

**TENNESSEE BOARD OF NURSING  
STATE APPROVED PRACTICAL NURSING PROGRAMS  
ANNUAL REPORT 2005**

**PREPARED BY:  
EAST TENNESSEE STATE UNIVERSITY  
COLLEGE OF NURSING  
CENTER FOR NURSING RESEARCH**

**PATRICIA L. SMITH, ED.D., RN  
DEBI T. PFORTMILLER, MA**

**UNDER CONTRACT WITH:  
THE TENNESSEE CENTER FOR NURSING**

**Table of Contents:**

Highlights..... 3

1. ENROLLMENT AND GRADUATION DATA

    Table 1a. Number of Classes, Admissions, Enrollment, and Graduates ..... 4

    Table 1b. Enrollment Demographics ..... 5

    Table 1c. Graduate Demographics ..... 6

    Table 1d. Number of Schools Reporting Significant Change (>10%) in Enrollment and Expected Enrollment Changes ..... 6

2. PROGRAM CHARACTERISTICS

    Table 2a. Number of Schools that Offer Evening Classes, Weekend Classes, or Advanced Placement ..... 7

3. CURRICULUM

    Table 3a. Assessment/Proficiency Test for Graduating Students and Relationship with NCLEX Pass Rate ..... 8

4. RESOURCES

    Table 4a. Number of Schools Reporting Adequate Clinical Resources Available to Meet the Present Needs of Curriculum ..... 9

    Table 4b. Main Factors Perceived as Creating Limited Clinical Resources ..... 9

    Table 4c. Average Faculty-Student Clinical Ratio ..... 9

5. EVALUATION

    Table 5a. Average Retention Rate of Graduates ..... 10

    Table 5b. Average Placement Rate ..... 11

6. FACULTY SUMMARY

    Table 6a. Faculty Demographics and the Number of Budgeted, Unfilled Full-time Nursing Faculty Positions ..... 12

## Highlights

- The findings in this report are based on the 19 Tennessee Board of Nursing state approved Practical Nursing programs. The programs were surveyed in Winter 2005 and the report is based upon October 2005 data.

### Enrollment as of October 31, 2005

- A total number of 1,455 students are enrolled in a total of 62 classes offered by the nineteen Practical Nursing programs; 9% are male and 17% are from racial and ethnic minorities.
- Six programs (32%) reported a significant increase (>10%) in enrollment since October 31, 2004.

### Graduations from November 1, 2004 – October 31, 2005

- A total number of 1,150 students graduated from the Tennessee Practical Nursing programs; 9% were male and 13% were from racial and ethnic minorities.

### Program Characteristics

- Five programs (26%) offer evening classes.
- Three programs (16%) offer weekend classes.
- Eight programs (42%) offer advanced placement.

### Retention and Placement Rates

- The average retention rate of graduates from November 1, 2004 – October 31, 2005 for all 19 Practical Nursing programs is 66.92% with a range of 29.95-100%.
- The average placement rate for the 2004-2005 classes, within six months of graduation, is 95.17% with a range of 84.1-100%.

### Faculty Summary

- A total of 145 faculty staff the nineteen Practical Nursing programs in Tennessee; 8% are from racial and ethnic minorities.
- There were two (2) reported budgeted, unfilled full-time nursing faculty positions for the current year of November 1, 2005 – October 31, 2006.
- The average faculty-student clinical ratio is 1:10.

## 1. ENROLLMENT AND GRADUATION DATA

**Table 1a. Number of Classes, Admissions, and Enrollment as of October 31, 2005;  
Number of Graduates November 1, 2004-October 31, 2005**

<b>Practical Nursing Program</b>	<b>Number of Classes</b>	<b>Number of Admissions</b>	<b>Number Enrolled</b>	<b>Number of Graduates</b>
Appalachian Regional	3	91	77	99
Blount Memorial Hospital	2	41	41	36
Chattanooga State	2	81	74	74
Four Rivers Regional	6	109	79	78
Jackson Regional	6	170	139	101
South Central Regional	2	27	27	22
Tennessee Valley Regional	6	167	130	143
TTC at Athens	1	32	32	35
TTC at Crossville	1	50	40	18
TTC at Dickson	3	90	74	55
TTC at Elizabethton	4	239	185	114
TTC at Hartsville	1	30	26	26
TTC at Hohenwald	3	59	59	54
TTC at Knoxville	2	64	35	27
TTC at Livingston	3	111	93	69
TTC at Memphis	2	88	61	8
TTC at Morristown	4	97	81	56
TTC at Nashville	5	155	107	84
TTC at Paris	6	127	95	51
<b>TOTAL</b>	<b>62</b>	<b>1828</b>	<b>1455</b>	<b>1150</b>

