Ohio Board of Nursing

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17 South High Street, Suite 400 • Columbus, Ohio 43215-7410 • (614) 466-3947

MEMORANDUM

TO: Board Members

FROM: Cathy Learn, Education Regulatory Surveyor
        Jody Hostetler, Education Regulatory Surveyor
        Kristie Oles, Education Regulatory Surveyor
        Lisa Emrich, Program Manager

DATE: November 5, 2010

RE: Nursing Education Program-Summary of Annual Reports

Attached, please find a summary of the Annual Reports submitted by pre-licensure nursing education programs with either Full or Provisional approval status. The submission of the Annual Report is required by Rule 4723-5-5 (A), OAC. The data reported in the summary reflects the reporting period of July 1, 2009 through June 30, 2010.

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SUMMARY OF ANNUAL REPORTS
PRE-LICENSURE NURSING EDUCATION PROGRAMS
For the Period of July 1, 2009 through June 30, 2010

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, 2010, a total of 160 programs, 73 Practical Nursing (PN) and 87 Registered Nursing (RN) programs, were approved by the Board and held Conditional, Full or Provisional approval status. Of the 160 programs, 131 programs held Full or Provisional approval (60 PN and 71 RN programs). Of the 131 programs, 130 submitted an Annual Reports to the Board by the deadline of July 31, 2010. One Practical Nursing Program submitted its curriculum plan as required, but did not submit a response to the questionnaire.

The Annual Report questionnaire elicits information about program enrollment, graduation, capacity, clinical hours, faculty and expansion. The Annual Report also documents the program administrator's attestation that the program continues to meet and maintain the rules set forth in Chapter 4723-5, OAC.

Data Requested

Since the 2002-2003 reporting period, data has been collected related to the nursing shortage in Ohio, including program enrollment capacity, intent to expand its enrollment capacity, 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 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/or 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.

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Significant Findings

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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 programs were filled to 85.38% capacity, compared to 90.73% in academic year 2007-2008 and 93.3% capacity in academic year 2006-2007. Diploma programs were filled to 82.62% of their capacity; associate degree programs were filled to 78.45% of capacity; and baccalaureate (and higher) programs were filled to 98.64% 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 5,197 denials due to space constraints, the associate degree programs reported denying admission to 3,909 qualified applicants.
- Twenty-four of the 71 RN programs expanded their programs adding an additional 589 seats, in addition to the 481 seats that were added in academic year 2008-2009.
- RN programs projected 226 faculty members will retire in the next 5 years.
- The range of RN programs clinical clock hours was 333 to 1,604 hours, representing a difference of 1,271 hours.
- The total number of RN graduates was 7,676, an increase of 484 from the last reporting period.

PN Programs
- PN programs are filling more seats than in previous years. This year PN programs were filled to 92.92% capacity, compared to 92.72% capacity in 2008-2009, and 94.72% capacity in 2007-2008.
- Eleven of the PN programs expanded, collectively adding 708 seats.
- PN programs projected 61 faculty members will retire in the next 5 years.
- The range of the PN programs clinical clock hours was 182 to 609, a difference of 427 clock hours.
- PN programs reported an enrollment decrease of 41 students as compared to the last reporting period.
- The total number of PN graduates was 5,641, an increase of 900 from the last reporting period. For the previous reporting period, PN graduates increased by 345.

RN and PN Programs, Enrollment, and Graduation*

Nursing Education Programs by Type	Nursing Education Program Enrollment Statistics	Program Graduates
Direct Entry Masters/Doctorate 2005 . . . 2 2006 . . . 3 2007 . . . 3 2008 . . . 3 2009 . . . 3	Direct Entry Masters/Doctorate 2005 . . . 165 2006 . . . 198 2007 . . . 132 2008 . . . 163 2009 . . . 171	Direct Entry Masters/Doctorate 2005 . . . 68 2006 . . . 95 2007 . . . 88 2008 . . . 82 2009 . . . 72
Baccalaureate 2005 . . . 23 2006 . . . 23 2007 . . . 24 2008 . . . 24 2009 . . . 25	Baccalaureate 2005 . . . 7,079 2006 . . . 7,954 2007 . . . 8,377 2008 . . . 9,570 2009 . . . 7,891	Baccalaureate 2005 . . . 1,768 2006 . . . 2,239 2007 . . . 2,376 2008 . . . 2,543 2009 . . . 2,568
Diploma 2005 . . . 6 2006 . . . 5 2007 . . . 4 2008 . . . 4 2009 . . . 4	Diploma 2005 . . . 1,218 2006 . . . 852 2007 . . . 728 2008 . . . 769 2009 . . . 799	Diploma 2005 . . . 448 2006 . . . 327 2007 . . . 217 2008 . . . 264 2009 . . . 255
Associate Degree 2005 . . . 29 2006 . . . 31 2007 . . . 36 2008 . . . 37 2009 . . . 39	Associate Degree 2005 . . . 7,333 2006 . . . 8,457 2007 . . . 9,811 2008 . . . 10,083 2009 . . . 11,461	Associate Degree 2005 . . . 2,656 2006 . . . 3,462 2007 . . . 4,063 2008 . . . 4,303 2009 . . . 4,781

