



Kentucky Board of Nursing

Programs of Nursing Update

March 2007

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Calculating Pass Rates for 2007

In January the Education Committee examined the pass rate calculations for the academic year 2005-2006 and announced the rates for each school. There had been concern by many regarding the impact of the Clinical Internship on pass rates for the programs. In addition, there was concern voiced that the internship would impact the number of graduates that would be able to test by the cut-off date of September 30.

At the present time, we have calculated pass rates by: *First time testers that graduate between July 1 and June 30 and then test by September 30. After careful deliberation, the Board voted to adjust the calculation process beginning in 2007. Specifically: The percentage of first time candidates that test between January 1 and December 31 with a graduation date of not greater than one year from the time of testing.*

This method will simplify the process tremendously and place Kentucky consistent with how the national pass rate is calculated. For this next year only, those students that graduated from July 1, and were not included in last year's calculation, will fall into the 2007 calculation. The complete report presented to the Board is provided for your information. Please let me know your thoughts.

Essential Nursing Competencies and Curricula Guidelines for Genetics & Genomics

Genomics is a central science for all nursing practice because essentially all diseases and conditions have a genetic or genomic component. Health care for all persons will increasingly include genetic and genomic information along the pathways of prevention, screening, diagnostics, prognostics, selection of treatment, and monitoring of treatment effectiveness. The essential competencies were developed by an independent panel of nurse leaders from clinical, research, and academic settings (identified on the next page) whose goal was to establish the minimum basis by which to prepare the nursing workforce to deliver competent genetic- and genomic-focused nursing care. *These competencies are not intended to replace or recreate existing standards of practice, but are intended to incorporate the genetic and genomic perspective into all nursing education and practice.*

The competencies are based on the state of the evidence available at the time they were developed and reflect the **MINIMAL** amount of genetic and genomic competency expected by

every nurse. These competencies reflect a consensus and are **NOT** from any federal agency or single nursing organization; they are applicable to the practice of all registered nurses regardless of academic preparation, practice setting, role, or specialty.

You can access a copy of the guidelines via this website:

<http://www.nursingworld.org/ethics/genetics/06Genetics&GenomicsNursingCompetencies.pdf>

Who will teach the nurses we need?

Interesting article published in *Hospitals and Health Networks*. Good resource to share.

ACT Composite Score

The charts contain interesting information from ACT scores of students indicating an interest in nursing. Not much has changed has it? This gives us a picture nationally of the type of student being admitted to nursing programs.

* N = 10% sample of all students who tested on the national date & listed a valid HS code & an interest in Nursing

^a N = ALL Students who tested on the national date & listed a valid HS code & an interest in Nursing

HS Graduation Year	RNs		HS Graduation Year	PNs	
	Mean	N		Mean	N
1990	18.5	1228*	1990	16.5	*147
1991	18.6	1361*	1991	16.5	*169
1992	18.6	1675*	1992	16.5	*209
1993	18.8	1962*	1993	16.4	*235
1994	18.7	2013*	1994	16.5	*257
1995	18.6	1968*	1995	16.8	*268
1996	18.5	1799*	1996	16.8	*259
1997	18.6	17938 ^a	1997	16.8	^A 2,963
1998	18.6	16707 ^a	1998	16.8	^A 2,964
1999	18.6	16458 ^a	1999	17	^A 3,041
2000	18.6	16651 ^a	2000	17	^A 3,232
2001	18.6	16822 ^a	2001	17	^A 3,328
2002	18.5	19116 ^a	2002	16.8	^A 3,749
2003	18.5	25512 ^a	2003	16.8	^A 4,576
2004	18.8	29433 ^a	2004	17	^A 5,155
2005	18.8	30403 ^a	2005	17	^A 5,274

Kentucky Board of Nursing
Louisville, KY
Education Committee

Proposal for Calculation of NCLEX Pass Rates for Programs of Nursing

Presently Kentucky calculates program of nursing NCLEX pass rates as first-time testers:

- o Those students who test after September 30 are lost and never included in calculations

With the implementation of the Clinical Internship on January 1, 2006, was there an impact on the calculation of the pass rate of programs of nursing?

- For this calculation period, as of September 30, 2006, only three schools of nursing had all of their graduates completed NCLEX.
- Two calculations were completed, the pass rate as of 9/30/06 and the pass rate as of 12/31/06. Attached is the summary of pass rates for each program of nursing for both time periods.