**Table 1b. Enrollment Demographics as of October 31, 2005**

Practical Nursing Program	TE <sup>a</sup>	Gender		Race						
		F <sup>b</sup>	M <sup>c</sup>	AI/AN <sup>d</sup>	Asian	Black	Hispanic	White	Other	NonUS <sup>e</sup>
Appalachian Regional	77	71	6	0	1	1	0	75	0	0
Blount Memorial Hospital	41	38	3	0	0	2	0	39	0	0
Chattanooga State	74	67	7	0	2	15	0	57	0	0
Four Rivers Regional	79	72	7	0	0	21	0	58	0	0
Jackson Regional	139	131	8	0	1	43	0	95	0	0
South Central Regional	27	21	6	0	0	3	0	24	0	0
Tennessee Valley Regional	130	118	12	0	1	6	0	123	0	0
TTC at Athens	32	31	1	0	0	0	0	32	0	0
TTC at Crossville	40	39	1	0	0	1	0	39	0	0
TTC at Dickson	74	67	7	0	2	12	2	56	2	0
TTC at Elizabethton	185	159	26	2	0	2	1	178	0	2
TTC at Hartsville	26	25	1	0	0	2	0	24	0	0
TTC at Hohenwald	59	52	7	0	0	3	0	56	0	0
TTC at Knoxville	35	31	4	0	0	2	0	33	0	0
TTC at Livingston	93	86	7	0	0	0	0	93	0	0
TTC at Memphis	61	56	5	0	0	57	0	4	0	0
TTC at Morristown	81	72	9	0	0	1	0	80	0	0
TTC at Nashville	107	97	10	0	0	40	4	61	2	0
TTC at Paris	95	93	2	0	0	8	0	87	0	0
<b>TOTAL</b>	<b>1455</b>	<b>1326</b>	<b>129</b>	<b>2</b>	<b>7</b>	<b>219</b>	<b>7</b>	<b>1214</b>	<b>4</b>	<b>2</b>
<b>PERCENTAGE</b>		91.13%	8.87%	0.14%	0.48%	15.05%	0.48%	83.44%	0.27%	0.14%

<sup>a</sup>TE=Total Enrollment;

<sup>b</sup>F=Female;

<sup>c</sup>M=Male;

<sup>d</sup>AI/AN=American Indian/Alaskan Native;

<sup>e</sup>NonUS=Non US Resident

**Table 1c. Graduate Demographics from November 1, 2004-October 31, 2005**

Practical Nursing Program	Total Graduates	Gender		Race						
		F	M	AI/AN	Asian	Black	Hispanic	White	Other	NonUS
Appalachian Regional	99	77	22	0	2	1	0	95	1	0
Blount Memorial Hospital	36	28	8	0	0	3	0	33	0	0
Chattanooga State	74	69	5	0	0	12	0	62	0	0
Four Rivers Regional	78	76	2	1	0	13	1	63	0	0
Jackson Regional	101	95	6	0	0	31	2	68	0	0
South Central Regional	22	22	0	0	0	1	1	19	0	1
Tennessee Valley Regional	143	133	10	2	1	8	0	132	0	0
TTC at Athens	35	32	3	0	0	1	0	34	0	0
TTC at Crossville	18	17	1	0	0	0	0	18	0	0
TTC at Dickson	55	52	3	1	0	4	1	49	0	0
TTC at Elizabethton	114	105	9	0	1	2	0	111	0	0
TTC at Hartsville	26	24	2	0	1	1	0	24	0	0
TTC at Hohenwald	54	48	6	0	0	1	0	53	0	0
TTC at Knoxville	27	25	2	0	0	0	0	27	0	0
TTC at Livingston	69	66	3	1	1	1	0	66	0	0
TTC at Memphis	8	8	0	0	0	8	0	0	0	0
TTC at Morristown	56	52	4	1	0	0	0	55	0	0
TTC at Nashville	84	78	6	0	0	31	1	52	0	0
TTC at Paris	51	45	6	0	0	6	0	45	0	0
<b>TOTAL</b>	<b>1150</b>	<b>1052</b>	<b>98</b>	<b>6</b>	<b>6</b>	<b>124</b>	<b>6</b>	<b>1006</b>	<b>1</b>	<b>1</b>
<b>PERCENTAGE</b>		91.48%	8.52%	0.52%	0.52%	10.78%	0.52%	87.48%	0.09%	0.09%

