



SUMMARY OF ANNUAL REPORTS PRE-LICENSURE NURSING EDUCATION PROGRAMS For the Period of July 1, 2008 through June 30, 2009

The mission of the Ohio Board of Nursing is to actively safeguard the health of the public through the effective regulation of nursing care.

Submission of Annual Reports

Rule 4723-5-05(A) of the Ohio Administrative Code (OAC) requires each pre-licensure nursing education program with Full or Provisional approval during a reporting period to submit an Annual Report to the Ohio Board of Nursing (Board).

As of June 30, 2009 a total of 145 programs, 66 Practical Nursing (PN) and 79 Registered Nursing (RN) programs, were approved by the Board and held Conditional, Full, or Provisional approval status. A total of 127 programs held Full or Provisional approval (59 PN and 68 RN programs) and all of these programs submitted their Annual Reports to the Board by the deadline of July 31, 2009.

The Annual Report is designed to collect information about program enrollment, graduation, capacity, clinical hours, faculty and expansion. The Annual Report also requires the program administrator to attest that the program continues to meet and maintain the rules set forth in Chapter 4723-5, OAC.

Data Requested

Beginning with the 2002-2003 reporting period, data has been collected related to the nursing shortage in Ohio, including program capacity, intent to expand, and actual expansion. Data to assist in projecting the need for future faculty is also collected.

The number of available nursing education program “seats” was requested again this year. RN programs were also asked to break down available seats according to traditional students, students with advanced standing, and seats for students with a bachelor’s degree in another field.

RN programs may grant advanced standing. For purposes of this summary, these include programs that grant academic credit upon admission for a student’s prior clinical experience and coursework, in accordance with the policy required by paragraph (A)(3) of Rule 4723-5-12, OAC. When granting advanced standing, the program must uphold the same curriculum standards that are required for students who are not provided advanced standing. (The requirements for advanced standing are in Rule 4723-5-13(E), OAC.) RN programs may grant advanced standing to individuals based on prior clinical experience and coursework, for example, to students who have a bachelor’s degree in another field, licensed practical nurses, or paramedics.

Programs reported the number of clock hours spent by students in supervised clinical practice. Rule 4723-5-13, OAC, for RN programs, and Rule 4723-5-14, OAC, for PN programs, require that

programs include clinical and laboratory experiences which meet established objectives or outcomes, provide a nursing student with the opportunity to practice cognitive, psychomotor and affective skills in the performance of a variety of nursing functions with individuals or groups across the life span, and be provided concurrently with related theory instruction. The clock hours of supervised clinical experience as reported by the RN and PN programs are provided in this report by both program and licensure types.

Significant Findings

Below is a list of selected significant findings reported by RN and PN programs. The list is followed by more detailed Annual Report information.

RN Programs

- RN programs are filling fewer seats than in previous years. This year, the combined reporting RN programs were filled to 90.73% capacity, compared to 93.7% in academic year 2007-2008 and 96.8% capacity in academic year 2006-2007. Diploma programs were filled to 95.65% of their capacity; associate degree programs were filled to 92.75% of capacity; and baccalaureate (and higher) programs were filled to 87.12% of capacity.
- Programs at all levels (ADN, diploma and BSN and higher) reported denying admission to qualified students due to lack of available seats in the program. Of the 6,523 denials due to space constraints, the associate degree programs reported denying admission to 5,434 qualified applicants.
- Twenty of the 69 RN programs expanded their programs adding an additional 481 seats, in addition to the 683 seats that were added in academic year 2007-2008.
- RN programs projected 237 faculty members will retire in the next 5 years.
- The range of RN program clinical clock hours was 116 to 1,604 hours, representing a difference of 1,488 hours.
- The total number of RN graduates was 7,192, an increase of 448 for this reporting period. For the previous reporting period, RN graduates increased by 621. The percentage of increase between the two reporting periods declined from 9.2% (2007) to 6.2% (2008).

PN Programs

- PN programs are filling fewer seats than in previous years. This year PN programs were filled to 92.72% capacity, compared to 94.8% capacity in 2007-2008, and 96.7% capacity in 2006-2007.
- Six of the PN programs expanded, adding a total of 154 seats.
- PN programs projected 78 faculty members will retire in the next 5 years.
- The range of the PN program clinical clock hours was 182 to 614, a difference of 432 clock hours.
- PN programs reported an enrollment increase of 345 students over the last reporting period.
- The total number of PN graduates was 4,741, an increase of 507 for this reporting period. For the previous reporting period, PN graduates increased by 749. The percentage of increase between the two reporting periods declined from 17.7% (2007) to 10.7% (2008).

