

TESTIMONY

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Before: Health Care Reform Review Committee
Representative George Keiser, Chairman

Date: May 14, 2014

Good afternoon Chairman Keiser and members of the Health Care Reform Review Committee. My name is Matthew Perry. I am a research analyst for the Labor Market Information Center of Job Service North Dakota. I am here today to provide data about online job openings in the state of North Dakota regarding healthcare related occupations. The information regarding online job openings was obtained from the database used to create the monthly publication produced by Job Service titled "Online Job Openings Report" (OJOR). Additional analysis will be provided by comparing the job openings numbers to other data sources from the Bureau of Labor Statistics (BLS).

As the employment agency for the state of North Dakota, Job Service has a unique database of job postings obtained from employers who wish to advertise their jobs on our website. To produce the OJOR, research analysts at Job Service combine that unique dataset, which we call the internal list, to another dataset which call the external list. The external list is obtained through a company with whom Job Service has a contract; that company is called Geographic Solutions, Inc (GSI). GSI uses a technology called "Spidering" to gather online job openings from websites such as Monster.com, Jobs.com, and company websites. The internal list and external list are gathered on the Thursday of the week containing the 12th of the month in an effort to match other BLS program methodology. Research analysts at Job Service then combine the internal and external lists, clean the data, analyze the data, and use the data to produce the OJOR.

An important note about the OJOR; this product is limited to job postings that are listed online. For example, it is possible that some high level positions, such as certain physicians or surgeons, which require specialized skill sets, may not be captured in this dataset if the employer were to use a head hunter or recruiter. Even when healthcare occupation job postings aren't posted with Job Service, we are still capturing a large number of these openings via our external list. In fact, on average, around 75% of the job openings in healthcare occupations are coming from the external list. The downside of capturing the job postings from the external list is that each job posting is counted as one job opening. Job postings from the internal list allow for the employer to indicate if they need 12 nurses or just one. In that regard, the numbers might be a little lower than reality.

Figure 1 shows the number of online job openings in the state of North Dakota for healthcare occupations. Healthcare occupations represent all job openings that fall under the Standard Occupational Classification (SOC) codes of 29 (Healthcare Practitioners and Technical) and 31 (Healthcare Support). SOC codes describe different occupations; they start at the 2-digit level in very broad terms that are called major occupational groups. SOC codes add more specificity with each additional number. For example, psychiatrists have a SOC code of 29-1066.00; it is a healthcare occupation that also falls under SOC code 29 (Healthcare Practitioners and Technical).

Some examples of occupational titles that would fall under the 2-digit SOC codes include:

29 – Healthcare Practitioners and Technical

- Optometrists
- Surgeon
- Occupational Therapists
- Registered Nurse

31 – Healthcare Support

- Nursing Aides
- Orderlies
- Medical Assistants
- Medical transcriptionists

Table 1 provides a summary of healthcare online job openings to the 8-digit SOC code from January 2013 through December 2013. An important note when looking at these job openings numbers is that job openings can cross months. It is entirely possible that a job opening found in January will also be found in February. In an effort to diminish this from happening, Job Service has set the default time that a job order is open to 30 days. That means, when an employer posts a job with Job Service, the default time that the job posting stays visible is for 30 days. The employer does have the option to change that to a longer or shorter time frame if they wish. The numbers represented in this report are meant to be interpreted as the number of jobs that were open and available on the Thursday of the week containing the 12th day of the month; essentially, a snapshot in time.

Figure 2 shows how the two major occupational groups (Healthcare Practitioners and Technical; and Healthcare Support) comprise the total of the healthcare occupations online job openings. There are more online job openings in Healthcare Practitioners and Technical occupations than there are in Healthcare Support. This is further supported by Figure 3 which shows the percent breakdown of the two major occupational groups for all healthcare online job openings. From January 2012 to April 2014, on average, Healthcare Practitioners and Technical comprised 75% of all healthcare online job openings while Healthcare Support comprised 25%.

Figure 4 compares the number of online job openings in healthcare occupations to the total number of online job openings in the state of North Dakota. Looking at this graph, it appears that the volatility in

the number of online job openings is less for healthcare occupations than it is for the total of all online job openings. However, this appears to be a result of measures of scale. Figure 5 compares the same healthcare openings to the total number of openings divided by 10. This was done in an effort to bring both data sets into a similar scale. Looking at this graph indicates that the number of online job openings in healthcare fluctuates in a very similar manner to the total number of online job openings in the state. In fact, the line representing healthcare online job openings appears to follow very closely in terms of direction and magnitude to that representing the total number of online job openings.

However, while the changes in direction and magnitude appear the same, the overall trend has been one of a lower percent of all online job openings belonging in healthcare occupations. Traditionally, healthcare has been a fairly stable industry in terms of employment numbers. Employment numbers as well as the number of online job openings have increased over time; just at a slower rate than other occupations; particularly occupations associated with oil and gas activity. This point is evidenced when looking at Figure 6. Figure 6 illustrates the percent of all online job openings that are represented by healthcare occupations. From January 2012 through April 2014, the highest percentage occurred in January 2012 at 10.1% of all online job openings. The lowest occurred in October of 2013 at 6.6% of all online job openings. On average, 8.3% of all online job openings were in healthcare occupations. One possible explanation for healthcare online job openings increasing at a slower rate could be the large acquisitions and/or mergers. Those same forces could be responsible for the volatility illustrated in Figure 1 in an otherwise steady industry illustrated toward the end of 2013.

Table 2 compares the online job openings numbers for 6-digit SOC codes to the estimated employment for those same occupations. The employment estimate comes from the Occupational Employment Survey (OES) which is a survey-based program that compiles data on the employment numbers and wages of occupations. OES is a BLS program that is a voluntary survey of employers. The average openings numbers in table 2 are arrived at after some additional computation of Table 1. The 8-digit occupations from Table 1 were grouped into their respective 6-digit SOC codes. This was done in an effort to compare the openings numbers to the employment estimates because the employment estimates are presented in 6-digit SOC code, as opposed to 8-digit SOC codes. Then, the 2013 average openings were calculated by dividing the total for all 12 months of 2013 for each 6-digit SOC code by 12. The % Open column represents the percent of the total employment for each occupation that was open and available, on average, for each month. This was derived by dividing the 2013 average openings by the 2013 employment estimate for each 6-digit SOC code. Due to BLS data release restrictions, the employment estimates for certain occupations cannot be released. This is a BLS requirement that is used to prevent disclosing identifiable information about an individual or a business.

Table 3 compares online job openings to employment estimates for the years 2010 through 2013. The employment estimates, again, come from the OES program. In 2010 and 2011, when comparing healthcare occupations to the total of all occupations, the portion of online job openings was larger than the percent of jobs in the economy (9.7% vs 9.1% and 9.6% vs 9.3%, respectively). That characteristic was reversed in 2012 and 2013; the percent of jobs in the economy that were healthcare occupations was larger than the percent of online job openings that were healthcare occupations (8.7% vs 8.9% and

8.0% vs 8.5%, respectively). Also of note is the fact that the percent of total employment that is represented by healthcare occupations has decreased each year since 2011, after an increase of .2 percentage points from 2010 to 2011. Again, this is likely a reflection of strong gains made in occupations related to oil and gas activity.

Figure 7 shows the geographic breakdown of online job openings for healthcare occupations. The graph shows that Region 5 and Region 7 appear to be responsible for the largest number of online job openings with the remaining regions predominately grouped together. The number of online job openings for healthcare occupations in Region 3 appears to have diverged from the remaining regions in early 2013, around the same time that the number of openings decreased in Region 7. However, Region 3 appears to have stayed below the remaining regions while region 7 appears to have rebounded and is again higher than the remaining regions.

