



Ohio Board of Nursing

www.nursing.ohio.gov

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PRE-LICENSURE NURSING EDUCATION PROGRAMS

SUMMARY OF ANNUAL REPORTS

July 1, 2016 through June 30, 2017

The Summary of Annual Reports provides data and information about Ohio pre-licensure education programs. Pre-licensure nursing education programs with Full Approval, Provisional Approval, or Continued Conditional Approval are required to submit an Annual Report to the Board in accordance with Rule 4723-5-05(A), Ohio Administrative Code. This Summary of Annual Reports covers the time period of July 1, 2016, through June 30, 2017 (FY17).

For this time period, there were 168 pre-licensure nursing education programs that submitted Annual Reports: 100 registered nursing (RN) programs and 68 practical nursing (PN) programs. Of the 100 RN programs, there are 41 baccalaureate degree programs, 46 associate degree programs, 9 diploma programs, and 4 direct entry graduate programs.

The first section of the Report provides data for RN education programs. The second section provides the same data for PN education programs.

This report and the raw data is available on the Board website at www.nursing.ohio.gov.

Registered Nursing (RN) Programs

Total-100 Programs

Baccalaureate Degree Programs – 41
 Associate Degree Programs – 46
 Diploma Programs – 9
 Direct Entry Graduate Programs (Direct Entry Graduate) – 4

Students Admitted with Credit for LPN Education, EMT/Paramedic, or Military

Program Type	LPN Education	EMT/Paramedic	Military Training
Associate Degree	1,384	54	1
Baccalaureate Degree	26	7	11
Diploma	187	0	0
Direct Entry Graduate	0	0	3
Total	1,597	61	15

Maximum Student Capacity, Peak Enrollment, Completions

Program Type	Maximum Capacity	Peak Enrollment	Completions
Associate Degree	14,012	10,877	4,234
Baccalaureate Degree	16,042	11,350	3,836
Diploma	701	360	167
Direct Entry Graduate	378	266	138
Total	31,133	22,853	8,375

Admissions and Enrollments

Program Type	Planned Admissions	Applications Received	Admissions Offered	Students Enrolled
Associate Degree	8,321	12,598	7,879	6,672
Baccalaureate Degree	5,095	12,407	6,835	4,426
Diploma	345	445	270	239
Direct Entry Graduate	302	535	312	170
Total	14,063	25,985	15,296	11,507

33 programs reported the following enrollment net increase/decrease:

- 15 programs reported a collective net increase of 590 students
- 12 programs reported a collective net decrease of 412 students
- 6 programs may expand to another location for a potential collective increase of 188

Programs With 200 or More Qualified Applicants Not Offered Admission

Program Name	Location	Number
Kent State University College of Nursing, BSN Program	Kent	246
University of Cincinnati, BSN Program	Cincinnati	791

Additional Admission and Readmission Information

- 3,035 applicants met program admission requirements, but were not offered admission
- 1,400 students were readmitted to programs

Number of Student Dismissals

Program Type	Student Conduct	Academic Performance	Clinical Performance
Associate Degree	89	1,088	21
Baccalaureate Degree	7	432	18
Diploma	9	38	2
Direct Entry Graduate	0	11	0
Total	105	1,569	41

Drug Screens

- 47 programs required a drug screen at time of admission, and 69 programs may require students to submit a drug screen at any point during their program
- No students were dismissed due to a positive drug screen

Students at Enrollment – Demographics¹

(22,853 Total Students)

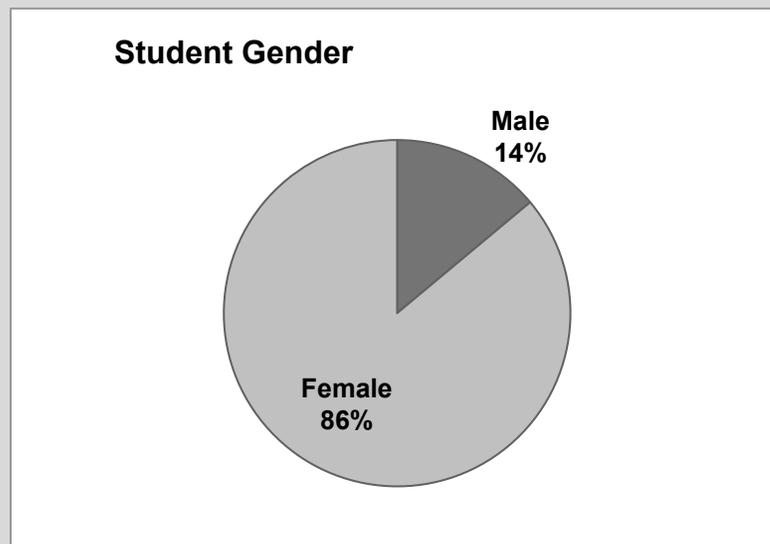
3% (657) Hispanic or Latino ethnicity, the races of which are reported:

Unknown – 438
White/Caucasian – 149
Two or more races – 36
Black/African American – 23
American Indian or Alaska Native – 7
Asian – 3
Native Hawaiian/Pacific Islander – 1

94% (21,459) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 17,629
Black/African American – 2,510
Unknown – 289
Asian – 514
Two or more races – 426
American Indian or Alaska native – 63
Native Hawaiian/Pacific Islander – 28

3% (737) Reported ethnicity unknown



¹ The Integrated Post Secondary Data Systems classifications/format, as used by U.S. colleges, universities, and technical/vocational institutions, is used throughout this report, as requested by education programs for consistency in reporting the data.

