRIAL ENGINEERING	BSIE	14	11	9	81.8%
Total		212	178	140	78.7%

University of Memphis

Major Name	Degree	Graduates	# Tested	# Passed	% Passed
CIVIL ENGINEERING	BSCE	15	16	13	81.3%
ELECTRICAL ENGINEERING	BSEE	11	2	1	50.0%
MECHANICAL ENGINEERING	BSME	13	8	7	87.5%
Total		39	26	21	80.8%

Table 9
Nursing Exam Pass Rates: 2008

Institution	Degree	# Tested	# Passed	% Passed
APSU	BS	80	63	78.75%
ETSU	BS	130	117	90.00%
MTSU	BS	79	75	94.94%
TSU	ADN	131	112	85.50%
TSU	BS	60	39	65.00%
TTU	BS	45	45	100.00%
UoM	BS	161	136	84.47%
Uni. Total		686	587	85.57%
CSTCC	ADN	107	101	94.39%
CISCC	ADN	60	56	93.33%
CoSCC	ADN	109	97	88.99%
DSCC	ADN	46	40	86.96%
JSCC	ADN	145	140	96.55%
MSCC	ADN	57	54	94.74%
RSCC	ADN	93	91	97.85%
STCC	ADN	65	64	98.46%
WSCC	ADN	152	139	91.45%
CC Total		834	782	93.76%
TBR Total		1,520	1,369	90.07%

Table 10
Community College Job Placement: 2006 Graduates

	2006 Grads*	EXEMPTIONS					Total Placeable	Total Placed	Percent Placed
		Educ	Medical	Family	Military	Volunteer			
CSTCC	482	37	0	6	0	0	439	424	96.6%
CLSCC	181	41	2	2	1	0	135	125	92.6%
COSCC	280	4	0	0	0	0	276	222	80.4%
DSCC	127	25	0	1	0	1	100	92	92.0%
JSCC	318	10	1	1	0	0	306	246	80.4%
MSCC	89	9	2	0	0	0	78	74	94.9%
NSCC	424	71	0	13	1	0	339	312	92.0%
NSTCC	282	37	0	1	0	0	244	238	97.5%
PSTCC	224	45	1	1	0	0	177	168	94.9%
RSCC	468	28	3	1	0	0	436	432	99.1%
STCC	989	293	7	10	11	1	667	599	89.8%
VSCC	394	28	2	4	1	0	359	344	95.8%
WSCC	570	38	2	0	0	10	520	508	97.7%
CC Total	4,828	666	20	40	14	12	4,076	3,784	92.8%

* Includes only graduates responding to survey. Institutions are allowed maximum 5% non-respondents.

Figure 5:
Percentage of Graduates Placed: 2006 Graduates

