



STATE HEALTH IMPROVEMENT PLAN

HEALTHY PENNSYLVANIANS 2010 AND BEYOND

Report on the Status of Nursing Education Programs in Pennsylvania

DATA FROM NURSING EDUCATION
PROGRAM ANNUAL REPORTS, 2009

VOLUME 8 – JULY 2010

pennsylvania
DEPARTMENT OF HEALTH



TABLE OF CONTENTS

INTRODUCTION	1
METHODOLOGY	3
Number and Distribution of Nursing Education Programs.....	4
Nursing Education Program Student Enrollment and Faculty.....	7
Qualifications of Nursing Program Faculty.....	16
Nursing Education Program Applicants	19
Nursing Education Program Graduates	22
Student Attrition.....	25
Curriculum Programming	29
Course Options.....	32
Appendices.....	37
Appendix 1: Survey Form.....	38
Appendix 2: Definitions	56
Endnotes.....	57

INTRODUCTION

In response to legislative concerns regarding the lack of data available to inform policy discussions related to the shortage of health professionals, the Pennsylvania Department of Health convened a Health Professions Study Group in January, 2002. The goal of this Study Group was to develop an objective understanding of the supply and distribution of the health care workforce in Pennsylvania, the impact and potential impact upon our communities and possible solutions to the emerging health care workforce shortage issue. This group met initially as a whole, and later as a set of task forces. The group developed a continuing dialogue among state agencies, employers, nursing leaders, academics and others. Since its inception, the Study Group has assisted the Department in focusing efforts to address health professions employment.

As part of the activities of the Health Professions Study Group, staff from the Department of Health and the Department of State discussed the nature and scope of data available through the Department of State's Bureau of Professional and Occupational Affairs. The Study Group focused its attention on data available through the State Board of Nursing.

The Department of State, Bureau of Professional and Occupational Affairs, State Board of Nursing is responsible for administering the professional and vocational standards of Title 49, Chapter 21 of the Pennsylvania Code to ensure safe nursing services for the citizens of the commonwealth.

The Board's responsibilities include:¹

- establishing "safe standards for the preparation of registered and practical nurses in approved educational programs"; and
- assuring "safe standards of nursing practice through examination and licensure of graduates of approved educational programs, through endorsement of registered and practical nurses from other jurisdictions, and through the regulation of the practice of nursing in this Commonwealth."

In order to fulfill the responsibilities according to statutory authority,² the State Board of Nursing collects demographic and regulatory compliance data from the commonwealth's nursing education programs. These nurse education programs include baccalaureate (RN-BS), hospital-based diploma (RN-DIP) and associate degree (RN-AD) programs for professional registered nurses (RN) and community college, hospital and vocational-educational programs for practical nurses (PN).

The source of information for data included in this report is the **Professional/Practical Nursing Education Program Annual Report** (Appendix 1). The Annual Report collects demographic and statistical information of pre-licensure nursing education programs in Pennsylvania. Through this report, the Board of Nursing collects information on each program including number of faculty, faculty changes, number of faculty with required degrees by regulation, number of available refresher courses and satellite campuses, number of credits required by the program, student enrollment and graduation. Since the Annual Report is completed by all RN and PN programs approved in Pennsylvania, it is an excellent source of trend information regarding basic nursing education.

The Clinical Education Taskforce of the PA Center for Health Careers recommended that new questions be added to the 2007 Annual Report, and the Board accepted. These questions addressed faculty and students who speak other languages fluently, as well as gender and race of graduates. Also, the Clinical Education Taskforce of the PA Center for Health Careers included definitions of full-time nurse faculty, part-time nurse faculty and contracted nurse Faculty, which are referenced in Appendix 2.

The Department of Health recognizes that objective data is crucial to understanding the status of the healthcare workforce and is committed to continuing its collaboration with the State Board of Nursing on the collection and analysis of data. This report is the eighth in a series intended to present data on nursing education programs—data that profoundly influence the supply side of the nursing workforce.

METHODOLOGY

The data on nursing education programs were collected from the 2009 Professional/Practical Nursing Education Program Annual Report and compared to previously available Annual Report data when appropriate. Annual Reports have been submitted by 124 or more programs annually since 1994. Table 1 indicates the number of Annual Reports reviewed by the Department of Health. The information in this Report is based on data provided by these programs unless specified otherwise.

For the third time, Annual Report submissions were done electronically via the database system EppiccNURSE (Education Program Portal Information and Communication Channel). Inconsistent and/or incomplete data may appear due to the availability of the requested data at the time the report is due or because of changes occurring in the program. For example, a nurse education program may be going through a period of expansion, closure or merger of controlling institutions, and this will affect how program numbers, options, admissions, attrition and other information are recorded. Completeness of the data was a factor in the creation of a number of tables in this report.

The number of annual reports is not the same as the number of approved nursing programs. For the year in review, if programs did not admit students before October 1st then no annual reports were collected.

**NUMBER AND DISTRIBUTION OF NURSING
EDUCATION PROGRAMS**

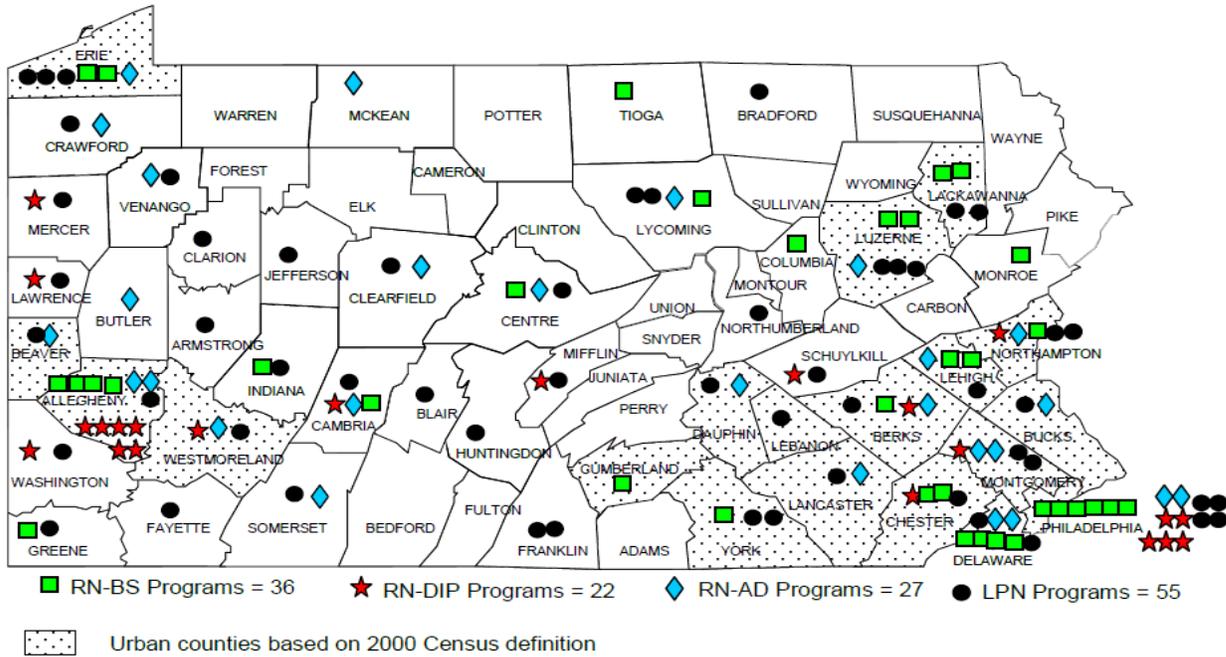
1. Number and Distribution of Nursing Education Programs

- In 2009, the Pennsylvania Department of Health reviewed Nursing Education Program Annual Reports submitted by 140 nursing education programs to the Pennsylvania Department of State, the State Board of Nursing (Table 1).³
 - 36 RN-BS programs
 - 22 RN-DIP programs
 - 27 RN-AD programs
 - 55 PN programs
- By the end of 2009, there were 85 professional nursing programs (RN) and 55 practical nursing programs (PN) in the state. The number of nursing education programs approved by the Board of Nursing and the number of nursing education program annual reports reviewed by the Department of Health for this report are current as of October 31, 2009 (Table 2).
- Twenty counties do not have either practical nursing or registered nursing programs. All of these counties are defined as rural by the 2000 Census definition (Figure 1). However, several approved programs may have established satellite programs in these counties.⁴
- Philadelphia County has the largest number of nursing programs with 17, followed by Allegheny County with 13 (Figure 1).
- Approximately 25 percent of RN programs and 45 percent of PN programs are located in rural counties (Figure 1). However, 12 percent of Pennsylvania’s population resides in rural areas according to the 2000 U.S. Census population estimates.

**Table 1
Nursing Education Programs,
Number of Annual Reports Reviewed,
2000-2009**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
RN-BS	33	34	33	33	33	35	35	35	35	36
RN-DIP	24	24	23	23	22	23	22	22	22	22
RN-AD	22	22	22	22	25	27	27	27	27	27
Total RN	79	80	78	78	80	85	84	84	84	85
PN	47	46	42	48	49	48	50	53	52	55
All Programs	126	126	120	126	129	133	134	137	136	140

Figure 1
Nursing Education Programs, Pennsylvania, 2009



Source: Pennsylvania Department of State, Bureau of Professional and Occupational Affairs, State Board of Nursing. This map only includes approved programs that submitted annual reports in 2009. The map does not show satellite campuses. There is one RN-AD program not shown, as it is located in Maryland and has satellite facilities in Pennsylvania.

Table 2
Number of Nursing Education Programs by Program Type,
Pennsylvania, 1997-2009

Program Type	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
RN-BS	31	31	32	33	34	33	33	33	35	35	35	35	36
RN-DIP	28	26	25	24	24	23	22	22	23	23	22	22	22
RN-AD	23	22	22	22	22	22	22	25	27	27	27	27	27
RN Total	82	79	79	79	80	78	78	80	85	85	84	84	85
PN Community College	7	7	7	7	9	8	10	9	11	14	11	11	11
PN Hospital-Based	2	2	2	3	3	2	3	3	2	2	2	1	1
PN Vo-Tech School	40	38	37	37	34	32	35	37	35	36	40	40	43
PN Total	49	47	46	47	46	42	48	49	48	52	53	52	55

**NURSING EDUCATION PROGRAM STUDENT
ENROLLMENT AND FACULTY**

2. Trends Relating To Nursing Education Program Student Enrollment and Faculty

RN

- Enrollment increased for RN-BS nursing programs and fell for RN-DIP and RN-AD programs from 2008 to 2009 (Table 3).
- The total number of students enrolled in RN nursing programs increased by 5.9 percent from 20,885 to 22,110 between 2008 and 2009 and increased by 112.6 percent from 10,398 to 22,110 between 2001 and 2009 (Table 3 and Figure 2).
- The total number of faculty employed in RN nursing education programs in Pennsylvania increased by 2.7 percent from 3,270 to 3,359 between 2008 and 2009 and by 117.8 percent from 1,542 to 3,359 from 2001 to 2009 (Table 3).
- The weighted student faculty ratio for RN-BS programs increased steadily between 2000 and 2005. Between 2006 and 2008, this ratio has decreased as faculty increases occurred with modest increases in student enrollment. This rate increased in 2009 as increased student enrollments occurred with a decrease in full-time and contracted faculty. RN-DIP programs saw their weighted student faculty ratios increase until 2004, when increases in faculty occurred with a stabilizing of student enrollment. The weighted student faculty ratio of RN-DIP remained the same between 2008-2009. Although the weighted student faculty ratio of RN-AD programs has fluctuated since 2001, this ratio decreased between 2008 and 2009 (Table 3).

