

Health Professions Education In Washington: 2003 - 2010 Completion Statistics

December 2011

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INTRODUCTION

This report documents completions of postsecondary health career educational programs throughout Washington. Each page summarizes program completions for one of 35 selected health education programs. The term “completion” as used in this report encompasses graduation from degree programs as well as completion of a course of study leading to a non-degreed credential. This report covers the periods from 2002-03 through 2009-10. Trend data include absolute numbers of program completions by gender, population-adjusted completion rates, and completions by race/ethnicity. Throughout the report, each academic year, beginning in July and ending in June, is referred to by the calendar year in which the academic year ended.

DATA SOURCES

Data for this report come from the Integrated Postsecondary Education Data system (IPEDS) of the National Center for Education Statistics for 2003 through 2010. IPEDS is a systematic survey of educational organizations whose primary purpose is to provide postsecondary education. IPEDS does not collect data from organizations that are not primarily educational in nature, for example, hospitals that offer nursing diploma programs. For this reason, the numbers of health career program completers may be underestimated for some professions, such as nurse aides. More information about IPEDS can be found at <http://nces.ed.gov/ipeds/>.

Some educational organizations did not report or under-reported data to IPEDS in prior years. In instances where this was known, data was obtained from the Washington State Board for Community and Technical Colleges (SBCTC) to supplement completions in the affected programs.

State population data are from the Washington State Office of Financial Management Population Estimates for 2008 and the US Census Bureau for 2009 and 2010.

Gender: IPEDS provides complete counts by gender, imputing for missing data.

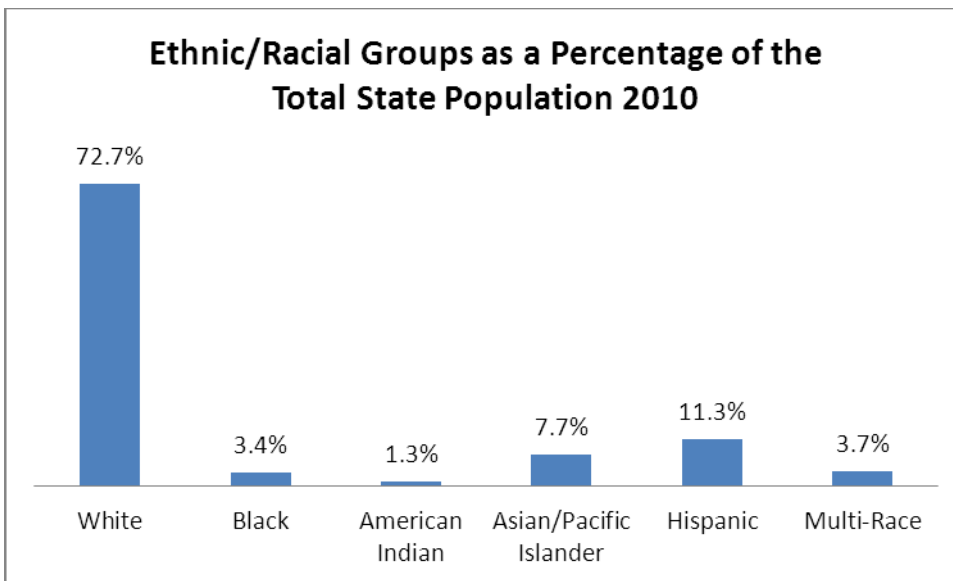
Race and Ethnicity: Completions reported by IPEDS categorize completers into one of the following racial/ethnic designations:

- White, non-Hispanic.
- Hispanic or Latino
- Black, non-Hispanic
- Asian or Pacific Islander.
- American Indian or Alaskan Native.
- Nonresident alien
- Unknown.

For the purpose of charting data the ethnic groups are designate as White, Black, Hispanic, Asian and American Indian. Some racial/ethnic data were missing from the data sets. Completions in this report by race and ethnicity are based on percentages for those completers in which race and ethnicity were known (excluding from the denominator those completers whose racial/ethnic data were missing or non-resident aliens).

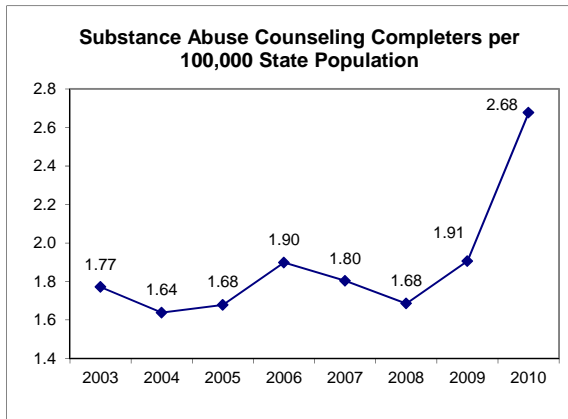
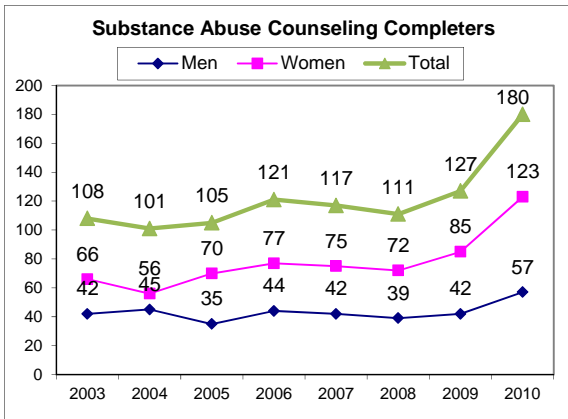
Limitations of the Data

The data in this report are subject to the following conditions. IPEDS attempts to conduct a complete census of all postsecondary educational organizations. Coverage is thought to be high, with response rates above 90 percent. Yearly verification is performed using accreditation lists, but it is not known how many institutions are missing. Although IPEDS imputes for non-responses, the extent of the undercount for missing institutions, non-responses, and specific health occupations where training is available outside of education institutions is unknown.



US Census Bureau

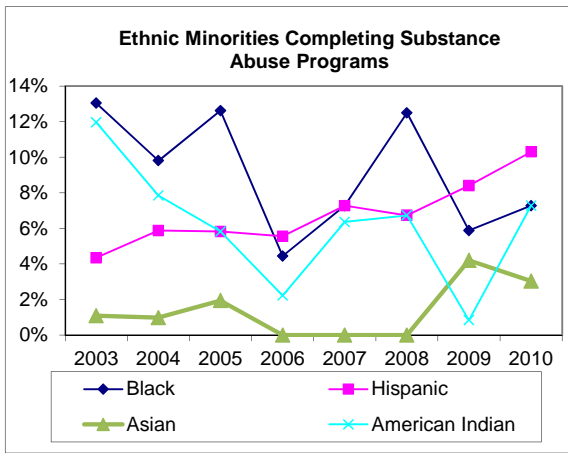
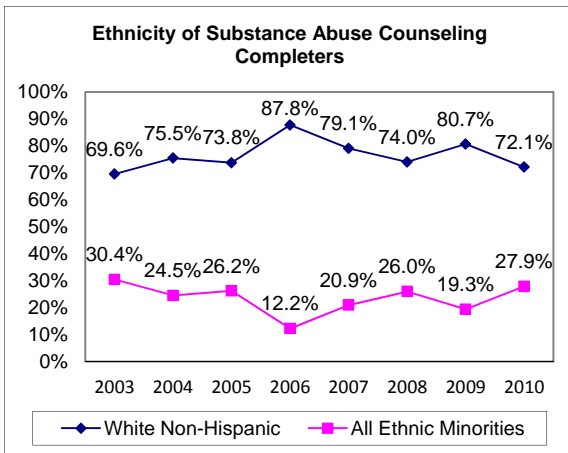
Substance Abuse/Addiction Counseling Program Completers (CIP 51.1501)



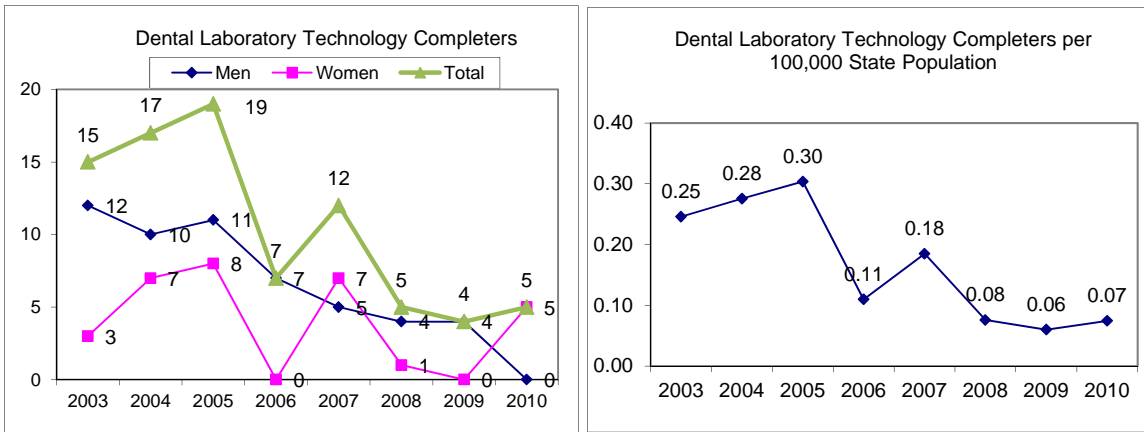
- Sixteen community and state colleges offered substance abuse/addiction counseling programs in 2010.
- There are two types of credentials for substance abuse/addiction counseling from programs in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	55	50	50	63	68	54	68	92
Associate	51	51	55	58	49	57	59	88

- Total annual program completions increased by 67% from 2003 to 2010.
- Completions per 100,000 population increased by 51% over the same time period.
- Sixty-eight percent of program completers were female in 2010 compared to 61% in 2003.



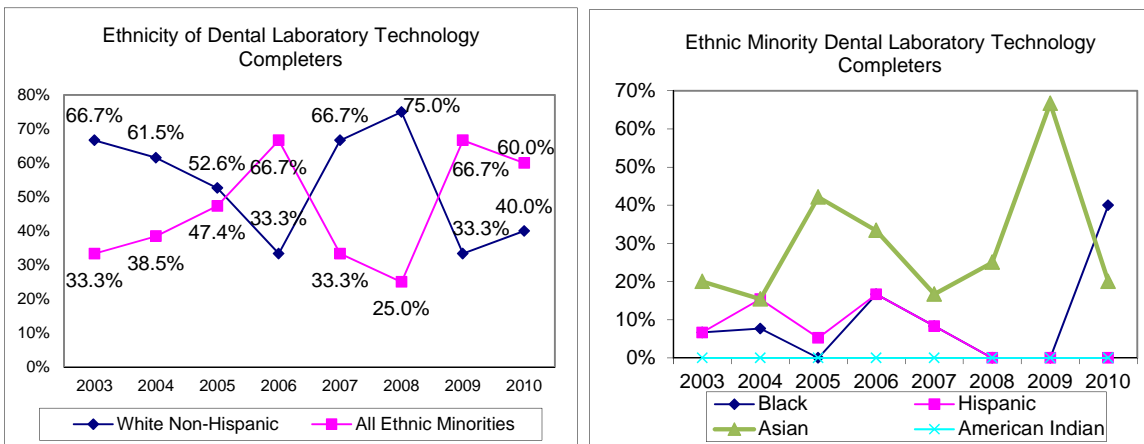
Dental Laboratory Technology/Technician Program Completers (CIP 51.0603)



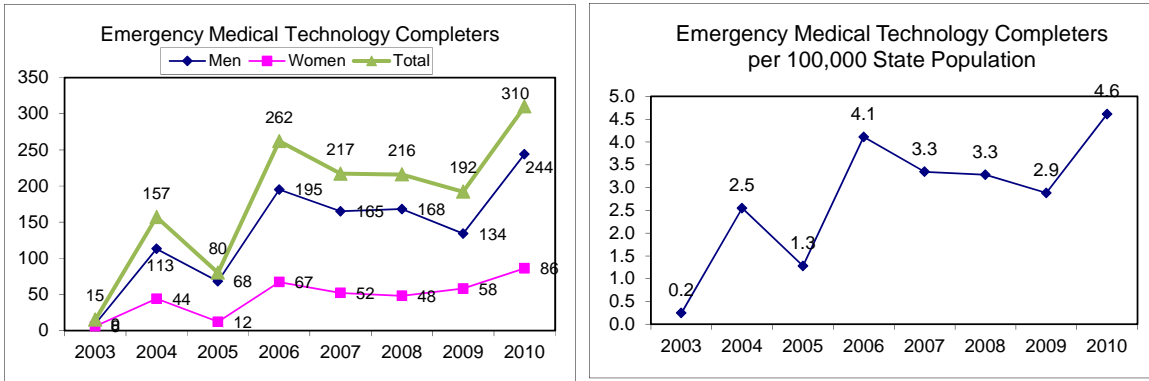
- One technical college offered a Dental Laboratory Technology/Technician program in 2010.
- The number of program completion credentials from 2003-2010 are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	2	5	4	1	3	1	1	2
Associate	3	2	6	3	3	3	3	3
2 to 4 years	10	10	9	3	6	1	0	0

- Total annual program completions decreased by 67% from 2003 to 2010, however with the number of completions per year being low, a small variance in any one year can give a false impression of the significance of the percent of change.
- Completions per 100,000 population decreased by 70% from 2003 to 2010.
- 100% of program completers were female in 2010 compared to 20% in 2003.



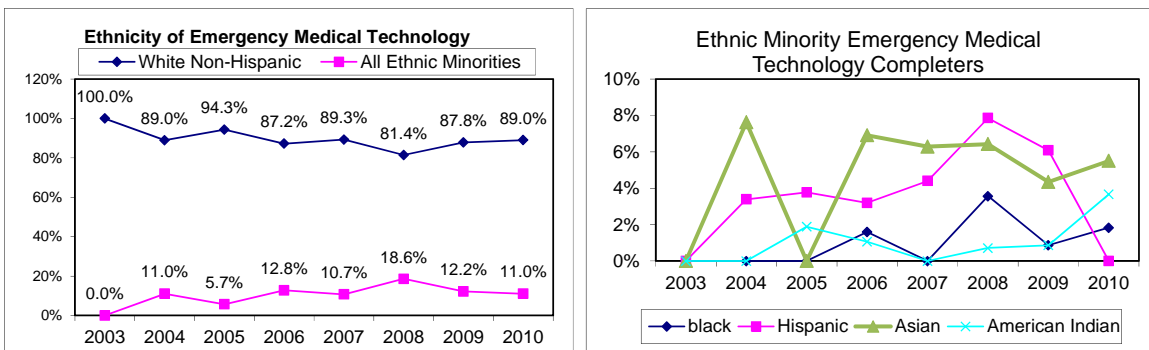
Emergency Medical Technology/Technician Program Completers (CIP51.0904)



- Six community state and technical colleges offered Emergency Medical Technology programs in 2010 down from eight in 2008.
- There are several types of Emergency Medical Technology/Technician Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010**
Less than two years	0	140	63	246	194	197	172	123
Associate	8	7	9	10	9	8	7	6
Baccalaureate	7	10	8	6	14	11	13	10
Certificate of completion								171

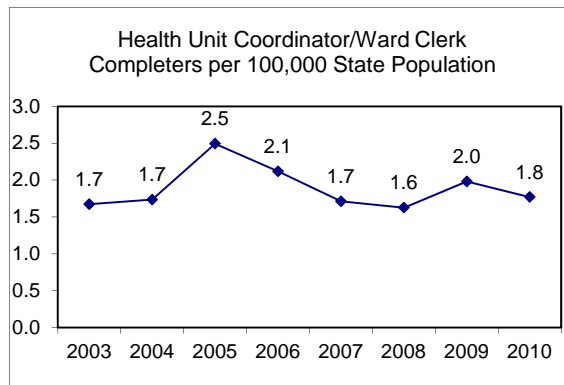
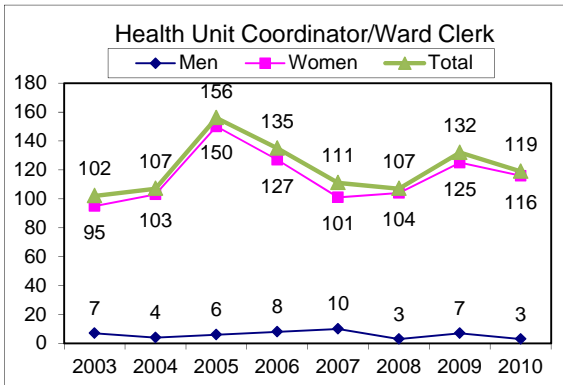
- Total annual program completions increased by 97.5% from 2004 to 2010 and 159.3 % from 2008.
- Completions per 100,000 population increased by 40.6% from 2008.
- 27.7% of program completers were female in 2010 compared to 22.2% in 2008.



