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Urban Oklahoma Health Industry and All Industry Employment and Earnings: A Trend Analysis Comparison of Change by Age and Gender 2012 to 2021



**Oklahoma Employment Security Commission
Economic Research and Analysis Division**

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Urban Oklahoma Health Industry and All Industry Employment and Earnings: A Trend Analysis Comparison of Change by Age and Gender, 2001 to 2017

EXECUTIVE SUMMARY

The following study is a trend analysis of employment and earnings in ambulatory healthcare services (NAICS 621), hospitals (NAICS 622), and nursing and residential care facilities (NAICS 623) industries using data from the Longitudinal Employer-Household Dynamics (LEHD) program.

Major Findings for Employment and Employment Change

- In the three industry groups of all industries, hospitals, and nursing and residential care facilities looking at the three gender groups and the eight age groups the two age groups highest in 2021 employment are in ages 25 to 34 and 35 to 44. These same age groups are highest for both genders and females in ambulatory health care services. However, males in ambulatory health care services have their highest employment in ages 35 to 44 and 45 to 54.
- The two health industry groups of ambulatory health care services and hospitals for both genders, males and females have either their largest or second largest employment change in age group 35 to 44; while the same three gender groups have either their largest and second largest employment change in all industries and nursing and residential care facilities in the two oldest age groups of 65 to 99 and 55 to 64, respectively.
- Likely the most important employment finding in this analysis in urban Oklahoma of the eight age groups in both genders, males, and females: in the three health industries the age group with the largest employment rate of change is ages 65 to 99, with males' rate of change higher than that of females.
- While the ratio of males to female employment in all industries is almost 1 to 1, in the three health industries, the ration of females to males' range is 3.5 to 3.8 ratios.

Major Findings for Earnings and Earnings Change

- In the four industry groups and the three gender groups the two age groups with the largest 2021 earnings are most often ages 45 to 54 and 55 to 65. The two exceptions to this are females in ambulatory health care services and males in hospitals that have only their largest 2021 earnings in the one of these two age groups, that of ages 45 to 54.
- In the four industry groups examined the most common age group for the three gender groups to have one of their two largest 2012 to 2021 10 year earning change is ages 45 to 54, with the two exceptions of males and females in ambulatory health care services.
- The eight age groups and in both gender, males, and females the age group with the largest or second largest earnings rate of change most often is in ages 65 to 99. The exceptions are males in all industries, and hospitals.
- The ratio of male to female industry earnings in year 2021 is 1.5 to 1 in all industries, 2.7 in ambulatory health care services, 1.5 in hospitals and 1.1 to 1 in nursing and residential care facilities.

Conclusions

The analysis and findings allow three conclusions:

- Urban Oklahoma female health industry group employment outnumbering male employment will likely continue for some time into the future, as indicated by their current larger than male ratio in all three health industry groups, even with the male employment change rate higher than female in the three health industry groups.
- Females' traditionally lower than males' earnings have the probability of reaching earnings parity at varying rates in each of the three-health industry groups; as indicated by the huge in difference in male to female earnings in ambulatory health care services, and hospitals, and the near parity in male to female earnings in nursing and residential care facilities; as modified by the rapid changing rate for females in ambulatory health care services, the relative low earnings change rates for females in hospitals and the lower earnings change rates for females compared to that of males in nursing and residential care facilities.
- Urban Oklahoma health industry staffing, which has historically been problematic and presently still is the case, likely will increasingly be so in the future, as indicated by both gender's employment more rapid increase in the older two age groups and relatively lower employment 10-year increase in some of the three health groups four younger age groups.

Urban Oklahoma Health Industry and All Industry Employment and Earnings: A Trend Analysis Comparison of Change by Age and Gender, 2012 to 2021

I. Introduction

This report on urban Oklahoma health industry is the second in the series and covers two of Oklahoma's urban areas, specifically a combination of Oklahoma City and Tulsa Oklahoma Metropolitan Statistical Areas (MSA). The first covering all of Oklahoma was published on our OESC website in August 2021 at: <https://oklahoma.gov/content/dam/ok/en/oesc/documents/labor-market/publications/health-industry-analysis/oklahoma-health-industry-2021.pdf>. The Oklahoma and Urban health industry reports are both updates, on prior ones we published in December 2018 and July 2019 at: <https://oklahoma.gov/oesc/labor-market/resources/publications.html> .

The following analysis uses data from the Longitudinal Employer-Household Dynamics (LEHD) program, which is part of the Center for Economic Studies at the U.S. Census Bureau. The data refers to the first three subsectors of the healthcare and social assistance sector as defined by the North American Industry Classification System (NAICS). Because this sector consists of ambulatory healthcare services (NAICS 621), hospitals (NAICS 622), nursing and residential care facilities (NAICS 623), and social assistance (NAICS 624), and that the latter is excluded from our analysis, we do not use the term 'health care sector' in this report of our findings. Our analysis of health care employment and earnings refers to NAICS 621, 622, and 623 in these two MSA in a comparison with those of an aggregate of Oklahoma industries, the former three are referred to as industry groups, and the latter is referenced as 'all industry' in this report.

This analysis and report cover a 10-year interval annually, for years 2012 through 2021 for tables and 1st 2011 quarter through the 2nd quarter 2020 for charts. This is reported in 32 tables and 88 charts in eight appendices. These appendices can be viewed at the end of this report.

II. Employment and Employment Change by Age Group

On the next page, Table 1e shows the urban Oklahoma all industry average annual employment by eight age groups and a ninth aggregate of all ages (ages 14 to 99) for the 10 years, 2012 through 2021. For 'all ages' (14 to 99) the average annual employment increased 26,903, from 991,815 in 2012 to 1,018,718 in 2021. During this time, six age groups increased in employment, two decreased. Age group ages 65 to 99 increased the most and age group 35 to 44 increasing the second in size.

Additionally on the next page, Chart 2e shows the employment for all industries for the four oldest age groups, as indexed to 1st quarter 2011 as being equal to 100, with all ages, years 14 to 99, as a comparison. Indexed data are handy because they allow an observer to quickly determine rates of growth by looking at a chart's vertical axis. They also allow for comparison of variables with different magnitudes.

Chart 2e shows that urban Oklahoma's all industry employment for the oldest age groups of 65 to 99 years, grew rapidly over the 10 years. The other four younger age groups ages 14 to 34 are not shown but may be seen in Chart 1e in Appendix E. The latter chart shows that of the youngest three age groups, ages 14 to 18 grew the second most in employment in most quarters over the 10 years studied.

**Table 1e. Urban Oklahoma: All Industries
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	991,815	23,067	50,298	62,382	229,974	208,705	213,570	153,654	50,162
2013	1,012,884	23,524	51,613	65,409	236,989	212,221	211,272	158,701	53,153
2014	1,030,045	24,914	51,779	67,158	240,908	215,501	210,252	163,244	56,286
2015	1,044,955	27,176	52,204	67,221	244,063	218,844	209,301	167,308	58,836
2016	1,030,395	27,157	49,889	63,748	238,474	217,315	205,439	167,913	60,456
2017	1,031,796	26,696	50,766	61,926	236,406	220,178	202,833	170,189	62,800
2018	1,052,373	27,576	53,196	62,140	238,530	227,945	203,024	173,179	66,781
2019	1,067,392	28,708	54,713	63,273	239,316	233,623	202,726	174,656	70,375
2020	1,031,385	28,437	52,087	61,458	227,277	228,324	196,624	168,326	68,851
2021	1,018,718	30,048	53,301	62,440	222,506	226,028	193,248	163,483	67,664
2012 - 2021	26,903	6,981	3,003	58	-7,468	17,323	-20,322	9,829	17,502

Note: Using Beginning of Quarter Employment Counts.

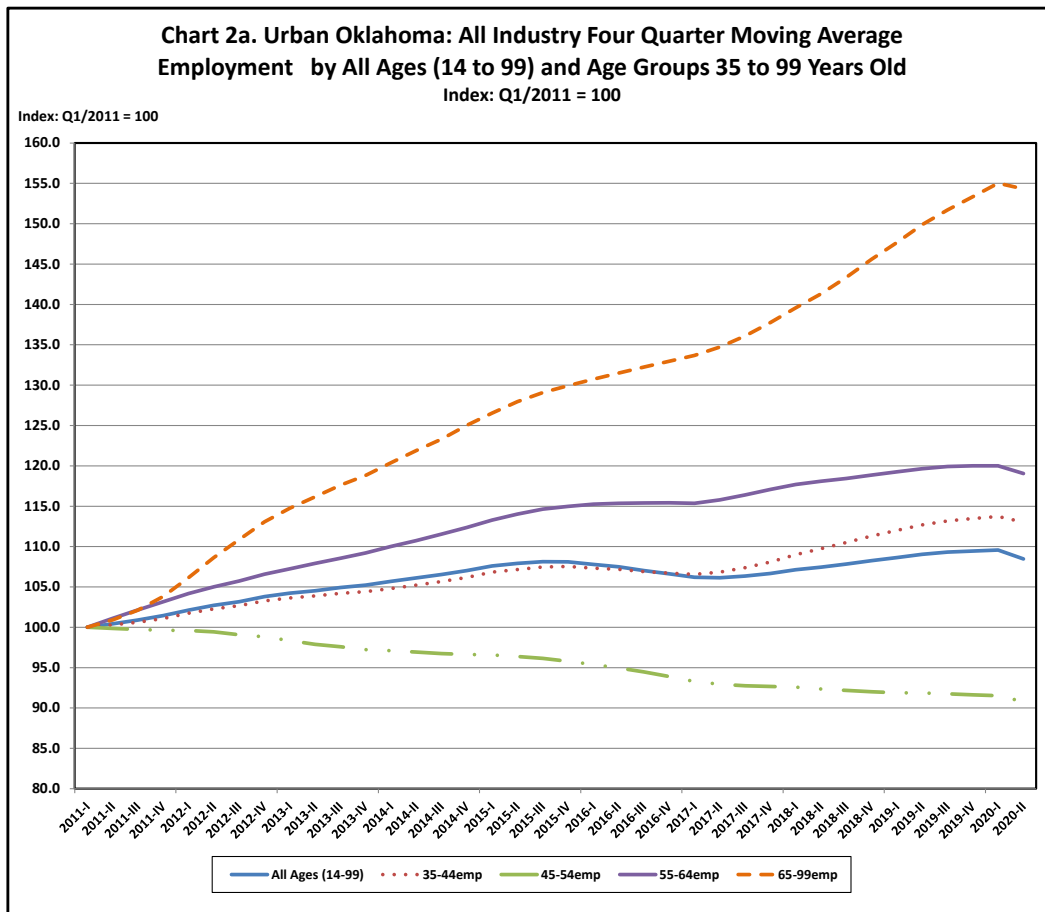


Table 2e displays the average annual employment for urban Oklahoma ambulatory health care, with the two groups with the largest 2021 employment in age groups, 35 to 44 years old and 25 to 34 years old. Considering employment change, in Table 2e the largest employment increase is in the middle age group of ages 35 to 44 and the second largest amount of employment increase middle age group 25 to 34, over the 10 years. The employment of the two youngest age groups increased the least of all eight groups.

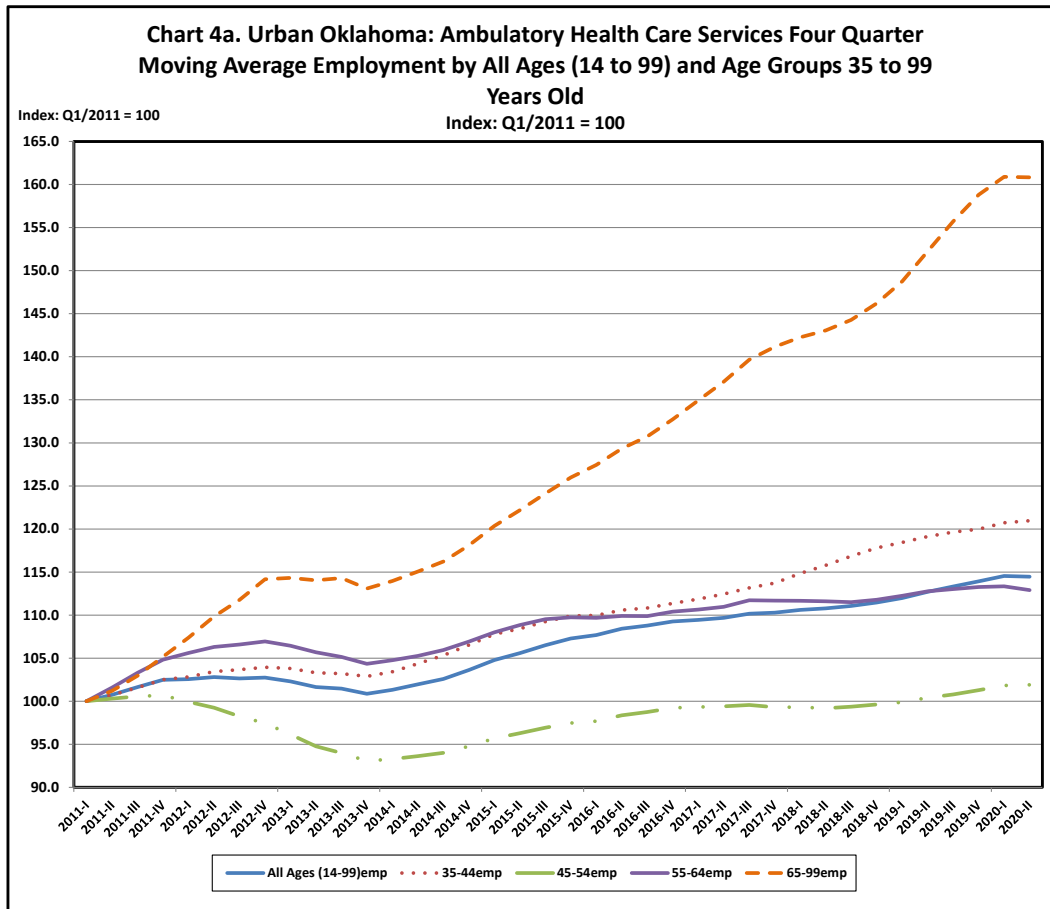
**Table 2e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	50,561	229	1,102	2,502	12,555	12,441	10,929	8,248	2,552
2013	50,222	215	1,115	2,511	12,674	12,418	10,547	8,134	2,608
2014	51,658	191	1,100	2,540	13,069	12,913	10,773	8,348	2,721
2015	53,656	192	1,263	2,649	13,675	13,343	11,045	8,587	2,898
2016	54,724	188	1,270	2,669	14,088	13,596	11,206	8,662	3,043
2017	55,473	191	1,270	2,655	14,072	14,031	11,274	8,717	3,261
2018	56,680	206	1,382	2,677	14,083	14,652	11,446	8,804	3,429
2019	58,396	204	1,469	2,882	14,390	15,066	11,702	8,937	3,743
2020	58,761	250	1,440	3,031	14,087	15,358	11,869	8,903	3,820
2021	58,264	291	1,599	3,258	13,867	15,163	11,730	8,602	3,753
2012 - 2021	7,703	62	497	756	1,312	2,722	801	354	1,201

Note: Using Beginning of Quarter Employment Counts.

On the top of the next page, Chart 4a of urban Oklahoma ambulatory health care services shows that the employment in the oldest ages 65 to 99 grew the fastest and age group ages 35 to 64 grew the second fastest of the eight age groups in this industry. These two age groups also grew faster than their counterparts in all industries, as shown on the previous page in Chart 2a. The younger four urban age groups for ambulatory health care services are in Chart 3a, which may be viewed in Appendix E at the end of this report.

At the bottom of the next page, Table 3e reveals annual average hospital employment from 2012 through 2021. The table shows that the employment of all ages grew by 2,727. In year 2021, the age group ages 25 to 34 have the largest employment and age group ages 35 to 44 have the second largest hospital employment, Age group ages 35 to 44 grew the most of the eight age groups, and age group ages 65 to 99 grew the second most over the decade. Age group 45 to 55 decreased in employment over the decade.



**Table 3e. Urban Oklahoma: Hospitals
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	49,458	55	906	2,439	13,131	11,568	11,091	8,426	1,840
2013	49,874	50	865	2,501	13,422	11,714	10,735	8,628	1,956
2014	48,571	47	784	2,432	13,208	11,402	10,251	8,516	1,928
2015	49,005	50	780	2,437	13,264	11,571	10,288	8,641	1,972
2016	49,707	46	867	2,479	13,406	11,721	10,373	8,752	2,060
2017	49,650	47	879	2,466	13,353	11,817	10,246	8,656	2,183
2018	50,518	46	920	2,491	13,348	12,228	10,338	8,774	2,371
2019	51,457	46	970	2,606	13,329	12,531	10,489	8,874	2,610
2020	51,774	30	998	2,784	13,224	12,792	10,516	8,745	2,685
2021	52,185	62	1,094	2,966	13,185	13,009	10,586	8,592	2,691
2012 - 2021	2,727	7	188	527	54	1,441	-505	166	851

Note: Using Beginning of Quarter Employment Counts.

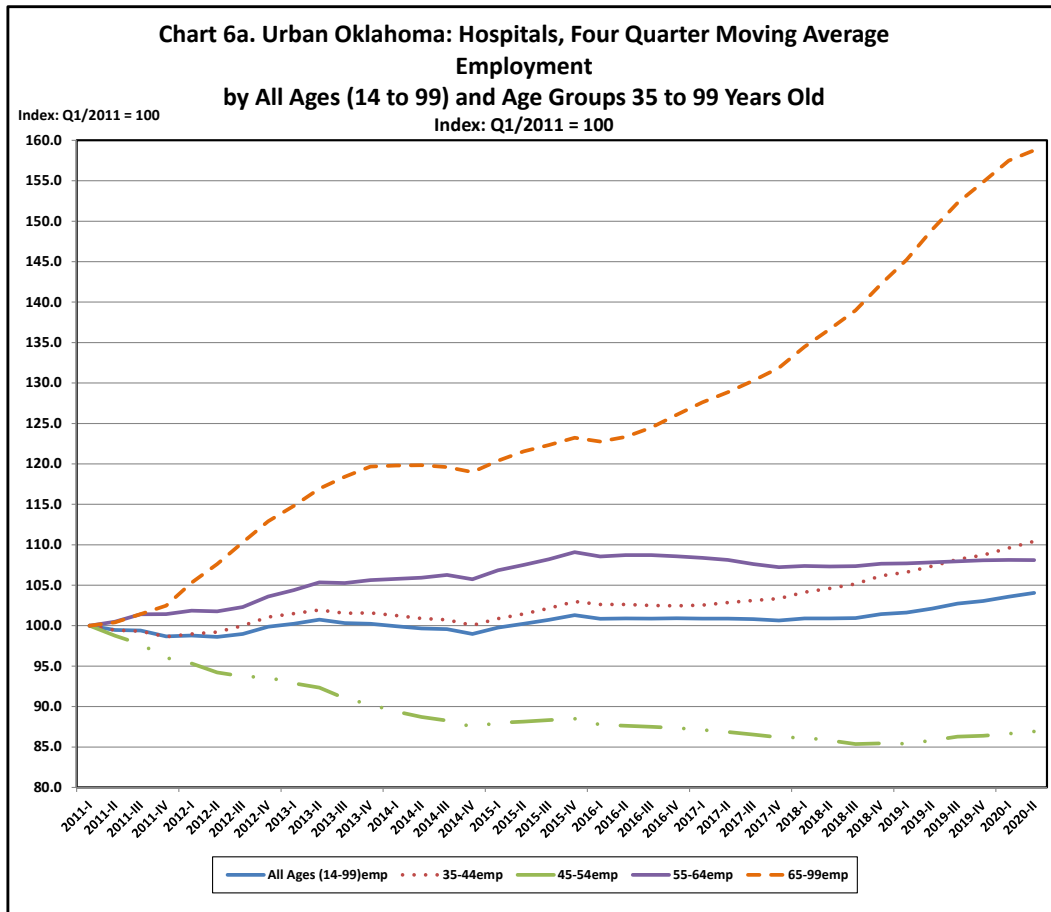


Chart 6a displays the hospital employment for the four oldest age groups, ages 35 to 99, during the 10 years of examination. This chart shows those ages 65 to 99 display a dramatic increase over the 10 years of observation of over 58 percent. The employment for age group ages 45 to 54 as shown in this chart shows a decrease of over 13 percent. The employment for the four younger age groups in urban Oklahoma is not shown, but may be viewed in Chart 5e, Appendix E. Three of the age groups in the latter show a slight increase, and age group ages 14 to 18 decreased over 42 percent.

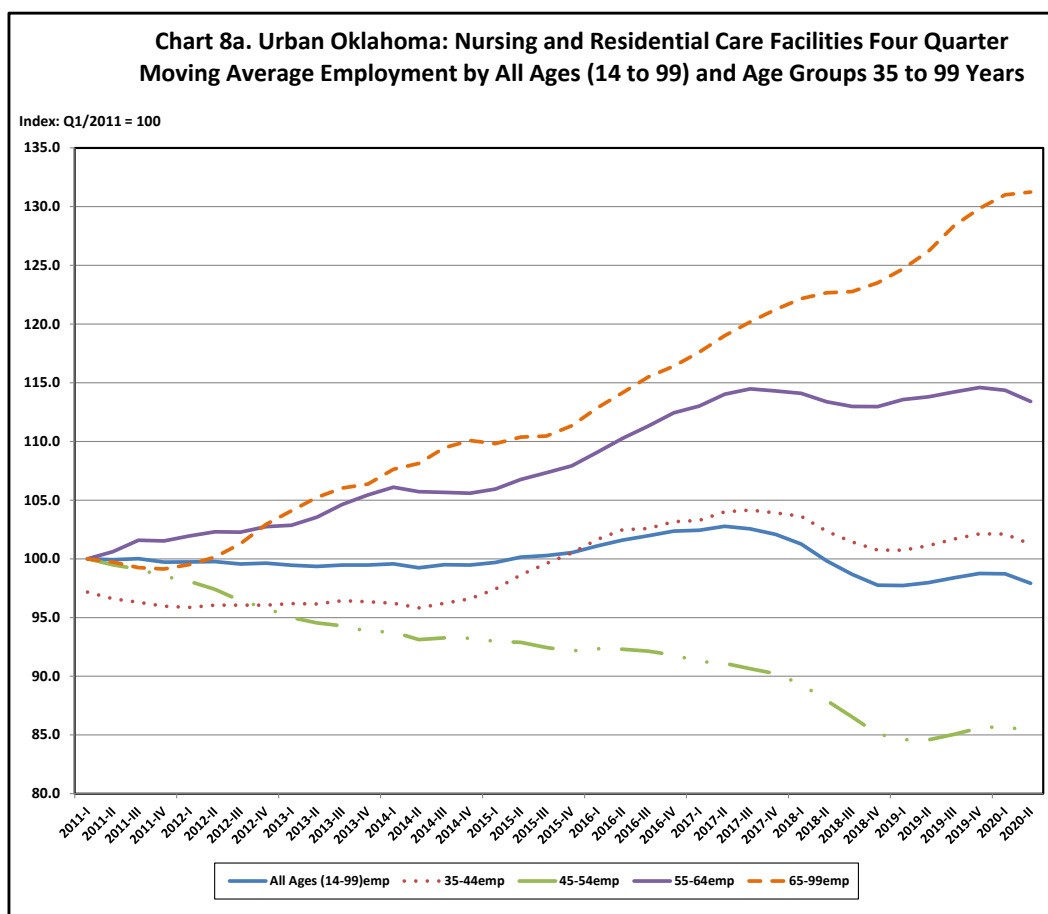
On the next page, Table 4e shows the average annual employment for urban Oklahoma nursing and residential care facilities for eight age groups and an aggregate of all ages (ages 14 to 99) for the years 2012 to 2021. The table shows that in 2021 ages 35 to 44 have the largest employment and ages 25 to 34 have the second largest employment. The table also shows that ages 65 to 99 have the largest increase in employment and ages 55 to 64 have the second largest increase in employment. In nursing and residential care facilities, all ages (ages 14 to 99) decreased by 1,412, over the 10 years of observation.

At the bottom of the next page, Chart 8e illustrates urban Oklahoma nursing and residential care facilities employment for the four older groups, from 2012 to 2021. The two oldest groups, ages 55 to 64 and ages 65 to 99, grew the second and first fastest rates, respectively, over the 10-year time. The four other age groups in this industry are shown in Appendix E Chart 7e, age group ages 14 to 18 grew at much slower rate with the other three age groups decreasing in employment in the same interval.

**Table 4e. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	19,861	269	1,124	1,517	4,931	4,254	4,014	2,785	965
2013	19,597	272	1,076	1,480	4,864	4,199	3,881	2,823	1,000
2014	19,785	263	975	1,503	4,920	4,238	3,963	2,858	1,063
2015	20,262	262	947	1,464	5,043	4,474	3,959	2,997	1,113
2016	20,637	255	904	1,430	5,110	4,609	4,007	3,131	1,189
2017	20,575	246	976	1,346	5,013	4,633	3,914	3,212	1,230
2018	19,695	235	950	1,172	4,712	4,487	3,710	3,162	1,265
2019	19,905	243	999	1,168	4,643	4,538	3,780	3,185	1,347
2020	18,824	281	1,023	1,121	4,211	4,278	3,622	2,970	1,314
2021	18,449	265	1,023	1,123	4,045	4,184	3,570	2,938	1,301
2012 - 2021	-1,412	-4	-101	-394	-886	-70	-444	153	336

Note: Using Beginning of Quarter Employment Counts.



In summary of Section II, urban Oklahoma all industry, ambulatory health care services, and nursing and residential care facilities have its largest 2021 employment in ages 35 to 44 and its second largest employment in ages 25 to 34. Hospitals have the same two age groups with their largest employment, only with the rank reversed.

Employment change amount is examined for the four industry groups by comparing the eight age groups employment change for the 10 years, 2012 to 2021. All industries and nursing and residential care facilities groups have their largest employment change in ages 65 to 99, while hospitals and ambulatory health care services have their largest change in ages 35 to 44. All industries have its second largest employment change in age group ages 35 to 44, ambulatory health care services have their second largest change in ages 25 to 34, hospitals have their second largest change in ages 65 to 99, and nursing and residential care facilities have their second largest employment change in ages 55 to 65, over the decade of observation.

Employment change rate is evaluated by calculating and charting the indexed four industry groups' four quarter moving average employment over the 10 years, 2012 to 2021. For all four urban Oklahoma industry groups, the highest rate of employment increase is in ages 65 to 99. The second highest rate of employment increase for all industries is ages 14 to 18, for all industries, for ambulatory health care services the second highest is ages 35 to 44, for hospitals is ages 19 to 21 and for residential care facilities the second highest rate of employment change was 55 to 64, over the decade observed.

III. Earnings and Earnings Change by Age Group

Of explicit interest to employers, policy makers, career advisors, students and other health industry stakeholders is the amount of earnings and earnings change that has occurred in the industry over time. This section explores these two topics for health industry groups by age group, beginning with an aggregate of Oklahoma all industry for comparative purposes.

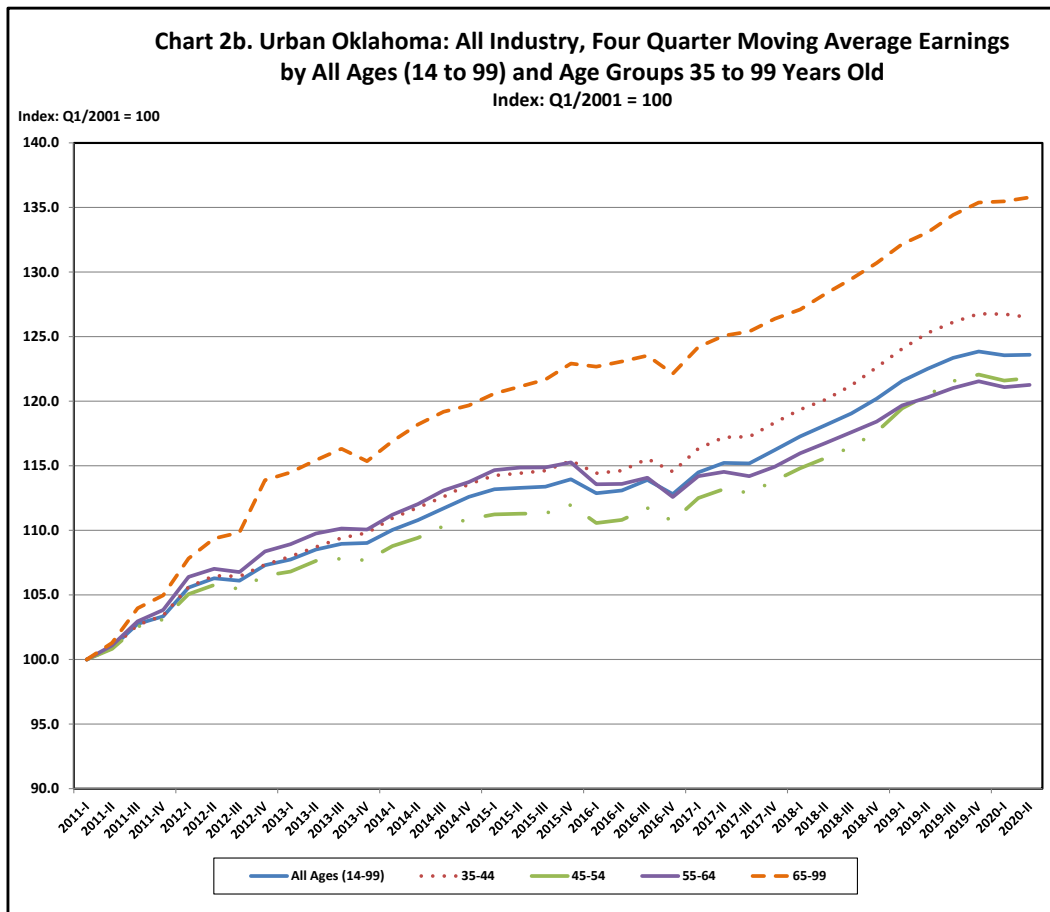
On the next page, Table 1f reveals urban Oklahoma all industry average monthly earnings by eight age groups, and an aggregate of all age groups (ages 14 to 99), from 2012 to 2021. The table confirms that in year 2021 the larger earnings are in ages 55 to 64 and ages 45 to 54. Ages 45 to 54 have the largest amount of earnings change and ages 35 to 44 have second largest earnings increase over the 10 years of analysis. The younger three age groups of ages 14 to 18, 19 to 21 and 22 to 24 have much lower average monthly earnings increase amounts than the other five age groups, during this period.

Chart 2b displays the earnings change for urban Oklahoma all industries, the older four age groups and all ages (age 14 to 99). The oldest age group, ages 65 to 99, have the largest rates of earnings change, with 35.8 percent increase. Not shown here, but available in Appendix F, Chart 1b for the youngest four age groups, shows that four youngest out of eight age groups all have earnings increases of 20.1 to 29.7 percent, the latter in age groups ages 19 to 21.

**Table 1f. Urban Oklahoma: All Industries
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$3,469	\$573	\$1,089	\$1,744	\$2,883	\$3,857	\$4,354	\$4,559	\$3,355
2013	\$3,517	\$570	\$1,114	\$1,777	\$2,947	\$3,945	\$4,398	\$4,621	\$3,389
2014	\$3,625	\$580	\$1,142	\$1,811	\$3,061	\$4,071	\$4,529	\$4,762	\$3,492
2015	\$3,685	\$595	\$1,154	\$1,852	\$3,118	\$4,161	\$4,579	\$4,841	\$3,611
2016	\$3,635	\$594	\$1,155	\$1,851	\$3,059	\$4,114	\$4,512	\$4,704	\$3,574
2017	\$3,732	\$598	\$1,180	\$1,904	\$3,128	\$4,237	\$4,632	\$4,794	\$3,686
2018	\$3,859	\$631	\$1,257	\$2,022	\$3,252	\$4,377	\$4,773	\$4,951	\$3,797
2019	\$3,982	\$661	\$1,325	\$2,087	\$3,338	\$4,536	\$4,962	\$5,090	\$3,926
2020	\$4,085	\$732	\$1,356	\$2,116	\$3,391	\$4,655	\$5,092	\$5,229	\$4,061
2021	\$4,006	\$703	\$1,255	\$1,985	\$3,249	\$4,601	\$5,115	\$5,183	\$4,027
2012 - 2021	\$537	\$130	\$166	\$241	\$366	\$744	\$761	\$624	\$672

Note: Using Beginning of Quarter Employment Counts.



**Table 2f. Urban Oklahoma: Ambulatory Health Care Services
Average Monthly Earnings by Age Group**

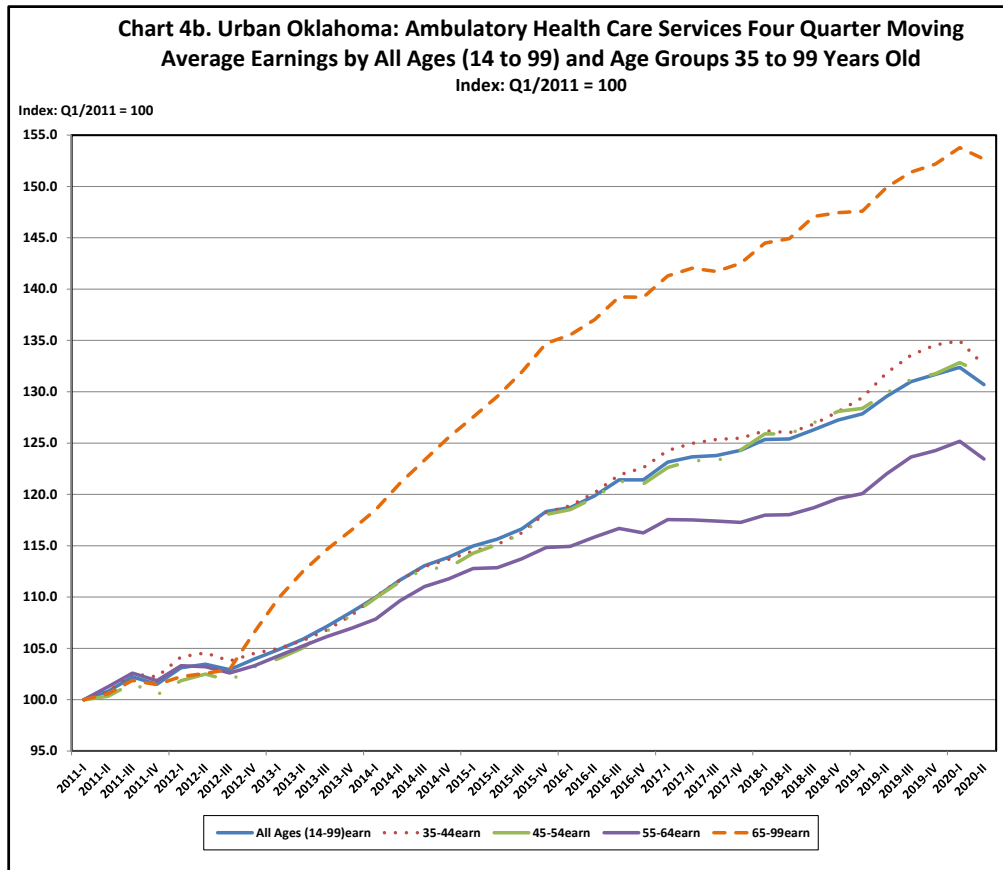
Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$4,329	\$684	\$1,158	\$1,638	\$2,921	\$4,944	\$5,273	\$5,655	\$4,245
2013	\$4,464	\$699	\$1,221	\$1,721	\$3,070	\$5,080	\$5,472	\$5,733	\$4,571
2014	\$4,711	\$737	\$1,235	\$1,761	\$3,231	\$5,357	\$5,771	\$6,016	\$4,958
2015	\$4,874	\$670	\$1,298	\$1,856	\$3,353	\$5,573	\$5,994	\$6,156	\$5,325
2016	\$5,004	\$633	\$1,325	\$1,862	\$3,472	\$5,777	\$6,117	\$6,223	\$5,605
2017	\$5,148	\$706	\$1,336	\$1,857	\$3,596	\$5,926	\$6,305	\$6,339	\$5,729
2018	\$5,204	\$803	\$1,357	\$1,933	\$3,588	\$5,969	\$6,393	\$6,426	\$5,832
2019	\$5,338	\$846	\$1,403	\$1,955	\$3,656	\$6,187	\$6,522	\$6,665	\$5,952
2020	\$5,448	\$927	\$1,450	\$2,031	\$3,661	\$6,258	\$6,699	\$6,840	\$6,197
2021	\$4,924	\$896	\$1,380	\$1,968	\$3,440	\$5,677	\$6,110	\$6,066	\$5,454
2012 - 2021	\$595	\$212	\$222	\$330	\$519	\$733	\$837	\$411	\$1,209

Note: Using Beginning of Quarter Employment Counts.