PN

- Enrollment increased for PN nursing programs from 2008 to 2009 (Table 3).
- The total number of students enrolled in practical nursing programs increased 8.5 percent from 3,091 to 3,353 between 2008 and 2009 and increased 56.4 percent from 2,493 to 3,353 between 2001 and 2009 (Figure 3).
- The total number of faculty employed in PN nursing education programs in Pennsylvania increased by 6.4 percent from 645 to 686 between 2008 and 2009 and by 96.0 percent from 350 to 686 between 2001 and 2009 (Table 3).
- The weighted student-faculty ratios for PN programs have fluctuated since 2001. After increasing from 2001 to 2002, the weighted student-faculty ratio dropped to a low of 7.2:1 in 2005. The weighted student-faculty ratio began to increase again (to 9.8:1) in 2006. This increase was due to increased student enrollment along with a decrease in faculty. The ratio decreased in 2007 and 2008 as modest increases in faculty occurred with modest decreases in student enrollment. The weighted student faculty ratio increased slightly in 2009 as an increase in enrollments occurred with an increase in the number of full-time and part-time faculty (Table 3).

Table 3: Nursing Education Program Enrollment, Faculty and Student Faculty Ratio, 2001-2009

Program Type	Year	Number Enrolled			Faculty				Student Faculty Ratio	
		Full-Time Program	Part-Time Program	Total	Full- Time	Part- Time	Contracted (per diem)	Total	Unweighted	Weighted*
RN-BS	2001	4,422	493	4,915	517	300	N/A	817	6.0:1	7.7:1
	2002	5,085	579	5,664	518	327	N/A	845	6.7:1	8.7:1
	2003	6,767	710	7,477	515	462	N/A	977	7.7:1	11.0:1
	2004	8,041	1,039	9,080	556	508	N/A	1,064	8.5:1	12.2:1
	2005	9,000	1,193	10,193	597	630	N/A	1,227	8.3:1	12.3:1
	2006	9,229	900	10,229	659	372	547	1,578	6.5:1	10.6:1
	2007	9,521	1,090	10,611	730	521	541	1,792	5.9:1	9.8:1
	2008	9,630	1,115	10,745	773	389	682	1,844	5.8:1	9.5:1
	2009	10,172	2,270	12,442	747	446	621	1,814	6.9:1	10.6:1
RN-DIP	2001	1,900	167	2,067	211	44	N/A	255	8.1:1	8.7:1
	2002	2,358	295	2,653	234	61	N/A	295	9.0:1	9.8:1
	2003	2,510	355	2,833	252	83	N/A	335	8.6:1	9.5:1
	2004	2,696	438	3,134	270	92	N/A	362	8.7:1	9.6:1
	2005	2,703	465	3,168	275	106	N/A	381	8.3:1	9.4:1
	2006	2,660	416	3,076	292	74	15	381	8.1:1	8.8:1
	2007	2,724	429	3,153	302	53	49	404	7.8:1	8.6:1
	2008	2,832	366	3,198	308	51	46	405	7.9:1	8.8:1
	2009	2,783	350	3,133	301	65	35	401	7.8:1	8.8:1
RN-AD	2001	2,827	589	3,416	228	242	N/A	470	7.3:1	10.3:1
	2002	3,160	1,102	4,262	236	351	N/A	587	7.3:1	10.6:1
	2003	2,803	1,691	5,341	268	381	N/A	649	8.2:1	8.9:1
	2004	4,111	1,692	5,803	317	477	N/A	793	7.3:1	10.4:1
	2005	3,760	2,363	6,123	317	487	N/A	804	7.6:1	9.9:1
	2006	4,770	1,336	6,106	341	320	192	853	7.2:1	10.9:1
	2007	4,765	2,050	6,815	353	292	370	1,015	6.7:1	10.2:1
	2008	4,947	1,995	6,942	373	291	357	1,021	6.8:1	10.2:1
	2009	4,537	1,998	6,535	370	348	426	1,144	5.7:1	8.9:1
PN	2001	2,290	203	2,493	165	185	N/A	350	7.1:1	11.1:1
	2002	2,106	405	2,511	142	174	N/A	316	7.9:1	11.9:1
	2003	2,254	494	2,772	202	342	N/A	544	5.1:1	8.3:1
	2004	2,194	707	2,901	211	360	N/A	571	5.1:1	7.9:1
	2005	2,254	508	2,762	236	372	N/A	602	4.6:1	7.2:1
	2006	2,390	761	3,151	190	137	153	480	6.6:1	9.8:1
	2007	2,593	542	3,135	217	141	267	625	5.0:1	8.6:1
	2008	2,498	593	3,091	216	165	264	645	4.8:1	8.2:1
	2009	2,717	636	3,353	225	199	262	686	4.9:1	8.5:1

* In calculating the weighted student faculty ratio, part-time students and part-time/contracted faculty are both weighed as 0.25 x full-time student or faculty. In some cases, a breakdown of full-time and part-time students and part-time/contracted faculty was not available from every program. Where this occurred, those programs were not included in the calculation of the weighted student faculty ratio. **Note:** Lower numbers denote improved ratios.

Figure 2
Pennsylvania RN Education Program Enrollments, 2000-2009

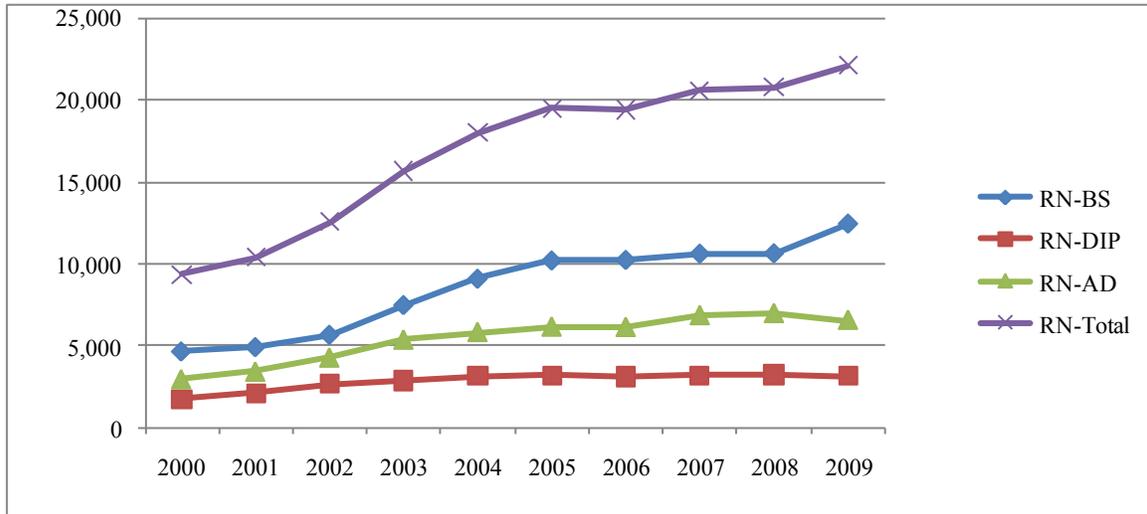
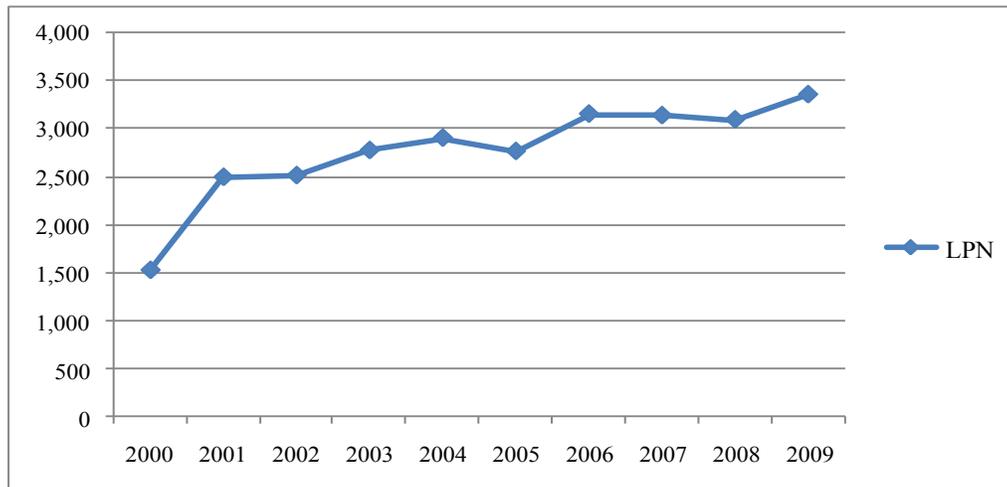


Figure 3
Pennsylvania PN Education Program Enrollments, 2000-2009



2. Trends Relating To Nursing Education Program Student Enrollment and Faculty (cont.)

- In 2009, RN-BS and RN-AD programs had fewer full-time faculty than part-time and contracted (per diem) faculty combined (Table 4).
- Full-time faculty sizes increased each year for RN programs from 2003-2008. This trend reversed in 2009 as all RN programs had fewer full-time faculty in 2009 than in 2008 (Table 4).
- Since 2003, the number of newly hired part-time nursing education faculty has significantly exceeded those hired as full-time with the exception of RN-DIP programs (Table 4).
- Based on the student/faculty ratio calculations outlined in Table 5, the number of new faculty required to service 1,000 additional students in each program type is as follows:

RN-BS – 94
RN-DIP – 112
RN-AD – 114
PN – 118

- In all programs, full-time faculty were expected to spend the greatest amount of time engaged in clinical education tasks in 2009 (Table 6).
- At least 95 percent of all programs engage full-time faculty in training or professional development programs (Table 7).
- Supervising clinical education is the main reason nursing education programs hire part-time and contracted faculty. All RN-BS programs report hiring part-time and contracted faculty to supervise clinical education, while 96 percent of PN and RN-AD and 91 percent of RN-DIP programs reported doing so (Table 8).

* Please consider the following when reviewing the faculty data: Overall faculty numbers vary each year based on the timing of resignations and new hires. Some nurse education programs count faculty that may only teach one course as a part-time faculty member. Part-time faculty may also be working either part-time/contracted for several different nurse education programs.

Table 4
Nursing Program Faculty Size and Changes, Pennsylvania, 2003-2009

Program Type	Year	Total Faculty				Newly Hired			Left Employment			Turnover Rate**		
		Full-Time	Part-Time	Contracted (per diem)	FT/PT* Ratio	Full-Time	Part-Time	Contracted (per diem)	Full-Time	Part-Time	Contracted (per diem)	Full-Time	Part-Time	Contracted (per diem)
RN-BS	2003	515	462	N/A	1.1:1	63	277	N/A	37	51	N/A	7%	11%	N/A
	2004	556	508	N/A	1.1:1	93	166	N/A	48	95	N/A	9%	19%	N/A
	2005	597	630	N/A	0.9:1	101	251	N/A	60	92	N/A	10%	15%	N/A
	2006	659	372	547	0.7:1	101	158	171	34	39	84	5%	10%	15%
	2007	730	521	541	0.7:1	100	214	N/A	54	106	N/A	7%	20%	N/A
	2008	773	389	682	0.7:1	80	162	176	72	92	195	9%	24%	29%
	2009	747	446	621	0.7:1	78	197	221	54	109	135	7%	24%	22%
RN-DIP	2003	252	83	N/A	3.0:1	54	35	N/A	32	10	N/A	13%	12%	N/A
	2004	270	92	N/A	2.9:1	51	36	N/A	33	22	N/A	12%	24%	N/A
	2005	275	106	N/A	2.6:1	63	41	N/A	41	20	N/A	15%	19%	N/A
	2006	292	74	15	3.3:1	35	27	9	30	16	8	10%	22%	53%
	2007	302	53	49	3.0:1	48	18	N/A	42	19	N/A	14%	36%	N/A
	2008	308	51	46	3.2:1	38	19	14	28	13	13	9%	25%	28%
	2009	301	65	35	3.0:1	27	15	16	34	17	8	11%	26%	23%
RN-AD	2003	268	381	N/A	0.7:1	53	214	N/A	19	78	N/A	7%	20%	N/A
	2004	317	477	N/A	0.7:1	63	214	N/A	19	77	N/A	6%	16%	N/A
	2005	317	487	N/A	0.7:1	38	172	N/A	28	75	N/A	9%	15%	N/A
	2006	341	320	192	0.7:1	27	102	85	16	65	44	5%	20%	23%
	2007	353	292	370	0.5:1	45	219	N/A	32	99	N/A	9%	34%	N/A
	2008	373	291	357	0.6:1	43	160	134	27	81	97	7%	28%	27%
	2009	370	348	426	0.5:1	27	126	130	28	91	145	7%	26%	34%
PN	2003	202	342	N/A	0.6:1	38	160	N/A	22	47	N/A	11%	15%	N/A
	2004	211	360	N/A	0.6:1	25	133	N/A	13	50	N/A	6%	14%	N/A
	2005	236	372	N/A	0.6:1	33	137	N/A	24	46	N/A	10%	12%	N/A
	2006	190	137	153	0.7:1	39	53	70	31	30	13	16%	22%	8%
	2007	217	141	267	0.5:1	49	123	N/A	26	38	N/A	12%	27%	N/A
	2008	216	165	264	0.5:1	25	49	83	28	36	49	13%	22%	19%
	2009	225	199	262	0.5:1	32	60	53	27	39	69	12%	20%	26%

* FT=Full-time faculty; PT=Part-time faculty; FT/PT Ratio = FT faculty / PT faculty + contracted faculty.