* 2003, 2004 and 2010, IPEDS completion data was supplemented with data from the State Board of Community and Technical Colleges (SBCTC).

**In 2010 SBCTC added a Certificate of Completion credential.

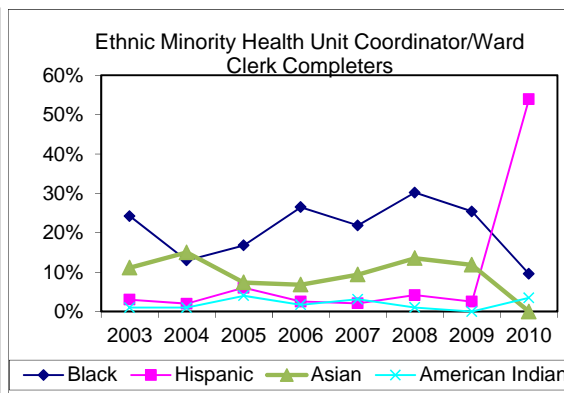
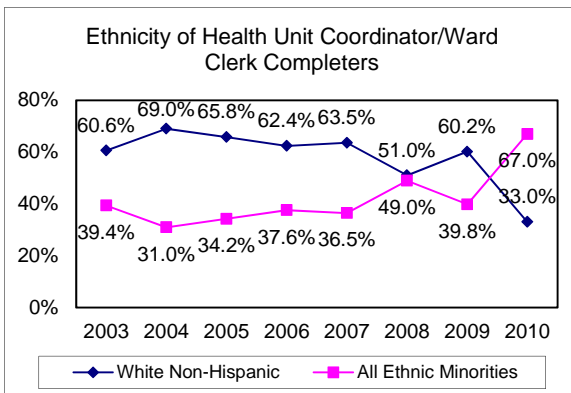
Health Unit Coordinator/Ward Clerk Program Completers (CIP 51.0703)



- Six community, state and technical colleges offered Health Unit Coordinator/Ward Clerk programs in 2010, up by one in 2008
- There are two types of Health Unit Coordinator/Ward Clerk Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

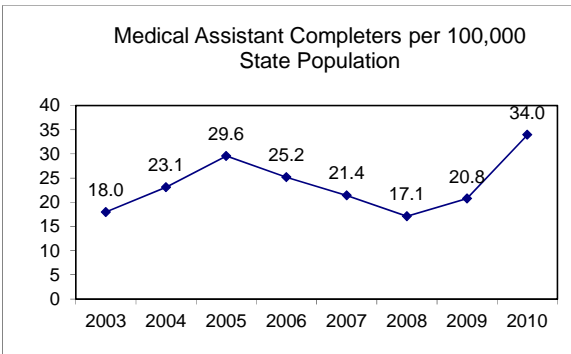
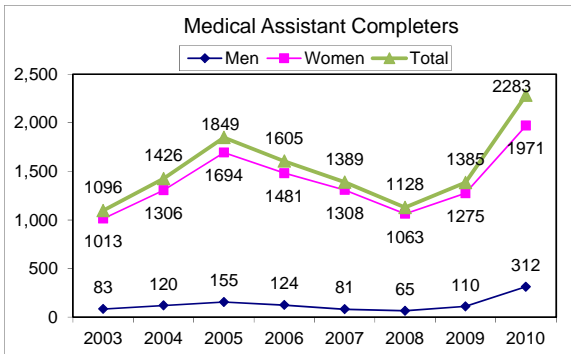
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	101	101	148	135	110	106	129	114
Associate	1	6	8	0	1	1	3	5

- Total annual program completions increased by 16.7% from 2003 to 2010 which is up from 4.9% between 2003 and 2008.
- Completions per 100,000 population increase by 5.8% over the same time period and increased by 9% from 2008.
- 97.5% of program completers were female in 2010 compared to 93.1% in 2003 and 97.2% in 2008.



* 2003, IPEDS completion data was supplemented with data from the SBCTC.

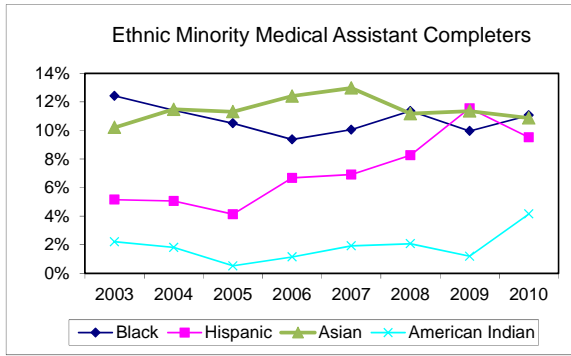
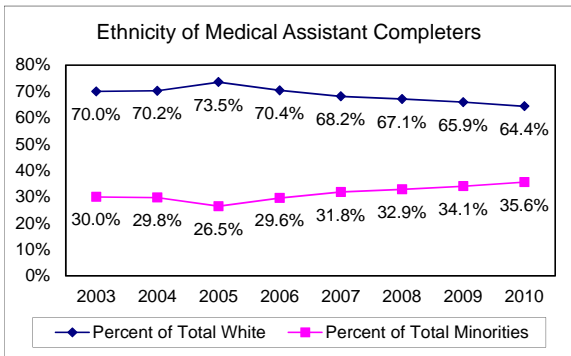
Medical/Clinical Assistant (CIP 51.0801)



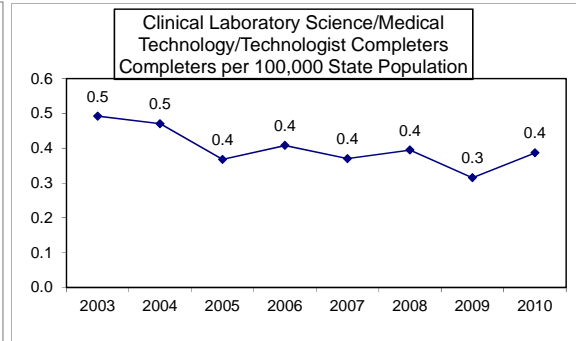
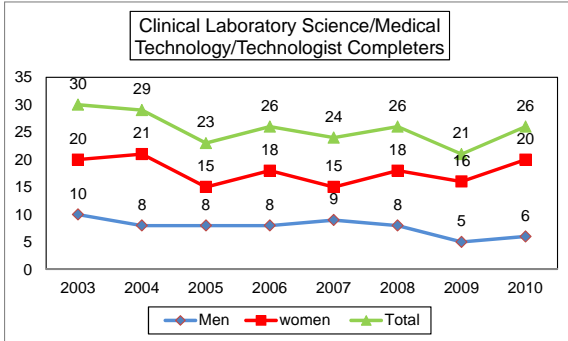
- Twenty-nine community, state and technical colleges and college offered Medical/Clinical Assistant programs in 2010 up from 27 in 2008.
- There have been three types of Medical/Clinical Assistant Program credentials in Washington but only two as of 2009. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	984	1261	1690	1422	1228	968	1244	2076
Associate	95	164	155	174	149	157	141	207
2 to 4 years	17	1	4	9	12	3	0	0

- Total annual program completions increased by 108.3% between 2003 and 2010, and by 102.4% from 2008.
- Completions per 100,000 population increased by 88.9% from 2003 and 2010.
- 86.3% of program completers were female in 2010 compared to 92.4% in 2003 and 94.2% in 2008.



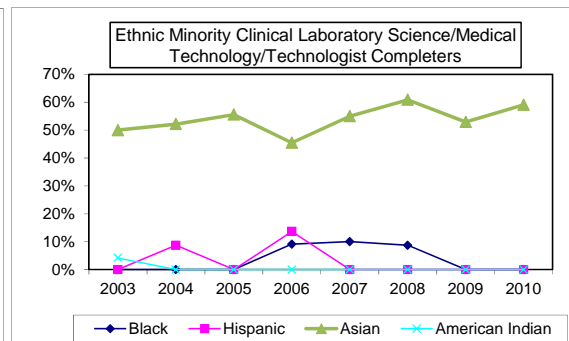
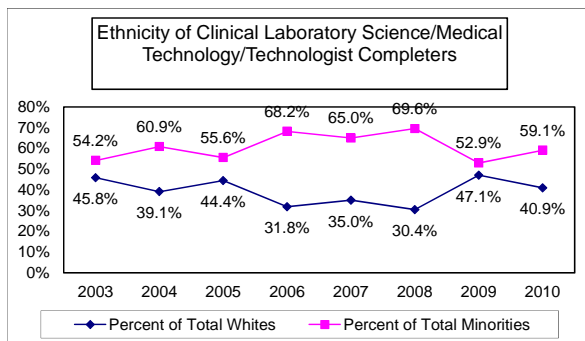
Clinical Laboratory Science/Medical Technology/Technologist (CIP 51.1005)



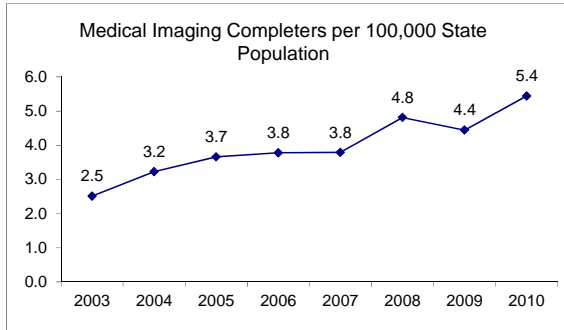
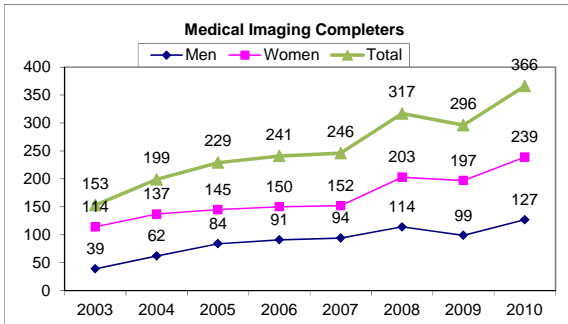
- Two state and private universities offered Clinical Laboratory Science/Medical Technology/Technologist programs in 2010 the same as in 2008
- There is one type of Clinical Laboratory Science/Medical Technology/Technologist program offered in Washington. The number of program completions from 2003-2010 are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Baccalaureate	30	29	23	26	24	26	21	26

- Two state and private universities offered Clinical Laboratory Science/Medical Technology/Technologist programs in 2010 the same as in 2008.
- Total annual program completions decreased by 13 percent between 2003 and 2010 the same as in 2008. With the number of completions per year being low, a small variance in any one year can give a false impression of the significance of the percent of change.
- Completions per 100,000 population decreased by 21.4% from 2003 to 2010.
- 77 percent of program completers were female in 2010 compared to 67% in 2003.



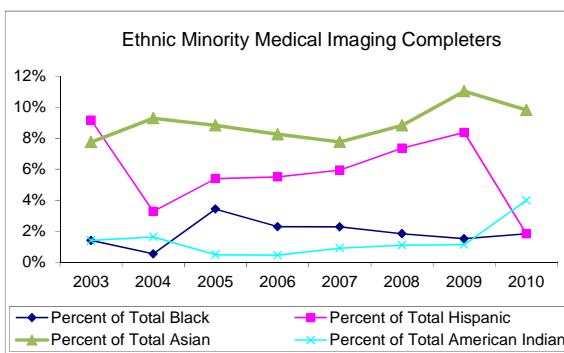
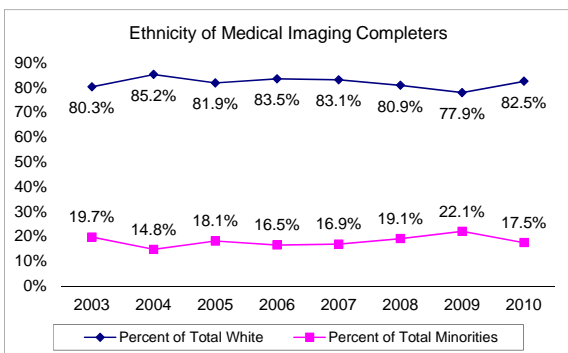
Medical Imaging (Radiology) (CIPs 51.0905, 0907, 0910 and 0911)



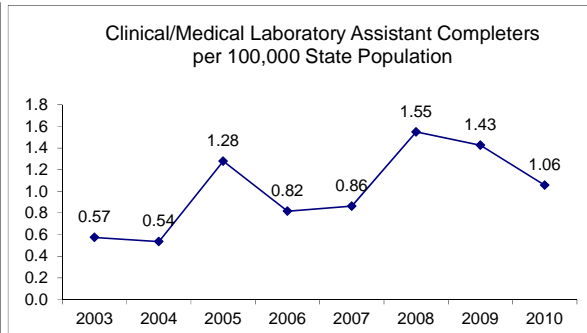
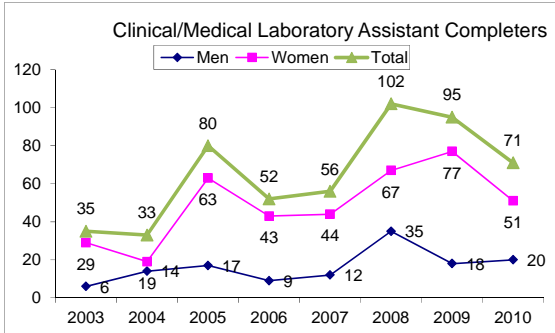
- Twelve community, state and technical colleges offered Medical Imaging (Radiology) programs in 2010, up from 11 in 2008. The programs include: Nuclear Medical Technology/Technologist; Medical Radiologic Technology/Science - Radiation Therapist; Diagnostic Medical Sonography/Sonographer & Ultrasound Technician; and Radiologic Technology/Science - Radiographer.
- The number of program completion credentials from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	10	13	8	14	13	12	11	45
Associate	123	167	206	209	207	285	265	305
Baccalaureate	20	19	15	18	23	20	20	16

- Total annual program completions increased by 139.2% between 2003 and 2010, up from 107.2% in 2008.
- Completions per 100,000 population increased by 116.9 % over the same time period.
- 65.3% of program completers were female in 2010 compared to 74.5% in 2003.



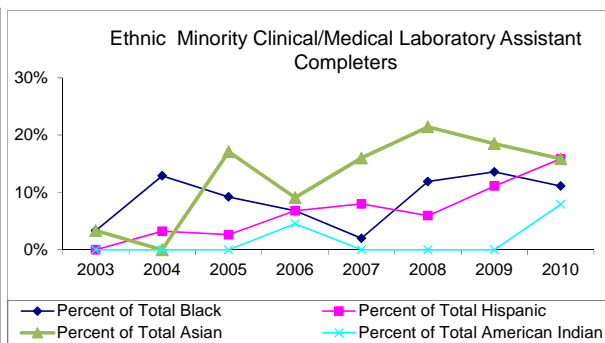
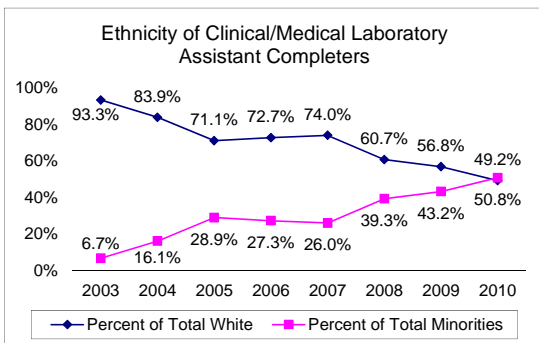
Medical/Clinical Laboratory Assistant (CIP 51.0802)



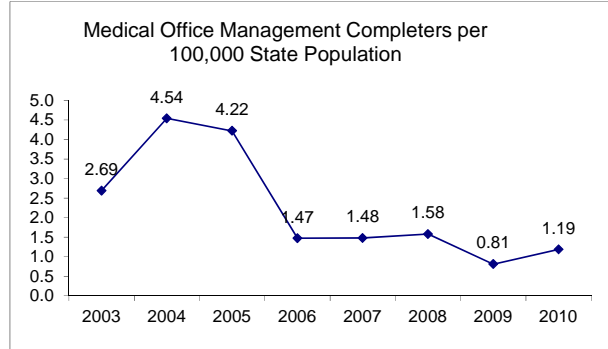
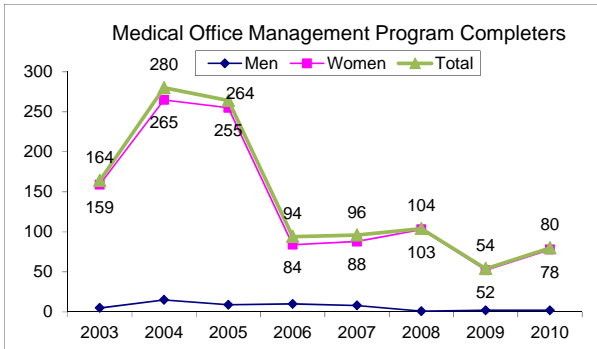
- Five community, state and technical colleges offered Clinical/Medical Laboratory assistant programs in 2010 down from 8 in 2008.
- There are two types of Medical/Clinical Laboratory Assistant Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	11	3	37	16	17	50	56	39
Associate	0	0	24	30	43	36	39	32

- Total annual program completions increased by 102.9% between 2003 and 2010 but decreased by 30.4% from 2008.
- Completions per 100,000 population increased by 84% over the same time period.
- 71.8% of program completers were female in 2010 compared to 45.3% in 2003.