Students at Program Completion – Demographics

(Total of 8,375 students completed the program, a lower number than enrollments)

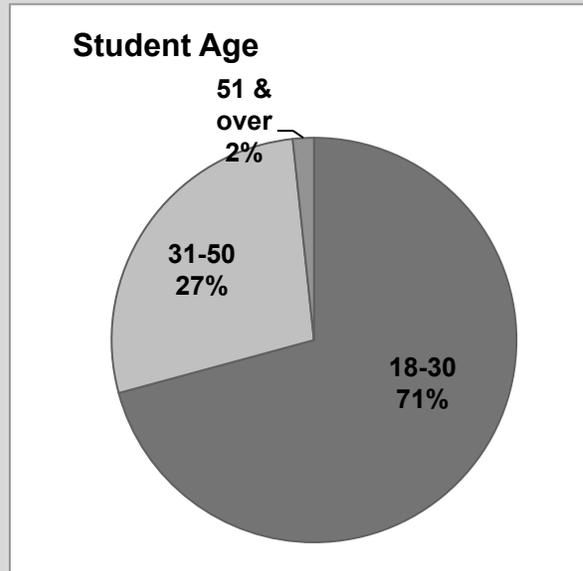
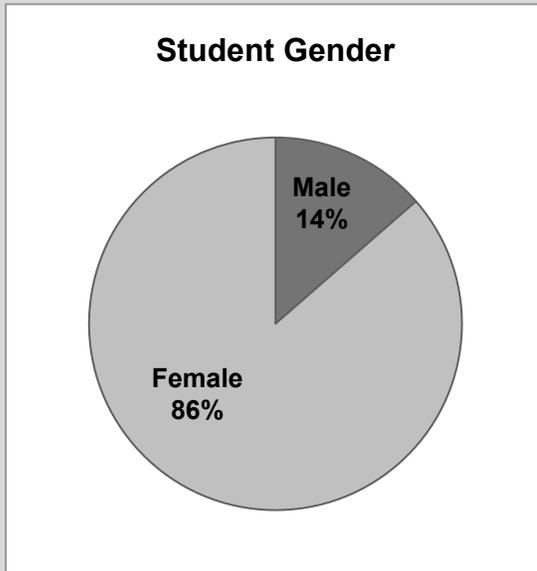
2.36% (198) Hispanic or Latino ethnicity, and the following race:

- Unknown – 138
- White/Caucasian – 36
- Two or more races – 11
- Black/African American – 9
- American Indian/Alaska Native – 3
- Asian – 0
- Native Hawaiian/Pacific Islander – 1

94.93% (7,950) Not Hispanic or Latino ethnicity, and the following race:

- White/Caucasian – 6,577
- Black/African American – 857
- Unknown – 191
- Asian – 175
- American Indian/Alaska Native – 22
- Two or more races – 115
- Native Hawaiian/Pacific Islander – 13

2.71% (227) Reported as ethnicity unknown



Faculty Demographics

(1,600 Total Faculty)

0.5% (8) Hispanic or Latino ethnicity, the races of which are reported:

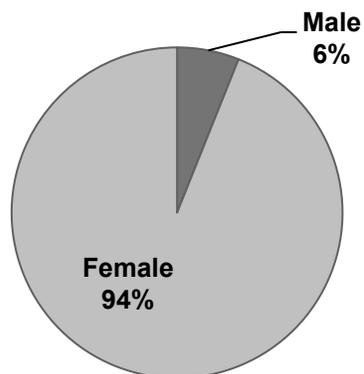
Unknown – 7
White/Caucasian – 1
Two or more races – 0
Black/African American – 0
American Indian or Alaska Native – 0
Asian – 0

98% (1,568) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 1,421
Black/African American – 116
Unknown – 2
Asian – 20
Two or more races – 4
American Indian or Alaska native – 3
Native Hawaiian/Pacific Islander – 2

1.5% (24) Reported ethnicity unknown

Gender



Highest Academic Degree

- Ph.D. in Nursing – 135
- Doctor of Nursing Practice – 146
- Non-nursing Doctorate – 78
- Master's (Nursing) – 1,209
- Master's (Non-nursing) – 32

Ages: 2% are 30 and younger; 15% are 31 to 40; 25% are 41 to 50; 20% are 51 to 55; 17% are 56 to 60; 19% are 61 to 70; and 2% are 71 or older

Teaching Assistant Demographics

94 programs used a total of 2,013 teaching assistants

<1% (12) Hispanic or Latino ethnicity, the races of which are reported:

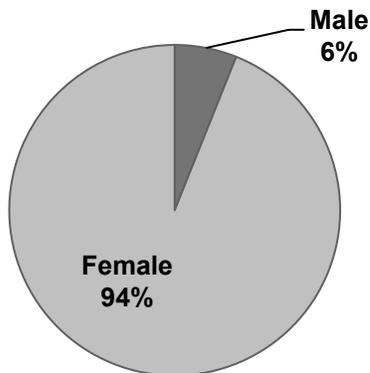
Unknown – 9
White/Caucasian – 2
Two or more races – 0
Black/African American – 0
American Indian or Alaska Native – 0
Asian – 0
Native Hawaiian/Pacific Islander – 1