Table 2f, provides urban Oklahoma ambulatory health care services average monthly earnings by eight age groups, compared to all age groups (ages 14 to 99). The table shows that in 2021 ages 45 to 54 have the largest earnings of \$6,110 and ages 55 to 64 have the second largest average monthly earnings of \$6,066. The table shows that age group ages 65 to 99 have the largest earnings change and age group ages 45 to 54 have the second largest earnings change, over the 10 years surveyed.

On the top of the next page, Chart 4b illustrates the urban Oklahoma ambulatory health care services earnings change rates for the older four age groups, as compared to all ages (14 to 99 years). The chart shows that ages 65 to 99 have the highest rate of earnings change of these four older age groups and age group ages 35 to 44 have the second highest rate of earnings change. Not shown here, but available in Appendix F, Chart 3b for the youngest four age groups, shows that four younger out of eight age groups 14 to 18, 19 to 21, 22 to 24 and ages 25 to 34 all have earnings increases of 27.1 to 29.7 percent.

At the bottom of the next page, Table 3f shows the urban Oklahoma hospitals average monthly earnings by eight age groups and by all ages (14 to 99 years). The table confirms that in 2021 hospital employment in ages 45 to 54 and ages 55 to 64 have the two highest average monthly earnings of \$5,425 and \$5,131, respectively. Age group ages 45 to 34 also have the largest earnings change, while age group ages 35 to 44 showed the second largest amount of earnings change, over the 10 years.



**Table 3f. Urban Oklahoma: Hospitals
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$3,665	\$951	\$1,275	\$2,056	\$2,936	\$3,950	\$4,141	\$4,443	\$4,009
2013	\$3,777	\$828	\$1,282	\$2,053	\$3,031	\$4,085	\$4,286	\$4,546	\$4,190
2014	\$3,912	\$871	\$1,307	\$2,153	\$3,140	\$4,208	\$4,442	\$4,695	\$4,483
2015	\$4,193	\$979	\$1,439	\$2,352	\$3,384	\$4,480	\$4,769	\$5,062	\$4,579
2016	\$4,099	\$1,000	\$1,446	\$2,350	\$3,380	\$4,360	\$4,665	\$4,879	\$4,412
2017	\$4,179	\$1,129	\$1,417	\$2,334	\$3,409	\$4,483	\$4,789	\$4,941	\$4,597
2018	\$4,315	\$1,057	\$1,455	\$2,408	\$3,491	\$4,643	\$5,002	\$5,073	\$4,618
2019	\$4,581	\$1,345	\$1,520	\$2,636	\$3,725	\$4,955	\$5,344	\$5,282	\$4,844
2020	\$4,635	\$1,361	\$1,583	\$2,698	\$3,785	\$5,054	\$5,438	\$5,232	\$4,934
2021	\$4,600	\$1,408	\$1,602	\$2,692	\$3,751	\$5,059	\$5,425	\$5,131	\$5,002
2012 - 2021	\$935	\$457	\$327	\$636	\$815	\$1,109	\$1,284	\$688	\$993

Note: Using Beginning of Quarter Employment Counts.

On the next page, Charts 5b and 6b display the rates of hospital earnings change over the decade.

Chart 5b. Urban Oklahoma: Hospitals Four Quarter Moving Average Earnings by All Ages (14 to 99) and Age Groups 14 to 34 Years Old

Index: Q1/2011 = 100

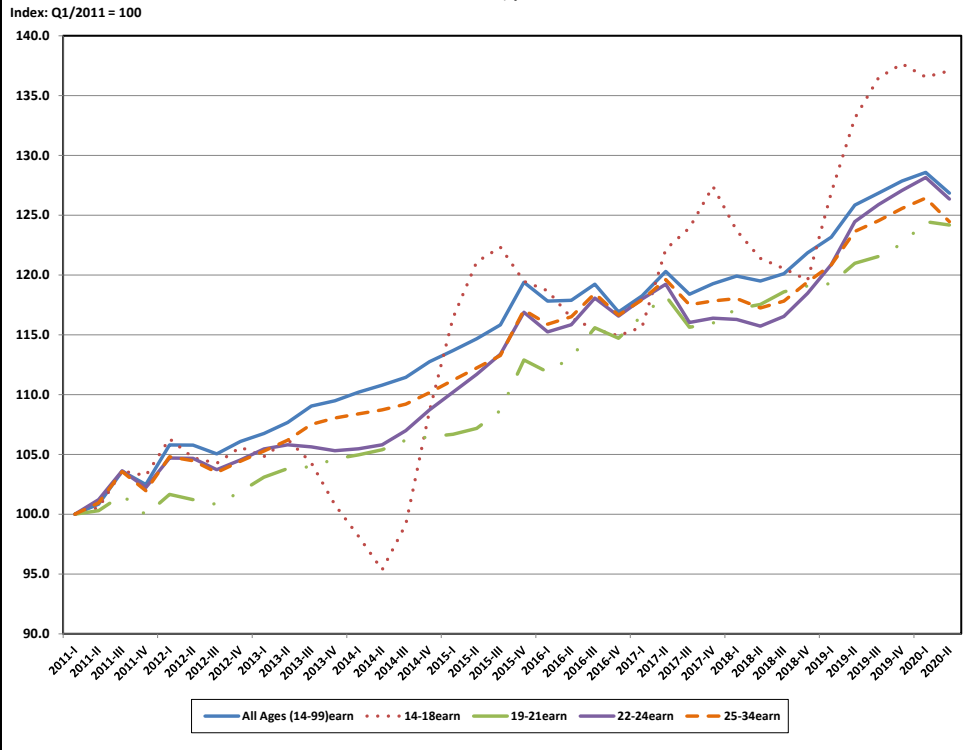
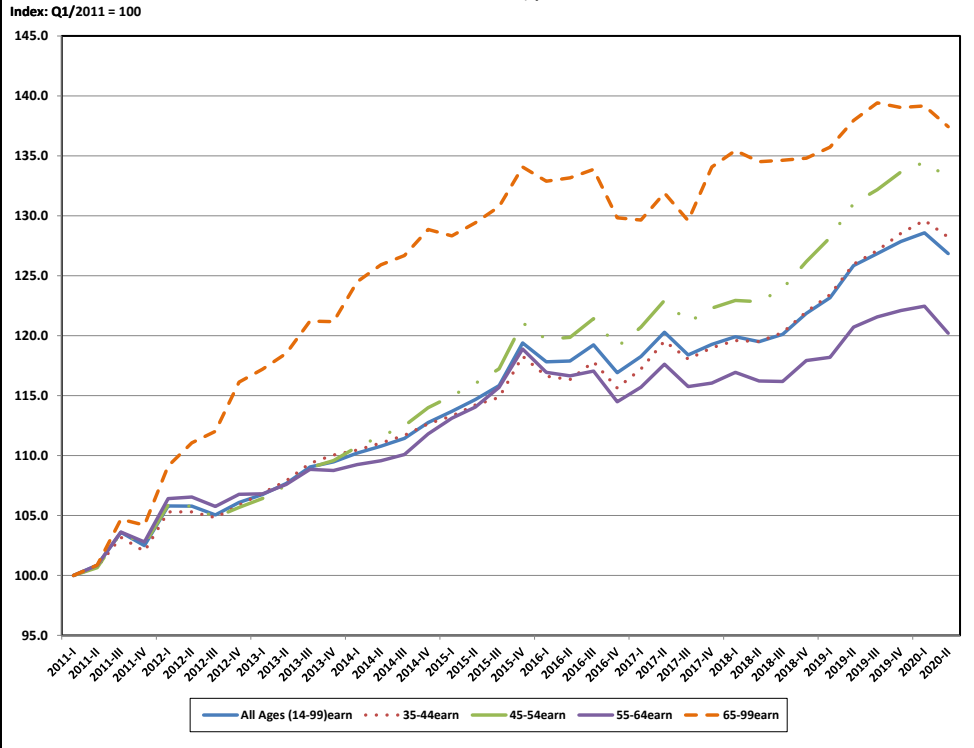


Chart 6b. Urban Oklahoma: Hospitals Four Quarter Moving Average Earnings by All Ages (14 to 99) and Age Groups 35 to 99 Years Old

Index: Q1/2011 = 100



At the top of the previous page, Chart 5b displays urban Oklahoma hospitals earnings change for the youngest four of eight age groups, ages 14 to 34, while at the bottom of the same page, Chart 6b shows the earnings change for the oldest of the eight age groups. The earnings for ages 14 to 18 grew at the second highest of the eight groups at 37.1 percent, while age group ages in the bottom chart age group ages 65 to 99 grew at the fastest rate of 37.4 percent.

**Table 4f. Urban Oklahoma: Nursing and Residential Care Facilities
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$2,029	\$731	\$1,069	\$1,367	\$1,798	\$2,258	\$2,349	\$2,524	\$1,974
2013	\$2,049	\$757	\$1,095	\$1,354	\$1,817	\$2,269	\$2,391	\$2,505	\$2,050
2014	\$2,109	\$746	\$1,119	\$1,381	\$1,864	\$2,315	\$2,477	\$2,558	\$2,125
2015	\$2,187	\$744	\$1,129	\$1,383	\$1,937	\$2,372	\$2,600	\$2,644	\$2,180
2016	\$2,203	\$810	\$1,183	\$1,378	\$1,923	\$2,370	\$2,620	\$2,666	\$2,205
2017	\$2,225	\$799	\$1,201	\$1,442	\$1,938	\$2,419	\$2,624	\$2,651	\$2,226
2018	\$2,288	\$933	\$1,273	\$1,487	\$2,005	\$2,473	\$2,686	\$2,663	\$2,330
2019	\$2,361	\$906	\$1,290	\$1,551	\$2,056	\$2,570	\$2,783	\$2,738	\$2,378
2020	\$2,594	\$1,119	\$1,440	\$1,721	\$2,258	\$2,856	\$3,074	\$3,006	\$2,507
2021	\$2,635	\$1,137	\$1,417	\$1,736	\$2,243	\$2,904	\$3,251	\$3,008	\$2,470
2012 - 2021	\$606	\$406	\$348	\$369	\$445	\$646	\$902	\$484	\$496

Note: Using Beginning of Quarter Employment Counts.

Table 4f exhibits the average monthly earnings of urban Oklahoma nursing and residential facilities, as shown by eight age groups and as compared to an aggregate of all ages, ages 14 to 99. The table shows that ages 45 to 54 and 55 to 64, have the largest and second largest 2021 average monthly earnings, respectively; of \$3,251 for the former and \$3,008 for the latter. Age group ages 45 to 54 also have the largest earnings change, while age group ages 35 to 44 showed the second largest amount of earnings change, over the decade of observation.

At the top of the next page, Chart 7b displays urban Oklahoma nursing and residential facilities earnings change for the youngest four of eight age groups, ages 14 to 34, while at the bottom of the same page, Chart 8b shows the earnings change for the oldest four of the eight age groups. Chart 7b, displays that the earnings for ages 14 to 18 grew at the second highest of the eight groups at 31.0 percent, while age group ages in the bottom Chart 8b shows that age group ages 65 to 99 grew at the fastest rate of 34.9 percent.

Chart 7b. Urban Oklahoma: Nursing and Residential Care Facilities Four Quarter Moving Average Earnings by All Ages (14 to 99) and Age Groups 14 to 34 Years Old

Index: Q1/2001 = 100

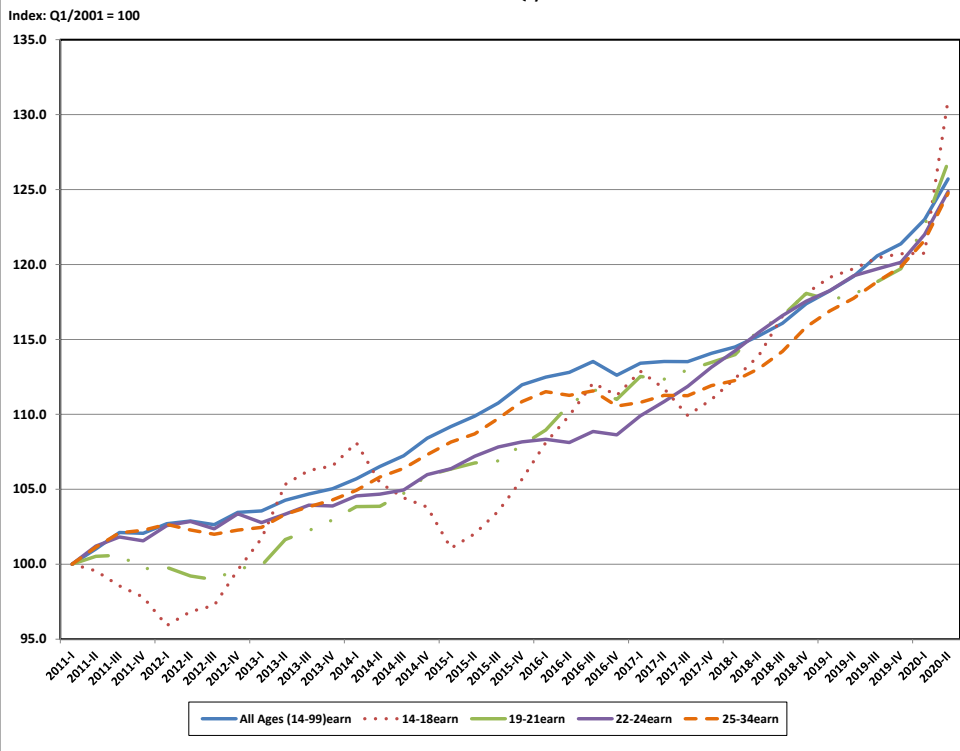
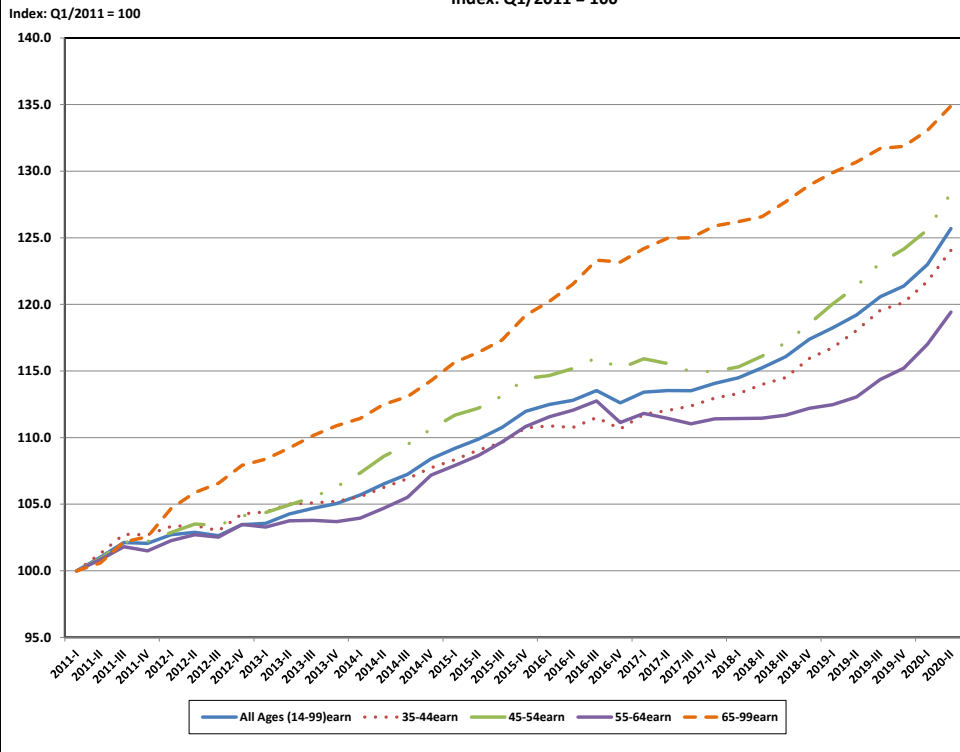


Chart 8b. Urban Oklahoma: Nursing and Residential Care Facilities Four Quarter Moving Average Earnings by All Ages (14 to 99) and Age Groups 35 to 99 Years Old

Index: Q1/2011 = 100



In summary of Section III, the analysis of urban Oklahoma health average earnings by four industry groups and age groups in year 2021 determined that of the eight age groups, 45 to 54 having the largest earnings, and ages 55 to 64 having the second largest earnings, the exception being all industries where the rank earnings are reversed.

Average monthly earnings change amounts for years 2012 to 2021 is also calculated for all four industry groups by eight age groups and the aggregate of all ages. It was found that all industries, hospitals and nursing and residential care ages 45 to 54 have the largest earnings change and ages 35 to 45 have the second largest earnings change. In ambulatory health care services, the largest earnings change is in ages 65 to 99, and ages 45 to 54 with the second largest earnings change, over the decade surveyed.

The four quarter moving averages earnings change rate was calculated and charted for the four industry groups by eight age groups. In all four industry groups, ages 65 to 99 average earning grew at the highest rate in ages 65 to 99. In hospitals and nursing and residential care age group ages 14 to 18 grew at the second highest rate of earnings change, while in all industries age group ages 19 to 21 grew at the second highest rate, and in ambulatory health care services the second highest earnings rate of change is in age group ages 35 to 34.

IV. Employment and Employment Change by Age Group and Gender Group

Another helpful way of exploring health industry employment is by both age and gender concurrently. Traditionally and historically females have the larger portion of employment than males in the health industry. Has this larger female than male portion employed in the health industry changed in recent years? Below Table 6e displays urban Oklahoma all industry average annual male employment by age.

**Table 6e. Urban Oklahoma: All Industries
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	511,087	10,632	24,754	31,101	121,457	110,343	109,674	76,843	26,281
2013	524,192	11,064	25,395	32,755	125,264	112,684	109,128	80,156	27,741
2014	532,817	11,645	25,584	33,601	126,822	114,098	108,703	83,003	29,357
2015	538,429	12,689	25,777	33,591	127,502	115,146	107,897	85,144	30,679
2016	525,372	12,624	24,244	31,256	122,494	113,139	105,222	84,978	31,413
2017	525,830	12,314	24,632	30,478	121,260	114,496	103,685	86,361	32,602
2018	537,842	12,545	25,761	30,896	123,220	118,460	103,949	88,125	34,885
2019	543,465	13,111	26,585	31,491	123,015	120,772	103,300	88,676	36,511
2020	520,745	12,937	25,286	30,147	115,293	116,668	99,368	85,251	35,792
2021	510,369	13,322	25,215	30,151	112,219	114,530	97,131	82,699	35,104
2012 - 2021	-718	2,690	461	-950	-9,238	4,187	-12,543	5,856	8,823

Note: Using Beginning of Quarter Employment Counts.

Table 6e shows that urban Oklahoma all industries in year 2021 have their largest male employment in ages 35 to 44 and their second largest male employment in ages 25 to 34. On the other hand, all industries have their largest male employment amount increase in ages 65 to 99 and their second largest increase in ages 55 to 65. All ages (14 to 99) males decrease in employment by 718, over the 10 years.

**Table 7e. Urban Oklahoma: All Industries
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	480,727	12,435	25,544	31,280	108,516	98,362	103,896	76,810	23,881
2013	488,691	12,459	26,217	32,653	111,724	99,536	102,143	78,544	25,411
2014	497,228	13,269	26,194	33,556	114,085	101,403	101,548	80,241	26,930
2015	506,527	14,486	26,427	33,630	116,561	103,697	101,404	82,164	28,156
2016	505,022	14,533	25,645	32,492	115,979	104,176	100,217	82,935	29,043
2017	505,966	14,381	26,134	31,447	115,146	105,682	99,148	83,827	30,198
2018	514,530	15,031	27,435	31,244	115,310	109,485	99,074	85,053	31,896
2019	523,926	15,596	28,127	31,781	116,300	112,850	99,426	85,980	33,864
2020	510,640	15,500	26,801	31,310	111,983	111,655	97,255	83,074	33,058
2021	508,348	16,726	28,086	32,289	110,287	111,499	96,116	80,785	32,561
2012 - 2021	27,621	4,291	2,542	1,009	1,771	13,137	-7,780	3,975	8,680

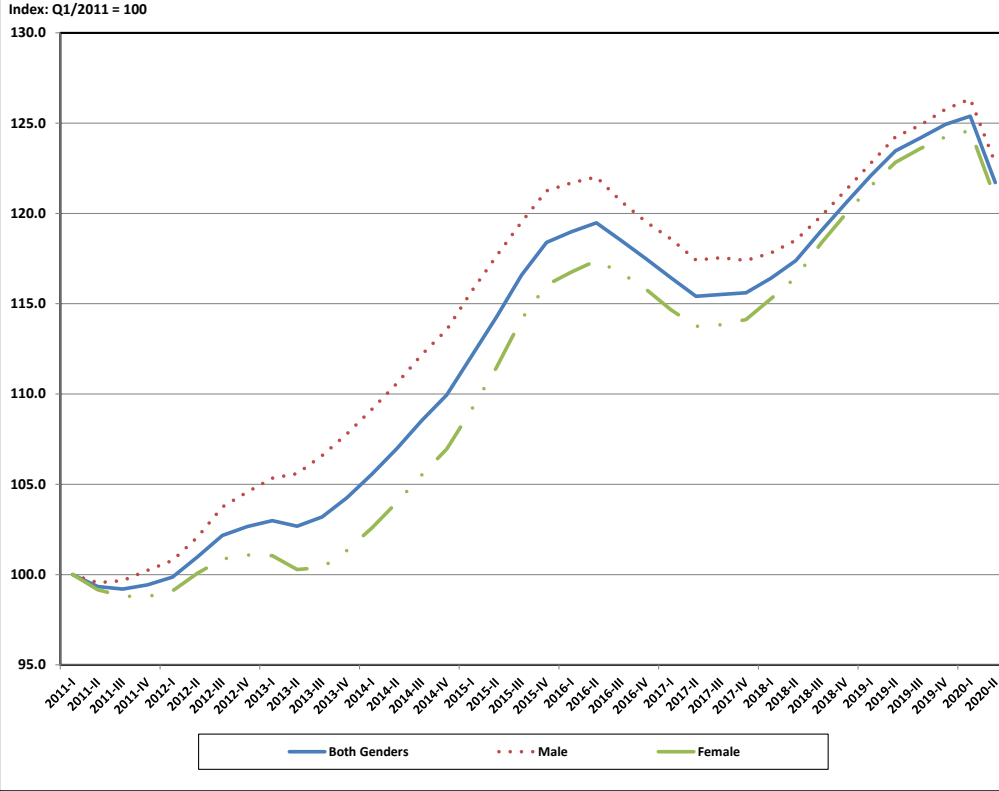
Note: Using Beginning of Quarter Employment Counts.

Table 7e displays that in 2021 urban Oklahoma all industries have their largest female employment in ages 35 to 44 and their second largest male employment in ages 25 to 34. All industries have their largest female employment amount increase in ages 35 to 44 and their second largest increase in ages 65 to 99. All ages (14 to 99) females increase in employment by 27,621, over the decade of observance.

At the top of the next page, Chart 10a shows all industry employment rate of increase in urban Oklahoma for ages 14 to 18 by gender and at the bottom of the same page, Chart 17a show the same for ages 65 to 99; as indexed to 1st quarter 2011 equal to 100. Male employment increased at a rate of about 22.8 percent in the former and just over 54.5 percent in the latter, while female employment rate of increase is almost 20.8 percent in Chart 10e, and a little over 54 percent in Chart 17e, over the 10 years of observation. Charts for the other urban six age groups in all industries are in Appendix G.

**Chart 10a. Urban Oklahoma: All Industry Four Quarter Moving Average
Employment by Ages 14 to 18 and Gender Group**

Index: Q1/2011 = 100



**Chart 17a. Urban Oklahoma: All Industry Four Quarter Moving Average
Employment by Ages 65 to 99 by Gender Group**

Index: Q1/2011 = 100

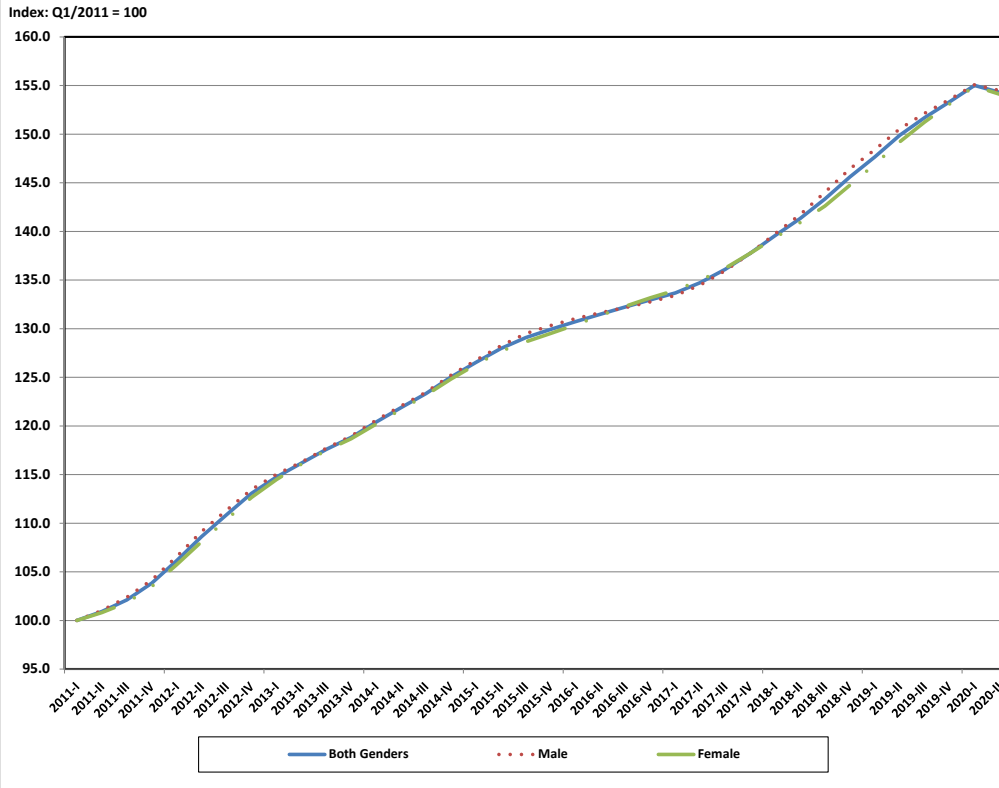


Table 9e shows urban Oklahoma ambulatory health care services average annual employment for males by age group; below it Table 10e shows the same for females. The ‘all ages’ (14 to 99) age categories in the two tables confirm a 2021 urban Oklahoma ambulatory health care services average annual employment female to male employment ration of over 3.5 to 1. The largest employment of urban males in year 2021 is in ages 35 to 44 and the second largest employment of males is in ages 45 to 54. For females, the largest urban employment is in ages 35 to 44 and the second largest employment is ages 25 to 44. The largest employment change for males in this industry is in age group ages 45 to 54 and largest change for females is in ages 35 to 44, over the 10 years of observation.

**Table 9e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	10,546	71	184	398	2,147	2,759	2,250	1,902	832
2013	10,862	66	187	413	2,265	2,822	2,300	1,926	881
2014	11,350	59	184	398	2,317	2,915	2,483	2,048	942
2015	11,915	51	226	438	2,417	3,019	2,630	2,120	1,011
2016	12,254	48	215	421	2,517	3,150	2,721	2,093	1,087
2017	12,476	58	217	411	2,533	3,256	2,755	2,075	1,168
2018	12,607	63	216	414	2,513	3,290	2,784	2,106	1,219
2019	12,963	61	237	426	2,558	3,368	2,820	2,187	1,303
2020	13,033	75	238	451	2,458	3,413	2,860	2,178	1,356
2021	12,827	96	291	482	2,446	3,268	2,850	2,094	1,300
2012 - 2021	2,281	25	107	84	299	509	600	192	468

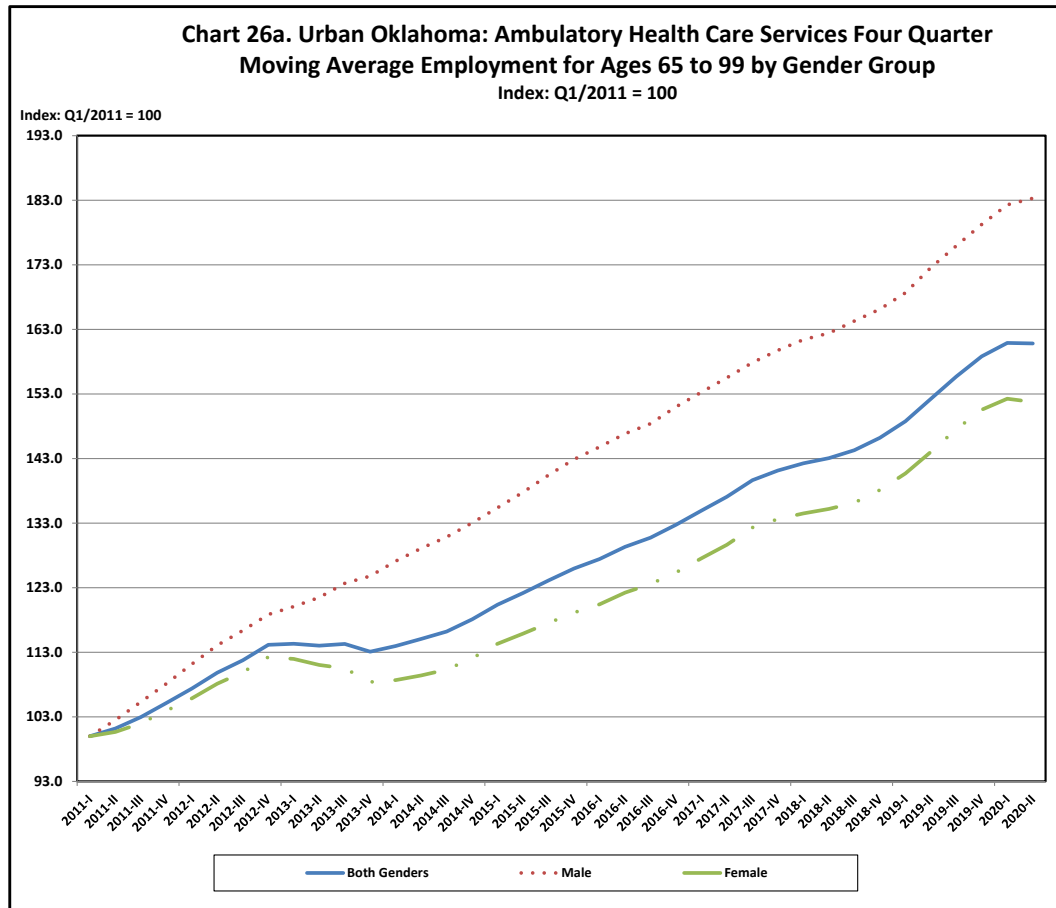
Note: Using Beginning of Quarter Employment Counts.

**Table 10e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	40,014	157	918	2,104	10,408	9,681	8,679	6,346	1,719
2013	39,360	148	928	2,098	10,409	9,596	8,246	6,208	1,726
2014	40,307	131	916	2,141	10,751	9,998	8,290	6,300	1,778
2015	41,740	141	1,037	2,210	11,257	10,324	8,415	6,466	1,887
2016	42,469	139	1,055	2,248	11,570	10,446	8,485	6,568	1,955
2017	42,997	133	1,053	2,244	11,539	10,775	8,518	6,642	2,092
2018	44,073	142	1,165	2,262	11,569	11,362	8,662	6,697	2,211
2019	45,432	142	1,232	2,455	11,832	11,698	8,882	6,749	2,440
2020	45,728	175	1,201	2,580	11,629	11,944	9,009	6,724	2,464
2021	45,437	196	1,308	2,776	11,422	11,895	8,881	6,508	2,453
2012 - 2021	5,423	39	390	672	1,014	2,214	202	162	734

Note: Using Beginning of Quarter Employment Counts.

Chart 26a shows urban Oklahoma ambulatory health care services employment change rates for ages 65 to 99, as the largest in amount of change for males and females as indexed to 1st quarter 2011 equal to 100. Not shown here but shown in Appendix G at the end of this report, the second largest amount for males is 24.7 percent shown in Chart 23a in ages 45 to 54, and the second largest for females is 20.3 percent shown in Chart 22a in ages 35 to 44. The charts for the remaining six age groups in ambulatory health care services may also be viewed in Appendix G.



On the top of the next page, Table 12e above shows the urban Oklahoma hospitals average annual employment for males by age group, and below it, Table 13e shows the same for females. Note that the yellow shaded cells indicate Aggregate of cells not released because component cells do not meet U.S. Census Bureau publication standards. Males have their highest 2021 employment in ages 35 to 44 and in their second highest employment in 25 to 34. Females have the same two age groups of highest 2021 employment, only with the rank reversed. Also in 2021, female hospital employment in ‘all ages’ (14 to 99) is over three and a half times that of males in all ages.

The age group with the highest change for Oklahoma hospital males is ages 65 to 99, and the second largest is ages 35 to 44. For females age group ages 35 to 44 have the largest change and ages 22 to 24 has the second largest change, over the decade of observation.

**Table 12e. Urban Oklahoma: Hospitals
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	11,159	21	213	488	2,791	2,750	2,490	1,914	490
2013	11,238	20	202	467	2,854	2,746	2,460	1,955	534
2014	10,920	16	172	431	2,784	2,693	2,363	1,917	541
2015	11,062	13	192	451	2,798	2,688	2,427	1,938	551
2016	11,136	11	204	455	2,800	2,643	2,490	1,962	567
2017	10,882	14	191	431	2,686	2,590	2,448	1,904	615
2018	10,953	16	193	423	2,657	2,644	2,411	1,937	669
2019	11,121	14	204	457	2,639	2,703	2,401	1,972	727
2020	11,188		199	453	2,669	2,750	2,369	1,965	775
2021	11,273		198	469	2,642	2,792	2,402	1,961	802
2012 - 2021	114		-15	-19	-149	42	-88	47	312

Note: Using Beginning of Quarter Employment Counts.

Aggregate of cells not released because component cells do not meet U.S. Census Bureau publication standards

**Table 13e. Urban Oklahoma: Hospitals
Annual Average Employment for Females by Age Group**

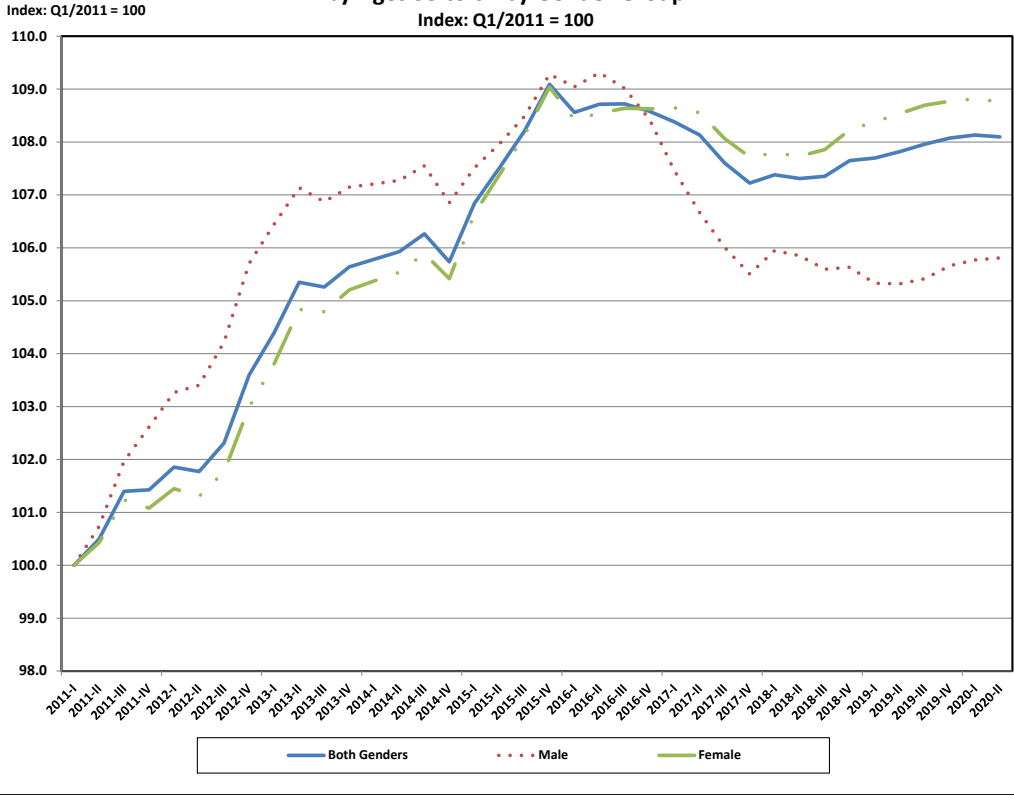
Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	38,299	34	692	1,951	10,340	8,817	8,600	6,512	1,350
2013	38,635	30	664	2,034	10,569	8,967	8,275	6,673	1,422
2014	37,650	30	611	2,000	10,424	8,710	7,888	6,598	1,386
2015	37,943	36	587	1,985	10,465	8,883	7,861	6,703	1,421
2016	38,571	34	663	2,024	10,605	9,077	7,883	6,790	1,493
2017	38,767	32	688	2,034	10,666	9,227	7,797	6,752	1,569
2018	39,565	30	727	2,067	10,691	9,583	7,927	6,836	1,700
2019	40,336	31	766	2,148	10,689	9,826	8,088	6,902	1,883
2020	40,585	23	799	2,330	10,554	10,041	8,146	6,780	1,910
2021	40,913	55	896	2,498	10,542	10,217	8,183	6,631	1,888
2012 - 2021	2,614	21	204	547	202	1,400	-417	119	538

Note: Using Beginning of Quarter Employment Counts.