	<i>n</i>	Adjustment in Pass Rate from 9/30/06 to 12/31/06		
		Increased	Decreased	No Change
Baccalaureate	12	1	0	11
Associate Degree	26	10	4	12
Practical Nursing	16	4	3	9
%	54	22 (41%)		32 (59%)

	<i>n</i>	Degree of Change								
		+1	+2	+3	+4	-1	-2	-3	-4	-5
Baccalaureate	1				1					
Associate Degree	14	9				2		2	1	
Practical Nursing	7	2	2			1				2

Recommendation:

For future calculations beginning with 2007:

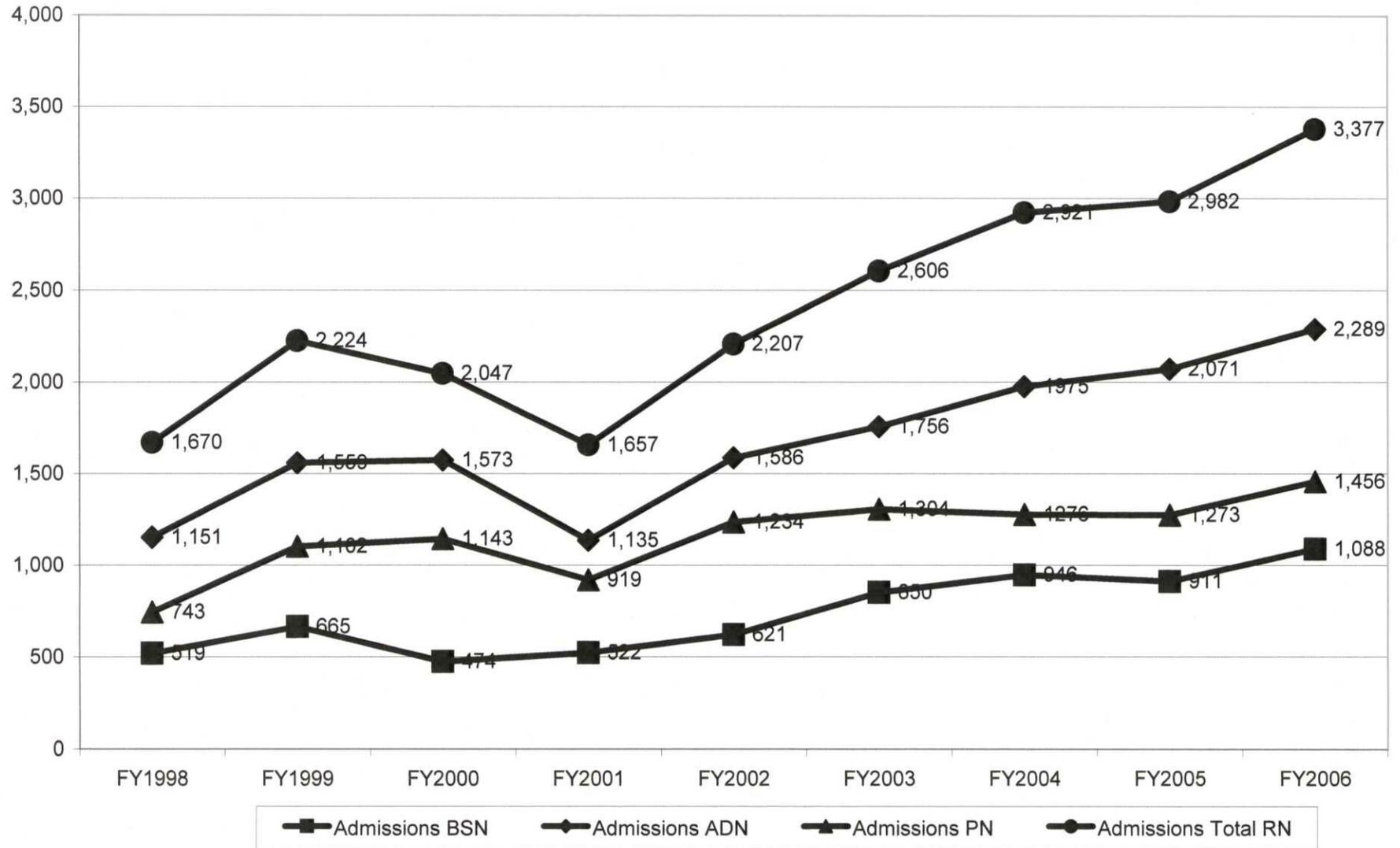
The percentage of first time candidates that test between January 1 and December 31 with a graduation date of not greater than one year from the time of testing.