86.28% (1,737) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 1,566
Black/African American – 128
Unknown – 17
Asian – 16
Two or more races – 4
American Indian or Alaska native – 4
Native Hawaiian/Pacific Islander – 2

13.11% (264) reported as ethnicity unknown

Gender

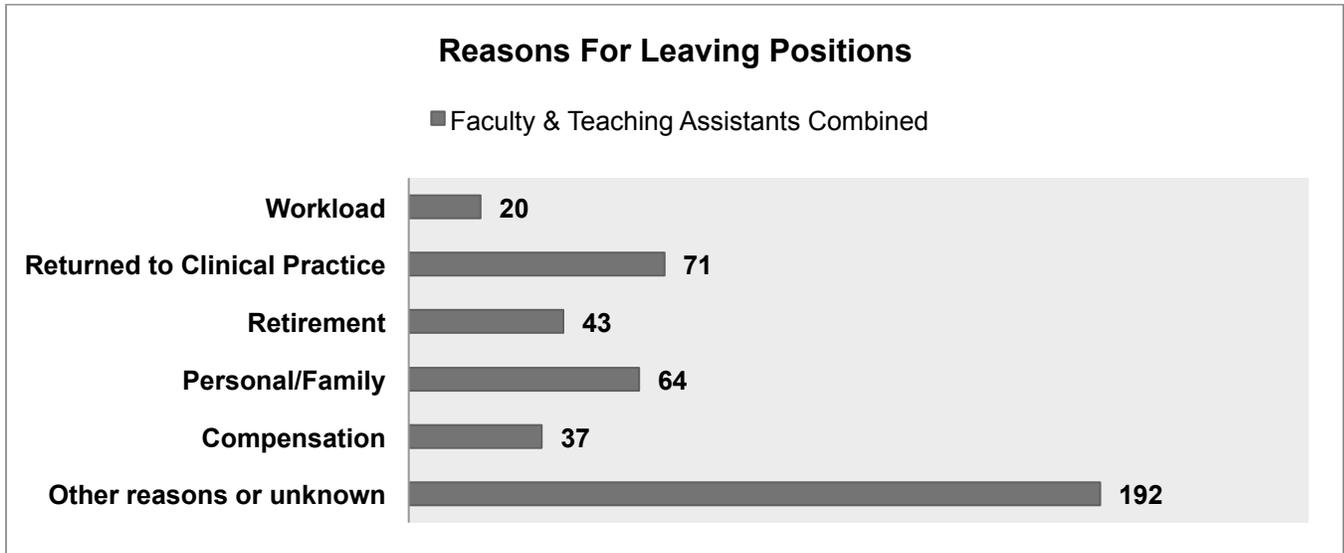


Highest Academic Degree

- Ph.D. in Nursing – 18
- Doctor of Nursing Practice – 32
- Non-nursing Doctorate – 4
- Master's (Nursing) – 883
- Master's (Non-nursing) – 23
- Baccalaureate in Nursing – 1,053

Ages: 12% are 30 and younger; 36% are 31 to 44; 19% are 45 to 50; 11% are 51 to 55; 10% are 56 to 60; 7% are 61 to 65; 5% are 66 & older

Faculty and Teaching Assistants – Vacancies and Projections



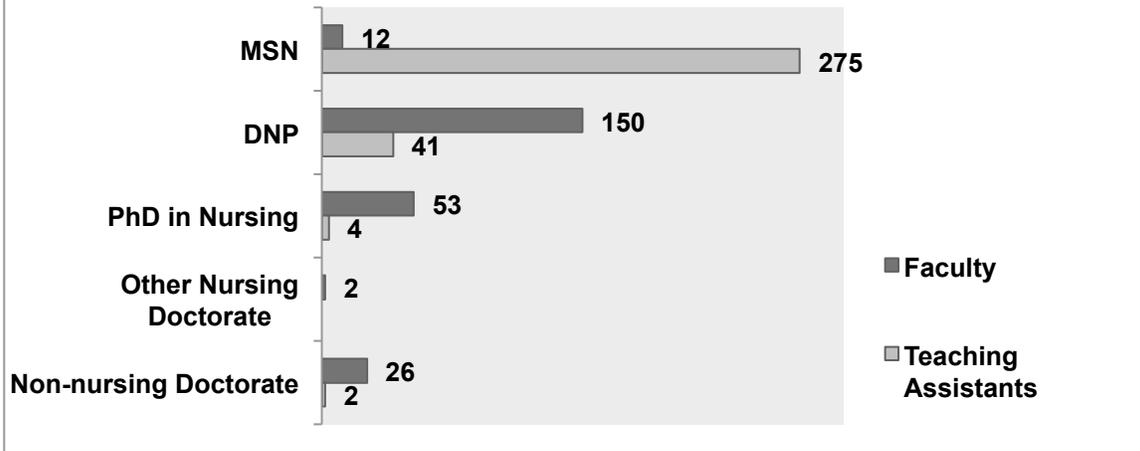
- Programs reported faculty and teaching assistants left to accept a position at another nursing education program
 - 93 – another program in Ohio
 - 20 – program outside of Ohio

- Programs reported 327 faculty and 444 teaching assistants anticipate leaving in the next 5 years

- 19 Programs reported unfilled faculty positions due to a lack of qualified applicants – 9 Baccalaureate; 10 Associate Degree, 0 Diploma and Direct Entry Graduate

- 7 Programs reported unfilled teaching assistant positions due to a lack of qualified applicants – 3 Baccalaureate; 4 Associate Degree; 0 Diploma and Direct Entry Graduate

Faculty and Teaching Assistants Currently Enrollment to Obtain Additional Academic Degrees



Curriculum Implementation

Programs must establish a curriculum plan that sets forth the number of hours allotted to theory, laboratory, and clinical experiences within each course. The administrative rules establish parameters and outcomes for laboratory and clinical experiences, but the rules do not establish a minimum number of hours.