At the top of the next page, Chart 34a illustrates urban Oklahoma hospital employment change for ages 55 to 64 by gender group; while beneath it Chart 35a does the same for age group 65 to 99, as indexed to 1st quarter 2011 as being equal to 100; with 'all ages' 14 to 99, as a comparison.

Chart 35a reveals the highest rates of annual average monthly employment change for both hospital males and females of ages 65 to 99 as over 93.4 percent and 48 percent, respectively, while Chart 34f displays second highest rate of hospital males in ages 55 to 64 as 5.8 percent, over the 10 years of analysis. Not shown here, but provided in Appendix H, Chart 29a displays the second highest rate of hospital females' employment change rate of 22.6 percent, in ages 19 to 21.

**Chart 34a. Urban Oklahoma: Hospitals Four Quarter Moving Average
Employment
by Ages 55 to 64 by Gender Group**



**Chart 35a. Urban Oklahoma: Hospitals, Four Quarter Moving Average
Employment by Ages 65 to 99 by Gender Group**

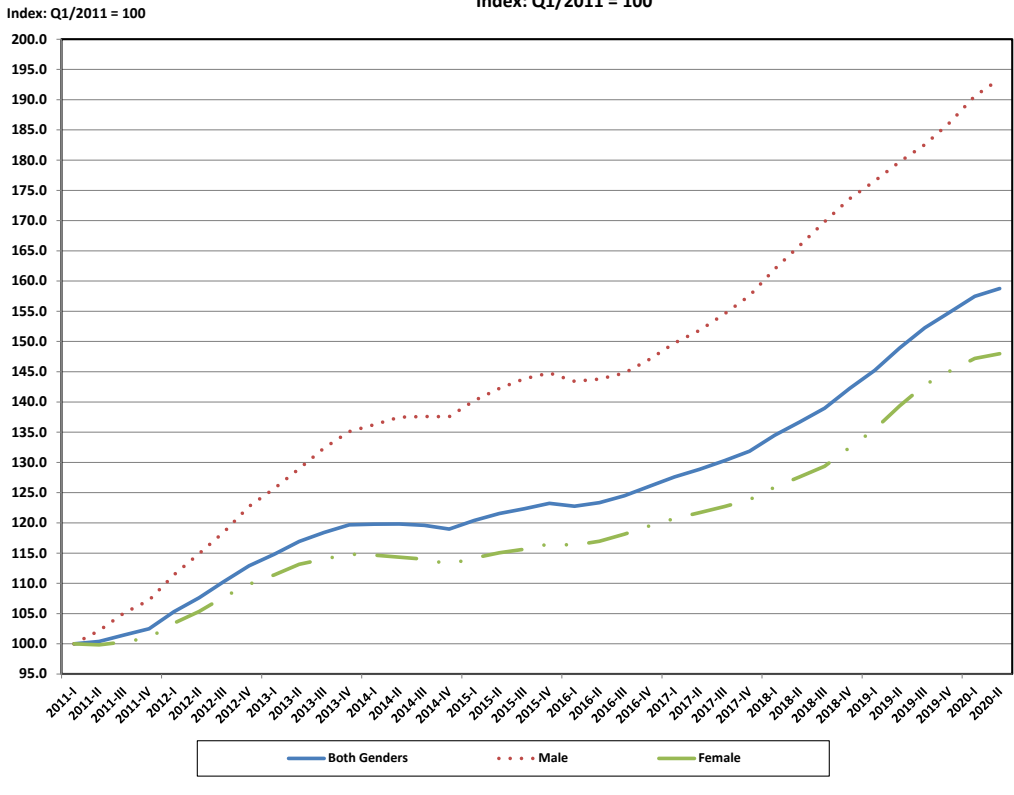


Table 15e exhibits urban Oklahoma nursing and residential care facilities annual average monthly employment for males by age group. Below it, Table 16e displays the same for females. In year 2021 females all ages 14 to 99 years employment is 3.8 times that of males. In that same year, both males and females in ages 35 to 44 have the largest employment, with ages 25 to 34 displaying the second largest employment. Both males Females have their first and second largest employment amount increases in age groups 65 to 99 and ages 55 to 64, respectively, over the decade of surveillance.

**Table 15e. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	4,369	82	244	325	1,067	970	866	595	216
2013	4,254	83	223	315	1,003	913	867	620	227
2014	4,289	75	206	326	1,036	878	885	631	250
2015	4,464	66	191	307	1,079	960	907	682	269
2016	4,488	74	165	270	1,090	954	923	719	289
2017	4,359	64	182	254	1,044	922	857	720	313
2018	4,105	54	184	220	947	893	798	689	316
2019	4,105	58	208	214	901	909	796	690	327
2020	3,874	57	194	216	849	843	774	621	316
2021	3,839	45	204	208	820	843	766	625	328
2012 - 2021	-530	-37	-40	-117	-247	-127	-100	30	112

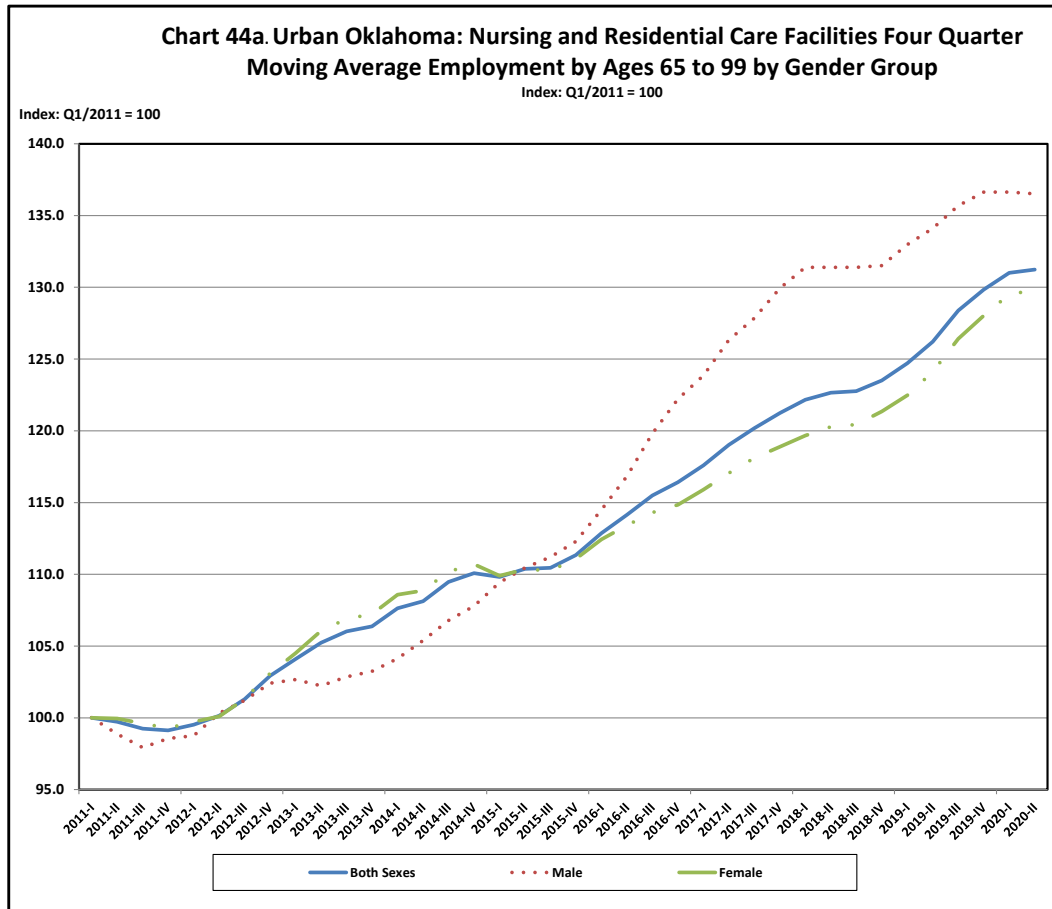
Note: Using Beginning of Quarter Employment Counts.

**Table 16e. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	15,492	186	879	1,191	3,863	3,284	3,147	2,190	749
2013	15,343	188	852	1,164	3,861	3,286	3,014	2,203	772
2014	15,496	188	769	1,176	3,883	3,360	3,078	2,226	813
2015	15,798	195	756	1,157	3,964	3,514	3,052	2,314	844
2016	16,149	180	738	1,159	4,019	3,655	3,084	2,412	900
2017	16,215	182	793	1,092	3,969	3,710	3,057	2,492	917
2018	15,591	182	765	952	3,764	3,594	2,911	2,473	948
2019	15,800	185	791	953	3,742	3,629	2,984	2,495	1,020
2020	14,950	224	828	905	3,361	3,436	2,847	2,348	997
2021	14,610	219	820	915	3,225	3,342	2,804	2,313	973
2012 - 2021	-882	33	-59	-276	-638	58	-343	123	224

Note: Using Beginning of Quarter Employment Counts.

Chart 44a reveals the highest rates of annual average monthly employment change for both nursing and residential care facilities males and females as ages 65 to 99 of 36.5 percent and 29.8 percent, respectively. Not shown here, but provided in Appendix H, Chart 43a displays the second highest rate of nursing and residential care facilities for male employment change rate of 21.6 percent, in ages 55 to 64, while Chart 37a of ages 14 to 18 provides the second highest for females as 13.1 percent over the 10 years surveyed. The remaining charts for hospital annual averages monthly employment change rates for the five other age groups by gender are also shown in this appendix.



In summary of Section IV, in 2021 males and females in almost all four industries of all industries, ambulatory health care services, hospitals and nursing and residential care facilities have their two largest employments in ages 25 to 34 and ages 35 to 44, except for males in ambulatory health care services, which have its two highest employment age groups in ages 35 to 44 and 45 to 54. Although the ratio of males to females is slightly higher than 1 to 1 in all industries, in all three of the health industries the ration is females to males is greater than 3.5, and greater than 3.8 in nursing and residential care facilities.

In this section, the four industry groups in urban Oklahoma are also explored for employment amount change over the 10-year interval from 2012 to 2021, by gender groups. Both males and females in the industry groups of all industries have their two largest employment change in ages 55 to 64 or in ages 65 to 99. Hospital males have their largest employment increase, and nursing and residential care facilities have their second largest increase in ages 65 to 99. However, females in hospitals and both males and

females in ambulatory health care services have their highest two age groups of employment change in the lower ages.

Four quarter moving average employment is also indexed to 10 for first quarter 2011 and charted for the four industry groups, eight age groups and the aggregate of all ages by gender group. In all four of the industry groups of all industries, ambulatory health care services, hospitals and nursing and residential care facilities their highest rate of change for the three genders are in the oldest age group ages 65 to 99, with the second highest most often either in ages 55 to 64 or one of the six younger age groups.

V. Earnings and Earnings Change by Age Group and Gender Group

A subject frequently mentioned in connection to earnings is the lower earnings of women, as compared to their male counterparts. Since both traditionally and historically, the health industry employs more females, then males, comparison of the earnings of each, in all industry and the health industry has merit.

**Table 6f. Urban Oklahoma: All Industries
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$4,285	\$613	\$1,257	\$1,971	\$3,331	\$4,670	\$5,482	\$5,942	\$4,405
2013	\$4,323	\$608	\$1,293	\$2,006	\$3,406	\$4,764	\$5,499	\$5,949	\$4,418
2014	\$4,456	\$622	\$1,328	\$2,070	\$3,547	\$4,919	\$5,658	\$6,105	\$4,527
2015	\$4,496	\$630	\$1,317	\$2,086	\$3,588	\$5,004	\$5,661	\$6,148	\$4,663
2016	\$4,409	\$629	\$1,304	\$2,080	\$3,491	\$4,932	\$5,544	\$5,907	\$4,553
2017	\$4,542	\$635	\$1,340	\$2,148	\$3,596	\$5,090	\$5,696	\$6,029	\$4,722
2018	\$4,705	\$678	\$1,449	\$2,300	\$3,762	\$5,279	\$5,859	\$6,234	\$4,830
2019	\$4,828	\$714	\$1,537	\$2,344	\$3,834	\$5,440	\$6,073	\$6,369	\$4,974
2020	\$4,907	\$783	\$1,553	\$2,357	\$3,833	\$5,534	\$6,187	\$6,491	\$5,080
2021	\$4,836	\$745	\$1,421	\$2,194	\$3,641	\$5,479	\$6,263	\$6,489	\$5,073
2012 - 2021	\$551	\$132	\$164	\$223	\$310	\$809	\$781	\$547	\$668

Note: Using Beginning of Quarter Employment Counts.

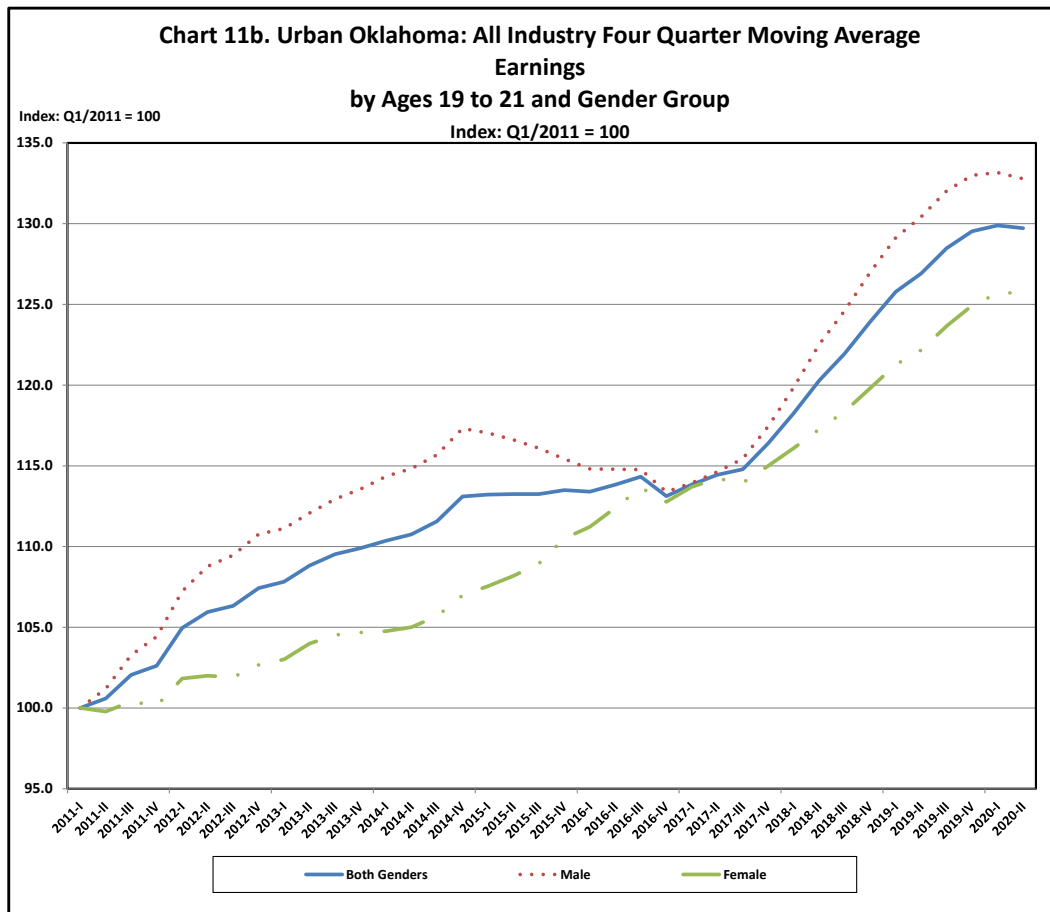
Table 6f displays that in 2021, all industry males have the highest earnings in ages 55 to 64, with \$6,489 annual average monthly earnings; followed by the second highest in ages 45 to 54 of \$6,263 annual average monthly earnings. The table shows that males experienced the largest amounts of earnings increases in ages 35 to 44 and their second largest in ages 45 to 54, over the decade of study.

On the next page, Table 7f shows that in 2021 all industry females have the highest earnings in the ages 45 to 54, with \$3,953 annual average monthly earnings; followed by the second highest in ages 55 to 64 of \$3,849 annual average monthly earnings. The table shows that females in age groups ages 45 to 54 have the largest earnings change, and in ages 35 to 44 have their second largest earnings change, over the 10 years of observation.

Table 7f. Urban Oklahoma: All Industries
Annual Average Monthly Earnings for Females by Age Group

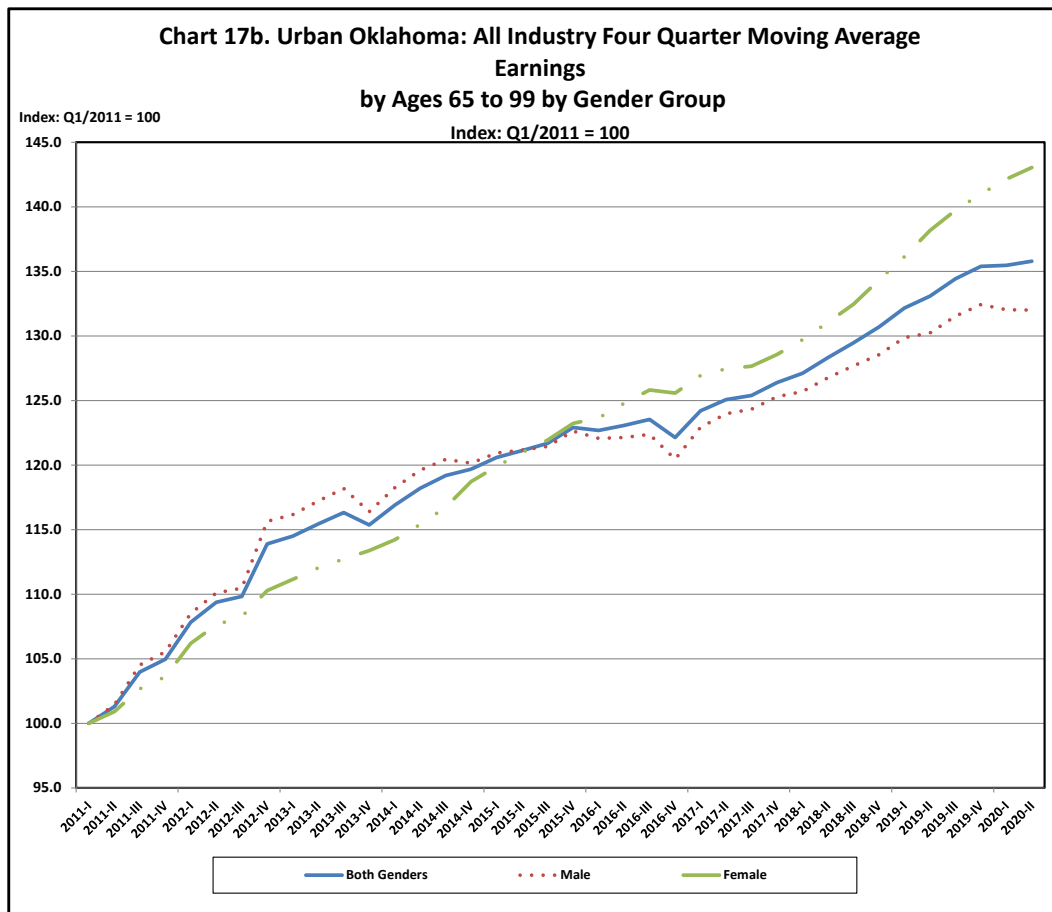
Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$2,599	\$539	\$927	\$1,518	\$2,378	\$2,943	\$3,165	\$3,173	\$2,200
2013	\$2,652	\$537	\$939	\$1,547	\$2,430	\$3,016	\$3,223	\$3,263	\$2,265
2014	\$2,731	\$544	\$959	\$1,551	\$2,518	\$3,113	\$3,320	\$3,371	\$2,364
2015	\$2,820	\$564	\$996	\$1,616	\$2,602	\$3,222	\$3,429	\$3,483	\$2,466
2016	\$2,828	\$563	\$1,015	\$1,630	\$2,600	\$3,224	\$3,430	\$3,469	\$2,512
2017	\$2,888	\$567	\$1,028	\$1,668	\$2,633	\$3,311	\$3,519	\$3,519	\$2,563
2018	\$2,972	\$593	\$1,075	\$1,746	\$2,705	\$3,400	\$3,634	\$3,620	\$2,663
2019	\$3,103	\$617	\$1,124	\$1,831	\$2,812	\$3,566	\$3,808	\$3,771	\$2,792
2020	\$3,244	\$690	\$1,169	\$1,881	\$2,933	\$3,735	\$3,973	\$3,935	\$2,954
2021	\$3,169	\$669	\$1,104	\$1,788	\$2,848	\$3,696	\$3,953	\$3,849	\$2,900
2012 - 2021	\$570	\$130	\$177	\$270	\$470	\$753	\$788	\$676	\$700

Note: Using Beginning of Quarter Employment Counts.



At the bottom of the previous page, Chart 11b illustrates all industry earnings change for ages 19 to 21 by gender group; while below Chart 17b does the same for age group 65 to 99, as indexed to 1st quarter 2011 as being equal to 100; with all ages (14 to 99) as a comparison.

Chart 11b show the highest rate of earnings change for male in ages 19 to 21 as 32.8 percent, while Chart 17b shows female highest rate of earnings change in ages 65 to 99 as 43.0 percent, and also shows male second highest rate of earnings change in the same age group as 32.0 percent. Not shown but shown at the end of this report in Appendix H, Chart 14b reveals the second highest earnings rate of change for females as 29.2 percent, in ages 35 to 44.



On the next page, Table 9f shows urban Oklahoma ambulatory health care services annual average monthly earnings for males by age group; while below it, Table 10f does the same for females. In 2021, males have the largest earnings in ages 55 to 64, and second-largest earnings in ages 45 to 54. Females have their largest earnings in in ages 45 to 54, and second largest in 35 to 44. The largest male earnings are over three times larger than the largest female rank earnings and the second largest male earnings are over 2.7 times their female counterpart earnings. The earnings change over the decade are the largest in age group ages 65 to 99 for both male and females. Ambulatory health care services earnings for males decreased in age group ages 45 to 55 and ages 55 to 64, over the 10 years surveyed.

**Table 9f. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$9,690	\$791	\$1,287	\$1,723	\$4,665	\$10,869	\$12,552	\$13,509	\$8,673
2013	\$9,537	\$847	\$1,393	\$1,823	\$4,730	\$10,710	\$12,352	\$13,064	\$8,975
2014	\$9,866	\$931	\$1,189	\$1,800	\$5,086	\$11,045	\$12,640	\$13,086	\$9,419
2015	\$10,040	\$626	\$1,310	\$1,904	\$5,287	\$11,301	\$12,700	\$13,209	\$10,093
2016	\$10,315	\$627	\$1,364	\$1,934	\$5,466	\$11,733	\$12,745	\$13,593	\$10,618
2017	\$10,511	\$608	\$1,474	\$1,908	\$5,690	\$11,859	\$12,883	\$14,052	\$10,688
2018	\$10,603	\$693	\$1,430	\$1,972	\$5,510	\$12,193	\$12,947	\$14,041	\$10,782
2019	\$10,849	\$751	\$1,519	\$2,014	\$5,689	\$12,368	\$13,279	\$14,441	\$11,072
2020	\$10,965	\$914	\$1,511	\$2,201	\$5,680	\$12,273	\$13,614	\$14,583	\$11,196
2021	\$9,752	\$837	\$1,469	\$2,251	\$5,220	\$11,251	\$12,084	\$12,757	\$9,851
2012 - 2021	\$62	\$46	\$182	\$528	\$555	\$382	-\$468	-\$752	\$1,178

Note: Using Beginning of Quarter Employment Counts.

**Table 10f. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$2,914	\$632	\$1,131	\$1,622	\$2,560	\$3,258	\$3,379	\$3,298	\$2,106
2013	\$3,061	\$634	\$1,187	\$1,701	\$2,708	\$3,424	\$3,541	\$3,457	\$2,312
2014	\$3,244	\$653	\$1,244	\$1,754	\$2,824	\$3,682	\$3,692	\$3,708	\$2,578
2015	\$3,381	\$685	\$1,295	\$1,847	\$2,931	\$3,880	\$3,876	\$3,823	\$2,750
2016	\$3,453	\$635	\$1,316	\$1,848	\$3,030	\$3,961	\$3,973	\$3,856	\$2,809
2017	\$3,571	\$750	\$1,306	\$1,847	\$3,127	\$4,112	\$4,158	\$3,901	\$2,943
2018	\$3,634	\$852	\$1,342	\$1,925	\$3,162	\$4,140	\$4,262	\$3,996	\$3,069
2019	\$3,739	\$888	\$1,379	\$1,945	\$3,205	\$4,382	\$4,349	\$4,107	\$3,191
2020	\$3,848	\$933	\$1,438	\$2,001	\$3,224	\$4,509	\$4,474	\$4,295	\$3,411
2021	\$3,561	\$926	\$1,361	\$1,918	\$3,060	\$4,144	\$4,190	\$3,915	\$3,109
2012 - 2021	\$647	\$294	\$230	\$296	\$500	\$886	\$811	\$617	\$1,003

Note: Using Beginning of Quarter Employment Counts.

At the top of the next page, Chart 20b shows urban Oklahoma ambulatory health care services earnings change rates for ages 19 to 21, as the largest in amount of change for males, and Chart 26b at the bottom of the next page shows the change rates for ages 65 to 99 as the largest earnings change in the eight age groups for females as indexed to 1st quarter 2011 equal to 100. In ages 65 to 99 female earnings changed over 81 percent the largest for the eight age groups. The charts for the other six age groups may be viewed in Appendix H at the end of this report.

Chart 20b. Urban Oklahoma: Ambulatory Health Care Services Four Quarter Moving Average Earnings by Ages 19 to 21 and Gender Group

Index: Q1/2011 = 100

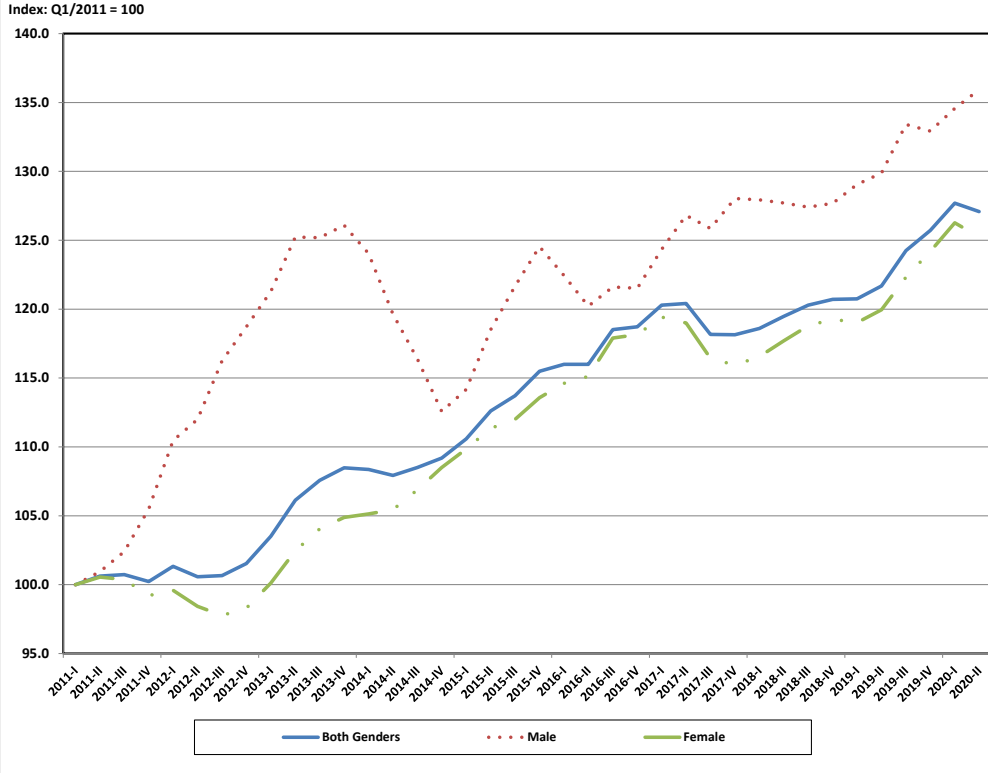


Chart 26b. Urban Oklahoma: Ambulatory Health Care Services Four Quarter Moving Average Earnings for Ages 65 to 99 by Gender Group

Index: Q1/2011 = 100

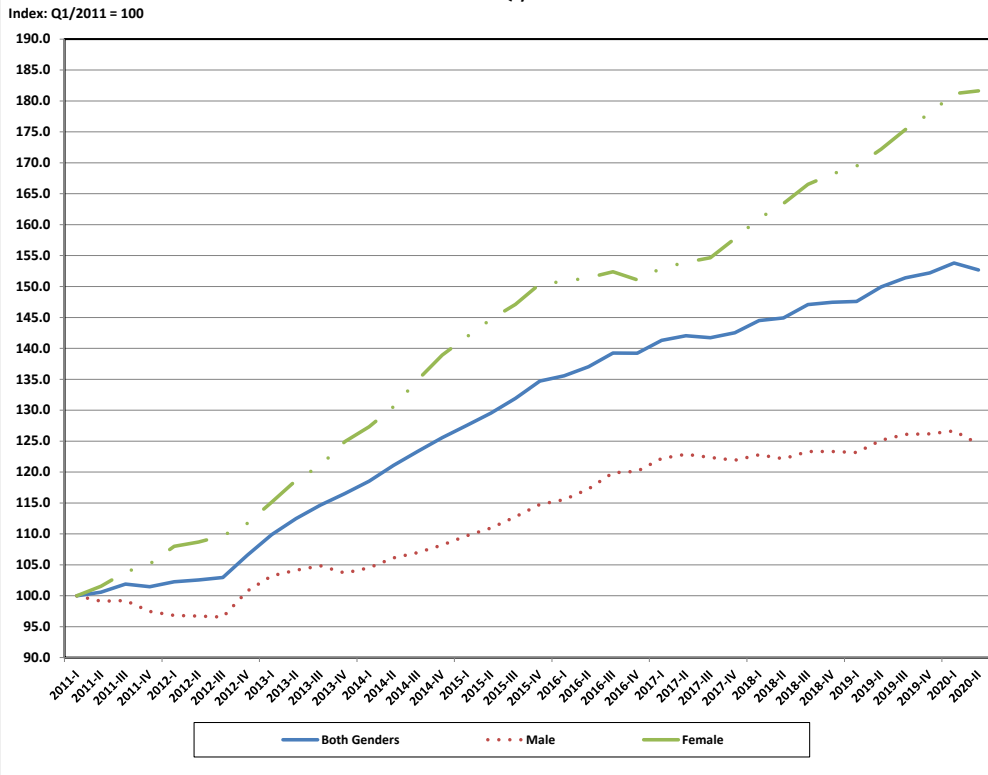


Table 12f shows the urban Oklahoma hospitals average annual earnings for males by age group, and below it, Table 13f shows the same for females. Note that the yellow shaded cells indicate Aggregate of cells not released because component cells do not meet U.S. Census Bureau publication standards.

**Table 12f. Urban Oklahoma: Hospitals
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$4,946	\$842	\$1,279	\$1,835	\$3,211	\$5,422	\$5,654	\$6,543	\$7,244
2013	\$5,128	\$866	\$1,302	\$1,812	\$3,415	\$5,681	\$5,891	\$6,500	\$7,384
2014	\$5,332	\$719	\$1,349	\$1,904	\$3,499	\$5,813	\$6,118	\$6,743	\$8,067
2015	\$5,645	\$943	\$1,472	\$2,215	\$3,783	\$6,125	\$6,492	\$7,320	\$7,577
2016	\$5,286	\$933	\$1,452	\$2,217	\$3,709	\$5,809	\$6,002	\$6,639	\$6,767
2017	\$5,400	\$915	\$1,457	\$2,101	\$3,751	\$5,961	\$6,108	\$6,647	\$7,209
2018	\$5,631	\$928	\$1,524	\$2,123	\$3,858	\$6,254	\$6,566	\$6,811	\$6,905
2019	\$6,055	\$1,109	\$1,504	\$2,302	\$4,114	\$6,823	\$7,251	\$7,053	\$7,306
2020	\$6,171		\$1,563	\$2,330	\$4,256	\$7,029	\$7,536	\$6,830	\$7,373
2021	\$6,186		\$1,646	\$2,319	\$4,248	\$7,129	\$7,549	\$6,670	\$7,476
2012 - 2021	\$1,240		\$367	\$484	\$1,037	\$1,707	\$1,895	\$127	\$232

Note: Using Beginning of Quarter Employment Counts.

Aggregate of cells not released because component cells do not meet U.S. Census Bureau publication standards

**Table 13f. Urban Oklahoma: Hospitals
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$3,292	\$1,020	\$1,274	\$2,112	\$2,862	\$3,490	\$3,704	\$3,830	\$2,839
2013	\$3,384	\$800	\$1,276	\$2,108	\$2,928	\$3,596	\$3,810	\$3,978	\$2,988
2014	\$3,500	\$949	\$1,295	\$2,206	\$3,044	\$3,710	\$3,941	\$4,104	\$3,081
2015	\$3,770	\$988	\$1,428	\$2,383	\$3,277	\$3,981	\$4,237	\$4,414	\$3,425
2016	\$3,757	\$1,024	\$1,444	\$2,380	\$3,294	\$3,935	\$4,243	\$4,374	\$3,526
2017	\$3,836	\$1,229	\$1,406	\$2,384	\$3,323	\$4,065	\$4,375	\$4,462	\$3,586
2018	\$3,951	\$1,134	\$1,436	\$2,466	\$3,401	\$4,195	\$4,524	\$4,582	\$3,733
2019	\$4,174	\$1,460	\$1,524	\$2,708	\$3,629	\$4,439	\$4,775	\$4,775	\$3,901
2020	\$4,211	\$1,389	\$1,588	\$2,771	\$3,666	\$4,511	\$4,825	\$4,768	\$3,951
2021	\$4,161	\$1,351	\$1,592	\$2,763	\$3,626	\$4,490	\$4,798	\$4,676	\$3,952
2012 - 2021	\$869	\$331	\$318	\$651	\$764	\$1,000	\$1,094	\$846	\$1,113

Note: Using Beginning of Quarter Employment Counts.

Males have the highest 2021 earnings in ages 45 to 54 and their second highest hospital earnings in ages 65 to 99. In 2021, male hospital earnings in ‘all ages’ (14 to 99) is over one-and-a-half times that of females in that age group. Females have their highest 2021 earnings in age 45 to 54 years and second highest in 55 to 64.

These two tables display that the amount of male hospital earnings change from 2012 to 2021 is highest in ages 45 to 54 and second highest in ages 35 to 44; while female hospital earnings amount of change is highest in ages 65 to 99 and second highest in ages 45 to 54, over the decade.