RN and PN Programs, Enrollment, and Graduation

Nursing Education Programs by Type	Nursing Education Program Enrollment Statistics	Program Graduates
Direct Entry Masters/Doctorate 2004 ... 1 2005 ... 2 2006 ... 3 2007 ... 3 2008 ... 3	Direct Entry Masters/Doctorate 2004 ... 96 2005 ... 165 2006 ... 198 2007 ... 132 2008 ... 163	Direct Entry Masters/Doctorate 2004 ... 34 2005 ... 68 2006 ... 95 2007 ... 88 2008 ... 82
Baccalaureate 2004 ... 23 2005 ... 23 2006 ... 23 2007 ... 24 2008 ... 24	Baccalaureate 2004 ... 6,500 2005 ... 7,079 2006 ... 7,954 2007 ... 8,377 2008 ... 9,570	Baccalaureate 2004 ... 1,688 2005 ... 1,768 2006 ... 2,239 2007 ... 2,376 2008 ... 2,543
Diploma 2004 ... 6 2005 ... 6 2006 ... 5 2007 ... 4 2008 ... 4	Diploma 2004 ... 1,035 2005 ... 1,218 2006 ... 852 2007 ... 728 2008 ... 769	Diploma 2004 ... 320 2005 ... 448 2006 ... 327 2007 ... 217 2008 ... 264
Associate Degree 2004 ... 29 2005 ... 29 2006 ... 31 2007 ... 36 2008 ... 37	Associate Degree 2004 ... 6,184 2005 ... 7,333 2006 ... 8,457 2007 ... 9,811 2008 ... 10,083	Associate Degree 2004 ... 2,216 2005 ... 2,656 2006 ... 3,462 2007 ... 4,063 2008 ... 4,303
Practical – High School 2004 ... 4 2005 ... 4 2006 ... 4 2007 ... 4 2008 ... 5	Practical – High School 2004 ... 339 2005 ... 145 2006 ... 129 2007 ... 115 2008 ... 134	Practical – High School 2004 ... 147 2005 ... 71 2006 ... 56 2007 ... 55 2008 ... 51
Practical – Adult 2004 ... 47 2005 ... 49 2006 ... 50 2007 ... 55 2008 ... 55	Practical – Adult 2004 ... 3,815 2005 ... 5,039 2006 ... 5,629 2007 ... 6,899 2008 ... 7,752	Practical – Adult 2004 ... 2,406 2005 ... 3,237 2006 ... 3,429 2007 ... 4,179 2008 ... 4,690

Registered Nursing (RN) Programs

Program Capacity and Expansion

Programs were asked to report program capacity by the number of seats available in each of their applicable tracks. This included seats available for traditional students and students with advanced standing, for example, students with a bachelor's degree in another field, licensed practical nurses, and paramedics.

Programs were asked whether they could expand with available resources, including space, faculty, and financial. They were also asked about their intent to expand and, if they intended to expand, to provide the number of seats that would be added. If they indicated that expansion had already occurred, the number of seats by which they expanded was requested.

Seat Availability and Admission Denials. There were a total of 13,887 available seats in RN programs. This is an increase of 1,525 from the 12,362 seats that were available in the last reporting period. Of the 13,887 available seats, 12,600 were filled. This is an increase of 1,017 from the 11,583 seats reported as filled in the last reporting period, representing that RN programs were at 90.73% capacity, compared to 93.7% capacity in 2007-2008 and 96.8% capacity in 2006-2007. The combined RN programs reported 6,523 academically qualified students were denied admission to the nursing major because of a lack of program space, or seats, compared to 6,649 in 2007-2008. Associate degree programs reported 5,434 admission denials to academically qualified students because of lack of seats. RN programs denied 5,037 individuals admission due to not meeting academic admission criteria. This is a decrease of 177 from 5,214 in 2007-2008.

Program Capacity By Track

Students	Number of available seats	Number of seats filled	Number of applicants denied due to lack of seats	Number of seats denied due to academic reasons
Traditional	10,711	10,156 (94.82%)	6,107	4,035
Students with a Bachelors degree in another field	1,071	849 (79.27%)	178	424
LPNs	1,966	1,575 (80.11%)	238	577
Paramedics	139	20 (14.39%)	0	1
TOTALS	13,887	12,600 (90.73%)	6,523	5,037

The following represents a breakdown of available seats and seats filled by type of RN program. Diploma programs were filled to 95.65% capacity; associate degree programs were filled to 92.75% capacity; and baccalaureate (and higher) programs were filled to 88.35% capacity.