** Turnover Rate = Faculty who left employment divided by total faculty x 100.

Table 5
Additional Faculty Required to Serve 1,000 Additional Students
Based on 2009 Student-Faculty Weighted Ratios*

Program Type	Full-Time Students	Part-Time Students	Full-Time Faculty	Part-Time Faculty	Contracted Faculty	Student/Faculty Ratio	New Faculty Required
RN-BS	10,172	2,270	747	446	621	10.6:1	94
RN-DIP	2,783	350	301	65	35	8.8:1	112
RN-AD	4,537	1,998	370	348	426	8.9:1	114
PN	2,717	636	225	199	262	8.5:1	118

* In calculating the weighted student faculty ratio, part-time students and part-time faculty are both weighed as 0.25 x full-time student or faculty. In some cases, a breakdown of full- and part-time students and faculty was not available from every program. Where this occurred, those programs were not included in the calculation of the weighted student faculty ratio. Refer to Table 3. The Student/Faculty Ratio is calculated by dividing the weighted number of students by the weighted number of faculty members; S(weighted)/F(weighted)=R. The number of new faculty is determined by solving this equation using 1000 additional students; F(new)=1000/R.

Table 6
Average Percentage of Time Full-Time Faculty Perform Certain Role Responsibilities, 2009

	Total Programs Responding	Didactic Lessons	Clinical Education	Scholarship	Service	Other
RN-BS	36	33.9	35.3	15.0	11.1	4.7
RN-DIP	22	31.4	46.5	8.3	5.5	8.3
RN-AD	27	33.5	48.1	8.1	7.7	6.2
PN	55	41.9	48.2	3.7	3.6	2.6

Table 7
Percentage of Faculty Engaged in Professional Training Programs, 2009

	Total Programs Responding	Full-Time	Part-Time	Contracted
RN-BS	36	35 (97%)	22 (61%)	16 (44%)
RN-DIP	22	21 (95%)	21 (95%)	13 (59%)
RN-AD	27	27 (100%)	18 (67%)	12 (44%)
PN	55	52 (95%)	41 (75%)	24 (44%)

Table 8
Reasons Nursing Education Programs Hire Part-Time and Contracted Faculty, 2009

	Total Programs Responding	Teach Didactic Lessons	Supervise Clinical Education	Other
RN-BS	36	25 (69%)	36 (100%)	9 (25%)
RN-DIP	22	6 (27%)	20 (91%)	4 (18%)
RN-AD	27	13 (48%)	26 (96%)	12 (44%)
PN	55	37 (67%)	53 (96%)	18 (33%)

Note: 8 RN-BS, 12 RN-AD and 9 PN programs indicated that supervising and/or instructing labs was another reason their programs hire part-time or contracted faculty.

- For all nursing education programs, the majority of full-time faculty tend to fall in the 46-50 and 51-55 age groups. The majority of part-time faculty in RN-AD and PN programs tend to fall in the 41-45 and 46-50 age groups.
- The highest percentages of part-time/contracted faculty at RN-BS programs are found in the 36-40 and 41-45 age groups. The highest percentages of part-time/contracted faculty at RN-DIP programs are found in the 36-40 and 51-55 age groups (Table 9).
- Within the next three years, 6.6 percent of RN-BS, 9.2 percent of RN-DIP, 8.5 percent of RN-AD, and 11.6 percent of PN faculty anticipate retiring (Table 10).

**Table 9
Average Age of Faculty for Current Academic Year, 2009**

Age	RN-BS				RN-DIP				RN-AD				PN			
	Full-Time		Part-Time/ Contracted		Full-Time		Part-Time/ Contracted		Full-Time		Part-Time/ Contracted		Full-Time		Part-Time/ Contracted	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
31-35	0	0.0%	2	5.7%	0	0.0%	2	11.1%	0	0.0%	1	3.7%	1	1.9%	1	2.0%
36-40	0	0.0%	10	28.6%	0	0.0%	4	22.2%	0	0.0%	4	14.8%	3	5.6%	7	14.0%
41-45	2	5.6%	13	37.1%	2	9.5%	4	21.1%	0	0.0%	6	23.1%	10	18.5%	12	24.0%
46-50	13	36.1%	7	20.0%	8	36.4%	2	11.1%	9	34.6%	11	40.7%	18	33.3%	20	40.0%
51-55	18	50.0%	2	5.7%	10	47.6%	5	27.8%	14	51.4%	3	11.1%	14	25.9%	6	12.0%
56-60	3	8.3%	1	2.9%	2	9.5%	2	11.1%	3	11.1%	0	0.0%	3	5.6%	3	6.0%
61-65	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4	7.4%	1	2.0%
65+	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	3.7%	1	1.9%	0	0.0%
Total	36		35		21		18		27		2		54		50	

Note: Percentages may not equal 100% due to rounding.

**Table 10
Anticipated Faculty Retirement**

Program	Total Faculty [^]	0-3 Years		4-6 Years		7-10 Years	
		#	%	#	%	#	%
RN-BS	747	49	6.6%	84	11.2%	106	14.2%
RN-DIP	284	26	9.2%	28	9.9%	46	16.2%
RN-AD	387	33	8.5%	43	11.1%	86	22.2%
PN	225	26	11.6%	30	13.3%	54	24.0%

[^]Represents total full-time faculty.

- Of those faculty who were reported as being fluent in another language, most (41 out of 110) were cited as being fluent in Spanish (Table 11).
- Among students enrolled in RN programs who speak other languages fluently, 230 indicated they speak Spanish, 107 indicated they speak Chinese and 95 speak Russian. Among PN students who are fluent in a second language, 51 are fluent in Spanish, 24 in French and 20 in Russian (Table 12).
- Out of 140 programs, 109 indicated that less than 10 percent of their student population speaks English as a secondary language. Fifteen programs indicated that 11-20 percent of their student population speak English as a secondary language. Two programs indicated that 21-30 percent of their student population speak English as a secondary language, and three programs indicated that less than 50 percent of their student population speak English as a second language.

Table 11
Number of Faculty Who Speak Other Languages Fluently, 2009

	Spanish	Italian	German	French	Russian	Chinese	Vietnamese	Other
RN-BS	21	6	3	4	1	6	0	12
RN-DIP	5	1	0	1	1	0	0	5
RN-AD	13	2	1	1	1	0	1	6
Total RN	39	9	4	6	3	6	1	23
PN	9	1	1	0	0	1	0	7

Note: 17 RN-BS, 17 RN-DIP, 17 RN-AD, and 43 PN programs did not report faculty who speak other languages fluently.

Table 12
Number of Students Who Speak Other Languages Fluently, 2009

	Spanish	Italian	German	French	Russian	Chinese	Vietnamese	Other
RN-BS	116	15	8	17	49	64	39	80
RN-DIP	34	3	2	4	12	2	6	18
RN-AD	80	6	9	15	34	41	25	27
Total RN	230	24	19	36	95	107	70	125
PN	51	1	1	24	20	7	3	58

Note: 13 RN-BS, 7 RN-DIP, 12 RN-AD, and 25 PN programs did not report students who speak other languages fluently.

**QUALIFICATIONS OF
NURSING PROGRAM FACULTY**

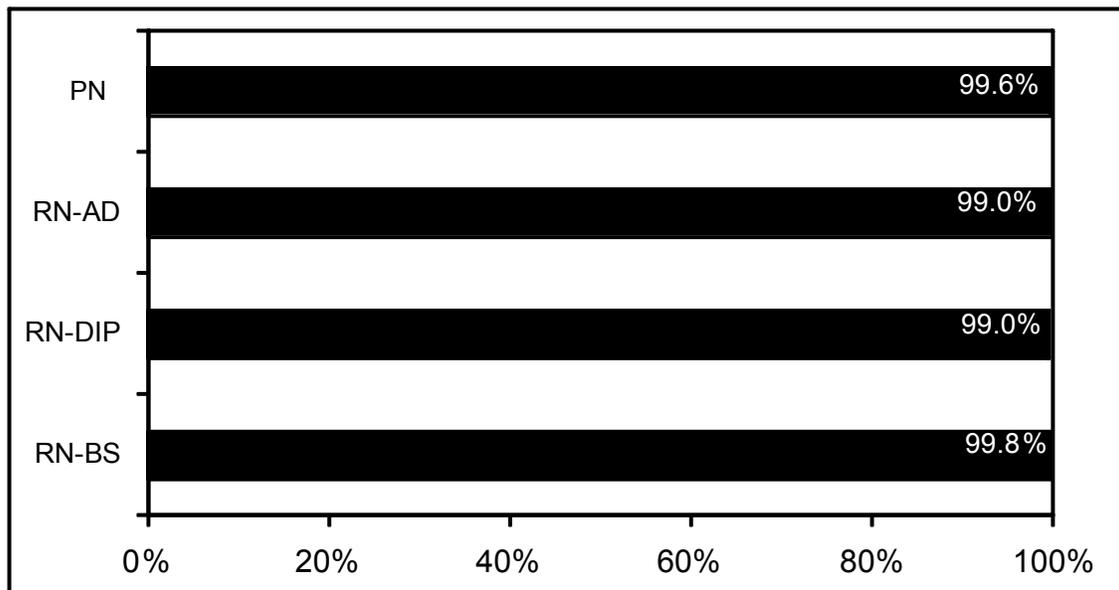
3. Qualifications of Nursing Program Faculty

Under PA Code Title 49 Chapter 21 (21.71(c)(1-2)), RN faculty can be hired with a minimum requirement of a bachelor's degree in nursing to work as an assistant for a maximum of five cumulative years under the direct guidance of a fully qualified faculty member. During these five years, the assistant shall give evidence of actively pursuing a masters degree in nursing.⁵

Under PA Code Title 49 Chapter 21 (21.192), PN faculty can be hired with a baccalaureate degree, preferably in nursing.

- Of the 3,359 RN faculty members in Pennsylvania in 2009, 3,340 (99.4 percent) meet the faculty requirement or are working towards completing that requirement within five years (Figure 4).
- Of the 686 PN faculty members in Pennsylvania in 2009, 683 (99.6 percent) meet the faculty requirement or are working towards completing that requirement (Figure 4).
- Overall, the percentages of part-time faculty with required degrees were slightly lower than those of full-time faculty with required degrees for all RN and PN programs (Table 13).