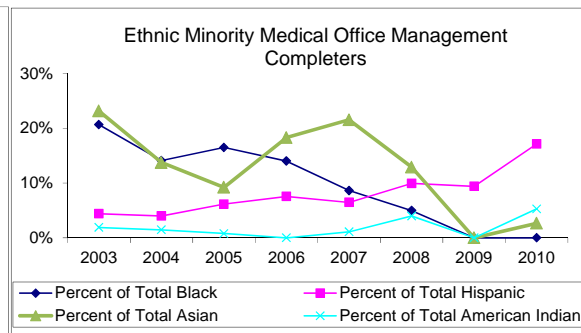
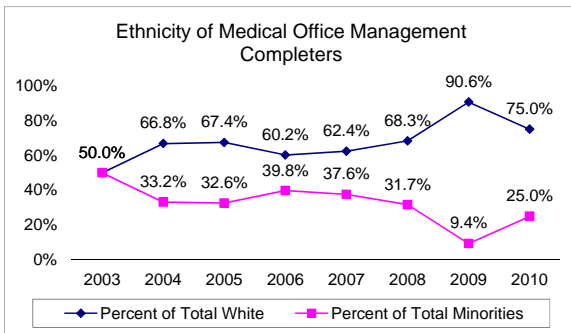
Medical Office Management Administration (CIP 51.0705)



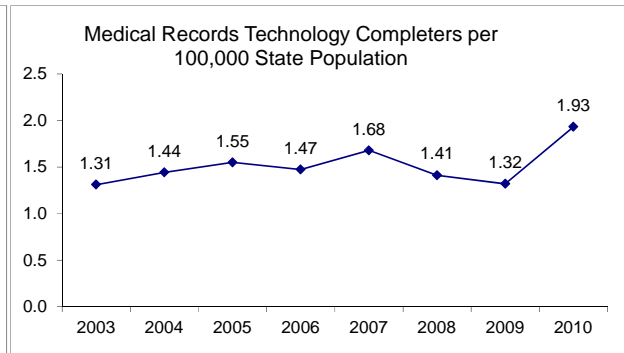
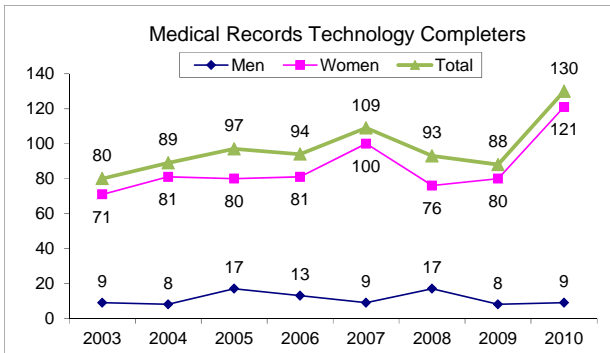
- Four community, state and technical colleges in offered Medical/Clinical Assistant programs in 2010, down from five in 2008.
- There are two types of Medical Office Management Administration Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	161	276	259	93	95	98	52	71
Associate	3	4	5	1	1	6	2	9

- Total annual program completions decreased by 35.4% between 2003 and 2010.
- Completions per 100,000 population decreased by 55.8% from 2003 to 2010.
- 97.5% of program completers were female in 2010 about the same as in 2003.



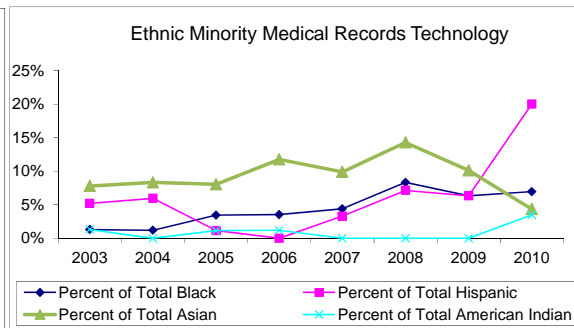
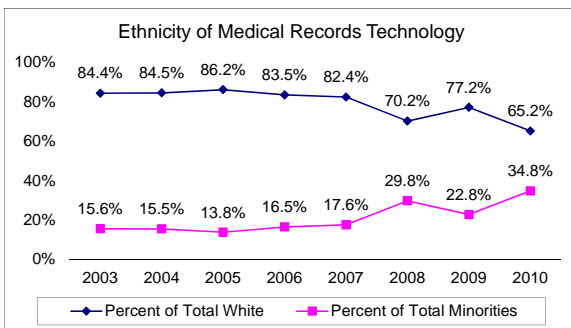
Medical Records Technology/Technician (CIP 51.0707)



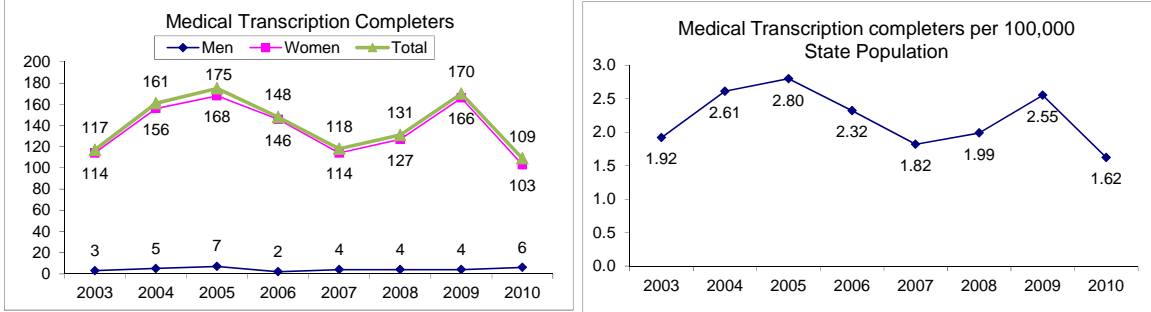
- Eleven community, state and technical colleges offered Medical Records Technology/Technician programs in 2010, one more than in 2008.
- There are two types of Medical Records Technology/Technician Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	48	37	44	47	55	40	47	81
Associate	32	52	53	47	54	53	41	49

- Total annual program completions increased by 62.5% between 2003 and 2010.
- Completions per 100,000 population increased by 47.4% over the same time period.
- 93.1% of program completers were female in 2010 compared to 88.8% in 2003.



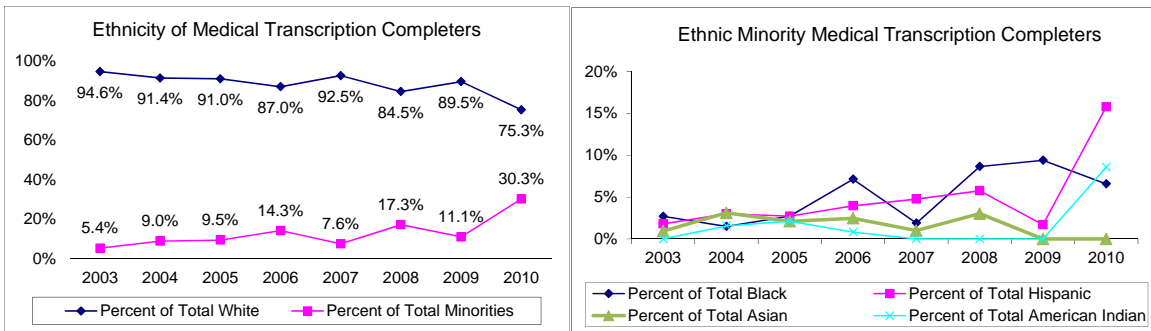
Medical Transcription (CIP 51.0708)



- Thirteen community, state and technical colleges offered Medical Transcription programs in 2010.
- There is one type* of Medical Transcription Program credential in Washington. The number of program completions from 2003-2010 are as follows:

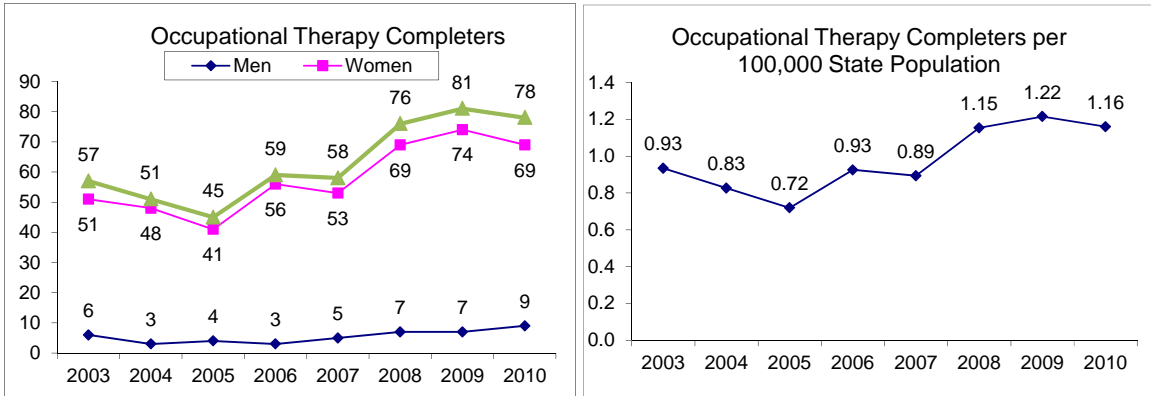
Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	116	161	174	148	118	129	170	109

- Total annual program completions decreased by 6.8% between 2003 and 2010, and decreased by 16.8% from 2008.
- Completions per 100,000 population decreased by 15.5% from 2003, and by 18.5 percent in 2008.
- 94.5% of program completers were female in 2010 compared to 97.4% in 2003.



* SBCTC records indicate there were an additional 34 students who left the program in 2010 with 45 or more credits but no certificate or credential.

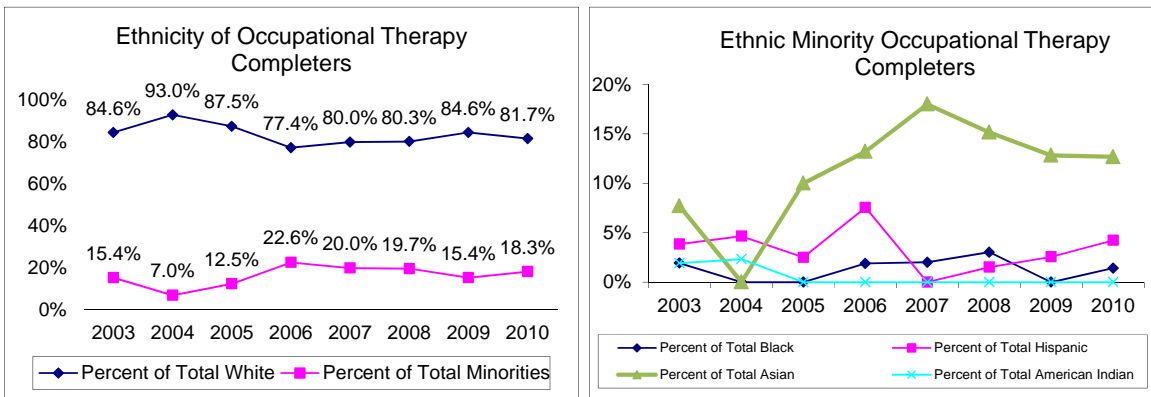
Occupational Therapy (CIP 51.2306)



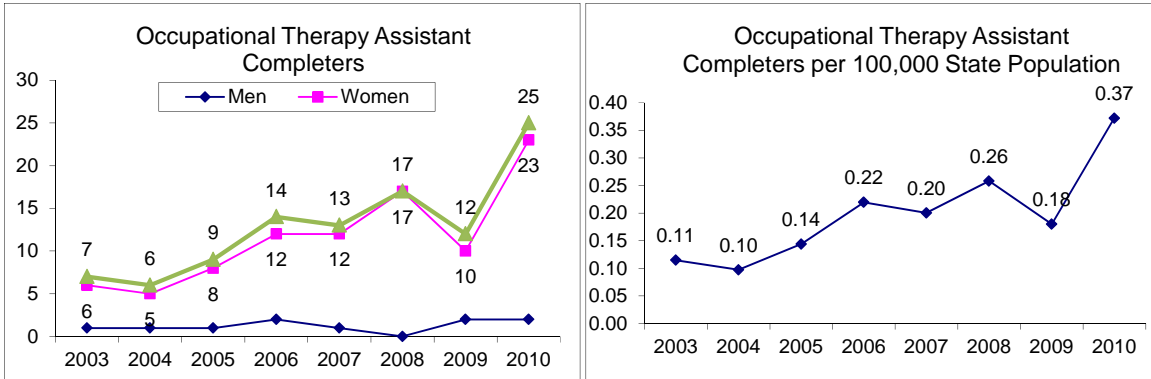
- Three universities offered Occupational Therapy programs in 2010.
- There are two types of Occupational Therapy Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Baccalaureate	23	21	14	16	15	1	0	0
Master's	34	30	31	43	43	75	81	78

- Total annual program completions increased by 36.8% between 2003 and 2010.
- Completions per 100,000 population increases by 24.1% over the same time period.
- 88.5% of program completers were female in 2010 compared to 89.5% in 2003.



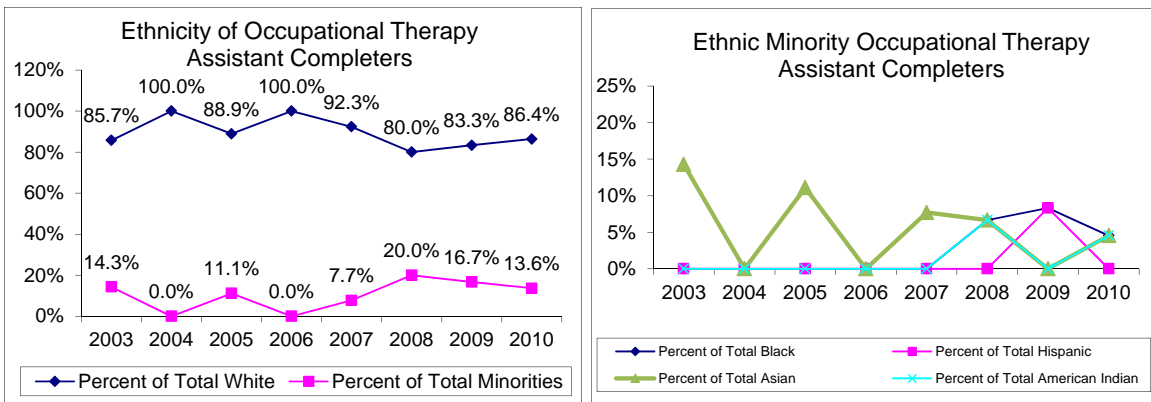
Occupational Therapy Assistant (CIP 51.0803)



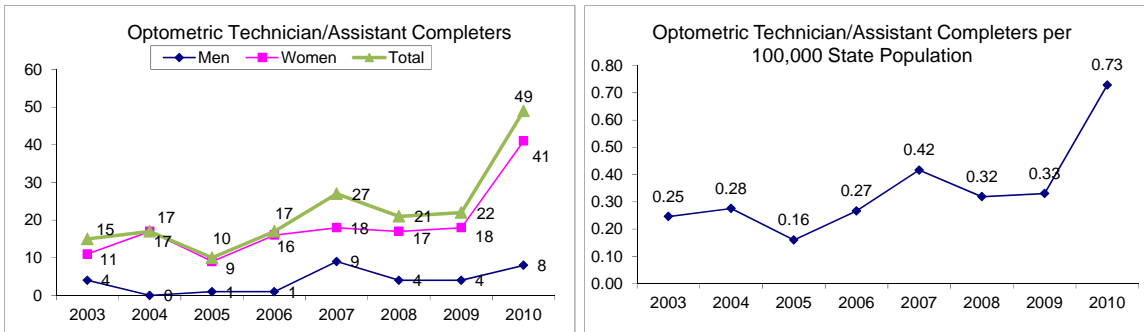
- One community college offered an Occupational Therapy Assistant program in 2010.
- There is one type of Occupational Therapy Assistant Program credential in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Associate	7	6	9	14	13	17	12	25

- Total annual program completions increased by 257% from 7 to 25 between 2003 and 2010. With the number of completions per year being low, a small variance in any one year can give a false impression of the significance of the percent of change.
- Completions per 100,000 population increased by 223.9% over the same time period.
- 92% of program completers were female in 2010 compared to 85.7% in 2003 and 100% in 2008.