Theory and Laboratory Hours

Program Type	All Theory Hours Low/High/Average/ Median	All Laboratory Hours Low/High/Average/ Median
Associate	105/951/448.96/375	48/370/183.08/177.5
Baccalaureate	238/1515/655.37/622	45/488/169.15/161
Diploma	440/1522/834.44/758	40/302/186.22/181
Direct Entry	476/945/692.5/674.5	90/174/133.75/135.5

Clinical Hours by Program Type

Program Type	All Clinical Low/High/Average/ Median	Pediatric Clinical Low/High/Average/ Median	Obstetrical Clinical Low/High/Average/ Median
Associate	240/639/478/469	8/72/34.6/33.5	12/68/35.2/36.5
Baccalaureate	501/1252/701.3/689	16/112/61/60	16/112/58.9/54
Diploma	256/704/433.3/400	14/108/38/24	8/108/35.8/24
Direct Entry	472/1092/752.5/723	40/112/63/50	40/112/63/50

Hours of Moderate or High Fidelity Simulation by Program Type

Program Type (Number)	Laboratory Hours Devoted to Simulation Low/High/Average/Median
Associate (44)	5/120/40.2/29
Baccalaureate (39)	3/213/47.6/32
Diploma (6)	4/150/48.3/31
Direct Entry (4)	3/85/34.3/24.5

Clinical Agencies Used for Obstetrical Clinical Experiences by Program Type

Clinical Site	AD	BSN	Diploma	Direct Entry	Total
Acute Care Facility	44	41	6	4	95
Licensed Birthing Clinic	2	2	0	0	4
Physician/APRN Office	1	2	2	1	6
Community Health Clinic	2	2	2	0	6
Home Health Agency	0	1	0	1	2

Clinical Agencies Used for Pediatric Clinical Experiences by Program Type

Clinical Site	AD	BSN	Diploma	Direct Entry	Total
Acute Care Facility	35	39	5	4	83
Public/Private School	19	19	6	1	45
Community Health Clinic	5	8	2	1	16

- 87 programs used preceptors to supervise students during clinical experiences
 - Associate degree programs – 35
 - Baccalaureate degree programs – 41
 - Diploma programs – 7
 - Direct entry graduate programs – 4

- Ratio of faculty or teaching assistant to students during clinical experiences
 - 1:5 – 3 programs
 - 1:6 – 14 programs
 - 1:7 – 12 programs
 - 1:8 – 49 programs
 - 1:9 – 10 programs
 - 1:10 – 12 programs

Capstone/NCLEX Predictor Use and Practicum

- 56 programs concluded with a capstone practicum clinical experience as part of the curriculum

- 66 programs used a NCLEX predictor examination at various intervals throughout the program

- Capstone practicum clinical experiences ranged from 40 to 378 clock hours

- 84 programs used a NCLEX predictor/capstone examination as one or more of the following (programs selected more than one):
 - Examination contributed to the capstone course grade – 54
 - Examination passage required to pass the capstone course – 17
 - Examination passage required (independent of a course) for successful program completion – 3
 - Examination used only for feedback or had no impact on the course grade or successful program completion – 20
 - Examination used for evaluation of the program and had no impact on grades or successful program completion – 8

- Capstone Examination and Student Completion
 - Baccalaureate and Direct Entry Graduate programs – all students passed the capstone exam
 - 2 Associate degree programs collectively reported 3 students did not successfully complete the program due to failing the capstone exam
 - 3 Diploma programs collectively reported 7 students did not successfully complete the program due to failing the capstone exam

NCLEX Predictor/Capstone Examination Product Used

Program Type	HESI	ATI	Kaplan
Associate	17	25	6
Baccalaureate	12	17	9
Diploma	3	4	1
Direct Entry	1	0	2
Total	33	46	18

Accreditation

- 79 – ACEN, CCNE or both
- No programs accredited by NLN CNEA

Articulation Agreements

- 26 Associate degree programs and 1 Diploma program established articulation agreements with other degree granting programs for graduates to obtain a baccalaureate or higher degree

Inter-Professional Education Experiences

- 63 programs reported using inter-professional education experiences

Clinical Experiences Outside of Ohio

- 31 programs used clinical settings in the following states or countries for student experiences: Kentucky, West Virginia, Indiana, Pennsylvania, Michigan, Texas, Alaska, Mexico, Dominican Republic, Ecuador, Belize, Haiti, Hong Kong, Brazil, Tanzania, Philippines and Kenya

Practical Nursing (PN) Programs – Total 68

Student Capacity, Peak Enrollment and Completions

Maximum Student Capacity	Peak Student Enrollment	Successful Completions	Calculated Capacity Filled
9,163	5,485	2,898	60%

Planned Admissions, Applications, and Actual Admissions

Planned Admissions	Applications Received	Admission Offered	Students Enrolled
6,548	8,723	6,450	5,081