Figure 8 compares that annual average number of healthcare online job openings from 2012 to 2013 for each region. A brief glimpse at this chart reveals that the number of healthcare online job openings has decreased in Regions 3, 4, 5, and 7; increased in Regions 1 and 8; and stayed relatively steady in Regions 2 and 6. Geographically, the regions in/closest to the Bakken oil formation saw increases in the number of openings from 2012 to 2013 while the regions further away from the oil formation saw decreases from 2012 to 2013. It should also be noted, as evidenced by looking at Figure 7, Region 7 experienced a large uptick in the number of online job openings again in early 2014 while Region 6 experienced a slight decrease since the high in late 2013.

Figure 9 shows the percent of the annual average total number of online job openings represented by each region for 2012 and 2013. This was accomplished by dividing the annual average number of healthcare online job openings for each region by the annual average number of healthcare online job openings for the entire state. To further illustrate the geographic effect on online job openings in healthcare occupations, compare the percents from 2012 to 2013. In 2012, Regions 1, 2, 7, and 8 (the western half of the state) represented 44.7% of all healthcare online job openings. In 2013, that percent increased to 49.8% of all healthcare online job openings.

Figure 10 is simply a map that shows the governor's planning regions referenced in Figures 7, 8, and 9.

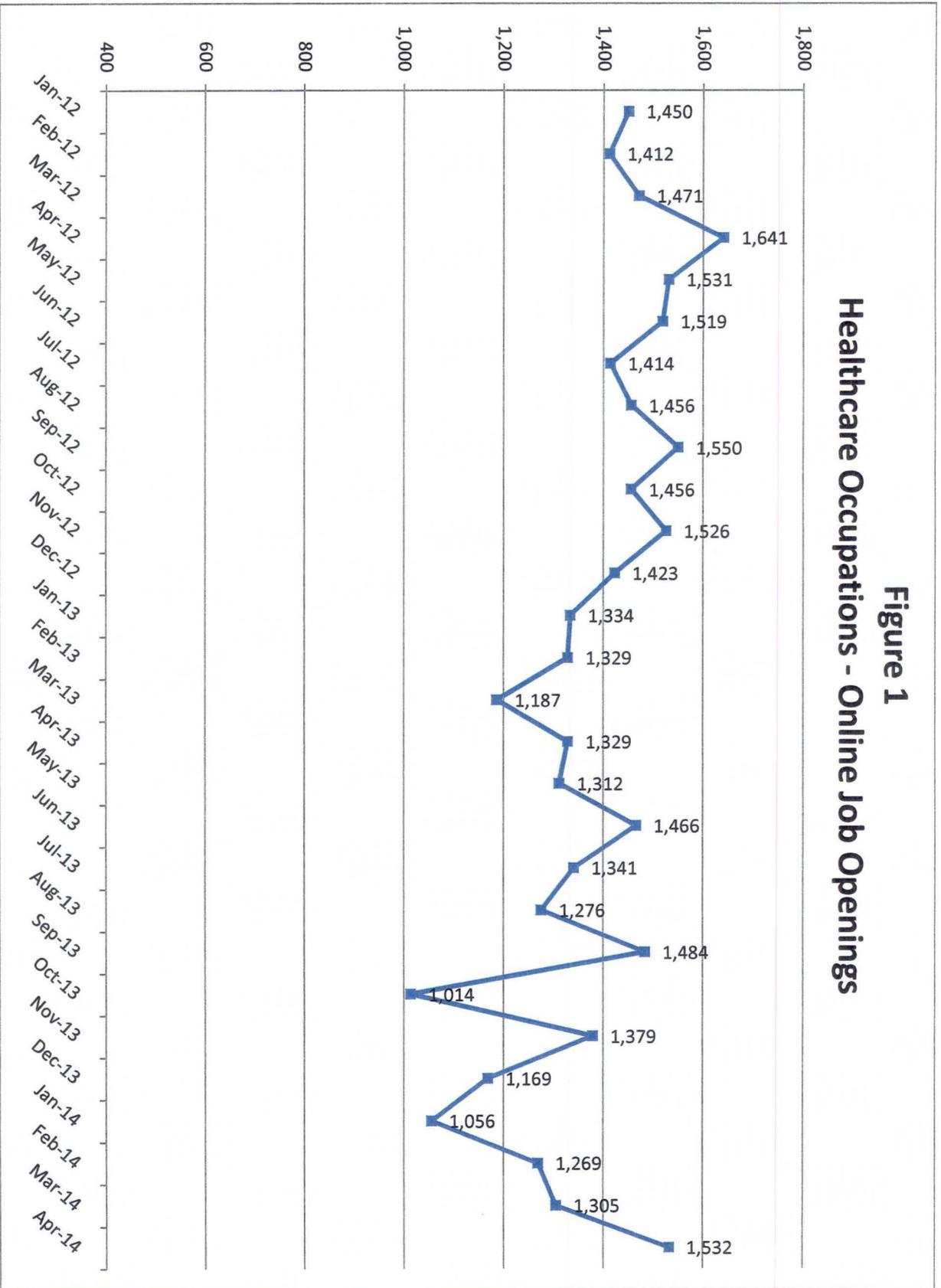


Figure 1
Healthcare Occupations - Online Job Openings

Occ Code	Occ Title	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013 AVG
29-1141.00	Registered Nurses	395	385	344	342	149	274	299	259	327	200	300	240	293
31-1014.00	Nursing Assistants	0	0	0	0	58	198	207	190	239	144	176	173	115
29-2061.00	Licensed Practical and Licensed Vocatio	89	72	63	83	95	122	95	108	121	74	133	115	98
31-1012.00	Nursing Aides, Orderlies, and Attendant	223	189	227	211	22	0	0	0	0	0	0	0	73
29-1123.00	Physical Therapists	107	81	78	74	83	70	69	44	72	38	62	49	69
29-1127.00	Speech-Language Pathologists	43	26	30	44	50	64	58	83	89	57	55	59	55
29-1069.00	Physicians and Surgeons, All Other	17	15	9	17	33	68	61	54	54	48	68	38	40
31-1011.00	Home Health Aides	42	62	30	28	27	44	38	30	30	37	46	40	38
29-1171.00	Nurse Practitioners	20	29	16	10	37	56	44	42	38	25	47	31	33
29-2052.00	Pharmacy Technicians	22	42	25	25	20	29	31	23	38	25	28	29	28
29-1051.00	Pharmacists	6	13	26	35	41	18	15	17	20	25	52	23	24
31-9099.00	Healthcare Support Workers, All Other	9	27	23	38	35	23	40	23	12	19	13	15	23
29-1062.00	Family and General Practitioners	30	36	20	55	33	15	12	19	11	10	9	5	21
29-1122.00	Occupational Therapists	24	16	15	24	15	20	22	25	33	25	14	18	21
31-2021.00	Physical Therapist Assistants	27	24	27	24	22	26	16	6	20	10	9	11	19
29-1067.00	Surgeons	11	12	5	15	18	22	21	24	19	20	17	16	17
29-2011.00	Medical and Clinical Laboratory Technol	10	11	8	13	16	19	13	29	20	13	17	18	16
29-2071.00	Medical Records and Health Informatio	26	23	12	22	18	15	10	9	13	8	9	19	15
29-2051.00	Dietetic Technicians	18	16	20	14	13	20	12	12	13	10	19	14	15
29-2041.00	Emergency Medical Technicians and Par	11	22	17	16	6	12	17	22	17	13	13	5	14
31-9091.00	Dental Assistants	9	19	15	17	11	18	16	11	12	7	11	13	13
29-1071.00	Physician Assistants	14	21	17	17	13	13	6	7	10	4	16	10	12
29-2055.00	Surgical Technologists	19	16	7	9	9	12	9	9	17	12	18	7	12
29-1126.00	Respiratory Therapists	8	10	11	11	9	14	8	10	15	10	17	9	11
29-1069.03	Hospitalists	8	14	10	15	9	14	12	9	4	10	8	4	10
29-2012.00	Medical and Clinical Laboratory Technic	14	9	10	15	17	14	9	12	8	3	4	2	10
31-9092.00	Medical Assistants	10	17	10	9	5	8	12	8	6	7	7	15	10
31-9097.00	Phlebotomists	0	4	4	0	2	21	7	10	12	6	15	20	8
31-2011.00	Occupational Therapist Assistants	10	6	11	9	8	7	3	3	16	12	6	5	8
29-1141.03	Critical Care Nurses	0	0	0	0	9	14	16	8	15	11	9	11	8
29-1031.00	Dietitians and Nutritionists	3	9	5	8	13	8	6	9	11	10	5	4	8
29-9011.00	Occupational Health and Safety Speciali	6	3	6	5	4	9	10	9	6	10	10	11	7
29-1066.00	Psychiatrists	6	5	5	6	5	10	11	11	9	9	8	3	7