Chart 33b. Urban Oklahoma: Hospitals Four Quarter Moving Average Earnings by Ages 45 to 54 and Gender Group

Index: Q1/2011 = 100

Index: Q1/2011 = 100

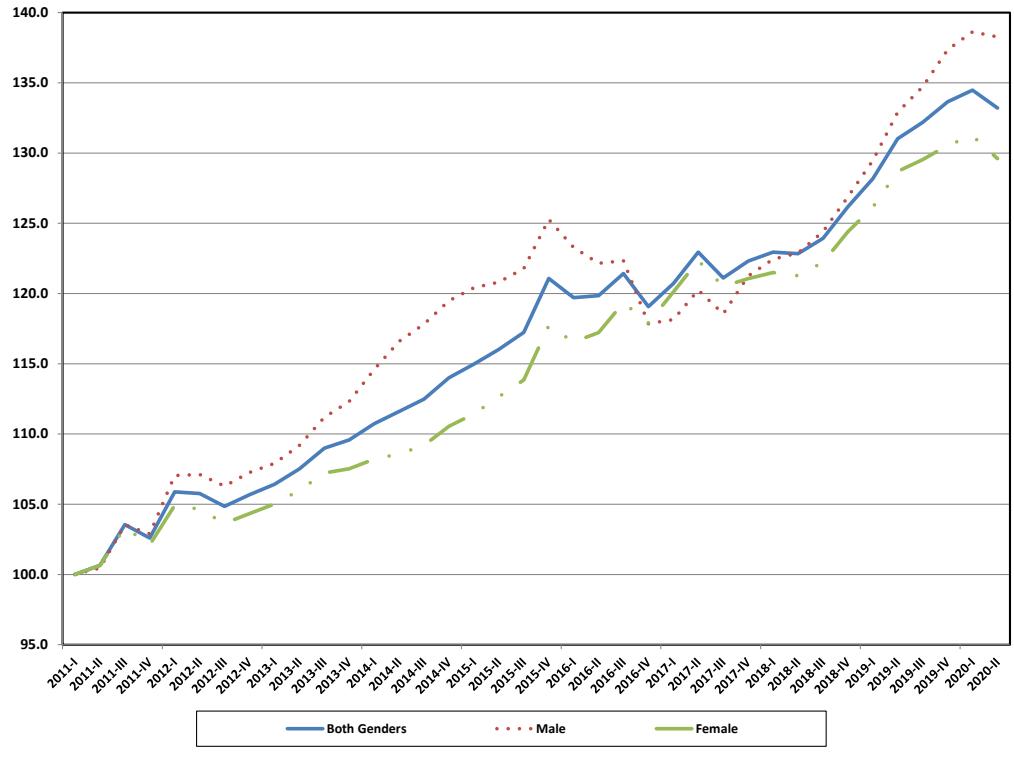
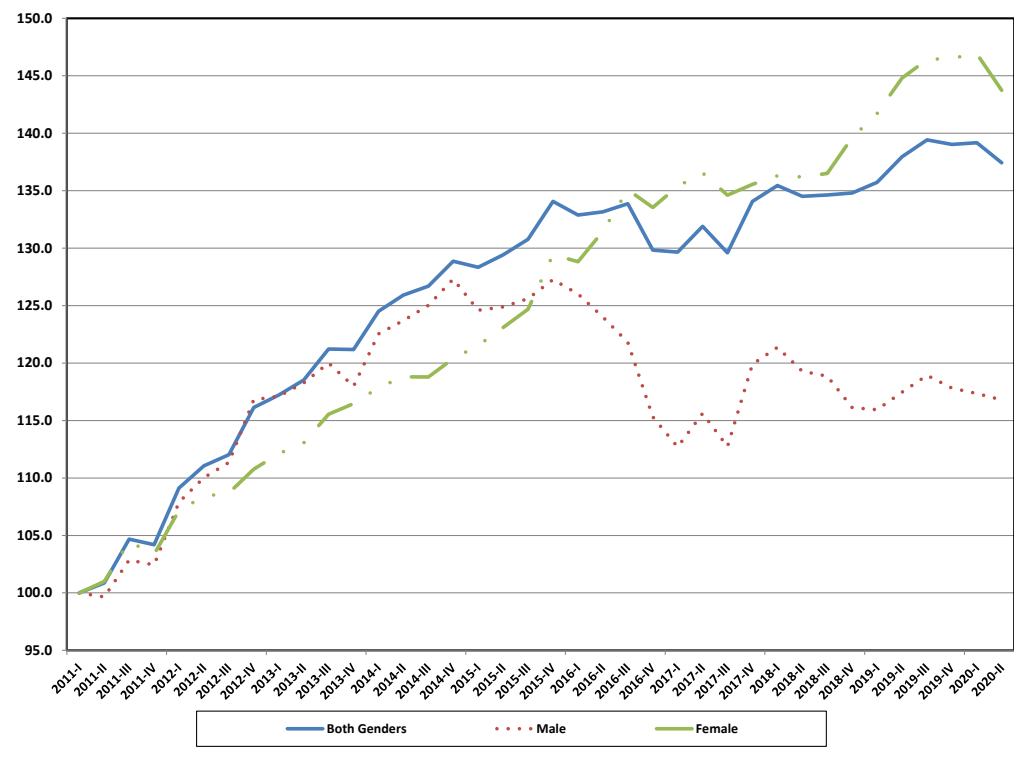


Chart 35b. Urban Oklahoma: Hospitals Four Quarter Moving Average Earnings by Ages 65 to 99 by Gender Group

Index: Q1/2011 = 100

Index: Q1/2011 = 100



At the top of the previous page, Chart 33b shows Oklahoma urban hospitals earnings change rate for ages 45 to 54 by gender group, the age group with the highest rate of change for males. Below on this same page, Chart 35b does the same for ages 65 to 99, showing the highest urban hospital earnings rate of change for females, as that age group. Chart 33b displays that male hospital earnings increased over 38 percent and female hospital earnings increased over 29.6 percent in ages 45 to 54. Chart 35b displays that male hospital earnings increased almost 16.8 percent and female hospital earnings increased nearly 43.7 percent in ages 65 to 99, from year 2011 to 2020. The remaining 6 age groups may be viewed in Appendix H, at the end of this report.

**Table 15f. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$2,111	\$631	\$1,006	\$1,345	\$1,783	\$2,333	\$2,502	\$2,852	\$2,127
2013	\$2,104	\$706	\$1,023	\$1,311	\$1,822	\$2,263	\$2,502	\$2,759	\$2,135
2014	\$2,181	\$684	\$1,093	\$1,356	\$1,865	\$2,314	\$2,620	\$2,850	\$2,225
2015	\$2,316	\$697	\$1,113	\$1,391	\$1,981	\$2,455	\$2,781	\$2,948	\$2,305
2016	\$2,319	\$729	\$1,122	\$1,356	\$1,998	\$2,416	\$2,838	\$2,832	\$2,289
2017	\$2,320	\$688	\$1,217	\$1,395	\$1,968	\$2,459	\$2,819	\$2,781	\$2,388
2018	\$2,366	\$765	\$1,282	\$1,394	\$2,046	\$2,506	\$2,904	\$2,680	\$2,464
2019	\$2,471	\$794	\$1,274	\$1,546	\$2,130	\$2,644	\$3,000	\$2,814	\$2,593
2020	\$2,692	\$1,008	\$1,396	\$1,689	\$2,307	\$2,938	\$3,199	\$3,165	\$2,690
2021	\$2,786	\$1,139	\$1,357	\$1,812	\$2,341	\$2,855	\$3,736	\$3,133	\$2,563
2012 - 2021	\$675	\$508	\$351	\$467	\$558	\$522	\$1,234	\$281	\$436

Note: Using Beginning of Quarter Employment Counts.

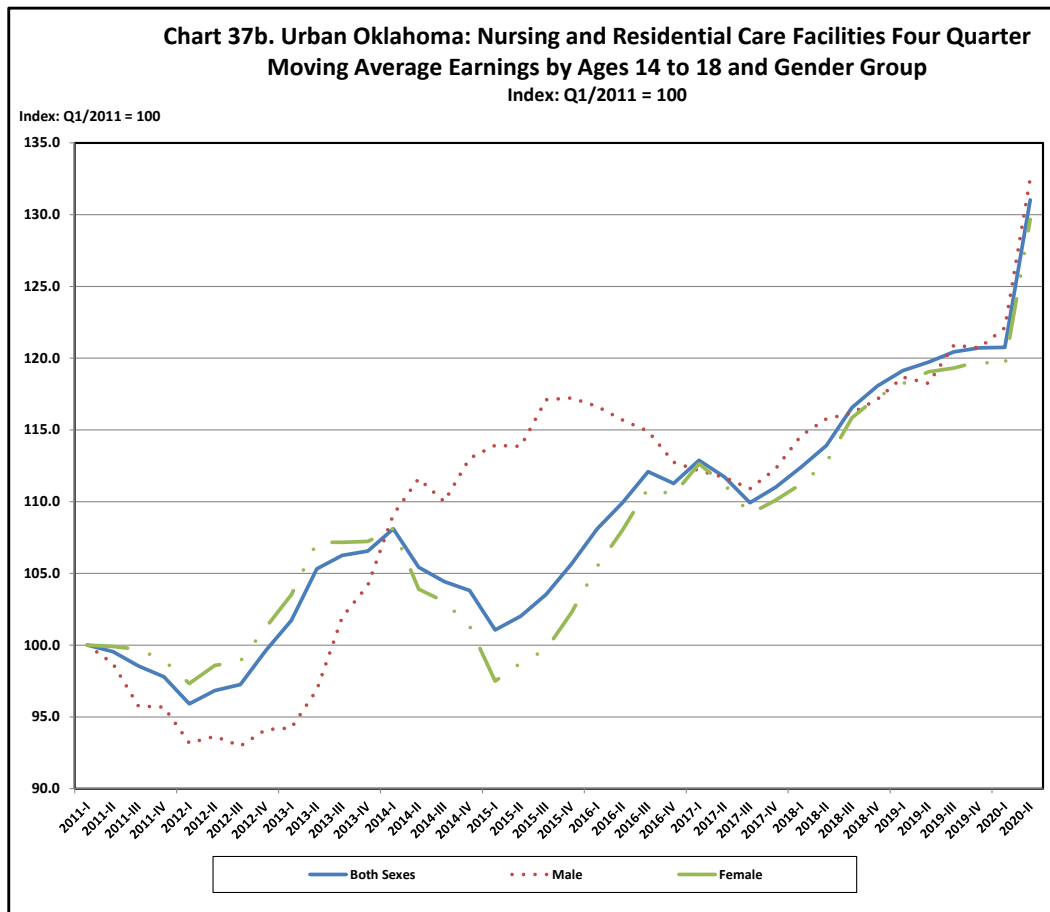
Table 15f displays urban Oklahoma nursing and residential care facilities average annual earnings for males by age group and on the next page Table 16f does the same for urban females. Both males and females have their highest 2021 earnings in ages 45 to 54 and their second highest earnings in ages 55 to 64.

Observing the amount of earnings change over the 10 years, males have their highest amount of earnings change in ages 45 to 54, and their second highest amount of change in ages 65 to 99; while females have their largest amount of earnings change in age group ages 45 to 54 and their second largest earnings change in ages 35 to ages 44. In ‘all ages’ (14 to 99) the ratio of males to female to male earnings in this industry is over a little over 1 to 1.

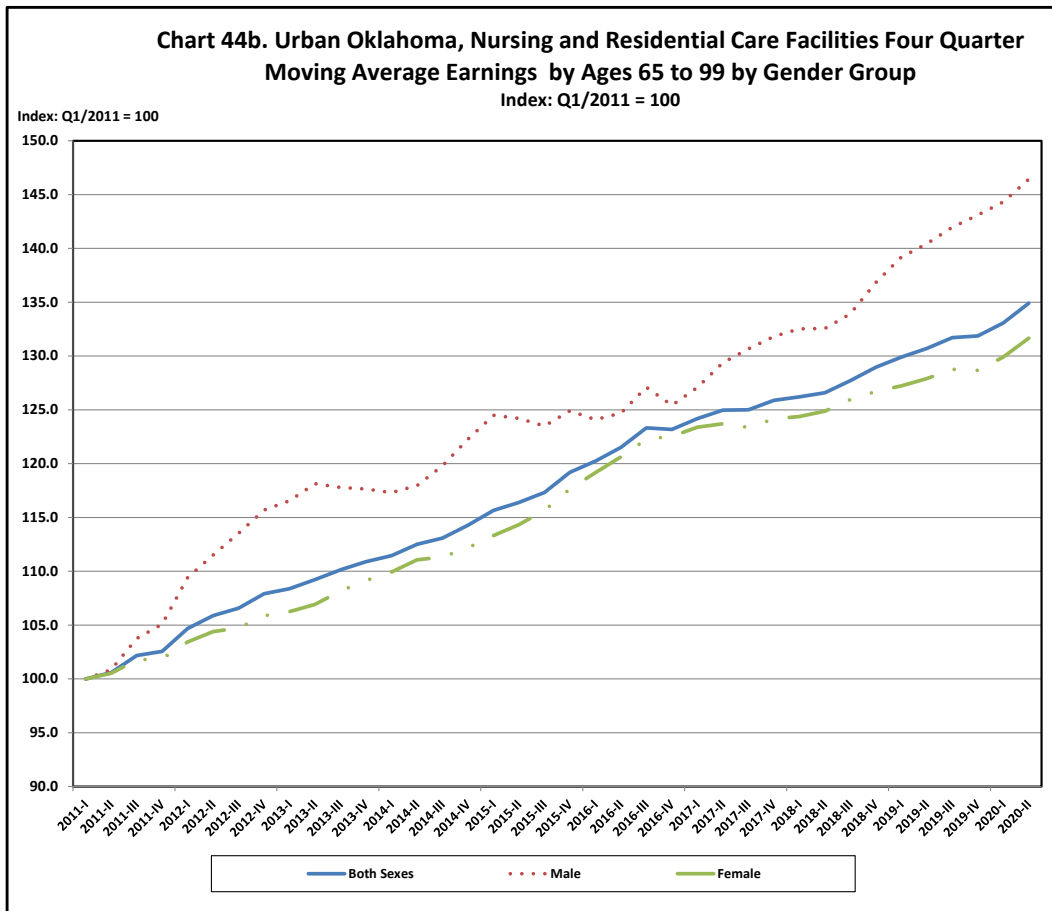
**Table 16f. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2012	\$2,006	\$775	\$1,087	\$1,373	\$1,802	\$2,236	\$2,307	\$2,434	\$1,930
2013	\$2,033	\$780	\$1,114	\$1,366	\$1,815	\$2,270	\$2,359	\$2,433	\$2,024
2014	\$2,089	\$771	\$1,126	\$1,388	\$1,863	\$2,316	\$2,436	\$2,475	\$2,094
2015	\$2,151	\$759	\$1,133	\$1,381	\$1,925	\$2,349	\$2,545	\$2,554	\$2,139
2016	\$2,171	\$844	\$1,197	\$1,383	\$1,903	\$2,358	\$2,555	\$2,616	\$2,176
2017	\$2,199	\$839	\$1,197	\$1,453	\$1,930	\$2,410	\$2,569	\$2,613	\$2,169
2018	\$2,267	\$984	\$1,271	\$1,508	\$1,994	\$2,465	\$2,626	\$2,658	\$2,284
2019	\$2,332	\$942	\$1,295	\$1,551	\$2,038	\$2,551	\$2,725	\$2,717	\$2,308
2020	\$2,568	\$1,147	\$1,450	\$1,728	\$2,245	\$2,835	\$3,040	\$2,964	\$2,448
2021	\$2,595	\$1,136	\$1,433	\$1,719	\$2,218	\$2,917	\$3,119	\$2,975	\$2,439
2012 - 2021	\$589	\$361	\$346	\$346	\$416	\$681	\$812	\$541	\$509

Note: Using Beginning of Quarter Employment Counts.



On the previous page, Chart 37b illustrates urban Oklahoma nursing and residential care facilities average earnings change for ages 14 to 18, by gender group. Below, Chart 44b displays the same for ages 65 to 99. Of the eight age groups, Chart 44b shows the highest change for both males and females, at 46.4 percent, and 31.7 percent, respectively. Chart 37b displays the second highest rate of earnings change for both males and females, of over 32.5 percent and 29.7 percent, respectively. Not shown here but shown in Appendix H at the end of this report are this same industry's charts for the other six age groups, exhibiting the earning change rated for both males and females, over the 10 years of observation.



In summary of Section V, in 2021 both males and females in all industry, and nursing and residential care facilities have their two largest earnings in ages 45 to 54 and ages 55 to 64, with males in ambulatory health care services and females in hospitals also having their two largest annual average monthly earnings in these same two age groups. However ambulatory health care services females have their two largest earnings groups in earnings in ages 35 to 44 and in ages 45 to 54, and males in hospitals have their two largest earnings groups in earnings in ages 45 to 54 and 65 to 99, over the 10 years of surveillance.

The ratio of genders earnings in 2021 is 1.5 males to females in all industries, 2.7 in ambulatory health care services, and 1.5 males to females in hospital. In nursing and residential care facilities male earnings is 1.1 to that of females, the only industry where females earning approach that of males.

In this section, the four industry groups in urban Oklahoma are also explored for earnings amount change

over the 10-year interval from 2012 to 2021, by gender groups. Both males and females in all industries, experienced their largest earnings change in age group 35 to 44 and 45 to 54, with males in hospitals doing the same. Both males and females in ambulatory health care services have their largest earnings change in age group 65 to 99, as does females in hospitals, with males in nursing and residential care facilities having their second largest earnings change in the latter age group, over the 10 years of observations.

Urban Oklahoma four-quarter moving average earnings change rates are also calculated and charted for the four industry groups for each of the eight age groups and for the aggregate of all ages by gender group, over the 10 years of analysis. In all four industry groups females have their oldest of the eight age groups experiencing the largest earnings rates of change. Females have their second largest earnings change in ages 14 to 18 in the three health industry groups, with females in industries having its second largest earnings change in ages 35 to 44.

Earnings charted change rate over the 10 years of observation for urban males determined that they also have their largest earnings change in ages 65 to 99 in nursing and residential care facilities, but for all industries and ambulatory health care services males largest earnings change is ages 19 to 21 and for hospitals males largest earnings change is ages 45 to 54. The second largest earnings change for males in all industries is ages 65 to 99, for males in ambulatory health care services is ages 45 to 54, for males in hospitals the second largest age group rate of change is in ages 35 to 44 and for males in nursing and residential care facilities the second largest earnings change rate is in age group ages 14 to 18.

VI. Summary of Major Findings and Conclusions

There are four major findings in this analysis of urban Oklahoma health industry and all industry and employment and employment change:

First, in the three industry groups of all industries, hospitals, and nursing and residential care facilities looking at the three gender groups and the eight age groups the two age groups highest in 2021 employment are in ages 25 to 34 and 35 to 44. These same age groups are highest for both genders and females in ambulatory health care services. However, males in ambulatory health care services have their highest employment in ages 35 to 44 and 45 to 54.

Second, the two health industry groups of ambulatory health care services and hospitals for both genders, males and females have either their largest or second largest employment change in age group 35 to 44; while the same three gender groups have either their largest and second largest employment change in all industries and nursing and residential care facilities in the two oldest age groups of 65 to 99 and 55 to 64, respectively.

Third, and likely the most important employment finding in this analysis in urban Oklahoma of the eight age groups in both genders, males, and females: in the three health industries the age group with the largest employment rate of change is ages 65 to 99, with males' rate of change higher than that of females.

Fourth, while the ratio of males to female employment in all industries is almost 1 to 1, in the three health industries, the ration of females to males' range is 3.5 to 3.8 ratios.

There are also four major findings in this analysis of urban Oklahoma health industry and all industry and earnings and earnings change:

First, in the four industry groups and the three gender groups the two age groups with the largest 2021 earnings are most often ages 45 to 54 and 55 to 65. The two exceptions to this are females in ambulatory health care services and males in hospitals that have only their largest 2021 earnings in the one of these two age groups, that of ages 45 to 54.

Second, in the four industry groups examined the most common age group for the three gender groups to have one of their two largest 2012 to 2021 10 year earning change is ages 45 to 54, with the two exceptions of males and females in ambulatory health care services.

Third of the eight age groups in both gender, males, and females the age group with the largest or second largest earnings rate of change most often is in ages 65 to 99. The exceptions are males in all industries, and hospitals.

Fourth, the ratio of male to female industry earnings in year 2021 is 1.5 to 1 in all industries, 2.7 in ambulatory health care services, 1.5 in hospitals and 1.1 to 1 in nursing and residential care facilities.

This analysis and the findings allow three conclusions.

First, urban Oklahoma female health industry group employment outnumbering male employment will likely continue for some time into the future, as indicated by their current larger than male ratio in all three health industry groups, even with the male employment change rate higher than female in the three health industry groups.

Second, females' traditionally lower than males' earnings have the probability of reaching earnings parity at varying rates in each of the three-health industry groups; as indicated by the huge in difference in male to female earnings in ambulatory health care services, and hospitals, and the near parity in male to female earnings in nursing and residential care facilities; as modified by the rapid changing rate for females in ambulatory health care services, the relative low earnings change rates for females in hospitals and the lower earnings change rates for females compared to that of males in nursing and residential care facilities.

Third, urban Oklahoma health industry staffing, which has historically been problematic and presently still is the case, likely will increasingly be so in the future, as indicated by both gender's employment more rapid increase in the older two age groups and relatively lower employment 10-year increase in some of the three health groups four younger age groups.

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Appendix A: Urban Oklahoma Employment Tables by Industry Group and Age Group

**Table 1e. Urban Oklahoma: All Industries
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	942,036	39,009	59,748	62,960	213,420	237,581	205,227	96,500	27,589
2002	924,058	35,077	58,024	62,456	208,290	227,147	203,112	101,320	28,629
2003	898,158	31,039	54,757	61,630	201,170	215,213	201,000	103,958	29,390
2004	910,941	29,913	53,857	63,097	202,118	213,116	207,189	110,461	31,188
2005	931,568	30,201	54,768	65,113	206,065	212,668	213,079	116,310	33,361
2006	951,201	31,933	55,084	65,858	209,295	212,944	217,744	122,398	35,942
2007	968,810	32,332	54,376	66,037	215,327	212,265	221,050	128,942	38,479
2008	988,437	32,570	53,465	65,844	222,418	211,892	225,236	135,746	41,264
2009	957,150	27,278	49,295	61,512	217,445	202,935	218,597	137,807	42,279
2010	939,382	22,446	47,625	58,898	215,437	198,764	213,092	140,204	42,912
2011	956,996	22,184	49,062	59,052	221,487	201,670	212,271	146,190	45,077
2012	981,565	23,125	49,971	61,909	227,986	206,518	211,060	151,538	49,456
2013	998,781	23,621	50,984	64,543	234,073	209,376	208,139	155,841	52,201
2014	1,017,433	25,092	51,275	66,504	238,411	212,924	207,455	160,456	55,314
2015	1,033,207	27,339	51,670	66,580	241,561	216,491	206,785	164,800	57,977
2016	1,020,559	27,304	49,740	63,482	236,569	215,238	203,102	165,523	59,597
2017	1,021,339	26,805	50,533	61,541	234,411	217,988	200,461	167,733	61,864
2001 - 2017	79,303	-12,204	-9,215	-1,419	20,991	-19,593	-4,766	71,233	34,275

Note: Using Beginning of Quarter Employment Counts.

Appendix A: Urban Oklahoma Employment Tables by Industry Group and Age Group

**Table 2e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	37,206	473	1,417	2,149	8,986	9,874	9,115	3,940	1,249
2002	38,106	438	1,457	2,194	9,184	9,837	9,329	4,370	1,293
2003	39,751	399	1,404	2,328	9,557	10,089	9,729	4,839	1,404
2004	40,722	341	1,296	2,361	9,951	10,260	9,959	5,143	1,408
2005	41,239	325	1,258	2,390	9,886	10,264	10,209	5,425	1,479
2006	42,477	322	1,247	2,477	10,049	10,519	10,498	5,789	1,575
2007	44,086	312	1,302	2,524	10,531	10,735	10,703	6,238	1,738
2008	45,763	313	1,292	2,468	11,124	10,989	10,957	6,667	1,950
2009	45,924	269	1,257	2,404	11,373	11,052	10,696	6,905	1,966
2010	47,137	233	1,153	2,417	11,693	11,442	10,751	7,347	2,097
2011	49,516	217	1,135	2,393	12,352	12,005	11,136	7,984	2,292
2012	49,846	222	1,095	2,476	12,365	12,256	10,776	8,136	2,517
2013	49,768	213	1,108	2,501	12,569	12,303	10,444	8,060	2,567
2014	51,305	189	1,100	2,545	13,013	12,806	10,685	8,279	2,686
2015	53,540	188	1,268	2,668	13,640	13,301	10,997	8,583	2,890
2016	54,278	181	1,260	2,660	13,953	13,512	11,100	8,594	3,015
2017	54,661	184	1,257	2,623	13,862	13,806	11,093	8,617	3,215
2001 - 2017	17,455	-289	-160	474	4,876	3,932	1,978	4,677	1,966

Note: Using Beginning of Quarter Employment Counts.

Appendix A: Urban Oklahoma Employment Tables by Industry Group and Age Group

**Table 3e. Urban Oklahoma: Hospitals
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	37,986	238	1,222	2,126	9,205	10,695	9,808	4,006	682
2002	39,875	230	1,374	2,339	9,625	10,734	10,359	4,465	746
2003	38,882	176	1,234	2,347	9,372	10,113	10,245	4,628	765
2004	40,057	129	1,069	2,336	9,512	10,191	10,809	5,150	859
2005	41,225	109	1,053	2,464	9,760	10,321	11,146	5,469	902
2006	42,751	121	1,095	2,574	10,143	10,551	11,383	5,925	956
2007	44,666	120	1,133	2,719	10,764	10,753	11,656	6,451	1,067
2008	46,164	122	1,155	2,793	11,334	10,806	11,714	6,996	1,243
2009	46,423	88	981	2,683	11,531	10,759	11,625	7,347	1,405
2010	47,164	70	868	2,546	12,152	10,867	11,449	7,701	1,511
2011	47,113	55	851	2,340	12,405	10,883	11,024	7,952	1,600
2012	47,712	54	875	2,352	12,655	11,169	10,696	8,130	1,781
2013	48,518	49	844	2,434	13,037	11,401	10,441	8,404	1,906
2014	47,000	46	767	2,356	12,761	11,033	9,921	8,253	1,860
2015	48,137	50	771	2,409	12,982	11,356	10,127	8,505	1,934
2016	48,187	46	847	2,408	12,946	11,352	10,086	8,503	1,997
2017	48,130	46	854	2,387	12,882	11,452	9,981	8,406	2,122
2001 - 2017	10,144	-192	-368	261	3,677	757	173	4,400	1,440

Note: Using Beginning of Quarter Employment Counts.

Appendix A: Urban Oklahoma Employment Tables by Industry Group and Age Group

**Table 4e. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	18,245	612	1,151	1,328	4,177	4,530	3,852	1,982	613
2002	18,564	570	1,278	1,427	4,425	4,456	3,755	2,041	609
2003	19,961	519	1,354	1,557	4,759	4,699	4,105	2,297	667
2004	20,171	469	1,277	1,593	4,817	4,661	4,245	2,383	723
2005	19,237	409	1,158	1,529	4,674	4,398	4,047	2,307	714
2006	19,157	432	1,126	1,505	4,630	4,298	4,026	2,388	750
2007	19,552	435	1,155	1,471	4,657	4,283	4,179	2,539	831
2008	19,595	440	1,101	1,422	4,727	4,204	4,228	2,594	876
2009	19,871	409	1,070	1,382	4,909	4,200	4,294	2,680	924
2010	20,157	309	1,111	1,450	4,989	4,344	4,264	2,737	950
2011	20,209	278	1,097	1,471	5,158	4,330	4,161	2,793	919
2012	20,013	272	1,139	1,530	4,972	4,296	4,037	2,793	971
2013	19,743	275	1,089	1,494	4,885	4,243	3,920	2,832	1,003
2014	20,037	267	992	1,527	4,974	4,301	4,019	2,883	1,071
2015	20,446	267	957	1,480	5,095	4,524	3,993	3,012	1,113
2016	20,803	257	918	1,440	5,146	4,652	4,042	3,150	1,196
2017	20,710	250	986	1,357	5,036	4,656	3,954	3,227	1,241
2001 - 2017	2,465	-362	-165	29	859	126	102	1,245	628

Note: Using Beginning of Quarter Employment Counts.

Appendix B: Urban Oklahoma Earnings Tables by Industry Group and Age Group

**Table 1f. Urban Oklahoma: All Industries
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,420	\$471	\$869	\$1,346	\$2,147	\$2,819	\$3,189	\$3,025	\$1,884
2002	\$2,461	\$483	\$876	\$1,341	\$2,181	\$2,859	\$3,212	\$3,080	\$1,936
2003	\$2,536	\$497	\$878	\$1,339	\$2,208	\$2,928	\$3,310	\$3,196	\$2,068
2004	\$2,644	\$507	\$890	\$1,366	\$2,265	\$3,030	\$3,465	\$3,361	\$2,170
2005	\$2,696	\$515	\$905	\$1,397	\$2,295	\$3,075	\$3,540	\$3,448	\$2,255
2006	\$2,884	\$530	\$965	\$1,495	\$2,412	\$3,232	\$3,812	\$3,791	\$2,493
2007	\$3,018	\$533	\$1,015	\$1,578	\$2,543	\$3,390	\$3,949	\$3,938	\$2,650
2008	\$3,157	\$549	\$1,049	\$1,656	\$2,654	\$3,527	\$4,107	\$4,130	\$2,840
2009	\$3,142	\$551	\$1,021	\$1,627	\$2,639	\$3,526	\$4,013	\$4,055	\$2,817
2010	\$3,228	\$562	\$1,020	\$1,621	\$2,688	\$3,601	\$4,095	\$4,170	\$2,933
2011	\$3,386	\$555	\$1,038	\$1,662	\$2,797	\$3,775	\$4,298	\$4,434	\$3,116
2012	\$3,505	\$566	\$1,087	\$1,751	\$2,900	\$3,902	\$4,427	\$4,617	\$3,402
2013	\$3,553	\$562	\$1,114	\$1,783	\$2,967	\$3,991	\$4,463	\$4,681	\$3,419
2014	\$3,661	\$575	\$1,143	\$1,821	\$3,084	\$4,115	\$4,596	\$4,826	\$3,526
2015	\$3,718	\$580	\$1,155	\$1,864	\$3,137	\$4,189	\$4,644	\$4,908	\$3,645
2016	\$3,668	\$582	\$1,150	\$1,857	\$3,081	\$4,146	\$4,579	\$4,773	\$3,599
2017	\$3,768	\$593	\$1,175	\$1,916	\$3,158	\$4,269	\$4,701	\$4,865	\$3,713
2017 - 2001	\$1,348	\$122	\$306	\$570	\$1,011	\$1,450	\$1,512	\$1,840	\$1,829

Note: Using Beginning of Quarter Employment Counts.

Appendix B: Urban Oklahoma Earnings Tables by Industry Group and Age Group

**Table 2f. Urban Oklahoma: Ambulatory Health Care Services
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$3,363	\$520	\$966	\$1,334	\$2,151	\$3,912	\$4,604	\$4,313	\$2,953
2002	\$3,436	\$584	\$988	\$1,353	\$2,222	\$3,999	\$4,633	\$4,392	\$3,144
2003	\$3,473	\$665	\$1,018	\$1,402	\$2,319	\$3,934	\$4,636	\$4,446	\$3,244
2004	\$3,661	\$689	\$1,061	\$1,436	\$2,406	\$4,132	\$4,800	\$4,835	\$3,533
2005	\$3,762	\$634	\$1,045	\$1,477	\$2,464	\$4,297	\$4,867	\$4,888	\$3,625
2006	\$3,808	\$655	\$1,054	\$1,508	\$2,532	\$4,303	\$4,882	\$4,967	\$3,649
2007	\$3,920	\$690	\$1,058	\$1,536	\$2,610	\$4,476	\$5,017	\$5,108	\$3,599
2008	\$4,030	\$747	\$1,104	\$1,574	\$2,703	\$4,582	\$5,171	\$5,191	\$3,714
2009	\$4,174	\$709	\$1,138	\$1,585	\$2,821	\$4,735	\$5,284	\$5,423	\$4,024
2010	\$4,187	\$614	\$1,168	\$1,605	\$2,845	\$4,772	\$5,185	\$5,415	\$4,075
2011	\$4,249	\$683	\$1,155	\$1,607	\$2,870	\$4,882	\$5,165	\$5,515	\$4,090
2012	\$4,332	\$692	\$1,168	\$1,653	\$2,937	\$4,954	\$5,300	\$5,600	\$4,227
2013	\$4,474	\$708	\$1,238	\$1,743	\$3,095	\$5,099	\$5,489	\$5,706	\$4,570
2014	\$4,723	\$754	\$1,246	\$1,789	\$3,264	\$5,363	\$5,772	\$6,032	\$4,970
2015	\$4,898	\$705	\$1,333	\$1,892	\$3,401	\$5,575	\$5,994	\$6,209	\$5,368
2016	\$5,037	\$636	\$1,361	\$1,888	\$3,506	\$5,783	\$6,156	\$6,289	\$5,645
2017	\$5,160	\$699	\$1,355	\$1,881	\$3,615	\$5,918	\$6,296	\$6,391	\$5,750
2017 - 2001	\$1,797	\$179	\$389	\$547	\$1,464	\$2,006	\$1,692	\$2,078	\$2,797

Note: Using Beginning of Quarter Employment Counts.

Appendix B: Urban Oklahoma Earnings Tables by Industry Group and Age Group

Table 3f. Urban Oklahoma: Hospitals
Average Monthly Earnings by Age Group

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,661	\$759	\$1,078	\$1,601	\$2,262	\$2,799	\$3,206	\$3,095	\$2,168
2002	\$2,744	\$821	\$1,117	\$1,634	\$2,357	\$2,867	\$3,322	\$3,172	\$2,307
2003	\$2,870	\$802	\$1,154	\$1,646	\$2,432	\$2,982	\$3,448	\$3,436	\$2,434
2004	\$3,055	\$820	\$1,203	\$1,782	\$2,560	\$3,152	\$3,638	\$3,642	\$2,528
2005	\$3,020	\$942	\$1,200	\$1,776	\$2,553	\$3,143	\$3,549	\$3,559	\$2,533
2006	\$3,161	\$920	\$1,207	\$1,841	\$2,638	\$3,307	\$3,718	\$3,752	\$2,812
2007	\$3,384	\$898	\$1,270	\$1,921	\$2,813	\$3,609	\$3,934	\$4,059	\$2,969
2008	\$3,528	\$933	\$1,314	\$1,977	\$2,918	\$3,767	\$4,062	\$4,306	\$3,350
2009	\$3,680	\$906	\$1,332	\$2,056	\$3,050	\$3,895	\$4,216	\$4,439	\$3,652
2010	\$3,793	\$943	\$1,345	\$2,126	\$3,126	\$4,037	\$4,300	\$4,583	\$3,855
2011	\$3,937	\$967	\$1,391	\$2,231	\$3,221	\$4,184	\$4,442	\$4,779	\$4,085
2012	\$4,071	\$993	\$1,416	\$2,285	\$3,266	\$4,364	\$4,585	\$4,954	\$4,563
2013	\$4,205	\$904	\$1,429	\$2,295	\$3,378	\$4,531	\$4,755	\$5,081	\$4,744
2014	\$4,340	\$949	\$1,462	\$2,401	\$3,481	\$4,661	\$4,911	\$5,229	\$5,036
2015	\$4,579	\$985	\$1,554	\$2,576	\$3,695	\$4,884	\$5,195	\$5,539	\$5,056
2016	\$4,435	\$1,038	\$1,557	\$2,553	\$3,669	\$4,700	\$5,030	\$5,289	\$4,810
2017	\$4,515	\$1,161	\$1,554	\$2,535	\$3,705	\$4,815	\$5,136	\$5,359	\$5,038
2017 - 2001	\$1,854	\$402	\$476	\$934	\$1,443	\$2,016	\$1,930	\$2,264	\$2,870

Note: Using Beginning of Quarter Employment Counts.