Additional Admission, Readmission and Net Enrollment Information

- 680 applicants met program admission, but were not offered admission
- 464 students were readmitted to programs

12 programs reported enrollment net increase/decrease:

- 4 programs reported a collective net increase of 156 students
- 3 programs may expand to another location; potential increase of 120
- 5 programs reported a collective net decrease of 126 students

Programs granted credit to students with STNA, EMT, or Military Training, or for prior healthcare courses:

- 495 State tested nurse aides (STNAs)
- 2 Emergency medical technician (EMTs)
- 11 Military trained personnel (MTs)
- 88 Previous healthcare courses

Student Dismissals

- 852 students dismissed due to academic performance
- 37 students dismissed due to clinical performance
- 133 students dismissed due to conduct
 - Unprofessional conduct – 44
 - Failure to attend – 50
 - Substance use/abuse – 7
 - Criminal conduct – 10
 - Other – 22

Drug Screens

- 35 programs required a drug screen at time of admission, and 42 programs may require students to submit a drug screen at any point during their program.
- 6 students were dismissed due to a positive drug screen.

Students at Enrollment – Demographics

(5,485 Total Students)

2% (134) Hispanic or Latino ethnicity, the races of which are reported:

Unknown – 94

White/Caucasian – 31

Two or more races – 8

Black/African American – 0

American Indian or Alaska Native – 1

Asian – 0

95% (5,208) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 2,946

Black/African American – 2,025

Unknown – 41

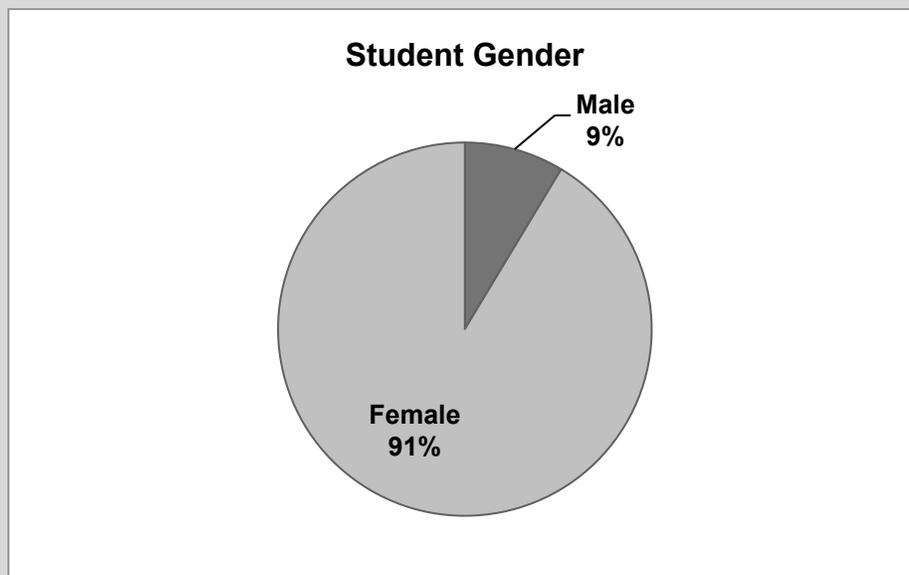
Asian – 65

Two or more races – 90

American Indian or Alaska native – 9

Native Hawaiian/Pacific Islander – 32

3% (143) reported as ethnicity unknown



Students at Program Completion – Demographics

(Total of 2,898 students completed the program, a lower number than enrollments)

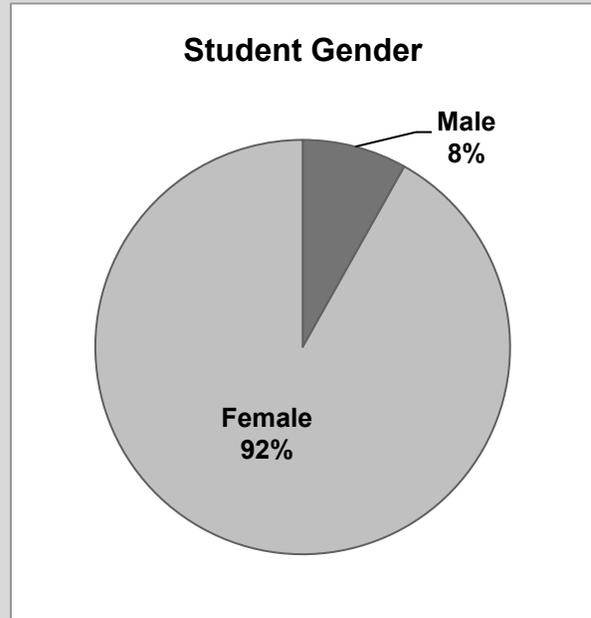
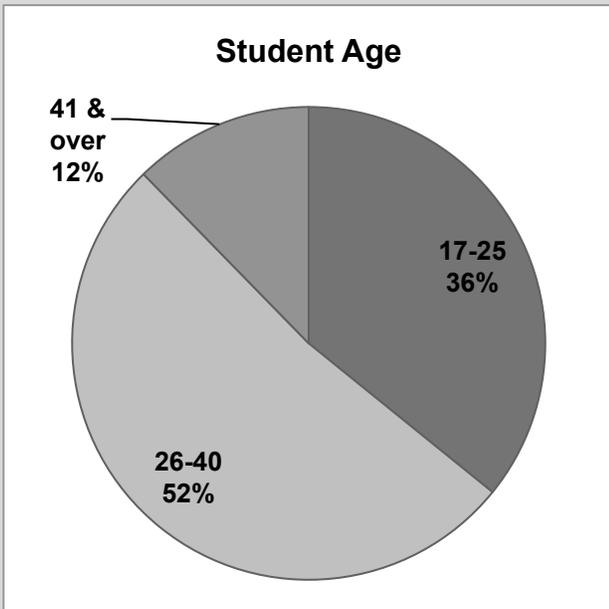
2.3% (67) identified Hispanic or Latino ethnicity, and the following race:

- Unknown – 46
- White/Caucasian – 16
- Two or more races – 5
- Black/African American – 0
- American Indian/Alaska Native – 0
- Asian – 0

94.7% (2,745) identified Not Hispanic or Latino ethnicity, and the following race:

- White/Caucasian – 1,724
- Black/African American – 874
- Unknown – 72
- Asian – 27
- American Indian/Alaska Native – 4
- Two or more races – 43
- Native Hawaiian/Pacific Islander – 1

3% (86) is reported as ethnicity unknown



Faculty Demographics

(537 Total Faculty)

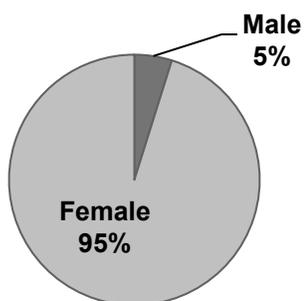
<1% (2) Hispanic or Latino ethnicity
White/Caucasian – 1
Two or more races – 1

96.6% (519) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 451
Black/African American – 57
Unknown – 1
Asian – 2
Two or more races – 4
American Indian or Alaska native – 3
Native Hawaiian/Pacific Islander – 1

2.97% (16) reported as ethnicity unknown

Gender

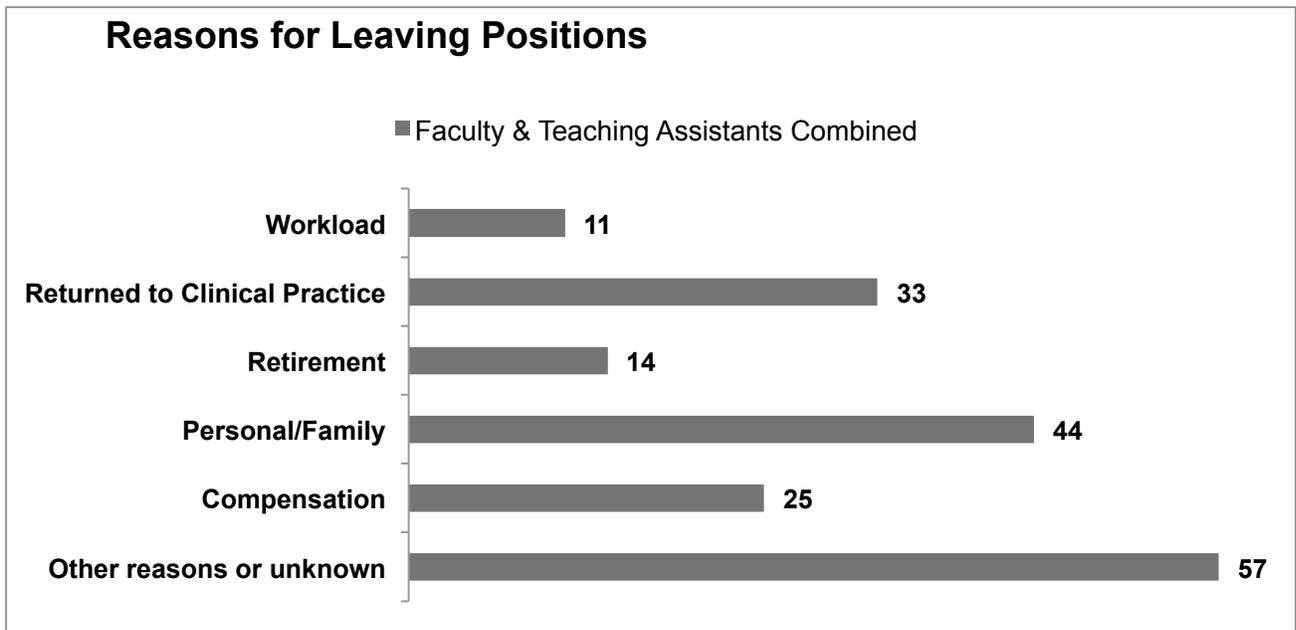


Highest Academic Degree

- Ph.D. in Nursing – 4
- Doctor of Nursing Practice – 15
- Non-nursing Doctorate – 3
- Master's (Nursing) – 212
- Master's (Non-nursing) – 28
- Baccalaureate in Nursing – 275

Ages: 3% are 30 and younger; 17% are 31 to 40; 23% are 41 to 50; 18% are 51 to 55; 16% are 56 to 60; 21% are 61 to 70; and 2% are 71 or older

Faculty and Teaching Assistants Vacancies and Projections



- Programs reported faculty and teaching assistants left to accept a position at another nursing education program
 - 67 – another program in Ohio
 - 7 – program outside of Ohio

- 195 faculty members and 85 teaching assistants anticipate leaving their position in the next 5 years

