

## **Appendix A**

### Health Professions Completions for 2013

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## INTRODUCTION

This report documents how many students completed postsecondary health career education programs in Washington. Each page summarizes completions for one of 36 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 2005-06 through 2012-13. 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 2006 through 2013. 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 at <http://nces.ed.gov/ipeds/>.

State population data are from the US Census Bureau for 2012.

Gender data comes from IPEDS.

IPEDS also categorize completers by race and ethnicity into one of the following racial/ethnic designations:

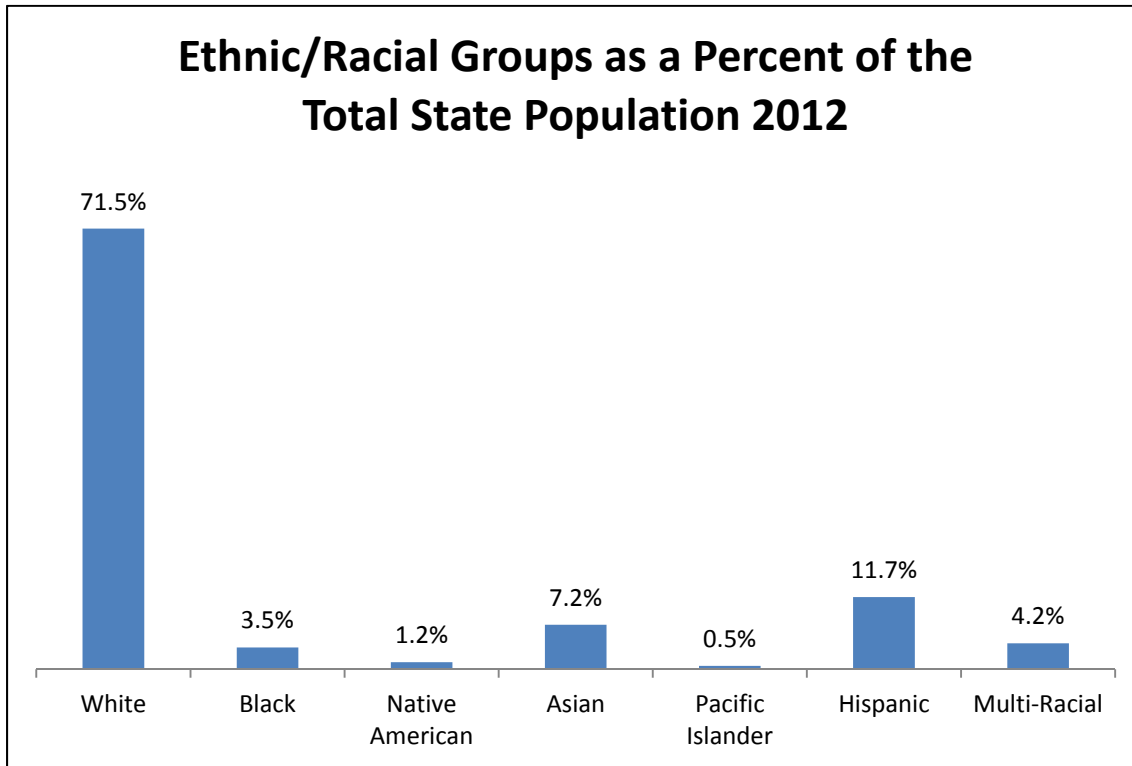
- White, non-Hispanic
- Hispanic or Latino
- Black, non-Hispanic
- Asian
- Pacific Islander
- American Indian or Alaskan Native
- Nonresident alien
- Unknown

For the purpose of charting data the ethnic groups are designated as white, Black, Hispanic, Asian or Pacific Islander and Native American. 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

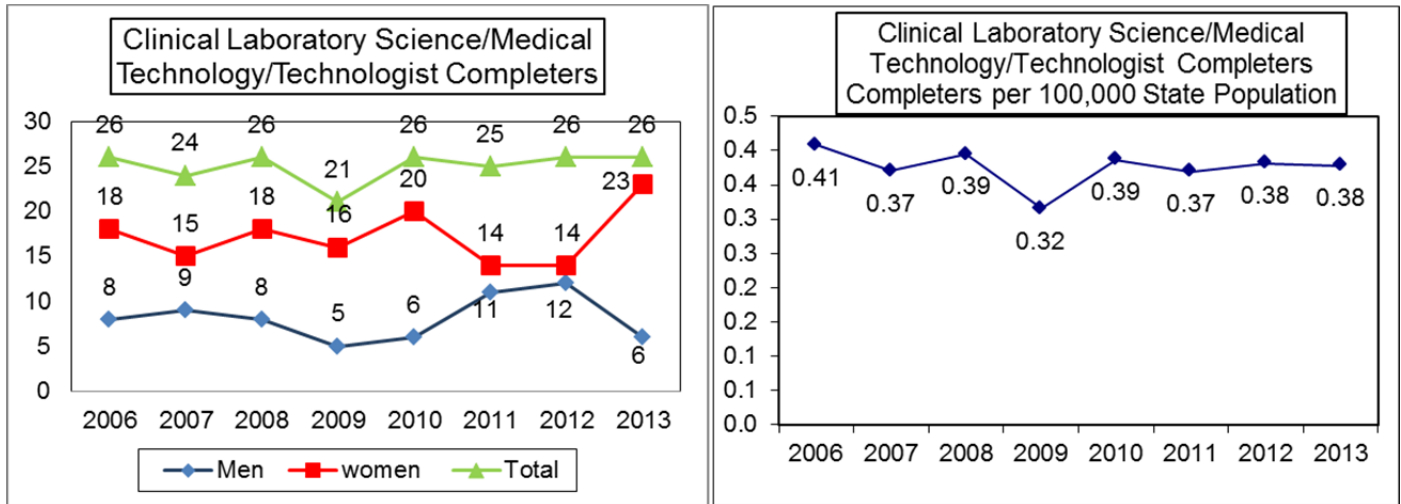
The data in this report are subject to the following conditions. IPEDS attempts to conduct a complete census of all postsecondary educational organizations. Coverage is thought to be

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*

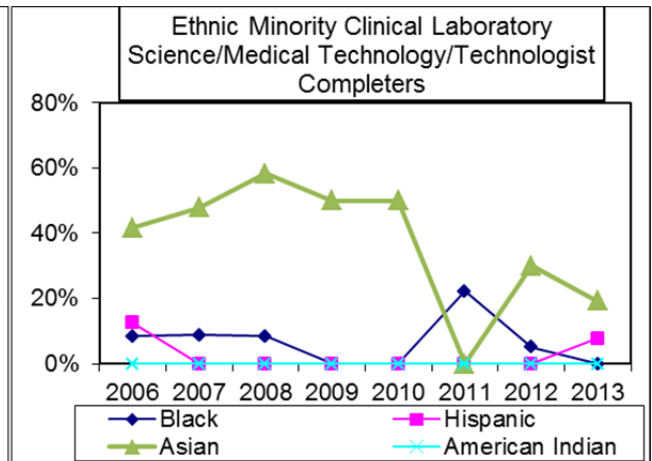
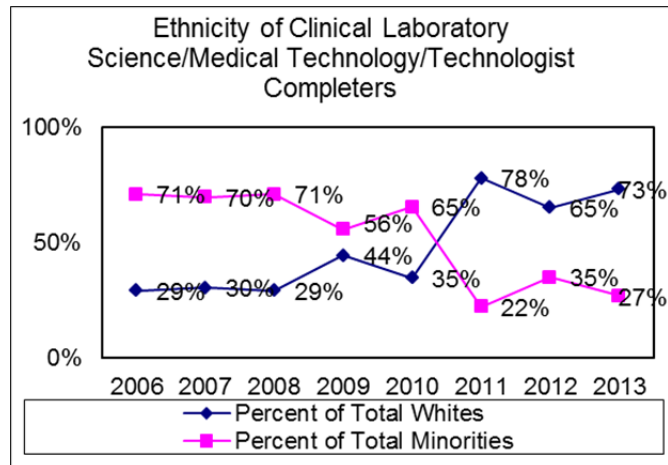
## Clinical Laboratory Science/Medical Technology/Technologist (CIP 51.1005)



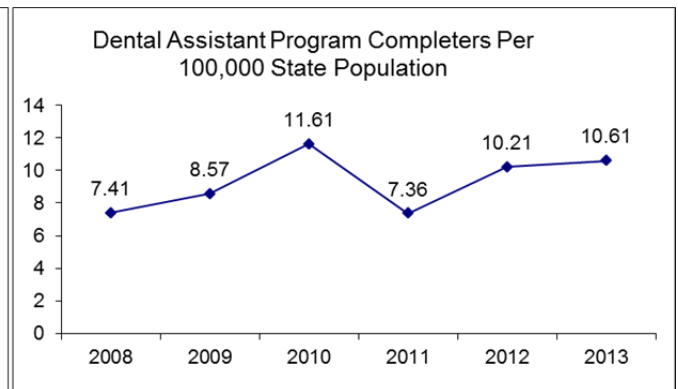
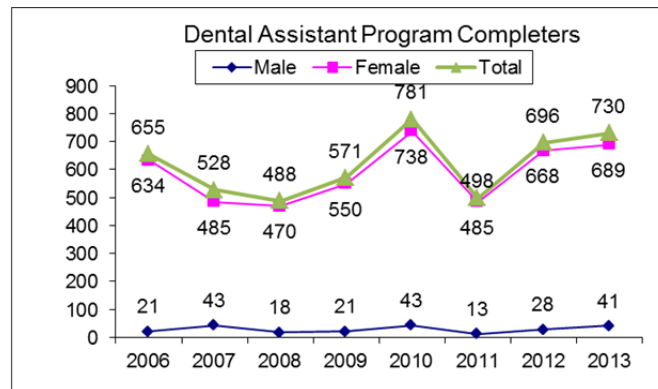
- Two educational institutions offered Clinical Laboratory Science/Medical Technology/Technologist programs in 2013 the same as in 2012.
- There is one type of Clinical Laboratory Science/Medical Technology/Technologist program offered in Washington. The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
<b>Baccalaureate</b>	26	24	26	21	26	25	26	26

- Total annual program completions remained the same between 2006 and 2013
- 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 7 percent from 2006 to 2013
- 54 percent of program completers were female in 2013 compared to 69 percent in 2006.



## Dental Assistant (CIP 51.0601)

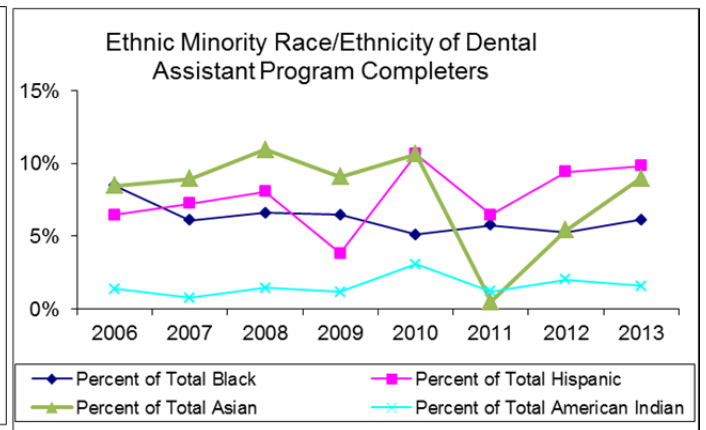
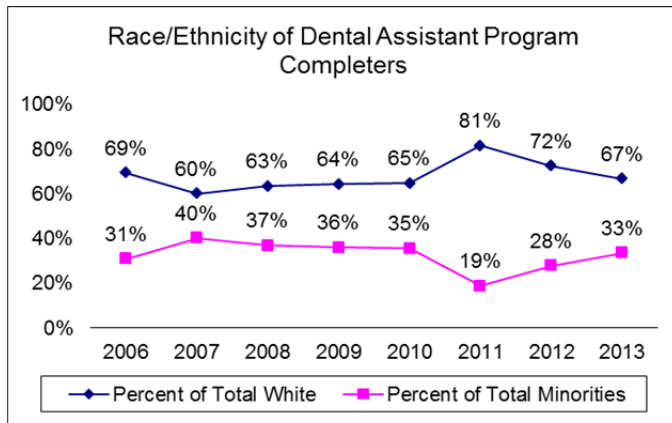


- Seventeen educational institutions offered Dental Assistant programs in 2013.
- The number of program completions from 2006-2013 by type are as follows:

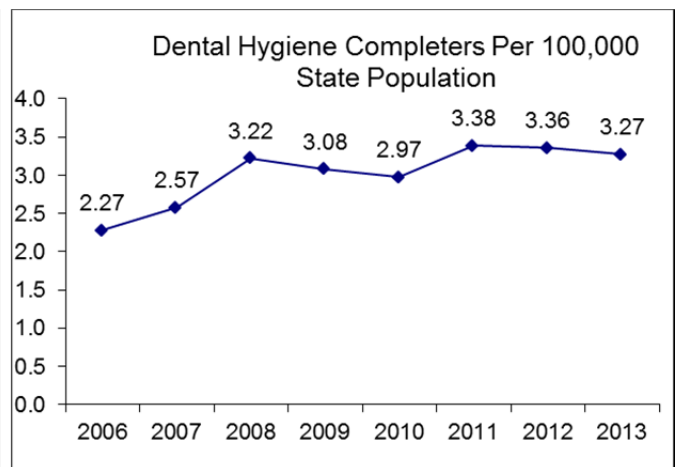
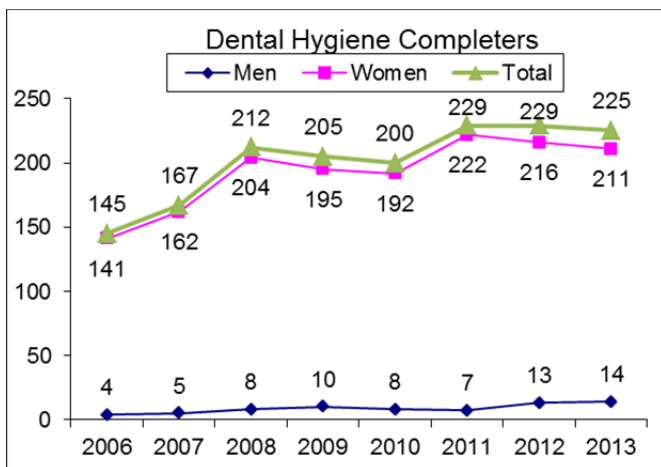
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	586	478	422	489	645	353	561	606
Associate	56	47	52	82	136	145	135	124
2 to 4 years	13	3	14	0	0	0	0	0

- Total annual program completions increased by 11 percent between 2006 and 2013.
- Completions per 100,000 population increased by 3 percent from 2006 to 2013
- 94 percent of program completers were female in 2013 compared to 97 percent in 2006.

► Health Professions Education - Completions



## Dental Hygiene (CIP51.0602)

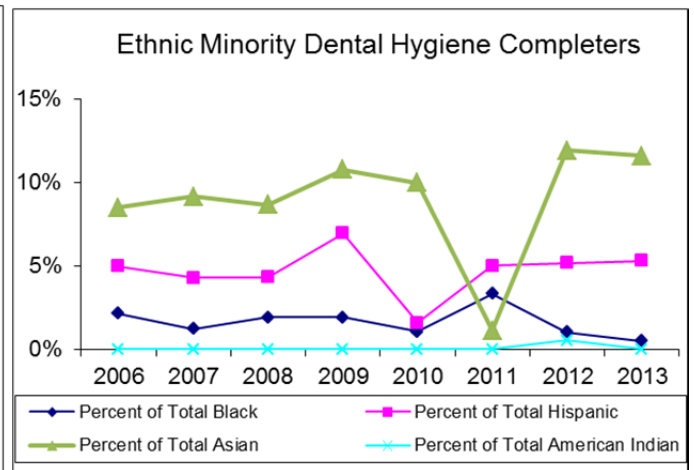
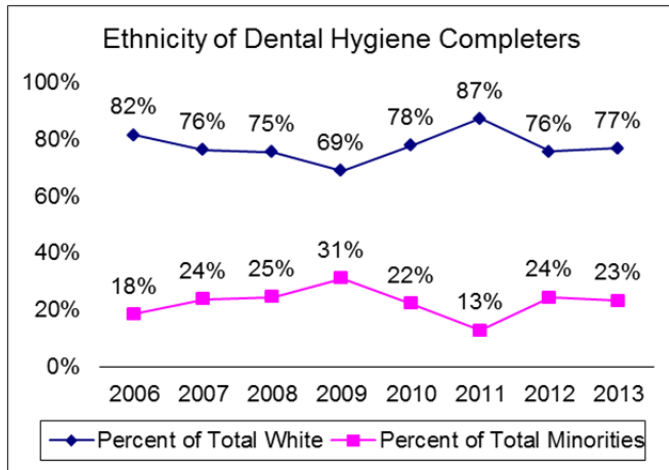


- Ten educational institutions offered Dental Hygiene programs in 2013.
- The number of program completions from 2006-2013 by type are as follows:

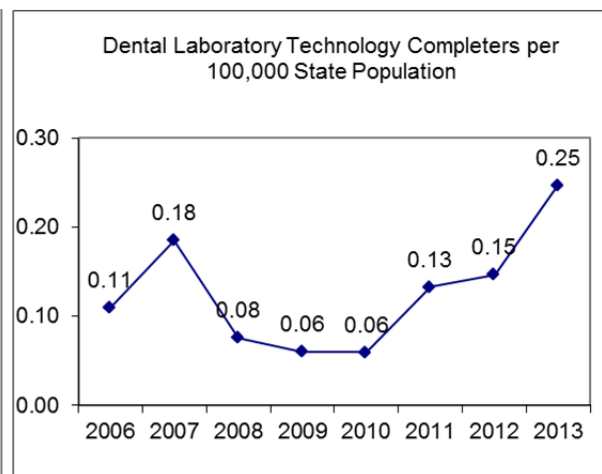
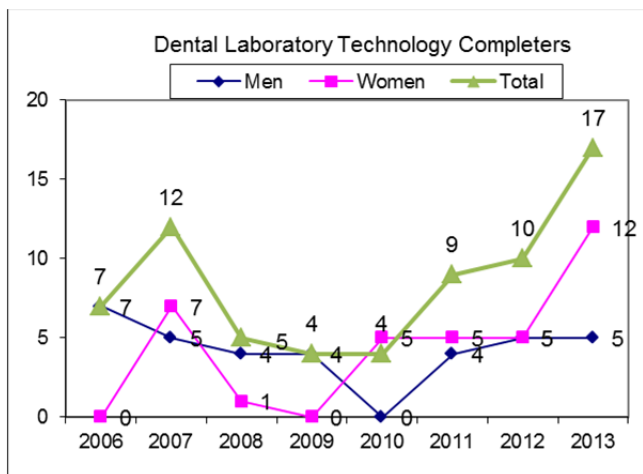
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	98	95	109	146	148	146	150	148
Baccalaureate	57	50	58	66	52	81	77	74
Master's							2	3

- Total annual program completions increased by 55 percent between 2006 and 2013.
- Completions per 100,000 population increased by 44 percent from 2006 to 2013.
- 94 percent of program completers were female in 2013 compared to 97 percent in 2006.

