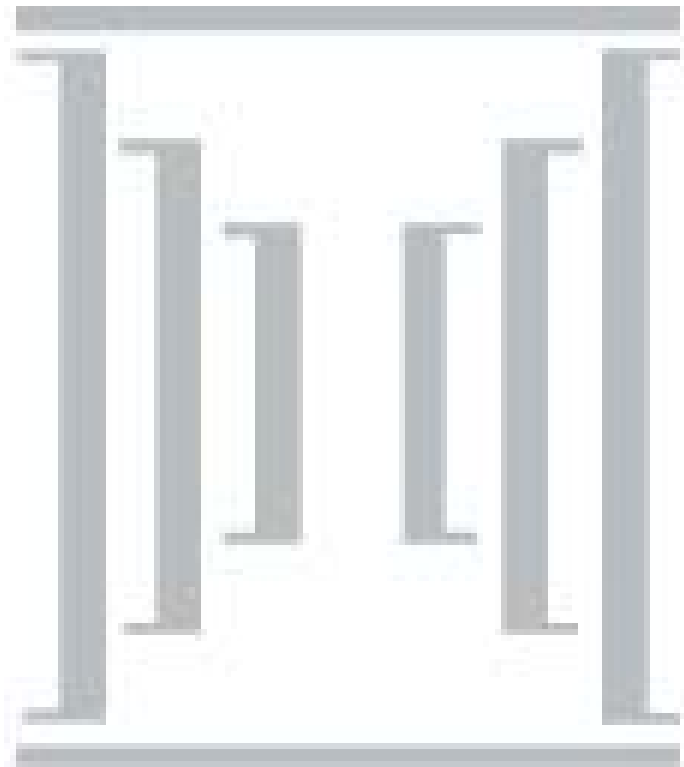


Data Trends and Briefings

November 3, 2008



North Carolina Community College System
Office of the President

Fall 2004 Associate Degree Nursing Cohort Analysis

Methodology

Curriculum students in A45100 and A45120, who took Nursing 110 or Nursing 115 (gatekeeper nursing courses) in the fall semester of 2004 were identified. Demographics of the students and results of three year tracking of the cohort were presented here. To compare a different cohort of associate degree nursing students, six year tracking of the fall 2001 cohort was also presented, along with years to graduate once entering nursing program.

Results

Total number of Fall 2004 Associate degree nursing cohort was 2,449 students. Among those, almost 90% (2,199) of the students were female students. Remaining 10% (250) were male students. In terms of ethnicity/race distribution, more than 80% (1,963) were White, when 12.7% (310) were Black students. There were 43 (1.8%) Hispanic students, 63 (2.6%) American Indians, and 34 (1.4%) Asians. Remaining 1.5% (36) were Other race/ethnicity. Refer to Tables 1 and 2.

Table 1. Gender

	Female	Male	Total
Number of students	2,199	250	2,449
Percentage	89.8%	10.2%	100%

Table 2. Ethnicity

	Asian	Black	Hispanic	Am. Indian	White	Other	Total
Number	34	310	43	63	1,963	36	2,449
Percentage	1.4%	12.7%	1.8%	2.6%	80.2%	1.5%	100%

In terms of age group, almost 30% of fall 2004 cohort were age 31-40 (717, 29.0%) followed by age 21-25 (714, 28.9%). About 20% of the remaining students were age 26-30 (487, 19.7%), and 12.5% (308) were age 41-50. Remaining 6.5% (161) were under 20 years old, and 3.3% (82) were age 51-60. There were students older than 60 (3, 0.1%).

Almost 70% of the cohort were high school graduates (1,701, 69.5%), while about 10% didn't have high school diploma. 9.6% (235) of the students had GED and 2.4% (59) had Adult High School Diploma. 4.6% of the cohort were associate degree holders (113) whereas 4.4% had vocational certificates (107). 7.4% were BA holders (182) and there were even a masters or higher degree holders (12, 0.5%). Remaining 40 (1.6%) students' highest education level was unknown. Refer to Tables 3 and 4.