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31-9011.00	Massage Therapists	1	2	2	1	4	3	9	4	4	4	24	22	7
29-1069.04	Neurologists	2	4	2	5	10	10	7	4	6	9	10	8	6
29-2034.00	Radiologic Technologists	0	0	0	0	8	12	9	8	15	10	7	7	6
29-2032.00	Diagnostic Medical Sonographers	3	2	4	2	11	11	6	5	5	2	13	5	6
29-2081.00	Opticians, Dispensing	11	11	5	5	4	5	5	2	8	4	1	4	5
29-1125.00	Recreational Therapists	2	2	0	2	7	10	5	8	10	4	6	5	5
29-2021.00	Dental Hygienists	1	10	6	5	3	7	1	6	10	3	4	2	5
29-1063.00	Internists, General	4	6	5	8	6	5	4	2	4	3	4	4	5
29-9012.00	Occupational Health and Safety Technicians	2	6	9	4	5	6	5	2	3	5	2	1	4
29-2031.00	Cardiovascular Technologists and Technicians	3	3	3	7	5	6	6	5	4	3	3	1	4
29-1065.00	Pediatricians, General	0	0	0	0	2	7	7	8	6	7	5	5	4
31-9095.00	Pharmacy Aides	1	1	0	2	3	7	7	5	4	3	5	4	4
31-9093.00	Medical Equipment Preparers	2	0	1	4	18	4	3	3	1	1	1	1	3
29-2099.00	Health Technologists and Technicians, All Other	4	3	2	3	2	3	2	2	3	2	5	6	3
31-9094.00	Medical Transcriptionists	2	3	3	1	3	2	2	6	6	4	4	1	3
29-2056.00	Veterinary Technologists and Technicians	4	3	3	2	5	4	3	3	3	1	1	3	3
31-1013.00	Psychiatric Aides	5	4	1	11	2	1	1	0	1	2	5	1	3
29-2033.00	Nuclear Medicine Technologists	3	1	1	2	5	2	1	2	2	1	3	4	2
29-9099.00	Healthcare Practitioners and Technical Support Personnel, All Other	5	1	1	2	3	2	4	4	0	0	1	4	2
29-1069.07	Pathologists	0	0	1	1	3	2	4	4	3	2	3	3	2
29-2053.00	Psychiatric Technicians	3	5	0	8	1	1	1	2	4	0	0	0	2
29-1151.00	Nurse Anesthetists	0	0	1	1	4	4	3	2	2	2	2	3	2
29-1069.12	Urologists	3	2	0	1	2	4	4	3	3	1	0	0	2
29-1141.04	Clinical Nurse Specialists	0	0	0	0	2	3	3	4	2	3	2	4	2
29-2054.00	Respiratory Therapy Technicians	0	1	3	3	5	5	1	3	0	0	1	0	2
31-9096.00	Veterinary Assistants and Laboratory Animal Care Technicians	3	1	2	1	1	1	3	4	3	1	1	1	2
29-9091.00	Athletic Trainers	0	0	0	0	2	6	3	4	4	0	1	0	2
29-1022.00	Oral and Maxillofacial Surgeons	0	0	0	1	2	1	1	2	2	3	4	3	2
31-2022.00	Physical Therapist Aides	4	2	1	1	1	0	0	1	1	1	3	3	2
29-1129.00	Therapists, All Other	0	0	0	0	0	2	1	5	4	2	1	1	1
29-1141.02	Advanced Practice Psychiatric Nurses	0	0	0	0	2	2	2	3	3	0	2	2	1
29-2099.06	Radiologic Technicians	1	4	2	2	1	2	2	2	0	0	0	0	1
29-1061.00	Anesthesiologists	2	2	2	1	1	0	2	0	0	1	1	2	1

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Occ Code	Occ Title	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013 AVG
29-1181.00	Audiologists	0	0	0	1	1	0	2	3	4	2	1	0	1
31-1015.00	Orderlies	0	0	0	0	1	1	1	3	3	1	3	1	1
29-1021.00	Dentists, General	0	0	1	1	1	0	0	1	3	1	3	2	1
29-1069.01	Allergists and Immunologists	0	0	0	1	1	1	1	2	2	2	2	1	1
29-1064.00	Obstetricians and Gynecologists	0	1	1	2	2	1	1	0	2	0	2	0	1
29-2011.03	Histotechnologists and Histologic Techn	2	2	2	1	1	1	0	0	0	0	2	1	1
29-2057.00	Ophthalmic Medical Technicians	0	0	0	0	1	1	1	1	2	1	2	2	1
29-1069.02	Dermatologists	0	0	0	1	2	1	0	0	1	1	2	2	1
29-2099.01	Electroneurodiagnostic Technologists	0	0	0	0	1	1	0	1	1	1	1	3	1
31-9099.01	Speech-Language Pathology Assistants	0	0	0	0	0	1	1	2	1	1	1	2	1
29-1041.00	Optometrists	0	0	0	1	1	0	0	1	2	1	1	1	1
29-1124.00	Radiation Therapists	0	1	0	0	2	1	1	0	2	1	0	0	1
29-1069.10	Radiologists	1	0	0	0	1	1	1	0	1	0	1	0	1
29-1081.00	Podiatrists	1	1	0	1	1	0	0	0	0	0	1	1	1
29-1131.00	Veterinarians	1	0	0	0	0	0	0	1	0	0	3	1	1
29-2011.02	Cytotechnologists	0	0	0	0	0	0	0	0	0	0	3	3	1
29-2035.00	Magnetic Resonance Imaging Technolog	0	0	0	0	1	1	1	1	1	0	1	0	1
29-1071.01	Anesthesiologist Assistants	0	0	0	0	0	1	1	1	0	1	0	1	0
29-1011.00	Chiropractors	0	0	0	0	0	0	0	0	0	2	1	1	0
29-1069.06	Ophthalmologists	0	0	0	0	0	0	1	1	1	0	0	0	0
29-1141.01	Acute Care Nurses	0	0	0	0	0	0	0	1	1	1	0	0	0
29-2099.07	Surgical Assistants	0	0	0	0	0	0	0	0	0	0	2	1	0
29-1069.08	Physical Medicine and Rehabilitation Ph	0	0	0	0	1	1	0	0	0	0	0	0	0
29-1128.00	Exercise Physiologists	0	0	0	0	0	0	0	1	1	0	0	0	0
29-2091.00	Orthotists and Prosthetists	1	0	0	1	0	0	0	0	0	0	0	0	0
31-9099.02	Endoscopy Technicians	0	0	0	0	1	1	0	0	0	0	0	0	0
29-1069.09	Preventive Medicine Physicians	0	0	0	0	0	1	0	0	0	0	0	0	0
29-1161.00	Nurse Midwives	0	0	0	1	0	0	0	0	0	0	0	0	0
29-1199.00	Health Diagnosing and Treating Practitic	0	0	1	0	0	0	0	0	0	0	0	0	0
29-2092.00	Hearing Aid Specialists	0	0	0	0	0	0	1	0	0	0	0	0	0
29-2099.03	Ophthalmic Medical Technologists and T	0	1	0	0	0	0	0	0	0	0	0	0	0
29-1023.00	Orthodontists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1024.00	Prosthodontists	0	0	0	0	0	0	0	0	0	0	0	0	0