Appendix B: Urban Oklahoma Earnings Tables by Industry Group and Age Group

**Table 4f. Urban Oklahoma: Nursing and Residential Care Facilities
Average Monthly Earnings by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$1,428	\$572	\$784	\$1,000	\$1,362	\$1,529	\$1,747	\$1,678	\$1,303
2002	\$1,510	\$619	\$882	\$1,057	\$1,437	\$1,643	\$1,833	\$1,785	\$1,355
2003	\$1,534	\$640	\$900	\$1,078	\$1,441	\$1,673	\$1,838	\$1,831	\$1,355
2004	\$1,607	\$672	\$938	\$1,128	\$1,495	\$1,735	\$1,929	\$1,923	\$1,422
2005	\$1,619	\$657	\$920	\$1,119	\$1,484	\$1,747	\$1,934	\$2,001	\$1,448
2006	\$1,720	\$661	\$969	\$1,204	\$1,540	\$1,888	\$2,054	\$2,132	\$1,541
2007	\$1,804	\$671	\$1,005	\$1,224	\$1,626	\$2,009	\$2,122	\$2,218	\$1,601
2008	\$1,883	\$699	\$1,031	\$1,300	\$1,712	\$2,078	\$2,205	\$2,314	\$1,637
2009	\$1,912	\$696	\$1,058	\$1,326	\$1,714	\$2,109	\$2,213	\$2,390	\$1,690
2010	\$1,935	\$726	\$1,059	\$1,325	\$1,748	\$2,136	\$2,211	\$2,398	\$1,776
2011	\$2,011	\$716	\$1,063	\$1,365	\$1,809	\$2,244	\$2,298	\$2,485	\$1,880
2012	\$2,042	\$731	\$1,067	\$1,390	\$1,813	\$2,286	\$2,355	\$2,523	\$1,997
2013	\$2,059	\$753	\$1,087	\$1,370	\$1,844	\$2,287	\$2,393	\$2,493	\$2,059
2014	\$2,121	\$743	\$1,114	\$1,383	\$1,890	\$2,341	\$2,485	\$2,549	\$2,133
2015	\$2,192	\$741	\$1,125	\$1,386	\$1,951	\$2,385	\$2,600	\$2,633	\$2,185
2016	\$2,204	\$796	\$1,186	\$1,382	\$1,931	\$2,383	\$2,607	\$2,646	\$2,222
2017	\$2,233	\$779	\$1,204	\$1,451	\$1,956	\$2,440	\$2,613	\$2,648	\$2,254
2017 - 2001	\$805	\$207	\$420	\$451	\$594	\$911	\$866	\$970	\$951

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 5e. Urban Oklahoma: All Industries
Annual Average Employment for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	942,036	39,009	59,748	62,960	213,420	237,581	205,227	96,500	27,589
2002	924,058	35,077	58,024	62,456	208,290	227,147	203,112	101,320	28,629
2003	898,158	31,039	54,757	61,630	201,170	215,213	201,000	103,958	29,390
2004	910,941	29,913	53,857	63,097	202,118	213,116	207,189	110,461	31,188
2005	931,568	30,201	54,768	65,113	206,065	212,668	213,079	116,310	33,361
2006	951,201	31,933	55,084	65,858	209,295	212,944	217,744	122,398	35,942
2007	968,810	32,332	54,376	66,037	215,327	212,265	221,050	128,942	38,479
2008	988,437	32,570	53,465	65,844	222,418	211,892	225,236	135,746	41,264
2009	957,150	27,278	49,295	61,512	217,445	202,935	218,597	137,807	42,279
2010	939,382	22,446	47,625	58,898	215,437	198,764	213,092	140,204	42,912
2011	956,996	22,184	49,062	59,052	221,487	201,670	212,271	146,190	45,077
2012	981,565	23,125	49,971	61,909	227,986	206,518	211,060	151,538	49,456
2013	998,781	23,621	50,984	64,543	234,073	209,376	208,139	155,841	52,201
2014	1,017,433	25,092	51,275	66,504	238,411	212,924	207,455	160,456	55,314
2015	1,033,207	27,339	51,670	66,580	241,561	216,491	206,785	164,800	57,977
2016	1,020,559	27,304	49,740	63,482	236,569	215,238	203,102	165,523	59,597
2017	1,021,339	26,805	50,533	61,541	234,411	217,988	200,461	167,733	61,864
2001 - 2017	79,303	-12,204	-9,215	-1,419	20,991	-19,593	-4,766	71,233	34,275

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 6e. Urban Oklahoma: All Industries
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	487,706	18,817	29,777	32,225	115,000	124,412	102,843	49,821	14,807
2002	474,218	16,812	28,572	31,769	111,141	118,132	100,794	51,644	15,350
2003	460,476	14,621	26,523	31,127	107,298	112,322	100,251	52,589	15,742
2004	464,251	14,032	25,793	31,622	106,964	110,890	103,108	55,302	16,538
2005	475,416	14,218	26,540	32,617	109,010	110,808	106,336	58,133	17,750
2006	487,898	14,954	27,015	33,091	111,009	111,798	109,600	61,277	19,152
2007	496,549	15,221	26,703	33,007	113,897	111,203	111,308	64,639	20,568
2008	507,630	15,265	26,407	33,067	117,688	111,341	113,968	67,927	21,964
2009	485,247	12,609	23,687	30,358	113,251	105,343	109,656	68,153	22,187
2010	475,275	10,152	22,892	28,944	111,790	103,229	106,810	69,024	22,431
2011	490,068	10,083	23,981	29,321	116,277	106,078	108,107	72,603	23,616
2012	506,577	10,658	24,601	30,883	120,550	109,360	108,597	75,952	25,975
2013	517,222	11,106	25,120	32,314	123,766	111,288	107,569	78,773	27,283
2014	527,091	11,724	25,381	33,295	125,701	112,944	107,429	81,713	28,902
2015	532,109	12,764	25,533	33,218	126,060	113,847	106,588	83,850	30,246
2016	520,746	12,695	24,199	31,134	121,607	112,141	104,140	83,823	31,006
2017	521,321	12,383	24,536	30,307	120,427	113,583	102,669	85,240	32,174
2001 - 2017	33,615	-6,434	-5,241	-1,918	5,427	-10,829	-174	35,419	17,367

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 7e. Urban Oklahoma: All Industries
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	454,330	20,190	29,971	30,734	98,420	113,169	102,383	46,679	12,781
2002	449,840	18,265	29,452	30,687	97,148	109,015	102,317	49,676	13,278
2003	437,681	16,417	28,234	30,502	93,872	102,890	100,748	51,368	13,647
2004	446,691	15,880	28,064	31,476	95,154	102,225	104,080	55,159	14,649
2005	456,151	15,982	28,227	32,496	97,055	101,859	106,743	58,176	15,611
2006	463,302	16,979	28,069	32,766	98,286	101,145	108,144	61,121	16,790
2007	472,261	17,110	27,673	33,029	101,429	101,062	109,742	64,302	17,911
2008	480,808	17,304	27,058	32,777	104,730	100,551	111,267	67,818	19,299
2009	471,902	14,669	25,608	31,154	104,194	97,592	108,940	69,652	20,091
2010	464,106	12,293	24,732	29,954	103,647	95,535	106,282	71,180	20,480
2011	466,928	12,101	25,081	29,731	105,210	95,591	104,164	73,586	21,461
2012	474,988	12,467	25,370	31,026	107,434	97,158	102,463	75,585	23,481
2013	481,559	12,515	25,864	32,228	110,306	98,088	100,570	77,068	24,918
2014	490,342	13,367	25,894	33,209	112,709	99,980	100,026	78,743	26,411
2015	501,098	14,575	26,137	33,362	115,500	102,643	100,197	80,950	27,732
2016	499,813	14,609	25,541	32,349	114,962	103,097	98,963	81,700	28,592
2017	500,018	14,422	25,997	31,234	113,984	104,404	97,792	82,492	29,691
2001 - 2017	45,688	-5,768	-3,974	500	15,564	-8,765	-4,591	35,813	16,910

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 8e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	37,206	473	1,417	2,149	8,986	9,874	9,115	3,940	1,249
2002	38,106	438	1,457	2,194	9,184	9,837	9,329	4,370	1,293
2003	39,751	399	1,404	2,328	9,557	10,089	9,729	4,839	1,404
2004	40,722	341	1,296	2,361	9,951	10,260	9,959	5,143	1,408
2005	41,239	325	1,258	2,390	9,886	10,264	10,209	5,425	1,479
2006	42,477	322	1,247	2,477	10,049	10,519	10,498	5,789	1,575
2007	44,086	312	1,302	2,524	10,531	10,735	10,703	6,238	1,738
2008	45,763	313	1,292	2,468	11,124	10,989	10,957	6,667	1,950
2009	45,924	269	1,257	2,404	11,373	11,052	10,696	6,905	1,966
2010	47,137	233	1,153	2,417	11,693	11,442	10,751	7,347	2,097
2011	49,516	217	1,135	2,393	12,352	12,005	11,136	7,984	2,292
2012	49,846	222	1,095	2,476	12,365	12,256	10,776	8,136	2,517
2013	49,768	213	1,108	2,501	12,569	12,303	10,444	8,060	2,567
2014	51,305	189	1,100	2,545	13,013	12,806	10,685	8,279	2,686
2015	53,540	188	1,268	2,668	13,640	13,301	10,997	8,583	2,890
2016	54,278	181	1,260	2,660	13,953	13,512	11,100	8,594	3,015
2017	54,661	184	1,257	2,623	13,862	13,806	11,093	8,617	3,215
2001 - 2017	17,455	-289	-160	474	4,876	3,932	1,978	4,677	1,966

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 9e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	7,251	134	198	280	1,502	1,878	1,935	941	380
2002	7,497	127	216	285	1,524	1,923	1,959	1,061	400
2003	7,800	123	213	319	1,583	1,942	2,017	1,169	431
2004	8,118	105	194	314	1,675	2,069	2,039	1,290	431
2005	8,400	97	210	337	1,694	2,098	2,134	1,359	466
2006	8,574	86	212	369	1,716	2,154	2,109	1,434	491
2007	8,894	89	203	383	1,772	2,266	2,116	1,532	531
2008	9,251	84	201	368	1,891	2,350	2,156	1,608	590
2009	9,531	79	212	357	1,988	2,422	2,153	1,692	624
2010	9,908	74	200	396	2,095	2,558	2,149	1,775	657
2011	10,376	72	201	384	2,149	2,685	2,261	1,882	739
2012	10,410	71	183	396	2,115	2,721	2,223	1,879	822
2013	10,783	67	187	413	2,255	2,807	2,276	1,904	871
2014	11,314	59	185	405	2,317	2,910	2,469	2,027	938
2015	11,903	49	231	450	2,418	3,014	2,616	2,114	1,007
2016	12,181	45	217	420	2,508	3,141	2,697	2,075	1,076
2017	12,323	54	218	407	2,518	3,213	2,712	2,055	1,143
2001 - 2017	5,072	-80	20	127	1,016	1,335	777	1,114	763

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 10e. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	29,954	338	1,218	1,869	7,483	7,995	7,180	2,998	869
2002	30,608	310	1,241	1,908	7,660	7,914	7,370	3,309	893
2003	31,951	275	1,191	2,008	7,973	8,146	7,712	3,670	973
2004	32,603	236	1,102	2,047	8,276	8,190	7,919	3,853	977
2005	32,839	228	1,047	2,053	8,192	8,165	8,074	4,066	1,013
2006	33,902	236	1,035	2,107	8,333	8,364	8,388	4,353	1,083
2007	35,191	223	1,099	2,141	8,758	8,468	8,586	4,705	1,206
2008	36,512	230	1,090	2,100	9,233	8,638	8,800	5,058	1,360
2009	36,392	190	1,044	2,047	9,384	8,630	8,542	5,212	1,341
2010	37,229	159	953	2,021	9,598	8,884	8,602	5,572	1,439
2011	39,139	144	934	2,009	10,203	9,319	8,874	6,102	1,552
2012	39,435	152	911	2,080	10,249	9,534	8,554	6,257	1,695
2013	38,984	145	921	2,087	10,314	9,495	8,167	6,155	1,696
2014	39,991	129	914	2,140	10,695	9,895	8,215	6,251	1,747
2015	41,636	139	1,036	2,218	11,222	10,287	8,379	6,469	1,883
2016	42,096	135	1,043	2,239	11,444	10,371	8,403	6,519	1,939
2017	42,338	130	1,038	2,216	11,343	10,593	8,381	6,561	2,073
2001 - 2017	12,384	-208	-180	347	3,860	2,598	1,201	3,563	1,204

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 11e. Urban Oklahoma: Hospitals
Annual Average Employment for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	37,986	238	1,222	2,126	9,205	10,695	9,808	4,006	682
2002	39,875	230	1,374	2,339	9,625	10,734	10,359	4,465	746
2003	38,882	176	1,234	2,347	9,372	10,113	10,245	4,628	765
2004	40,057	129	1,069	2,336	9,512	10,191	10,809	5,150	859
2005	41,225	109	1,053	2,464	9,760	10,321	11,146	5,469	902
2006	42,751	121	1,095	2,574	10,143	10,551	11,383	5,925	956
2007	44,666	120	1,133	2,719	10,764	10,753	11,656	6,451	1,067
2008	46,164	122	1,155	2,793	11,334	10,806	11,714	6,996	1,243
2009	46,423	88	981	2,683	11,531	10,759	11,625	7,347	1,405
2010	47,164	70	868	2,546	12,152	10,867	11,449	7,701	1,511
2011	47,113	55	851	2,340	12,405	10,883	11,024	7,952	1,600
2012	47,712	54	875	2,352	12,655	11,169	10,696	8,130	1,781
2013	48,518	49	844	2,434	13,037	11,401	10,441	8,404	1,906
2014	47,000	46	767	2,356	12,761	11,033	9,921	8,253	1,860
2015	48,137	50	771	2,409	12,982	11,356	10,127	8,505	1,934
2016	48,187	46	847	2,408	12,946	11,352	10,086	8,503	1,997
2017	48,130	46	854	2,387	12,882	11,452	9,981	8,406	2,122
2001 - 2017	10,144	-192	-368	261	3,677	757	173	4,400	1,440

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 12e. Urban Oklahoma: Hospitals
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	8,293	95	309	421	2,252	2,293	2,020	762	139
2002	8,634	90	346	454	2,232	2,353	2,127	874	155
2003	8,346	67	319	463	2,129	2,200	2,071	940	155
2004	8,687	50	275	477	2,166	2,283	2,195	1,059	180
2005	8,942	42	278	528	2,171	2,342	2,269	1,112	196
2006	9,283	42	272	537	2,163	2,484	2,330	1,243	209
2007	9,642	41	262	546	2,245	2,517	2,389	1,411	229
2008	9,906	47	254	537	2,336	2,486	2,421	1,544	277
2009	9,967	33	234	507	2,356	2,478	2,405	1,631	319
2010	10,408	34	222	493	2,584	2,545	2,443	1,722	363
2011	10,555	24	218	476	2,639	2,571	2,423	1,792	409
2012	10,779	20	205	470	2,702	2,652	2,410	1,843	474
2013	10,968	19	197	456	2,784	2,678	2,401	1,909	522
2014	10,589	15	170	420	2,705	2,610	2,288	1,860	517
2015	10,862	13	190	443	2,746	2,641	2,380	1,910	535
2016	10,802	12	200	442	2,708	2,562	2,419	1,910	547
2017	10,560	14	189	421	2,587	2,513	2,383	1,857	594
2001 - 2017	2,267	-81	-120	0	335	220	363	1,095	455

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 13c. Urban Oklahoma: Hospitals
Annual Average Employment for Females by AgeGroup**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	29,693	142	913	1,706	6,953	8,402	7,787	3,244	543
2002	31,240	140	1,028	1,885	7,392	8,381	8,232	3,591	591
2003	30,536	109	914	1,883	7,242	7,913	8,175	3,688	610
2004	31,369	79	794	1,858	7,346	7,908	8,614	4,091	678
2005	32,284	67	774	1,935	7,588	7,979	8,876	4,356	705
2006	33,468	78	822	2,037	7,979	8,067	9,052	4,681	747
2007	35,023	78	871	2,173	8,518	8,235	9,266	5,040	838
2008	36,258	75	900	2,255	8,996	8,319	9,293	5,453	964
2009	36,455	55	747	2,176	9,174	8,280	9,219	5,716	1,085
2010	36,755	35	646	2,052	9,568	8,321	9,005	5,978	1,147
2011	36,557	30	633	1,863	9,765	8,312	8,601	6,160	1,191
2012	36,933	33	668	1,882	9,952	8,518	8,285	6,286	1,306
2013	37,550	30	646	1,978	10,253	8,723	8,039	6,495	1,384
2014	36,410	30	596	1,936	10,056	8,422	7,633	6,392	1,343
2015	37,275	36	580	1,965	10,235	8,714	7,746	6,595	1,399
2016	37,386	34	646	1,965	10,237	8,790	7,667	6,593	1,450
2017	37,569	32	665	1,965	10,294	8,937	7,597	6,548	1,527
2001 - 2017	7,876	-110	-248	259	3,341	535	-190	3,304	984

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 14c. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	18,245	612	1,151	1,328	4,177	4,530	3,852	1,982	613
2002	18,564	570	1,278	1,427	4,425	4,456	3,755	2,041	609
2003	19,961	519	1,354	1,557	4,759	4,699	4,105	2,297	667
2004	20,171	469	1,277	1,593	4,817	4,661	4,245	2,383	723
2005	19,237	409	1,158	1,529	4,674	4,398	4,047	2,307	714
2006	19,157	432	1,126	1,505	4,630	4,298	4,026	2,388	750
2007	19,552	435	1,155	1,471	4,657	4,283	4,179	2,539	831
2008	19,595	440	1,101	1,422	4,727	4,204	4,228	2,594	876
2009	19,871	409	1,070	1,382	4,909	4,200	4,294	2,680	924
2010	20,157	309	1,111	1,450	4,989	4,344	4,264	2,737	950
2011	20,209	278	1,097	1,471	5,158	4,330	4,161	2,793	919
2012	20,013	272	1,139	1,530	4,972	4,296	4,037	2,793	971
2013	19,743	275	1,089	1,494	4,885	4,243	3,920	2,832	1,003
2014	20,037	267	992	1,527	4,974	4,301	4,019	2,883	1,071
2015	20,446	267	957	1,480	5,095	4,524	3,993	3,012	1,113
2016	20,803	257	918	1,440	5,146	4,652	4,042	3,150	1,196
2017	20,710	250	986	1,357	5,036	4,656	3,954	3,227	1,241
2001 - 2017	2,465	-362	-165	29	859	126	102	1,245	628

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 15c. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	3,824	196	257	303	968	944	722	319	111
2002	3,909	190	304	323	1,032	903	696	346	116
2003	4,192	164	339	359	1,101	963	738	395	130
2004	4,144	143	282	367	1,078	966	757	410	139
2005	4,070	133	271	379	1,049	924	754	415	144
2006	4,074	131	262	344	1,041	909	773	459	152
2007	4,144	143	271	335	1,037	892	806	486	171
2008	4,112	141	213	332	1,049	862	809	516	187
2009	4,248	128	234	304	1,118	886	844	540	191
2010	4,383	89	276	318	1,104	963	866	557	208
2011	4,426	87	246	316	1,170	970	873	567	194
2012	4,402	84	250	328	1,078	975	869	596	222
2013	4,285	83	226	318	1,013	923	867	622	229
2014	4,339	76	210	330	1,052	892	890	636	251
2015	4,487	67	194	311	1,083	969	909	683	267
2016	4,499	73	165	271	1,089	963	926	717	292
2017	4,365	65	180	254	1,045	923	865	715	315
2001 - 2017	541	-131	-77	-49	77	-21	143	396	204

Note: Using Beginning of Quarter Employment Counts.

Appendix C: Urban Oklahoma Employment by Tables by Industry Group, Age Group and Gender

**Table 16c. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Employment for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	14,421	415	893	1,024	3,208	3,585	3,130	1,662	501
2002	14,654	380	974	1,104	3,393	3,554	3,059	1,695	493
2003	15,769	354	1,015	1,198	3,657	3,735	3,367	1,902	537
2004	16,027	325	995	1,226	3,740	3,694	3,487	1,972	584
2005	15,167	276	887	1,149	3,625	3,472	3,293	1,892	570
2006	15,083	301	864	1,161	3,588	3,389	3,253	1,927	598
2007	15,409	292	883	1,134	3,620	3,390	3,373	2,053	659
2008	15,483	299	887	1,090	3,678	3,342	3,418	2,078	688
2009	15,622	281	835	1,077	3,791	3,314	3,450	2,139	732
2010	15,774	219	834	1,132	3,884	3,381	3,398	2,181	742
2011	15,784	192	850	1,154	3,988	3,360	3,287	2,226	725
2012	15,610	187	889	1,202	3,894	3,321	3,168	2,197	749
2013	15,458	191	862	1,175	3,872	3,319	3,052	2,210	774
2014	15,698	191	780	1,197	3,922	3,409	3,129	2,247	820
2015	15,958	199	763	1,169	4,011	3,555	3,084	2,328	846
2016	16,304	183	753	1,168	4,057	3,688	3,116	2,431	904
2017	16,345	185	806	1,103	3,991	3,733	3,089	2,511	925
2001 - 2017	1,924	-230	-87	79	783	148	-41	849	424

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 5f. Urban Oklahoma: All Industries
Annual Average Monthly Earnings for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,420	\$471	\$869	\$1,346	\$2,147	\$2,819	\$3,189	\$3,025	\$1,884
2002	\$2,461	\$483	\$876	\$1,341	\$2,181	\$2,859	\$3,212	\$3,080	\$1,936
2003	\$2,536	\$497	\$878	\$1,339	\$2,208	\$2,928	\$3,310	\$3,196	\$2,068
2004	\$2,644	\$507	\$890	\$1,366	\$2,265	\$3,030	\$3,465	\$3,361	\$2,170
2005	\$2,696	\$515	\$905	\$1,397	\$2,295	\$3,075	\$3,540	\$3,448	\$2,255
2006	\$2,884	\$530	\$965	\$1,495	\$2,412	\$3,232	\$3,812	\$3,791	\$2,493
2007	\$3,018	\$533	\$1,015	\$1,578	\$2,543	\$3,390	\$3,949	\$3,938	\$2,650
2008	\$3,157	\$549	\$1,049	\$1,656	\$2,654	\$3,527	\$4,107	\$4,130	\$2,840
2009	\$3,142	\$551	\$1,021	\$1,627	\$2,639	\$3,526	\$4,013	\$4,055	\$2,817
2010	\$3,228	\$562	\$1,020	\$1,621	\$2,688	\$3,601	\$4,095	\$4,170	\$2,933
2011	\$3,386	\$555	\$1,038	\$1,662	\$2,797	\$3,775	\$4,298	\$4,434	\$3,116
2012	\$3,505	\$566	\$1,087	\$1,751	\$2,900	\$3,902	\$4,427	\$4,617	\$3,402
2013	\$3,553	\$562	\$1,114	\$1,783	\$2,967	\$3,991	\$4,463	\$4,681	\$3,419
2014	\$3,661	\$575	\$1,143	\$1,821	\$3,084	\$4,115	\$4,596	\$4,826	\$3,526
2015	\$3,718	\$580	\$1,155	\$1,864	\$3,137	\$4,189	\$4,644	\$4,908	\$3,645
2016	\$3,668	\$582	\$1,150	\$1,857	\$3,081	\$4,146	\$4,579	\$4,773	\$3,599
2017	\$3,768	\$593	\$1,175	\$1,916	\$3,158	\$4,269	\$4,701	\$4,865	\$3,713
2001 - 2017	\$1,348	\$122	\$306	\$570	\$1,011	\$1,450	\$1,512	\$1,840	\$1,829

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 6f. Urban Oklahoma: All Industries
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,969	\$503	\$967	\$1,482	\$2,454	\$3,458	\$4,064	\$3,940	\$2,433
2002	\$3,000	\$515	\$965	\$1,464	\$2,480	\$3,490	\$4,054	\$3,982	\$2,476
2003	\$3,089	\$536	\$973	\$1,459	\$2,492	\$3,557	\$4,160	\$4,135	\$2,662
2004	\$3,230	\$546	\$997	\$1,492	\$2,557	\$3,679	\$4,365	\$4,367	\$2,779
2005	\$3,308	\$553	\$1,015	\$1,538	\$2,608	\$3,740	\$4,486	\$4,495	\$2,886
2006	\$3,560	\$575	\$1,104	\$1,666	\$2,756	\$3,920	\$4,862	\$4,978	\$3,236
2007	\$3,718	\$574	\$1,165	\$1,776	\$2,913	\$4,111	\$5,007	\$5,139	\$3,425
2008	\$3,892	\$591	\$1,200	\$1,871	\$3,046	\$4,279	\$5,208	\$5,376	\$3,715
2009	\$3,835	\$584	\$1,132	\$1,802	\$2,996	\$4,243	\$5,026	\$5,215	\$3,652
2010	\$3,952	\$600	\$1,141	\$1,790	\$3,061	\$4,333	\$5,148	\$5,386	\$3,783
2011	\$4,169	\$595	\$1,186	\$1,848	\$3,198	\$4,547	\$5,426	\$5,786	\$4,037
2012	\$4,317	\$606	\$1,252	\$1,965	\$3,330	\$4,706	\$5,567	\$5,997	\$4,461
2013	\$4,355	\$598	\$1,291	\$1,999	\$3,409	\$4,805	\$5,577	\$6,011	\$4,446
2014	\$4,489	\$618	\$1,325	\$2,067	\$3,554	\$4,957	\$5,737	\$6,171	\$4,562
2015	\$4,525	\$614	\$1,315	\$2,090	\$3,590	\$5,020	\$5,739	\$6,224	\$4,697
2016	\$4,439	\$610	\$1,296	\$2,077	\$3,500	\$4,950	\$5,626	\$5,988	\$4,578
2017	\$4,579	\$628	\$1,334	\$2,155	\$3,619	\$5,111	\$5,783	\$6,113	\$4,747
2001 - 2017	\$1,610	\$125	\$367	\$673	\$1,165	\$1,653	\$1,719	\$2,173	\$2,314

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 7f. Urban Oklahoma: All Industries
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$1,829	\$442	\$773	\$1,203	\$1,788	\$2,115	\$2,306	\$2,046	\$1,248
2002	\$1,890	\$453	\$789	\$1,214	\$1,838	\$2,172	\$2,377	\$2,136	\$1,312
2003	\$1,952	\$462	\$788	\$1,217	\$1,881	\$2,239	\$2,458	\$2,229	\$1,384
2004	\$2,033	\$473	\$792	\$1,239	\$1,934	\$2,324	\$2,567	\$2,346	\$1,485
2005	\$2,057	\$481	\$800	\$1,256	\$1,942	\$2,349	\$2,593	\$2,395	\$1,540
2006	\$2,171	\$490	\$831	\$1,320	\$2,023	\$2,471	\$2,742	\$2,594	\$1,647
2007	\$2,280	\$497	\$869	\$1,380	\$2,126	\$2,595	\$2,871	\$2,725	\$1,764
2008	\$2,378	\$511	\$901	\$1,440	\$2,212	\$2,694	\$2,975	\$2,878	\$1,845
2009	\$2,426	\$522	\$917	\$1,455	\$2,250	\$2,750	\$2,989	\$2,915	\$1,896
2010	\$2,482	\$531	\$908	\$1,457	\$2,285	\$2,805	\$3,033	\$2,985	\$1,999
2011	\$2,560	\$521	\$897	\$1,477	\$2,351	\$2,913	\$3,123	\$3,093	\$2,101
2012	\$2,636	\$532	\$927	\$1,536	\$2,414	\$2,993	\$3,217	\$3,223	\$2,230
2013	\$2,689	\$530	\$941	\$1,566	\$2,468	\$3,064	\$3,272	\$3,317	\$2,294
2014	\$2,767	\$537	\$964	\$1,572	\$2,556	\$3,161	\$3,368	\$3,425	\$2,393
2015	\$2,856	\$550	\$997	\$1,637	\$2,639	\$3,263	\$3,476	\$3,539	\$2,496
2016	\$2,862	\$556	\$1,012	\$1,645	\$2,637	\$3,267	\$3,477	\$3,523	\$2,535
2017	\$2,920	\$562	\$1,024	\$1,682	\$2,668	\$3,349	\$3,563	\$3,570	\$2,588
2001 - 2017	\$1,091	\$120	\$251	\$479	\$880	\$1,234	\$1,257	\$1,524	\$1,340

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 8f. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Monthly Earnings for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$3,363	\$520	\$966	\$1,334	\$2,151	\$3,912	\$4,604	\$4,313	\$2,953
2002	\$3,436	\$584	\$988	\$1,353	\$2,222	\$3,999	\$4,633	\$4,392	\$3,144
2003	\$3,473	\$665	\$1,018	\$1,402	\$2,319	\$3,934	\$4,636	\$4,446	\$3,244
2004	\$3,661	\$689	\$1,061	\$1,436	\$2,406	\$4,132	\$4,800	\$4,835	\$3,533
2005	\$3,762	\$634	\$1,045	\$1,477	\$2,464	\$4,297	\$4,867	\$4,888	\$3,625
2006	\$3,808	\$655	\$1,054	\$1,508	\$2,532	\$4,303	\$4,882	\$4,967	\$3,649
2007	\$3,920	\$690	\$1,058	\$1,536	\$2,610	\$4,476	\$5,017	\$5,108	\$3,599
2008	\$4,030	\$747	\$1,104	\$1,574	\$2,703	\$4,582	\$5,171	\$5,191	\$3,714
2009	\$4,174	\$709	\$1,138	\$1,585	\$2,821	\$4,735	\$5,284	\$5,423	\$4,024
2010	\$4,187	\$614	\$1,168	\$1,605	\$2,845	\$4,772	\$5,185	\$5,415	\$4,075
2011	\$4,249	\$683	\$1,155	\$1,607	\$2,870	\$4,882	\$5,165	\$5,515	\$4,090
2012	\$4,332	\$692	\$1,168	\$1,653	\$2,937	\$4,954	\$5,300	\$5,600	\$4,227
2013	\$4,474	\$708	\$1,238	\$1,743	\$3,095	\$5,099	\$5,489	\$5,706	\$4,570
2014	\$4,723	\$754	\$1,246	\$1,789	\$3,264	\$5,363	\$5,772	\$6,032	\$4,970
2015	\$4,898	\$705	\$1,333	\$1,892	\$3,401	\$5,575	\$5,994	\$6,209	\$5,368
2016	\$5,037	\$636	\$1,361	\$1,888	\$3,506	\$5,783	\$6,156	\$6,289	\$5,645
2017	\$5,160	\$699	\$1,355	\$1,881	\$3,615	\$5,918	\$6,296	\$6,391	\$5,750
2001 - 2017	\$1,797	\$179	\$389	\$547	\$1,464	\$2,006	\$1,692	\$2,078	\$2,797

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 9f. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$8,980	\$559	\$795	\$1,285	\$3,612	\$10,674	\$12,912	\$11,945	\$7,338
2002	\$8,913	\$613	\$862	\$1,328	\$3,768	\$10,421	\$12,690	\$11,700	\$7,678
2003	\$8,861	\$665	\$887	\$1,347	\$3,970	\$10,152	\$12,451	\$11,876	\$7,734
2004	\$9,206	\$837	\$984	\$1,336	\$3,989	\$10,330	\$12,778	\$12,577	\$8,402
2005	\$9,221	\$645	\$992	\$1,486	\$4,186	\$10,572	\$12,480	\$12,394	\$8,260
2006	\$9,290	\$813	\$1,044	\$1,523	\$4,364	\$10,367	\$12,825	\$12,392	\$8,355
2007	\$9,435	\$956	\$1,090	\$1,597	\$4,383	\$10,440	\$13,249	\$12,528	\$8,157
2008	\$9,612	\$891	\$1,151	\$1,660	\$4,545	\$10,553	\$13,606	\$12,632	\$8,381
2009	\$9,718	\$797	\$1,182	\$1,642	\$4,810	\$10,708	\$13,544	\$12,692	\$8,881
2010	\$9,450	\$753	\$1,108	\$1,687	\$4,610	\$10,630	\$12,913	\$12,484	\$8,885
2011	\$9,502	\$891	\$1,164	\$1,709	\$4,564	\$10,791	\$12,432	\$12,971	\$8,495
2012	\$9,650	\$792	\$1,281	\$1,710	\$4,656	\$10,878	\$12,560	\$13,304	\$8,623
2013	\$9,531	\$831	\$1,388	\$1,817	\$4,756	\$10,736	\$12,405	\$12,977	\$8,960
2014	\$9,834	\$945	\$1,183	\$1,791	\$5,105	\$10,994	\$12,621	\$13,087	\$9,409
2015	\$10,046	\$569	\$1,343	\$1,929	\$5,334	\$11,251	\$12,694	\$13,306	\$10,208
2016	\$10,341	\$590	\$1,361	\$1,923	\$5,456	\$11,679	\$12,826	\$13,731	\$10,705
2017	\$10,493	\$604	\$1,436	\$1,881	\$5,669	\$11,766	\$12,864	\$14,146	\$10,786
2001 - 2017	\$1,513	\$45	\$641	\$596	\$2,057	\$1,092	-\$48	\$2,201	\$3,448

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 10f. Urban Oklahoma: Ambulatory Health Care Services
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,002	\$504	\$994	\$1,341	\$1,856	\$2,319	\$2,360	\$1,930	\$1,065
2002	\$2,092	\$572	\$1,010	\$1,357	\$1,913	\$2,434	\$2,482	\$2,056	\$1,147
2003	\$2,158	\$664	\$1,042	\$1,410	\$1,992	\$2,450	\$2,585	\$2,092	\$1,268
2004	\$2,279	\$622	\$1,074	\$1,452	\$2,085	\$2,568	\$2,736	\$2,251	\$1,403
2005	\$2,368	\$629	\$1,056	\$1,475	\$2,109	\$2,686	\$2,850	\$2,390	\$1,520
2006	\$2,425	\$596	\$1,056	\$1,505	\$2,155	\$2,743	\$2,882	\$2,539	\$1,534
2007	\$2,532	\$584	\$1,053	\$1,525	\$2,253	\$2,890	\$2,994	\$2,701	\$1,601
2008	\$2,623	\$694	\$1,095	\$1,559	\$2,327	\$2,968	\$3,110	\$2,837	\$1,707
2009	\$2,728	\$672	\$1,129	\$1,575	\$2,401	\$3,070	\$3,204	\$3,068	\$1,781
2010	\$2,792	\$549	\$1,180	\$1,589	\$2,462	\$3,099	\$3,254	\$3,170	\$1,884
2011	\$2,856	\$577	\$1,153	\$1,588	\$2,513	\$3,187	\$3,309	\$3,215	\$1,996
2012	\$2,928	\$645	\$1,145	\$1,641	\$2,582	\$3,267	\$3,409	\$3,287	\$2,101
2013	\$3,073	\$651	\$1,208	\$1,728	\$2,732	\$3,432	\$3,552	\$3,458	\$2,307
2014	\$3,262	\$670	\$1,259	\$1,789	\$2,858	\$3,693	\$3,697	\$3,736	\$2,576
2015	\$3,409	\$755	\$1,330	\$1,884	\$2,978	\$3,895	\$3,882	\$3,869	\$2,761
2016	\$3,483	\$651	\$1,361	\$1,880	\$3,071	\$3,977	\$3,997	\$3,901	\$2,826
2017	\$3,587	\$739	\$1,337	\$1,881	\$3,150	\$4,124	\$4,155	\$3,935	\$2,958
2001 - 2017	\$1,585	\$235	\$343	\$540	\$1,294	\$1,805	\$1,795	\$2,005	\$1,893

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 11f. Urban Oklahoma: Hospitals
Annual Average Monthly Earnings for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,661	\$759	\$1,078	\$1,601	\$2,262	\$2,799	\$3,206	\$3,095	\$2,168
2002	\$2,744	\$821	\$1,117	\$1,634	\$2,357	\$2,867	\$3,322	\$3,172	\$2,307
2003	\$2,870	\$802	\$1,154	\$1,646	\$2,432	\$2,982	\$3,448	\$3,436	\$2,434
2004	\$3,055	\$820	\$1,203	\$1,782	\$2,560	\$3,152	\$3,638	\$3,642	\$2,528
2005	\$3,020	\$942	\$1,200	\$1,776	\$2,553	\$3,143	\$3,549	\$3,559	\$2,533
2006	\$3,161	\$920	\$1,207	\$1,841	\$2,638	\$3,307	\$3,718	\$3,752	\$2,812
2007	\$3,384	\$898	\$1,270	\$1,921	\$2,813	\$3,609	\$3,934	\$4,059	\$2,969
2008	\$3,528	\$933	\$1,314	\$1,977	\$2,918	\$3,767	\$4,062	\$4,306	\$3,350
2009	\$3,680	\$906	\$1,332	\$2,056	\$3,050	\$3,895	\$4,216	\$4,439	\$3,652
2010	\$3,793	\$943	\$1,345	\$2,126	\$3,126	\$4,037	\$4,300	\$4,583	\$3,855
2011	\$3,937	\$967	\$1,391	\$2,231	\$3,221	\$4,184	\$4,442	\$4,779	\$4,085
2012	\$4,071	\$993	\$1,416	\$2,285	\$3,266	\$4,364	\$4,585	\$4,954	\$4,563
2013	\$4,205	\$904	\$1,429	\$2,295	\$3,378	\$4,531	\$4,755	\$5,081	\$4,744
2014	\$4,340	\$949	\$1,462	\$2,401	\$3,481	\$4,661	\$4,911	\$5,229	\$5,036
2015	\$4,579	\$985	\$1,554	\$2,576	\$3,695	\$4,884	\$5,195	\$5,539	\$5,056
2016	\$4,435	\$1,038	\$1,557	\$2,553	\$3,669	\$4,700	\$5,030	\$5,289	\$4,810
2017	\$4,515	\$1,161	\$1,554	\$2,535	\$3,705	\$4,815	\$5,136	\$5,359	\$5,038
2001 - 2017	\$1,854	\$402	\$476	\$934	\$1,443	\$2,016	\$1,930	\$2,264	\$2,870