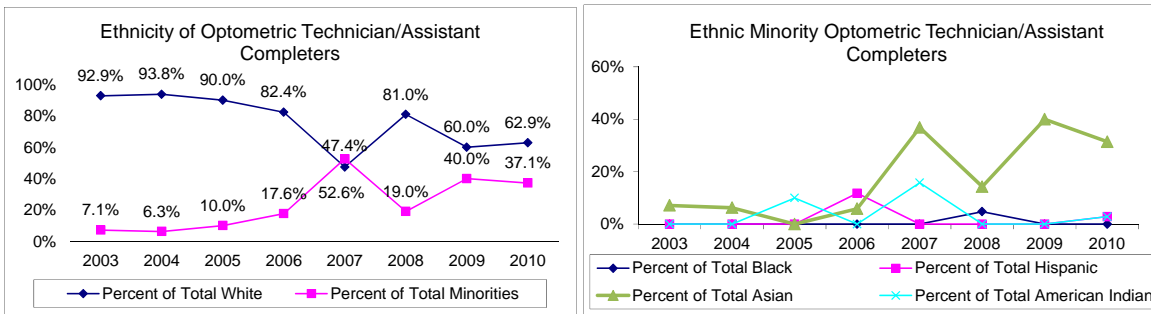
Optometric Technician Assistant (CIP 51.1802)



- Two community, state and technical colleges offered an Optometric Technician Assistant program in 2010.
- There are two types of Optometric Technician Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

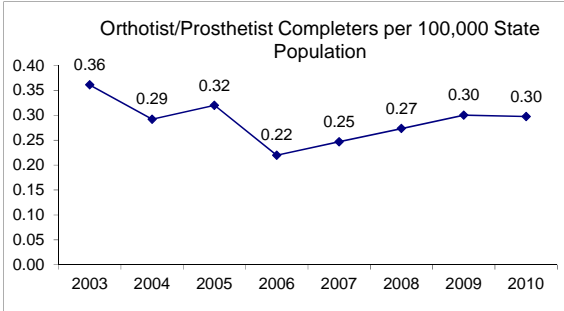
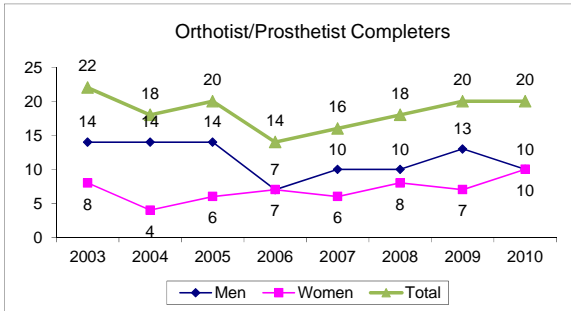
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	10	9	8	9	21	14	14	34
Associate	5	8	2	8	6	7	8	15

- Total annual program completions increased by 226% between 2003 and 2010.
- Completions per 100,000 population increased by 196.2% over the same time period.
- 83.7% of program completers were female in 2010 compared to 73.3% in 2003



* 2003, 2008 and 2010, IPEDS completion data was supplemented with data from SBCTC.

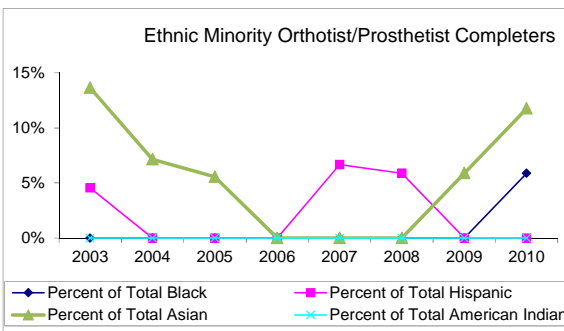
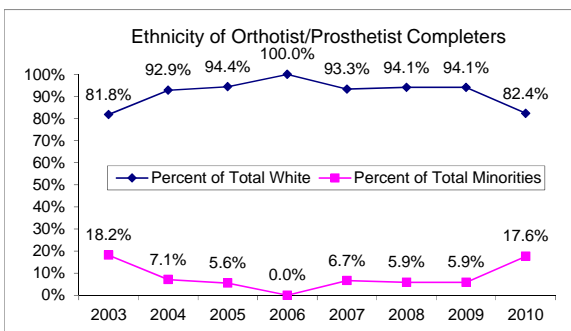
Orthotist/Prosthetist (CIP 51.2307)



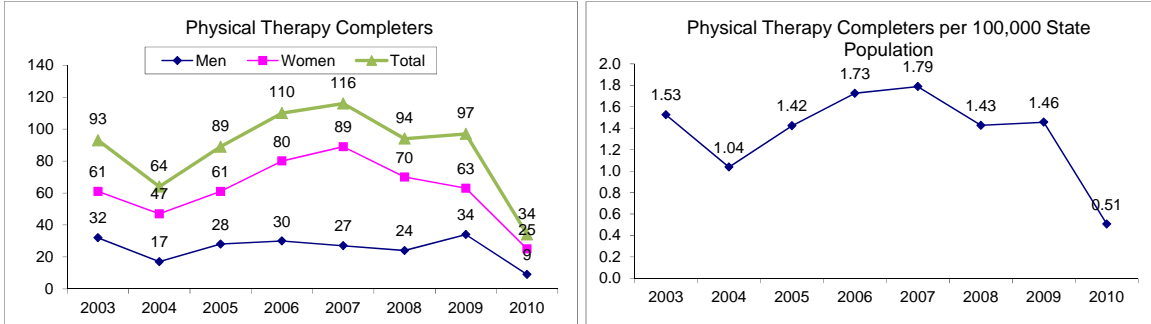
- One community college and one state university offered an Orthotist/Prosthetist program in 2010.
- There are three types of Orthotist/Prosthetist Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	2	1	0	0	0	1	2	2
Associate	7	8	8	5	6	6	8	6
Baccalaureate	13	9	12	9	10	11	10	12

- Although total annual program completions decreased by 9.1% between 2003 and 2010 the number of completers is small (22 in 2003 and 20 in 2010) which can misrepresent the significance of the percent of change.
- Completions per 100,000 population decreased by 17.6% from 2003 to 2010.
- 50% of program completers were female in 2010 compared to 36.4% in 2003.



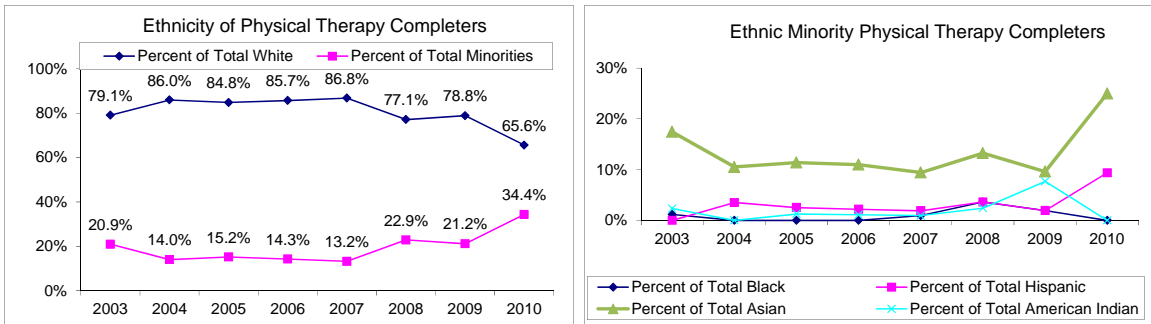
Physical Therapy (CIP 51.2308)



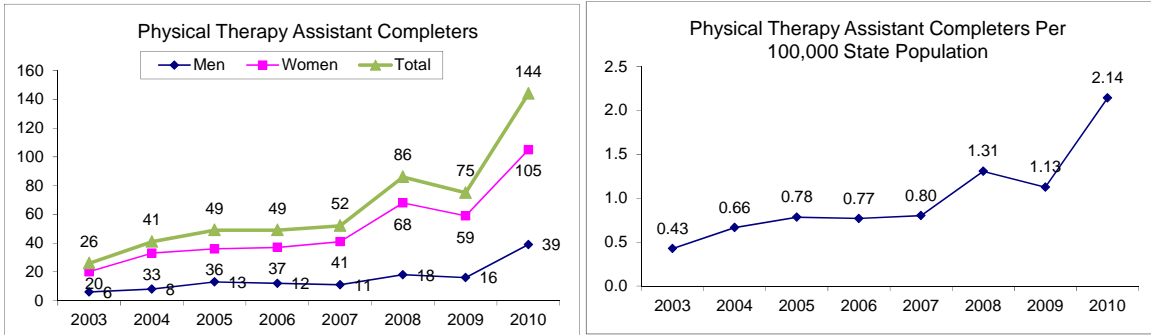
- One university offered a Physical Therapy program in 2010 which is down from three in 2008
- There have been two types of Physical Therapy Program credentials in Washington, but since 2008 only doctoral programs have had graduates.
- The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Master's	93	64	42	46	53	0	0	0
Doctoral	0	0	47	64	63	94	97	34

- The total annual program completions decreased by 63.4% between 2003 and 2010.
- Completions per 100,000 population decreased by 66.8% from 2003 to 2010.
- 73.5% of program completers were female in 2010 compared to 65.6% in 2003.



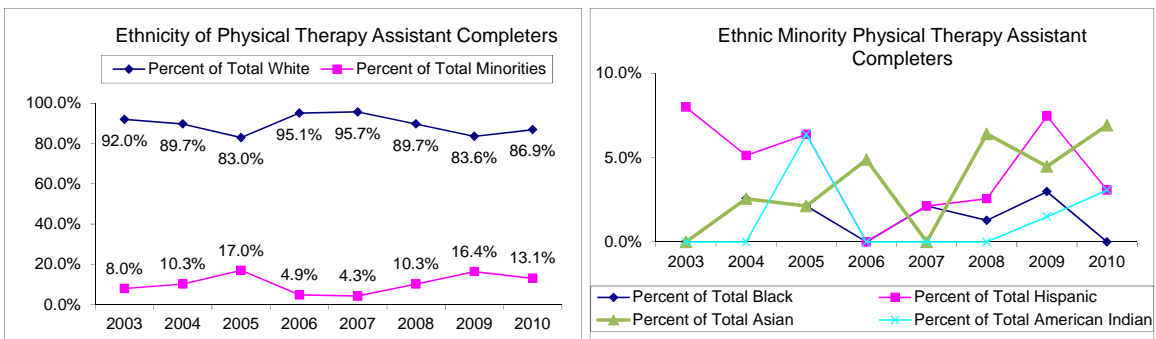
Physical Therapy Assistant (CIP 51.0806)



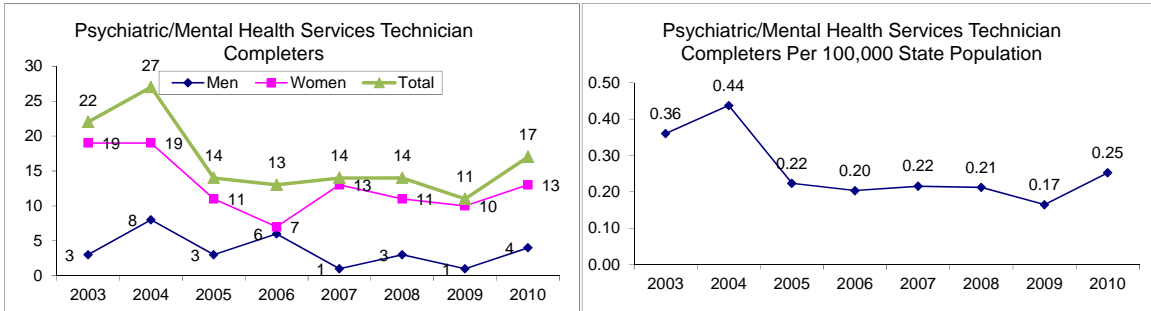
- Five community colleges offered Physical Therapy Assistant programs in 2010.
- There is one type of Physical Therapy Assistant Program credential in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Associate	26	41	49	49	52	86	75	144

- Total annual program completions increased by 453.8% between 2003 and 2010 and by 67.4% from 2008.
- Completions per 100,000 population increased by 402.3% between 2003 and 2010.
- 57.8% of program completers were female in 2010 compared to 56.5% in 2003.



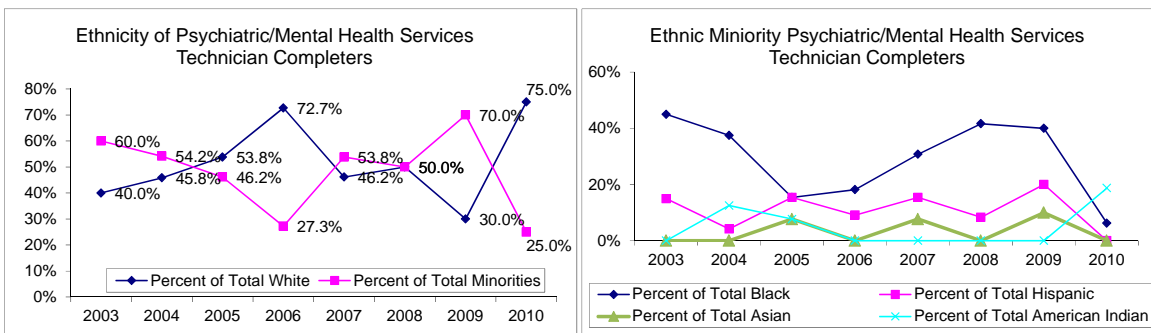
Psychiatric/Mental Health Services Technician (CIP 51.1502)



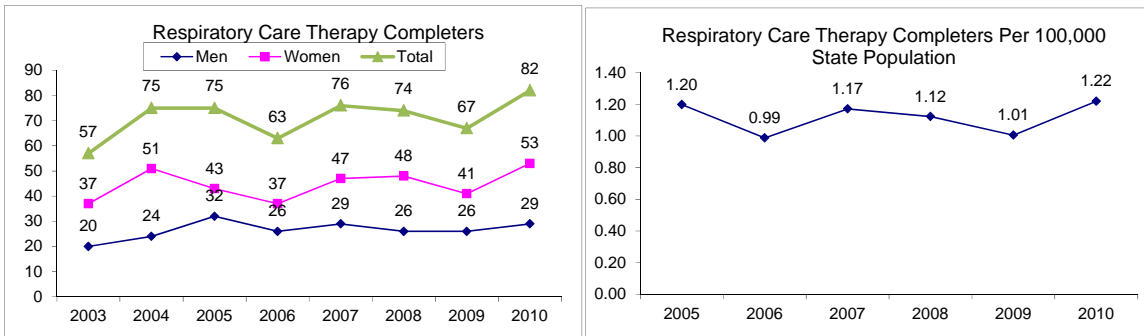
- Two community colleges (one with two branch locations) offered Psychiatric/Mental Health Services Technician programs in 2010.
- There are two types of Psychiatric/Mental Health Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	21	22	10	9	11	12	9	13
Associate	1	5	4	4	3	2	2	4

- Total annual program completions decreased by 22.7% between 2003 and 2010.
- Completions per 100,000 population decreased by 29.9% between 2003 and 2010.
- 76.5% of program completers were female in 2010 compared to 86.4% in 2003.