Figure 4
Percentage of Faculty That Meet Requirement for Employment in a Pre-Licensure Nursing Education Program, Pennsylvania, 2009



Note: 0.2% of BSN, 1.0% of RN-DIP, 1.0% of RN-AD, and 0.4% of PN programs had faculty that did not meet the minimum or maximum requirements for employment.

Table 13
Nursing Education Program Numbers and Percentages of Faculty with Required Degrees*,
Pennsylvania, 2001-2009

Program Type	Year	Full-Time Faculty			Part-Time/Contracted Faculty			Total Faculty		
		Total	With Required Degree*	% of Faculty with Degree	Total	With Required Degree*	% of Faculty with Degree	Total	With Required Degree*	% of Faculty with Degree
RN-BS	2001	517	508	98.30%	300	279	93.00%	817	787	96.30%
	2002	518	496	95.80%	327	279	85.30%	845	775	91.70%
	2003	515	513	99.60%	462	389	84.20%	977	902	92.30%
	2004	556	554	99.60%	508	408	80.30%	1,064	962	90.40%
	2005	597	592	99.20%	630	497	78.90%	1,227	1,089	88.80%
	2006	659	654	99.20%	919	389	42.30%	1,578	1,043	66.10%
	2007	730	689	94.40%	1,062	808	76.10%	1,792	1,497	83.50%
	2008	773	726	93.90%	1,071	849	79.30%	1,844	1,575	85.40%
	2009	747	744	99.60%	1,067	1,003	94.00%	1,814	1,747	96.31%
RN-DIP	2001	211	189	89.60%	44	37	84.10%	255	226	88.60%
	2002	234	218	93.20%	61	44	72.10%	295	262	88.80%
	2003	252	225	89.30%	83	56	67.50%	335	281	83.90%
	2004	270	227	84.10%	92	61	66.30%	362	288	79.60%
	2005	275	224	81.50%	106	70	66.00%	381	294	77.20%
	2006	292	251	86.00%	89	45	50.60%	381	296	77.70%
	2007	302	267	88.40%	102	61	59.80%	404	328	81.20%
	2008	308	278	90.30%	97	49	50.50%	405	385	96.01%
	2009	301	280	93.02%	100	86	86.00%	401	354	88.28%
RN-AD	2001	228	224	98.20%	242	144	59.50%	470	368	78.30%
	2002	236	231	97.90%	351	181	51.60%	587	412	70.20%
	2003	268	257	95.90%	381	171	44.90%	649	428	65.90%
	2004	317	303	95.60%	477	197	41.30%	794	500	63.00%
	2005	317	299	94.30%	487	211	43.30%	804	510	63.40%
	2006	341	329	96.50%	512	236	46.10%	853	565	66.20%
	2007	353	337	95.50%	662	338	51.10%	1,015	675	66.50%
	2008	373	362	97.10%	648	348	53.70%	1,021	710	69.50%
	2009	370	368	99.46%	774	679	87.73%	1,144	1,047	91.52%
PN	2001	165	163	98.80%	185	133	71.90%	350	296	84.60%
	2002	142	134	94.40%	174	140	80.50%	316	274	86.70%
	2003	202	195	96.50%	342	283	82.70%	544	478	87.90%
	2004	211	207	98.10%	360	313	86.90%	571	520	91.10%
	2005	236	227	96.20%	372	329	88.40%	608	556	91.40%
	2006	190	180	94.70%	290	266	91.70%	480	446	92.90%
	2007	217	209	96.30%	408	370	90.70%	625	579	92.60%
	2008	216	210	97.20%	429	382	89.00%	645	592	91.80%
	2009	225	225	100.00%	461	441	95.66%	686	666	97.08%

Note: Regulation allows achievement of required degree within 5 years.

* Required degree refers to Master or Doctoral level degree for RN programs, and to a Bachelor's degree or higher for PN programs.

**NURSING EDUCATION
PROGRAM APPLICANTS**

4. Nursing Education Program Applicants

- Of those qualified for admission to their nursing education programs, 43.7 percent were RN applicants and 57.8 percent were PN applicants (Table 14).
- Less than half of all applicants to RN programs qualified. RN-DIP programs reported the lowest levels of qualified applicants (Table 14).
- RN and PN programs reported a variety of reasons for not accepting all of their qualified applicants. RN-BS, RN-DIP and PN programs most often cited maximum physical capacity as the reason the program was unable to admit all qualified applicants. RN-AD programs cited being at maximum clinical site capacity as the most common reason for not admitting all qualified applicants (Table 15).
- Although a significant obstacle, maximum faculty capacity was generally cited least often as a reason for not accepting all qualified applicants (Table 15).
- Of the total programs with vacant seats in 2009, 27.1 percent were in RN programs (RN-BS, RN-DIP and RN-AD) and 43.6 percent were in PN programs (Table 16).

Table 14
Applicants to Nursing Education Programs, 2008-2009

	Total Applicants	Qualified Applicants	Percent Qualified	Number and Percentage of Qualified Applicants Admitted to This Class (Most Recent)
RN-BS	22,638	9,903	43.7%	6,234 or 63.0%
RN-DIP	6,293	2,397	38.1%	1,646 or 68.7%
RN-AD	13,341	6,152	46.1%	3,724 or 60.5%
RN Total	42,272	18,452	43.7%	11,604 or 62.9%
PN	7,655	4,425	57.8%	3,208 or 72.5%

Table 15
Reasons the Education Programs Were Unable to Admit All of Their Qualified Applicants, 2008-2009

	Total Programs Responding	At Maximum Physical Capacity	At Maximum Faculty Capacity	At Maximum Clinical Site Capacity	Other
RN-BS	26	20 (76.9%)	15 (57.7%)	17 (65.4%)	10 (38.5%)
RN-DIP	17	11 (64.7%)	9 (52.9%)	7 (41.2%)	4 (23.5%)
RN-AD	22	17 (77.3%)	16 (72.7%)	18 (81.8%)	3 (13.6%)
PN	33	22 (66.7%)	14 (42.4%)	19 (57.6%)	13 (39.4%)

**NURSING EDUCATION
PROGRAM GRADUATES**

5. Nursing Education Program Graduates

- Nearly 90 percent of nursing school graduates were female across all nursing program types (Table 17).
- Graduates who were black comprised 15.9 percent of the PN program graduates, 9.1 percent of RN-DIP program graduates, 7.0 percent of RN-AD program graduates and 6.7 percent of the RN-BS program graduates (Table 18).
- The total number of RN nursing program graduates has increased steadily from 3,434 in 1999 to 7,338 in 2009. The number of PN program graduates increased from 1,313 in 1999 to 2,347 in 2006, fell to 2,106 in 2007, increased slightly to 2,233 in 2008 and fell to 2,191 in 2009 (Table 19A, Figure 6).
- In 2009, RN-BS programs graduated 141 more students than anticipated. RN-DIP programs graduated 8 fewer students; RN-AD programs graduated 217 fewer students, and LPN programs graduated 300 fewer students than anticipated.
- The replacement rate of all RN programs reached a high of 2.14:1 in 2003. This rate then fell to 1.35:1 in 2005, increased to 1.52:1 in 2006 and fell to 1.49:1 in 2007. The replacement rate of all RN programs increased to 1.58:1 in 2008 (Table 19B).
- The replacement rate of all PN programs increased to 1.63:1 in 2001 and decreased until 2006 when it rose to 1.45:1. This rate fell to 1.32:1 in 2007 and increased to 1.46:1 in 2008 (Table 19B).

Table 17
Gender of Graduates for Current Academic Year, 2009

	RN-BS	RN-DIP	RN-AD	PN
	Percent of Program	Percent of Program	Percent of Program	Percent of Program
Male	11.6%	13.6%	12.6%	12.6%
Female	88.4%	86.4%	87.4%	87.3%
Total	100.0%	100.0%	100.0%	100.0%

Note: 4 RN-BS, 1 RN-DIP, 2 RN-AD and 5 LPN programs did not answer this question.

Table 18
Race/Ethnicity of Graduates for Current Academic Year, 2009

	RN-BS	RN-DIP	RN-AD	PN
	Percent of Program	Percent of Program	Percent of Program	Percent of Program
American Indian/ Alaskan Native	0.2%	0.1%	0.1%	0.2%
Asian	3.6%	1.3%	1.6%	1.7%
Native Hawaiian-Pacific Islander	0.1%	0.4%	0.8%	0.2%
Black	6.7%	9.1%	7.0%	15.9%
Hispanic	2.1%	2.5%	1.6%	1.4%
White	80.3%	86.3%	87.0%	79.9%
Other/Unknown	7.0%	6.6%	2.0%	0.6%
Total**	100%	100%	100%	100%

Note: 7 RN-BS, 6 RN-DIP, 4 RN-AD and 7 PN programs did not answer this question.

* Nursing programs were asked to indicate the racial/ethnic distribution of graduates by giving a percentage for race/ethnicity. The sum of the percentages of the racial/ethnic distribution was to equal 100% for each program.

** Percentages may not equal 100% due to rounding.

Table 19A
Nursing Education Program Graduates, Pennsylvania, 1999-2009

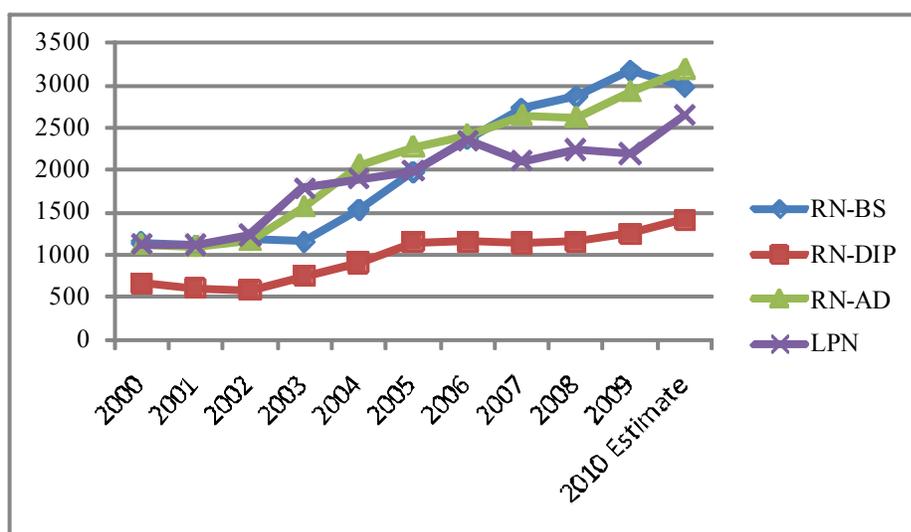
Program	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 Estimate
RN-BS	1,464	1,147	1,115	1,190	1,158	1,538	1,983	2,368	2,731	2,870	3,170	2,981
RN-DIP	780	660	606	588	747	909	1,146	1,158	1,138	1,153	1,251	1,416
RN-AD	1,190	1,111	1,098	1,161	1,559	2,050	2,272	2,411	2,637	2,620	2,917	3,187
RN-Total	3,434	2,918	2,819	2,939	3,464	4,497	5,401	5,937	6,506	6,643	7,338	7,584
PN	1,313	1,121	1,116	1,236	1,790	1,894	1,993	2,347	2,106	2,233	2,191	2,642

Table 19B
Replacement Rate: Ratio* of New Admissions to Graduates, Pennsylvania 1997-2008

Program	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
RN-BS	0.62:1	0.64:1	0.77:1	1.07:1	1.13:1	1.31:1	2.47:1	1.92:1	1.44:1	1.56:1	1.48:1	1.97:1
RN-DIP	0.66:1	0.84:1	1.20:1	1.33:1	1.43:1	1.96:1	2.05:1	1.61:1	1.22:1	1.58:1	1.59:1	1.32:1
RN-ADN	0.84:1	1.05:1	1.16:1	1.20:1	1.40:1	1.55:1	1.94:1	1.49:1	1.33:1	1.46:1	1.46:1	1.27:1
RN Total	0.71:1	0.82:1	1.01:1	1.17:1	1.30:1	1.53:1	2.14:1	1.66:1	1.35:1	1.52:1	1.49:1	1.58:1
PN-CCH	1.19:1	1.44:1	1.43:1	3.51:1	2.69:1	3.28:1	2.14:1	1.63:1	1.46:1	1.66:1	1.49:1	1.53:1
PN-Vo-Tech	0.74:1	0.76:1	0.83:1	1.20:1	1.43:1	1.32:1	0.90:1	0.84:1	0.89:1	1.28:1	1.26:1	1.45:1
PN Total	0.82:1	0.85:1	0.92:1	1.45:1	1.63:1	1.61:1	1.09:1	1.01:1	0.87:1	1.45:1	1.32:1	1.46:1

* Ratio = Number of Admissions in Given Year/Number of Graduates in Previous Year.