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 12f. Urban Oklahoma: Hospitals
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$3,526	\$697	\$1,043	\$1,561	\$2,598	\$3,639	\$4,611	\$5,349	\$4,111
2002	\$3,525	\$740	\$1,090	\$1,555	\$2,722	\$3,570	\$4,580	\$5,037	\$4,089
2003	\$3,670	\$712	\$1,121	\$1,559	\$2,772	\$3,667	\$4,702	\$5,426	\$4,344
2004	\$3,878	\$747	\$1,185	\$1,589	\$2,915	\$3,849	\$4,912	\$5,626	\$4,033
2005	\$3,720	\$874	\$1,230	\$1,530	\$2,821	\$3,861	\$4,510	\$5,308	\$3,925
2006	\$3,903	\$845	\$1,219	\$1,665	\$2,888	\$4,017	\$4,756	\$5,428	\$4,391
2007	\$4,372	\$790	\$1,262	\$1,733	\$3,163	\$4,743	\$5,138	\$6,013	\$4,610
2008	\$4,694	\$885	\$1,277	\$1,815	\$3,220	\$5,167	\$5,342	\$6,624	\$5,876
2009	\$4,900	\$752	\$1,291	\$1,853	\$3,415	\$5,265	\$5,591	\$6,698	\$6,569
2010	\$5,112	\$900	\$1,302	\$1,870	\$3,559	\$5,488	\$5,850	\$6,946	\$6,987
2011	\$5,289	\$982	\$1,334	\$1,876	\$3,564	\$5,698	\$6,023	\$7,250	\$7,316
2012	\$5,546	\$833	\$1,433	\$2,007	\$3,586	\$6,021	\$6,313	\$7,412	\$8,429
2013	\$5,763	\$945	\$1,438	\$1,997	\$3,833	\$6,346	\$6,577	\$7,378	\$8,468
2014	\$5,965	\$769	\$1,489	\$2,108	\$3,888	\$6,505	\$6,781	\$7,643	\$9,214
2015	\$6,234	\$964	\$1,539	\$2,409	\$4,145	\$6,752	\$7,137	\$8,142	\$8,617
2016	\$5,731	\$995	\$1,488	\$2,405	\$4,011	\$6,271	\$6,484	\$7,244	\$7,495
2017	\$5,847	\$910	\$1,548	\$2,304	\$4,087	\$6,374	\$6,538	\$7,266	\$8,097
2001 - 2017	\$2,321	\$213	\$505	\$743	\$1,489	\$2,735	\$1,927	\$1,917	\$3,986

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 13f. Urban Oklahoma: Hospitals
Annual Average Monthly Earnings for Females by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$2,420	\$799	\$1,089	\$1,610	\$2,153	\$2,571	\$2,841	\$2,572	\$1,662
2002	\$2,529	\$873	\$1,127	\$1,653	\$2,246	\$2,671	\$2,998	\$2,723	\$1,829
2003	\$2,651	\$859	\$1,165	\$1,668	\$2,331	\$2,792	\$3,132	\$2,935	\$1,937
2004	\$2,827	\$866	\$1,209	\$1,831	\$2,455	\$2,952	\$3,315	\$3,133	\$2,123
2005	\$2,826	\$987	\$1,189	\$1,843	\$2,476	\$2,934	\$3,304	\$3,116	\$2,143
2006	\$2,955	\$961	\$1,203	\$1,888	\$2,571	\$3,089	\$3,451	\$3,310	\$2,371
2007	\$3,111	\$956	\$1,273	\$1,968	\$2,720	\$3,263	\$3,624	\$3,516	\$2,523
2008	\$3,210	\$963	\$1,324	\$2,016	\$2,839	\$3,348	\$3,730	\$3,655	\$2,628
2009	\$3,346	\$1,004	\$1,345	\$2,104	\$2,956	\$3,484	\$3,857	\$3,798	\$2,796
2010	\$3,420	\$989	\$1,360	\$2,187	\$3,009	\$3,592	\$3,880	\$3,904	\$2,861
2011	\$3,547	\$955	\$1,411	\$2,322	\$3,128	\$3,715	\$3,997	\$4,064	\$2,977
2012	\$3,641	\$1,093	\$1,411	\$2,355	\$3,180	\$3,847	\$4,083	\$4,238	\$3,162
2013	\$3,750	\$875	\$1,427	\$2,365	\$3,254	\$3,974	\$4,211	\$4,410	\$3,333
2014	\$3,868	\$1,037	\$1,455	\$2,465	\$3,372	\$4,089	\$4,350	\$4,532	\$3,420
2015	\$4,097	\$993	\$1,559	\$2,614	\$3,574	\$4,318	\$4,597	\$4,791	\$3,703
2016	\$4,060	\$1,055	\$1,579	\$2,586	\$3,578	\$4,239	\$4,572	\$4,726	\$3,805
2017	\$4,141	\$1,275	\$1,556	\$2,584	\$3,609	\$4,373	\$4,696	\$4,821	\$3,862
2001 - 2017	\$1,721	\$476	\$467	\$974	\$1,456	\$1,802	\$1,855	\$2,249	\$2,200

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 14f. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Monthly Earnings for Both Genders by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$1,428	\$572	\$784	\$1,000	\$1,362	\$1,529	\$1,747	\$1,678	\$1,303
2002	\$1,510	\$619	\$882	\$1,057	\$1,437	\$1,643	\$1,833	\$1,785	\$1,355
2003	\$1,534	\$640	\$900	\$1,078	\$1,441	\$1,673	\$1,838	\$1,831	\$1,355
2004	\$1,607	\$672	\$938	\$1,128	\$1,495	\$1,735	\$1,929	\$1,923	\$1,422
2005	\$1,619	\$657	\$920	\$1,119	\$1,484	\$1,747	\$1,934	\$2,001	\$1,448
2006	\$1,720	\$661	\$969	\$1,204	\$1,540	\$1,888	\$2,054	\$2,132	\$1,541
2007	\$1,804	\$671	\$1,005	\$1,224	\$1,626	\$2,009	\$2,122	\$2,218	\$1,601
2008	\$1,883	\$699	\$1,031	\$1,300	\$1,712	\$2,078	\$2,205	\$2,314	\$1,637
2009	\$1,912	\$696	\$1,058	\$1,326	\$1,714	\$2,109	\$2,213	\$2,390	\$1,690
2010	\$1,935	\$726	\$1,059	\$1,325	\$1,748	\$2,136	\$2,211	\$2,398	\$1,776
2011	\$2,011	\$716	\$1,063	\$1,365	\$1,809	\$2,244	\$2,298	\$2,485	\$1,880
2012	\$2,042	\$731	\$1,067	\$1,390	\$1,813	\$2,286	\$2,355	\$2,523	\$1,997
2013	\$2,059	\$753	\$1,087	\$1,370	\$1,844	\$2,287	\$2,393	\$2,493	\$2,059
2014	\$2,121	\$743	\$1,114	\$1,383	\$1,890	\$2,341	\$2,485	\$2,549	\$2,133
2015	\$2,192	\$741	\$1,125	\$1,386	\$1,951	\$2,385	\$2,600	\$2,633	\$2,185
2016	\$2,204	\$796	\$1,186	\$1,382	\$1,931	\$2,383	\$2,607	\$2,646	\$2,222
2017	\$2,233	\$779	\$1,204	\$1,451	\$1,956	\$2,440	\$2,613	\$2,648	\$2,254
2001 - 2017	\$805	\$207	\$420	\$451	\$594	\$911	\$866	\$970	\$951

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 15f. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Monthly Earnings for Males by Age Group**

Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$1,535	\$538	\$777	\$973	\$1,446	\$1,700	\$2,025	\$1,932	\$1,604
2002	\$1,596	\$634	\$896	\$1,027	\$1,499	\$1,814	\$2,056	\$2,065	\$1,607
2003	\$1,590	\$654	\$880	\$1,059	\$1,462	\$1,805	\$2,041	\$2,106	\$1,415
2004	\$1,696	\$670	\$905	\$1,106	\$1,543	\$1,872	\$2,213	\$2,243	\$1,452
2005	\$1,706	\$625	\$881	\$1,096	\$1,525	\$1,859	\$2,250	\$2,377	\$1,425
2006	\$1,801	\$635	\$972	\$1,197	\$1,559	\$1,968	\$2,289	\$2,546	\$1,565
2007	\$1,905	\$660	\$1,051	\$1,247	\$1,662	\$2,101	\$2,415	\$2,617	\$1,627
2008	\$1,999	\$638	\$1,051	\$1,323	\$1,774	\$2,199	\$2,453	\$2,730	\$1,645
2009	\$2,005	\$669	\$980	\$1,279	\$1,764	\$2,244	\$2,399	\$2,766	\$1,736
2010	\$2,038	\$635	\$1,054	\$1,285	\$1,777	\$2,317	\$2,413	\$2,746	\$1,760
2011	\$2,111	\$631	\$1,052	\$1,318	\$1,796	\$2,372	\$2,510	\$2,898	\$1,920
2012	\$2,117	\$627	\$1,001	\$1,353	\$1,801	\$2,340	\$2,525	\$2,836	\$2,123
2013	\$2,104	\$685	\$1,014	\$1,308	\$1,836	\$2,255	\$2,537	\$2,718	\$2,118
2014	\$2,180	\$683	\$1,075	\$1,363	\$1,892	\$2,315	\$2,629	\$2,806	\$2,208
2015	\$2,316	\$721	\$1,107	\$1,417	\$2,000	\$2,458	\$2,788	\$2,931	\$2,235
2016	\$2,315	\$711	\$1,105	\$1,385	\$2,001	\$2,429	\$2,806	\$2,825	\$2,261
2017	\$2,335	\$667	\$1,206	\$1,440	\$1,983	\$2,493	\$2,811	\$2,794	\$2,397
2001 - 2017	\$800	\$129	\$429	\$467	\$537	\$793	\$786	\$862	\$793

Note: Using Beginning of Quarter Employment Counts.

Appendix D: Urban Oklahoma Earnings Tables by Industry Group, Age Group and Gender Group

**Table 16f. Urban Oklahoma: Nursing and Residential Care Facilities
Annual Average Monthly Earnings for Females by Age Group**

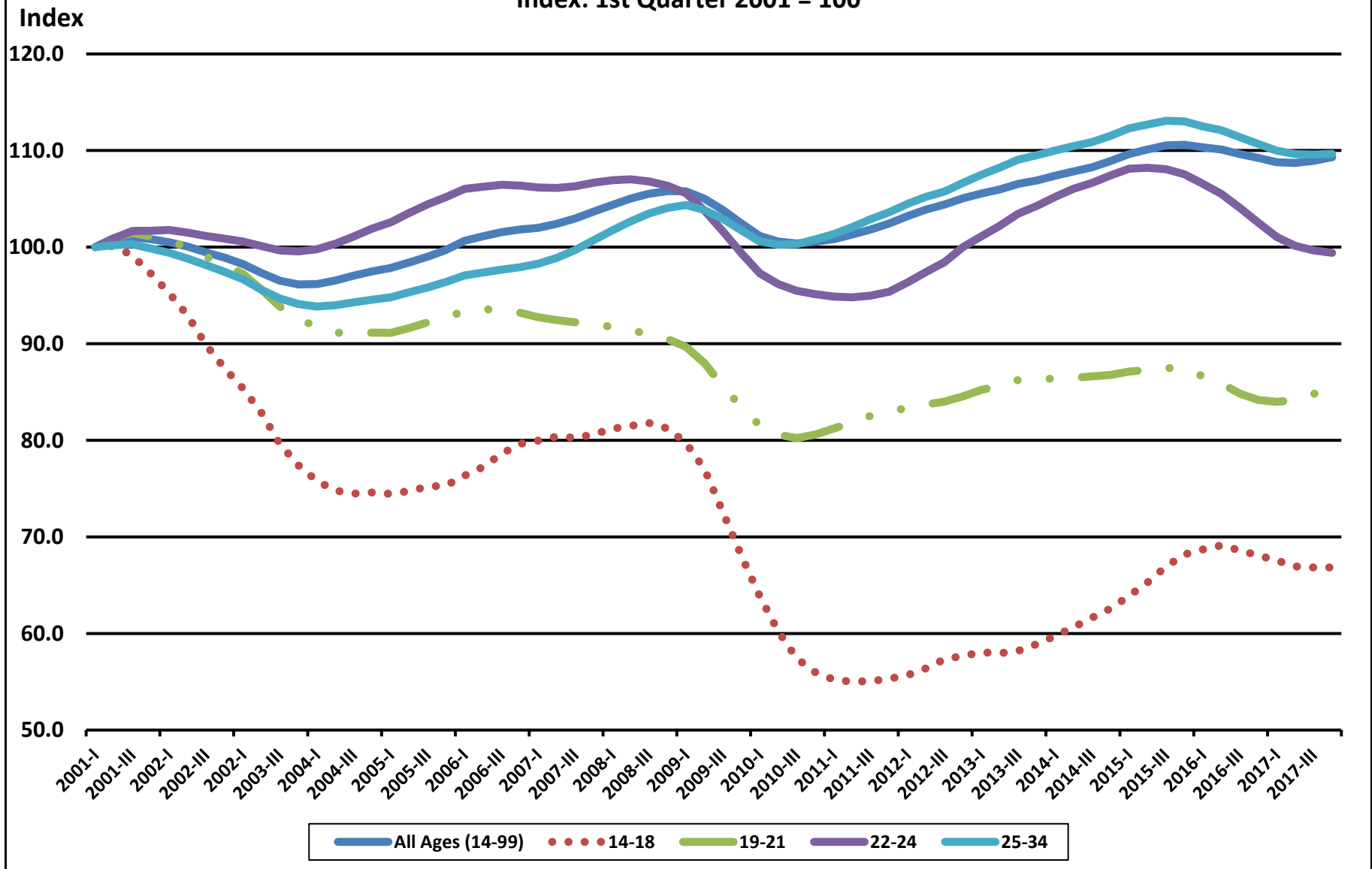
Year	Employee Age Group								
	All Ages (14 to 99)	Ages 14 to 18	Ages 19 to 21	Ages 22 to 24	Ages 25 to 34	Ages 35 to 44	Ages 45 to 54	Ages 55 to 64	Ages 65 to 99
2001	\$1,400	\$587	\$786	\$1,008	\$1,337	\$1,484	\$1,683	\$1,629	\$1,237
2002	\$1,486	\$612	\$878	\$1,065	\$1,418	\$1,600	\$1,783	\$1,728	\$1,297
2003	\$1,519	\$633	\$906	\$1,083	\$1,435	\$1,639	\$1,793	\$1,774	\$1,341
2004	\$1,584	\$673	\$948	\$1,135	\$1,482	\$1,699	\$1,868	\$1,856	\$1,415
2005	\$1,596	\$673	\$932	\$1,127	\$1,472	\$1,717	\$1,863	\$1,919	\$1,453
2006	\$1,698	\$673	\$968	\$1,206	\$1,535	\$1,866	\$1,999	\$2,033	\$1,534
2007	\$1,777	\$677	\$991	\$1,218	\$1,616	\$1,984	\$2,054	\$2,123	\$1,595
2008	\$1,852	\$727	\$1,026	\$1,294	\$1,694	\$2,047	\$2,147	\$2,211	\$1,635
2009	\$1,887	\$708	\$1,080	\$1,340	\$1,699	\$2,072	\$2,167	\$2,295	\$1,678
2010	\$1,907	\$763	\$1,061	\$1,337	\$1,739	\$2,085	\$2,160	\$2,310	\$1,780
2011	\$1,983	\$753	\$1,066	\$1,378	\$1,813	\$2,207	\$2,241	\$2,380	\$1,869
2012	\$2,021	\$777	\$1,086	\$1,400	\$1,817	\$2,269	\$2,309	\$2,437	\$1,959
2013	\$2,047	\$783	\$1,107	\$1,388	\$1,846	\$2,296	\$2,352	\$2,430	\$2,041
2014	\$2,105	\$768	\$1,125	\$1,388	\$1,889	\$2,348	\$2,444	\$2,476	\$2,109
2015	\$2,157	\$748	\$1,130	\$1,378	\$1,938	\$2,365	\$2,544	\$2,546	\$2,169
2016	\$2,173	\$831	\$1,204	\$1,381	\$1,913	\$2,371	\$2,547	\$2,593	\$2,209
2017	\$2,206	\$819	\$1,203	\$1,453	\$1,949	\$2,427	\$2,557	\$2,606	\$2,203
2001 - 2017	\$806	\$232	\$417	\$445	\$612	\$943	\$874	\$977	\$966

Note: Using Beginning of Quarter Employment Counts.

Appendix E: Urban Oklahoma Employment Charts by Industry Group and Age Group

Chart 1e. Urban Oklahoma: All Industries, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old

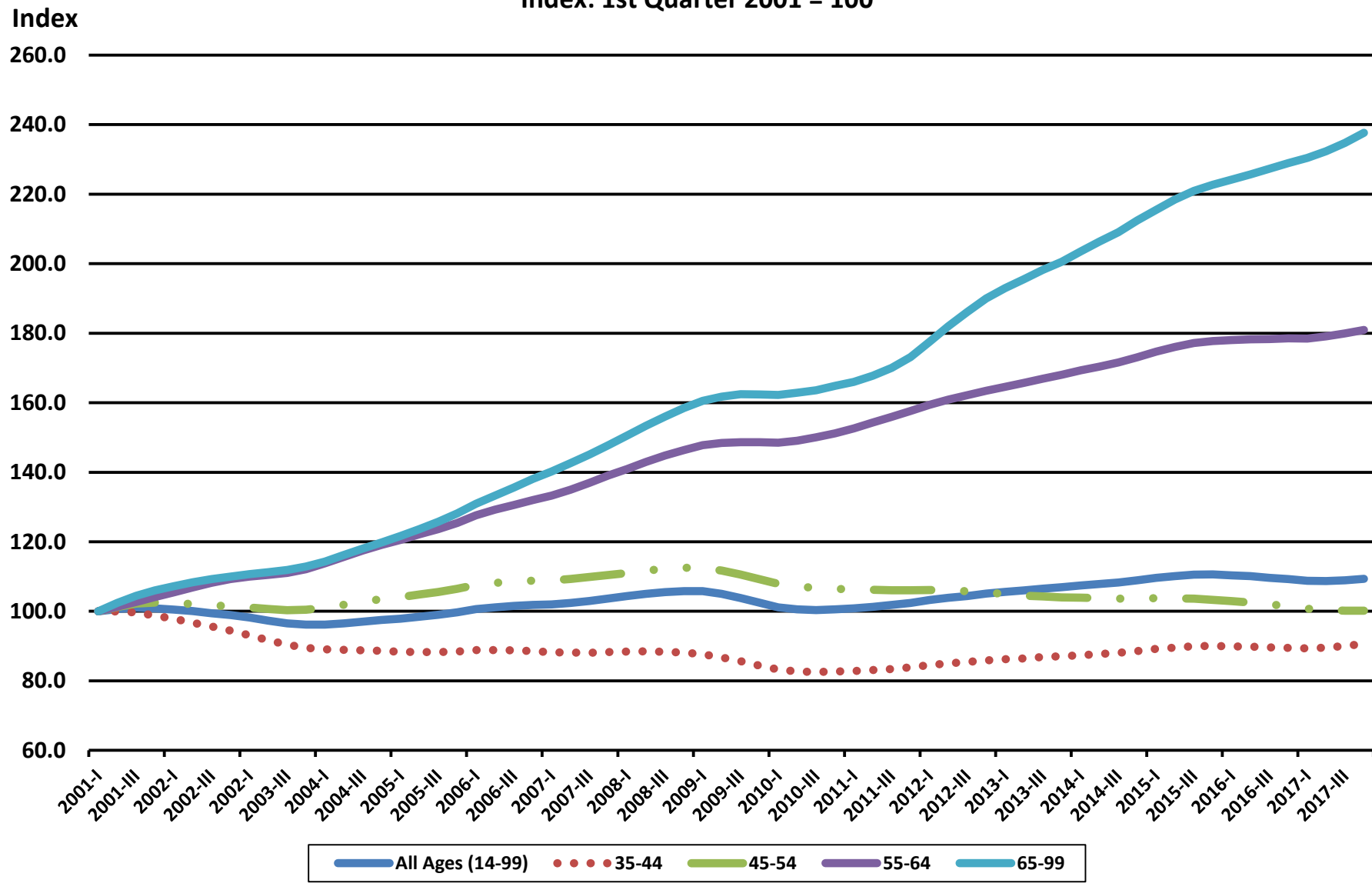
Index: 1st Quarter 2001 = 100



Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

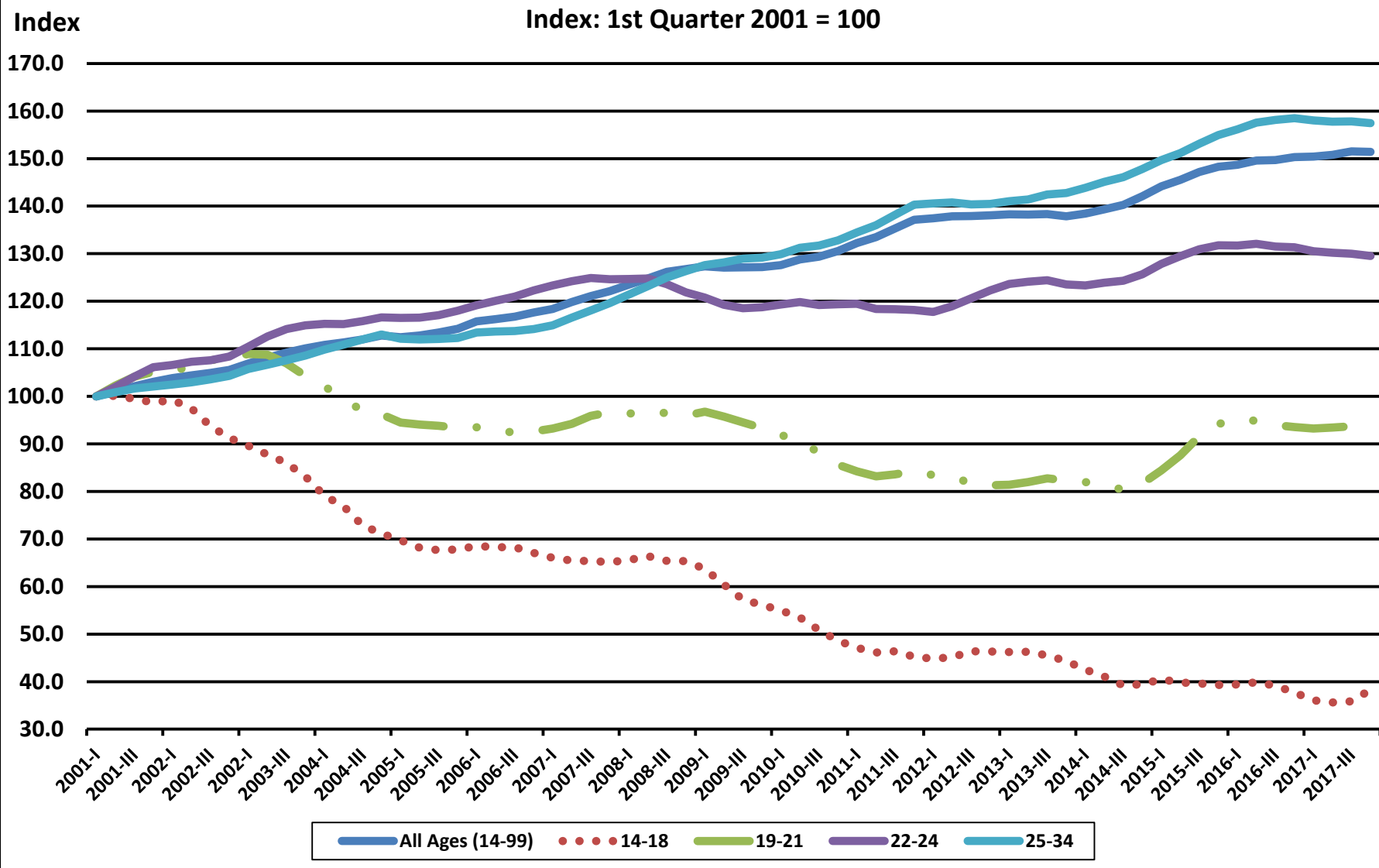
Chart 2e. Urban Oklahoma: All Industries, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old

Index: 1st Quarter 2001 = 100



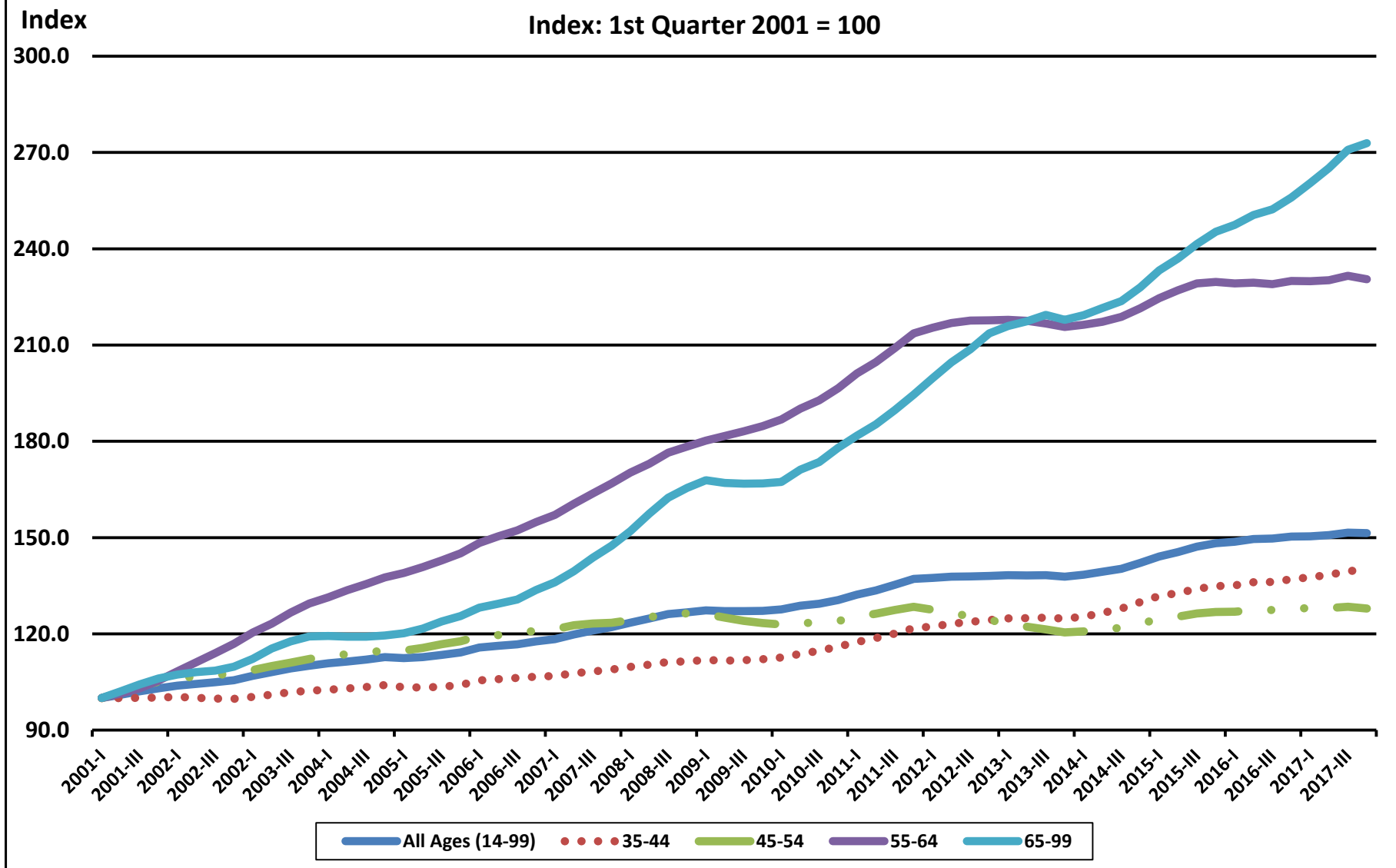
Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

Chart 3e. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old



Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

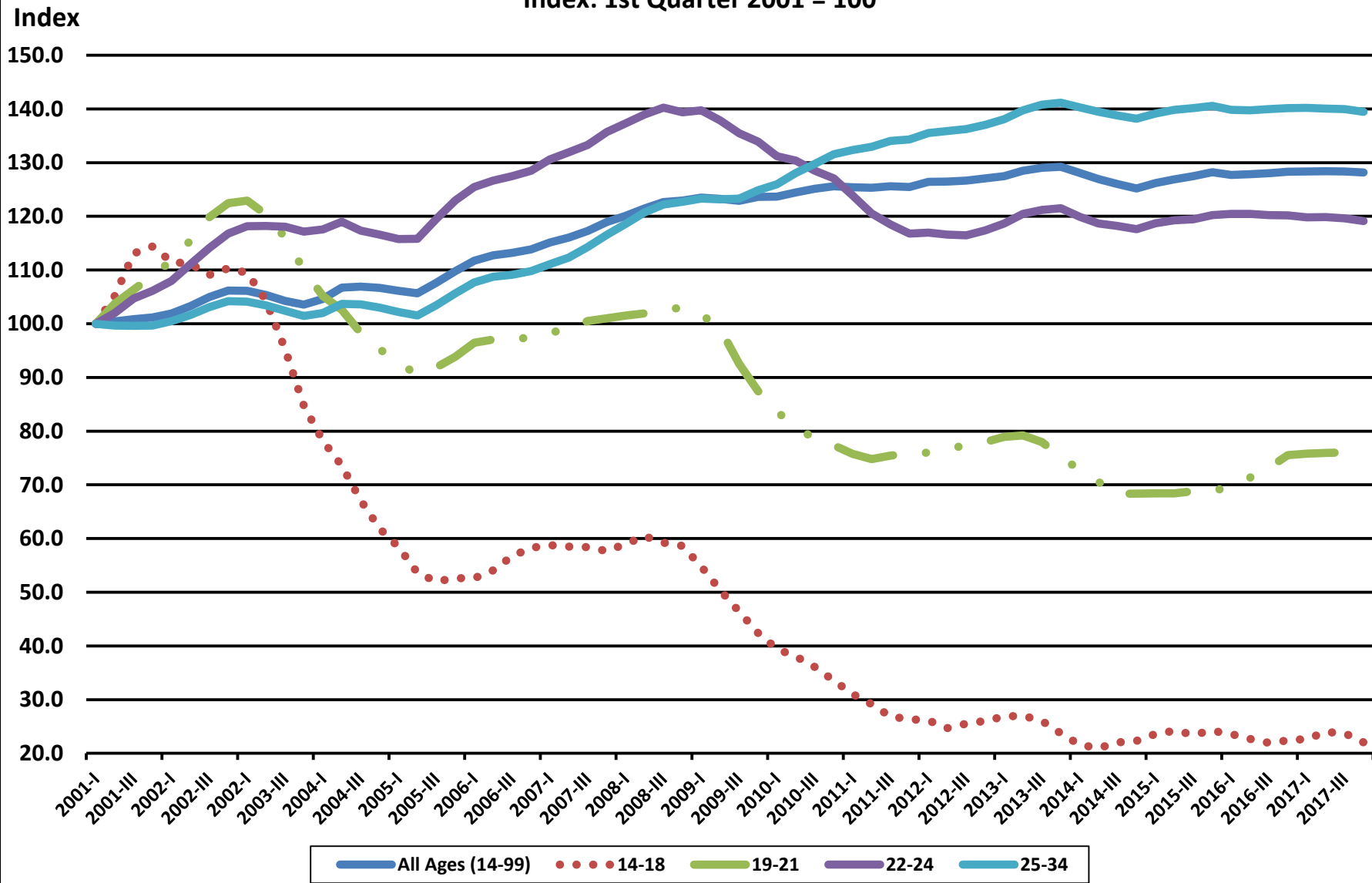
Chart 4e. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old



Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

Chart 5e. Urban Oklahoma: Hospitals, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old

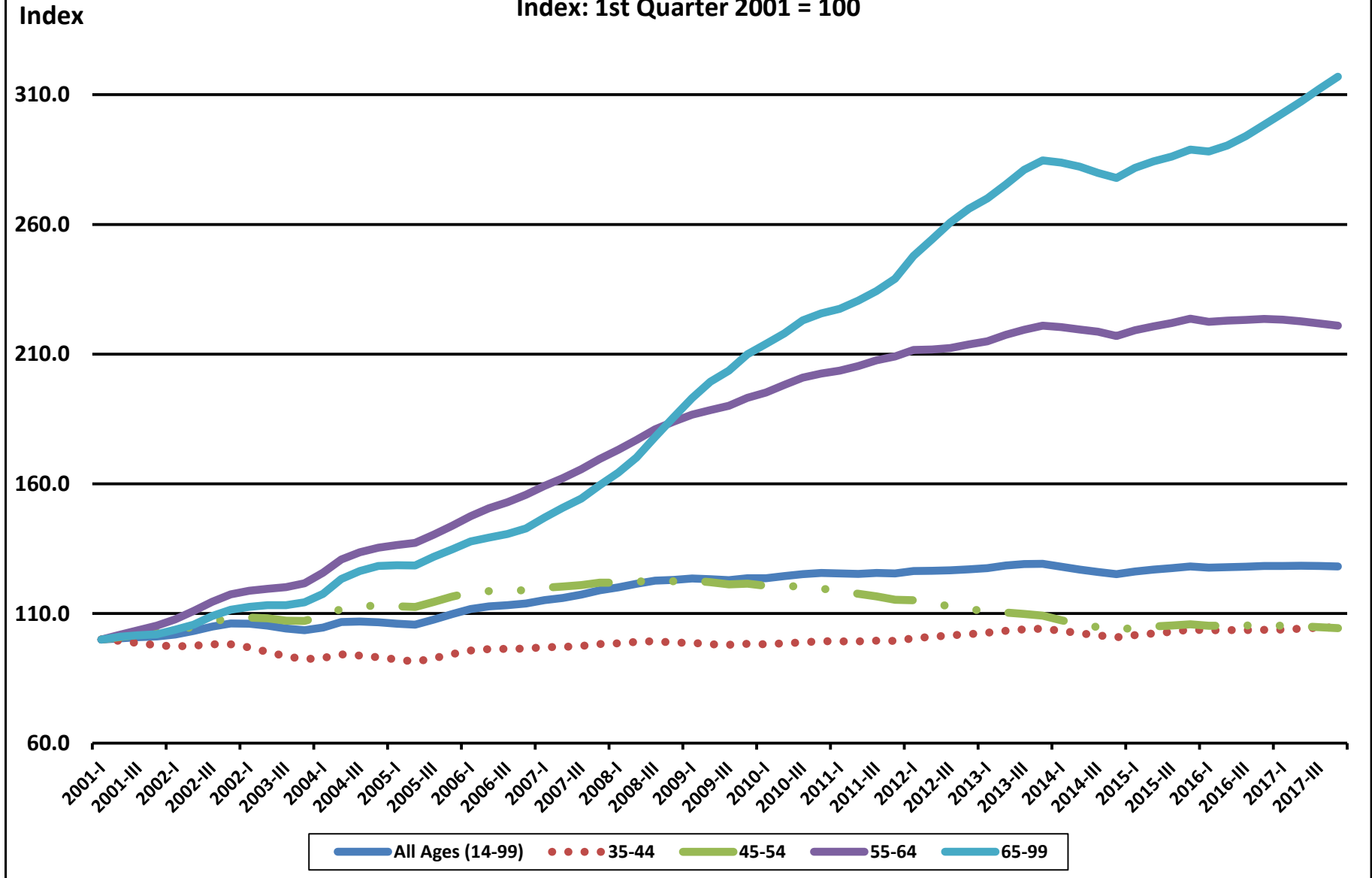
Index: 1st Quarter 2001 = 100



Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

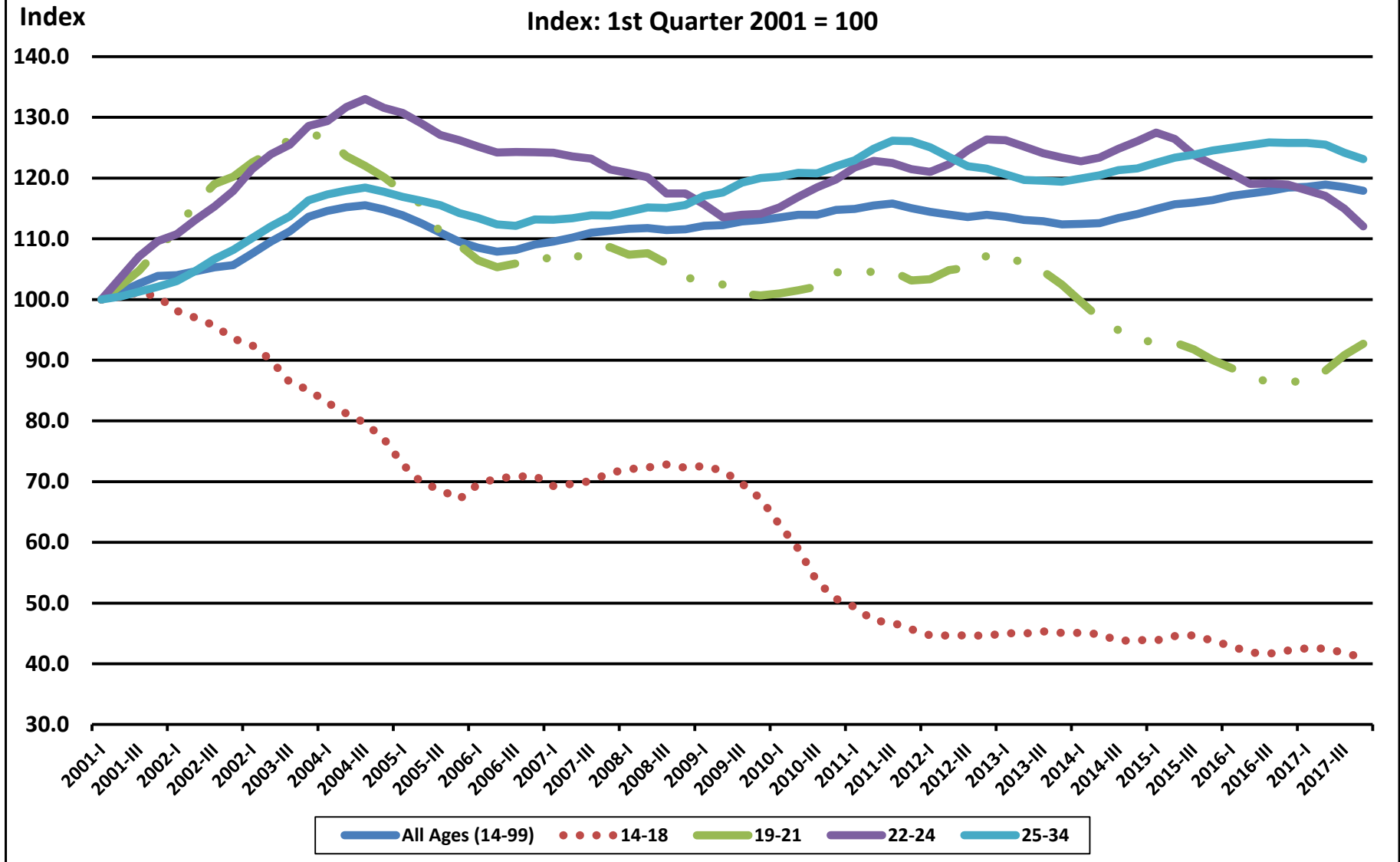
**Chart 6e. Urban Oklahoma: Hospitals, Four Quarter Moving Average
Employment by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old**