**Table 1d. Number of Schools Reporting Significant Change (>10%) in Enrollment since October 31, 2004 and Expected Enrollment Changes in Coming Year**

	Significant Change in Enrollment since 10/31/04	Expected Enrollment Change in Coming Year
<b>Increase</b>	6	7
<b>Decrease</b>	3	1
<b>No significant change/ Expected to remain the same</b>	10	11

## 2. PROGRAM CHARACTERISTICS

**Table 2a. Number of Schools that Offer Evening Classes, Weekend Classes, or Advanced Placement**

<b>Practical Nursing Program</b>	<b>Evening classes</b>	<b>Weekend classes</b>	<b>Advanced placement</b>
Appalachian Regional			
Blount Memorial Hospital			
Chattanooga State			✓
Four Rivers Regional	✓	✓	✓
Jackson Regional			
South Central Regional			✓
Tennessee Valley Regional	✓	✓	
TTC at Athens			
TTC at Crossville			✓
TTC at Dickson			
TTC at Elizabethton	✓		✓
TTC at Hartsville			
TTC at Hohenwald			
TTC at Knoxville			
TTC at Livingston			
TTC at Memphis			✓
TTC at Morristown			✓
TTC at Nashville	✓	✓	✓
TTC at Paris	✓		
<b>TOTAL</b>	<b>5 of 19 Schools</b>	<b>3 of 19 Schools</b>	<b>8 of 19 Schools</b>

### 3. CURRICULUM

**Table 3a. Assessment/Proficiency Test for Graduating Students and Relationship with NCLEX Pass Rate**

<b>Practical Nursing Program</b>	<b>Test Required?</b>	<b>Name of test</b>	<b>Relationship with NCLEX pass rate?</b>
Appalachian Regional	No	N/A	N/A
Blount Memorial Hospital	Yes	Arnett Development	Yes
Chattanooga State	Yes	NLN	Yes
Four Rivers Regional	Yes	Private company review and Springhouse	Yes
Jackson Regional	Yes	PN-CAT and NLN	No
South Central Regional	Yes	NLN	Yes
Tennessee Valley Regional	No	N/A	N/A
TTC at Athens	Yes	HESI	Yes
TTC at Crossville	Yes	PN-CAT	Yes
TTC at Dickson	No	N/A	N/A
TTC at Elizabethton	Yes	PN-CAT	No
TTC at Hartsville	Yes	LPN Assessment	No
TTC at Hohenwald	Yes	ERI	Yes
TTC at Knoxville	Yes	NLN	Yes
TTC at Livingston	Yes	LPN Assessment	Yes
TTC at Memphis	Yes	PN-CAT	Yes
TTC at Morristown	No	N/A	N/A
TTC at Nashville	Yes	ERI and Contemporary Health System-Mock PN Testing	Yes
TTC at Paris	No	N/A	N/A
<b>Total</b>	<b>14 of 19 Programs</b>		<b>11 of 14 Programs Requiring Assessment</b>

#### 4. RESOURCES

**Table 4a. Number of Schools Reporting Adequate Clinical Resources Available to Meet the Present Needs of Curriculum**

	Number of schools reporting adequate resources n(%) of 19	Number of schools reporting inadequate resources n(%) of 19
Medical/Surgical Nursing	19 (100)	0 (0)
Maternal/Newborn Nursing	17 (89.5)	2 (10.5)
Nursing of Children	14 (73.7)	5 (26.3)
Mental Health Nursing	14 (73.7)	5 (26.3)
Geriatric Nursing <sup>a</sup>	18 (94.7)	0 (0)