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Occ Code	Occ Title	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	2013 AVG
29-1029.00	Dentists, All Other Specialists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1069.05	Nuclear Medicine Physicians	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1069.11	Sports Medicine Physicians	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1122.01	Low Vision Therapists, Orientation and I	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1125.01	Art Therapists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1125.02	Music Therapists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1199.01	Acupuncturists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1199.04	Naturopathic Physicians	0	0	0	0	0	0	0	0	0	0	0	0	0
29-1199.05	Orthoptists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-2011.01	Cytogenetic Technologists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-2099.05	Ophthalmic Medical Technologists	0	0	0	0	0	0	0	0	0	0	0	0	0
29-9092.00	Genetic Counselors	0	0	0	0	0	0	0	0	0	0	0	0	0
29-9099.01	Midwives	0	0	0	0	0	0	0	0	0	0	0	0	0
31-2012.00	Occupational Therapist Aides	0	0	0	0	0	0	0	0	0	0	0	0	0
99-9999.99	N/A	20	10	16	21	255	34	6	3	3	2	1	4	31

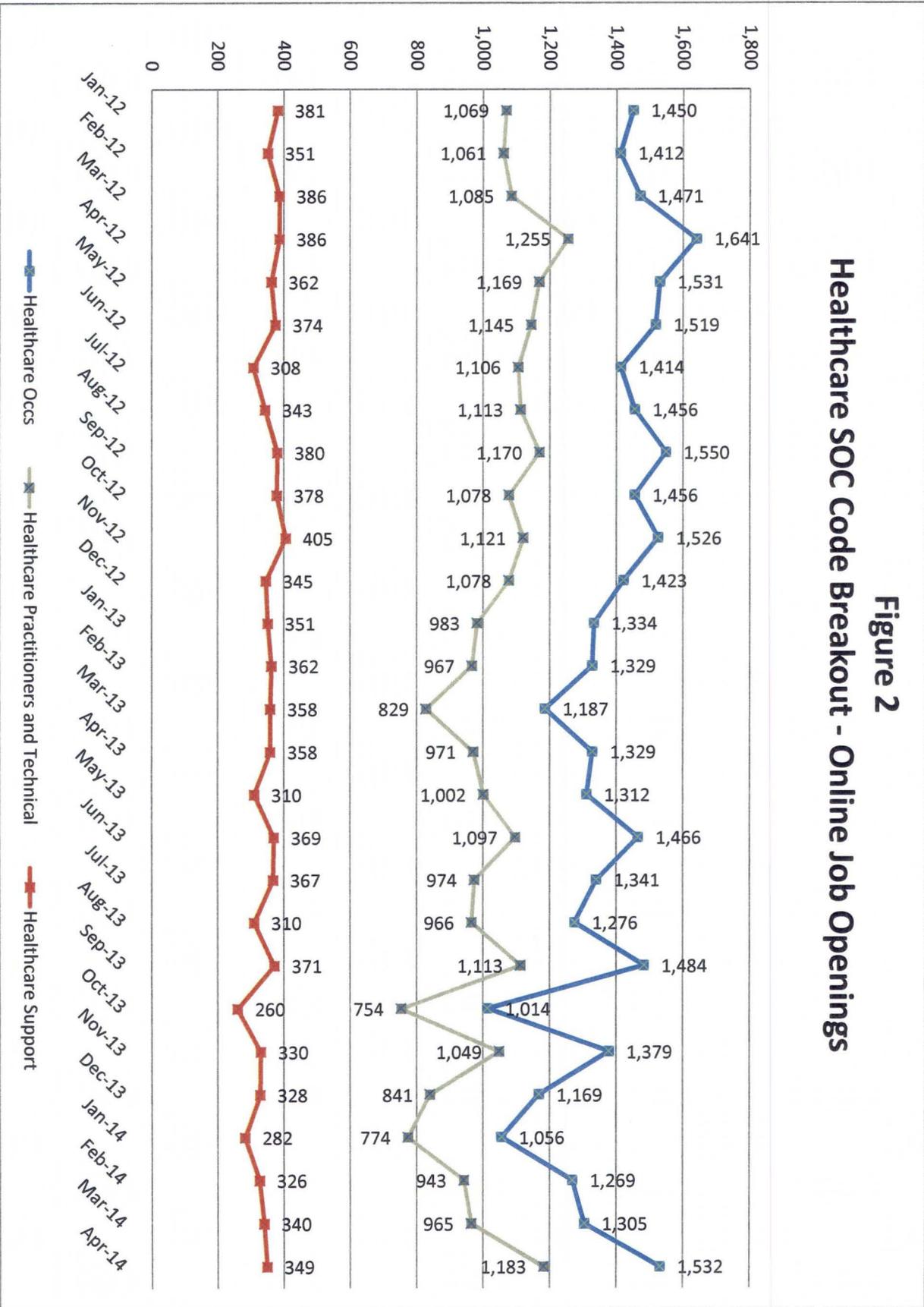
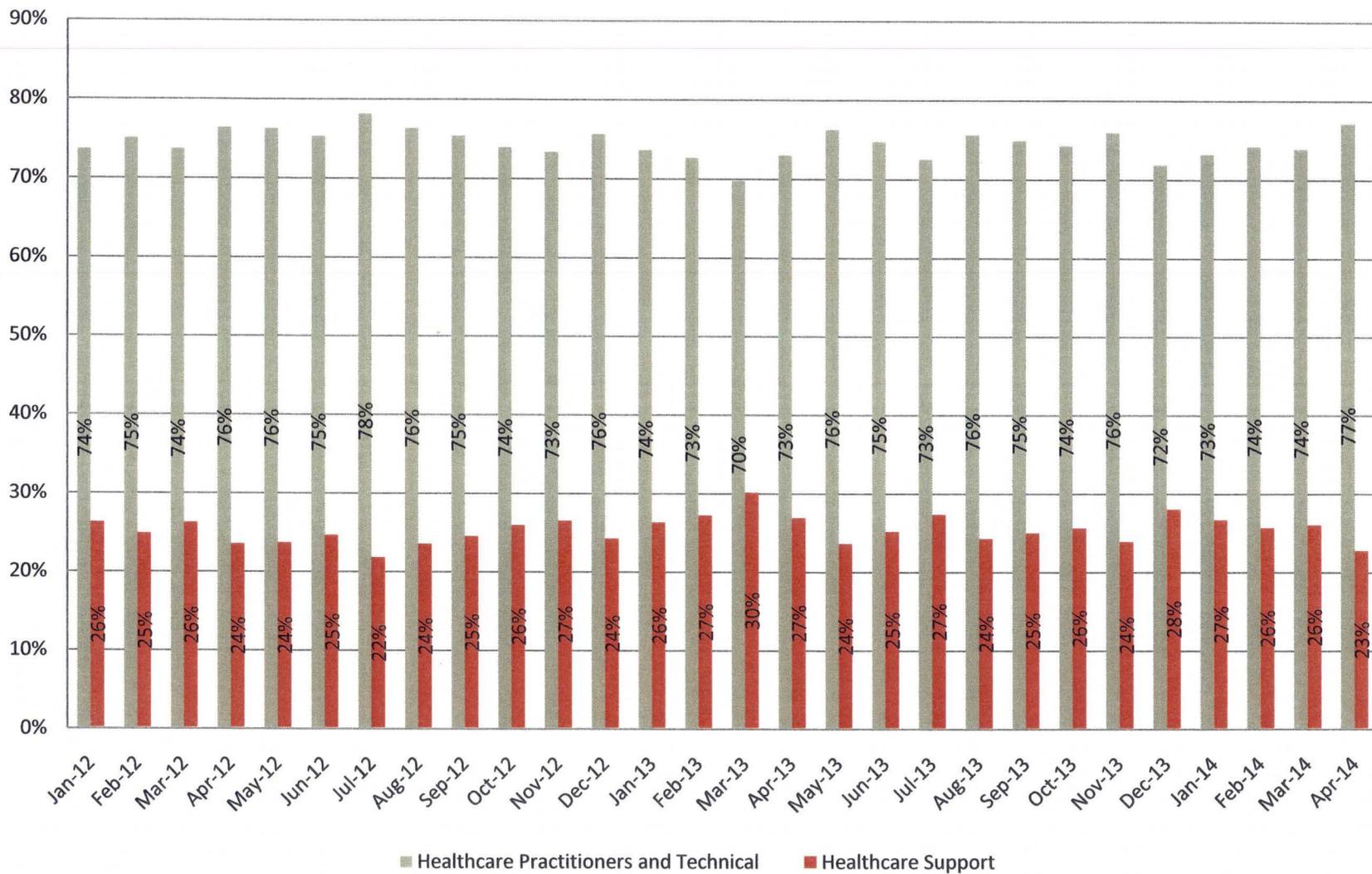
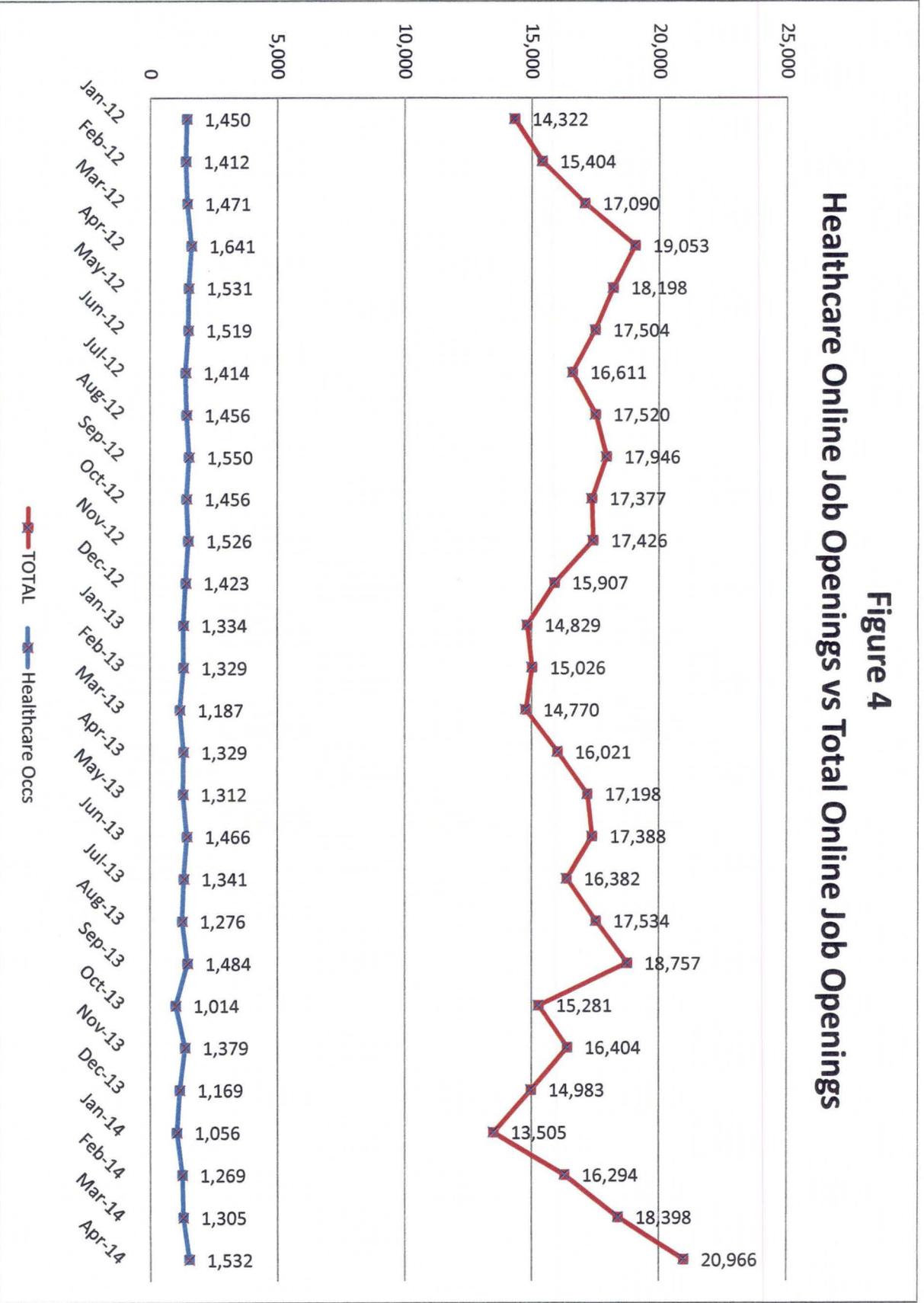