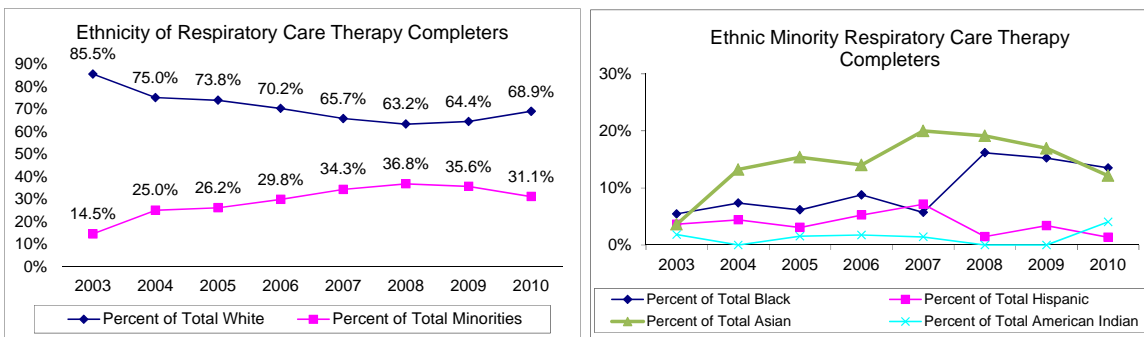
Respiratory Care Therapy (CIP 51.0908)



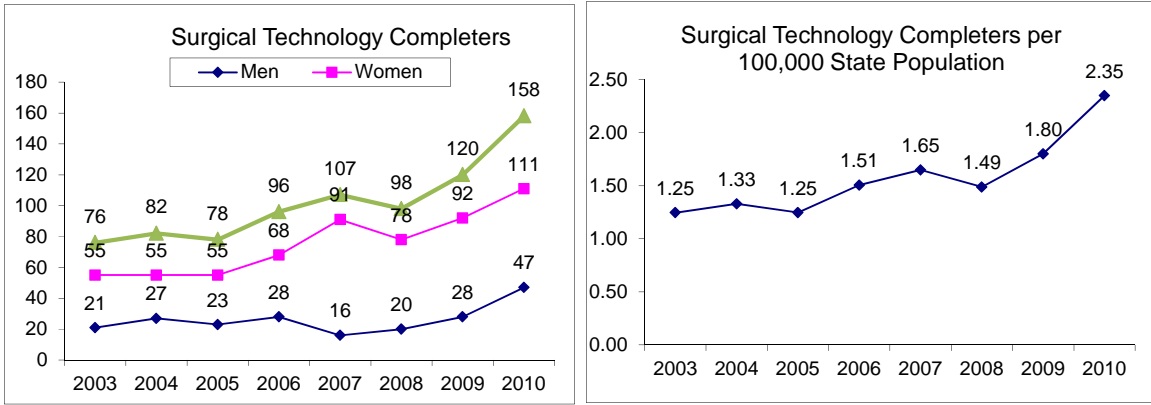
- Five community colleges or medical institutes in the state offered Respiratory Care Therapy programs in 2010, up from four in 2008.
- There have been two types of Respiratory Care Therapy Program credentials in Washington though currently only the Associates Degree program is used. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Associate	47	65	75	63	76	74	67	82
2 to 4 years	10	10						

- Total annual program completions increased by 43.9% between 2003 and 2010.
- Completions per 100,000 population increased by 30.5% from 2003 to 2010.
- 65% of program completers were female in 2010, the same as in 2003.



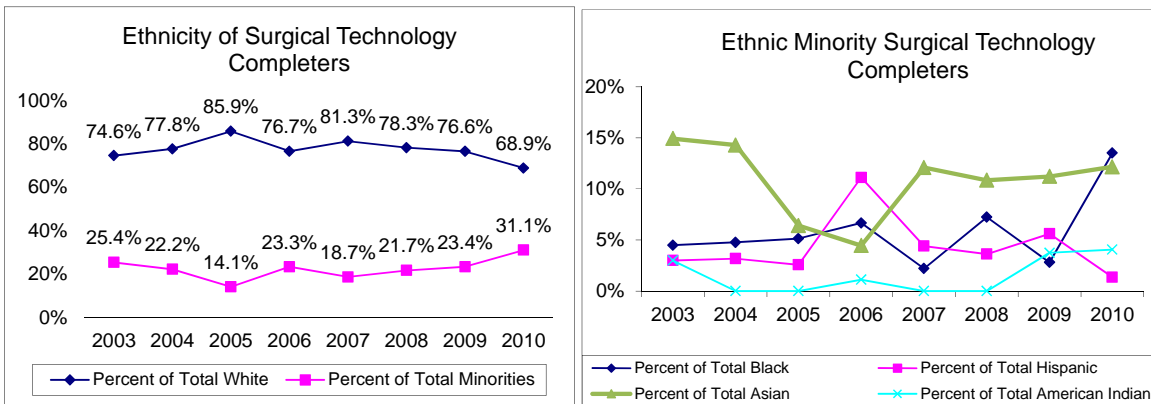
Surgical Technology Program (CIP 51.0909)



- Nine state and community colleges offered Surgical Technology programs in 2010 up from six in 2008
- There are two types of Surgical Technology program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

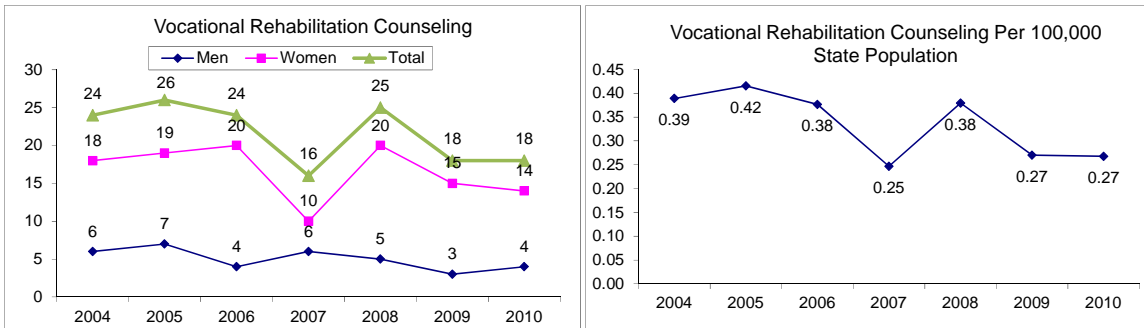
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	59	67	54	56	69	52	62	94
Associate	17	15	24	40	38	46	58	64

- Total annual program completions increased by 107.9 between 2003 and 2010, up from 61.2% between 2003 and 2008.
- Completions per 100,000 population increased by 88.5% from 2003 to 2010.
- 70.3% of program completers were female in 2010 compared to 72.4% in 2003.



* IPEDS completion data was supplemented with data from SBCTC for 2003-2008.

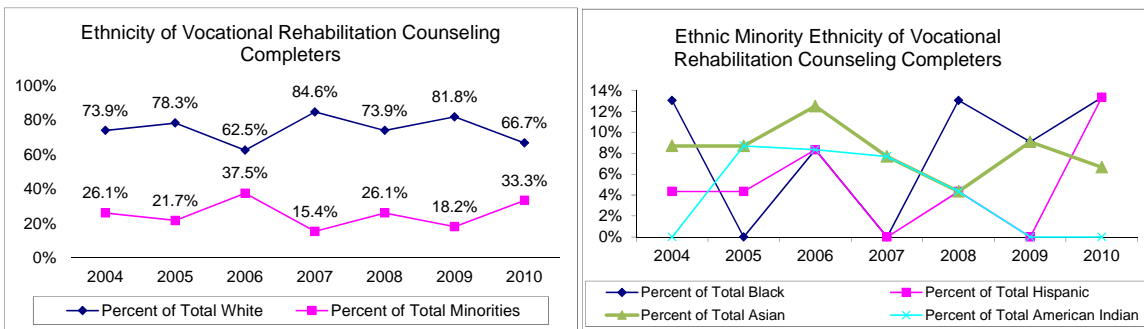
Vocational Rehabilitation Counseling (CIP 51.2310)



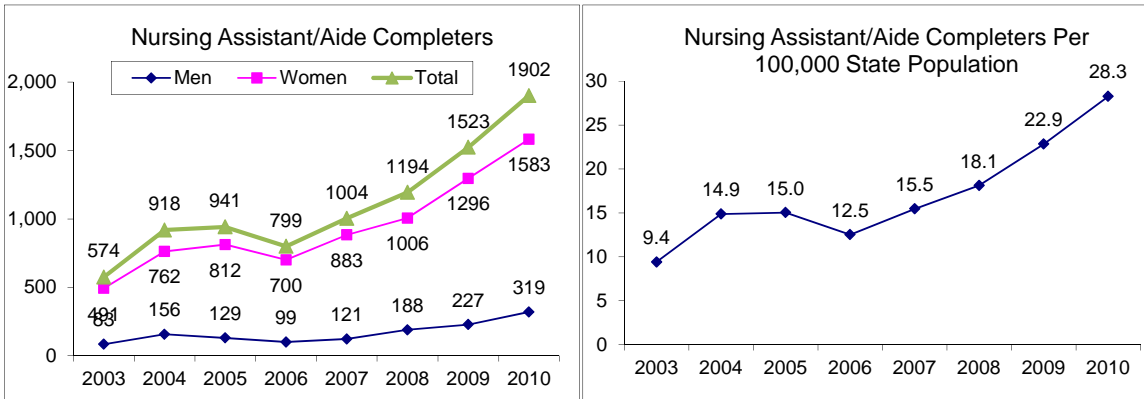
- One university and one community college offered Vocational Rehabilitation Counseling programs in 2010
- Two types of Vocational Rehabilitation Counseling program credentials were offered in 2010.
- Neither IPEDS nor SBCTC reflected any program completions in 2003.
- The number of program completions by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Associate	0	9	8	5	2	5	1	5
Master's	0	14	18	19	14	20	17	13

- Total annual program completions decreased by 25% between 2004 and 2010.
- Completions per 100,000 population decreased by 31.2% from 2004 and 2010.
- 79% of program completers were female in 2010 compared to 75% and 2004.



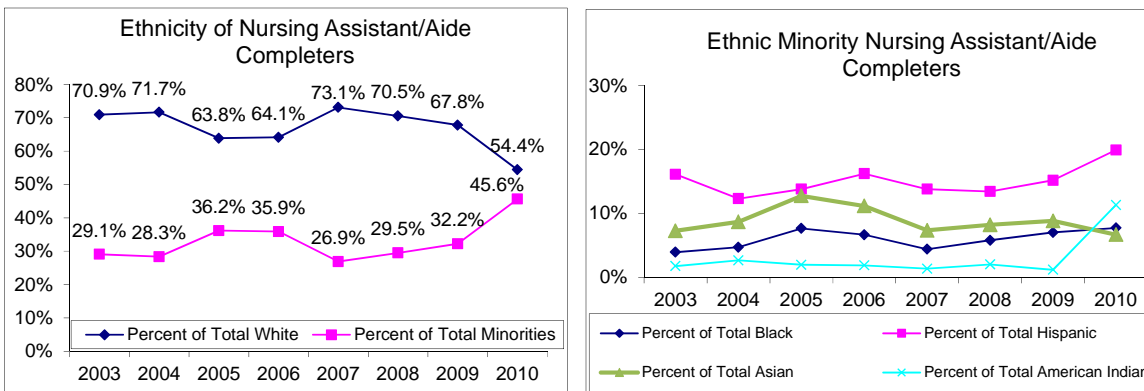
**Nursing Assistant/Aide (CIP 51.1614)
changed to Nursing Assistant/Aide and Patient Care (51.3902) in 2010**



- Twenty-five state, community and technical colleges offered Nursing Assistant/Aide programs in 2010 up from 17 in 2008.
- The number of program completions from 2003-2010 are as follows:

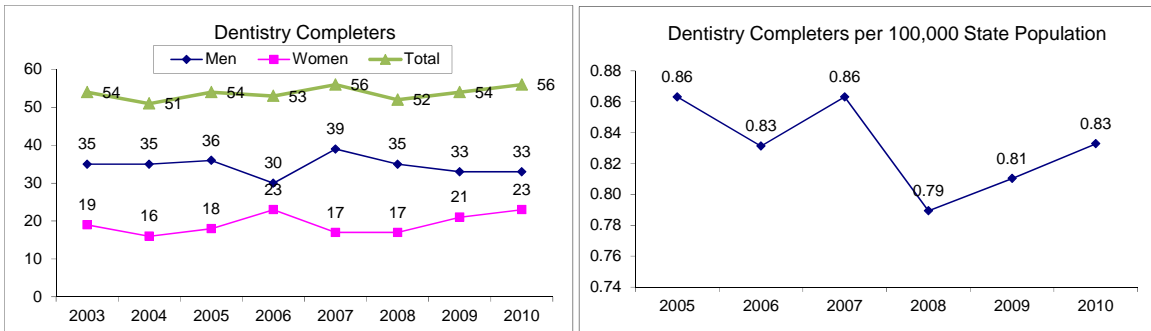
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	574	918	941	799	1,004	1,194	1,296	1,583

- Total annual program completions increased by 231.4% between 2003 and 2010 and by 59.3% from 2008.
- Completions per 100,000 population increased by 200.5% from 2003 to 2010.
- 83.2% of program completers were female in 2010 compared to 85.5% in 2003.



* IPEDS completion data was supplemented with data from SBCTC for 2003 to 2008.

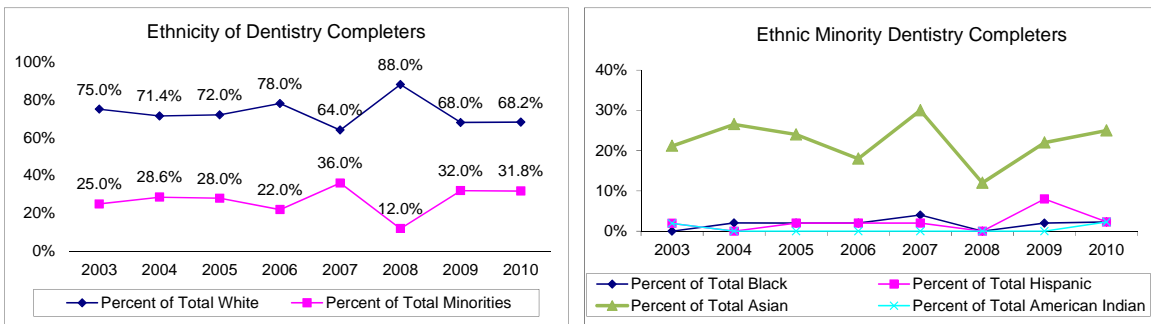
Dentistry (CIP 51.0401)



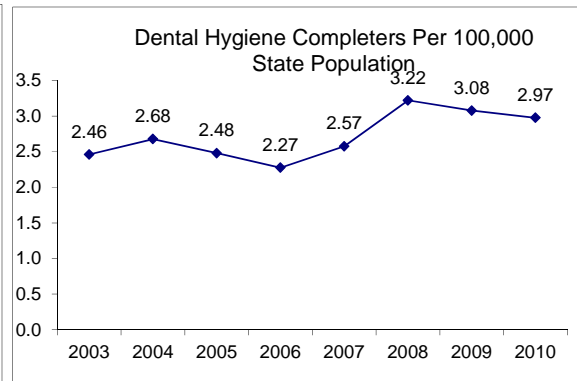
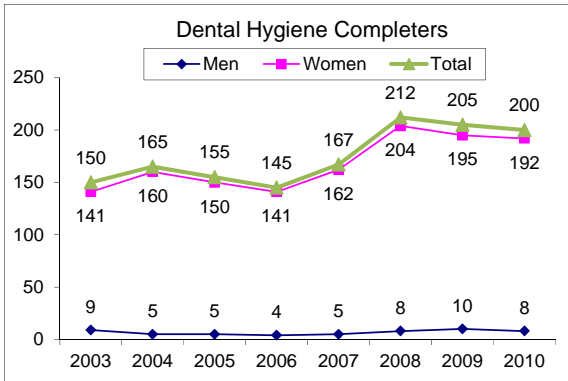
- One state university offered a Dentistry program in 2010.
- The number of program completions from 2003-2010 are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Professional Degree	54	51	54	53	56	52	54	56

- Total annual program completions increased by 3.7% between 2003 and 2010.
- Completions per 100,000 population decreased by 6% from 2003 to 2010.
- 41.1% of program completers were female in 2010 compared to 35.2% in 2003.