► Health Professions Education - Completions



### Dental Laboratory Technology/Technician Program Completers (CIP 51.0603)



- One technical college offered a Dental Laboratory Technology/Technician program in 2013.
- The number of program completion credentials from 2006-2013 are as follows:

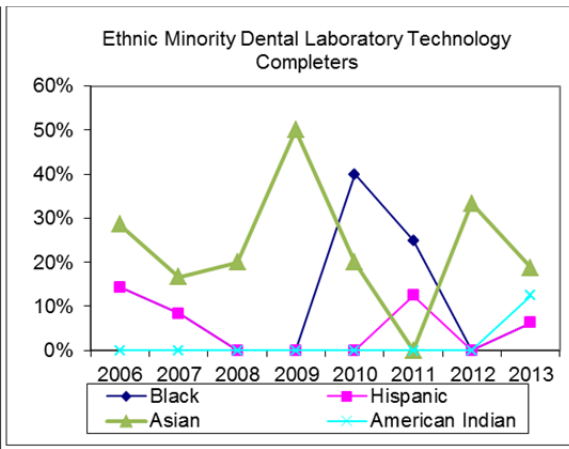
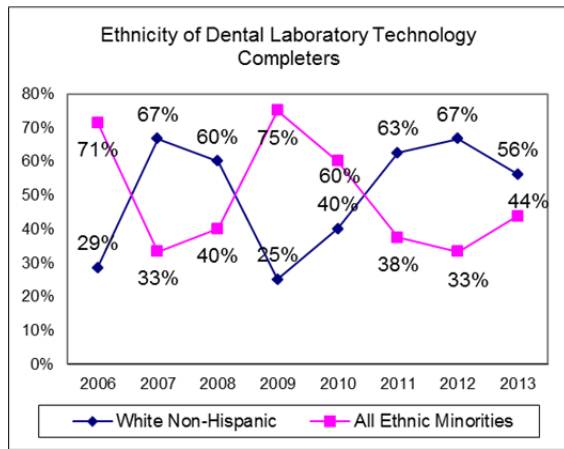
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	1	3	1	1	2	7	4	6
Associate	3	3	3	3	3	2	6	11
2 to 4 years	3	6	1	0	0	0	0	0

- Total annual program completions increased by 143 percent from 2006 to 2013, 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.
- The number of completers increased by 70 percent from 2012 (increase of seven).

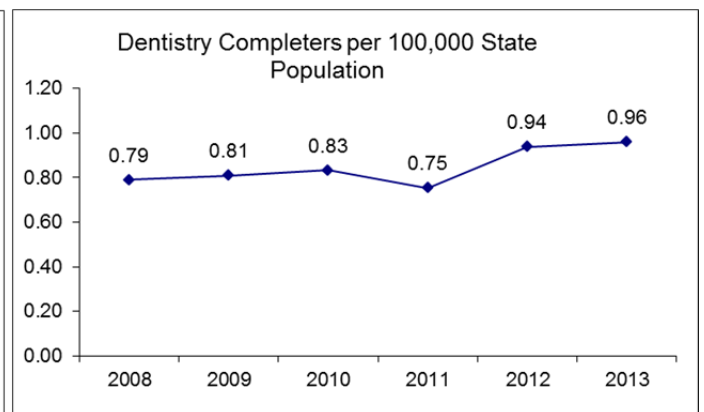
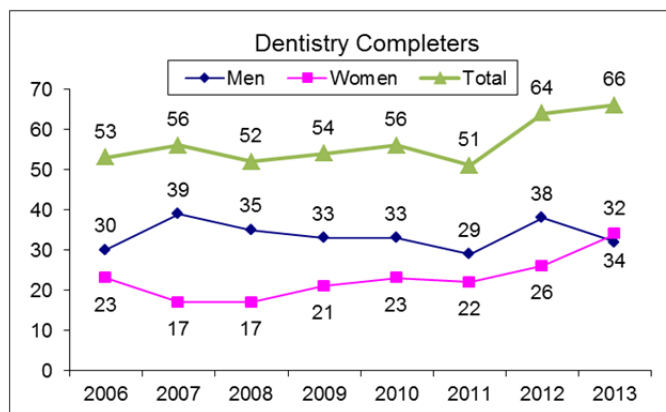


► Health Professions Education - Completions

- Completions per 100,000 population increased by 125 percent from 2006 to 2013.
- 71 Percent of program completers were female in 2013 compared to 0 percent in 2006.



### Dentistry (CIP 51.0401)

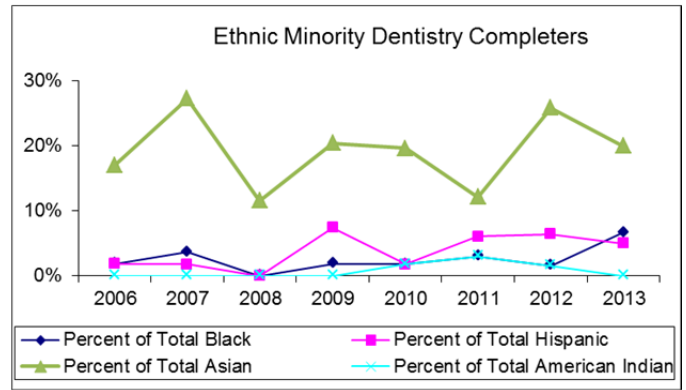
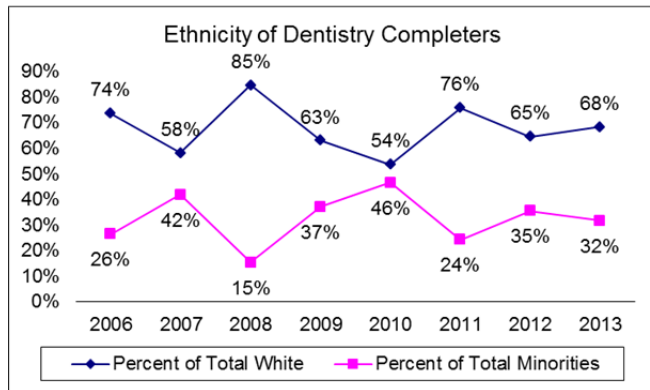


- One university offered a Dentistry program in 2013.
- The number of program completions from 2006-2013 are as follows:

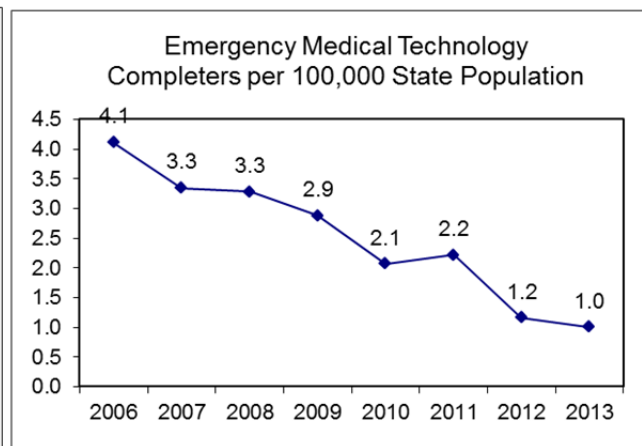
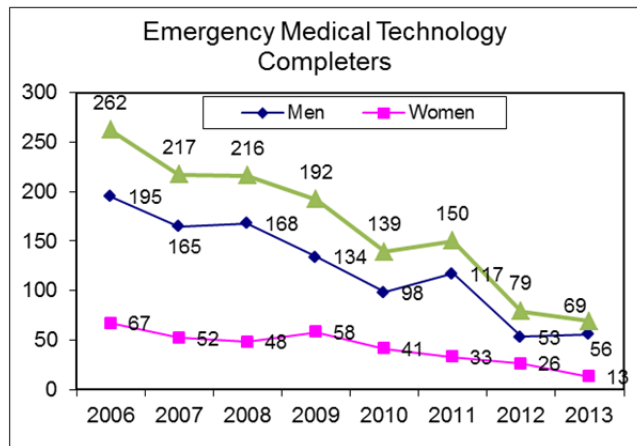
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Professional Degree	53	56	52	54	56	51	64	66

- Total annual program completions increased by 25 percent from 2006 and 2013.
- Completions per 100,000 population increased by 15 percent from 2006 to 2013.
- 52 percent of program completers were female in 2013 compared to 43 percent in 2006.

► Health Professions Education - Completions



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

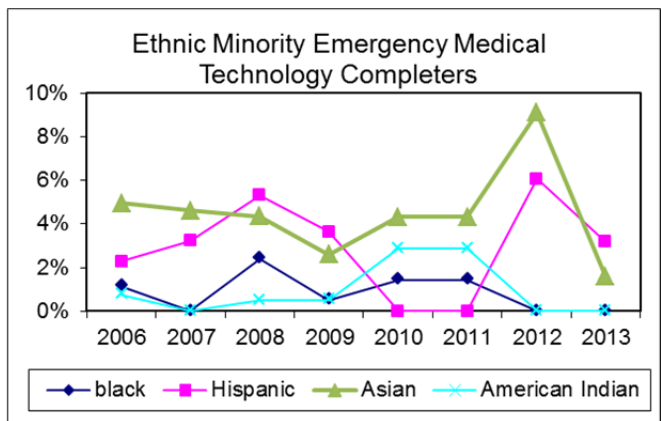
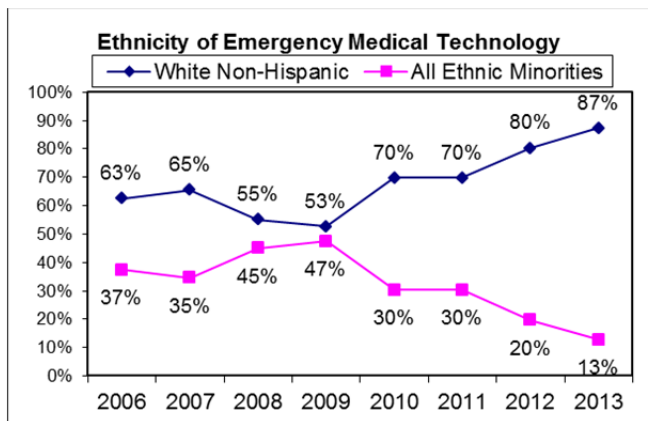


- Six educational institutions offered Emergency Medical Technology programs in 2013.
- There are three types of Emergency Medical Technology/Technician Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

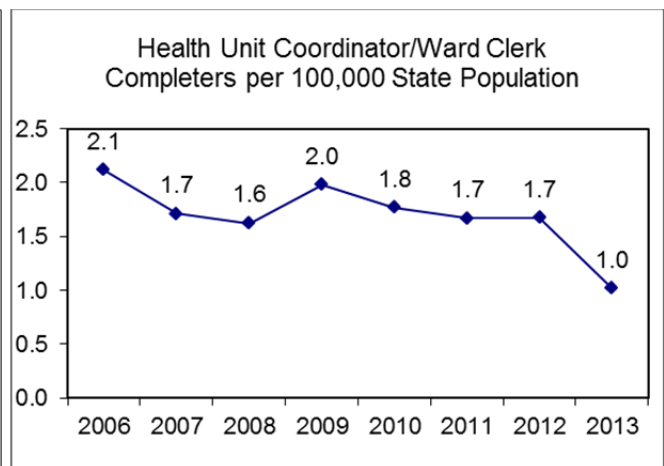
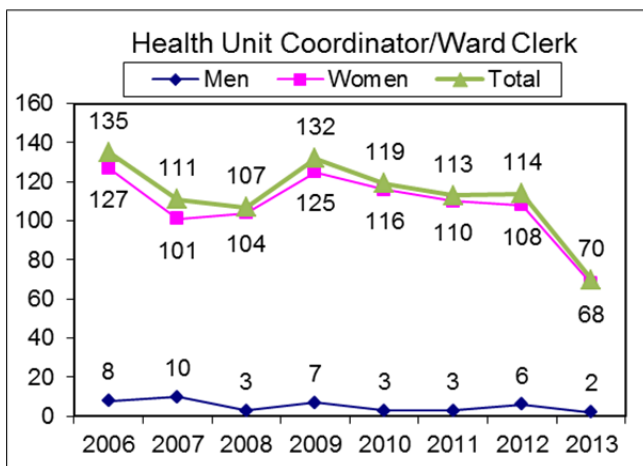
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	246	194	197	172	123	128	55	35
Associate	10	9	8	7	6	13	13	17
Baccalaureate	6	14	11	13	10	9	11	17

- Total annual program completions decreased by 74 percent from 2006 to 2013 but only 13 percent from 2012.
- Completions per 100,000 population decreased by 76 percent from 2006.
- 19 percent of program completers were female in 2013 compared to 26 percent in 2006.

► Health Professions Education - Completions



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

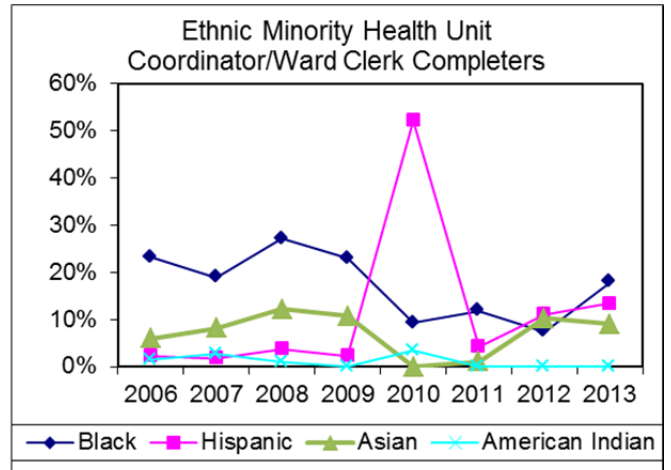
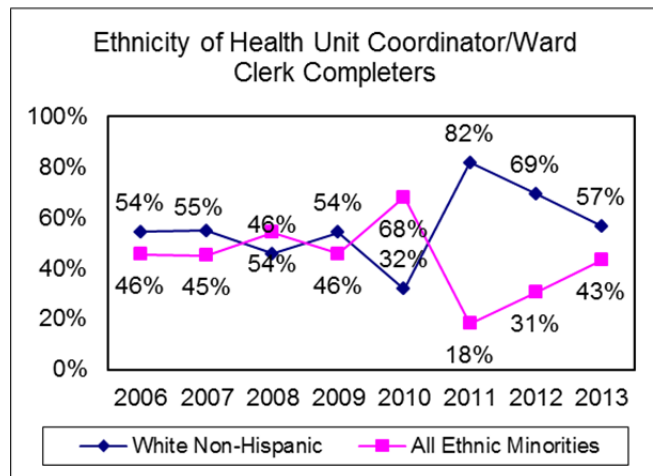


- Five educational institutions offered Health Unit Coordinator/Ward Clerk programs in 2013.
- There are two types of Health Unit Coordinator/Ward Clerk Program credentials in Washington, though only one type was issued in 2013. The number of program completions from 2006-2013 by type are as follows:

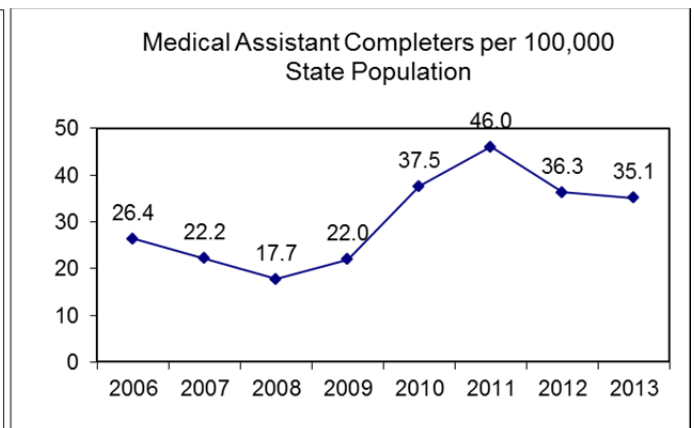
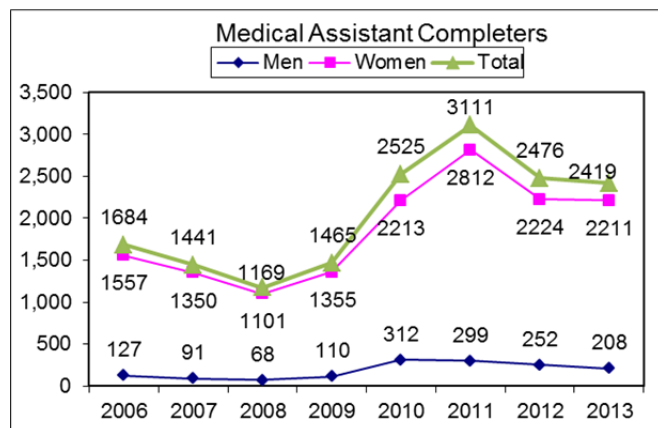
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	135	110	106	129	114	112	113	70
Associate	0	1	1	3	5	1	1	0

- Total annual program completions decreased by 48 percent from 2006 to 2013.
- Completions per 100,000 population decrease by 52 percent over the same time period.
- 95 percent of program completers were female in 2013 compared to 94 percent in 2006.

► Health Professions Education - Completions



### Medical/Clinical Assistant (CIP 51.0801)



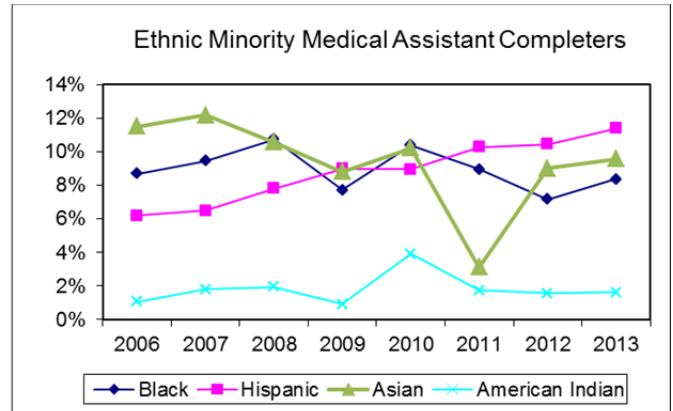
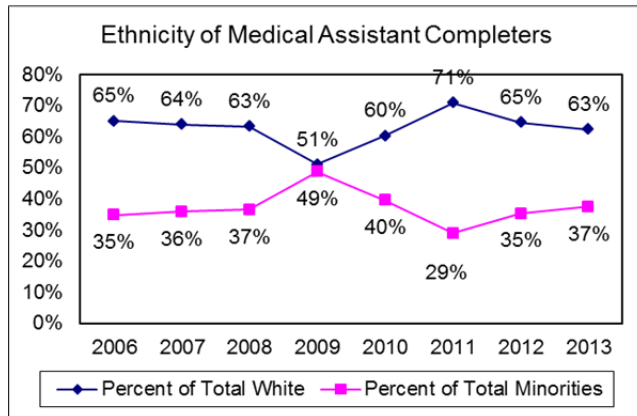
- Thirty-one educational institutions offered Medical/Clinical Assistant programs in 2013.
- There have been three types of Medical/Clinical Assistant Program credentials in Washington but only two as of 2009. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	1422	1228	968	1244	2076	2599	2094	1993
Associate	174	149	157	141	207	312	382	426
2 to 4 years	9	12	3	0	0	0	0	0

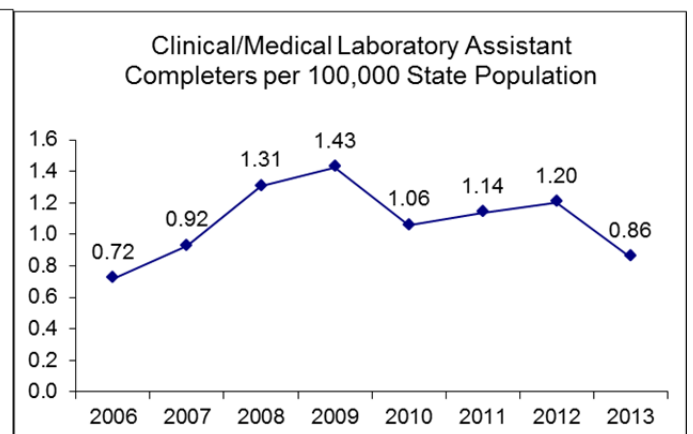
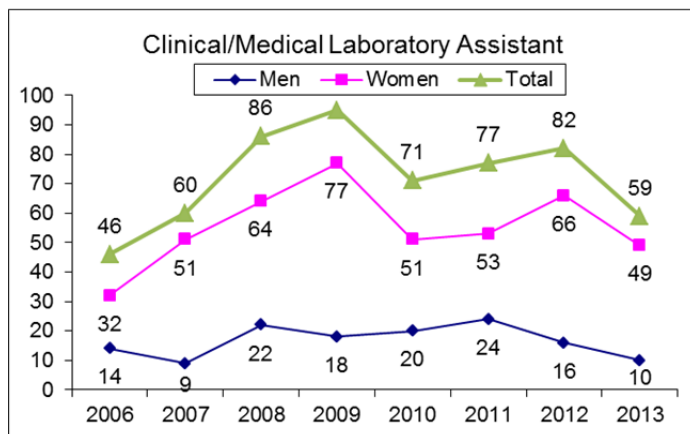
- Total annual program completions increased by 44 percent between 2006 and 2013, and decreased by 2 percent from 2012.