Figure 2
Healthcare SOC Code Breakout - Online Job Openings

Figure 3
Healthcare SOC Code Breakout - Percent of Total Healthcare





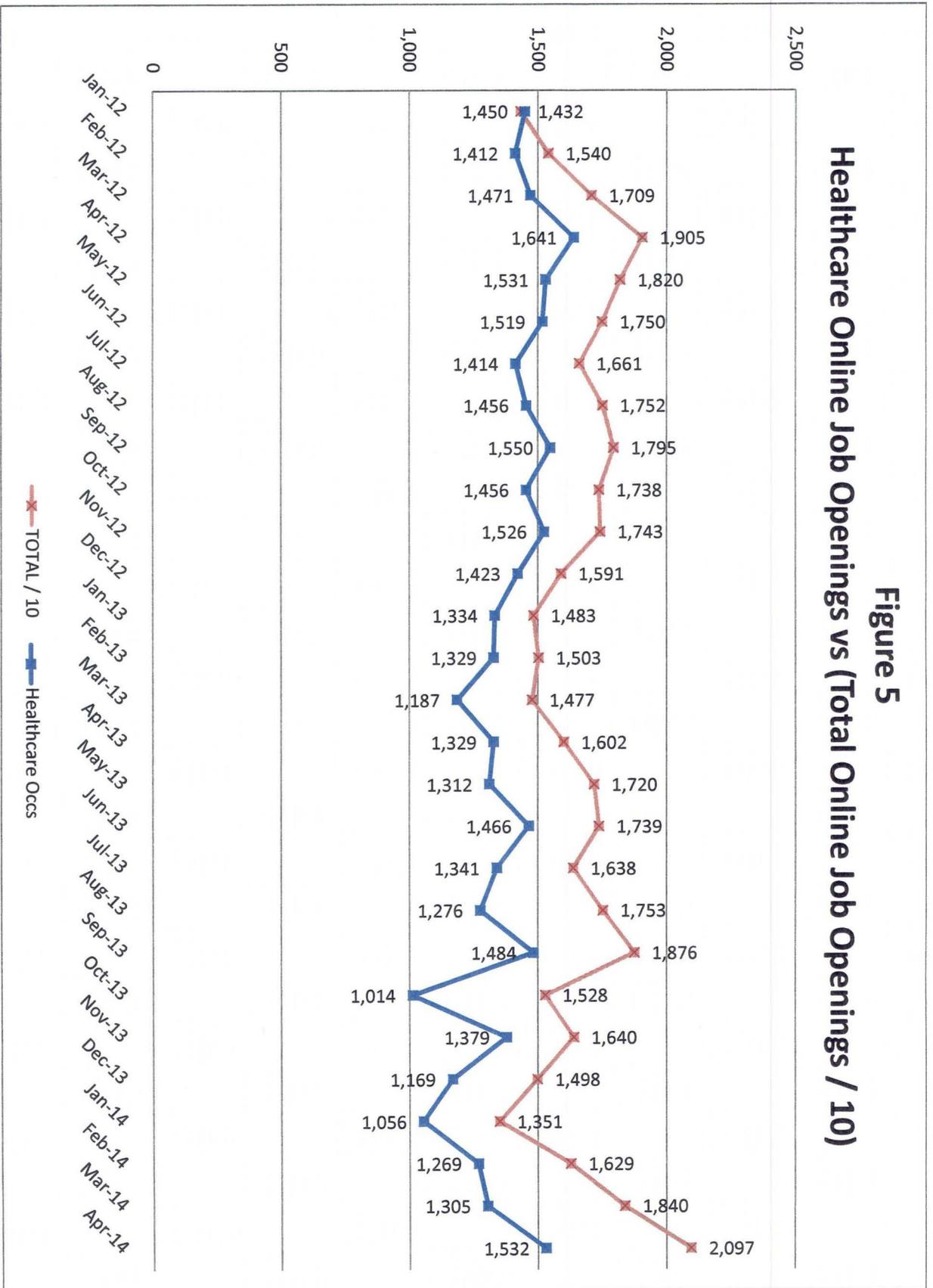
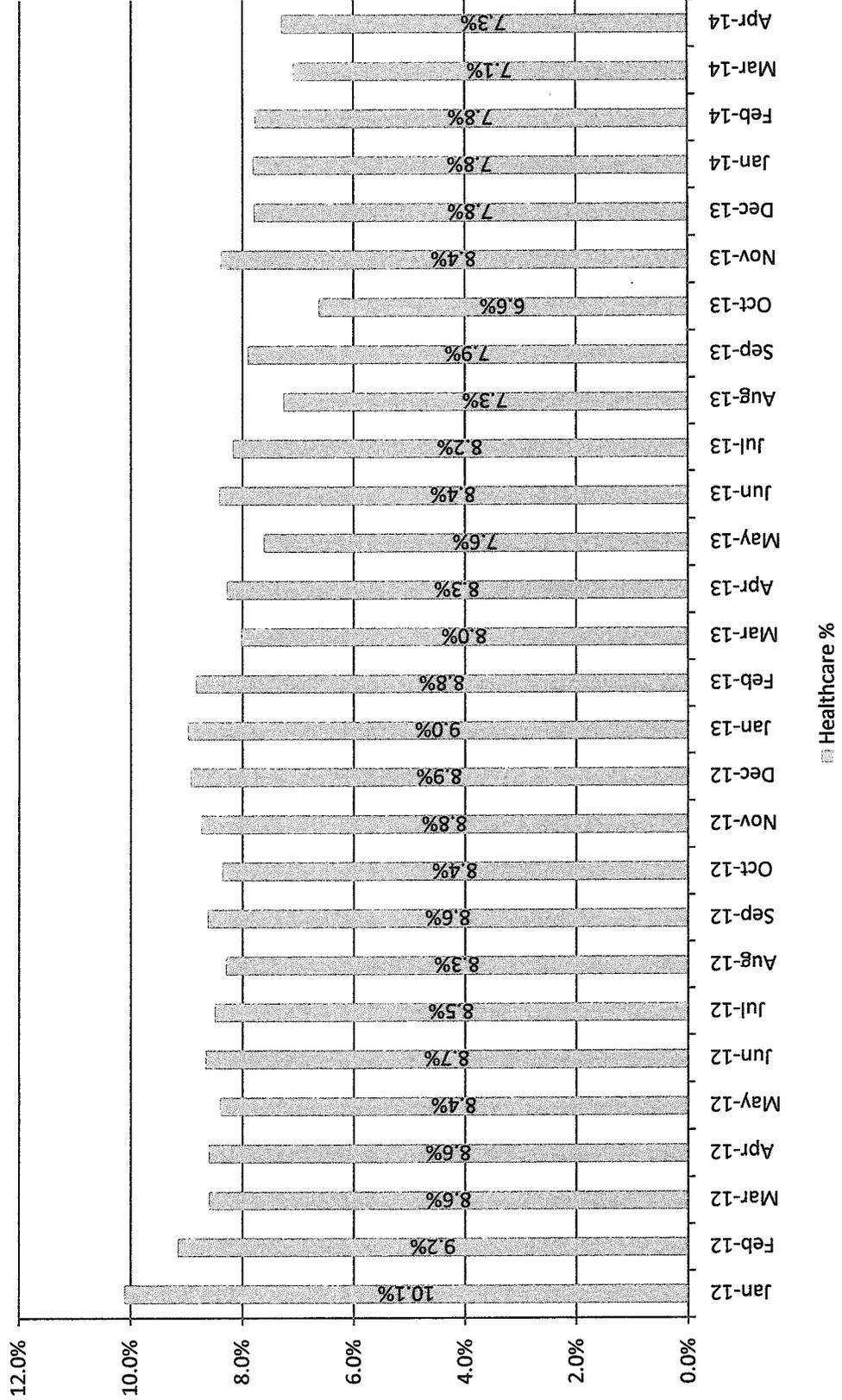


Figure 6
Percent of Total Online Job Openings - Healthcare Occupations



6 digit SOC	Occ Title	2013 Emp Estimate	2013 Avg Openings	% Open
29-1069	Physicians and Surgeons, All Other	290	63	21.84%
29-1129	Therapists, All Other	10	1	13.33%
31-2021	Physical Therapist Assistants	140	19	13.21%
29-1123	Physical Therapists	550	69	12.53%
29-2051	Dietetic Technicians	130	15	11.60%
29-1063	Internists, General	40	5	11.46%
29-2053	Psychiatric Technicians	20	2	10.42%
29-1127	Speech-Language Pathologists	570	55	9.62%
29-1067	Surgeons	200	17	8.33%
31-2011	Occupational Therapy Assistants	100	8	8.00%
31-9093	Medical Equipment Preparers	50	3	6.50%
29-1171	Nurse Practitioners	520	33	6.33%
29-2099	Health Technologists and Technicians, All Other	90	6	6.11%
29-2031	Cardiovascular Technologists and Technicians	70	4	5.83%
29-1066	Psychiatrists	130	7	5.64%
29-2032	Diagnostic Medical Sonographers	110	6	5.23%
31-9011	Massage Therapists	130	7	5.13%
29-1125	Recreational Therapists	100	5	5.08%
29-1122	Occupational Therapists	440	21	4.75%
29-2054	Respiratory Therapy Technicians	40	2	4.58%
29-2052	Pharmacy Technicians	640	28	4.39%
29-1071	Physician Assistants	310	13	4.11%
29-1141	Registered Nurses	7,750	304	3.92%
29-1181	Audiologists	30	1	3.89%
29-1061	Anesthesiologists	30	1	3.89%
31-9099	Healthcare Support Workers, All Other	630	24	3.81%
29-1031	Dietitians and Nutritionists	200	8	3.79%
29-9099	Healthcare Practitioners and Technical Workers, All Other	60	2	3.75%
29-2055	Surgical Technologists	320	12	3.75%
29-1062	Family and General Practitioners	590	21	3.60%
29-2011	Medical and Clinical Laboratory Technologists	510	17	3.35%
29-2012	Medical and Clinical Laboratory Technicians	320	10	3.05%
29-2061	Licensed Practical and Licensed Vocational Nurses	3,220	98	3.03%