Table 3. Age Group

	<=20	21-25	26-30	31-40	41-50	51-60	>60	Total
Number	161	714	487	717	308	82	3	2,472
Percentage	6.5%	28.9%	19.7%	29.0%	12.5%	3.3%	0.1%	100%

Table 4. Highest Education Level

	GED	HS Grad	AHSD	Voc. Cert	Asso.	BA	MA And Higher	Other/ Unkn own	Total
#	235	1701	59	107	113	182	12	40	2,449
%	9.6%	69.5%	2.4%	4.4%	4.6%	7.4%	0.5	1.6%	100%

Following the fall 2004 associate degree nursing cohort by the spring semester of 2007, two thirds of them graduated in nursing programs (1,516, 62%). Another 7% (168) of them graduated in other fields. More than hundred students (132, 5%) were still enrolled in Nursing programs, and a bit more than those students were still enrolled in other fields (151, 6%). Remaining 20% (482) were not enrolled in any program or dropped out. Refer to Table 5.

Table 5. Results for Fall 2004 Cohort – 3 Year Tracking

	Grad in Nursing	Grad in Other Fields	Still Enrolled in Nursing	Still Enrolled in Other Fields	Not Enrolled	Total
#	1,516	168	132	151	482	2,449
%	62%	7%	5%	6%	20%	100%

For most of them, it took two years to finish associate degree nursing programs (1,281, 84.5%). Remaining 15.5% (235) of the fall 2004 cohort graduated the nursing programs in three years. A total of 62% (1,516) of the cohort graduated by the spring of 2007. Refer to table 6.

Table 6. Years to Graduate Once Entering Nursing, Fall 2004 Cohort

	1 Year	2 Years	3 Years
#	0	1,281	235
%	0	84.5%	15.5%

(Total 1,516 graduated from fall 2004 cohort; 62% graduation rate)

To compare another cohort of associate degree nursing program, students enrolled in either A45100 or A45120 in the fall of 2001 were identified. Tracking these students for 6 years until spring 2007, it turned out that a little more than a half of the cohort finished nursing programs (1,245, 54.6%). Another 8.9% (209) graduated by the spring 2007 in other fields. Only 1.3% (29) of the cohort were still enrolled in nursing programs, while 3.9% (88) of them were still enrolled in other fields. About 30% of them (715, 31.3%) were not enrolled in any program. The total number of the student of fall 2001 cohort was 2,281. Refer to Table 7.

Table 7. Results for fall 2001 Cohort – 6 Year Tracking

	Grad in Nursing	Grad in Other Fields	Still Enrolled in Nursing	Still Enrolled in Other Fields	Not Enrolled	Total
#	1,245	204	29	88	715	2,281
%	54.6%	8.9%	1.3%	3.9%	31.3%	100%

Among the cohort, two students (0.2%) finished nursing programs in a year, while most of them graduated the programs in two years (965, 77.5%). Another 15.3% (190) graduated the program in three years. 3.3% (41) of them finished the program in 4 years, and another 31 (2.5%) in 5 years. 16 out of 2,281 students (1.3% of the cohort) finished the program in six years. A total of 1,245 students graduated in a 6 year period with a 55% graduation rate of fall 2001 cohort. Refer to Table 8.

Table 8. Years to Graduate Once Entering Nursing, Fall 2001 Cohort

	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
#	2	965	190	41	31	16
%	0.2%	77.5%	15.3%	3.3%	2.5%	1.3%

(Total 1,245 graduated from fall 2001 cohort; 55% graduation rate.)

Comparison of Fall 2007 Cohort

Demographic analysis of fall 2007 cohort resembled that of fall 2004 cohort, except that fall 2007 cohort had a slightly more students in age group 21-25. In terms of highest education level achieved, more students in the fall 2007 cohort had an associate degree and higher (18.3%) compared to the fall 2004 cohort (14.1%). Refer to Tables 9 through 12.

Table 9. Gender

	Female	Male	Total
Number of students	2,304	270	2,574
Percentage	89.5%	10.5%	100%

Table 10. Ethnicity

	Asian	Black	Hispanic	Am. Indian	White	Other	Total
Number	50	355	56	69	1,999	45	2,574
Percentage	1.9%	13.8%	2.2%	2.7%	77.7%	1.7%	100%

Table 11. Age Group

	<=20	21-25	26-30	31-40	41-50	51-60	>60	Total
Number	178	818	498	713	311	53	4	2,575
Percentage	6.9%	31.7%	19.3%	27.7%	12.1%	2.1%	0.2%	100%

Table 12. Highest Education Level

	GED	HS Grad	AHSD	Voc. Cert	Asso.	BA	MA And Higher	Other/ Unkn own	Total
#	185	1,723	73	122	179	219	23	51	2,575
%	7.2%	66.9%	2.8%	4.7%	7.0%	8.5%	0.9%	2.0%	100%

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