► Health Professions Education - Completions

- Completions per 100,000 population increased by 33 percent from 2006 and 2013.
- 91 percent of program completers were female in 2013 compared to 92 percent in 2006.



### Medical/Clinical Laboratory Assistant (CIP 51.0802)



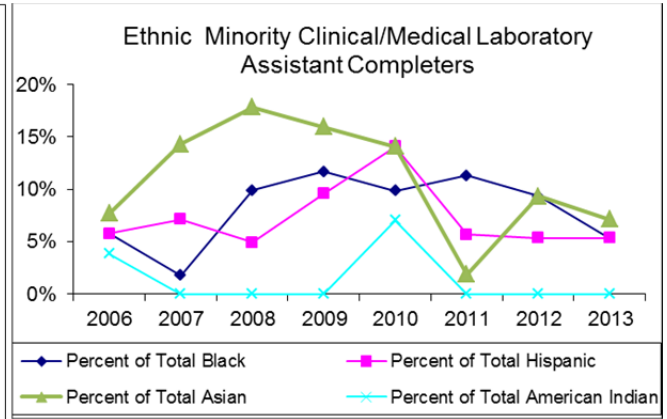
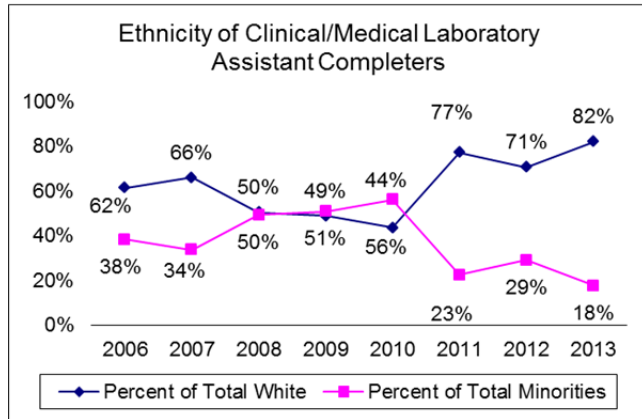
- Four educational institutions offered Clinical/Medical Laboratory assistant programs in 2013.
- There are two types of Medical/Clinical Laboratory Assistant Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	16	17	50	56	39	49	43	30
Associate	30	43	36	39	32	28	39	29

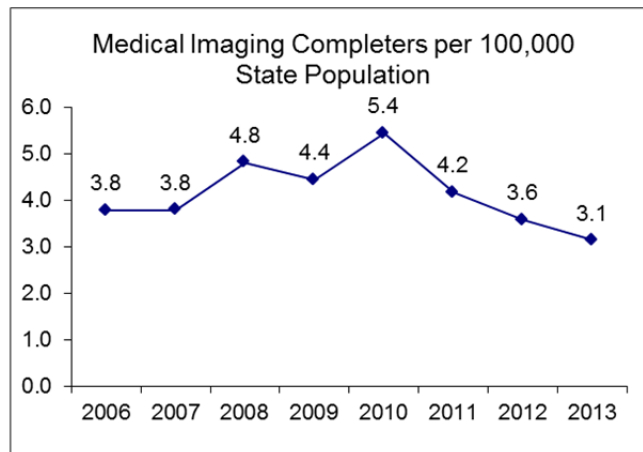
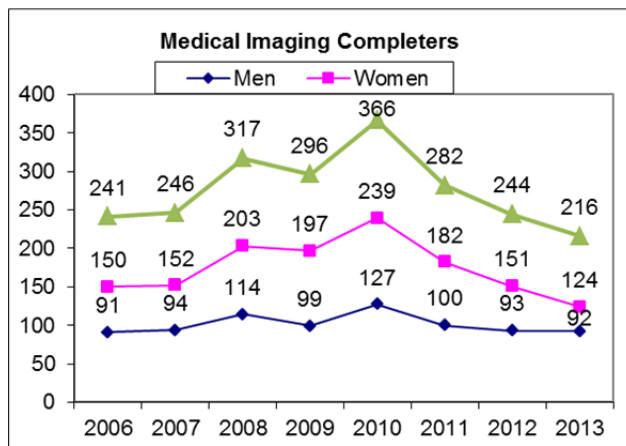
- Total annual program completions increased by 28 percent between 2006 and 2013.

► Health Professions Education - Completions

- Completions per 100,000 population increased by 19 percent over the same time period.
- 45 percent of program completers were female in 2013 compared to 41 percent in 2006.



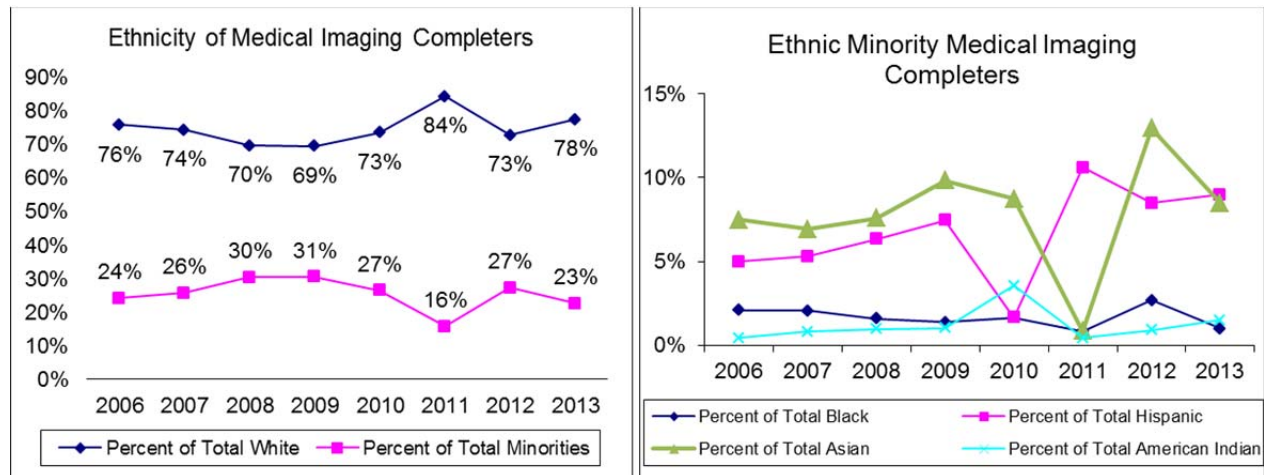
### Medical Imaging (Radiology) (CIPs 51.0905, 0907 and 0911)



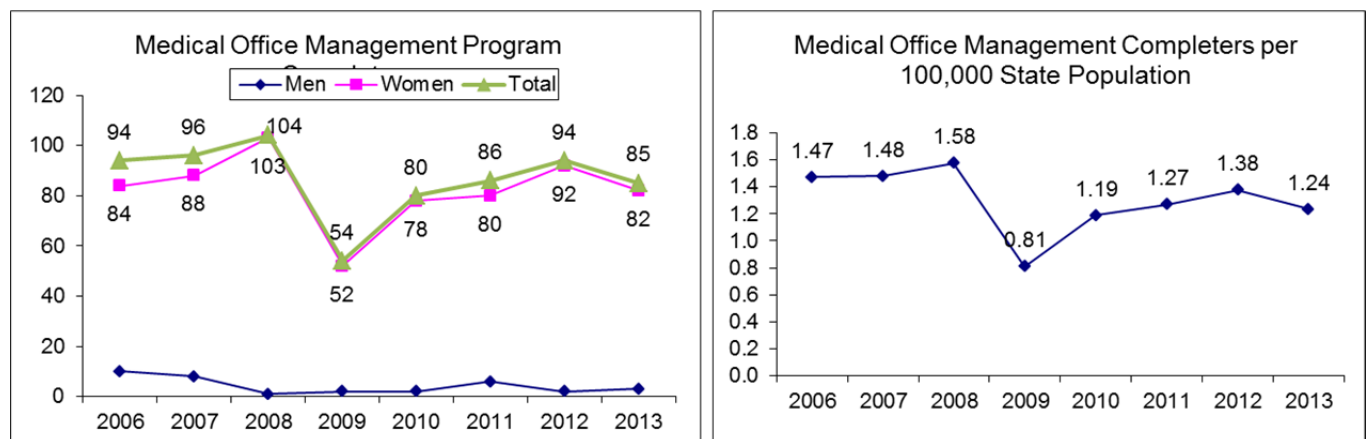
- Fourteen educational institutions offered Medical Imaging (Radiology) programs in 2013, up by four from 2012. The programs include: Nuclear Medical Technology/Technologist; Medical Radiologic Technology/Science - Radiation Therapist; and Radiologic Technology/Science - Radiographer.
- The number of program completion credentials from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	14	13	12	11	45	63	9	6
Associate	209	207	285	265	305	219	235	210
Baccalaureate	18	23	20	20	16	0	0	0

- Total annual program completions decreased by 10 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 17 percent over the same time period.
- 57 percent of program completers were female in 2013 compared to 62 percent in 2006.



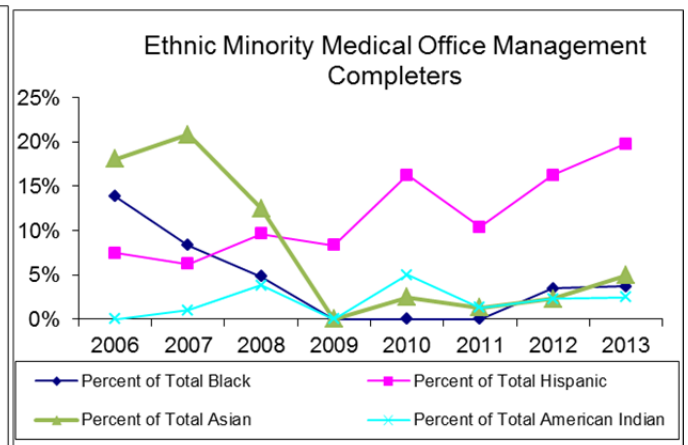
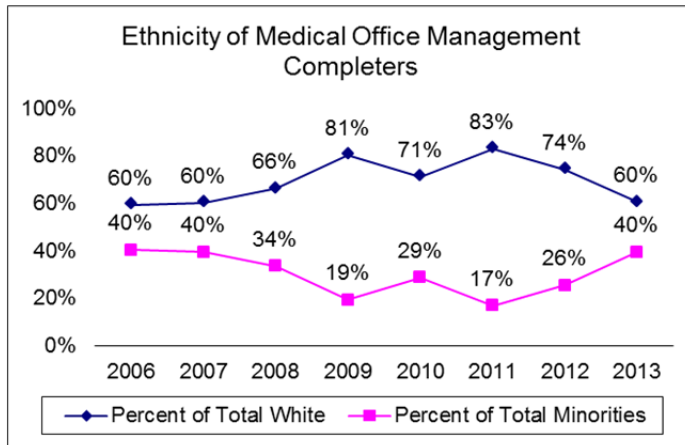
### Medical Office Management Administration (CIP 51.0705)



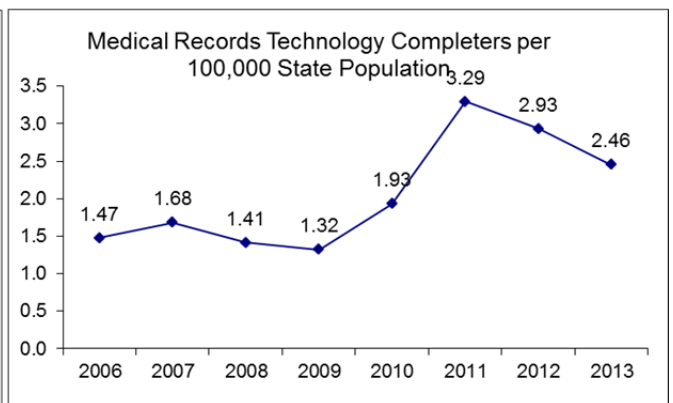
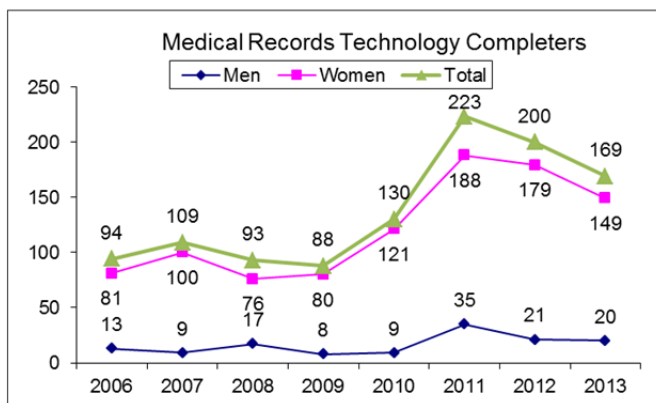
- Six educational institutions offered Medical/Clinical Assistant programs in 2013.
- There are two types of Medical Office Management Administration Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	93	95	98	52	71	78	85	81
Associate	1	1	6	2	9	8	9	4

- Total annual program completions decreased by 10 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 16 percent from 2006 to 2013.
- 96 percent of program completers were female in 2013 compared to 89 percent in 2006.



### Medical Records Technology/Technician (CIP 51.0707)

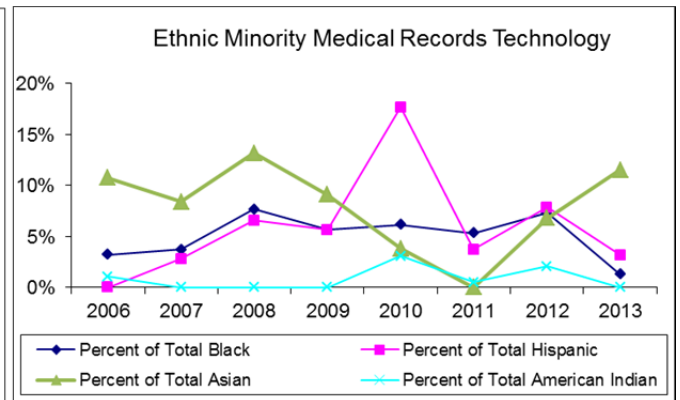
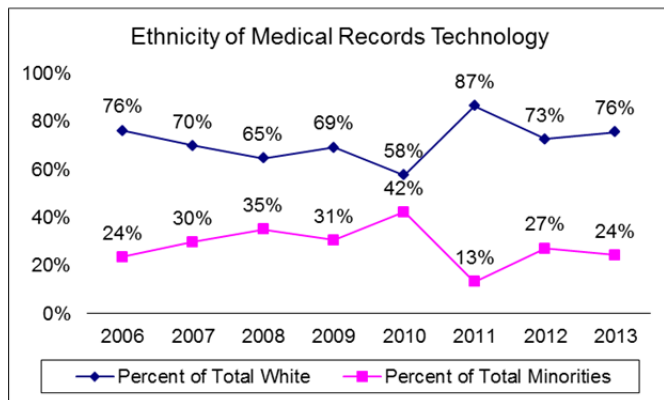


- Nine educational institutions offered Medical Records Technology/Technician programs in 2013.
- There are two types of Medical Records Technology/Technician Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

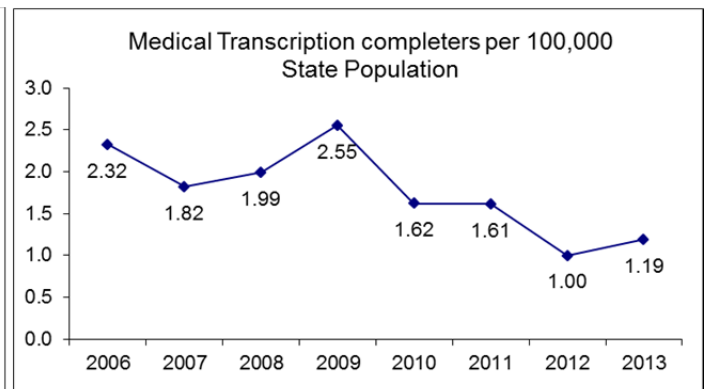
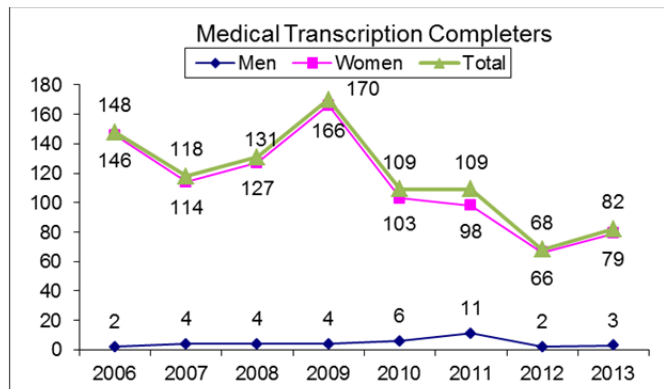


Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	47	55	40	47	81	113	112	80
Associate	47	54	53	41	49	110	88	89

- Total annual program completions increased by 80 percent between 2006 and 2013.
- Completions per 100,000 population increased by 67 percent over the same time period.
- 88 percent of program completers were female in 2013 compared to 86 percent 2006.



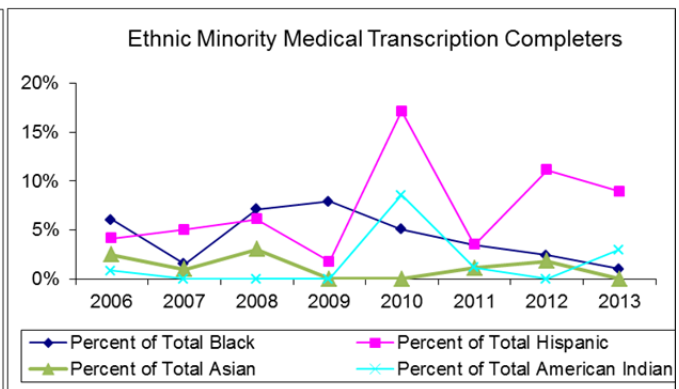
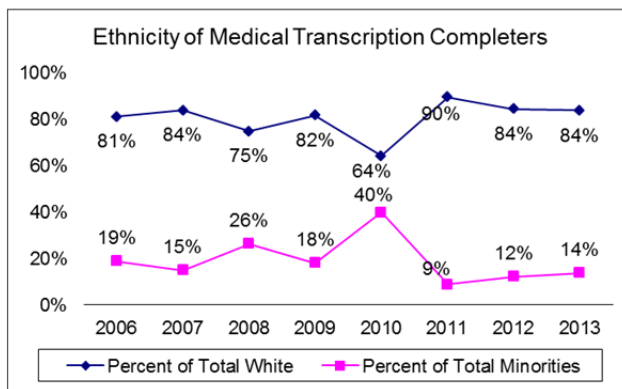
## Medical Transcription (CIP 51.0708)



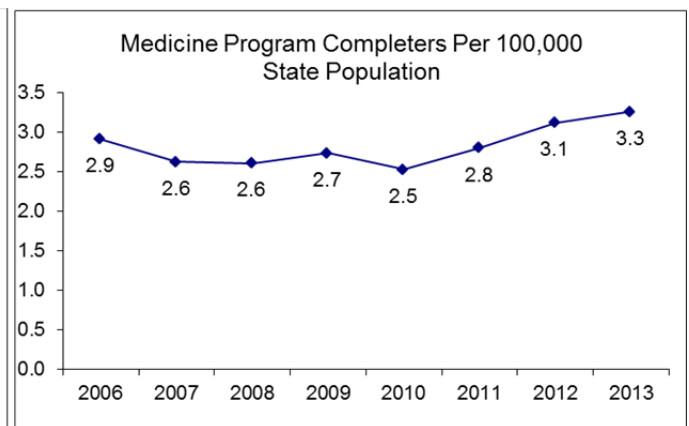
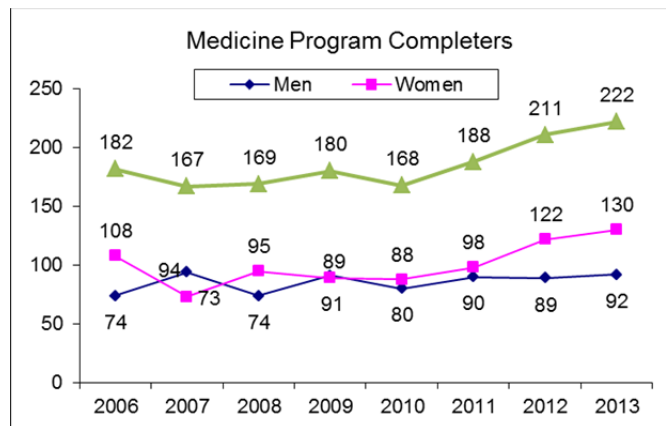
- Nine educational institutions offered Medical Transcription programs in 2013.
- There is one type of Medical Transcription Program credential in Washington. The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	148	118	129	170	109	109	68	82

- Total annual program completions decreased by 45 percent between 2006 and 2013, but increased by 21 percent from last year.
- Completions per 100,000 population decreased by 64 percent from 2006.
- 96 percent of program completers were female in 2013 compared to 99 percent in 2006.