Figure 6
Trends in Nursing School Graduates by Program Type, Pennsylvania, 2000-2009, and 2010 Estimate



STUDENT ATTRITION

6. Student Attrition

While many students who are admitted to nursing education programs successfully complete the programs, some do not. When students leave a program before graduation, it is known as attrition.

At the request of the Department of Health, the Department of State initiated the collection of attrition data on the Nursing Program Annual Reports in 2001. Every nursing program is asked to provide attrition numbers for each graduating class. Table 20 shows the number of program responses in the four nursing program categories, and Table 21 shows the attrition data provided by these programs. The percentages in Table 21 indicate the total attrition rate for the classes of that specific year. Table 22 shows the reasons for students leaving a program and the percentages for each reason and program type.

Table 20
Number of Nursing Education Program Responses on Attrition by Year of Admissions, Pennsylvania, 2000-2009

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
RN-BS	27	27	28	29	30	33	35	35	35	36
RN-DIP	22	22	22	23	22	22	22	22	22	22
RN-AD	18	20	17	17	21	24	25	27	27	27
PN	37	40	40	40	47	45	50	53	52	52

- The attrition rates decreased for all RN programs in 2009. RN-BS programs maintained the lowest attrition rates among the three types of RN programs (Table 21, Figure 7).
- Fifty-four percent of all attrition was due to academic failure. The rate of attrition for academic failure in RN-AD programs (74 percent) was higher than all other programs (Table 22).
- Change in career goals/career was the second most commonly cited reason for student attrition. RN-DIP programs reported higher rates of attrition due to change in career goals/career (15 percent) than any of the other program types (Table 22).
- Twenty-one percent of all students who left nursing education programs were later re-admitted (Table 23).
- RN-DIP and RN-AD programs saw a slight increase in the rate of re-admissions in 2009. The rate of re-admissions decreased slightly among PN programs and remained unchanged among RN-BS programs in 2009 (Table 23).

Table 21
Nursing Education Program Student Attrition Rate, Pennsylvania, 2003-2009

	2003	2004*	2005*	2006	2007*	2008*	2009*
RN-BS	234 (16%)	378 (20%)	246 (22%)	352 (12%)	496 (19%)	580 (18%)	860 (11%)
RN-DIP	425 (37%)	566 (39%)	351 (41%)	446 (30%)	438 (28%)	409 (27%)	370 (23%)
RN-AD	481 (30%)	653 (28%)	451 (37%)	702 (23%)	901 (26%)	1,026 (29%)	1,023 (27%)
RN Total	1,140 (27%)	1,597 (28%)	1,048 (33%)	1,500 (20%)	1,835 (24%)	2,015 (24%)	2,253 (17%)
PN	507 (25%)	640 (25%)	559 (35%)	577 (30%)	816 (26%)	898 (28%)	828 (29%)
All Programs	1,647 (27%)	2,237 (27%)	1,607 (33%)	2,077 (19%)	2,651 (24%)	2,913 (25%)	3,081 (19%)

* For report years 2004 through 2009, only those respective classes were used to calculate attrition.

Table 22
Nursing Education Program Reasons for Student Attrition
By Responding Programs, Pennsylvania, 2009

	RN-BS	RN-DIP	RN-AD	PN	Combined
Academic Failure	31%	59%	74%	51%	54%
Financial	3%	6%	6%	7%	7%
Change in Career Goals/Career	13%	15%	6%	10%	11%
Health	6%	4%	4%	9%	7%
Relocation	4%	1%	1%	1%	1%
Other	43%	14%	9%	22%	19%

Table 23
Numbers and Percentages of Re-Admissions to Nursing Education Programs,
Pennsylvania, 2003-2009

	2003	2004	2005	2006	2007	2008	2009
RN-BS	36 (17%)	51 (13%)	69 (10%)	98 (20%)	69 (10%)	70 (12%)	100 (12%)
RN-DIP	130 (40%)	122 (23%)	106 (24%)	131 (30%)	106 (24%)	82 (20%)	79 (21%)
RN-AD	123 (27%)	206 (32%)	251 (28%)	348 (39%)	251 (28%)	297 (29%)	366 (36%)
RN Total	289 (29%)	379 (18%)	426 (21%)	577 (31%)	426 (21%)	449 (22%)	545 (24%)
PN	94 (19%)	104 (16%)	122 (17%)	128 (16%)	122 (17%)	151 (17%)	112 (14%)
All Programs	383 (26%)	483 (17%)	548 (20%)	705 (27%)	548 (20%)	600 (21%)	657 (21%)

Note: Percentage of Re-Admissions=Number of Students Re-Admitted / Number of Students Who Left Before Graduation.

Figure 7
Nurse Education Program Attrition Rate
by Program Type, Pennsylvania, 2001-2009

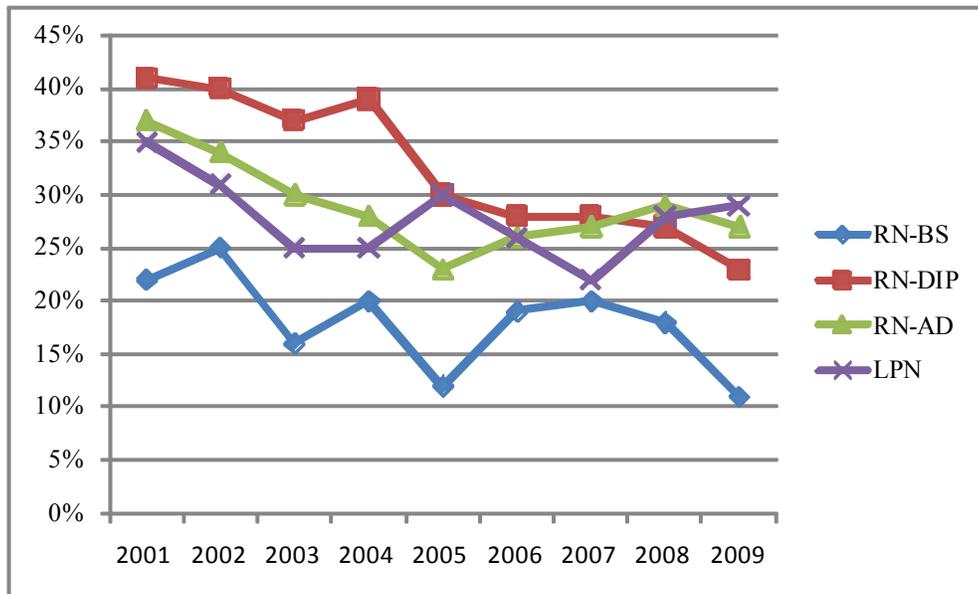
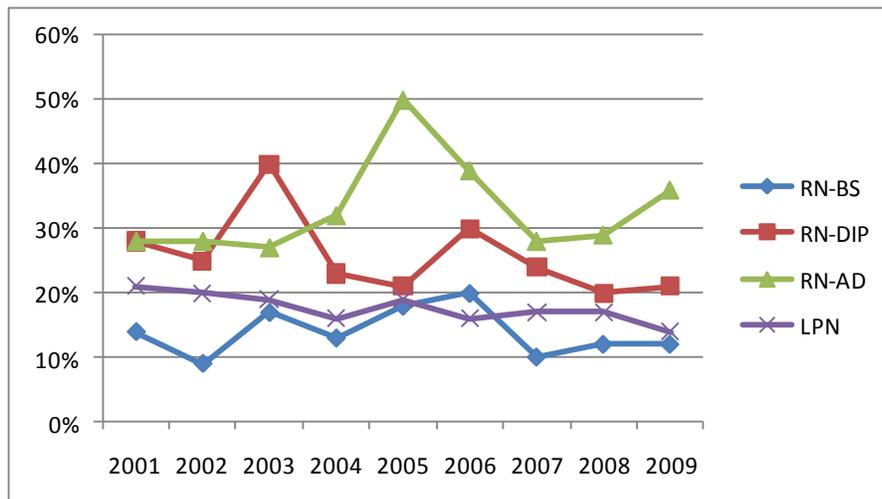


Figure 8
Percent of Students Re-Admitted to Nurse Education Programs by Program Type
and Class Year, Pennsylvania, 2001-2009



CURRICULUM PROGRAMMING

7. Curriculum Programming

The Pennsylvania Code, Title 49, Professional & Vocational Standards, requires nursing education programs to establish agreements with clinical agencies approved by state and/or national bodies, if such exist to meet curriculum objectives.⁶ In order for their nursing students to gain clinical experiences, nursing education programs establish cooperative agreements with health care providers or facilities. These agreements are intended to ensure students receive a variety of high-quality, planned learning experiences.

Clinical practice placements are an integral part of nursing education. For that reason, along with the questions regarding student attrition, the Department of Health requested the Department of State to include questions on clinical practice placements in the Nursing Program Annual Reports. Starting in 2003, the Nursing Education Program Annual Report asked the following questions regarding the clinical placement practice:

- ◆ *Has the program experienced any difficulty in obtaining clinical sites for student experience?*
- ◆ *If “yes,” for which areas of clinical practice has your program experienced the most difficulty?*
- ◆ *What do you believe to be the factor(s) contributing to difficulty in obtaining clinical sites for student learning experiences? Please rank your responses from 1 to 5, with 1 being the most significant contributing factor.*

The following results were drawn from the responses to these questions.

- Difficulty obtaining clinical sites for student experience was indicated by 96 percent of RN-AD, 86 percent of RN-BS programs, 45 percent of RN-DIP programs and 89 percent of PN programs (Table 24).
- Programs reported the highest levels of difficulty obtaining clinical sites for pediatric and obstetrics experiences (Table 24).
- Use of the facility by another nursing program was rated the most significant factor contributing to difficulty in obtaining clinical sites for RN-BS, RN-AD and PN programs. RN-DIP programs reported decreased census as the most significant factor contributing to difficulty in obtaining clinical sites (Table 25).

Table 24
Number, Percentage and Level of Difficulty of Nursing Education Programs That Indicated Difficulty in Obtaining Clinical Sites for Student Experience by Areas of Clinical Practice, Pennsylvania, 2009

	Total Number of Programs with Difficulty		Obstetrics			Pediatrics			Psychiatry			Medical-Surgical			Critical Care			Other		
	#	%	#	%	LD	#	%	LD	#	%	LD	#	%	LD	#	%	LD	#	%	LD
RN-BS	31	86%	28	90%	2.5	30	97%	1.9	25	81%	3.2	22	71%	4.1	19	61%	3.7	15	48%	3.5
RN-DIP	10	45%	8	80%	2.3	10	100%	1.7	7	70%	3.0	2	20%	4.0	3	30%	4.3	3	30%	4.7
RN-AD	26	96%	19	73%	2.2	24	92%	1.3	19	73%	2.9	16	62%	3.8	14	54%	4.1	0	0%	n/a
PN	49	89%	44	90%	2.0	48	98%	1.8	30	61%	3.0	36	73%	3.6	15	31%	3.9	4	8%	4.5

LD = Average level of difficulty experienced in obtaining clinical sites on a scale of 1 to 5 (1=area of most difficulty).