<sup>a</sup>One school did not report this data

**Table 4b. Main Factors Perceived as Creating Limited Clinical Resources**

Main factors perceived as creating resource shortage	Number of Schools n(%) of 19
Poor scheduling and coordination	18 (94.7)
Too many LPN students	18 (94.7)
Agencies not responsive to needs of school	15 (78.9)
Too many RN students	14 (73.7)
Clinical resources not available in the community	12 (63.2)

**Table 4c. Average Faculty-Student Clinical Ratio**

Average Ratio	Ratio Range
1:10	1:8 – 1:12

## 5. EVALUATION

**Table 5a. Average Retention Rate of Graduates from  
November 1, 2004-October 31, 2005**

<b>Practical Nursing Program</b>	<b>Average Retention Rate<sup>a</sup> (%)</b>
Appalachian Regional	62.67
Blount Memorial Hospital	100.00
Chattanooga State	70.67
Four Rivers Regional	54.25
Jackson Regional	61.52
South Central Regional	84.50
Tennessee Valley Regional	70.75
TTC at Athens	86.11
TTC at Crossville	61.00
TTC at Dickson	72.67
TTC at Elizabethton	52.33
TTC at Hartsville	86.00
TTC at Hohenwald	95.00
TTC at Knoxville	50.00
TTC at Livingston	62.00
TTC at Memphis	29.95
TTC at Morristown	55.75
TTC at Nashville	48.50
TTC at Paris	67.80
<b>OVERALL AVERAGE</b>	<b>66.92</b>
<b>RANGE</b>	<b>29.95-100</b>

<sup>a</sup>Retention rate as defined by each institution

**Table 5b. Average Placement Rate for 2004-2005 Classes  
Within Six Months of Graduation**

<b>Practical Nursing Program</b>	<b>Average Placement Rate (%)</b>
Appalachian Regional	96.00
Blount Memorial Hospital	100.00
Chattanooga State	95.90
Four Rivers Regional	99.50
Jackson Regional	87.73
South Central Regional	95.67
Tennessee Valley Regional	91.67
TTC at Athens	100.00
TTC at Crossville	96.47
TTC at Dickson	96.33
TTC at Elizabethton	100.00
TTC at Hartsville	92.00
TTC at Hohenwald	100.00
TTC at Knoxville	100.00
TTC at Livingston	97.33
TTC at Memphis	88.00
TTC at Morristown	98.75
TTC at Nashville	88.75
TTC at Paris	84.10
<b>OVERALL AVERAGE</b>	<b>95.17</b>
<b>RANGE</b>	<b>84.10-100</b>

## 6. FACULTY SUMMARY

**Table 6a. Faculty Demographics and the Number of Budgeted, Unfilled Full-time Nursing Faculty Positions for Current Year (November 1, 2005-October 31, 2006)**

Practical Nursing Program	Total Faculty	Race							Number of budgeted, unfilled full-time nursing faculty positions for current year
		AI/AN	Asian	Black	Hispanic	White	Other	NonUS	
Appalachian Regional	7	0	0	0	0	7	0	0	0
Blount Memorial Hospital	5	0	0	0	0	5	0	0	0
Chattanooga State	5	0	0	0	0	5	0	0	0
Four Rivers Regional	12	0	0	2	0	10	0	0	0
Jackson Regional	10	0	0	2	0	8	0	0	1
South Central Regional	2	0	0	0	0	2	0	0	0
Tennessee Valley Regional	16	0	0	0	0	16	0	0	0
TTC at Athens	4	0	0	0	0	4	0	0	0
TTC at Crossville	6	0	0	0	0	6	0	0	0
TTC at Dickson	8	0	0	0	0	8	0	0	0
TTC at Elizabethton	12	0	0	0	0	12	0	0	0
TTC at Hartsville	3	0	0	0	0	3	0	0	0
TTC at Hohenwald	5	0	0	0	0	5	0	0	0
TTC at Knoxville	5	0	0	0	0	5	0	0	0
TTC at Livingston	5	0	0	0	0	5	0	0	0
TTC at Memphis	8	0	1	5	0	2	0	0	0
TTC at Morristown	7	0	0	0	0	7	0	0	0
TTC at Nashville	13	0	0	1	0	12	0	0	1
TTC at Paris	12	0	0	1	0	11	0	0	0
<b>TOTAL</b>	<b>145</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>0</b>	<b>133</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>PERCENTAGE</b>		0.00%	0.69%	7.59%	0.00%	91.72%	0.00%	0.00%	