6 digit SOC	Occ Title	2013 Emp Estimate	2013 Avg Openings	% Open
29-1051	Pharmacists	830	24	2.92%
29-1126	Respiratory Therapists	400	11	2.75%
29-9091	Athletic Trainers	70	2	2.38%
29-9012	Occupational Health and Safety Technicians	180	4	2.31%
29-2071	Medical Records and Health Information Technicians	670	15	2.29%
29-9011	Occupational Health and Safety Specialists	350	7	2.12%
31-9091	Dental Assistants	670	13	1.98%
31-9097	Phlebotomists	460	8	1.83%
31-9092	Medical Assistants	520	10	1.83%
29-2041	Emergency Medical Technicians and Paramedics	810	14	1.76%
29-2091	Orthotists and Prosthetists	10	0	1.67%
29-1064	Obstetricians and Gynecologists	60	1	1.67%
31-1014	Nursing Assistants	6,980	115	1.65%
29-2081	Opticians, Dispensing	340	5	1.59%
29-2056	Veterinary Technologists and Technicians	200	3	1.46%
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	130	2	1.41%
29-2034	Radiologic Technologists	450	6	1.41%
31-9095	Pharmacy Aides	260	4	1.35%
29-1124	Radiation Therapists	60	1	1.11%
31-2022	Physical Therapist Aides	140	2	1.07%
29-1151	Nurse Anesthetists	210	2	0.95%
29-2057	Ophthalmic Medical Technicians	110	1	0.83%
29-2021	Dental Hygienists	580	5	0.83%
29-2035	Magnetic Resonance Imaging Technologists	70	1	0.71%
31-9094	Medical Transcriptionists	460	3	0.67%
31-1013	Psychiatric Aides	510	3	0.56%
29-1128	Exercise Physiologists	30	0	0.56%
29-1021	Dentists, General	200	1	0.54%
31-1015	Orderlies	220	1	0.53%
29-1041	Optometrists	160	1	0.42%
29-1131	Veterinarians	170	1	0.29%
29-1199	Health Diagnosing and Treating Practitioners, All Other	30	0	0.28%
29-1161	Nurse Midwives	30	0	0.28%

6 digit SOC	Occ Title	2013 Emp Estimate	2013 Avg Openings	% Open
29-1011	Chiropractors	170	0	0.20%
31-2012	Occupational Therapy Aides	20	0	0.00%
29-1029	Dentists, All Other Specialists	10	0	0.00%
99-9999	Not Classified	#N/A	31	#N/A
31-1012	Nursing Aids, Orderlies, and Attendants	#N/A	73	#N/A
31-1011	Home Health Aides	#N/A	38	#N/A
29-9092	Genetic Counselor	#N/A	0	#N/A
29-2092	Hearing Aid Specialist	#N/A	0	#N/A
29-2033	Nuclear Medicine Technologists	#N/A	2	#N/A
29-1081	Podiatrists	#N/A	1	#N/A
29-1065	Pediatricians, General	#N/A	4	#N/A
29-1024	Prosthodontists	#N/A	0	#N/A
29-1023	Orthodontists	#N/A	0	#N/A
29-1022	Oral and Maxillofacial Surgeons	#N/A	2	#N/A

Table 3
Healthcare Portion of Annual Employment and Online Job Openings

Employment Estimates		2010	2011	2012	2013
	Healthcare Occupations	32,330	34,740	35,870	35,870
	Percent of Total	9.1%	9.3%	8.9%	8.5%
	Total - All	355,700	371,620	403,290	422,920
Online Job Openings		2010	2011	2012	2013
	Healthcare Occupations	829	1,299	1,488	1,302
	Percent of Total	9.7%	9.6%	8.7%	8.0%
	Total - All	8,526	13,544	17,030	16,214
Percent of total employment that is healthcare online job openings		2010	2011	2012	2013
		0.23%	0.35%	0.37%	0.31%