Table 25
Relative Weight of Factors Assigned by Nursing Schools Contributing to the Difficulty in Obtaining Clinical Sites by Program Type, Pennsylvania, 2009

	Decreased Length of Stay	Decreased Census	Other Nursing Program Using Facility	Distance to Facility	Other
RN-BS	2.85	2.48	1.30	3.57	3.40
RN-DIP	2.56	1.88	2.10	3.86	2.00
RN-AD	2.84	2.23	1.57	3.58	2.40
PN	2.97	2.45	1.42	3.77	2.00

Note: Factors were rated on a scale of 1 to 5 (1 = "Area of most difficulty").

Table 26
RN Education Programs Average Credit Requirement by Program, Pennsylvania, 2009

	Programs Providing Data	Nursing Credits	Non-Nursing Credits	Credits to Graduate
RN-BS	36 programs	59.0	63.0	122.1
RN-DIP*	22 programs	65.1	29.3	94.4
RN-AD	27 programs	37.8	31.3	69.0

* Academic institutions, such as colleges and universities, use credits to measure academic study. For example, a three-credit theory course usually indicates that the class will meet approximately three hours a week for a specified period of time over an academic term. Because RN diploma programs are hospital-based, rather than college/university-based, the credit value assigned to the nursing courses is more appropriately called a credit equivalency. Nursing credit for RN-DIP equals credit equivalency assigned to nursing courses for grading and/or financial aid purposes only. This does not apply to the non-nursing support courses in RN diploma programs because they are typically college/university-based courses measured in standard credits.

Table 27-A
PN Vocational and Hospital Programs Average Curriculum Hour Requirement, Pennsylvania, 2009

Programs which provided data	Theory Hours	Clinical Hours	Hours to Graduate
43 vocational programs	726.2	840.6	1,566.8
1 hospital program	600.0	900.0	1,500

Note: The recommended ratio of theory to clinical hours is 40:60.

Table 27-B
PN Community College Programs Average Curriculum Hour Requirement, Pennsylvania, 2009

Programs which provided data	Theory Hours	Clinical Hours	Hours to Graduate
11 community college programs	640.9	899.7	1,540.6

Note: The recommended ratio of theory to clinical hours is 40:60.

COURSE OPTIONS

8. Course Options

The Nursing Education Program Annual Report includes questions on nursing education curriculum. This information is recorded and maintained as a public resource in the nurse board office.

The Report asks if the programs provide the following part-time, full-time and second degree offerings:

- √ *Full-time program with traditional daytime scheduling*
- √ *Designated part-time program with traditional daytime scheduling*
- √ *Designated part-time program with alternative scheduling, e.g. evening/ weekend classes and clinical experience*
- √ *Nursing program offered at more than one site, e.g. satellite campus*
- √ *Second Degree program option*

The following results were drawn from the responses to questions regarding degree offerings:

- RN-DIP programs offer fewer part-time options than RN-BS and RN-AD programs offer (Table 28).
- RN-BS and RN-DIP programs decreased the number of times per year students were admitted into full-time programs between 2008 and 2009, while RN-AD and PN programs increased the number of times per year students were admitted into full-time programs during the same time period. RN-BS programs increased the number of times per year students were admitted into part-time programs, while RN-AD and PN programs decreased the number of time students were admitted into part-time programs between 2008 and 2009 (Table 28).

The Report also asks if the programs provide the following continuing education options:

- √ *RN/LPN Refresher course*
- √ *RN/LPN Pharmacology course*
- √ *RN/LPN Intravenous Therapy course*
- √ *RN/PN Licensure Examination Review courses*

Note: The term “continuing education” for the purpose of the annual report is not defined in the same manner as stated in the Pennsylvania Professional Nursing Regulations, Sections 21.131-21.134.

- RN-AD programs offer significantly more refresher and RN IV Therapy courses than either of the other RN programs. RN-BS programs are most likely to offer pharmacology and licensure review courses (Table 29).

Table 28
Number of Full-Time and-Part Time Classes per Program Type Admitted Each Year,
by Program, Pennsylvania, 2004-2009

Year	Program	Number of Full-Time Programs ¹	Number of Part-Time Traditional Programs ²	Number of Part-Time Alternative Programs ³	Total Number of Full-Time Classes Admitted ⁴	Total Number of Part-Time Classes Admitted ⁵
2004	RN-BS	33	9	7	33	9
	RN-DIP	23	4	7	21	5
	RN-AD	24	5	7	25	8
	PN	43	6	11	43	14
2005	RN-BS	33	9	7	36	8
	RN-DIP	21	3	5	15	2
	RN-AD	25	7	11	25	12
	PN	47	5	11	42	11
2006	RN-BS	35	9	8	36	5
	RN-DIP	21	3	4	21	3
	RN-AD	27	7	9	28	6
	PN	44	6	10	47	13
2007	RN-BS	35	10	6	54	36
	RN-DIP	21	3	3	25	7
	RN-AD	27	10	12	34	16
	PN	46	4	11	74	14
2008	RN-BS	35	9	7	51	22
	RN-DIP	21	3	3	24	5
	RN-AD	27	10	12	34	12
	PN	49	5	13	78	56
2009	RN-BS	36	10	7	49	28
	RN-DIP	21	3	3	23	5
	RN-AD	27	9	12	37	10
	PN	51	5	12	80	20

¹ Full-Time Programs with traditional daytime scheduling.

² Part-Time Programs with traditional daytime scheduling.

³ Part-Time Programs with alternative scheduling, e.g., evening/weekend classes and clinical experience.

⁴ Number of times per year that students are admitted into full-time nursing programs.

⁵ Number of times per year that students are admitted into part-time nursing programs. This includes only programs with evening/weekend alternative scheduling.

Notes: Program size may vary with each class admitted per year. Data on number of full-time and part-time classes admitted from 2004 to 2007 are not comparable with data for earlier years because the annual report question was revised to collect more specific information.

Table 29: RN Continuing Education Options Offered by Nursing Programs, Pennsylvania, 2001-2009

Table 29-A: RN-BS									
Year	Programs Responding	RN Refresher		RN Pharmacology		RN IV Therapy		Licensure Review	
		#	%	#	%	#	%	#	%
2001	34	5	14.70%	11	32.40%	3	8.80%	n/a	n/a
2002	33	2	6.10%	8	24.20%	1	3.00%	n/a	n/a
2003	33	3	9.10%	9	27.30%	0	0.00%	n/a	n/a
2004	33	3	9.10%	9	27.30%	1	3.00%	n/a	n/a
2005	35	3	8.60%	10	28.60%	2	5.70%	n/a	n/a
2006	35	3	8.60%	7	20.00%	1	2.90%	n/a	n/a
2007	35	2	5.70%	6	17.10%	1	2.90%	9	25.70%
2008	35	2	5.90%	8	22.90%	2	5.90%	11	32.40%
2009	36	2	5.56%	8	22.22%	2	5.56%	11	30.56%

Table 29-B: RN-DIP									
Year	Programs Responding	RN Refresher		RN Pharmacology		RN IV Therapy		Licensure Review	
		#	%	#	%	#	%	#	%
2001	24	2	8.30%	3	12.50%	3	12.50%	n/a	n/a
2002	23	2	8.70%	3	13.00%	4	17.40%	n/a	n/a
2003	23	3	13.00%	3	13.00%	4	17.40%	n/a	n/a
2004	22	1	4.50%	1	4.50%	2	9.10%	n/a	n/a
2005	23	1	4.30%	1	4.30%	2	8.70%	n/a	n/a
2006	23	1	4.30%	1	4.30%	3	13.00%	n/a	n/a
2007	22	0	0.00%	2	9.10%	1	4.50%	7	31.80%
2008	22	0	0.00%	1	4.50%	1	4.50%	11	50.00%
2009	22	1	4.55%	1	4.55%	1	4.55%	11	54.55%

Table 29-C: RN-AD									
Year	Programs Responding	RN Refresher		RN Pharmacology		RN IV Therapy		Licensure Review	
		#	%	#	%	#	%	#	%
2001	22	9	40.90%	8	36.40%	10	45.50%	n/a	n/a
2002	22	11	50.00%	10	45.50%	9	40.90%	n/a	n/a
2003	22	12	54.50%	9	40.90%	7	31.80%	n/a	n/a
2004	25	1	4.00%	9	36.00%	8	32.00%	n/a	n/a
2005	27	9	33.30%	9	33.30%	9	33.30%	n/a	n/a
2006	27	9	33.30%	10	37.00%	8	29.60%	n/a	n/a
2007	27	9	33.30%	8	29.60%	7	25.90%	10	37.00%
2008	27	9	33.30%	8	29.60%	8	29.60%	10	37.00%
2009	27	10	37.04%	8	29.63%	8	29.63%	11	40.74%

Table 30: PN Continuing Education Options Offered by Nursing Programs, Pennsylvania, 2000-2009

Table 30-A: PN Community College/Hospital-Based (CCH)*									
Year	Programs Responding	Refresher		Pharmacology		IV Therapy ^a		Licensure Review	
		LPN		LPN		LPN		LPN	
2000	10	2	20.00%	4	40.00%	n/a	n/a	n/a	n/a
2001	12	4	33.30%	4	33.30%	n/a	n/a	n/a	n/a
2002	10	4	40.00%	3	30.00%	n/a	n/a	n/a	n/a
2003	13	6	46.20%	5	38.50%	6	46.20%	n/a	n/a
2004	12	5	41.70%	6	50.00%	8	66.70%	n/a	n/a
2005	13	3	23.10%	3	23.10%	8	61.50%	8	61.50%
2006	16	4	25.00%	5	31.25%	7	43.75%	7	43.75%
2007	13	3	23.08%	4	30.77%	7	53.85%	6	46.15%
2008	12	3	25.00%	5	35.80%	8	66.70%	5	35.80%
2009	12	3	25.00%	4	33.33%	8	66.67%	6	50.00%

^a The question on LPN IV courses first appeared in 2003.

* Corrections made to data for 2006, 2007 and 2008.

Table 30-B: PN Vocational Education (Vo-Tech)*									
Year	Programs Responding	Refresher		Pharmacology		IV Therapy ^a		Licensure Review	
		LPN		LPN		LPN		LPN	
2000	37	3	8.10%	8	21.60%	n/a	n/a	n/a	n/a
2001	34	6	17.60%	7	20.60%	n/a	n/a	n/a	n/a
2002	32	4	12.50%	7	21.90%	n/a	n/a	n/a	n/a
2003	35	6	17.10%	9	25.70%	13	37.10%	n/a	n/a
2004	37	4	10.81%	6	16.21%	10	27.03%	n/a	n/a
2005	35	5	14.30%	8	22.90%	13	37.10%	14	40.00%
2006	36	6	16.67%	7	19.44%	10	22.78%	15	41.67%
2007	40	4	10.00%	6	15.00%	10	25.00%	8	20.00%
2008	40	3	7.50%	6	15.00%	8	20.00%	5	12.50%
2009	43	4	9.30%	5	11.63%	9	20.93%	6	13.95%

^a The question on LPN IV courses first appeared in 2003.

* Corrections made to data for 2004, 2006, 2007 and 2008.