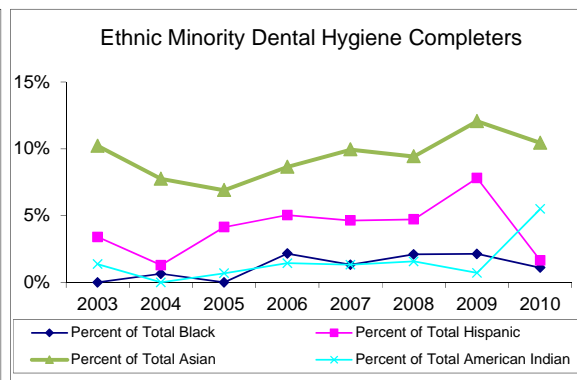
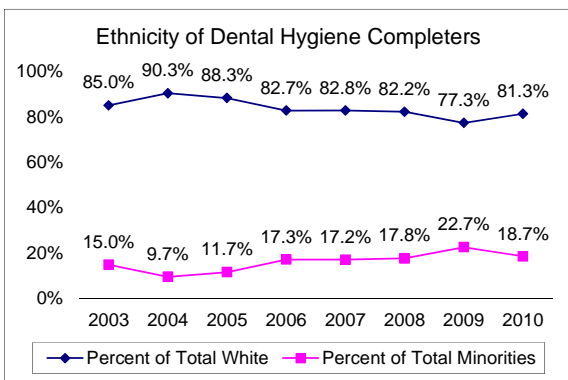
Dental Hygiene (CIP51.0602)



- Eight community, state colleges and universities offered Dental Hygiene programs in 2010.
- There are two types of Dental Hygiene program credentials in Washington. The number of program completions from 2003-20010 by type are as follows:

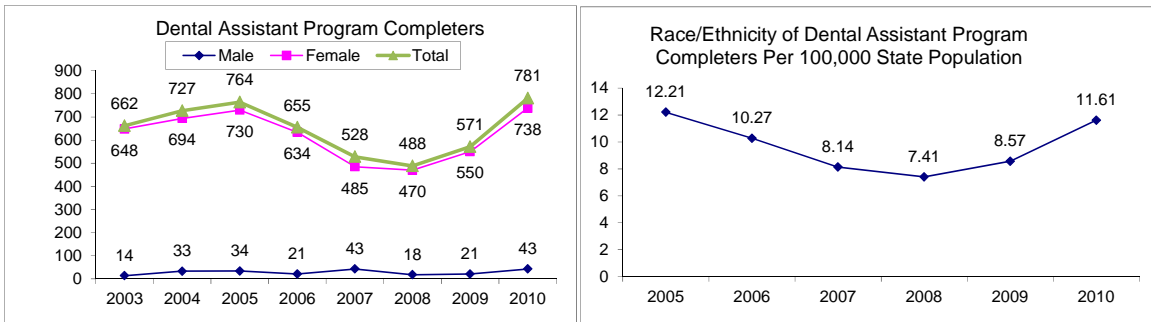
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Associate	114	119	98	95	109	146	152	148
Baccalaureate	36	46	57	50	58	66	53	52

- Total annual program completions increased by 33.3% between 2003 and 2010.
- Completions per 100,000 population increased by 20.9% from 2003 to 2010.
- 96% of program completers were female in 2010 compared to 94.0% in 2003.



* IPEDS completion data for Associate programs was supplemented with data from SBCTC for 2003-2008.

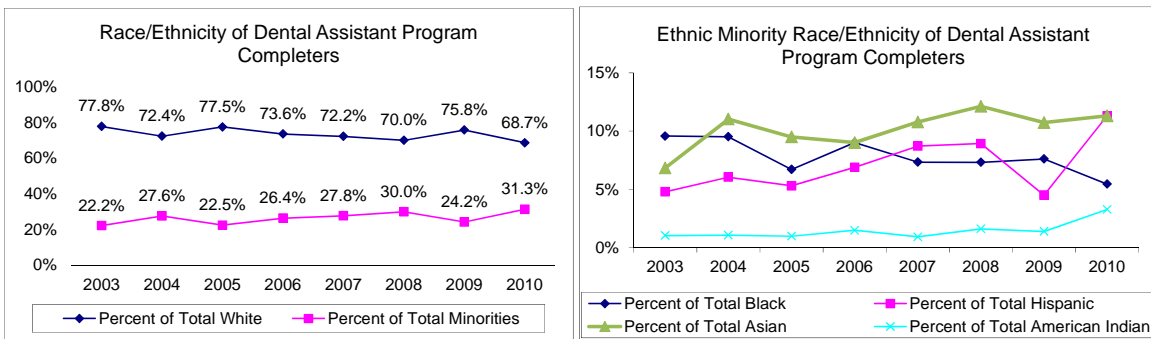
Dental Assistant (CIP 51.0601)



- Fourteen community, technical and state colleges offered Dental Assistant programs in 2010 down from 15 in 2008
- There have been three types of Dental Assistant program credentials in Washington but in 2009 and 2010 only two reported participant completions. The number of program completions from 2003-2010 by type are as follows:

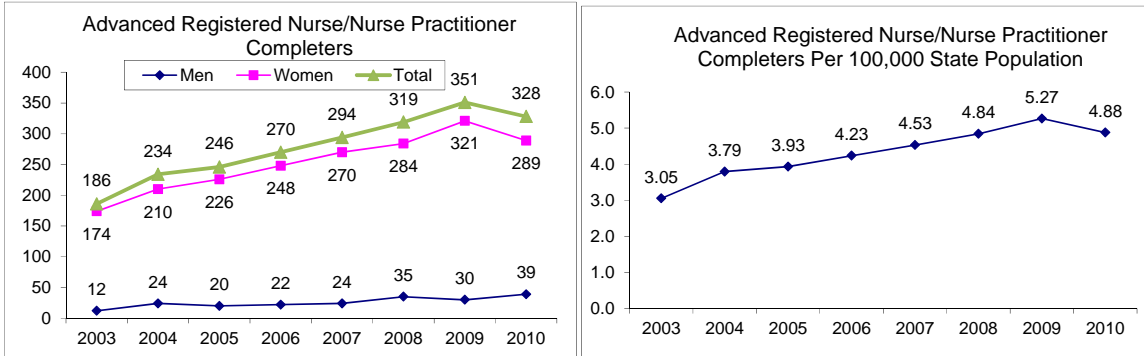
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	595	678	716	586	478	422	489	645
Associate	52	42	36	56	47	52	82	136
2 to 4 years	15	7	12	13	3	14	0	0

- Total annual program completions increased by 18% between 2003 and 2010 and by 60% from 2008.
- Completions per 100,000 population increased by 7% from 2003 to 2010.
- 94.5% of program completers were female in 2010 compared to 97.9% in 2003.



* IPEDS completion data was supplemented with data from SBCTC for 2003-2008.

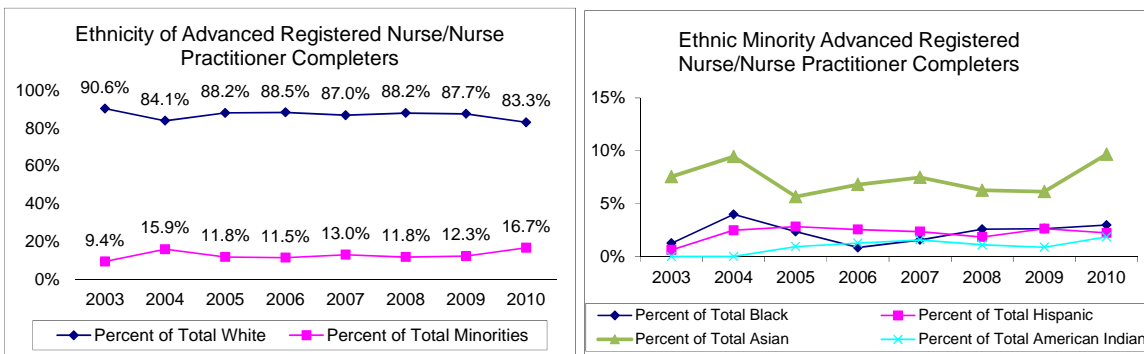
**Advanced Registered Nurse Practitioner (CIP 51.1605 and 1601)
changed to (51.3805 and 3801) in 2010**



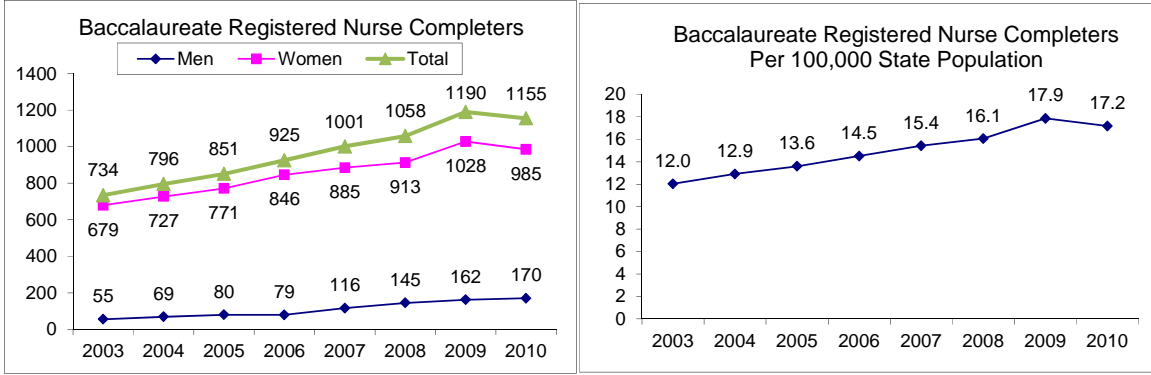
- Seven universities and branches offered Advanced Registered Nurse/ Nurse Practitioner programs in 2010.
- Nurse Practitioners and Registered Nurses having a degree or certificate at or above the master’s level were selected. Completion numbers are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Doctor's Degree	10	10	19	14	14	16	40	0
Master's Degree	176	224	227	254	280	302	311	328

- The total annual program completions increased by 76.3% between 2003 and 2010.
- Completions per 100,000 population increased by 59.9% from 2003 to 2010.
- 88% of program completers were female in 2010 compared to 93.5% in 2003.



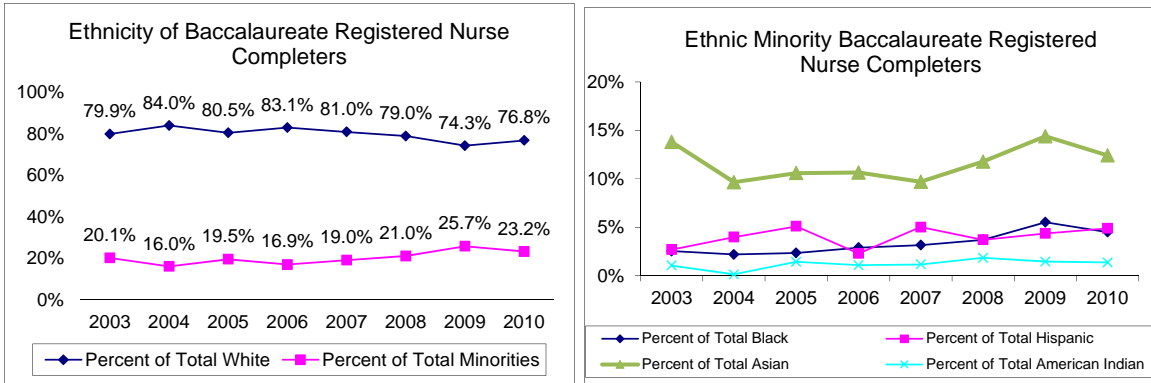
Baccalaureate Registered Nurse (CIP 51.1601), changed to (51.3801) in 2010



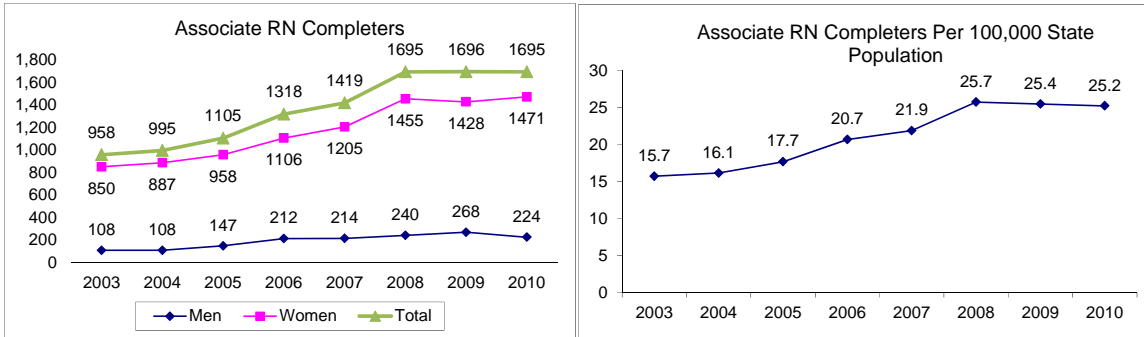
- Thirteen universities and colleges offered Registered Nurse programs at the Baccalaureate level in 2010 up from 12 in 2008.

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Baccalaureate	734	796	851	925	1001	1058	1190	1155

- Total annual program completions for baccalaureate level RNs increased by 57.4% between 2003 and 2010.
- Completions per 100,000 population increased by 42.7% from 2003 to 2010.
- Eighty-five percent of program completers were female in 2010 compared to 92.5% in 2003.
- The number of men completing baccalaureate level RN programs nearly doubled during this time frame.



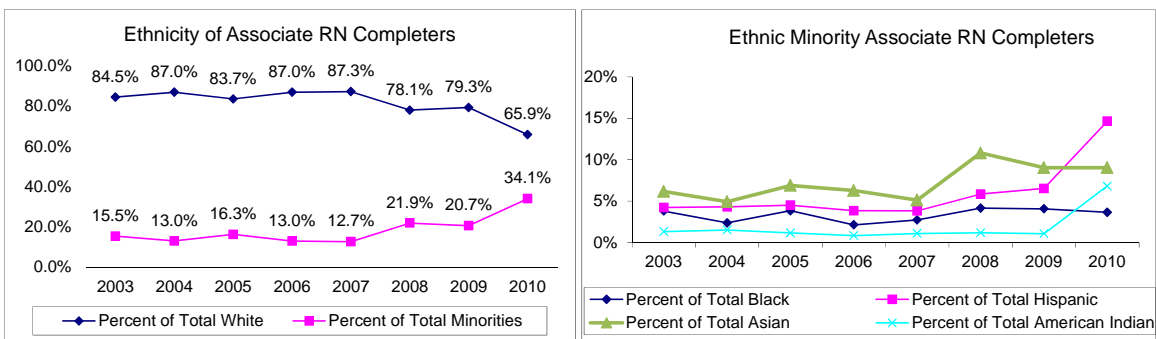
Associate Registered Nurse (CIP 51.1601), changed to (51.3801) in 2010



- Thirty community and technical colleges and universities offered Associate level Registered Nurse programs in 2010.

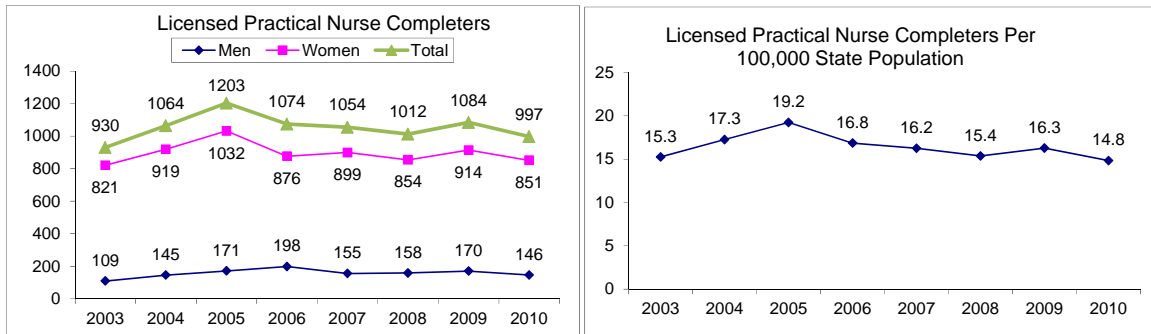
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Associate	958	995	1105	1318	1419	1695	1696	1695

- SBCTC reports an additional 179 early leavers with 45 or more credits but no credential.
- Total annual program completions for associate level RNs increased by 76.9% between 2003 and 2010.
- Completions per 100,000 population increased by 60.5% from 2003 to 2010.
- 86.8% of program completers were female in 2010 compared to 88.7% in 2003. There was a 17 percent increase of men completing an associate level nursing program.