Index: 1st Quarter 2001 = 100



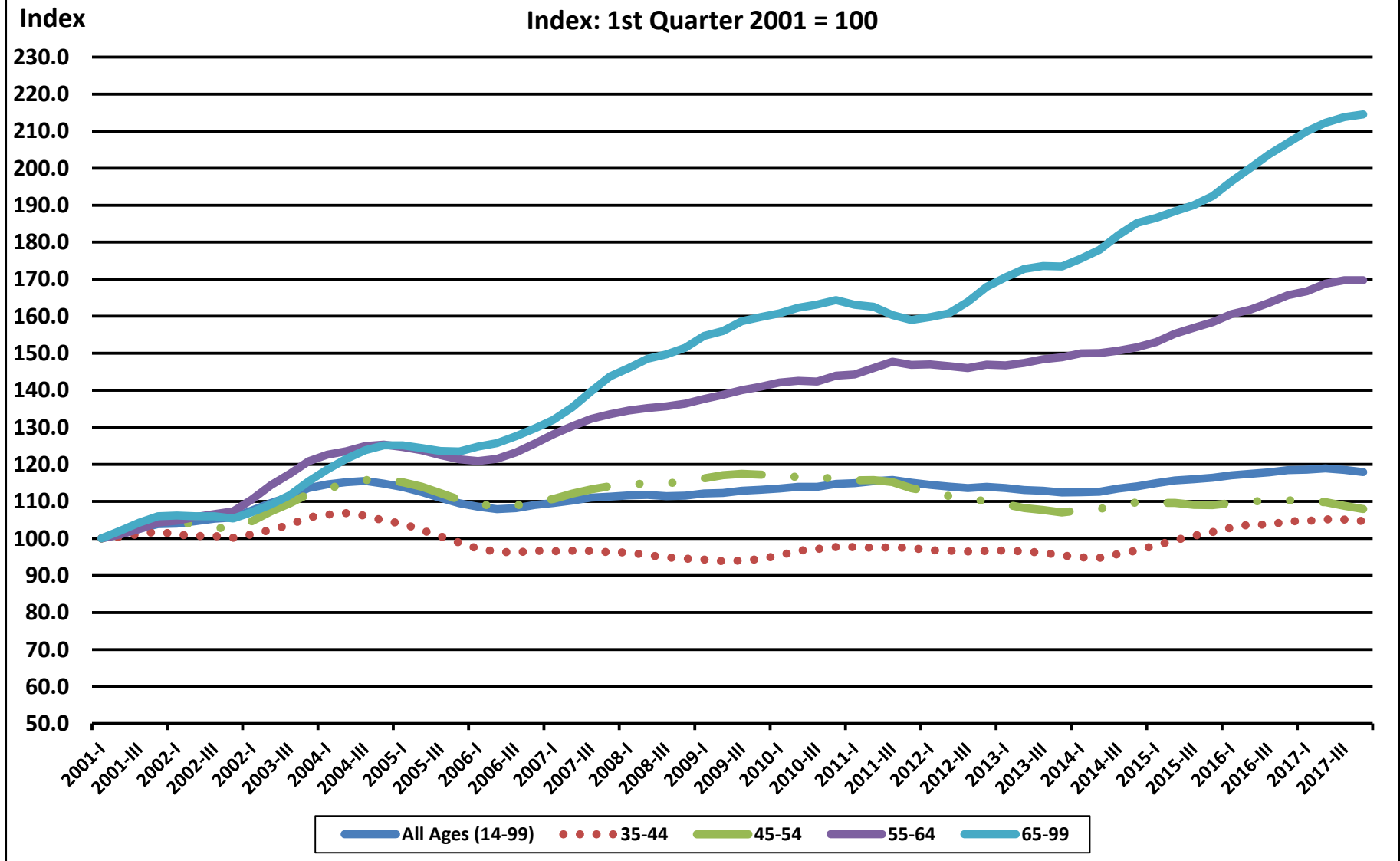
Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

Chart 7e. Urban Oklahoma: Nursing and Residential Care Facilities, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old



Appendix E: Rural Oklahoma Employment Charts by Industry Group and Age Group

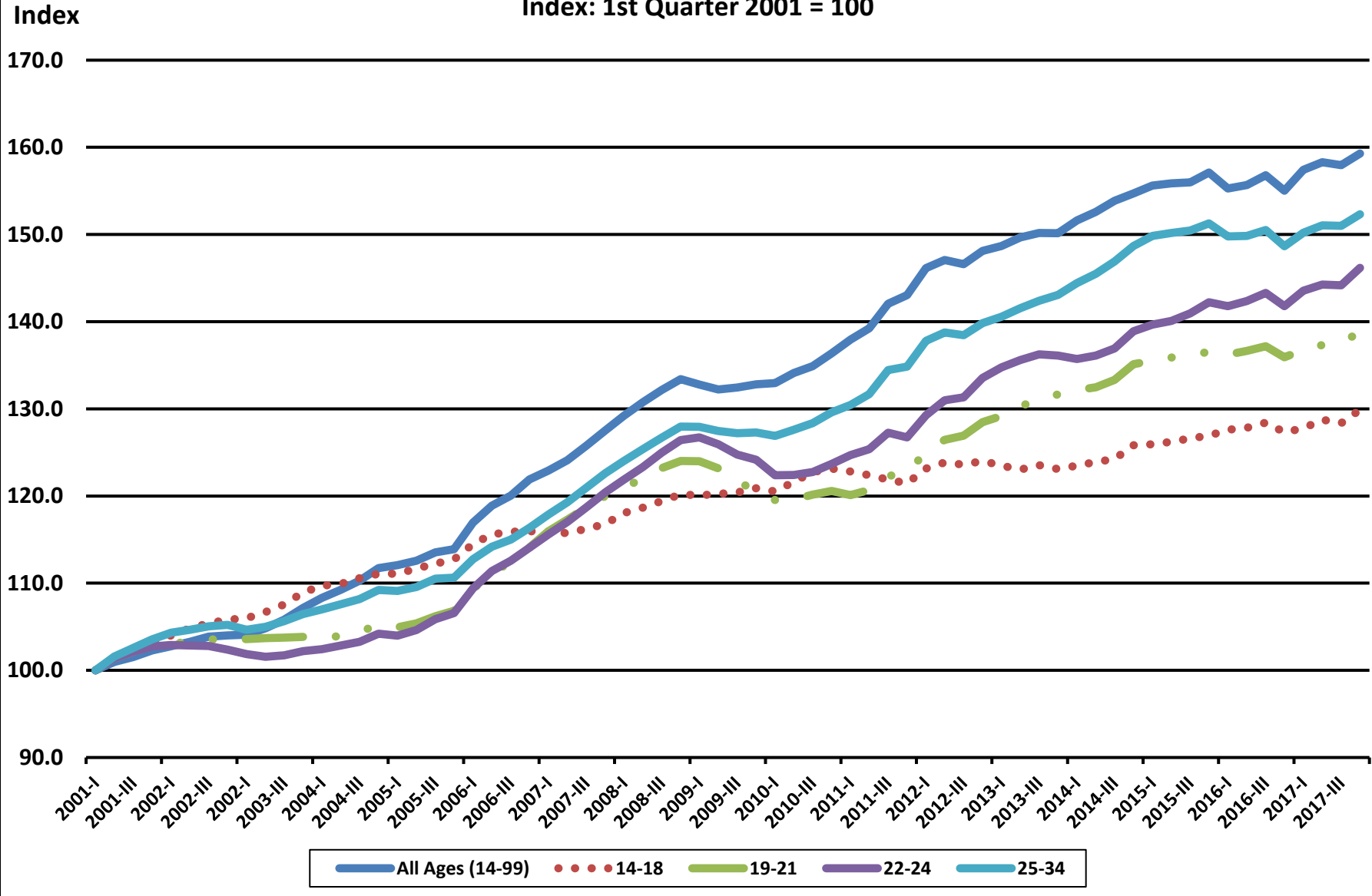
Chart 8e. Urban Oklahoma: Nursing and Residential Care Facilities, Four Quarter Moving Average Employment by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old



Appendix F: Urban Oklahoma Earnings Charts by Industry Group and Age Group

Chart 1f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old

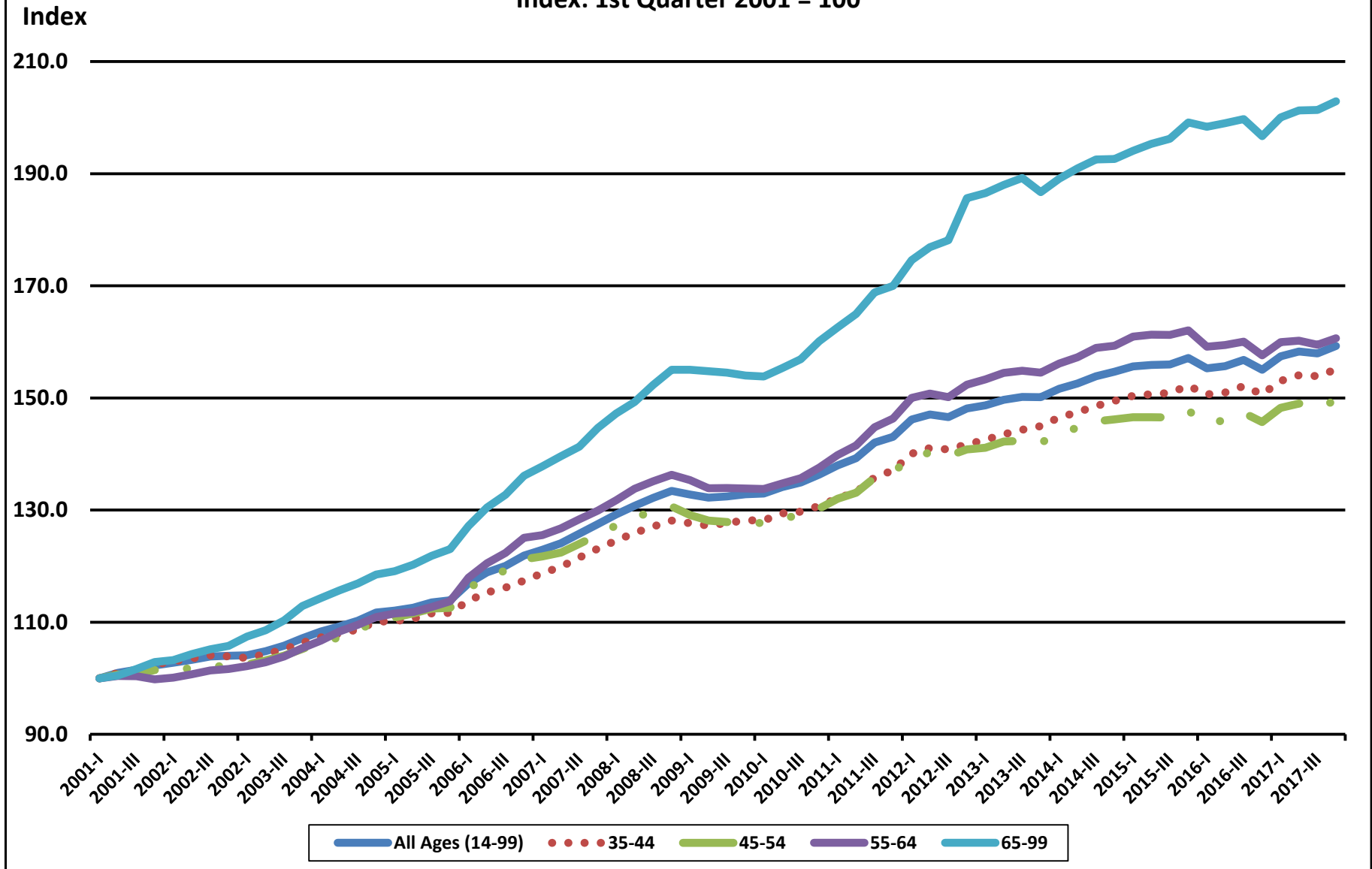
Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

Chart 2f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old

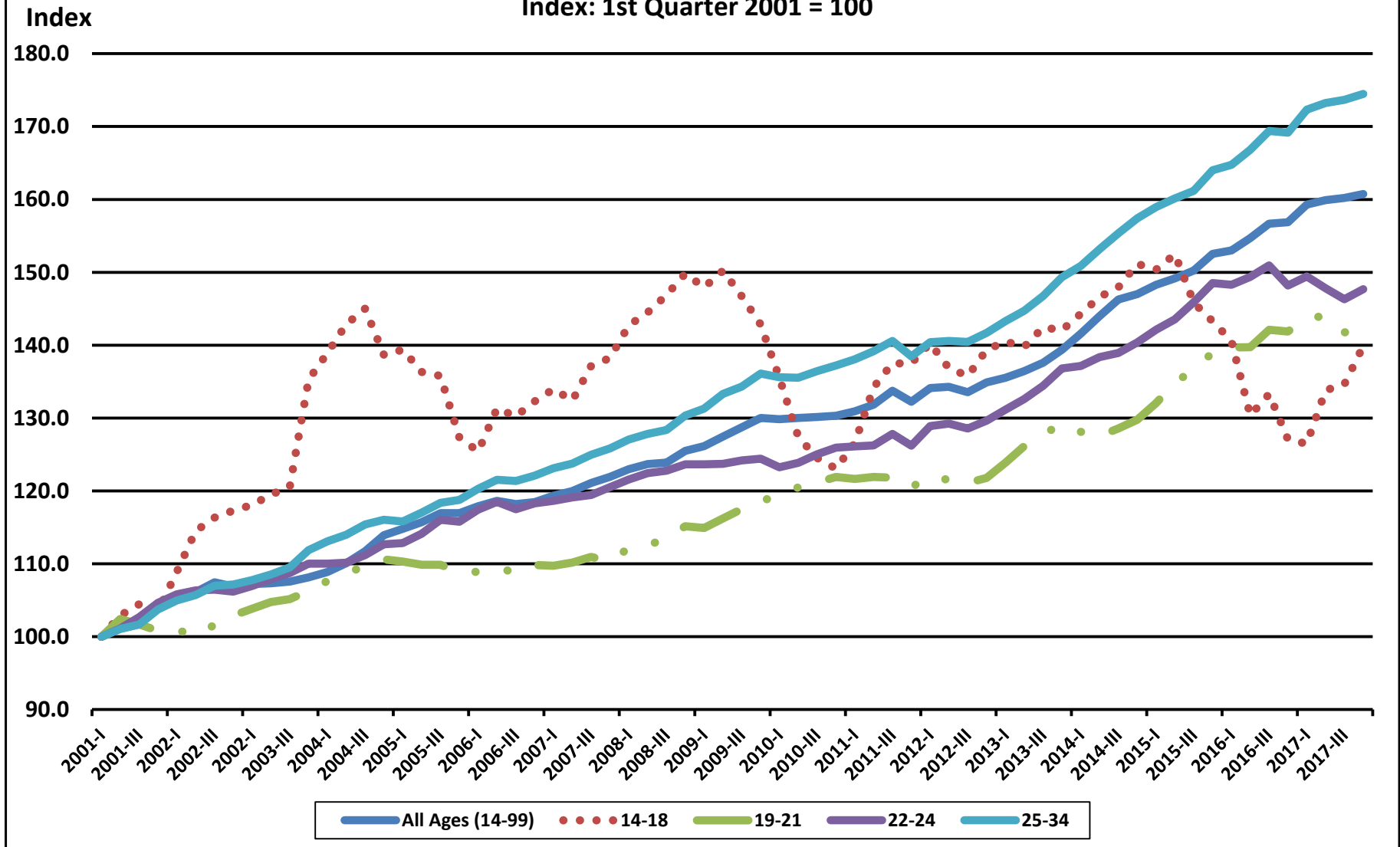
Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

Chart 3f. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old

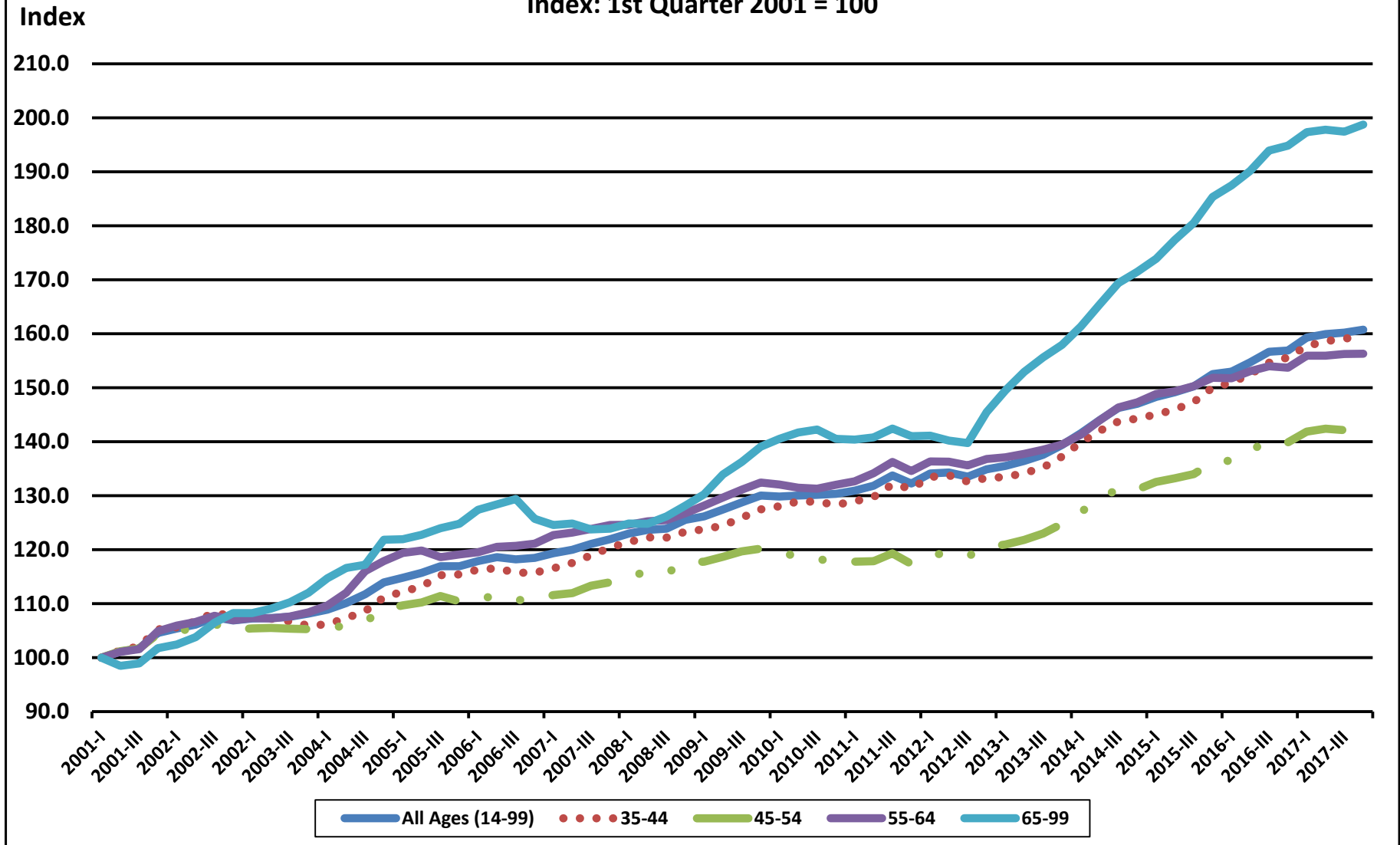
Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

**Chart 4f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and
Age Groups 35 to 99 Years Old**

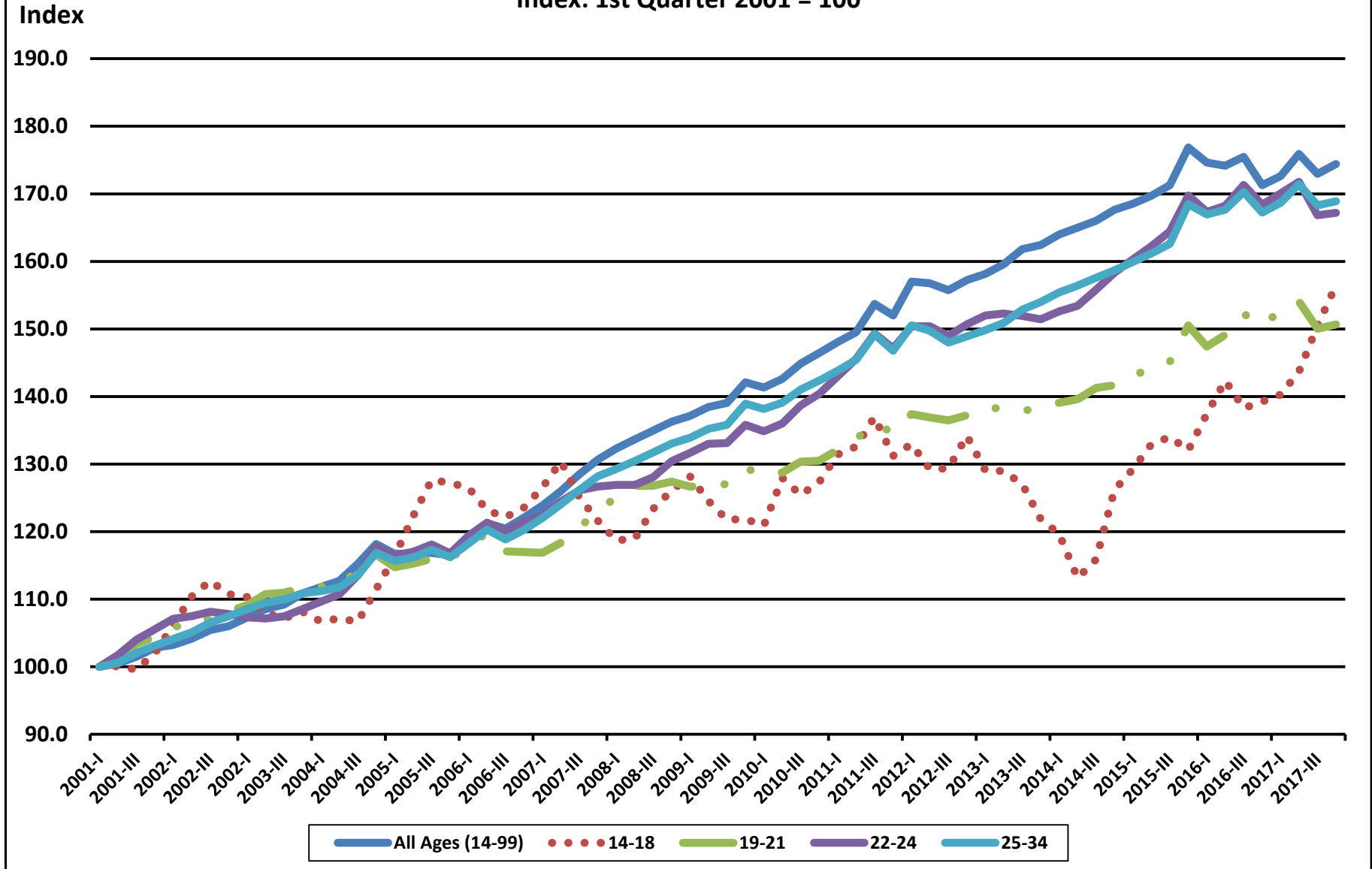
Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

Chart 5f. Urban Oklahoma: Hospitals, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Age Groups 14 to 34 Years Old

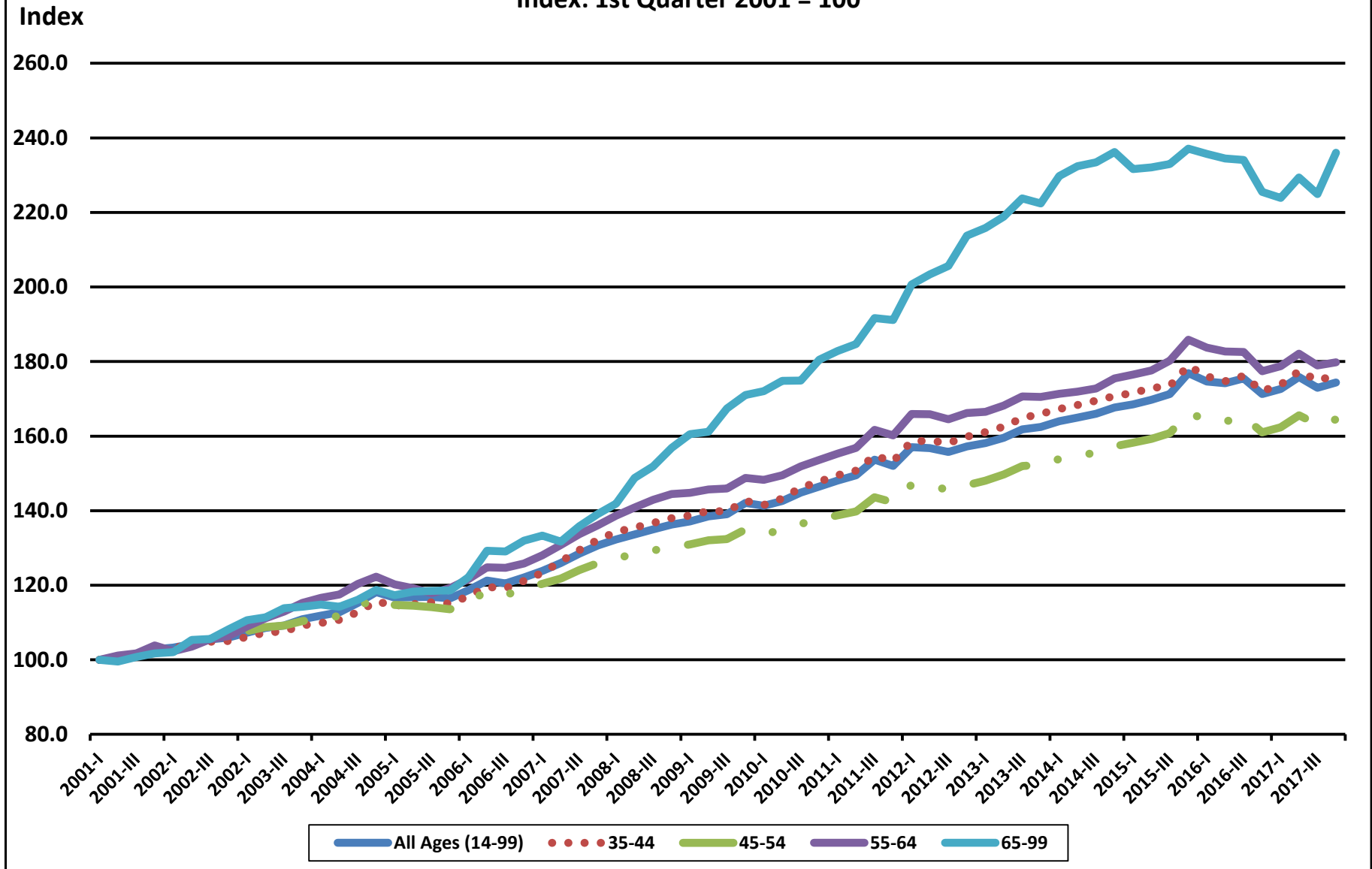
Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

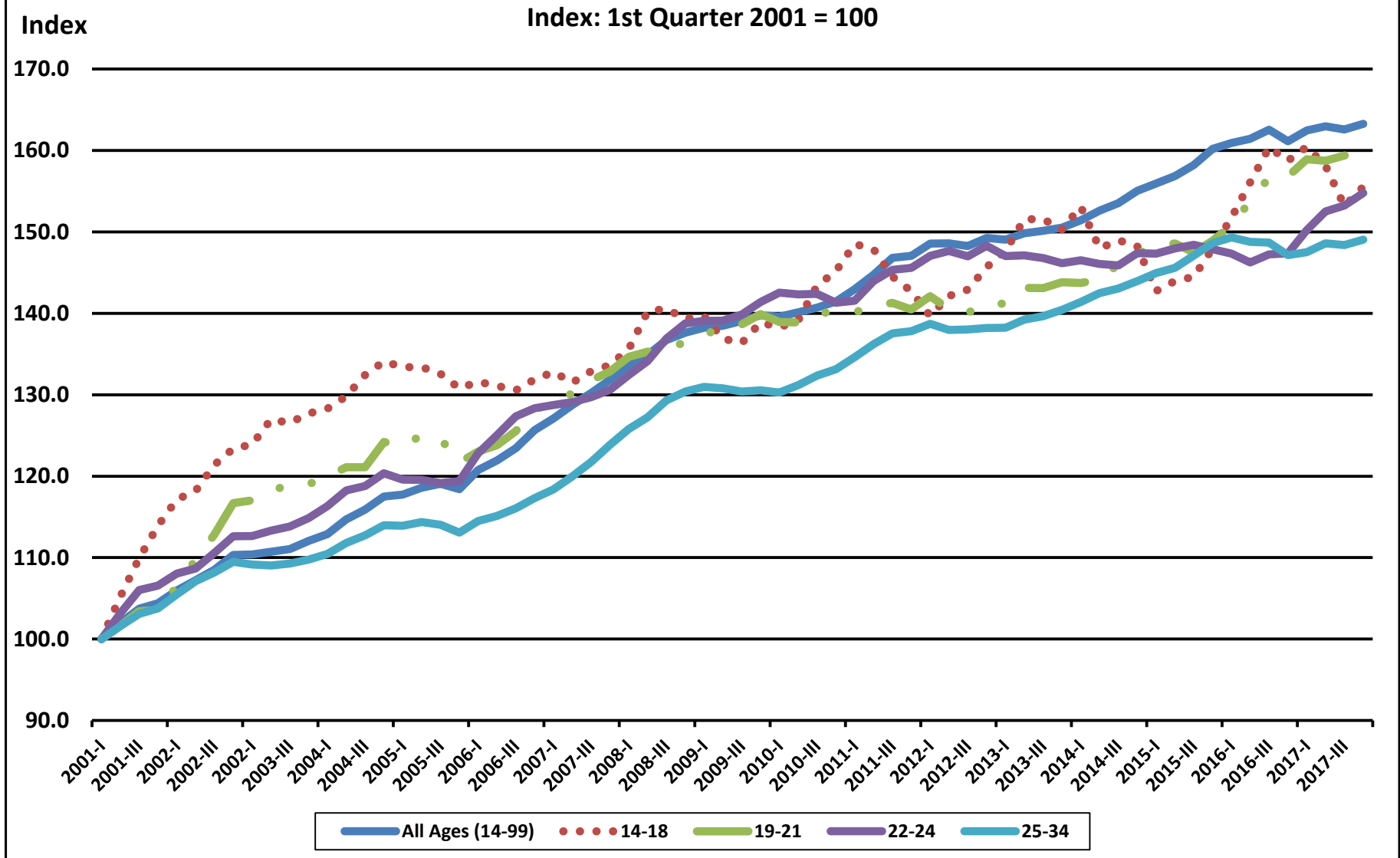
Chart 6f. Urban Oklahoma: Hospitals, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Age Groups 35 to 99 Years Old

Index: 1st Quarter 2001 = 100



Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

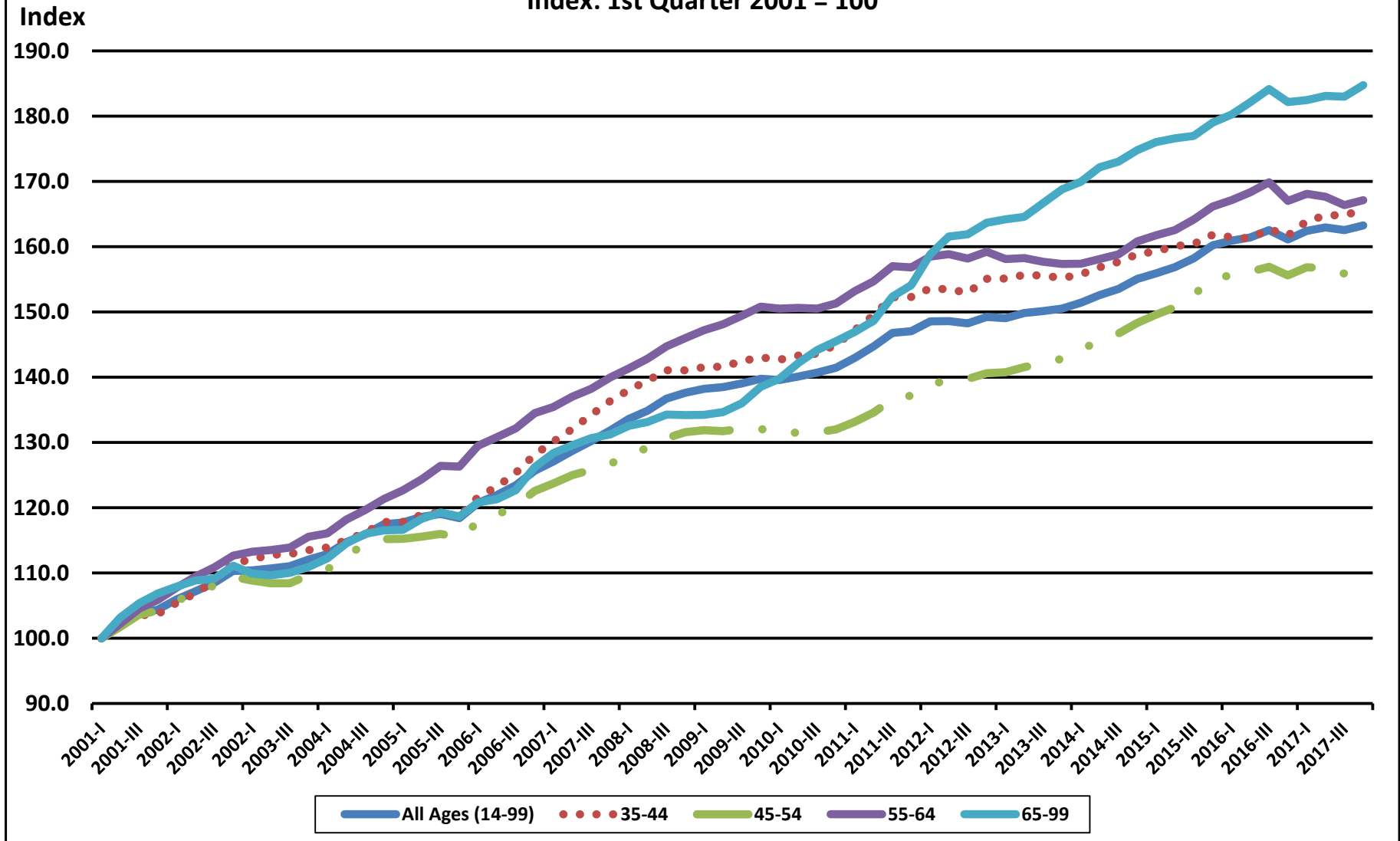
**Chart 7f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and
Age Groups 14 to 34 Years Old**



