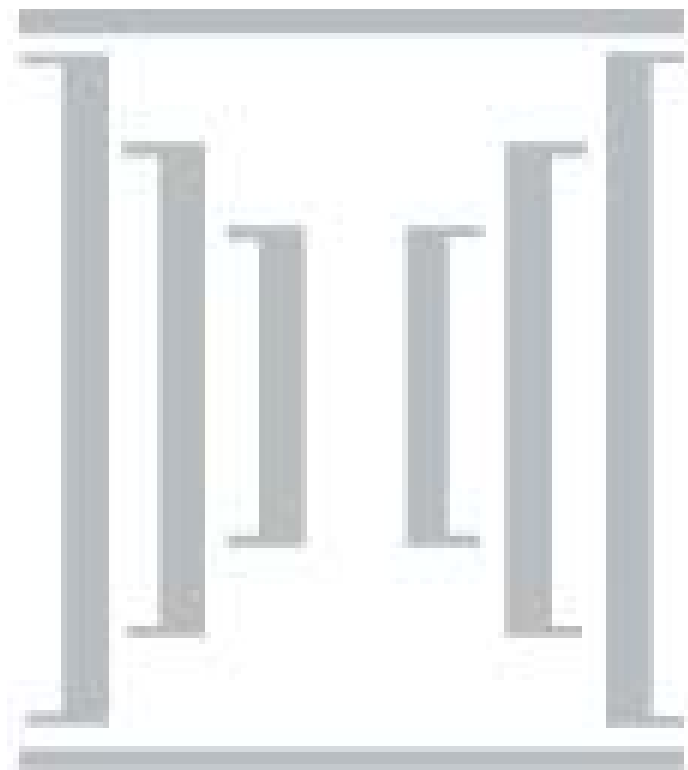


Data Trends and Briefings

September 3, 2008



North Carolina Community College System
Office of the President

Fall 2001 Associate Degree in Teacher Education Cohort Analysis

Methodology

Curriculum students in 11 Teacher Education programs in the fall semester of 2001 were identified. Curriculum codes for the programs were: A1010A (Art Education), A1010C (Business and Marketing Education), A1010F (English Education), A1010J (Physical Education), A1010P (Elementary, Middle Grades, and Special Education), A1020D (Music Education), A1040A (Biology Education), A1040B (Chemistry Education), A55220 (Early Childhood Associate), A5522A (Special Education), and A5522B (Teacher Associate).

Demographics of the fall 2001 teacher education students and results of six year tracking of the cohort are presented. Years to graduate once entering the program are analyzed. To compare the demographics of teacher education students, a different cohort of fall 2007 is also presented.

Results

Total number of fall 2001 Teacher Education cohort was 7,979 students. Among those, 90% (7,209) of the students were female; 10% (769) were male students. In terms of ethnicity/race distribution, a little more than a half of them (4,374, 54.8%) were White; 40% (3,192) were Black students. There were 119 (1.5%) Hispanic students, 187 (2.3%) American Indians, and 47 (0.6%) Asians. The remaining 0.7% (59) were Other race/ethnicity. Refer to Tables 1 and 2.

Table 1. Gender Distribution for Fall 2001 Teacher Education Cohort

	Female	Male	Total
Number of students	7,209	769	7,979
Percentage	90.4%	9.6%	100%

Table 2. Ethnicity Distribution for Fall 2001 Teacher Education Cohort

	Asian	Black	Hispanic	Am. Indian	White	Other	Total
Number	47	3,192	119	187	4,374	59	7,978
Percentage	0.6%	40%	1.5%	2.3%	54.8%	0.7%	100%

In terms of age group, a quarter of fall 2001 cohort were age 21-25 (1,981, 24.8%) followed by age 31-40 (1,812, 22.7%). About 16% of the students were age 41-50 (1,308, 16.4%); 15.9% (1,267) were under 20. Of the remaining 12.7% (1,010) were 26-30 years old, 6.6% (529) were age 51-60, and 0.9% (72) were older than 60..

Almost 80% of the cohort was high school graduates (6,374, 79.9%). Ten percent (10%, 798) of the students had GED and 3.1% (247) had Adult High School Diploma. Two percent (2%) of the cohort were associate degree holders (161), whereas 2.1% had vocational certificates (167). 1.4% were BA holders (112) and there were even a masters or higher degree holders (10, 0.1%). There were 3 students, whose highest education level was unknown. Refer to Tables 3 and 4.