- 5 programs reported unfilled faculty positions and 6 programs reported unfilled teaching assistant positions due to a lack of qualified applicants

Teaching Assistant Demographics

(53 programs reported using a total of 330 teaching assistants)

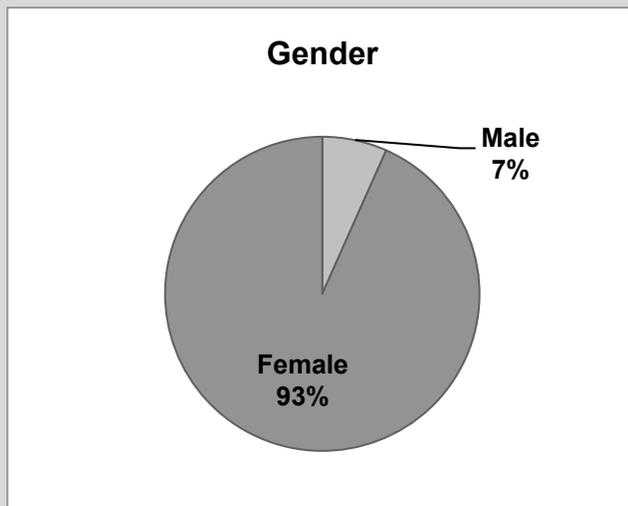
0.6% (2) Hispanic or Latino ethnicity, the races of which are reported:

Unknown – 0
White/Caucasian – 2
Two or more races – 0
Black/African American – 0
American Indian or Alaska Native – 0
Asian – 0

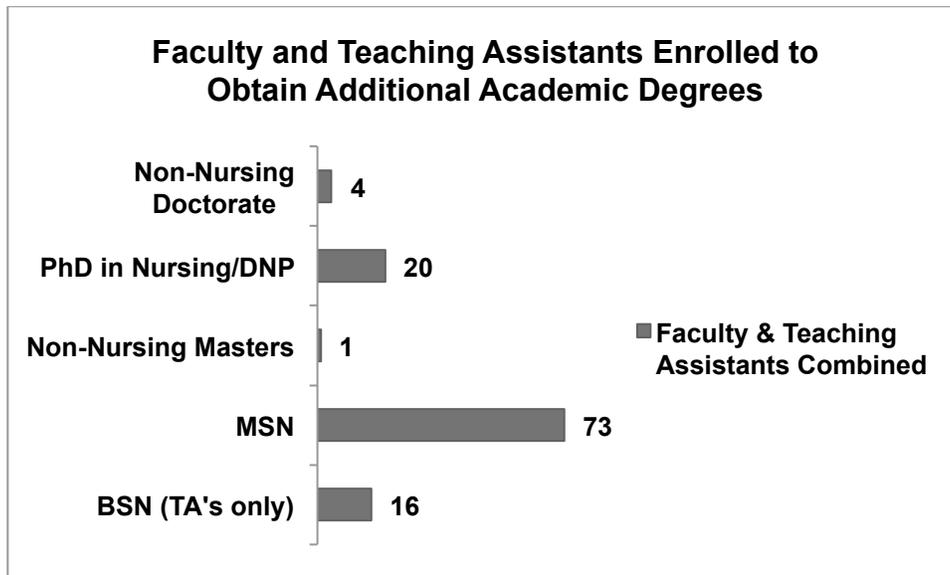
96.7% (319) Not Hispanic or Latino ethnicity, the races of which are reported:

White/Caucasian – 280
Black/African American – 33
Unknown – 1
Asian – 2
Two or more races – 0
American Indian or Alaska native – 0
Native Hawaiian/Pacific Islander – 3

2.7% (9) Ethnicity unknown



Ages: 6% are 30 and younger; 27% are 31 to 44; 17% are 45 to 50; 14% are 51 to 55; 14% are 56 to 60; 14% are 61 to 65; 8% are 66 & older



Curriculum Implementation

Programs must establish a curriculum plan that sets forth the number of hours allotted to theory, laboratory, and clinical experiences within each course. The administrative rules establish parameters and outcomes for laboratory and clinical experiences, but the rules do not establish a minimum number of hours.

Theory and Laboratory Experiences

- Theory hours ranged from 127 to 1035, with an average of 607 and a median of 620 hours.
- Laboratory hours ranged from 38 to 308, with an average of 151.35 and a median of 140 hours.

Clinical and Simulation Experiences

- Clinical experience hours ranged from 114 to 609. The average number of clinical hours was 347, a decrease from the average of 352 reported in the previous reporting period

Clinical Hours

All Clinical Hours Low/High/Average/Median	Pediatric Clinical Hours Low/High/Average/ Median	Obstetrical Clinical Hours Low/High/Average/ Median
114/609/347/352	3/64/18/13	3/64/16.79/14

- Most Frequent Sites for Obstetric Clinical Experience
 - Acute Care Facility – 47
 - Physician Office/APRN Office – 12
 - Community Health Clinic – 12

- Most Frequent Sites for Pediatric Clinical Experience
 - Public/Private School – 38
 - Acute Care – 25
 - Physician Office/APRN Office – 7

- 9 programs used clinical sites in states outside of Ohio for student experience
 - West Virginia, Indiana, Kentucky, and Michigan

- Simulation
 - 45 programs provided laboratory hours for skills practice using moderate or high fidelity human patient simulations
 - Laboratory hours for simulation ranged from 2 to 161 hours with an average of 29.07 hours, and a median of 14.5 hours