Rationale:

1. This would capture approximately the same graduates as presently completed. For a traditional semester program, December graduates do not test until after the new year and the majority of May graduates would test before the end of the calendar year.
2. This would calculate pass rate on four quarters versus the present five quarters.
3. This would match KBN calculations with those published nationally by NCSBN.
4. By adding the graduation date to the testing date, it would penalize programs whose graduates wait for an extended prior of time to test.
5. This would remove conditions that impact graduation date from interfering with calculation such as completion of an assessment test, payment of fines, etc.

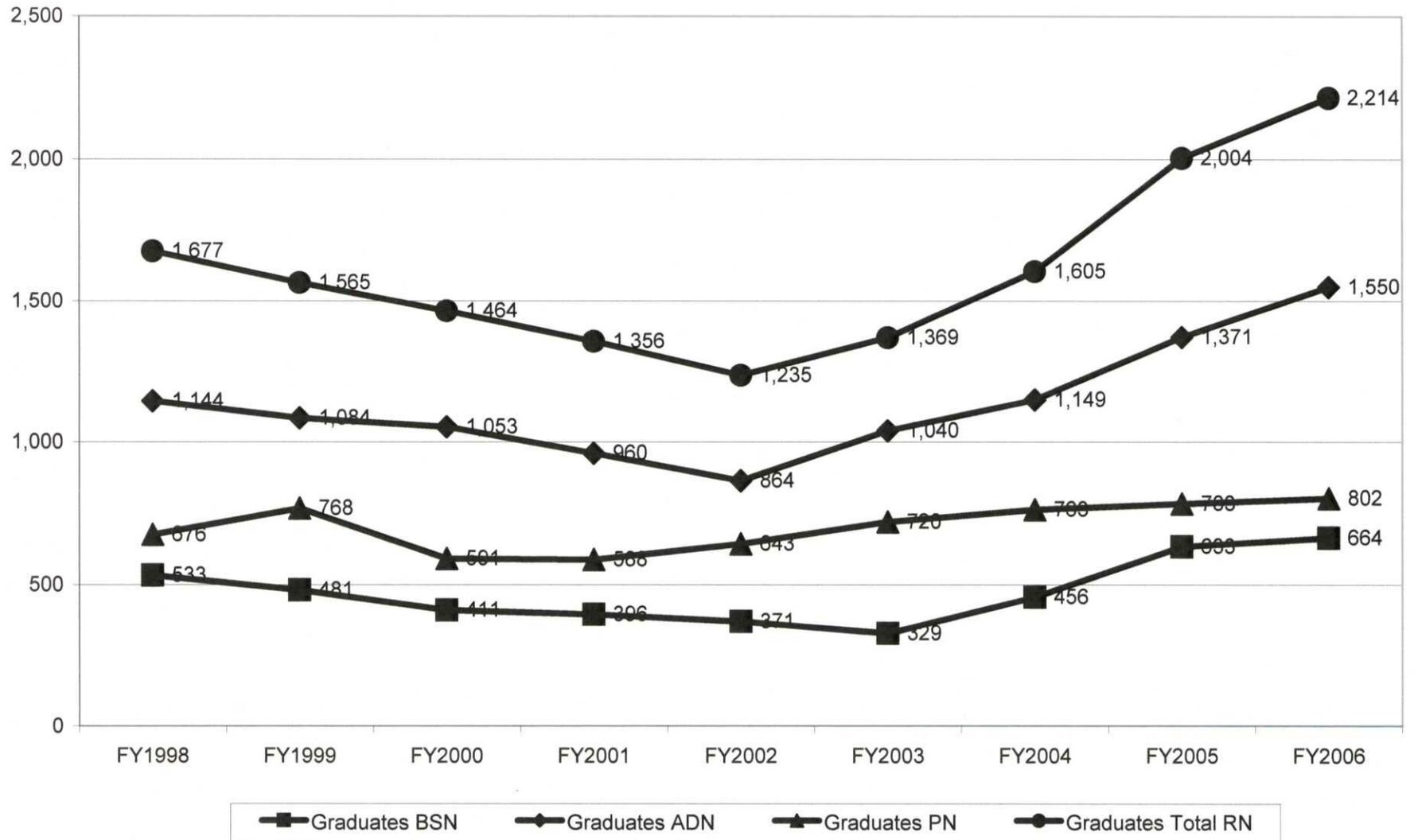
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Program of Nursing Admissions
 1998 - 2006



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Program of Nursing Graduates
 1998 - 2006



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2005-2006
NCLEX Pass Rate and Approval Status