Table 3. Age Group Distribution for Fall 2001 Teacher Education Cohort

	<=20	21-25	26-30	31-40	41-50	51-60	>60	Total
Number	1,267	1,981	1,010	1,812	1,308	529	72	7,979
Percentage	15.9%	24.8%	12.7%	22.7%	16.4%	6.6%	0.9%	100%

Table 4. Highest Education Level Distribution for Fall 2001 Teacher Education Cohort

	GED	HS Grad	AHSD	Voc. Cert	Asso.	BA	MA And Higher	Less than HS	Total
#	798	6,374	247	167	161	112	10	106	7,979
%	10%	79.9%	3.1%	2.1%	2.0%	1.4%	0.1	1.3%	100%

Following the fall 2001 teacher education cohort by the spring semester of 2007, less than 30% of them graduated in the programs (2,156, 27%). Another 9% (717) of them graduated in other fields. More than five hundred students (514, 6.4%) were still enrolled in teacher education programs, and a bit more than 3% of the students were still enrolled in other fields (257, 3.2%). About 9% of the cohort transferred to another community college or university and graduated (703, 8.8%). Remaining 45.5% (3,632) were not enrolled in any program or dropped out. Refer to Table 5.

Table 5. Results for Fall 2001 Teacher Education Cohort – 6 Year Tracking

	Grad in Teacher Education	Grad in Other Fields	Still Enrolled in Teacher Education	Still Enrolled in Other Fields	Transferred And Graduated	Not Enrolled	Total
#	2,156	717	514	257	703	3,632	7,979
%	27%	9%	6.4%	3.2%	8.8%	45.5%	100%

A majority of the graduates (70.1%) finished teacher education programs in three years. More than 300 students (312, 14.5%) finished the program in four years, and another 8.8% of the cohort (189) in five years. 145 out of 7,979 students (6.7% of the graduates) finished the program in six years. A total of 2,156 students graduated in a 6 year period at the same institution. Additional 703 students transferred to other community colleges or a university and graduated. A grand total of 2,859 students graduated during the six year period with a 35.8% graduation rate of fall 2001 cohort. Refer to Table 8.

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

	1 Year	2 Years	3 Years	4 Years	5 Years	6 Years
#	569	482	459	312	189	145
%	26.4%	22.4%	21.3%	14.5%	8.8%	6.7%

Among the 2,156 graduates from the teacher education programs, more than 80% (1,728, 80.2%) majored in Early Childhood Associate (A55220), followed by Teacher Associate program (A5522B): 185, 8.6%. About 7% of them majored in Elementary, Middle Grades and Special Education (A1010P): 146, 6.8%. A total of 32 students (1.5%) graduated from Special Education Program (A5522A). Seventeen of the total graduates in six year majored in Biology Education (A1040A). Although the number of students was small, there were also graduates from Art Education (A1010A), English Education (A1010F), Physical Education (A1010J), and Chemistry Education (A1040B).

Comparison of Fall 2007 Cohort

Demographic analysis of fall 2007 cohort resembled that of fall 2001 cohort, except the number of students in fall 2007 cohort doubled. In terms of ethnicity distribution, slightly fewer White (8,013, 49.8%) students enrolled in the fall 2007 cohort compared to the fall 2001 cohort. Thus, there was a slight increase in the minority enrollment in the teacher education programs: 320 Hispanics (2%), 153 Asians (0.9%), 390 American Indians (2.4%), and 287 (1.8%) Others. Refer to Table 9 for gender, and Table 10 for ethnicity distribution.

Table 9. Gender Distribution for Fall 2007 Teacher Education Cohort

	Female	Male	Total
Number of students	14,757	1,350	16,108
Percentage	91.6%	8.4%	100%

Table 10. Ethnicity Distribution for Fall 2007 Teacher Education Cohort

	Asian	Black	Hispanic	Am. Indian	White	Other	Total
Number	153	6,944	320	390	8,013	287	16,107
Percentage	0.9%	43.1%	2%	2.4%	49.8%	1.8%	100%

For the age distribution of fall 2007, overall trend is very similar to that of fall 2001. However, the proportion of younger students in the fall 2007 slightly decreased over fall 2001 cohort: 15.9% (1,267) of the 2001 cohort was younger than 20, while only 12.2% (1,966) of the 2007 cohort fall into the same age category. On the other hand, number of students in older age groups (41 years old and up) in 2007 cohort slightly increased: 28.4% (4,573) in 2007 versus 23.9% (1,909) in 2001. Refer to Table 11.

Table 11. Age Group Distribution for Fall 2007 Teacher Education Cohort

	<=20	21-25	26-30	31-40	41-50	51-60	>60	Total
Number	1,966	3,709	2,182	3,678	2,850	1,462	261	16,108
Percentage	12.2%	23%	13.6%	22.8%	17.7%	9.1%	1.6%	100%

In terms of highest education level achieved, more students in the fall 2007 cohort had adult high school degrees, vocational certificates, and associate degrees (8.8%) compared to the fall 2001 cohort (7.2%). Less proportion of the 2007 cohort had GED or High School graduates (86.7%) compared to the one in 2001 (89.9%). Refer to Table 12.

Table 12. Highest Education Level Distribution for Fall 2007 Teacher Education Cohort

	GED	HS Grad	AHSD	Voc. Cert	Asso.	BA	MA And Higher	Less than HS	Total
#	1,502	12,473	586	379	451	260	50	391	16,108
%	9.3%	77.4%	3.6%	2.4%	2.8%	1.6%	0.3%	2.4%	100%

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