* IPEDS completion data was supplemented with data from SBCTC for 2003-2008.

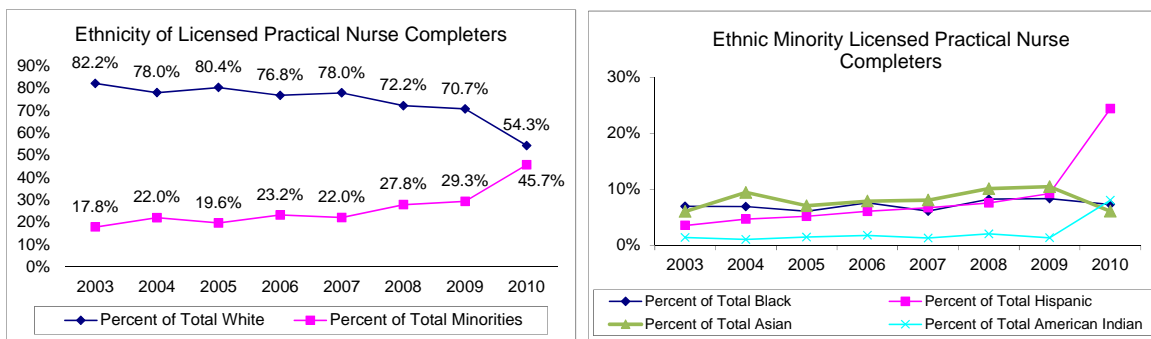
Licensed Practical Nurse (CIP 51.1613) Changed to (51.3901) in 2010



- Twenty community and technical colleges offered Licensed Practical Nurse programs in 2010 down from 22 in 2008.
- There are three types of Licensed Practical Nurse program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

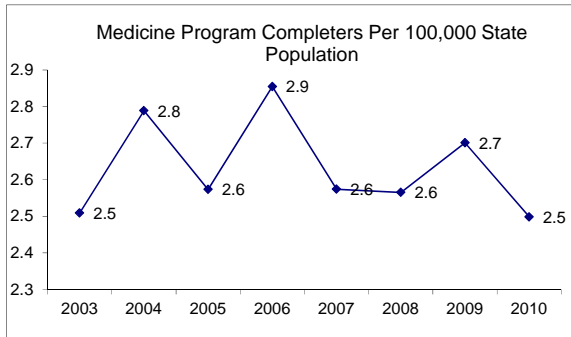
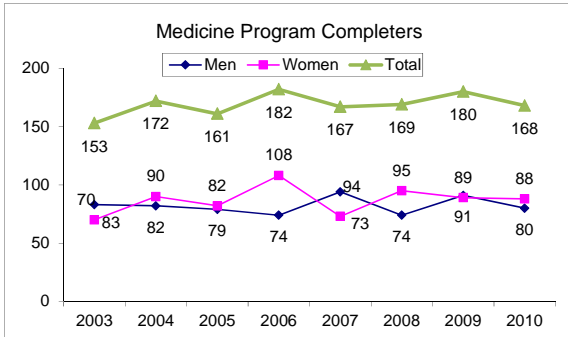
Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	839	992	1110	1019	988	928	993	926
Associate	25	27	41	55	54	43	91	71
2 to 4 years*	66	45	52	0	12	41	15	13

- Total annual program completions for LPNs increased by 7.2% between 2003 and 2010.
- Completions per 100,000 population decreased by 2.8% from 2003 to 2010.
- 85.4% of program completers were female in 2010 compared to 88.3% in 2003.
- There was a 25 percent increase in the number of men completing an LPN program.



*The completion number for 2 to 4 years was supplemented from SBCTC.#

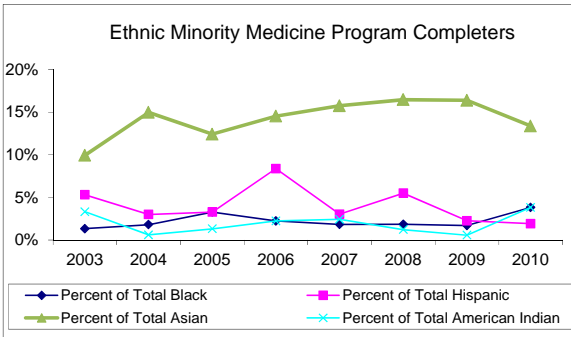
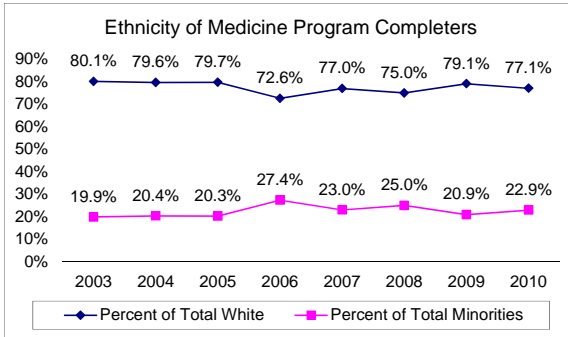
Medicine (CIP 51.1201)



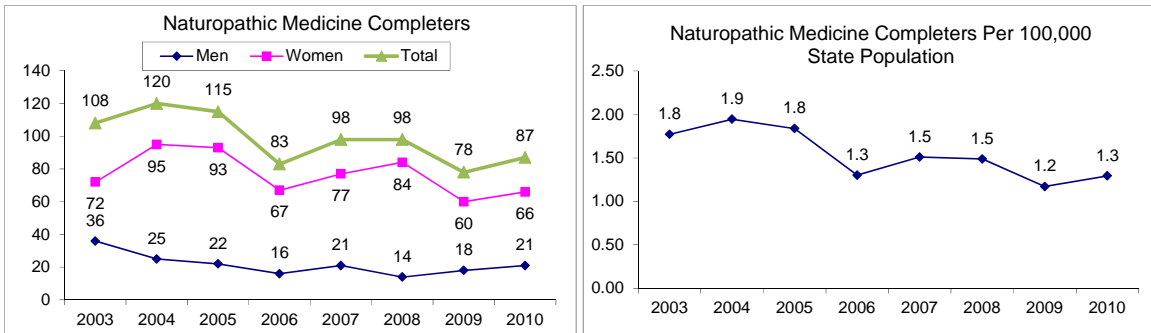
- One university offered a program in Medicine in 2010.

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Professional Degree	153	172	161	182	167	169	180	168

- Total annual program completions increased by 9.8% between 2003 and 2010.
- Completions per 100,000 population decreased by 0.4% from 2003 to 2010.
- 52.4% of program completers were female in 2010 compared to 45.8% in 2003



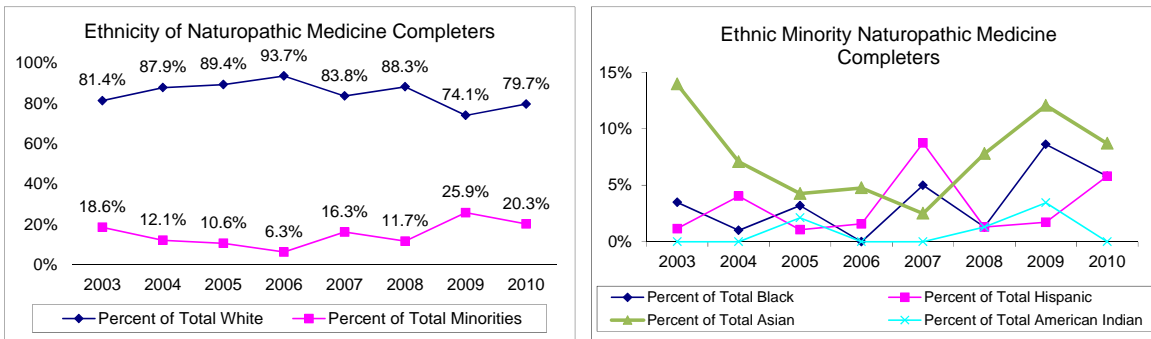
Naturopathic Medicine (CIP 51.3303)



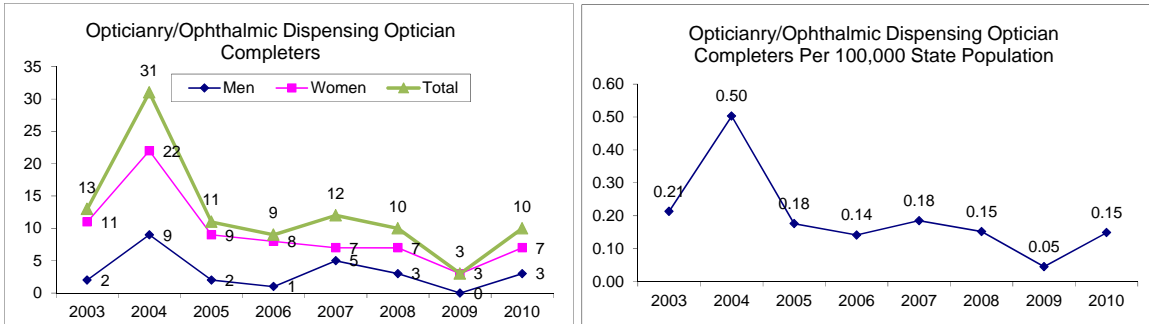
- One university offered a program in Naturopathic Medicine in 2010.

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Professional Degree	108	120	115	83	98	98	78	87

- Total annual program completions decreased by 19.4% between 2003 and 2010.
- Completions per 100,000 population decreased by 27% from 2003 to 2010.
- 75.9% of program completers were female in 2010 compared to 66.7% in 2003.



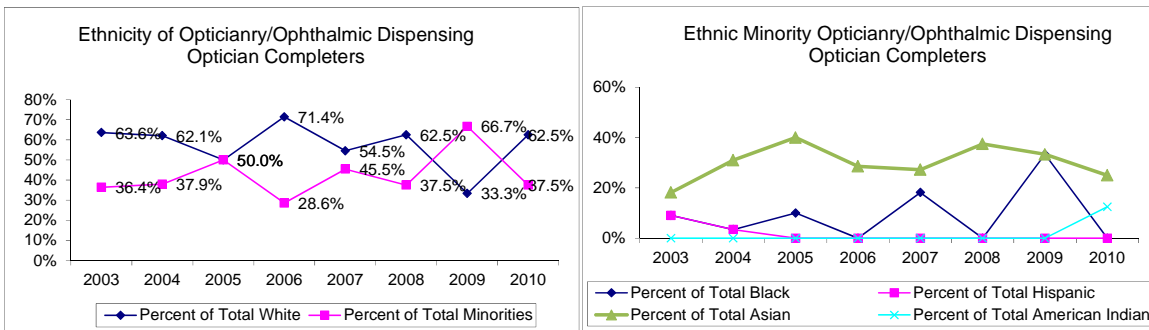
Opticianry/Ophthalmic Dispensing Optician (CIP 51.1801)



- One community college offered Opticianry/Ophthalmic Dispensing Optician programs in 2010, down from two in 2008.
- There have been two types of Opticianry/Ophthalmic Dispensing program credentials in Washington though only one reported completions in 2009 and 2010. The number of program completions from 2003-2010 by type are as follows:

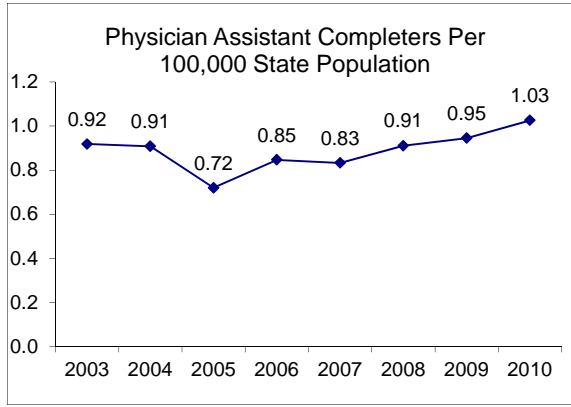
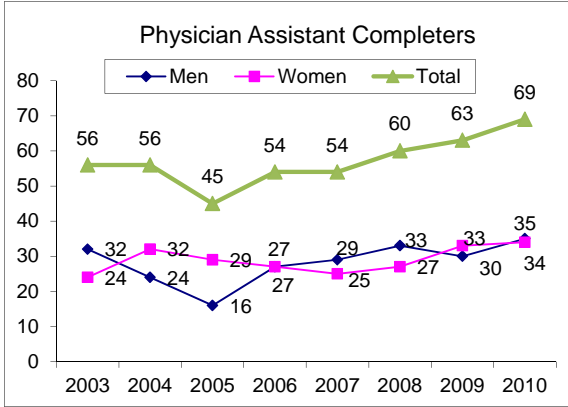
Type of Program	Number of Program Completions							
	2003*	2004	2005	2006	2007	2008	2009	2010
Less than two years	1	5	1	2	0	1	0	0
Associate	12	26	10	7	12	9	4	10

- Total annual program completions decreased by 23.1 percent (from 13 to 10) between 2003 and 2010.
- Completions per 100,000 population decreased by 30.2% from 2003 to 2010.
- 70% of program completers were female in 2010 compared to 84.6% in 2003.
- Since the numbers of completions per year are low, a small variance in any one year can give a false impression of the significance of the percent of change.



* IPEDS completion data was supplemented with data from SBCTC for 2003-2009. An additional 4 early leavers were recorded by SBCTC in 2010.

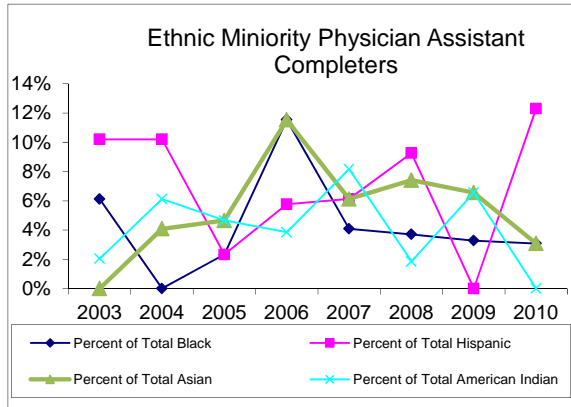
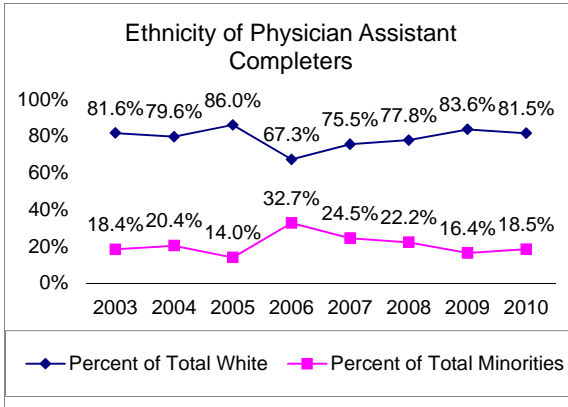
Physician Assistant (CIP 51.0912)



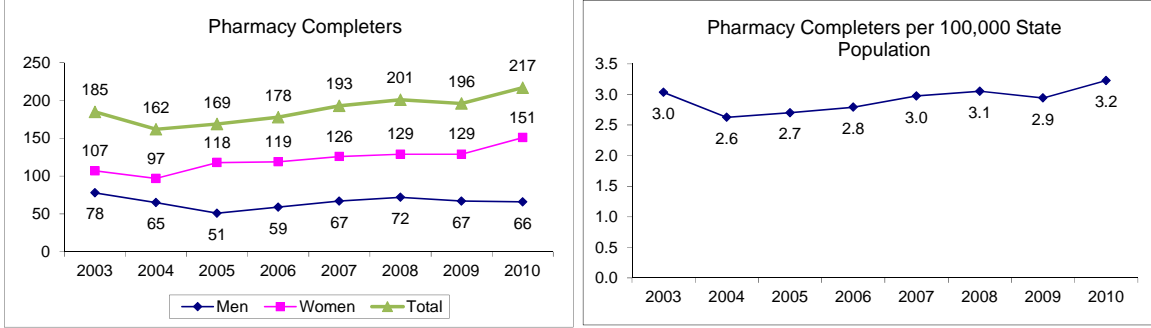
- One university offered a Physician Assistant program in 2010.