Baccalaureate Degree Nursing

	2001		2002		2003		2004		2005		2006		Approval Status
	Pass Rate	# Tested											
Bellarmine University	88%	43	100%	38	100%	47	100%	61	97%	90	97%	96	Full
Berea College	86%	14	94%	17	71%	7	93%	14	91%	11	91%	11	Full
Eastern Kentucky University	86%	71	96%	49	95%	38	100%	72	92%	107	92%	103	Full
Kentucky Christian University									75%	4	91%	11	Full
Morehead State University	86%	22	85%	27	87%	15	64%	14	95%	20	64%	33	Full
Murray State University	100%	33	92%	37	81%	27	100%	39	88%	41	87%	54	Full
Northern Kentucky University							75%	16	90%	30	82%	11	Full
Spalding University	73%	37	93%	28	74%	23	97%	33	91%	74	95%	64	Full
Thomas More College	86%	14	86%	7	86%	7	88%	8	50%	8	92%	13	Full
University of Kentucky	96%	57	97%	65	95%	61	94%	62	98%	64	99%	68	Full
University of Louisville	85%	55	96%	70	88%	64	92%	87	89%	116	86%	138	Full
Western Kentucky University	89%	36	100%	24	78%	36	93%	44	90%	60	86%	58	Full

	2001	2002	2003	2004	2005	2006
Graduates	396	371	329	454	633	664
Testing	382	362	325	450	625	660
Passing	336	344	288	424	571	594
Kentucky Pass Rate Average	88%	95%	89%	94%	91%	90%
National Pass Rate Average	84%	86%	86%	85%	85%	86%

Pass rates are calculated considering individuals who: 1) graduated July 1, 2005 - June 30, 2006; 2) tested July 1, 2005 - December 31, 2006; and 3) are first-time takers of NCLEX.

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2005-2006 NCLEX Pass Rate and Approval Status	2001		2002		2003		2004		2005		2006		Approval Status
	Pass Rate	# Tested											
Associate Degree Nursing													
Ashland Cmty. & Technical College	89%	45	87%	39	88%	56	92%	49	94%	54	80%	64	Full
Big Sandy Cmty. & Technical College	95%	22	56%	9	87%	15	94%	16	90%	21	100%	26	Full
Bluegrass Cmty. & Technical College - Cooper	93%	54	98%	47	95%	59	91%	65	97%	78	94%	85	Full
Eastern Kentucky University	87%	94	98%	89	94%	85	91%	117	93%	107	93%	126	Full
Elizabethtown Cmty. & Technical College	90%	51	100%	35	98%	43	95%	44	94%	51	90%	42	Full
Galen College of Nursing											89%	38	Full
Gateway Cmty. & Technical College											68%	37	Initial
Hazard Cmty. & Technical College													Full
Hazard C&TC - Hazard	91%	44	87%	30	100%	41	81%	31	93%	40	75%	44	
Hazard C&TC - Lees	90%	20	61%	18	100%	14	84%	19	79%	19	77%	13	
Henderson Community College	97%	34	91%	33	97%	38	100%	55	88%	65	93%	61	Full
Hopkinsville Community College	97%	37	100%	34	93%	46	98%	44	93%	42	94%	62	Full
Jefferson Cmty. & Technical College	92%	100	96%	68	100%	83	96%	85	97%	122	89%	164	Full
Kentucky State University	84%	19	81%	32	88%	25	100%	29	94%	36	69%	36	Full
Lincoln Memorial University - Corbin Campus	91%	11	93%	14	73%	22	94%	18	83%	23	100%	19	Full
Madisonville Community College	96%	49	94%	35	100%	38	91%	55	91%	74	96%	95	Full
Maysville Cmty. & Technical College	94%	17	100%	14	91%	23	93%	15	92%	24	90%	20	Full
Midway College													Full
Midway College - Midway	100%	26	93%	28	82%	11	74%	19	86%	29	92%	26	
Midway College - Danville	91%	23	95%	19	90%	20	85%	26	94%	18	100%	13	
Morehead State University	100%	21	93%	14	86%	35	85%	20	92%	25	96%	24	Full
Northern Kentucky University	91%	58	94%	78	88%	80	89%	27	93%	76	94%	71	Full
Owensboro Cmty. & Technical College	100%	12	95%	19	100%	10	100%	16	75%	52	91%	33	Full
Pikeville College	95%	19	100%	16	100%	22	91%	23	100%	22	96%	23	Full
Somerset Community College	92%	25	97%	32	100%	32	100%	32	100%	37	96%	28	Full
Southeast Kentucky Cmty. & Technical College	93%	29	93%	30	94%	35	86%	36	95%	38	83%	46	Full
Spencerian College					80%	64	77%	122	76%	100	82%	100	Conditional
St. Catharine College	85%	20	0%	0	100%	10	100%	15	100%	10	93%	15	Full
West Kentucky Cmty. & Technical College	88%	41	93%	46	93%	46	93%	60	93%	72	83%	94	Full
Western Kentucky University	89%	75	86%	71	89%	76	86%	95	76%	122	84%	112	Full