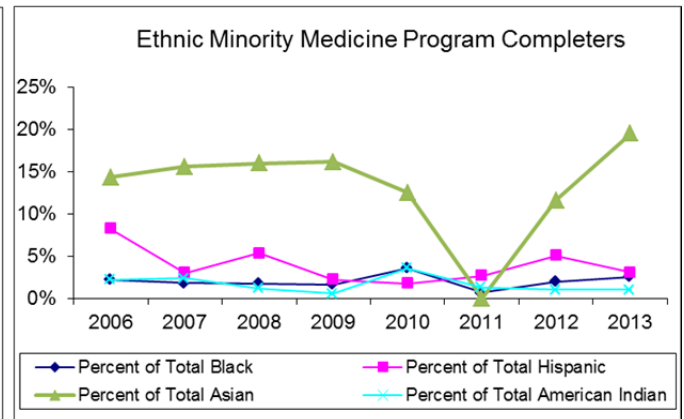
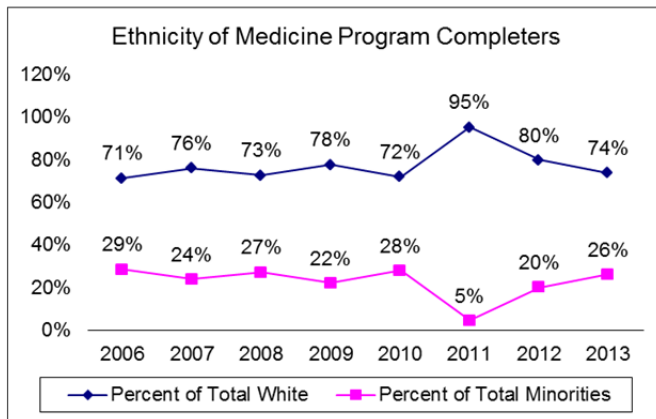
## Medicine – MD (CIP 51.1201)



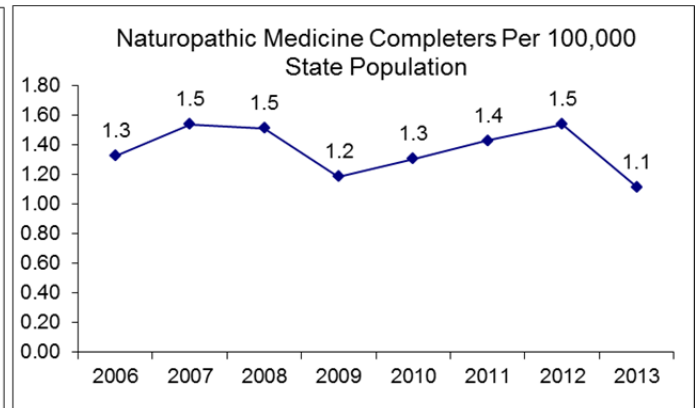
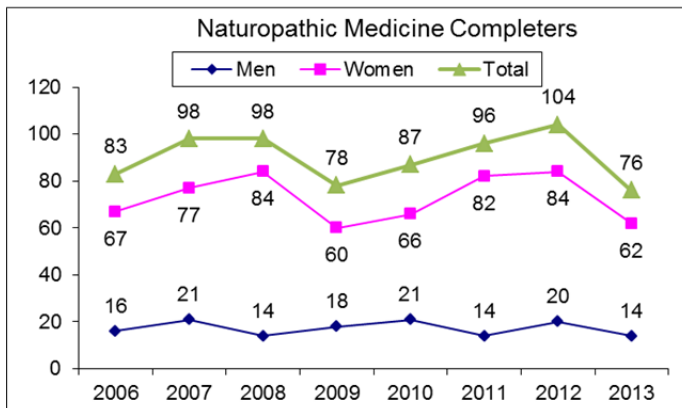
- Two universities offered a program in Medicine in 2013, an addition of one from last year.

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2012
Professional Degree	182	167	169	180	168	188	211	222

- Total annual program completions increased by 22 percent between 2006 and 2013.
- Completions per 100,000 population increased by 12 percent from 2006 to 2013.
- 58 percent of program completers were female in 2013, the same as in 2006.



### Naturopathic Medicine (CIP 51.3303)



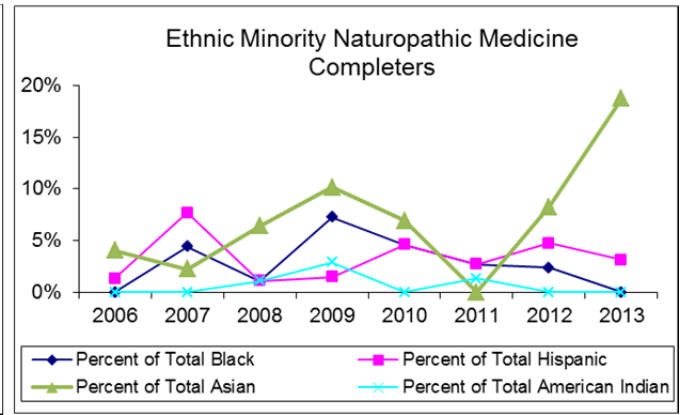
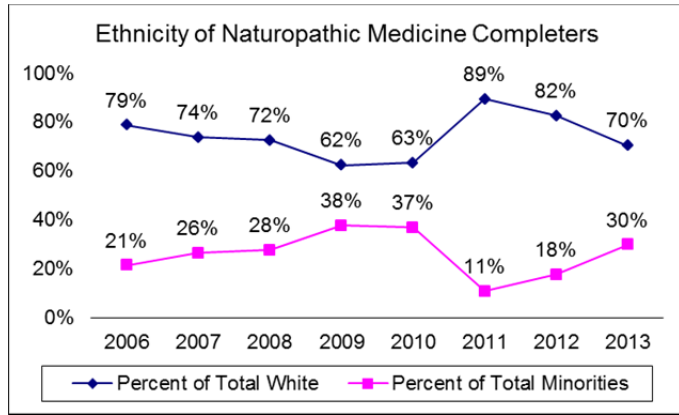
- One university offered a program in Naturopathic Medicine in 2013.

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Professional Degree	83	98	98	78	87	96	104	76

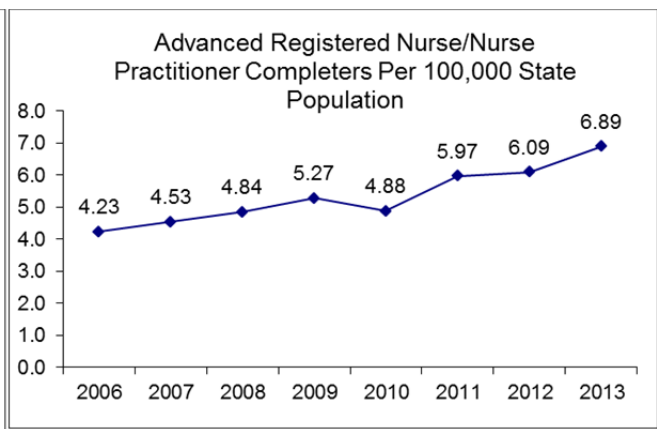
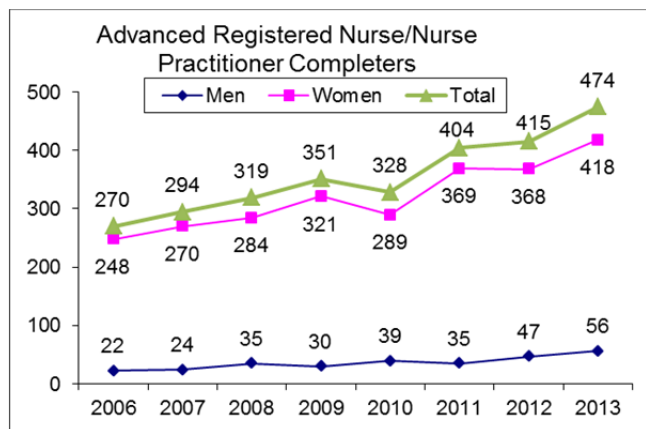
- Total annual program completions decreased by 8 percent between 2006 and 2013, and decreased by 27 percent from last year.

► Health Professions Education - Completions

- Completions per 100,000 population decreased by 16 percent from 2006 to 2013.
- 82 percent of program completers were female in 2013, compared to 81 percent in 2006.



### Advanced Registered Nurse Practitioner (51.3805 and 3801)



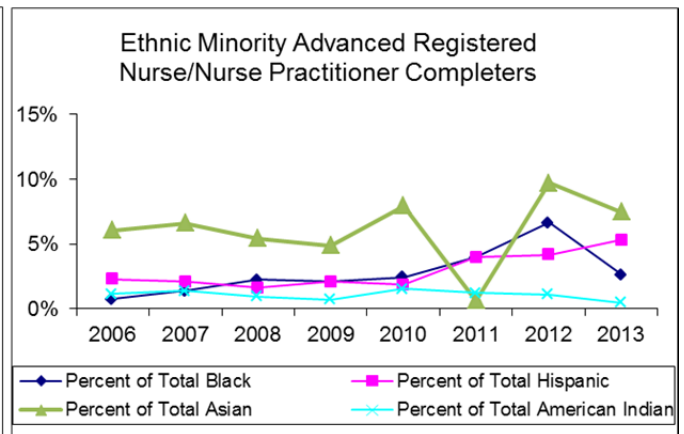
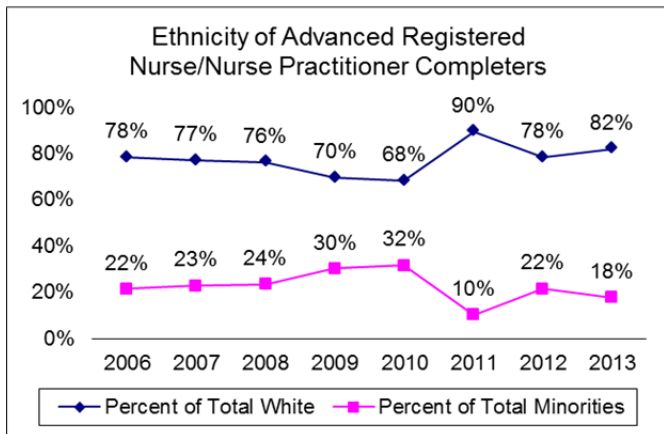
- Eight universities and branches offered Advanced Registered Nurse/Nurse Practitioner programs in 2013.
- Nurse Practitioners and Registered Nurses having a degree or certificate at or above the master's level were selected. Completion numbers are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Doctor's Degree	19	14	14	16	0	40	43	48
Master's Degree	227	254	280	302	328	364	372	426

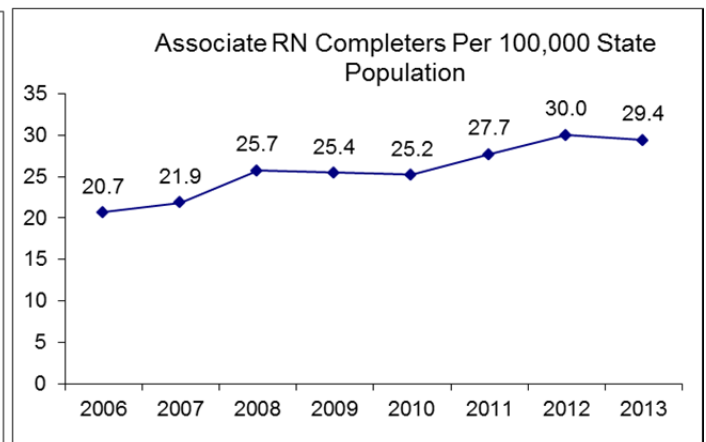
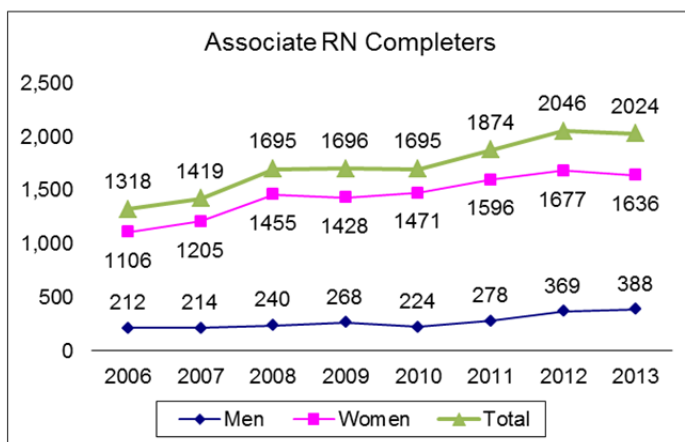
- Total annual program completions increased by 76 percent between 2006 and 2013.

► Health Professions Education - Completions

- Completions per 100,000 population increased by 63 percent from 2006 to 2013.
- 88 percent of program completers were female in 2013 compared to 92 percent in 2006.



### Associate Registered Nurse (51.3801)

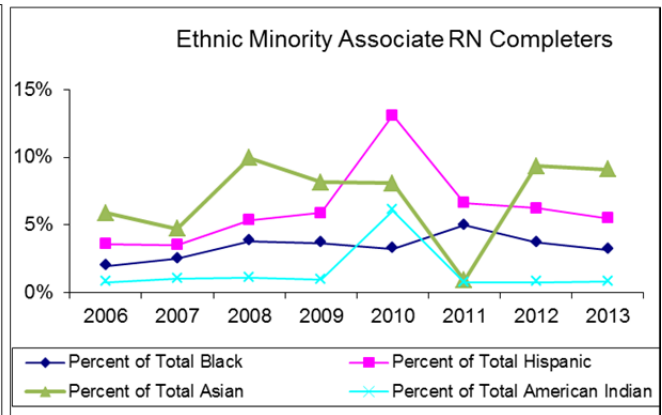
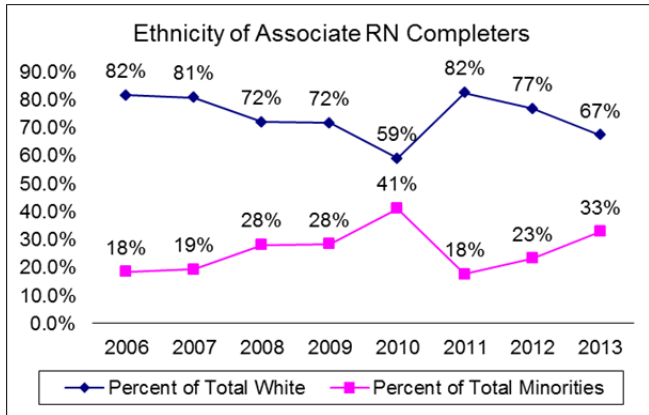


- Thirty-five community and technical colleges and universities offered Registered Nurse programs at the associate's level or less in 2013.

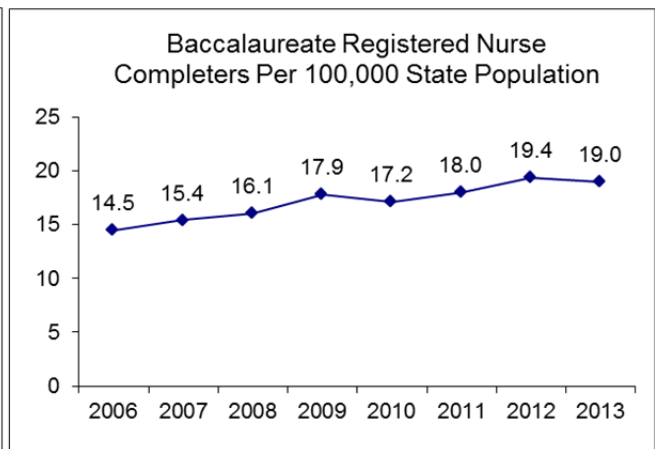
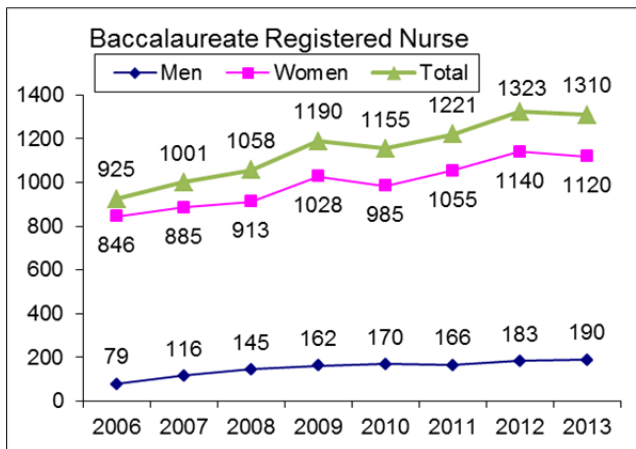
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	1318	1419	1695	1696	1695	1860	2035	2024
Less than two years	0	0	0	0	0	14	11	0

► Health Professions Education - Completions

- Total annual program completions for associate level RNs increased by 54 percent between 2006 and 2013.
- Completions per 100,000 population increased by 42 percent from 2006 to 2013.
- 81 percent of program completers were female in 2013 compared to 87 percent in 2006.
- There was a 19 percent increase of males completing an associate level nursing program.