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Baccalaureate	56	56	45	54	54	60	63	69

- Total annual program completions increased by 23.2% between 2003 and 2010.
- Completions per 100,000 population increased by 11.7% between 2003 and 2010.
- 49.3% of program completers were female in 2010 compared to 42.9% in 2003.



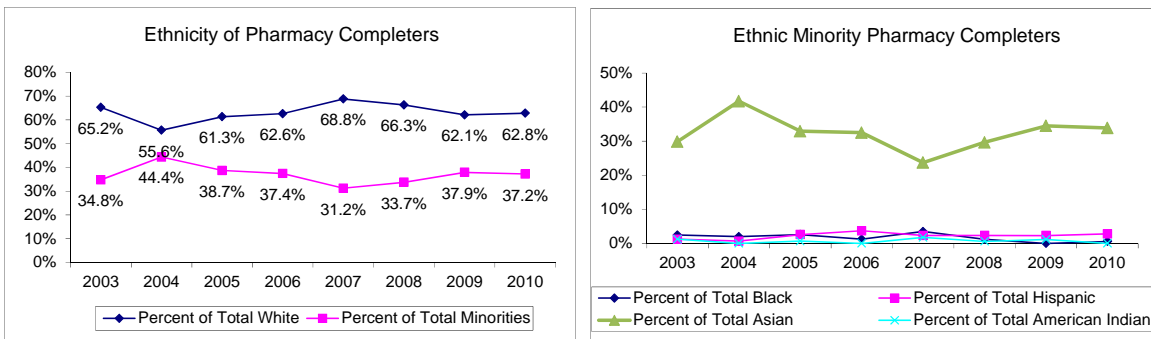
Pharmacy (CIP 51.2001)



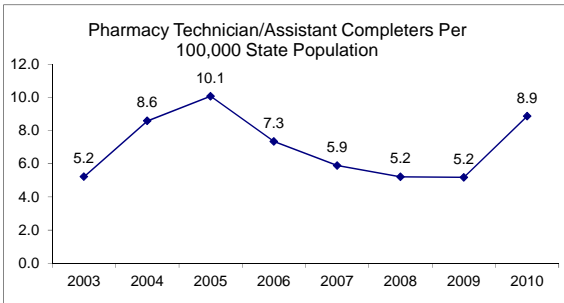
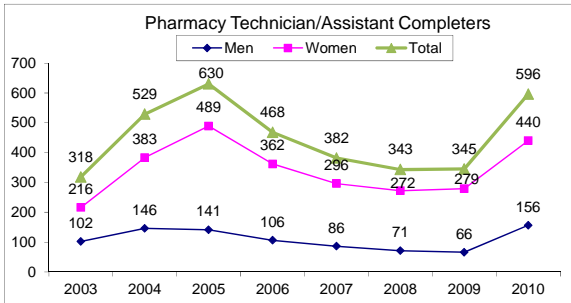
- Two universities offered a Pharmacy program in 2010.
- The number of program completions from 2003-2010 are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Professional degree	185	162	169	178	193	201	169	212
Master's	0	0	0	0	0	0	0	5

- Total annual program completions increased by 17.3% between 2003 and 2010.
- Completions per 100,000 population increased by 6.4% from 2003 to 2010.
- 69.6% of program completers were female in 2008 compared to 57.8% in 2010.



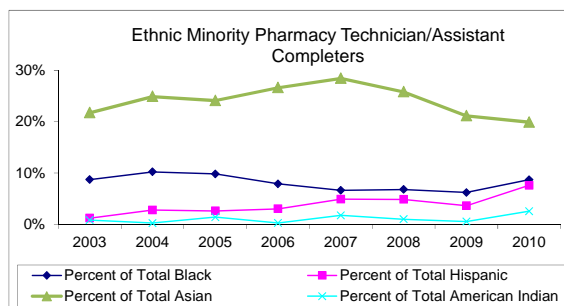
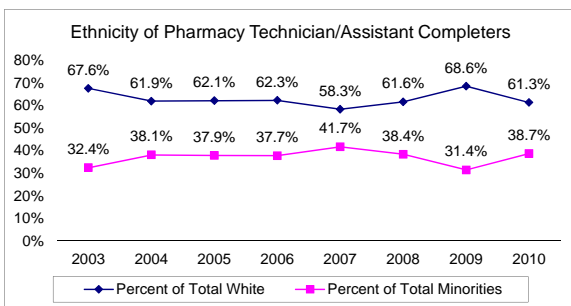
Pharmacy Technician/Assistant (CIP 51.0805)



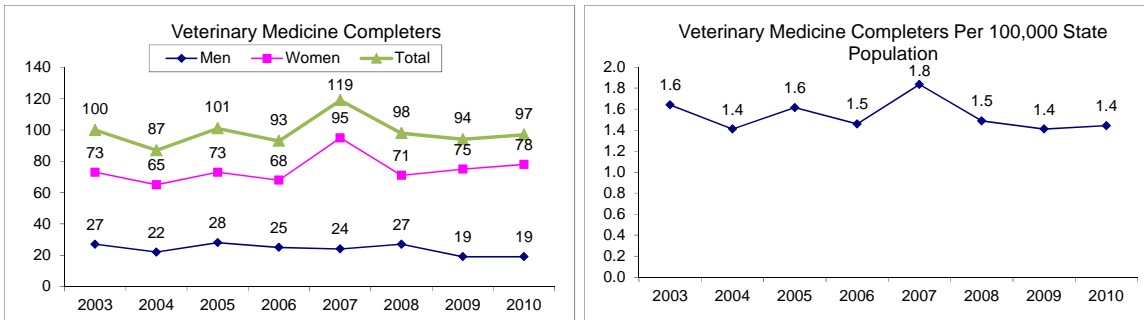
- Fourteen state, community and technical colleges offered Pharmacy Technician/Assistant programs in 2010, down from 17 in 2008.
- There are two types of Pharmacy Technician/Assistant Program credentials in Washington. The number of program completions from 2003-2010 by type are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Less than two years	295	496	609	450	348	306	301	571
Associate	23	33	21	18	34	37	44	25

- Total annual program completions increased by 87.4% between 2003 and 2010 and 73.8% from 2008.
- Completions per 100,000 population increased by 70% between 2003 and 2010.
- 73.8% of program completers were female in 2010 compared to 67.9% in 2003.



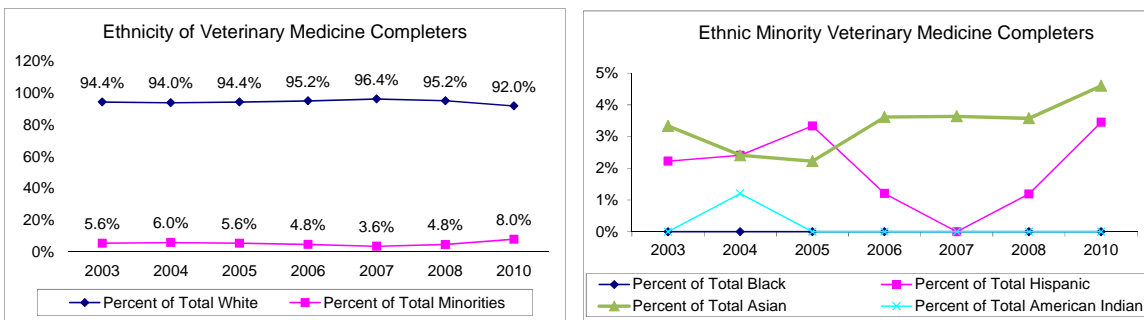
Veterinary Medicine (CIP 51.2401)



- One university offered a program in Veterinary Medicine in 2010.
- The number of program completions from 2003-2010 are as follows:

Type of Program	Number of Program Completions							
	2003	2004	2005	2006	2007	2008	2009	2010
Professional Degree	100	87	101	93	119	98	94	97

- Total annual program completions decreased by 3% from 2003 to 2010.
- Completions per 100,000 population decreased by 12% from 2003 to 2010.
- 80.4% of program completers were female in 2010 compared to 73% in 2003.



Note: The racial data for 2009 for this program was missing from IPEDS.

cip_code	cip_description	1-Olympic	2-Pacific Mountain	3-Northwest	4-Snohomish	5-Seattle/King
51.3301	Acupuncture and Oriental Medicine					33
51.0999	Allied Health Diagnostic/Intervention/Treatment Professions, Oth				26	34
51.0913	Athletic Training/Trainer					
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist			29		68
51.1005	Clinical Laboratory Science/Medical Technology/Technologist					26
51.0802	Clinical/Medical Laboratory Assistant		1		40	15
51.0601	Dental Assisting/Assistant	40	41	28	143	428
51.0602	Dental Hygiene/Hygienist				21	69
51.0603	Dental Laboratory Technology/Technician					
51.0699	Dental Services and Allied Professions, Other					
51.0401	Dentistry (DDS, DMD)					56
51.3101	Dietetics/Dietitian (RD)					
51.0902	Electrocardiograph Technology/Technician		1		40	
51.0903	Electroneurodiagnostic/Electroencephalographic Tech/Tech					13
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)			1		104
51.3805	Family Practice Nurse/Nurse Practitioner					22
51.2699	Health Aides/Attendants/Orderlies, Other	2			3	14
51.0799	Health and Medical Administrative Services, Other				25	48
51.0706	Health Information/Medical Records Administration/Administrator					38
51.0707	Health Information/Medical Records Technology/Technician		11	15	20	22
51.0703	Health Unit Coordinator/Ward Clerk				95	6
51.0701	Health/Health Care Administration/Management					53
51.2602	Home Health Aide/Home Attendant					
51.0702	Hospital and Health Care Facilities Administration/Management					1
51.3901	Licensed Practical/Vocational Nurse Training	21	87	142	118	192
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	8	15	9	33	112
51.0713	Medical Insurance Coding Specialist/Coder	16	9	25	121	134
51.0714	Medical Insurance Specialist/Medical Biller	36			85	28
51.0705	Medical Office Management/Administration	15			13	
51.0907	Medical Radiologic Technology/Science - Radiation Therapist			39		23
51.0712	Medical Reception/Receptionist	25	1	7	14	50
51.0708	Medical Transcription/Transcriptionist	3	2	1	86	7
51.0801	Medical/Clinical Assistant	190	13	29	408	1227
51.0711	Medical/Health Management and Clinical Assistant/Specialist		3			29
51.1201	Medicine (MD)					168
51.1599	Mental and Social Health Services and Allied Professions, Other		20	9	41	117
51.1508	Mental Health Counseling/Counselor			4		67
51.3303	Naturopathic Medicine/Naturopathy (ND)					87
51.0905	Nuclear Medical Technology/Technologist					8
51.3802	Nursing Administration					14
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	117	232	248	243	277
51.2206	Occupational Health and Industrial Hygiene					11
51.0803	Occupational Therapist Assistant					25
51.2306	Occupational Therapy/Therapist					23
51.1801	Opticianry/Ophthalmic Dispensing Optician					10
51.1802	Optometric Technician/Assistant					17
51.2307	Orthotist/Prosthetist					12
51.1901	Osteopathic Medicine/Osteopathy (DO)					
51.2001	Pharmacy (PharmD [USA], PharmD or BS/BPharm [Canada])					126
51.0805	Pharmacy Technician/Assistant	40		9	148	321
51.1009	Phlebotomy Technician/Phlebotomist	12	2	14	145	682
51.0806	Physical Therapy Technician/Assistant	15		49		110
51.2308	Physical Therapy/Therapist					
51.0912	Physician Assistant					69
51.1502	Psychiatric/Mental Health Services Technician				16	
51.2201	Public Health, General					56
51.3811	Public Health/Community Nurse/Nursing					3
51.0911	Radiologic Technology/Science - Radiographer	1				146
51.3801	Registered Nursing/Registered Nurse	104	112	112	135	1036
51.2399	Rehabilitation and Therapeutic Professions, Other					1
51.0908	Respiratory Care Therapy/Therapist					74
51.0812	Respiratory Therapy Technician/Assistant					2
51.0203	Speech-Language Pathology/Pathologist			23		27
51.1501	Substance Abuse/Addiction Counseling	39		17	30	39
51.0909	Surgical Technology/Technologist		1	8	13	58
51.2401	Veterinary Medicine (DVM)					
51.0808	Veterinary/Animal Health Technology/Veterinary Assistant			9	15	273

cip_code	cip_description	WDC-Name						
		6-Pierce	7-Southwest Washington	8-North-Central Columbia	9-Tri-County	10-Eastern	11-Benton-Franklin	12-Spokane
51.3301	Acupuncture and Oriental Medicine							
51.0999	Allied Health Diagnostic/Intervention/Treatment Professions, Oth							22
51.0913	Athletic Training/Trainer					12		15
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist					53		
51.1005	Clinical Laboratory Science/Medical Technology/Technologist							
51.0802	Clinical/Medical Laboratory Assistant			15				
51.0601	Dental Assisting/Assistant	94			5			133
51.0602	Dental Hygiene/Hygienist		23		19		16	52
51.0603	Dental Laboratory Technology/Technician	5						
51.0699	Dental Services and Allied Professions, Other	6						
51.0401	Dentistry (DDS, DMD)							
51.3101	Dietetics/Dietitian (RD)				34			
51.0902	Electrocardiograph Technology/Technician							
51.0903	Electroneurodiagnostic/Electroencephalographic Tech/Tech							
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	21	1		10			2
51.3805	Family Practice Nurse/Nurse Practitioner	9						
51.2699	Health Aides/Attendants/Orderlies, Other							13
51.0799	Health and Medical Administrative Services, Other							
51.0706	Health Information/Medical Records Administration/Administrator							59
51.0707	Health Information/Medical Records Technology/Technician	21	9		13			19
51.0703	Health Unit Coordinator/Ward Clerk						1	17
51.0701	Health/Health Care Administration/Management					6		11
51.2602	Home Health Aide/Home Attendant							20
51.0702	Hospital and Health Care Facilities Administration/Management							
51.3901	Licensed Practical/Vocational Nurse Training		67	78	87	89	35	81
51.0716	Medical Administrative/Executive Assistant and Medical Secretary	74	24		7	23	2	49
51.0713	Medical Insurance Coding Specialist/Coder		100		12		7	37
51.0714	Medical Insurance Specialist/Medical Biller	75						
51.0705	Medical Office Management/Administration			26	21			5
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	14	1		20			30
51.0712	Medical Reception/Receptionist	52	18					10
51.0708	Medical Transcription/Transcriptionist	2	3					5
51.0801	Medical/Clinical Assistant	296	119	57	43	17	32	242
51.0711	Medical/Health Management and Clinical Assistant/Specialist							
51.1201	Medicine (MD)							
51.1599	Mental and Social Health Services and Allied Professions, Other	87	2				5	30
51.1508	Mental Health Counseling/Counselor							
51.3303	Naturopathic Medicine/Naturopathy (ND)							
51.0905	Nuclear Medical Technology/Technologist							
51.3802	Nursing Administration							
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide	31	240	200	43	255	16	
51.2206	Occupational Health and Industrial Hygiene							
51.0803	Occupational Therapist Assistant							
51.2306	Occupational Therapy/Therapist	26						29
51.1801	Opticianry/Ophthalmic Dispensing Optician							
51.1802	Optometric Technician/Assistant							22
51.2307	Orthotist/Prosthetist							8
51.1901	Osteopathic Medicine/Osteopathy (DO)				0			
51.2001	Pharmacy (PharmD [USA], PharmD or BS/BPharm [Canada])					91		
51.0805	Pharmacy Technician/Assistant	55	31		9			81
51.1009	Phlebotomy Technician/Phlebotomist	103	38				27	21
51.0806	Physical Therapy Technician/Assistant							10
51.2308	Physical Therapy/Therapist	34						
51.0912	Physician Assistant							
51.1502	Psychiatric/Mental Health Services Technician	1						
51.2201	Public Health, General							
51.3811	Public Health/Community Nurse/Nursing							
51.0911	Radiologic Technology/Science - Radiographer		14	15			18	21
51.3801	Registered Nursing/Registered Nurse	333	180	109	62	584	49	331
51.2399	Rehabilitation and Therapeutic Professions, Other							
51.0908	Respiratory Care Therapy/Therapist	12						15
51.0812	Respiratory Therapy Technician/Assistant	1						
51.0203	Speech-Language Pathology/Pathologist							46
51.1501	Substance Abuse/Addiction Counseling		10	5	14		4	22
51.0909	Surgical Technology/Technologist				8		34	36
51.2401	Veterinary Medicine (DVM)					97		
51.0808	Veterinary/Animal Health Technology/Veterinary Assistant		1		12			30