APPENDICES

1. 2008-2009 Academic Year Nursing Program
Annual Report
2. Definitions

Appendix 1: Survey Form

PENNSYLVANIA STATE BOARD OF NURSING Nursing Program Annual Report

To Nursing Program Administrator/Director/Chairperson

1. Submit the following required Annual Report data to the State Board of Nursing no later than
2. The Annual Report is open for submission beginning
3. Submit Program Information for the period starting October 1,
4. Submit only information for those students enrolled in an approved Prelicensure Program.
5. Submit a SEPARATE report for EACH type (PN, ADN, BSN etc.) of nursing education program.

GENERAL NURSING EDUCATION PROGRAM INFORMATION

Please check the Type of Nursing Program:

Practical Nursing RN Diploma Associate Degree Baccalaureate Degree

Please complete the following program information:

Name Of Nursing Education Program

College or University Affiliation/Controlling Institution

Nursing Education Program
Administrator/Director/Chairperson/Coordinator
Name & Title

Administrator/Director/Chairperson/Coordinator
Telephone Number including area code and extension (Board office use only)

Nursing Education Program Address

City, State, Zip

County

Nursing Education Program Telephone
Number including area code and extension

Email Address For Board Office Use Only

Email Address For Public Contact

Nursing Education Program Web Site Address

Appendix 1: Survey Form, cont'd

ACCREDITATION PROFILE FOR NURSING EDUCATION PROGRAM

(Please select all that apply. Include the corresponding Date Initiated and Date Expired.)

National League For Nursing Accreditation Commission Yes No

	Type of Accreditation	Date Initiated Month/Year	Date Expired Month/Year
--	-----------------------	------------------------------	----------------------------

- Accreditation
- Accreditation with Condition
- Focused Report Required
- NLNAC Withdrawal of Accreditation
- Voluntary Withdrawal of Accreditation
- Not Applicable

Commission on Collegiate Nursing Education Yes No

	Type of Accreditation	Date Initiated Month/Year	Date Expired Month/Year
--	-----------------------	------------------------------	----------------------------

- Accreditation
- "Special Report" Required
- CCNE Withdrawal of Accreditation
- Voluntary Withdrawal of Accreditation
- Not Applicable

Other Accreditation/Licensing Yes No

DO NOT LIST Board of Nursing

	Type of Accreditation	Date Initiated Month/Year	Date Expired Month/Year
--	-----------------------	------------------------------	----------------------------

- Other (Insert Name)
- Other (Insert Name)

Appendix 1: Survey Form, cont'd

ACCREDITATION FOR CONTROLLING INSTITUTION Yes No

	Type of Accreditation	Date Initiated Month/Year	Date Expired Month/Year
--	-----------------------	------------------------------	----------------------------

- Joint Commission
- Middle States Association
- Other (Insert Name)
- Other (Insert Name)

Note: It is not necessary to list PA Board of Nursing.

CURRICULUM PROGRAMMING

	Please check all options that apply to the program
--	---

- Full-Time Program With Daytime Scheduling
- Part-Time Program With Daytime Scheduling
- Part-Time Program With Evening/Weekend Scheduling
- Program Offered At Site(s) Other Than Main Campus.
Please Indicate The Number Of Sites

TYPE OF CONTINUING EDUCATION PROGRAM(S) OFFERED

Please indicate the type(s) of continuing education nursing program(s) offered. Click on the box(es) for the program type and if applicable to RN and/or PN.

RN	LPN	Other types of continuing education program offerings (Check if for RN, PN or both)
----	-----	--

- Pharmacology Course
- IV Therapy Course
- NCLEX Review Course
- Refresher Course
- Other

Appendix 1: Survey Form, cont'd

THIS SECTION TO BE COMPLETED ONLY BY RN NURSING EDUCATION PROGRAMS

Program Administrator/Director

Please indicate the highest earned NURSING degree of the program Administrator/Director/Chairperson/Coordinator by checking the appropriate box next to the degree:

- PhD
- EdD
- DNSc
- DNP
- MSN
- BSN
- Other

Description

Please indicate the highest earned degree of the program Administrator/Director/Chairperson/Coordinator by checking the appropriate box next to the degree:

- PhD
- EdD
- DNSc
- DNP
- MSN
- BSN
- Other

Description

Indicate the TOTAL NUMBER of ALL RN FACULTY (regardless of employment status ie, FT, PT, perdiem). DO NOT COUNT the Administrator/Director/Chairperson/Coordinator

Appendix 1: Survey Form, cont'd

PROFESSIONAL NURSING FACULTY: Full-time faculty only

(* Note: The numbers entered in 2 through 5 should equal the total number of full-time faculty)

Insert Number	Do not count the Administrator/Director/Chairperson/Coordinator
----------------------	--

1. *Indicate the total number of full-time RN faculty.

In the boxes below please break the total number of full-time RN faculty into the following qualification categories:

2. Indicate the number of full-time RN faculty that "hold at least one graduate degree in nursing."

3. Indicate the number of full-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

4. Indicate the number of full-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

5. Indicate the number of full-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program MORE than 5 years.

PROFESSIONAL NURSING FACULTY: Part-time faculty only

(* Note: The numbers entered in 2 through 5 should equal the total number of part-time faculty)

Insert Number	
----------------------	--

1. *Indicate the total number of part-time RN faculty.

In the boxes below please break the total number of part-time RN faculty into the following qualification categories:

2. Indicate the number of part-time RN faculty that "hold at least one graduate degree in nursing."

3. Indicate the number of part-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

4. Indicate the number of part-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

5. Indicate the number of part-time RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program MORE than 5 years.

Appendix 1: Survey Form, cont'd

PROFESSIONAL NURSING FACULTY: Contracted or per diem faculty only

(* Note: The numbers entered in 2 through 5 should equal the total number of contracted or per diem faculty)

Insert Number	
---------------	--

1. Indicate the total number of contracted or per diem RN faculty.

In the boxes below please break the total number of contracted or per diem RN faculty into the following qualification categories:

2. Indicate the number of contracted or per diem RN faculty that "hold at least one graduate degree in nursing."

3. Indicate the number of contracted or per diem RN Faculty Assistants (BSN faculty without a graduate degree in nursing) enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

4. Indicate the number of contracted or per diem RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program LESS than 5 years.

5. Indicate the number of contracted or per diem RN Faculty Assistants (BSN faculty without a graduate degree in nursing) NOT enrolled in graduate studies leading to a graduate degree in nursing but employed by a nursing program MORE than 5 years.

Why does the Professional Nursing education program hire PART-TIME, CONTRACTED and Per Diem faculty? (Check all that apply)

- Teach didactic lessons
- Supervise clinical education
- Other - Enter in box provided

NURSING EDUCATION PROGRAM CREDIT/COURSE UNITS (Note: Diploma programs please enter either program hours, or credit hour equivalents.)

Insert Number	Please Indicate The Number Of Academic Credits Or Course Units If Applicable
---------------	--

Nursing Course Credits Or Course Units

Non-Nursing Course Credits Or Course Units

Total Credits Or Course Units Required For Completion

Appendix 1: Survey Form, cont'd

THIS SECTION TO BE COMPLETED ONLY BY PRACTICAL NURSING EDUCATION PROGRAMS

Program Administrator/Director/Coordinator

Please indicate the highest earned NURSING degree of the program Administrator/Director/Chairperson/Coordinator by checking the appropriate box next to the degree:

- PhD
- EdD
- DNSc
- DNP
- MS / MSN
- BSN
- ADN
- Diploma
- Other
- Description

Please indicate the highest earned degree of the program Administrator/Director/Chairperson/Coordinator by checking the appropriate box next to the degree:

- PhD
- EdD
- DNSc
- DNP
- MS / MSN
- Master's in Other Field
- BSN
- Baccalaureate in other field
- Other
- Description

PRACTICAL NURSING FACULTY

Indicate the TOTAL NUMBER of ALL PN FACULTY (regardless of employment status ie, FT, PT, per diem). DO NOT COUNT the Administrator/Director/Chairperson/Coordinator.

Appendix 1: Survey Form, cont'd

PRACTICAL NURSING FACULTY: Full-time faculty only

Insert Number	Do not count the Administrator/Director/Chairperson/Coordinator
----------------------	--

1. *Indicate the total number of full-time PN

In the boxes below please break the total number of full-time PN faculty into the following qualification categories:

2. Indicate the number of full-time PN faculty with a master's or doctorate degree.

3. Indicate the number of full-time PN faculty with a bachelor's degree.

4. Indicate the number of full-time PN faculty currently enrolled in baccalaureate studies leading to a BS or BSN degree within 5 years of employment in a nursing education program.

5. Indicate the number of faculty not enrolled in baccalaureate program but employed by the nursing education program for less than 5 years.

6. Indicate the number of faculty who have not earned a baccalaureate degree after 5 years of employment in a nursing education program.

PRACTICAL NURSING FACULTY: Part-time faculty only

Insert Number	
----------------------	--

1. Indicate the total number of part-time PN faculty.

In the boxes below please break the total number of part-time PN faculty into the following qualification categories:

2. Indicate the number of part-time PN faculty with a master's or doctorate degree.

3. Indicate the number of part-time PN faculty with a bachelor's degree.

4. Indicate the number of part-time PN faculty currently enrolled in baccalaureate studies leading to a degree within 5 years of employment in a nursing education program.

5. Indicate the number of part-time PN faculty not enrolled in baccalaureate program but employed by the nursing education program for less than 5 years.

6. Indicate the number of faculty who have not earned a baccalaureate degree after 5 years of employment in a nursing education program.

Appendix 1: Survey Form, cont'd

PRACTICAL NURSING FACULTY: Contracted or per diem faculty only

Insert Number	
----------------------	--

1. Indicate the total number of contracted or per diem PN faculty.

In the boxes below please break the total number of contracted or per diem PN faculty into the following qualification categories:

2. Indicate the number of contracted or per diem PN faculty with a master's or doctorate degree.

3. Indicate the number of contracted or per diem PN faculty with a bachelor's degree.

4. Indicate the number of contracted or per diem faculty currently enrolled in baccalaureate studies leading to a degree within 5 years of employment in a nursing education program.

5. Indicate the number of contracted or per diem faculty not enrolled in baccalaureate program but employed by the nursing education program for less than 5 years.

6. Indicate the number of contracted or per diem faculty who have not earned a baccalaureate degree after 5 years of employment in a nursing education program.

Why does the Practical Nursing education program hire PART-TIME, CONTRACTED and Per Diem faculty? (Check all that apply)

- Teach didactic lessons
- Supervise clinical education
- Other - Enter in box provided

PROGRAM HOURS (PROGRAM HOURS TO BE ANSWERED ONLY BY PN PROGRAMS)

Insert Number	Please indicate the number of hours required for completion of this nursing education program.
----------------------	---

Nursing Theory Hours

Nursing Clinical Hours

Total Program Hours Required For Completion
(Total hours must add up to 1500 or greater hours)

Appendix 1: Survey Form, cont'd

**THIS SECTION TO BE COMPLETED BY ALL NURSING EDUCATION PROGRAMS
CURRENT FACULTY**

Faculty Hired Since the Last Annual Report

1. Submit the names of all hired faculty, hired during the period Oct. 01, through Oct. 01,

2. Full-time faculty who have been hired since the last Annual Report Insert Number:

3. Part-time faculty who have been hired since the last Annual Report Insert Number:

4. Perdiem / Contract faculty who have been hired since the last Annual Report: 0

Faculty Who Left Since the Last Annual Report

1. Submit the names of all faculty, who left the program during the period Oct. 01, through Oct. 01,

2. Full-time faculty who left since the last Annual Report: Insert Number:

3. Part-time faculty who left since the last Annual Report: Insert Number:

4. Perdiem / Contract faculty who left since the last Annual Report: Insert Number: 0

Appendix 1: Survey Form, cont'd

FACULTY POSITIONS, VACANT

1. Indicate the current Number of unfilled full-time faculty positions:

Community:

Critical Care:

Maternity:

Medical Surgical:

Pediatric:

Psychiatric:

Other-please specify area:

Other Area:

2. Indicate the current number of unfilled Non-full-time (part-time and per diem/contracted) faculty positions:

a. How many Full Time equivalence (FTEs) positions do these unfilled non-full time positions represent ?