Program Capacity By Program Type

Program Type	Number of seats available	Number of seats filled
Diploma programs	460	440 (95.65%)
Associate Degree programs	8,216	7,620 (92.75%)
BSN programs	4,731	4,180 (88.35%)
Direct Entry Graduate programs	480	360 (75%)
TOTALS	13, 887	12,600 (90.73%)

The following programs reported the highest numbers of academically qualified applicants (traditional students) denied because there were not enough seats to accommodate them.

Associate Degree Programs: (300 or more denied)

Program name	Program location	Number of qualified applicants denied admission
Sinclair Community College	Dayton	450
Owens Community College	Toledo	740
Lorain County Community College	Elyria	600
Cincinnati State Technical College	Cincinnati	319
Kettering College of Medical Arts	Kettering	326
James A. Rhodes State College	Lima	316
North Central State College	Mansfield	350

Baccalaureate Degree Programs: (200 or more denied)

Program name	Program location	Number of qualified applicants (traditional students) denied admission
The Ohio State University	Columbus	255

Diploma Program: (100 or more denied)

Program name	Program location	Number of qualified applicants (traditional students) denied admission
Springfield Regional SON	Springfield	172

Program Expansion

Twenty RN programs reported program expansions. Four of the 20 programs that expanded did so to another location. These expansions resulted in 481 additional seats. The increase in seats by program type is as follows:

- Associate Degree 283
- Diploma 0
- BSN 193
- Master's & Certificate 5

Thirty-two programs indicated the intent to explore expansion in the next reporting period, with a projected increase of 925 seats.

Faculty Shortage Projections

Programs were asked to indicate the number of faculty that vacated their positions, and to project the number of faculty that might leave in the next 5 years due to retirement or other factors. In addition, programs were asked to indicate the number of faculty who vacated their positions because of issues related to compensation, that is, salaries that may not be commensurate with their credentials and experience and they returned to a clinical practice or administrative position. Programs reported the following for faculty members:

- 28 retired during the reporting period.
- 237 are anticipated to retire in the next 5 years.
- 32 left their positions due to salary or other compensation issues to accept positions in clinical or administrative settings. (This is an increase of 8 in comparison to the 24 reported as leaving for the same reasons in the previous reporting period.)

Distance Learning

Thirty-two programs reported using distance learning and 36 programs reported distance learning was not used. Of the 32 programs that reported using distance learning, 11 were baccalaureate and higher academic degree programs, 19 were associate degree programs, and 2 were diploma programs. This is an increase from the 28 programs reporting the use of distance learning in the last reporting period.

Clinical Hours

The administrative rules do not require programs to offer a specific number of clinical hours. However, Rule 4723-5-13(F)(8), OAC, specifies the expected parameters and outcomes for clinical experiences. It requires that the curriculum includes clinical and laboratory experiences that:

- (a) Meet the established course objectives or outcomes;
- (b) Provide a nursing student with the opportunity to practice cognitive, psychomotor, and affective skills in the performance of a variety of nursing functions with individuals or groups across the life span;
- (c) Provide a nursing student with the opportunity to practice technical skills including skills pertaining to intravenous therapy; and
- (d) Are provided concurrently with the related theory instruction.

Programs reported the number of clinical clock hours in their respective curricula.

- Diploma programs: The average number of clinical clock hours was 827. Clinical clock hours ranged from 576 hours (Huron School of Nursing) to 1,076 hours (Trinity Health System School of Nursing) with a median of 831.5 clock hours.
- Associate degree programs: The average number of clinical clock hours was 585. Clinical clock hours ranged from 116 hours (Sinclair Community College) to 908 hours (North Central State College) with a median of 600 clock hours.
- Baccalaureate and higher degree programs: The average number of clinical clock hours was 860. Clinical clock hours range from 590 hours (The University of Toledo College of Nursing, Bowling Green State University BSN and The University of Toledo College of Nursing, BSN) to 1,604 hours (Case Western Reserve University, Frances Payne Bolton School of Nursing) with a median of 822 clock hours.