	2001	2002	2003	2004	2005	2006
Graduates	960	864	1040	1149	1371	1550
Testing	941	850	1029	1132	1357	1518
Passing	868	785	951	1021	1218	1340
Kentucky Pass Rate Average	92%	92%	92%	90%	90%	88%
National Pass Rate Average	83%	85%	86%	85%	85%	85%

Pass rates are calculated considering individuals who: 1) graduated July 1, 2005 - June 30, 2006; 2) tested July 1, 2005 - December 31, 2006; and 3) are first-time takers of NCLEX.

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	Pass Rate	# Tested											
Practical Nursing Program													
Ashland Cmty. & Technical College	67%	24	90%	20	87%	15	93%	41	94%	34	79%	39	Full
Big Sandy Cmty. & Technical College													Full
Big Sandy C&TC - Mayo/Paintsville	100%	8	85%	13			83%	23	94%	16			
Big Sandy C&TC - Prestonsburg											87%	23	
Big Sandy C&TC - Pikeville			79%	19	90%	10	80%	5	93%	15	70%	10	
Bluegrass Cmty. & Technical College-Danville	92%	36	86%	22	90%	38	85%	47	91%	45	84%	43	Full
Bluegrass Cmty. & Technical College - Leestow	78%	32	100%	40	97%	32	95%	39	94%	49	93%	43	Full
Bowling Green Technical College - Glasgow	100%	21	96%	52	95%	21	84%	31	90%	42	100%	36	Full
Elizabethtown Cmty. & Technical College	90%	10	94%	18	100%	12	100%	10	100%	11	89%	27	Full
Galen College of Nursing	82%	57	96%	83	92%	78	98%	87	96%	106	94%	126	Full
Gateway Cmty. & Technical College	91%	33	89%	28	81%	47	81%	53	88%	51	90%	21	Full
Hazard Cmty. & Technical College													Full
Hazard C&TC - Hazard	96%	28	94%	35	87%	15	86%	36	94%	35	71%	35	
Hazard C&TC - Whitesburg	100%	12			92%	12	93%	15			92%	13	
Hopkinsville Community College			100%	5	100%	16	100%	1	95%	21	100%	16	Full
Jefferson Cmty. & Technical College													Full
Jefferson C&TC - Technical/Louisville	90%	20	96%	24	92%	12	100%	26	100%	22	93%	41	
Jefferson C&TC - Shelbyville	100%	5	100%	5	100%	2	100%	3	100%	10	90%	21	
Jefferson C&TC - Carrollton	88%	8	0%	1	80%	5					100%	11	
Laurel Technical College			92%	12	89%	18			92%	12	73%	15	Full
Madisonville Community College	91%	32	88%	17	97%	36	84%	43	95%	42	91%	54	Full
Maysville Cmty. & Technical College			71%	17	94%	16	83%	18	100%	19			Full
Maysville Cmty. & Technical College - Rowan	94%	34	100%	15			93%	14	100%	14			Full
Owensboro Cmty. & Technical College	93%	15	92%	12			100%	27	100%	15			Full
Somerset Community College	95%	41	86%	22	98%	45	100%	20	95%	20			Full
Southeast Kentucky Cmty. & Technical College	81%	32	75%	24	92%	65	97%	31	94%	47	85%	20	Full
Spencerian College	85%	86	80%	105	72%	151	82%	136	96%	91	100%	102	Full
West Kentucky Cmty. & Technical College													Full
West KY C&TC - Paducah	86%	7	100%	10	100%	2	100%	14	100%	17	100%	1	
West KY C&TC - Murray	90%	10	100%	3	100%	11	100%	2	95%	20	94%	18	

	2001	2002	2003	2004	2005	2006
Graduates	588	643	720	763	783	800
Testing	549	601	659	722	753	715
Passing	489	540	578	646	713	649
Kentucky Pass Rate Average	89%	90%	88%	89%	95%	91%
National Pass Rate Average	86%	86%	88%	89%	90%	88%

Pass rates are calculated considering individuals who: 1) graduated July 1, 2005 - June 30, 2006; 2) tested July 1, 2005 - December 31, 2006; and 3) are first-time takers of NCLEX.