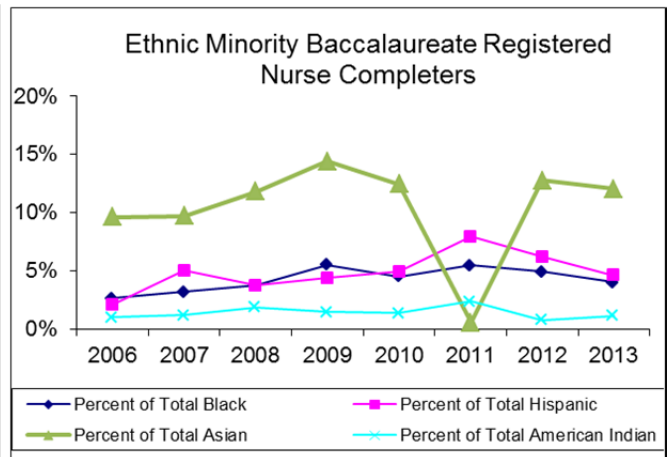
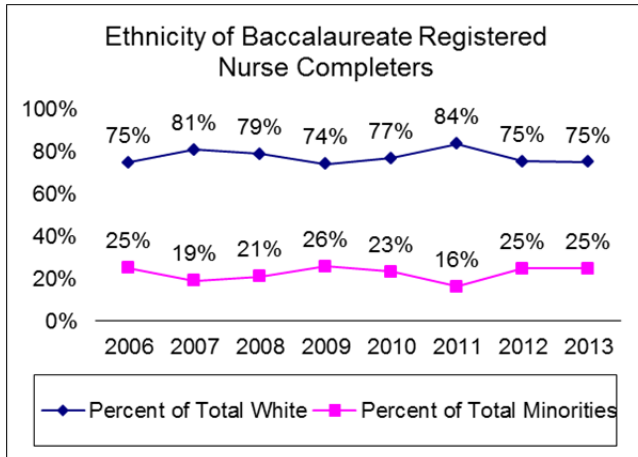
### Baccalaureate Registered Nurse (51.3801)



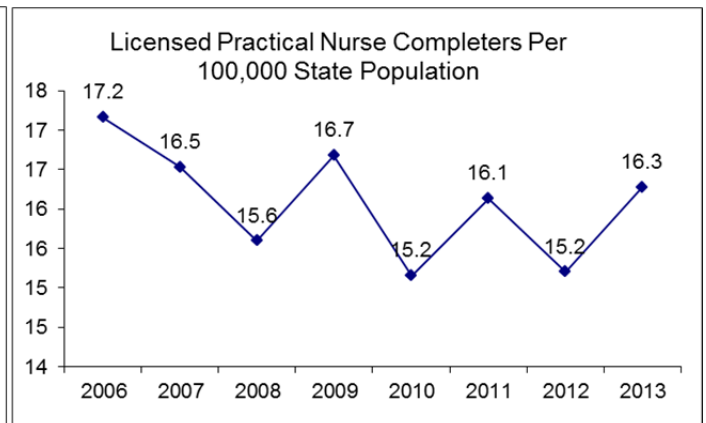
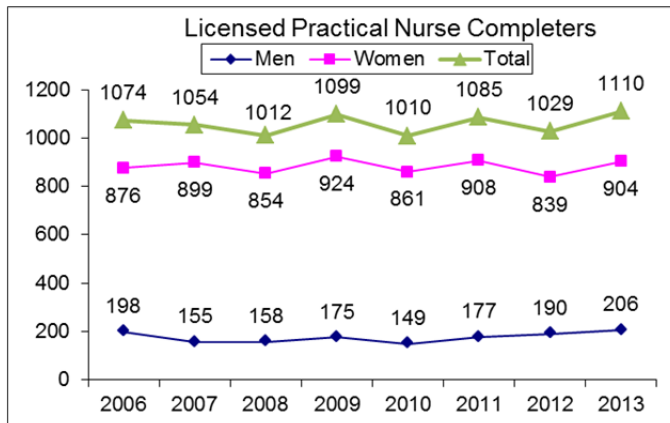
- Thirteen universities and colleges offered Registered Nurse programs at the Baccalaureate level in 2013.
- The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
<b>Baccalaureate</b>	851	925	1001	1058	1190	1155	1323	1310

- Total annual program completions for baccalaureate level RNs increased by 42 percent between 2006 and 2013.
- Completions per 100,000 population increased by 31 percent from 2006 to 2013.
- 85 percent of program completers were female in 2013 compared to 91 percent in 2006.
- There was a 70 percent increase of males completing a baccalaureate level nursing program during the same time period.



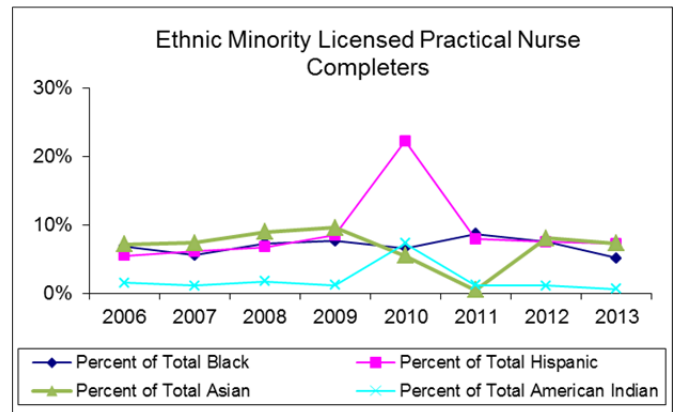
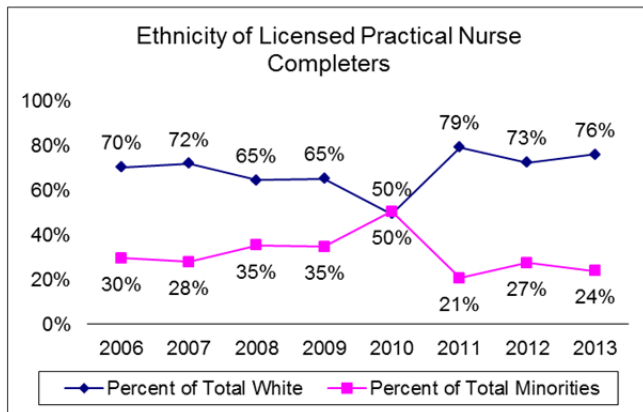
## Licensed Practical Nurse (51.3901)



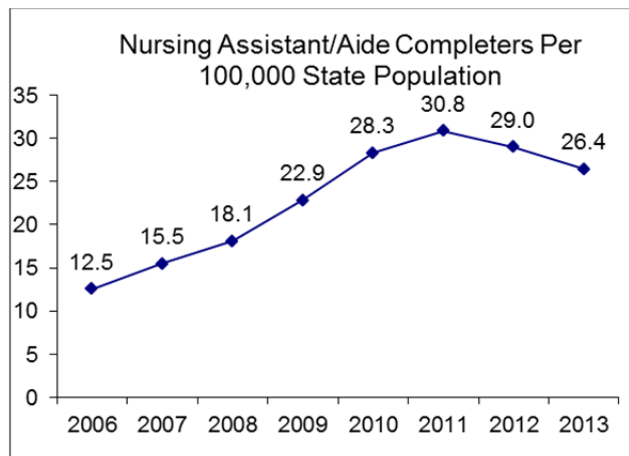
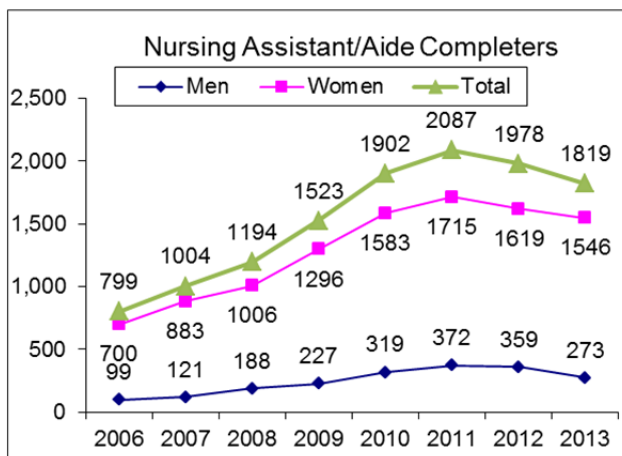
- Twenty-three community and technical colleges offered Licensed Practical Nurse programs in 2013 up from 22 last year.
- The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	1110	1019	988	928	926	973	927	981
Associate	41	55	54	43	71	112	102	129
2 to 4 years	52	0	12	41	15	13	0	0

- Total annual program completions for LPNs increased by 3 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 5 percent from 2006 to 2013.
- 81 percent of program completers were female in 2013 compared to 82 percent in 2006.



## Nursing Assistant/Aide and Patient Care (51.3902)



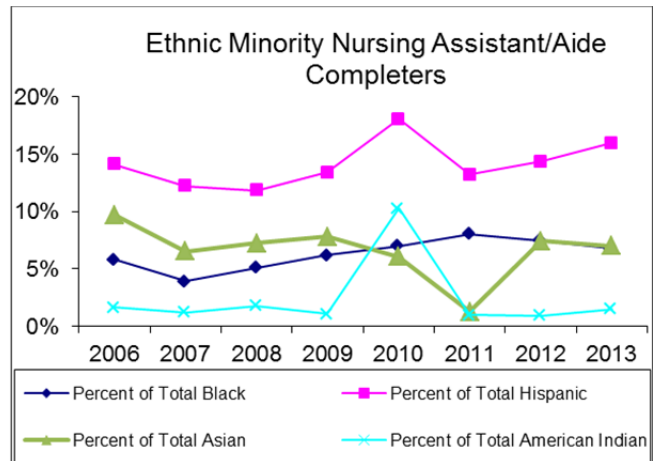
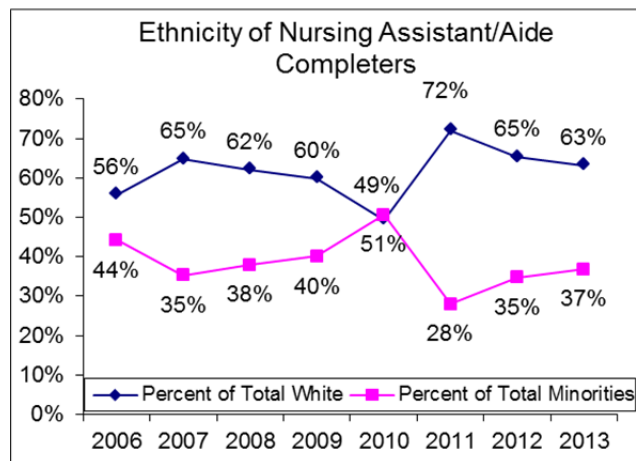


► Health Professions Education - Completions

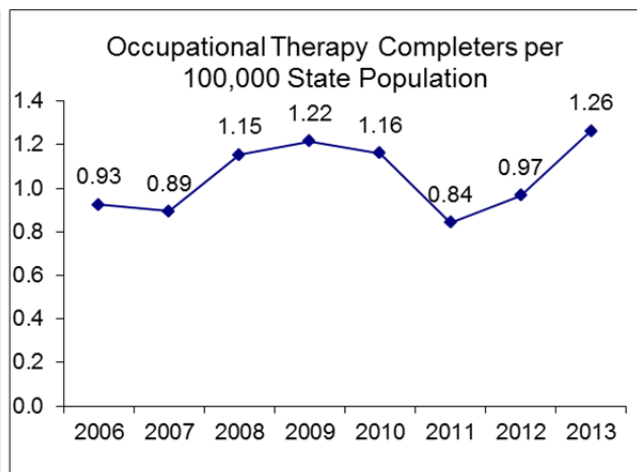
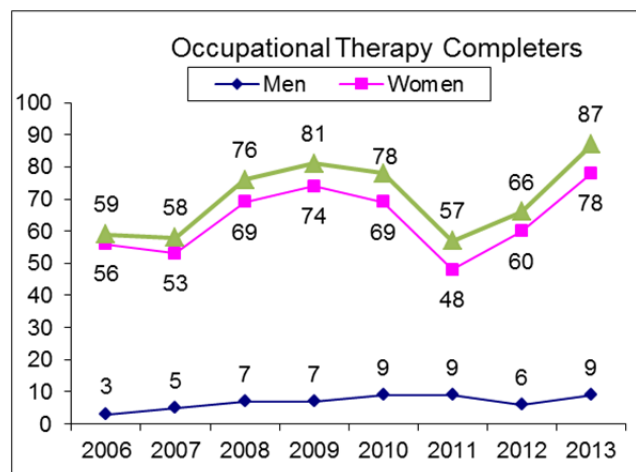
- Twenty-seven educational institutions offered Nursing Assistant/Aide programs in 2013 up from 25 in 2012.
- The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
less than 1 year	799	1,004	1,194	1,523	1,902	2,087	1,978	1,819

- Total annual program completions increased by 128 percent between 2006 and 2013.
- Completions per 100,000 population increased by 111 percent from 2006 to 2013.
- 85 percent of program completers were female in 2013 compared to 88 percent in 2006.



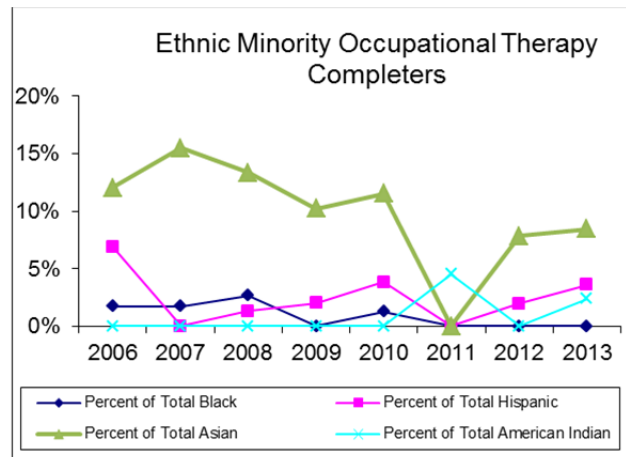
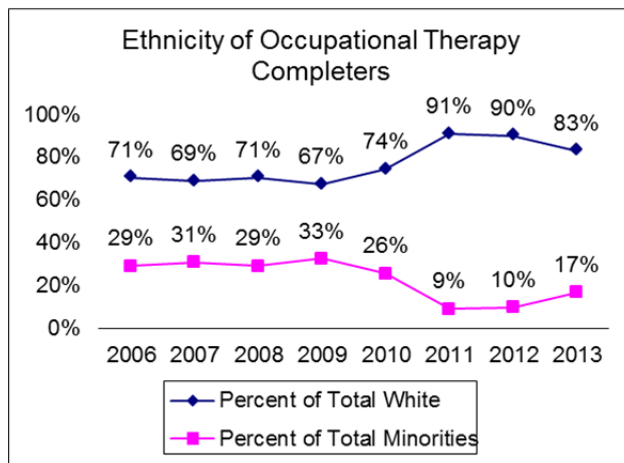
**Occupational Therapy (CIP 51.2306)**



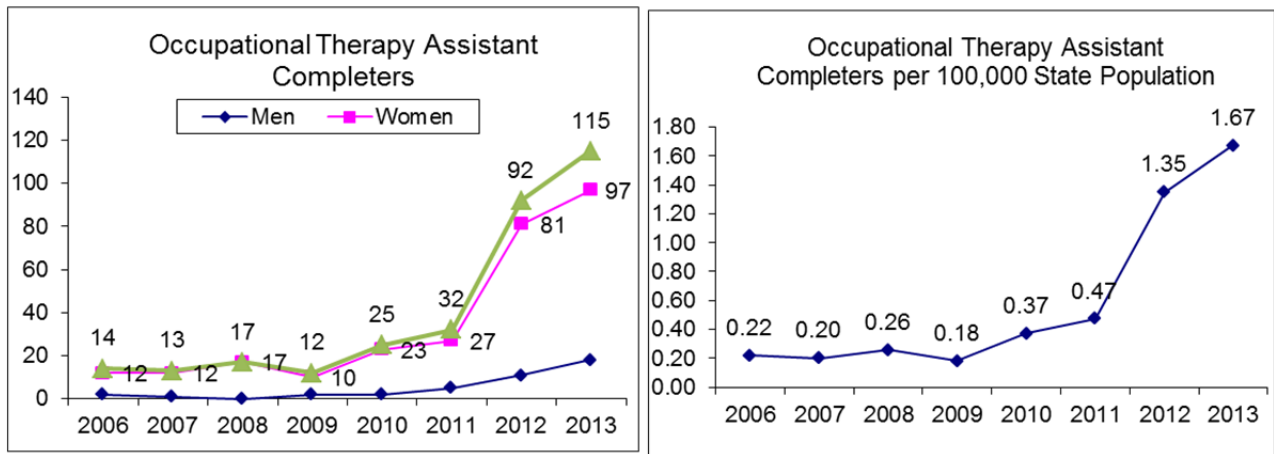
- Three universities in the state offered Occupational Therapy programs in 2013.
- There have been two types of Occupational Therapy Program credentials in Washington; however the baccalaureate has not been issued since 2008. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
<b>Baccalaureate</b>	16	15	1	0	0	0	0	0
<b>Master's</b>	43	43	75	81	78	57	66	87

- Total annual program completions increased by 47 percent between 2006 and 2013 and by 32 percent from last year.
- Completions per 100,000 population increased by 37 percent over the same time period.
- 90 percent of program completers were female in 2013 compared to 95 percent in 2006.



## Occupational Therapy Assistant (CIP 51.0803)

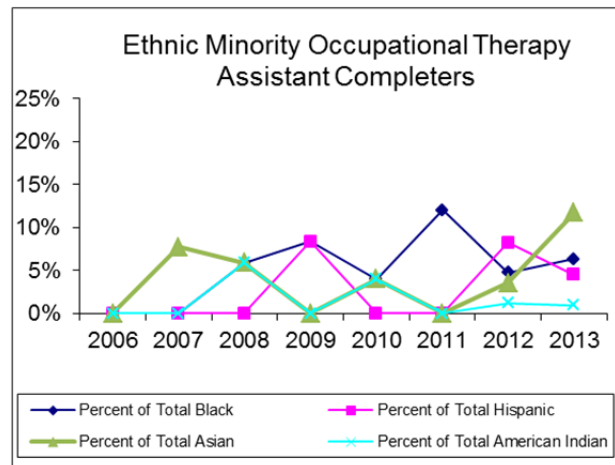
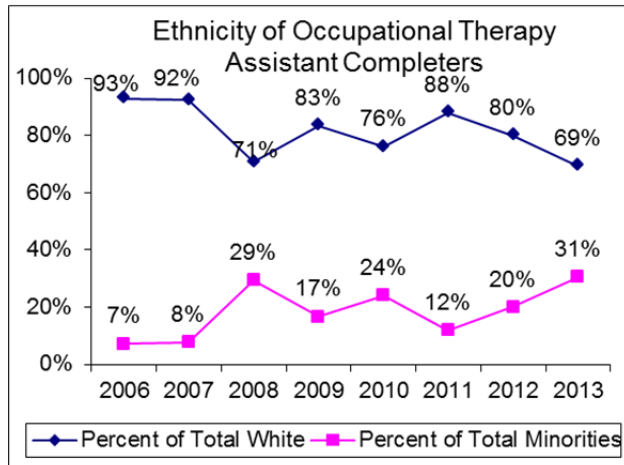


- Five educational institutions offered an Occupational Therapy Assistant program in 2013.
- There is one type of Occupational Therapy Assistant Program credential in Washington. The number of program completions from 2006-2013 by type are as follows:

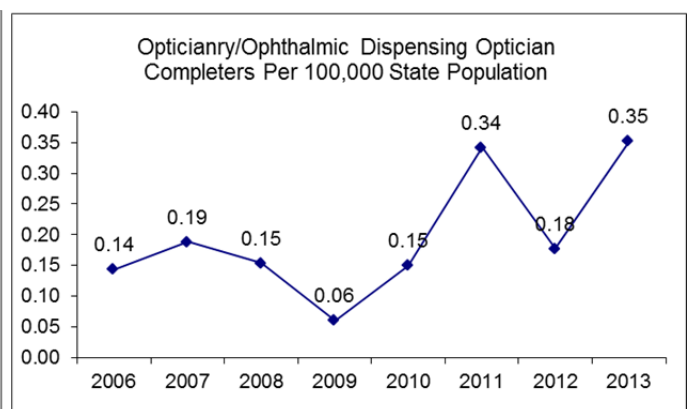
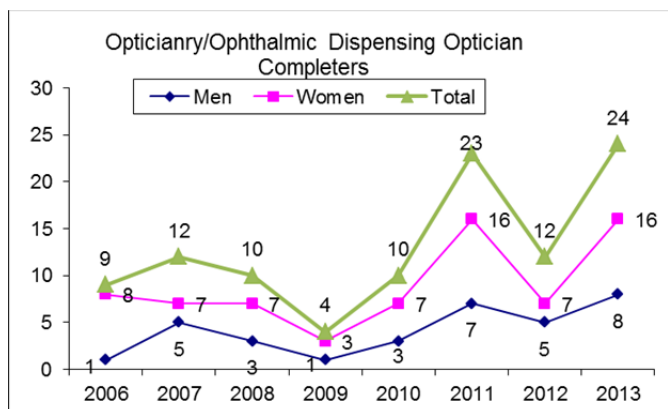
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	14	13	17	12	25	32	92	115

- Total annual program completions increased by 721 percent from 14 to 115 between 2006 and 2013.
- Completions per 100,000 population increased by 661 percent over the same time period.
- 84 percent of program completers were female in 2013 compared to 86 percent in 2006.