Figure 7
Healthcare Online Job Openings by Governor's Planning Region

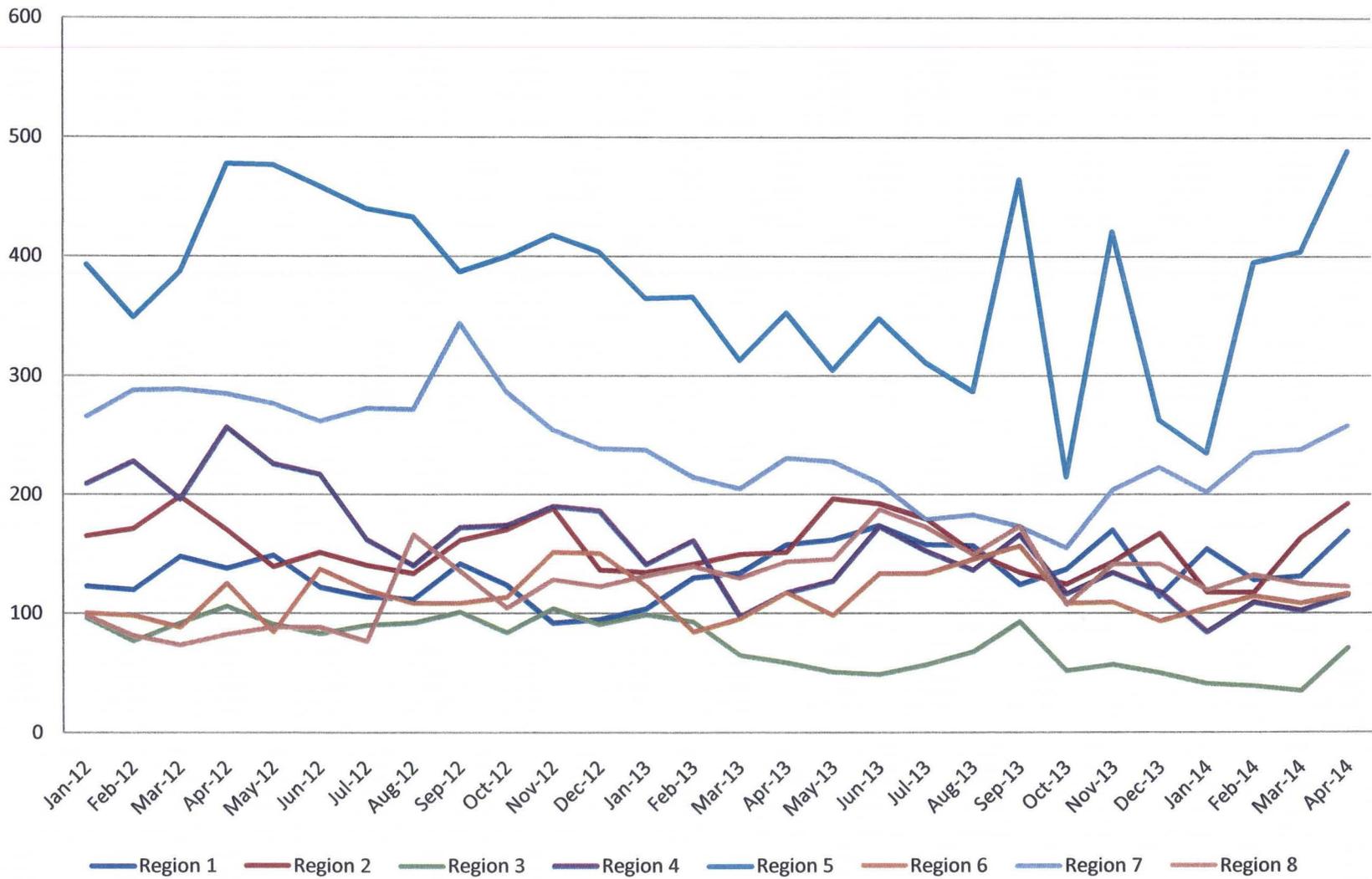


Figure 8
Healthcare Online Job Openings by Region - Annual Average

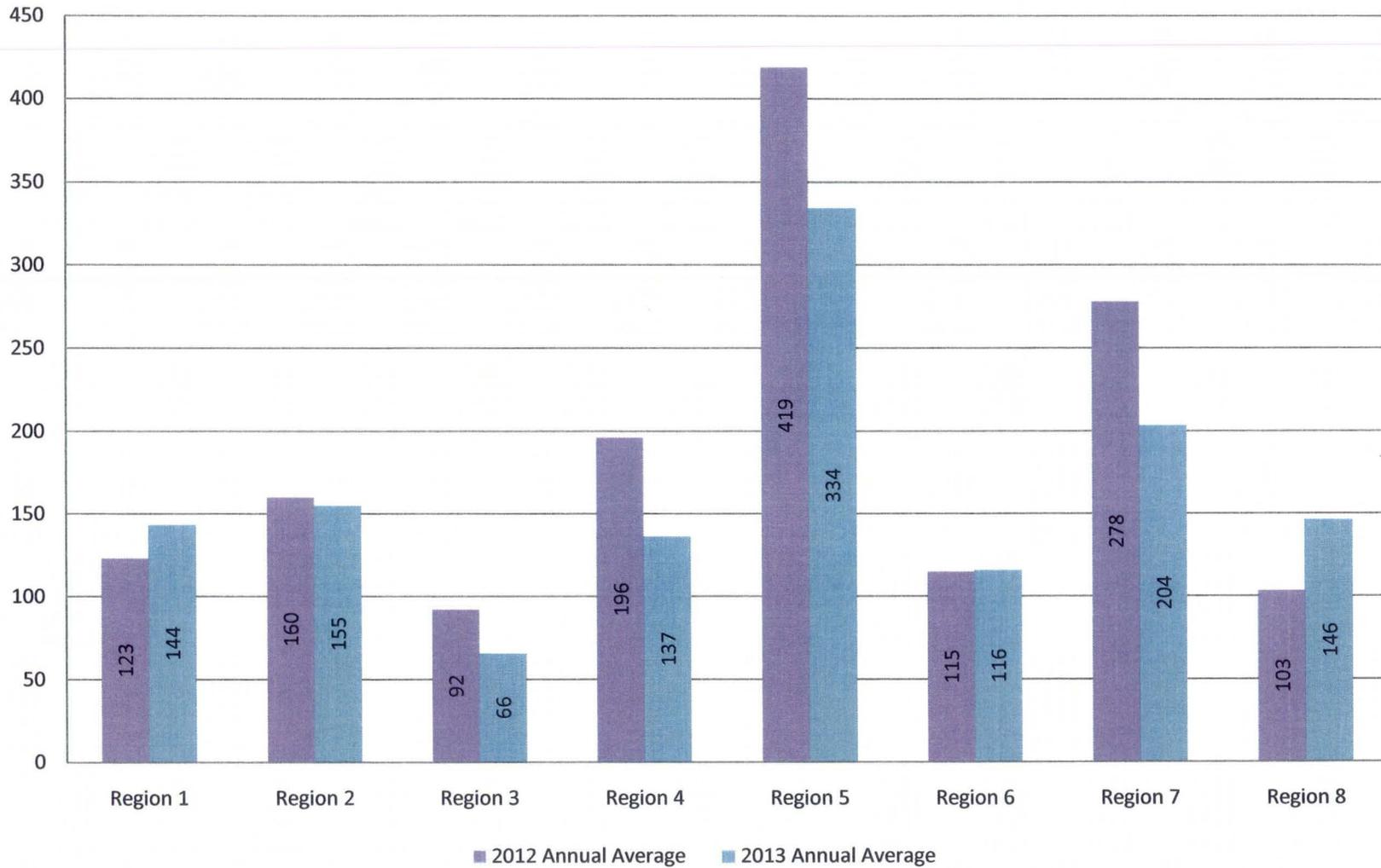


Figure 9
Regional Breakdown of Online Job Openings

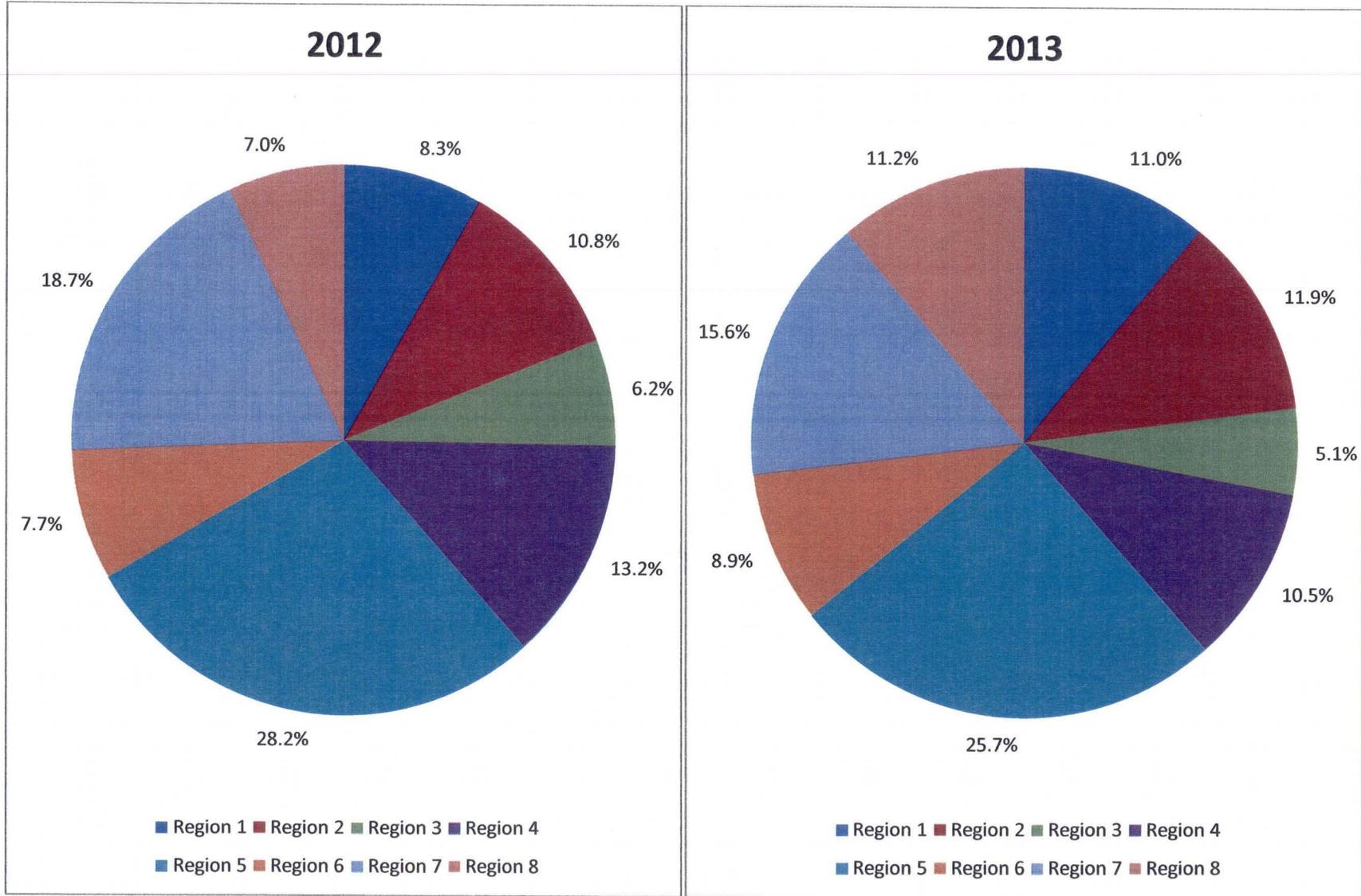


Figure 10
Governor's 8 Planning Regions Map