Practical – High School	Practical – High School	Practical – High School
2005 . . . 4	2005 . . . 145	2005 . . . 71
2006 . . . 4	2006 . . . 129	2006 . . . 56
2007 . . . 4	2007 . . . 115	2007 . . . 55
2008 . . . 5	2008 . . . 134	2008 . . . 51
2009 . . . 5	2009 . . . 133	2009 . . . 62
Practical – Adult	Practical – Adult	Practical – Adult
2005 . . . 49	2005 . . . 5,039	2005 . . . 3,237
2006 . . . 50	2006 . . . 5,629	2006 . . . 3,429
2007 . . . 55	2007 . . . 6,899	2007 . . . 4,179
2008 . . . 55	2008 . . . 7,752	2008 . . . 4,690
2009 . . . 54	2009 . . . 7,712	2009 . . . 5,579

*Please note that in accordance with Rule 4723-5-05, OAC, programs with a conditional approval status during a reporting period are not required to submit an annual report to the Board.

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 space, faculty, and financial resources. 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 15,261 available seats in RN programs. This is an increase of 1,374 from 13,887 seats that were available in the last reporting period. Of the 15,261 available seats, 13,030 were filled. This is an increase of 430 from the 12,600 seats reported to in 2008-2009. The combined RN programs reported 5,197 academically qualified students were denied admission to the nursing major because of lack of program space, or seats, compared to 6,523 denials in 2008-2009. RN programs denied admission to 6,557 individuals admission due to not meeting academic admission criteria. This is an increase of 1,520 from the academic denials in 5,037 in 2008-2009.

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	10,356	10,127 (97.78%)	4,525	5,670
Students with a Bachelor's degree in another field	1,306	828 (63.40%)	230	487
LPNs	3,142	2,009 (63.94%)	419	392
Paramedics	457	66 (14.44%)	23	8
Totals	**15,261**	**13,030 (85.38%)**	**5,197**	**6,557**

The following table represents a breakdown of available seats and seats filled by type of RN program.

Program Type	Number of seats available	Number of seats filled
Diploma	558	461 (82.62%)
Associate Degree	10,188	7,992 (78.45%)
Baccalaureate	4,373	4,466 (102.1%)
Direct Entry Graduate	142	111 (78.17%)
Totals	**15,261**	**13,030 (85.38%)**

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
Bryant & Stratton College	Eastlake	405
Ohio University	Athens	951
Owens Community College	Toledo	414
University of Cincinnati, Raymond Walters College	Cincinnati	765

Baccalaureate Degree Programs: (200 or more denied)

Program name	Program location	Number of qualified applicants (traditional students) denied admission
Kent State University	Kent	349
Mount Carmel College of Nursing	Columbus	350

Diploma Programs: (100 or more denied)

Program name	Program location	Number of qualified applicants (traditional students) denied admission
N/A	0	0

Program Expansion
Twenty-four RN programs reported program capacity expansions. Six of the 24 programs that expanded did so by opening a new location. These resulted in 589 additional seats. The increase in seats by program type is as follows:

- Associated Degree   329
- Diploma   0
- BSN   260
- Direct Entry Graduate   0

Twenty-eight programs reported the intent to explore expansion in the next reporting period, with a projected increase of 530 seats.

Faculty Shortage Projections
Programs were asked for the number of faculty that vacated their positions, and to project the number of faculty that might leave their positions within the next 5 years due to retirement or other factors. In addition, programs were asked for 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:

- 43 retired during the reporting period.
- 226 are anticipated to retire in the next 5 years.
- 22 left their positions due to salary or other compensation issues to accept positions in clinical or administrative settings. This is a decrease of 10 in comparison to the 32 reported as leaving for the same reasons in the previous reporting period.

Distance Learning
Thirty-seven programs reported using distance learning and 34 programs reported distance learning was not used. Of the 37 programs that reported using distance learning, 13 were baccalaureate and higher academic degree programs, 22 were associate degree programs, and 2 were diploma programs. This is an increase of 5 programs from the last reporting period that are now using distance learning.

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, establishes parameters and outcomes for clinical experiences. It requires that the curriculum include 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 curriculum.

- Diploma programs: The average number of clinical 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 828 clock hours.

- Associate degree programs: The average number of clinical clock hours was 613. Clinical clock hours range from 333 hours (Hocking Technical College) to 881 hours (Mercy College of Northwest Ohio) with a median of 628 clock hours.

- Baccalaureate and higher degree programs: The average number of clinical clock hours was 853. Clinical clock hours ranged from 468 hours (The University of Toledo College of Nursing, Bowling Green State University 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 813.5 clock hours.