► Health Professions Education - Completions



## Opticianry/Ophthalmic Dispensing Optician (CIP 51.1801)



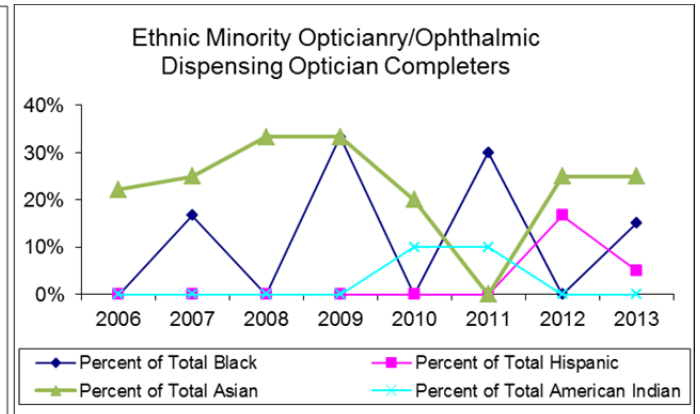
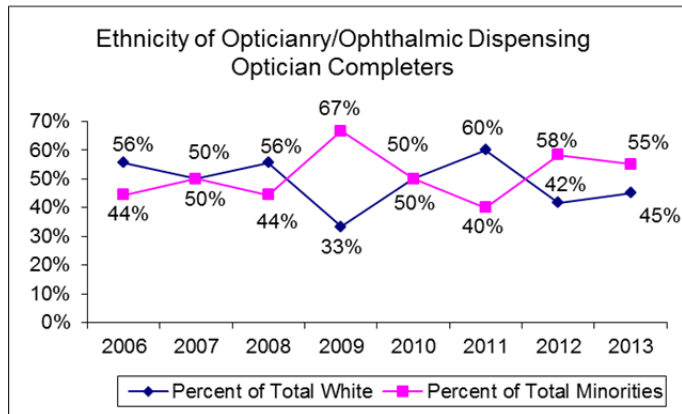
- One educational institution offered Opticianry/Ophthalmic Dispensing Optician programs in 2013.
- There is one types of Opticianry/Ophthalmic Dispensing program credential currently in Washington. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	7	12	9	4	10	23	12	24

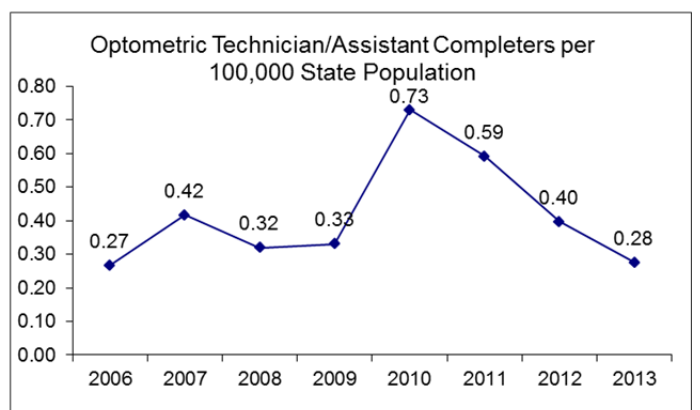
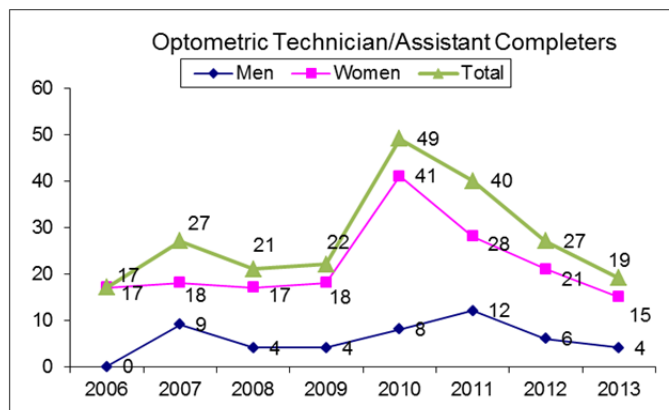
- Total annual program completions increased by 167 percent (from 9 to 24) between 2006 and 2013.
- Completions per 100,000 population increased by 145 percent from 2006 to 2013.
- 67 percent of program completers were female in 2013 compared to 89 percent in 2006.

► Health Professions Education - Completions

- 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.



### Optometric Technician Assistant (CIP 51.1802)



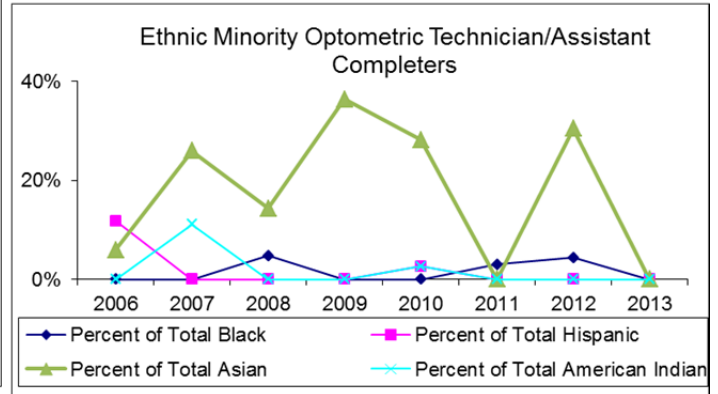
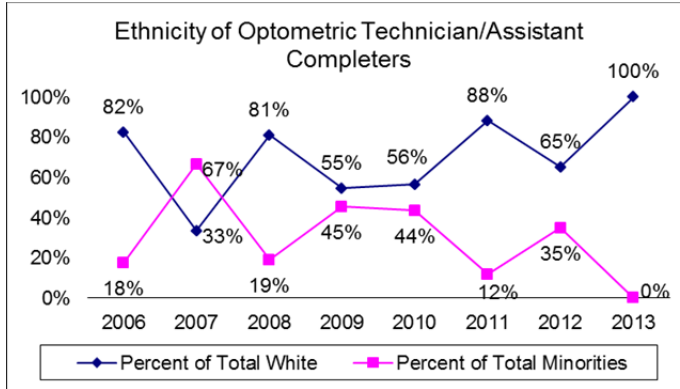
- Two educational institutions offered an Optometric Technician Assistant program in 2013.
- There are two types of Optometric Technician Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	9	21	14	14	34	25	15	12
Associate	8	6	7	8	15	15	12	7

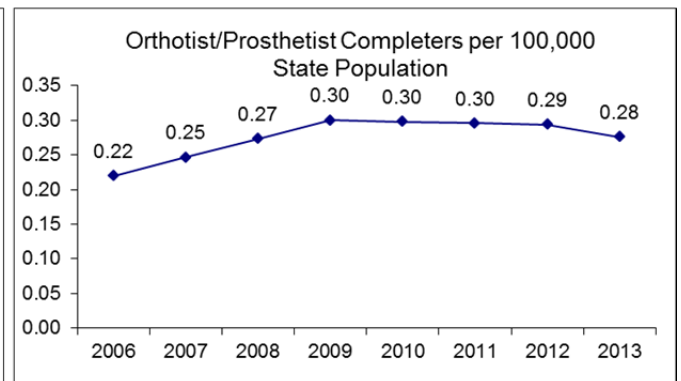
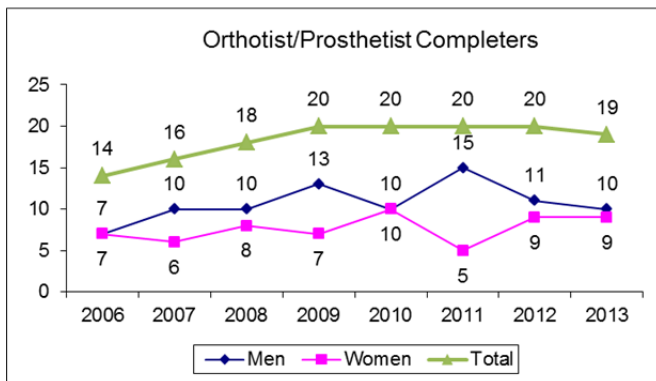
- Total annual program completions increased by 12 percent between 2006 and 2013.
- Completions per 100,000 population increased by 4 percent over the same time period.

► Health Professions Education - Completions

- 79 percent of program completers were female in 2013 compared to 100 percent in 2006.
- 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.



### Orthotist/Prosthetist (CIP 51.2307)



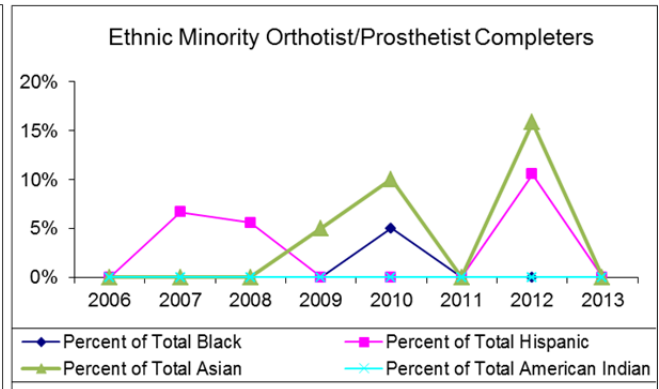
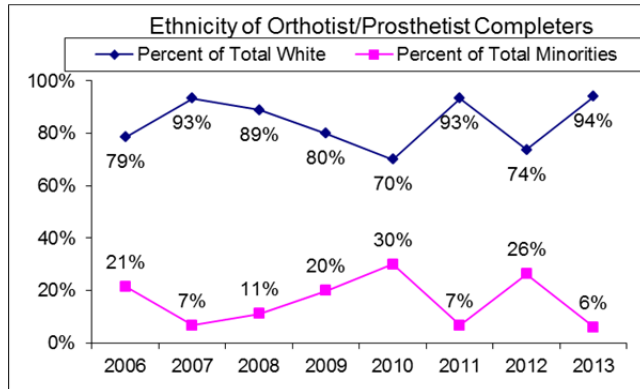
- One educational institution offered Orthotist/Prosthetist program in 2013.
- There have been three types of Orthotist/Prosthetist Program credentials in Washington; however in 2013 a master's credential was added. The number of program completions from 2006-2013 by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	0	0	1	2	2	3	2	2
Associate	5	6	6	8	6	8	10	8
Baccalaureate	9	10	11	10	12	9	8	0
Master's	0	0	0	0	0	0	0	9

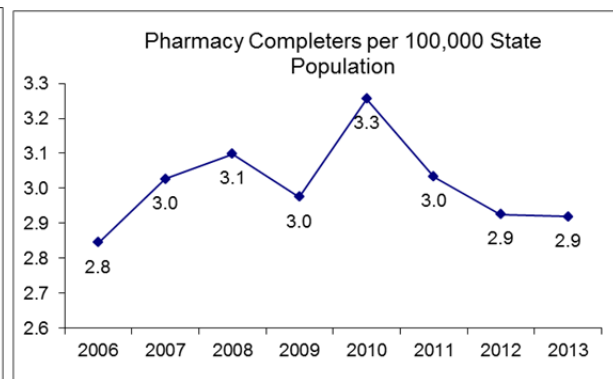
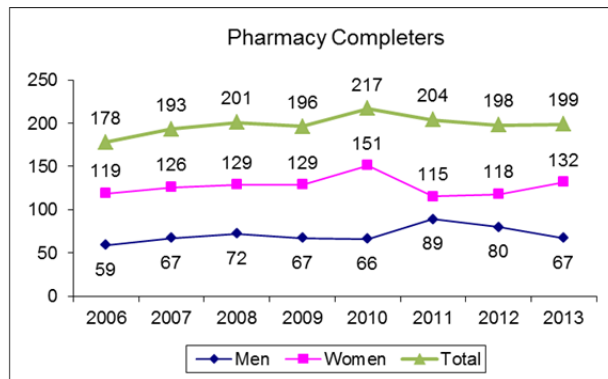
- The total number of completions in 2013 increased by 36 percent from 2006.

► Health Professions Education - Completions

- Completions per 100,000 population increased by 26 percent from 2006 to 2013.
- 47 percent of program completers were female in 2013 compared to 30 percent in 2006.
- 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.



## Pharmacy (CIP 51.2001)



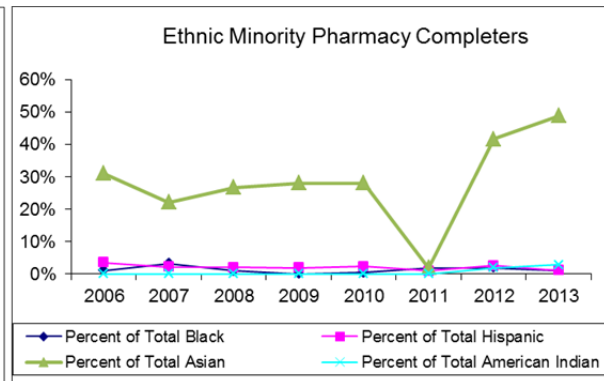
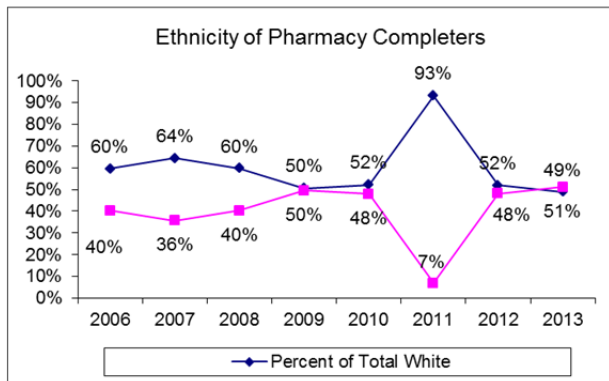
- Two universities offered a Pharmacy program in 2013.
- The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Professional degree	169	178	193	201	169	202	194	194
Master's	0	0	0	0	5	2	4	5

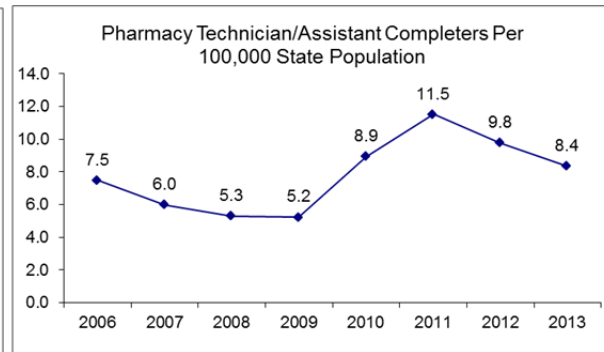
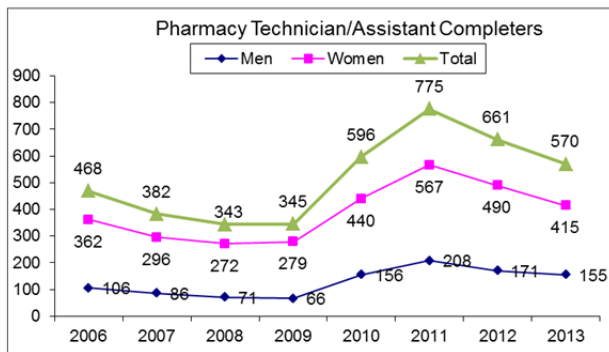
- Total annual program completions increased by 12 percent between 2006 and 2013.
- Completions per 100,000 population increased by 3 percent from 2006 to 2013.

► Health Professions Education - Completions

- 66 percent of program completers were female in 2013 compared to 67 percent in 2006.



### Pharmacy Technician/Assistant (CIP 51.0805)



- Seventeen educational institutions in Washington offered Pharmacy Technician/Assistant programs in 2013, up from 15 last year.
- There are two types of Pharmacy Technician/Assistant Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

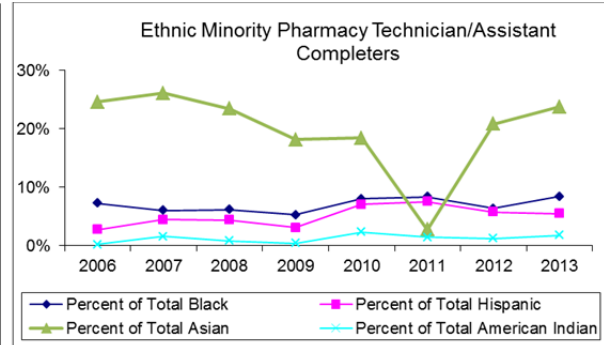
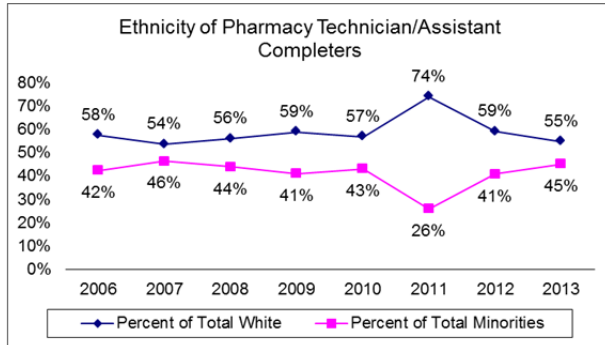
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	609	450	348	306	571	736	596	503
Associate	21	18	34	37	25	39	65	67

- Total annual program completions increased by 22 percent between 2006 and 2013.

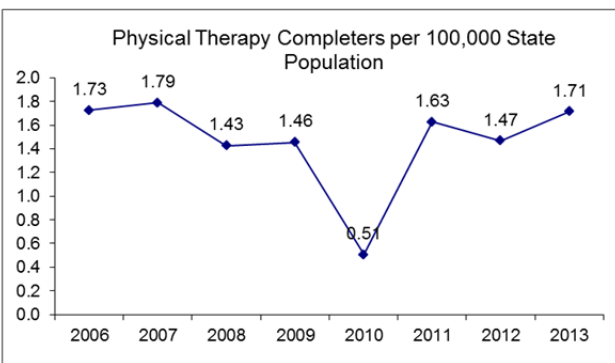
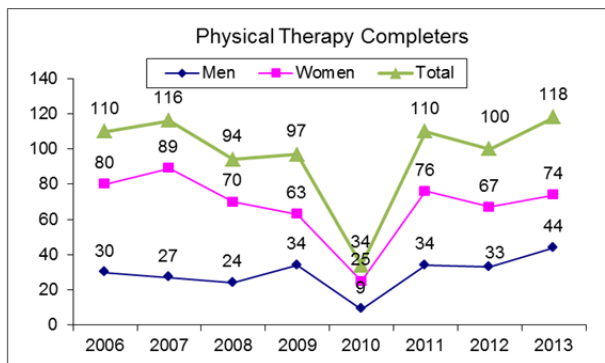


► Health Professions Education - Completions

- Completions per 100,000 population increased by 12 percent between 2006 and 2013.
- 73 percent of program completers were female in 2013 compared to 77 percent in 2006.