- Clinical Supervision
 - 39 programs use preceptors to supervise students during clinical experiences

- Clinical Ratios of Faculty or Teaching Assistant to Students
 - 1:4 – 1 program
 - 1:5 – 2 program
 - 1:6 – 3 programs
 - 1:7 – 7 programs
 - 1:8 – 27 programs
 - 1:9 – 6 programs
 - 1:10 – 22 programs

Capstone/ NCLEX Predictor Use and Practicum

- 21 programs concluded with a capstone or practicum clinical experience within the curriculum
 - Capstone clinical ranged from 36 to 120 clock hours

- 42 programs used a NCLEX predictor examination at various intervals throughout the program

- 65 programs used a programs used a NCLEX predictor/capstone examination as one or more of the following (programs selected more than one):
 - Examination contributed to the capstone course grade – 35
 - Examination passage required to pass the capstone course – 18
 - Examination passage required (independent of the course) for successful program completion – 10
 - Examination used only for feedback or had no impact on the course grade or successful program completion – 15
 - Examination used for program evaluation and had no impact on grades or successful program completion – 5

- 75 students in 12 programs did not successfully complete the program due to failing the required capstone examination as a course or program requirement

NCLEX Predictor/Capstone Products

- HESI – 22 programs
- ATI – 37 programs
- Other – 10 (Kaplan, NCSBN Comprehensive LPN, Lippencott's Passpoint, Arnett, ACE-PN)

Articulation Agreements

- 26 programs had agreements with 5 RN diploma and 21 associate degree programs
 - 162 students completing PN programs in the prior reporting period articulated and enrolled in a RN diploma or associate degree program
 - 2 programs had agreements with baccalaureate degree programs

Inter-Professional Education Experiences

- 22 programs reported having inter-professional education experiences

Accreditation

- ACEN accredited – 3
- NLN CNEA – 0
- Considering ACEN accreditation – 9
- Considering NLN CNEA accreditation – 8

Appendix A

Reporting Programs, Enrollment, and Graduates

Nursing Programs	Enrollment	Graduates
Direct Entry Graduate	Direct Entry Graduate	Direct Entry Graduate
2012-2013 . . . 4	2012-2013 . . . 302	2012-2013 . . . 162
2013-2014 . . . 4	2013-2014 . . . 344	2013-2014 . . . 113
2014-2015 . . . 4	2014-2015 . . . 263	2014-2015 . . . 148
2015-2016 . . . 4	2015-2016 . . . 302	2015-2016 . . . 152
2016-2017 . . . 4	2016-2017 . . . 266	2016-2017 . . . 138
Baccalaureate Degree	Baccalaureate Degree	Baccalaureate Degree
2012-2013 . . . 31	2012-2013 . . . 10,745	2012-2013 . . . 3,447
2013-2014 . . . 30	2013-2014 . . . 10,979	2013-2014 . . . 3,454
2014-2015 . . . 33	2014-2015 . . . 11,185	2014-2015 . . . 3,729
2015-2016 . . . 39	2015-2016 . . . 10,468	2015-2016 . . . 3,580
2016-2017 . . . 41	2016-2017 . . . 11,350	2016-2017 . . . 3,836
Associate Degree	Associate Degree	Associate Degree
2012-2013 . . . 40	2012-2013 . . . 12,924	2012-2013 . . . 5,089
2013-2014 . . . 46	2013-2014 . . . 13,487	2013-2014 . . . 5,185
2014-2015 . . . 48	2014-2015 . . . 13,019	2014-2015 . . . 4,839
2015-2016 . . . 51	2015-2016 . . . 12,120	2015-2016 . . . 4,679
2016-2017 . . . 46	2016-2017 . . . 10,877	2016-2017 . . . 4,234
Diploma	Diploma	Diploma
2012-2013 . . . 4	2012-2013 . . . 270	2012-2013 . . . 90
2013-2014 . . . 6	2013-2014 . . . 303	2013-2014 . . . 149
2014-2015 . . . 8	2014-2015 . . . 350	2014-2015 . . . 132
2015-2016 . . . 8	2015-2016 . . . 358	2015-2016 . . . 149
2016-2017 . . . 9	2016-2017 . . . 360	2016-2017 . . . 167
Practical - High School	Practical - High School	Practical - High School
2012-2013 . . . 4	2012-2013 . . . 121	2012-2013 . . . 43
2013-2014 . . . 4	2013-2014 . . . 121	2013-2014 . . . 66
2014-2015 . . . 4	2014-2015 . . . 138	2014-2015 . . . 39
2015-2016 . . . 4	2015-2016 . . . 153	2015-2016 . . . 49
2016-2017 . . . 4	2016-2017 . . . 131	2016-2017 . . . 51
Practical - Adult	Practical - Adult	Practical - Adult
2012-2013 . . . 65	2012-2013 . . . 6,938	2012-2013 . . . 4,021
2013-2014 . . . 64	2013-2014 . . . 5,780	2013-2014 . . . 3,335
2014-2015 . . . 63	2014-2015 . . . 5,510	2014-2015 . . . 2,766
2015-2016 . . . 63	2015-2016 . . . 5,089	2015-2016 . . . 2,782
2016-2017 . . . 64	2016-2017 . . . 5,354	2016-2017 . . . 2,847