RN Program Faculty Vacancies, Distance Learning, and Clinical Hours

Program Type	Faculty Vacancies			Distance Learning		Clinical Hours
	Retirement Last Year	Retirement in Next 5 Years	Re: Salary	Yes	No	Low/High/Average/Median
Diploma	3	18	4	2	2	576/1076/827/828
Associate Degree	16	84	9	22	17	333/881/613/628
Baccalaureate	21	110	9	10	15	486/1604/840/815
Direct Entry Graduate	3	14	0	3		750/1036/866/812
Total	**43**	**226**	**22**	**37**	**34**	

Preceptors

The following is a summary of reported program experiences in finding preceptors. Of the 71 programs reporting, 66 reported the use of preceptors, and responded to the question "to what level has the 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	2	1	0	1	0
Associate Degree	6	17	5	8	0
Baccalaureate	5	8	5	7	0
Direct Entry Graduate	0	0	2	0	0
Summary	**13 (18.31%)**	**26 (36.62%)**	**12 (16.9%)**	**16 (22.54%)**	**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-eight programs reported using a capstone exam, and 22 of the 68 programs require a passing score for graduation.

Drug Screen

Programs were asked to report if they require a drug screen prior to admission or at some point while the student is enrolled. Twenty-eight programs reported requiring a drug screen, and 43 programs reported that they do not require a drug screen.

State Criminal Background Check

Programs were asked to report if they require applicants to undergo a state criminal background check prior to admission or at some point while the student is enrolled. Sixty-two programs reported requiring a state criminal background check and 9 programs reported that they do not require a criminal background check.

Federal Criminal Background Check

Programs were asked to report if they require a federal criminal background check prior to admission or at some point while the student is enrolled. Fifty-five programs reported requiring a federal criminal background check and 19 programs reported that they do not require a federal criminal background check.

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. However, 1 program did not provide the required annual report data and therefore, could not be included in the report.

Seat Availability and Admission Denials
PN programs reported 8,985 available seats, an increase of 603 from 8,382 in the previous reporting period. PN programs reported 8,349 of available seats were filled, representing that PN programs were at 92.92% capacity.

PN programs reported the denial of admission to 2,092 individuals who did not meet academic admission criteria. This is a decrease from the 2,414 academic denials in the previous reporting period. In addition, 1,197 academically qualified individuals were denied admission due to space constraints; this is an increase of 122 from 1,075 denied in the previous reporting period due to lack of seats.

Central Ohio Technical College Practical Nursing Program, Newark and Lorain Community College Practical Nursing Program, Elyria, reported 200 or more denials to academically qualified applicants due to lack of seats.

Program Expansion
Eleven PN programs reported program expansions, an increase from 6 programs that reported expansions in the previous reporting period. The 11 programs expanded by a total of 708 seats. An additional 11 PN programs reported the intention to expand by a total of 386 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 5 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 15 faculty members, and projected that 61 will retire in the next 5 years.

- Faculty positions vacated due to compensation: Programs reported a total of 20 faculty members left their positions due to salary or other compensation issues, to accept positions in clinical or administrative settings.

Distance Learning
Nineteen of the 59 reporting PN Programs included some distance learning in their programs. This is an increase from 15 programs utilizing some distance learning in the previous reporting period.

Clinical Hours
Of the 59 programs reporting 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 609 hours (Choffin School of Practical Nursing). The average number of clinical clock hours was 412, a decrease from the average of 432 reported in the previous reporting period.

PN Program Faculty Vacancies, Distance Learning, and Clinical Hours

Program Type	Faculty Vacancies			Distance Learning		Clinical Hours
	Retirement Last Year	Retirement in Next 5 Years	Re: Salary	Yes	No	Low/High/Average/Median
PN	15	61	20	19	40	182/609/412/438

Preceptors
Programs answered the question regarding the use of preceptors. Of the 59 programs reporting, 41 reported the use of preceptors.

In addition, the 41 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	25	13	5	0	1
Summary	**42.37%**	**22.03%**	**8.47%**	**0.0%**	**1.69%**

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. Fifty programs reported using a capstone exam, and 15 programs require a passing score for graduation.

Drug Screen

Programs were asked to report if they require a drug screen prior to admission or at some point while the student is enrolled. Thirty-two programs reported requiring a drug screen, and 27 programs reported that they do not require a drug screen.

State Criminal Background Check

Programs were asked to report if they require a state criminal background check prior to admission or at some point while the student is enrolled. Fifty-five programs reported requiring a state criminal background check and 4 programs reported that they do not require a state criminal background check.

Federal Criminal Background Check

Programs were asked to report if they require a federal criminal background check prior to admission or at some point while the student is enrolled. Forty-nine programs reported requiring a federal criminal background check and 10 programs reported that they do not require a federal criminal background check.