**Physical Therapy (CIP 51.2308)**

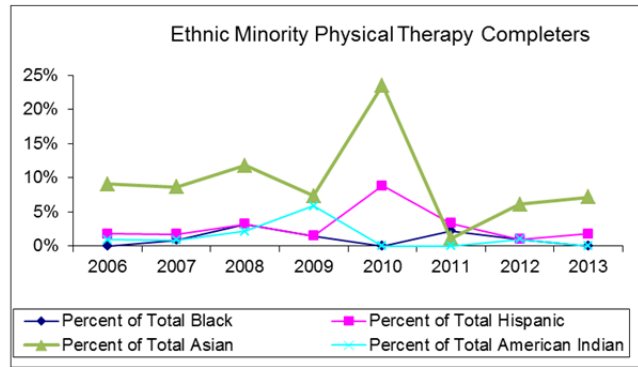
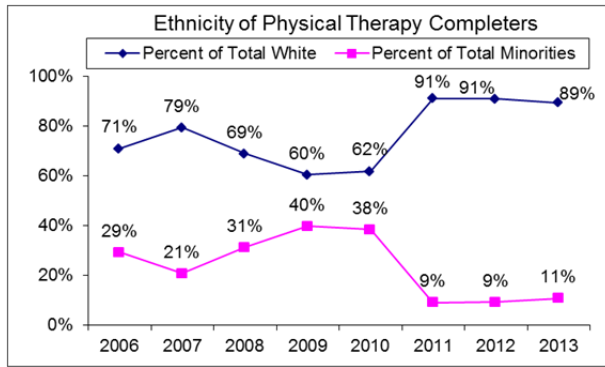


- Three universities in the state offered Physical Therapy programs in 2013.
- Since 2008, there has been one type of Physical Therapy Program credential in Washington.
- The number of program completions from 2006-2013 by type are as follows:

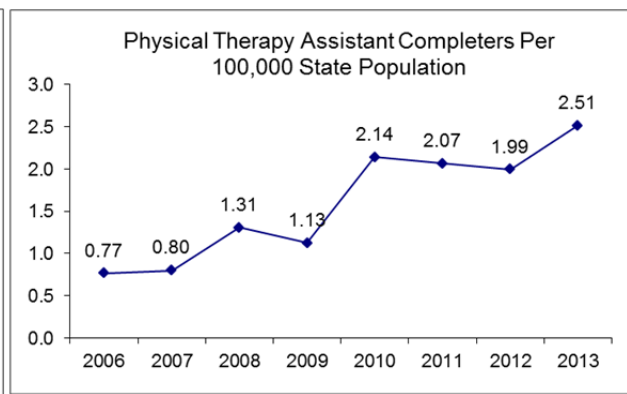
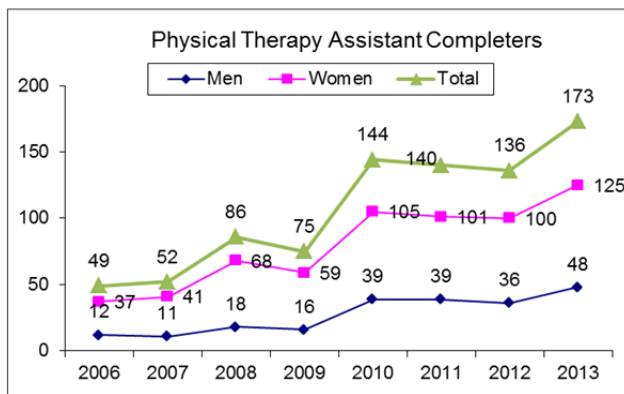
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Master's	46	53	0	0	0	0	0	0
Doctoral	64	63	94	97	34	110	100	118

- Total annual program completions increased by 7 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 0.6 percent from 2006 to 2013.
- 63 percent of program completers were female in 2013 compared to 73 percent in 2006.

► Health Professions Education - Completions



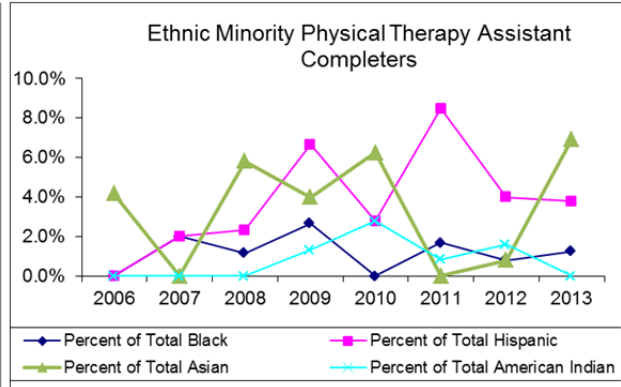
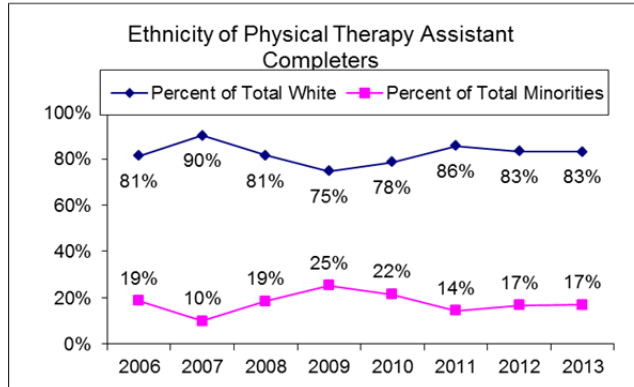
## Physical Therapy Assistant (CIP 51.0806)



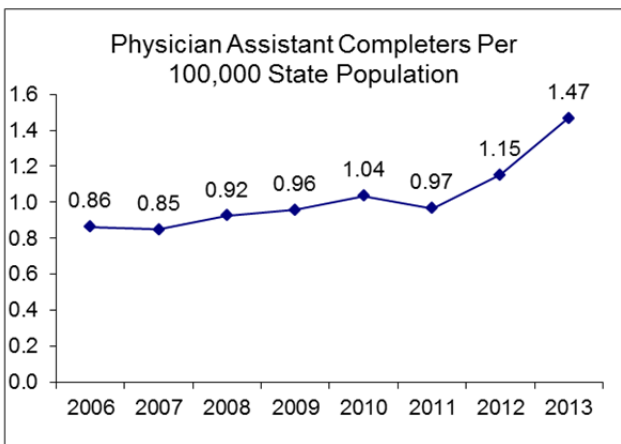
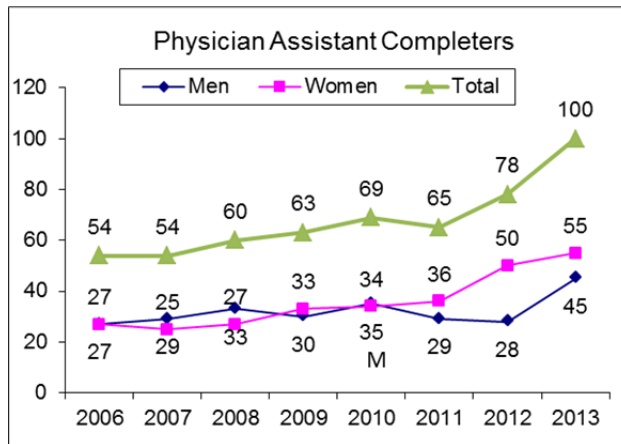
- Six educational institutions offered Physical Therapy Assistant programs in 2013.
- There is one type of Physical Therapy Assistant Program credential in Washington. The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	49	52	86	75	144	140	136	173

- Total annual program completions increased by 253 percent between 2006 and 2013 and by 27 percent from last year.
- Completions per 100,000 population increased by 227 percent from 2006 to 2013.
- 72 percent of program completers were female in 2013 compared to 76 percent in 2006.



### Physician Assistant (CIP 51.0912)

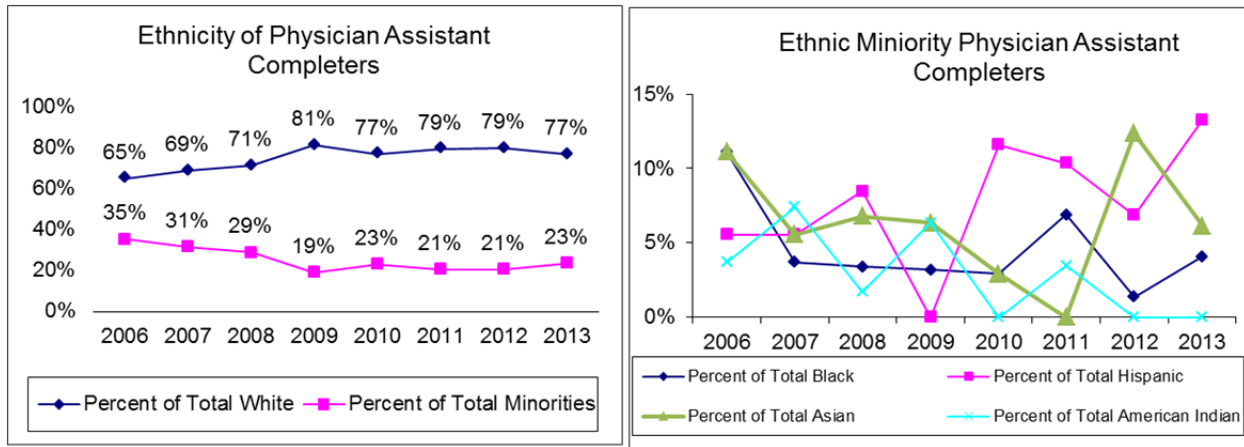


- One university offered a Physician Assistant program in 2013.
- In 2012 a master’s program was added to the type of credentials for Physician Assistant. The number of program completions from 2006-2013 are as follows:

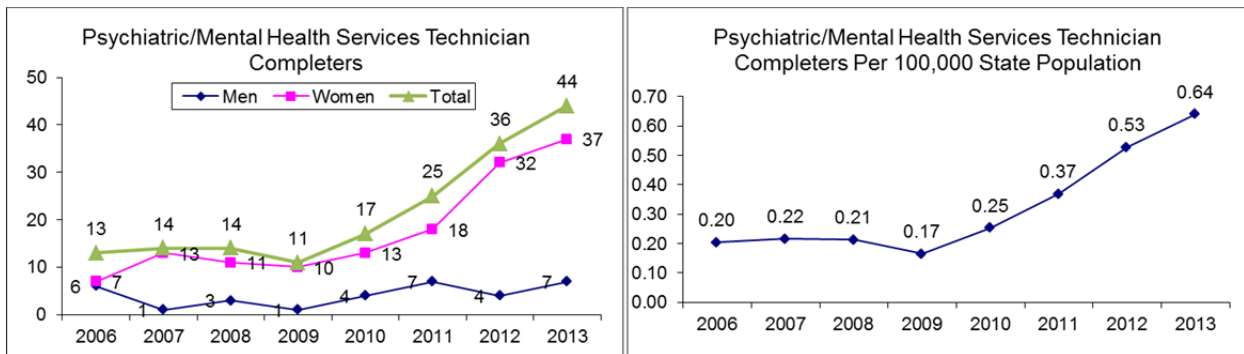
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Baccalaureate	54	54	60	63	69	65	32	27
Master's	0	0	0	0	0	0	46	73

- Total annual program completions increased by 85 percent between 2006 and 2013.
- Completions per 100,000 population increased by 70 percent from 2006 to 2013.
- 55 percent of program completers were female in 2013 compared to 50 percent in 2006.

► Health Professions Education - Completions



### Psychiatric/Mental Health Services Technician (CIP 51.1502)

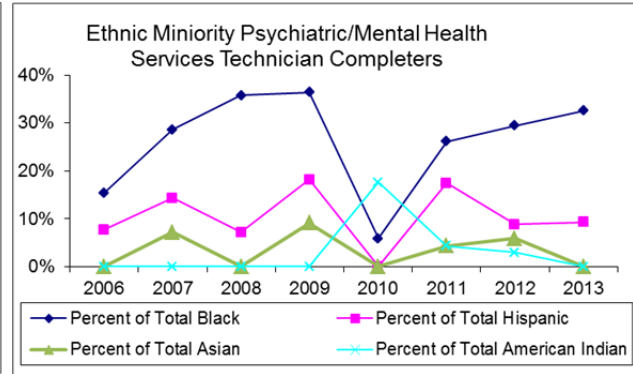
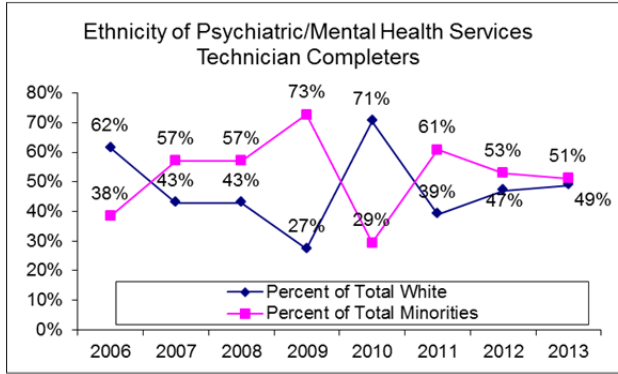


- One educational institution offered a Psychiatric/Mental Health Services Technician program in 2013.
- There are two types of Psychiatric/Mental Health Program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

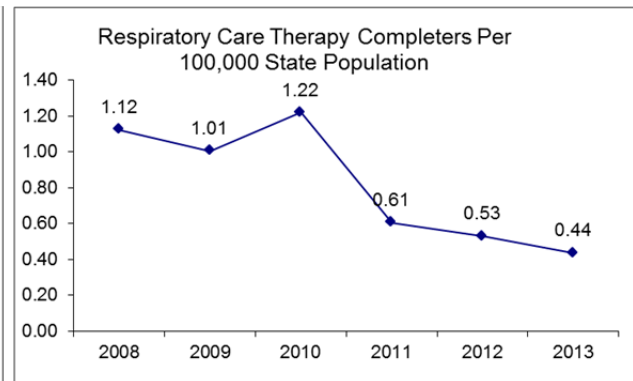
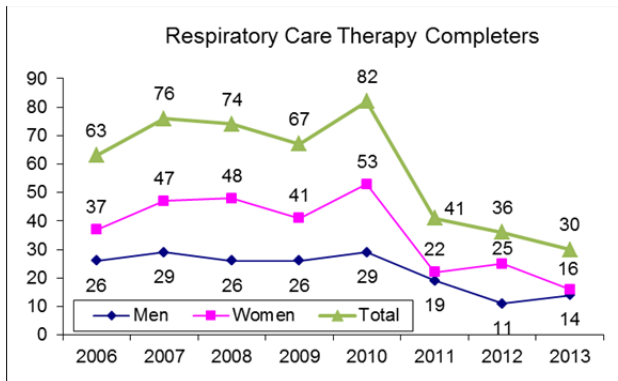
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	9	11	12	9	13	25	30	32
Associate	4	3	2	2	4	0	6	12

- Total annual program completions increased by 238 percent between 2006 and 2013.
- Completions per 100,000 population increased by 214 percent from 2006 to 2013.
- 84 percent of program completers were female in 2013 compared to 54 percent in 2006.

► Health Professions Education - Completions



## Respiratory Care Therapy (CIP 51.0908)

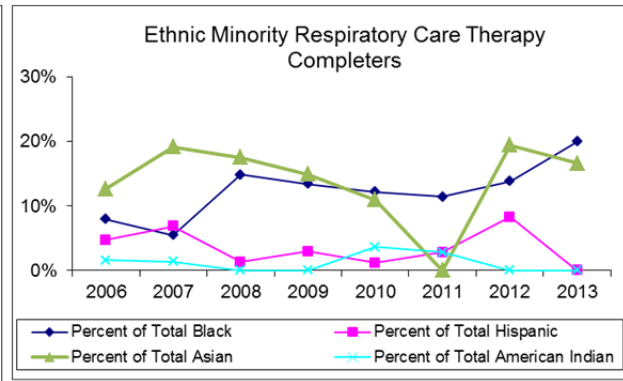
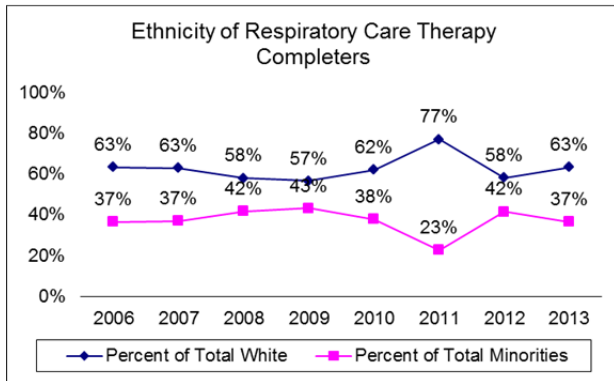


- One medical institute offered Respiratory Care Therapy programs in 2013.
- An associate’s degree is the only type of Respiratory Care Therapy Program credential currently available in Washington. The number of program completions from 2006-2013 are as follows:

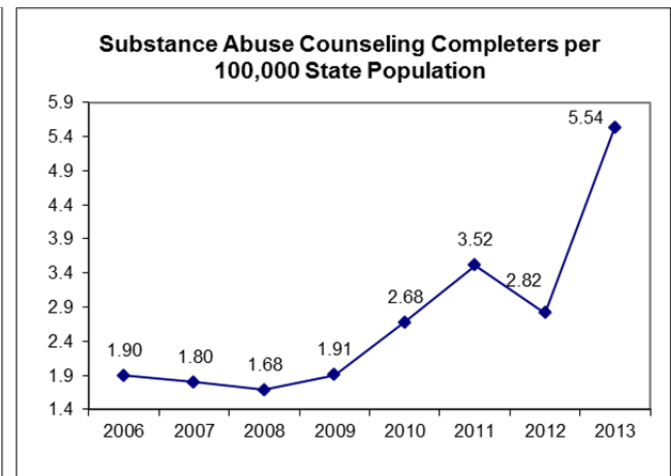
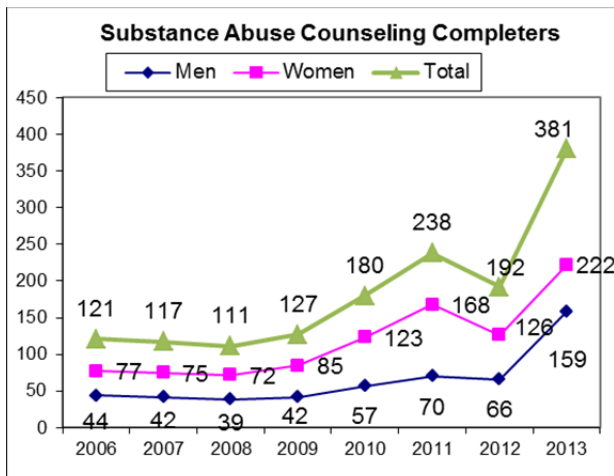
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	63	76	74	67	82	41	36	30

- Total annual program completions decreased by 52 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 56 percent from 2006 to 2013.
- 53 percent of program completers were female in 2013, compared to 59 percent in 2006

► Health Professions Education - Completions



### Substance Abuse/Addiction Counseling Program Completers (CIP 51.1501)

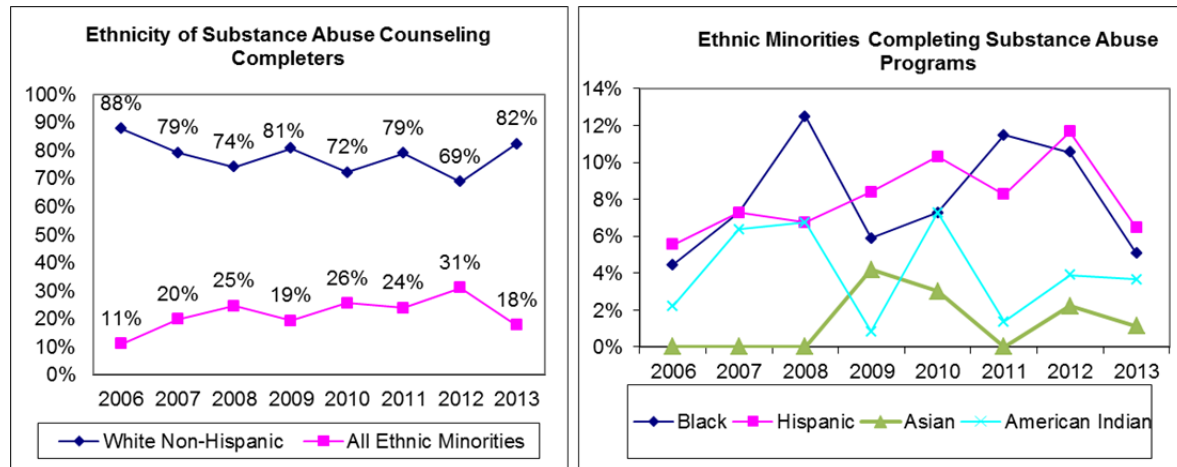


- Eighteen community and state colleges offered substance abuse/addiction counseling programs in 2013.
- There are now three types of credentials for substance abuse/addiction counseling from programs in Washington. The number of program completions from 2006-2013 by type are as follows:

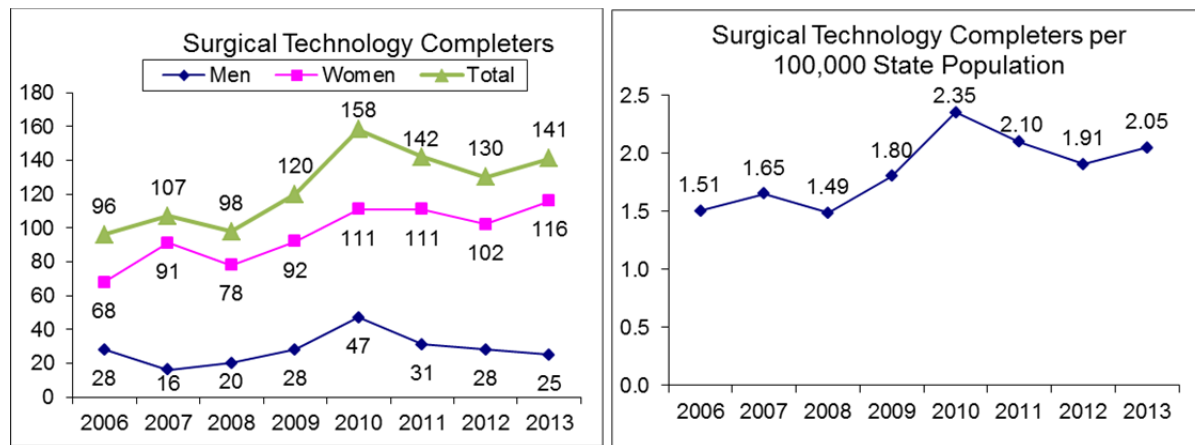
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	63	68	54	68	92	141	103	278
Associate	58	49	57	59	88	97	89	100
Baccalaureate	0	0	0	0	0	0	0	3

- Total annual program completions increased by 215 percent from 2006 to 2013.
- Completions per 100,000 population increased by 192 percent from 2006 to 2013.
- 58 percent of program completers were female in 2013 compared to 64 percent in 2006.