RN Program Faculty Vacancies, Distance Learning, and Clinical Hours

Program Type	Faculty Vacancies			Distance Learning		Clinical Hours (Low/High/Average/Median)
	Retirement Last Year	Retirement in Next 5 Years	Re: Salary	Yes	No	
Diploma	1	10	3	2	2	576/1,076/827/831.5
Associate Degree	12	86	17	19	18	116/908/585/600
Baccalaureate & Higher	15	141	12	11	16	590/1,604/860/812

Preceptors

The following is a summary of reported program experiences in finding preceptors. Of the 68 programs reporting, 63 reported the use of preceptors, and responded to the question “to what level has the two years of experience for preceptors affected your ability to find preceptors for your program.”

Program	No Problem	Moderate	Neutral	Very Difficult	Unable to find
Diploma	1	1	1	1	0
Associate	8	15	5	6	0
BSN/Higher	0	13	6	6	0
Summary	9 (16.67%)	29 (46.03%)	12 (19.05%)	13 (20.63%)	0

Capstone Examination

Programs were asked to report if they use a capstone examination and if so, whether a passing score on the exam is a graduation requirement. Sixty-five programs reported using a capstone exam, and 24 of the 65 programs require a passing score for graduation.

Practical Nursing (PN) Programs

Program Capacity And Expansion

PN programs were required to report information similar to that reported by RN programs concerning capacity and expansion.

Seat Availability and Admission Denials. PN programs reported 8,382 available seats, an increase of 548 from 7,834 in the previous reporting period. PN programs reported 7,772 of the available seats were filled, representing that PN programs were at 92.72% capacity.

PN programs reported the denial of admission to 2,414 individuals who did not meet academic admission criteria. This is a decrease from the 2,469 academic denials in the previous reporting period. An additional 1,075 academically qualified individuals were denied admission due to space constraints; this is a decrease of 355 from the 1,430 denied in the previous reporting period due to lack of seats.

One program, Lorain Community College Practical Nursing Program, Elyria, reported 200 or more denials to academically qualified applicants due to lack of seats.

Program Expansion

Six PN programs reported program expansions, a decrease from the 11 programs that reported expansions in the previous reporting period. The six programs expanded by a total of 154 seats. An additional 16 PN programs reported the intention to expand by a total of 455 additional seats.

Faculty Shortage Projections

Programs were asked to report the number of faculty members who vacated their positions, and to project the number of faculty members that may leave within the next five years due to retirement or other factors. In addition, programs were asked to report the number of faculty members that have vacated their positions because of compensation, e.g., salaries that might not be commensurate with their credentials and experience.

- Faculty retirement, actual and projected: Programs reported the retirement of 12 faculty members, and projected that 78 will retire in the next 5 years.
- Faculty positions vacated due to compensation: Programs reported a total of 41 faculty members left their positions due to salary or other compensation issues, to accept positions in clinical or administrative settings.

Distance Learning

Eleven of the 59 reporting PN programs included some distance learning in their programs. This is a decrease from 14 programs utilizing some distance learning in the previous reporting period.

Clinical Hours

All 59 programs reported on the number of clock hours spent by its students in clinical experiences. Clinical clock hours ranged from 182 hours (Willoughby Eastlake School of Practical Nursing-Adult and High School Divisions) to 614 hours (Tri-Rivers Center for Adult Education in Nursing). The average number of clinical clock hours was 432, a decrease from the average of 434 reported in the previous reporting period.

PN Program Faculty Vacancies, Distance Learning, and Clinical Hours

Program Type	Faculty Vacancies			Distance Learning		Clinical Hours (Low/High/Average/Median)
	Retirement Last Year	Retirement in Next 5 Years	Re: Salary	Yes	No	
PN	12	78	41	11	48	182/614/432/430

Preceptors

Programs answered the question regarding the use of preceptors. Of the 59 programs reporting, 42 reported the use of preceptors.

In addition, the 42 programs that reported the use of preceptors responded to the question “to what level has the two years of experience for preceptors affected your ability to find preceptors.” The following is a summary of program experiences in finding preceptors:

Program	No Problem	Moderate	Neutral	Very difficult	Unable to find
PN	16	19	5	3	0
Summary	37.21%	44.19%	11.63%	0.69%	N/A

Capstone Examination

Programs were asked to report if they use a capstone examination and if so, whether a passing score on the exam is a graduation requirement. Forty-nine programs reported using a capstone exam, and 16 of those 49 programs require a passing score for graduation.