Community:

Critical Care:

Maternity:

Medical Surgical:

Pediatric:

Psychiatric:

Other-please specify area:

Other Area:

Appendix 1: Survey Form, cont'd

Faculty Characteristics

Please check the appropriate box:

What is the average age of the Full-Time faculty in your nursing education program for the current academic year?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> 31-35 years | <input type="checkbox"/> 56-60 years |
| <input type="checkbox"/> 36-40 years | <input type="checkbox"/> 61-65 years |
| <input type="checkbox"/> 41-45 years | <input type="checkbox"/> 65+ years |
| <input type="checkbox"/> 46-50 years | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> 51-55 years | |

What is the average age of the Part-Time, Contracted, and Per Diem faculty in your nursing education program for the current academic year?

- | | |
|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> 31-35 years | <input type="checkbox"/> 56-60 years |
| <input type="checkbox"/> 36-40 years | <input type="checkbox"/> 61-65 years |
| <input type="checkbox"/> 41-45 years | <input type="checkbox"/> 65+ years |
| <input type="checkbox"/> 46-50 years | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> 51-55 years | |

How many of your Full-Time faculty do you anticipate will retire in the next Three years? (Insert Number)

How many of your Full-Time faculty do you anticipate will retire in the next 4-6 years? (Insert Number)

How many of your Full-Time faculty do you anticipate will retire in the next 7-10 years? (Insert Number)

Appendix 1: Survey Form, cont'd

What percentage of time is a **FULL-TIME** faculty member expected to engage in each of the following tasks: (Note: The sum of the total percentage must add up to 100%)

Didactic Lessons

Clinical Education

Scholarship

Service

Other

What percentage of time is a **PART-TIME** faculty member expected to engage in each of the following tasks: (Note: The sum of the total percentage must add up to 100%)

Didactic

Clinical

Scholarship

Service

Other

Please check the appropriate box for each question:

Does the Nursing Education Program regularly engage full-time faculty in training or professional development programs?

Yes No

Does the Nursing Education Program regularly engage part-time faculty in training or professional development programs?

Yes No

Does the Nursing Education Program regularly engage contracted or per diem faculty in training or professional development programs?

Yes No

Indicate the number of faculty who speak the following languages fluently?
(This does not have to equal the total faculty population)

Spanish

Russian

Italian

Chinese

German

Vietnamese

French

Other (Specify)

Appendix 1: Survey Form, cont'd

Clinical Agencies:

**Has the program experienced any difficulty in obtaining clinical sites for student experience?
Please check the appropriate box:**

No Yes

	Insert Number
--	----------------------

- Pediatrics
- Obstetrics
- Psych
- Critical Care
- Med-Surg
- Other (Specify)

	Insert Number
--	----------------------

- Decreased length of stay
- Decreased census
- Other nursing programs using facility
- Distance to facility from school
- Other - Please Indicate

Appendix 1: Survey Form, cont'd

ENROLLMENT INFORMATION

ENROLLMENT/GRADUATION AND ATTRITION DATA

Insert number in the corresponding boxes:

1. Number classes admitted into Full-Time program each year.
2. Number classes admitted into Part-Time program each year.
3. Total number of applicants to nursing education program for the most recent class(es).
4. Total number of qualified applicants for the most recent class(es).
5. Of the total number of qualified applicants, how many were admitted into the most recent class(es)?

If the nursing education program was unable to admit all of its qualified applicants this year, please indicate why. (Check all that apply)

- Program at maximum physical capacity (facilities, fixtures, etc.)
- Program at maximum faculty capacity (not enough faculty)
- Program at maximum clinical site capacity
- Other (Please specify)

6. How many vacant seats does the program have this year?
7. Number of students currently enrolled in the Full-Time program.
8. Number of students currently enrolled in the Part-Time program.
9. Total (all classes) nursing program enrollment.
10. Total number of students expected to complete the nursing education program between October 1, yyyy & September 30, zzzz
11. Total number of students who completed the nursing education program between October 1, mmm & September 30, nnnn

Appendix 1: Survey Form, cont'd

Attrition Data

In the boxes below, indicate the number of students in this class(es) who left the program before graduating between 10/01/2006 and 9/30/2007:

1. Provide the total number of nursing students originally admitted to the class(es) that completed the program during October 1, 2008 and September 30, 2009.
2. From the total number of nursing students identified in #1 how many students left the program between the period of October 1, 2008 and September 30, 2009.

Number of Persons Leaving For Each Reason Listed Below

Academic Failure

Financial

Change In Career Goals

Health

Relocation

Other Please Specify

Were any of these students readmitted to the program?

Yes No

If yes, indicate how many and to which class?

Class of Next Year 0

Class of TwoPlus Year 0

Current Class 0

Appendix 1: Survey Form, cont'd

STUDENT DEMOGRAPHICS:

Gender of graduates - Optional	Percent of graduates (Total needs to be 100%)
---------------------------------------	--

Female:

Male:

Racial/Ethnic distribution Of graduates - Optional	Percent of graduates (Total needs to be 100%)
---	--

American Indian/Alaskan Native

Asian

Native Hawaiian/Pacific Islander

Black

Hispanic

White

Other/Unknown

Please indicate the number of students who speak the following languages fluently? (This does not have to equal the total student population)

Spanish

Italian

German

French

Russian

Chinese

Vietnamese

Other (Specify)

What percent of your student population speak English as a secondary language? Please check the appropriate percentage:

<=0-10%

<=11-20%

<=21-30%

<=31-40%

<=41-50%

>50%

Appendix 1: Survey Form, cont'd

AFFIDAVIT

As the Nursing Education Program Administrator/Director/ Chairperson/Coordinator, I understand that the legal practice of nursing in this Commonwealth is contingent upon possession of a current Commonwealth license or permit. By Regulation, the Nursing Education Administrator/Director/Chairperson/Coordinator of a Pennsylvania approved nursing education program must be currently licensed in Pennsylvania. As the Nursing Education Program Administrator/Director/Chairperson/Coordinator of this program, I have read this report and accept responsibility for its contents.

I certify that all of the information is correct. I understand that any false statement made is subject to the penalties of 18 Pa. C.S. §4904 relating to unsworn falsification to authorities and may result in sanctions of my license or certificate and/or disposition of civil penalties.

YES

"I acknowledge that my typed name in the below box shall have the same legal effect as a handwritten signature."

YES

Nursing Education Program Administrator/Director/Chairperson/Coordinator Signature:

Nursing Education Program Administrator/Director/Chairperson/Coordinator Title:

Date:

Please forward to the Nurse Board Office the following most current program documents:

- 1. Program Catalogue & Program of Studies**
 - 2. Nursing Program Student Handbook**
-
-

Appendix 2 Definitions

The Pennsylvania General Assembly enacted the Professional Law and the Practical Nurse Law, which resulted in the Nurse Board developing regulations for the educational requirements for nursing school, the conduct of nursing programs, education of professional and practical nurses and the practice of professional and practical nursing. The laws established the following definitions of the practice of professional nursing (Registered Nurse) and the practice of practical nursing (Licensed Practical Nurse).

The Practice of Professional Nursing (Registered Nurse): Diagnosing and treating human responses to actual or potential health problems through such services as case finding, health teaching, health counseling, and provision of care supportive to or restorative of life and well-being, and executing medical regimens as prescribed by a licensed physician or dentist.⁷

The Practice of Practical Nursing (Licensed Practical Nurse): The performance of selected nursing acts in the care of the ill, injured or infirm under the direction of a licensed professional nurse, a licensed physician or a licensed dentist which do not require the specialized skill, judgment and knowledge required in professional nursing.⁸

In addition, the Pennsylvania Code, under Title 49, Professional & Vocational Standards, charged the State Board of Nursing to establish safe standards for the preparation of registered and practical nurses in approved educational programs.⁹ The information presented in this report is categorized by four basic types of nursing education programs:

RN Baccalaureate program (RN-BS): Four-year college degree program of nursing developed under the authority of a regionally accredited university or college.

RN Hospital-based diploma program (RN-DIP): Approximately a two year nursing diploma program developed under the authority of a hospital accredited by the Joint Commission.

RN Associate program (RN-AD): Two-year college degree program of nursing developed under the authority of a regionally accredited university or college.

Licensed Practical Nursing program (LPN): A program for the education of practical nurses developed under the authority of a hospital, educational institution or combination thereof.⁶

Full-time nurse faculty are employed by and receive benefits from an academic institution in exchange for working at least 32 hours a week. Their responsibilities may include teaching didactic courses, supervising students at clinical sites, scholarship, and service.

Part-time nurse faculty are employed by an academic institution to work no more than 32 hours a week. They receive limited benefits from the academic institution. They may teach didactic courses and/or supervise students at clinical sites.

Contracted/Per diem nurse faculty are hired on an “as needed” basis by the academic institution for services rendered by semester, year, or course. They may or may not receive payment and/or benefits from the academic institution. They may teach didactic courses and/or supervise students in clinical settings.

ENDNOTES

- ¹ Commonwealth of Pennsylvania, Purposes of the [State Nursing] Board, 49 Pennsylvania Code, sec. 21.3. Available online at <http://www.pacode.com/secure/data/049/chapter21/chap21toc.html>.
- ² Commonwealth of Pennsylvania, The Professional Nursing Law, (1 amended Dec. 20, 1985, P.L.409, No. 109). Available online at http://www.portal.state.pa.us/portal/server.pt/community/state_board_of_nursing/12515.
- ³ Pennsylvania Department of State, Bureau of Professional and Occupational Affairs, State Board of Nursing. A list of approved nurse education programs is available online at <http://www.portal.state.pa.us/portal/server.pt?open=514&objID=572050&mode=2>.
Please note: The number of nursing education programs approved by the Board of Nursing and the number of nursing education program annual reports reviewed by the Department of Health for this report are current as of October 31, 2009. After that date, other nurse education programs may be approved or other annual reports may be submitted to the Board of Nursing.
- ⁴ U.S. Department of Commerce, Bureau of the Census. In 2000, the U.S. Census Bureau changed its definition of rural for the purpose of census reporting. In previous versions of this report, the 1990 Census definition was used. The 2000 U.S. Census definition was used for this report. The 1990 and 2000 definitions may be found online at www.census.gov/population/www/censusdata/ur-def.html.
- ⁵ Commonwealth of PA, *49 Pennsylvania Code*, Subchapter A, 21.71.
- ⁶ Commonwealth of PA, *49 Pennsylvania Code*, Subchapter A, 21.61-21.63, Subchapter B, 21.184.
- ⁷ Commonwealth of Pennsylvania, The Professional Nursing Law, (1 amended Dec. 20, 1985, P.L.409, No. 109). Available online at http://www.portal.state.pa.us/portal/server.pt/community/state_board_of_nursing/12515.
- ⁸ Commonwealth of Pennsylvania, Practical Nurse Law, (1 amended Dec. 20, 1985, P.L.423, No.110). Available online at http://www.portal.state.pa.us/portal/server.pt/community/state_board_of_nursing/12515.
- ⁹ Commonwealth of Pennsylvania, *49 Pennsylvania Code*, sec. 21.51.

ACKNOWLEDGEMENTS

PA DEPARTMENT OF HEALTH

Bureau of Health Planning
Room 1033, Health and Welfare Building
625 Forster Street
Harrisburg, Pennsylvania 17120
Telephone: 717-772-5298
Email: ra-ship@state.pa.us

PA DEPARTMENT OF STATE

Bureau of Professional and Occupational Affairs
2601 North Third Street
Harrisburg, Pennsylvania 17110
Telephone: 717-783-7192