► Health Professions Education - Completions



### Surgical Technology Program (CIP 51.0909)

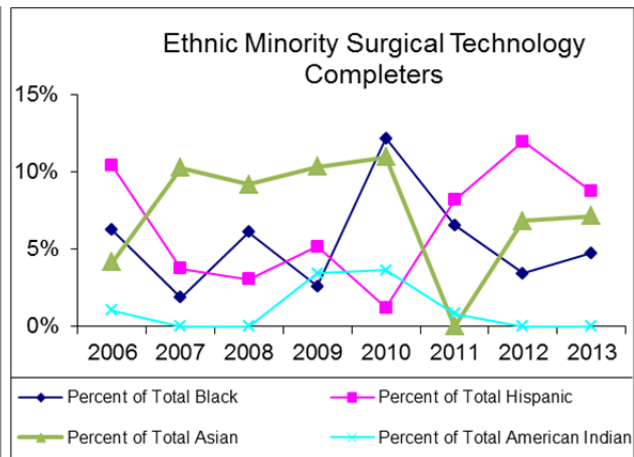
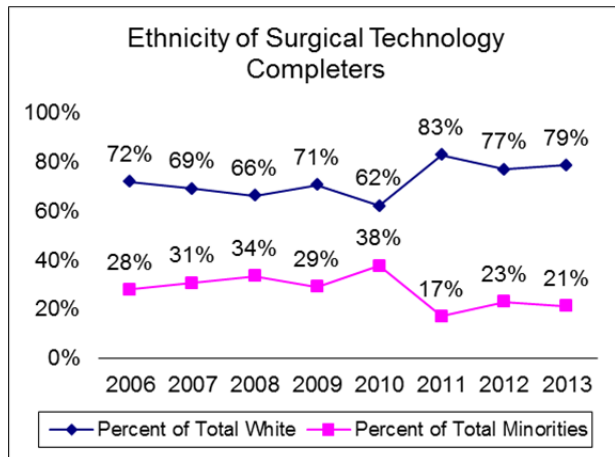


- Seven educational institutions offered Surgical Technology programs in 2013.
- There are two types of Surgical Technology program credentials in Washington. The number of program completions from 2006-2013 by type are as follows:

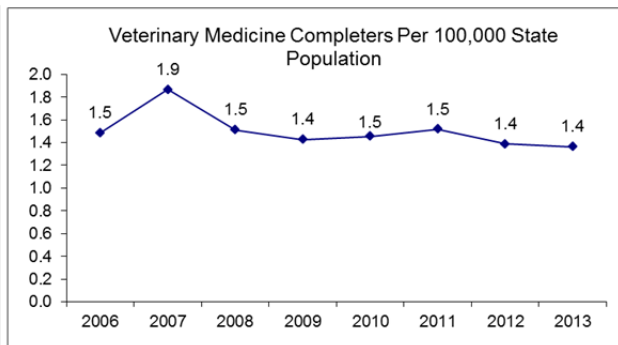
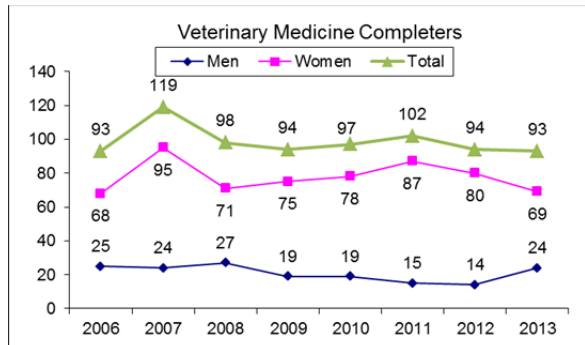
Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Less than two years	56	69	52	62	94	70	48	56
Associate	40	38	46	58	64	72	82	85

- Total annual program completions increased by 47 percent between 2006 and 2013 and by 8 percent from last year.
- Completions per 100,000 population increased by 36 percent from 2006 to 2013.
- 82 percent of program completers were female in 2013 compared to 71 percent in 2006.

► Health Professions Education - Completions



## Veterinary Medicine (CIP 51.2401)



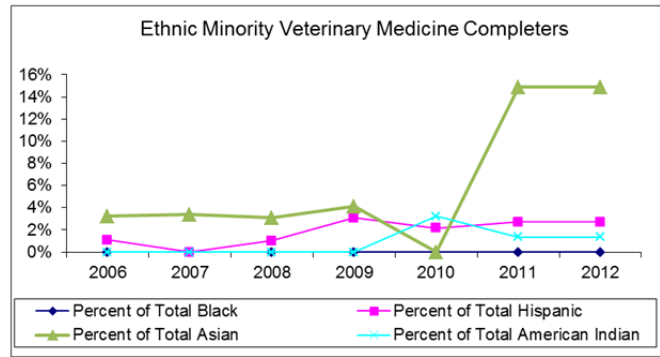
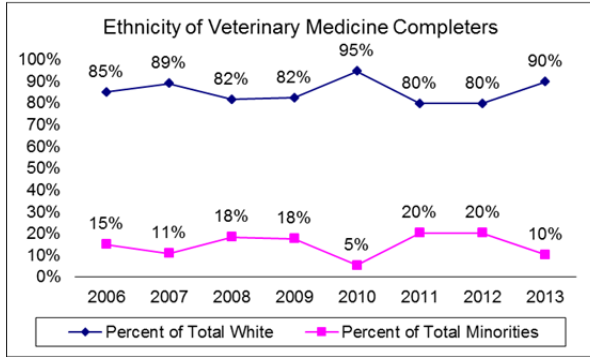
- One university offered a program in Veterinary Medicine in 2013.
- The number of program completions from 2006-2013 are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Professional Degree	93	119	98	94	97	102	94	93

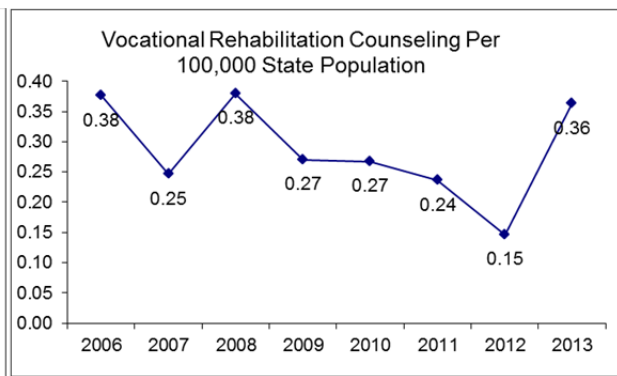
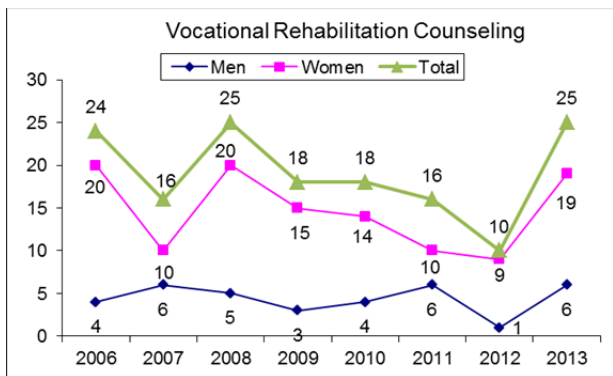
- Total annual program completions remained the same from 2006 to 2013.
- Completions per 100,000 population decreased by 8 percent from 2006 to 2013.
- 74 percent of program completers were female in 2013 compared to 73 percent in 2006.



► Health Professions Education - Completions



## Vocational Rehabilitation Counseling (CIP 51.2310)

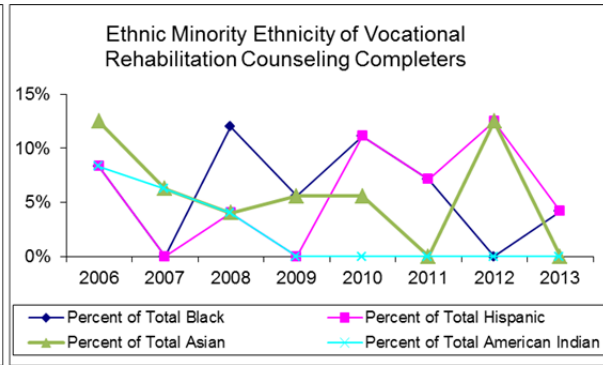
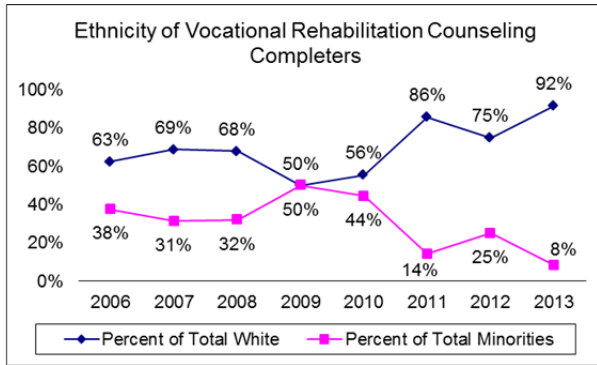


- One university and one community and technical college offered Vocational Rehabilitation Counseling programs in 2013
- Two types of Vocational Rehabilitation Counseling program credentials were offered in 2013.
- The number of program completions by type are as follows:

Type of Program	Number of Program Completions							
	2006	2007	2008	2009	2010	2011	2012	2013
Associate	5	2	5	1	5	1	2	9
Master's	19	14	20	17	13	15	8	16

- Total annual program completions increased by 4 percent between 2006 and 2013.
- Completions per 100,000 population decreased by 4 percent from 2006 and 2013.
- 76 percent of program completers were female in 2013 compared to 83 percent in 2006.

► Health Professions Education - Completions



## Completions by Workforce Development Areas

WDC Number	1	2	3	4	5	6	7	8	9	10	11	12	
CIP_Description	Olympic	Pacific Mountain	Northwest	Snohomish	Seattle/King	Pierce	Southwest Washington	North-Central Columbia	Tri-County	Eastern	Benton-Franklin	Spokane	Grand Total
Acupuncture and Oriental Medicine					61								61
Allied Health and Medical Assisting Services, Other							1						1
Allied Health Diagnostic, Intervention, and Treatment Professions, Other				1	21						2	29	53
Anesthesiologist Assistant					68								68
Athletic Training/Trainer										3		59	62
Audiology/Audiologist					116								116
Audiology/Audiologist and Speech-Language Pathology/Pathologist			12		174					9			195
Ayurvedic Medicine/Ayurveda					1								1
Bioethics/Medical Ethics										3			3
Clinical Laboratory Science/Medical Technology/Technologist					116								116
Clinical Nurse Leader						43							43
Clinical/Medical Laboratory Assistant				4			1	2					7
Clinical/Medical Laboratory Science and Allied Professions, Other					58								58
Clinical/Medical Laboratory Technician					2								2
Community Health Services/Liaison/Counseling			4									1	5
Dental Assisting/Assistant	5	24	10	9	142	129			7			116	442
Dental Hygiene/Hygienist			4	1	120		14		7		2	2	150
Dental Laboratory Technology/Technician						86							86
Dental Services and Allied Professions, Other						43				2			45
Dentistry					58								58
Diagnostic Medical Sonography/Sonographer and Ultrasound Technician					72	43					4	29	148
Dietetics and Clinical Nutrition Services, Other										3			3
Dietetics/Dietitian					4				2				6
Direct Entry Midwifery					3								3
Electrocardiograph Technology/Technician				3									3
Electroneurodiagnostic/Electroencephalographic Technology/Technologist					14								14
Emergency Care Attendant	2		2		58	86	14			1	2		165

► Health Professions Education - Completions

(EMT Ambulance)													
Emergency Medical Technology/Technician (EMT Paramedic)				7	58	86			2		4	29	186
Endodontics/Endodontology					58								58
Environmental Health					174								174
Family Practice Nurse/Nursing					116	43				6			165
Health Aides/Attendants/Orderlies, Other	2			6	2							58	68
Health and Medical Administrative Services, Other				1	5							29	35
Health and Wellness, General					1								1
Health Information/Medical Records Administration/Administrator					58							1	59
Health Information/Medical Records Technology/Technician		2	2	6	73	86	14					29	212
Health Professions and Related Clinical Sciences, Other				3	65								68
Health Services Administration						43							43
Health Services/Allied Health/Health Sciences, General										1			1
Health Unit Coordinator/Ward Clerk				4	14						2	58	78
Health/Health Care Administration/Management					121					3		2	126
Health/Medical Preparatory Programs, Other			8		119					3			130
Hearing Instrument Specialist						43						29	72
Herbalism/Herbalist					1								1
Histologic Technician				1									1
International Public Health/International Health					58								58
Licensed Practical/Vocational Nurse Training	5	14	6	8	186	43	1	3	9	1	2	29	307
Marriage and Family Therapy/Counseling					58	43							101
Massage Therapy/Therapeutic Massage	7		8	2	198	43	14				3	58	333
Medical Administrative/Executive Assistant and Medical Secretary	9	14	4	12	130	225	30		14	2	4	29	473
Medical Informatics					116								116
Medical Insurance Coding Specialist/Coder	12	1	8	22	81	43	29		14		2	58	270
Medical Insurance Specialist/Medical Biller				7	2	43						29	81
Medical Office Assistant/Specialist					116						2	58	176

► Health Professions Education - Completions

Medical Office Management/Administration	2			7	3			3	7			29	51
Medical Radiologic Technology/Science - Radiation Therapist			4		7	43	1		7			29	91
Medical Reception/Receptionist	5		6	11	70	48	15					29	184
Medical Transcription/Transcriptionist	2			7	5	43	15		7			29	108
Medical/Clinical Assistant	19	25	12	22	434	43	58	4	14	1	4	116	752
Medical/Health Management and Clinical Assistant/Specialist					7								7
Medicinal and Pharmaceutical Chemistry					58								58
Medicine					58					3			61
Mental and Social Health Services and Allied Professions, Other	10	3	2	8	186	86					2	29	326
Mental Health Counseling/Counselor			4		58							29	91
Music Therapy/Therapist					58								58
Naturopathic Medicine/Naturopathy					1								1
Nuclear Medical Technology/Technologist					14								14
Nursing Administration					58					3			61
Nursing Assistant/Aide and Patient Care Assistant/Aide	7	13	4	12	137	91	15	3	7	1	2		292
Nursing Education										6			6
Nursing Practice					58								58
Nursing Science					58					3			61
Occupational Health and Industrial Hygiene					58								58
Occupational Therapist Assistant					12	43						29	84
Occupational Therapy/Therapist					58	43						1	102
Opticianry/Ophthalmic Dispensing Optician					58								58
Optometric Technician/Assistant					10							58	68
Oral Biology and Oral and Maxillofacial Pathology					116								116
Orthodontics/Orthodontology					58								58
Orthotist/Prosthetist					116							58	174
Osteopathic Medicine/Osteopathy									7				7
Pediatric Dentistry/Pedodontics					58								58
Periodontics/Periodontology					58								58
Pharmaceutical Sciences										6			6
Pharmaceutics and Drug Design					116								116
Pharmacy					174					9			183

► Health Professions Education - Completions

Pharmacy Administration and Pharmacy Policy and Regulatory Affairs					58								58
Pharmacy Technician/Assistant	5		2	12	194	43	29		7			87	379
Phlebotomy Technician/Phlebotomist		1	6	11	198	43	28				2		289
Physical Therapy Technician/Assistant	5		4		65							29	103
Physical Therapy/Therapist					58	43						1	102
Physician Assistant					116								116
Polysomnography					2								2
Pre-Nursing Studies					58				2				60
Pre-Occupational Therapy Studies										1			1
Pre-Pharmacy Studies										3			3
Pre-Physical Therapy Studies			4							2			6
Prosthodontics/Prosthodontology					58								58
Psychiatric/Mental Health Nurse/Nursing					116					6			122
Psychiatric/Mental Health Services Technician				2									2
Public Health Education and Promotion					58				2	2			62
Public Health, General					290				1				291
Public Health, Other					116								116
Public Health/Community Nurse/Nursing					58								58
Radiation Protection/Health Physics Technician											2		2
Radiologic Technology/Science - Radiographer	2				65		14	2	7		2	29	121
Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing					119								119
Registered Nursing/Registered Nurse	12	14	10	12	505	220	15	3	8	11	2	146	958
Rehabilitation and Therapeutic Professions, Other					116								116
Renal/Dialysis Technologist/Technician							1						1
Respiratory Care Therapy/Therapist					5								5
Respiratory Therapy Technician/Assistant					59	43						29	131
Somatic Bodywork and Related Therapeutic Services, Other			4										4
Speech-Language Pathology/Pathologist			4		58					3		2	67
Sterile Processing Technology/Technician							1						1
Substance Abuse/Addiction Counseling	14		8	10	131	5	29	2	14		2	59	274
Surgical Technology/Technologist			4	1	126				7		6	29	173

► Health Professions Education - Completions

Therapeutic Recreation/Recreational Therapy												1	1
Traditional Chinese Medicine and Chinese Herbology					1								1
Veterinary Medicine										6			6
Veterinary Sciences/Veterinary Clinical Sciences, General										9			9
Veterinary/Animal Health Technology/Technician and Veterinary Assistant			10	1	131		1		7				150
Vocational Rehabilitation Counseling/Counselor			4	3									7