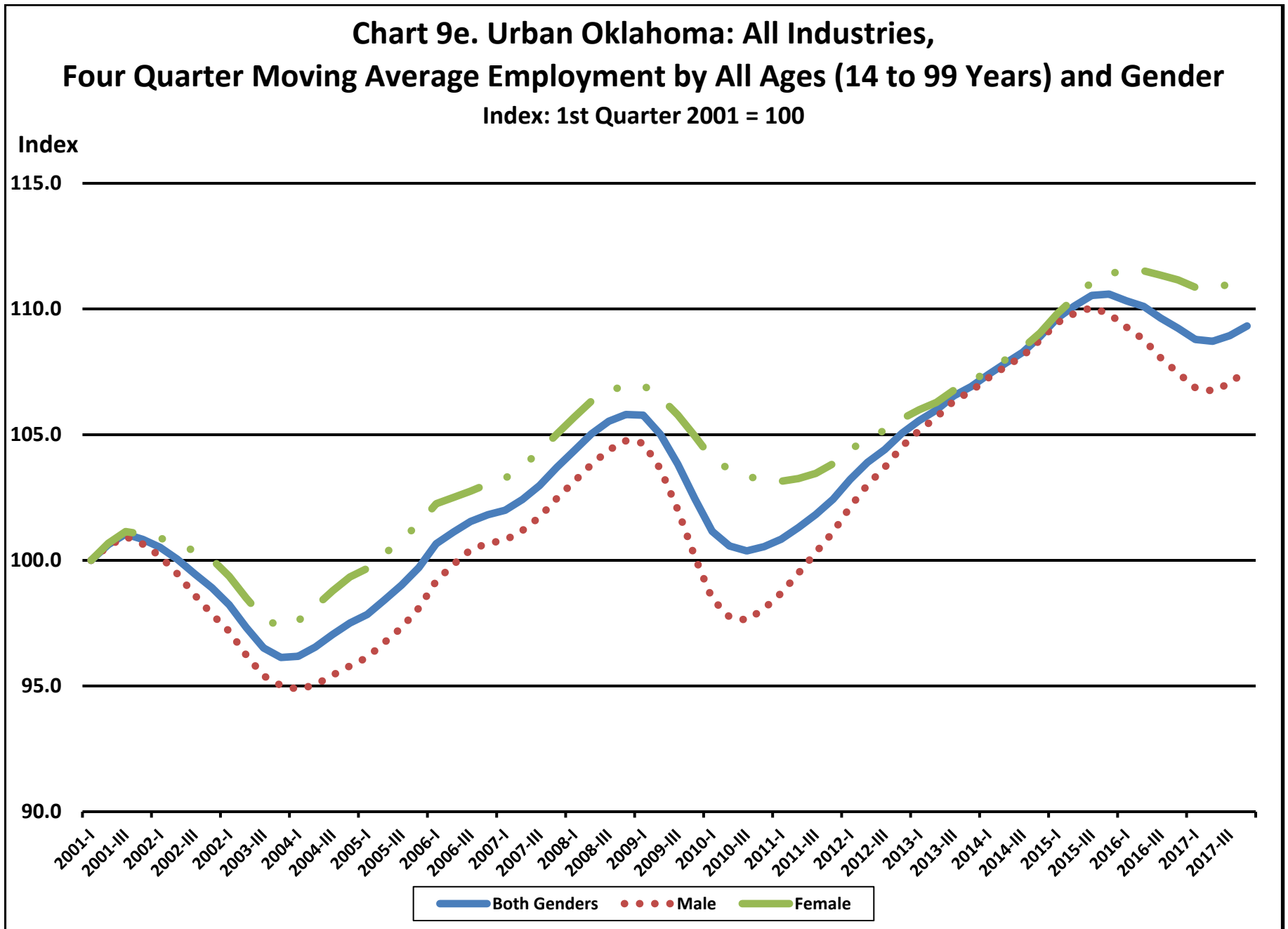
Appendix F: Rural Oklahoma Earnings Charts by Industry Group and Age Group

**Chart 8f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and
Age Groups 35 to 99 Years Old**

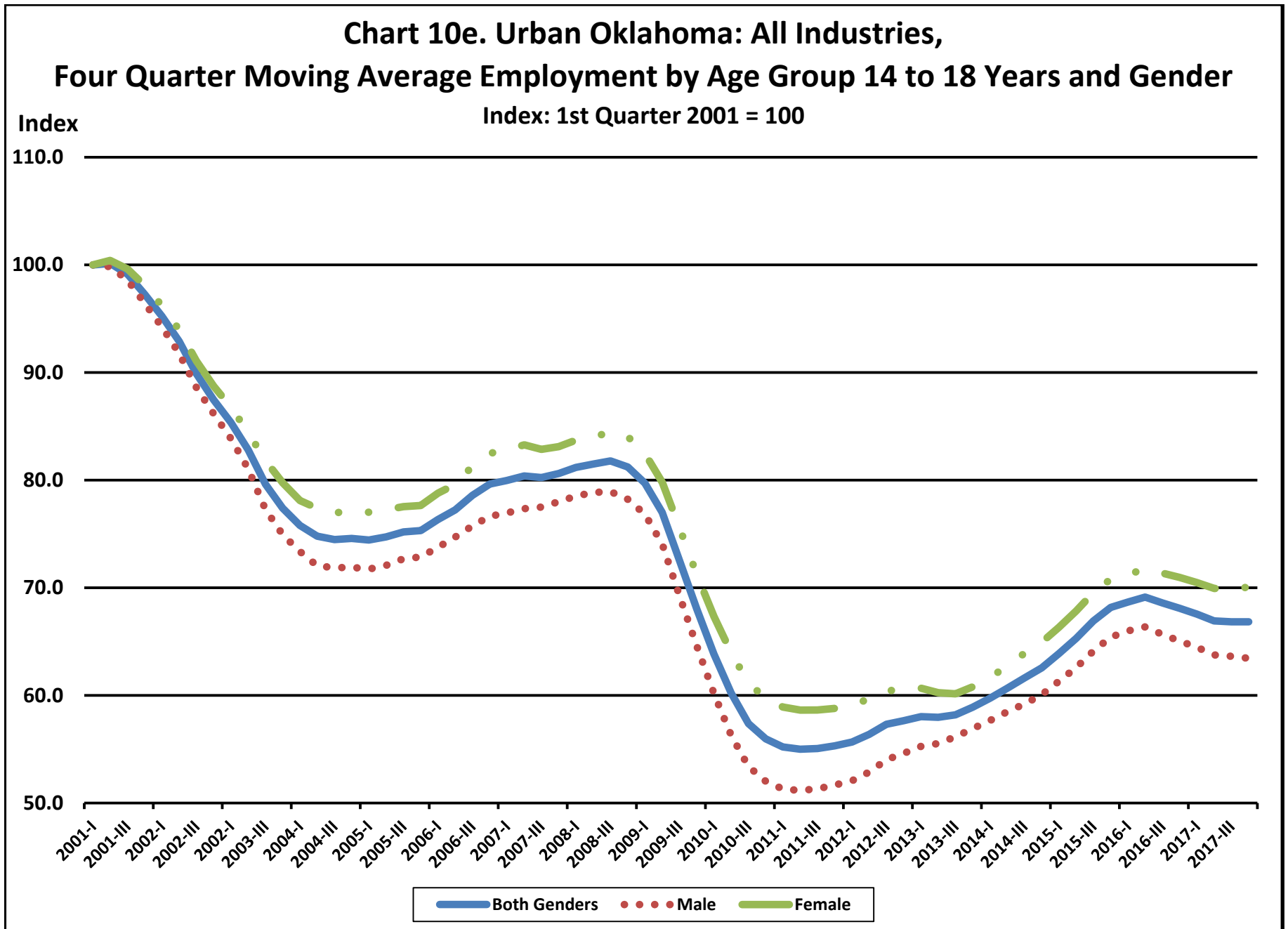
Index: 1st Quarter 2001 = 100



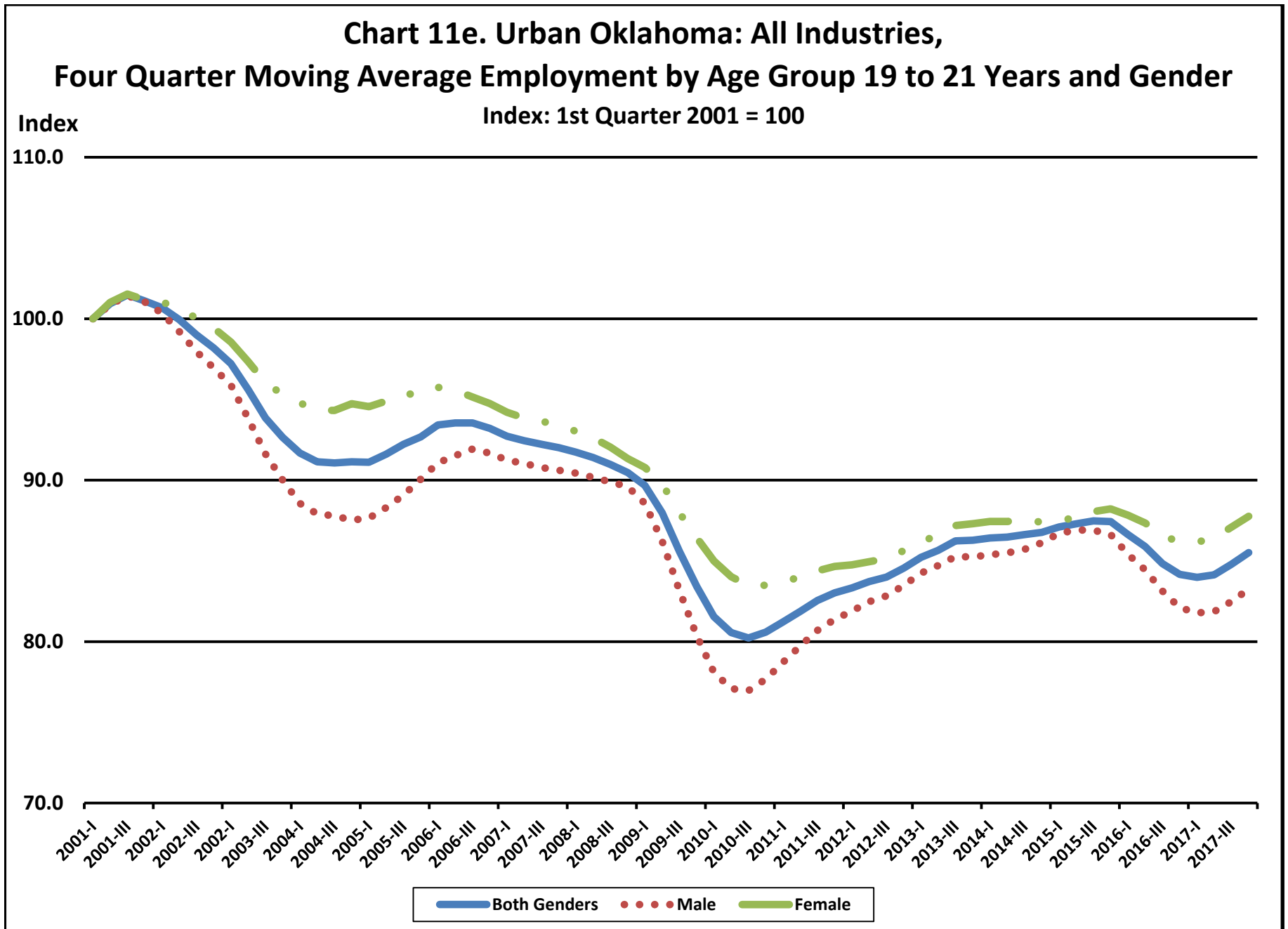
Appendix G: Urban Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 12e. Urban Oklahoma: All Industries,

Four Quarter Moving Average Employment by Age Group 22 to 24 Years and Gender

Index: 1st Quarter 2001 = 100

Index

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110.0

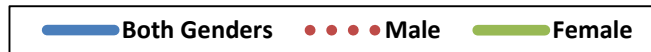
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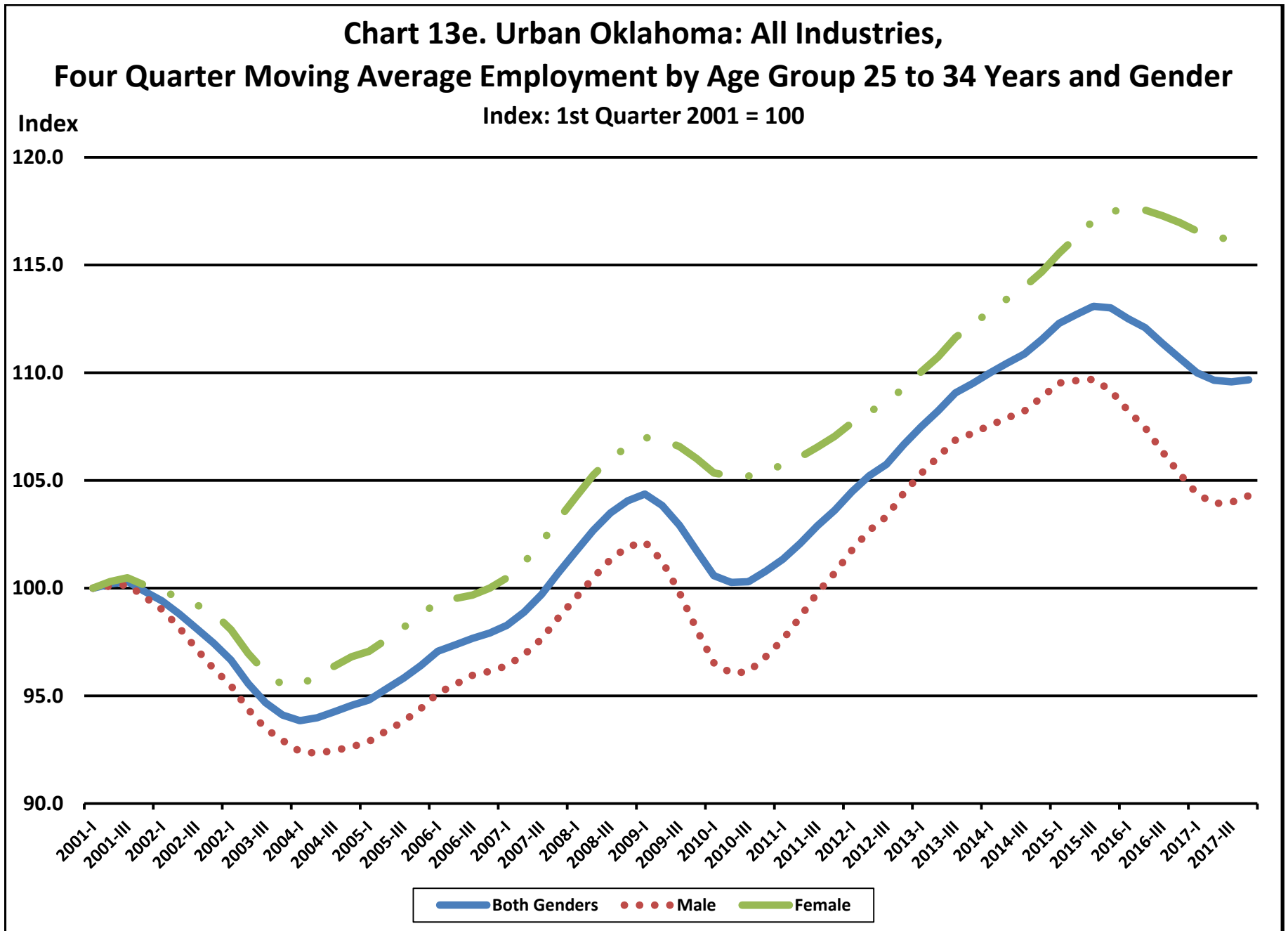
95.0

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2001-I 2001-III 2002-I 2002-III 2003-I 2003-III 2004-I 2004-III 2005-I 2005-III 2006-I 2006-III 2007-I 2007-III 2008-I 2008-III 2009-I 2009-III 2010-I 2010-III 2011-I 2011-III 2012-I 2012-III 2013-I 2013-III 2014-I 2014-III 2015-I 2015-III 2016-I 2016-III 2017-I 2017-III



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

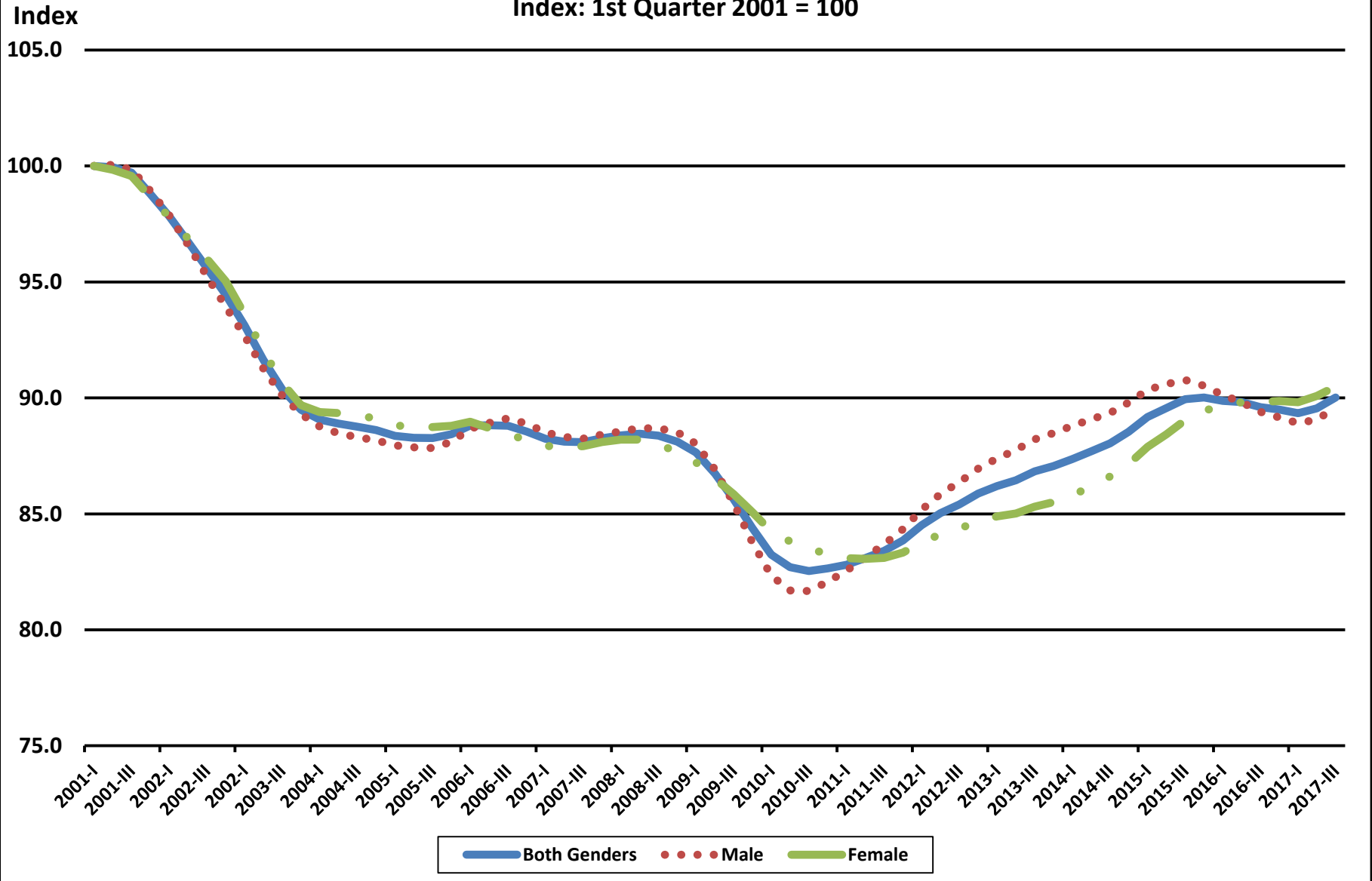


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 14e. Urban Oklahoma: All Industries,

Four Quarter Moving Average Employment by Age Group 34 to 44 Years and Gender

Index: 1st Quarter 2001 = 100

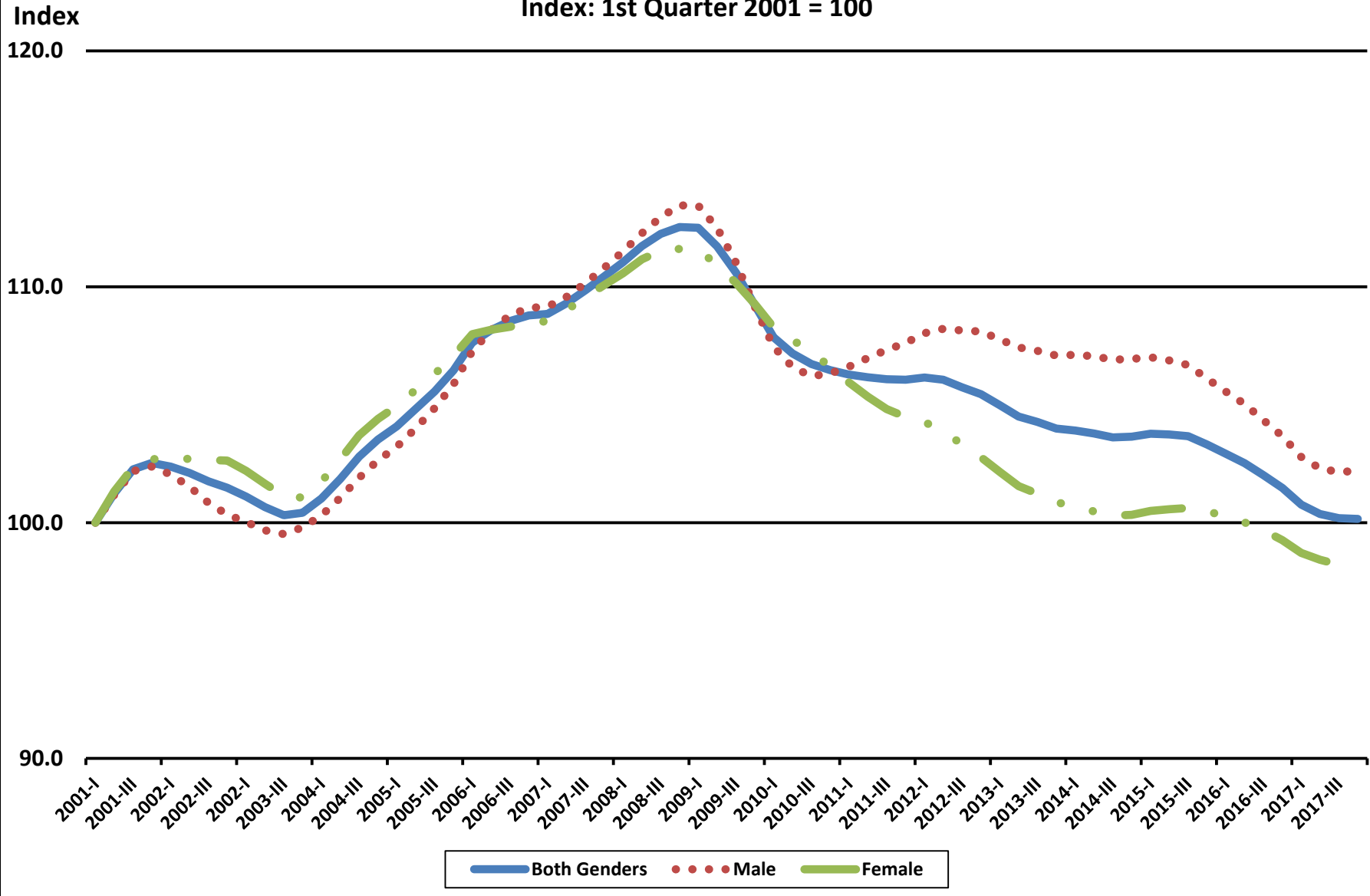


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 15e. Urban Oklahoma: All Industries,

Four Quarter Moving Average Employment by Age Group 45 to 54 Years and Gender

Index: 1st Quarter 2001 = 100

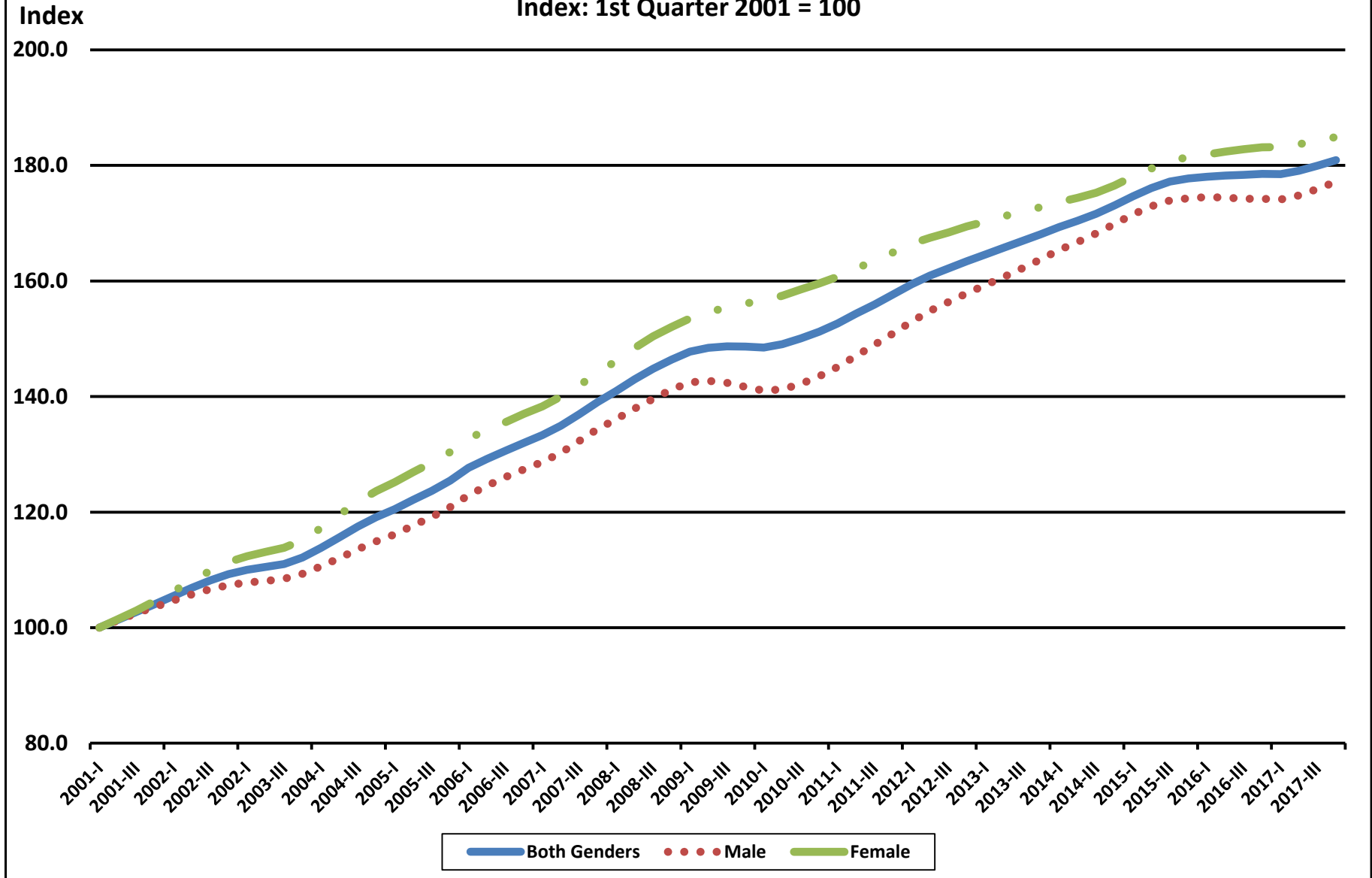


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

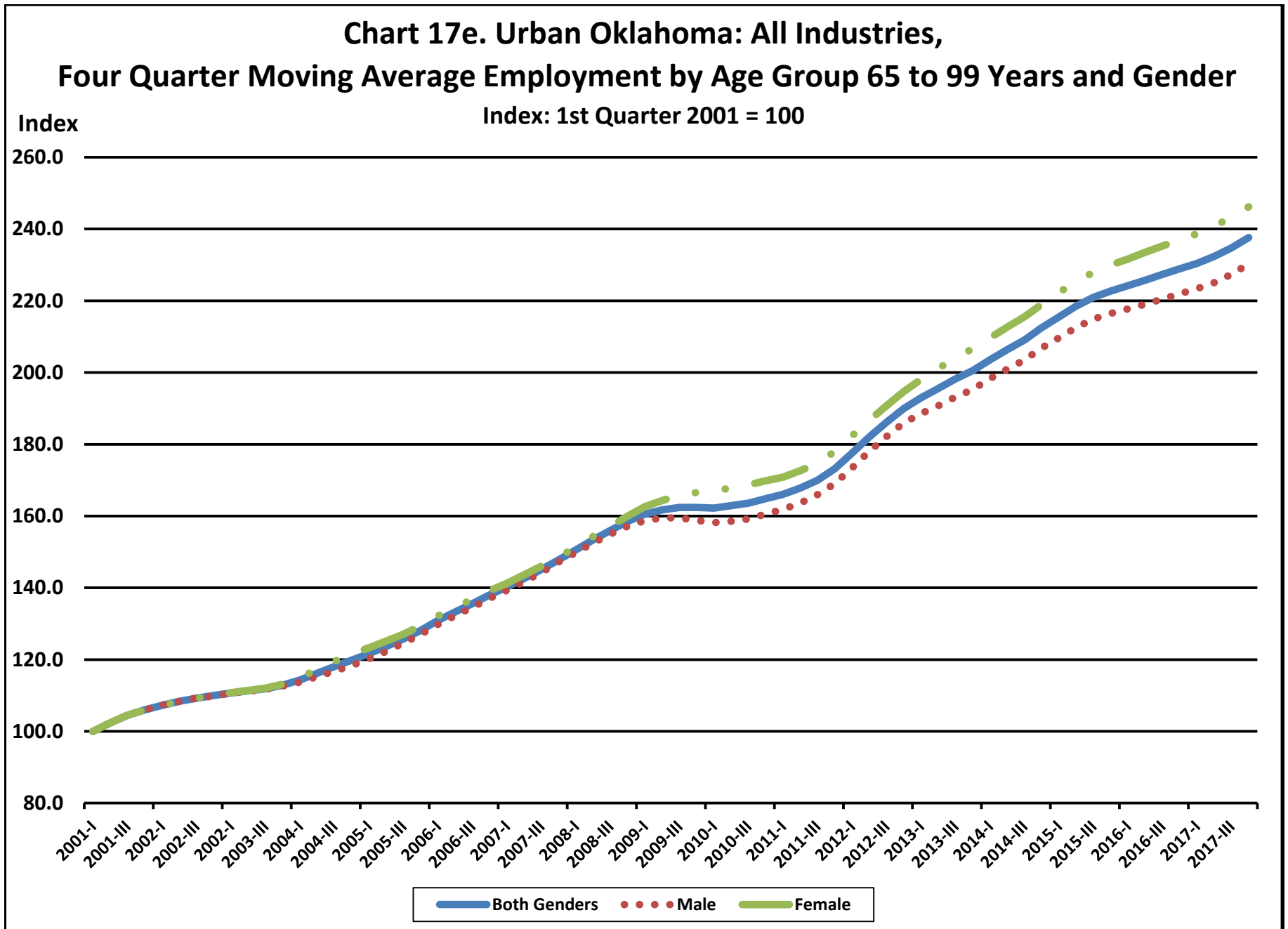
Chart 16e. Urban Oklahoma: All Industries,

Four Quarter Moving Average Employment by Age Group 55 to 64 Years and Gender

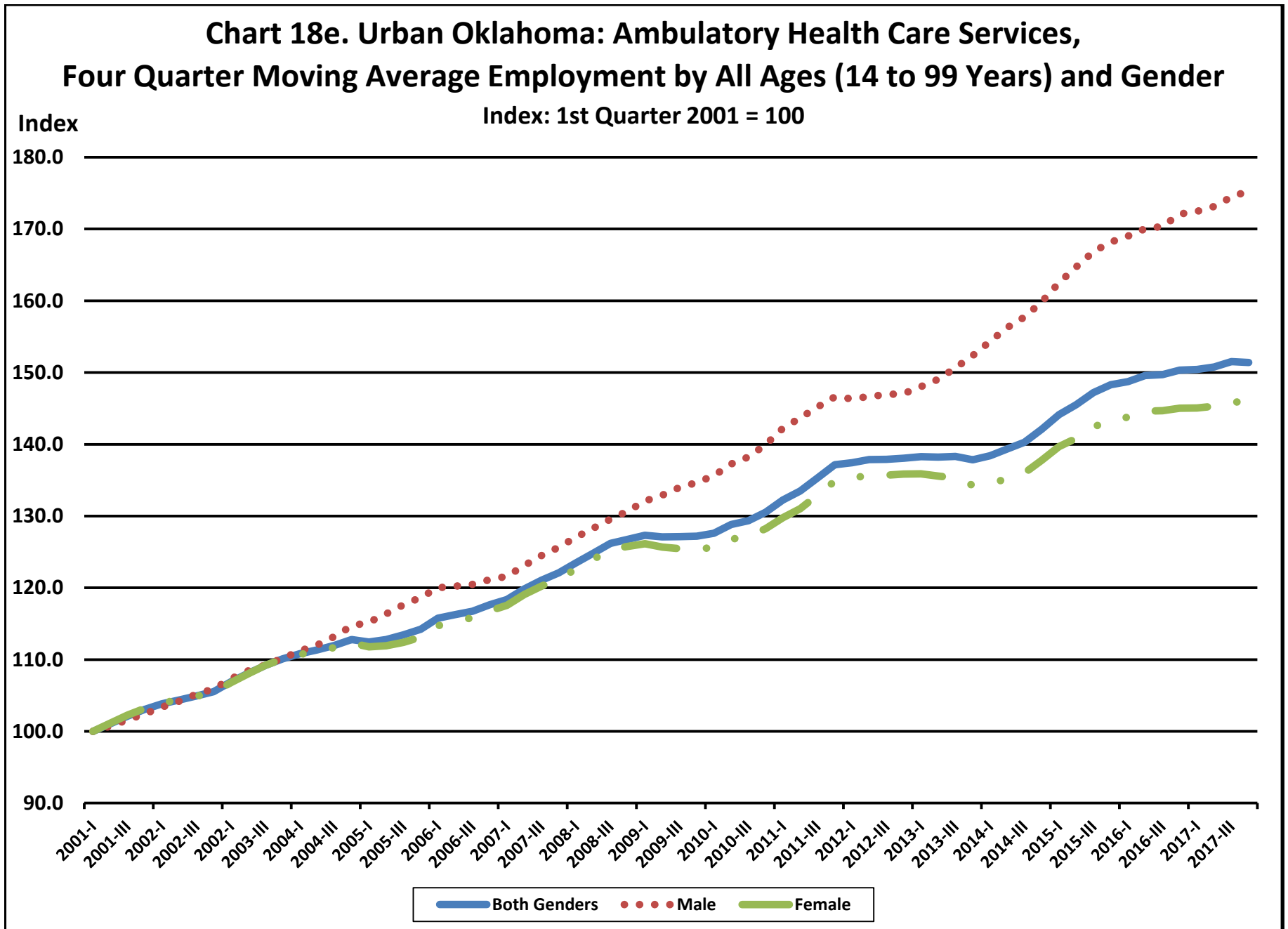
Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



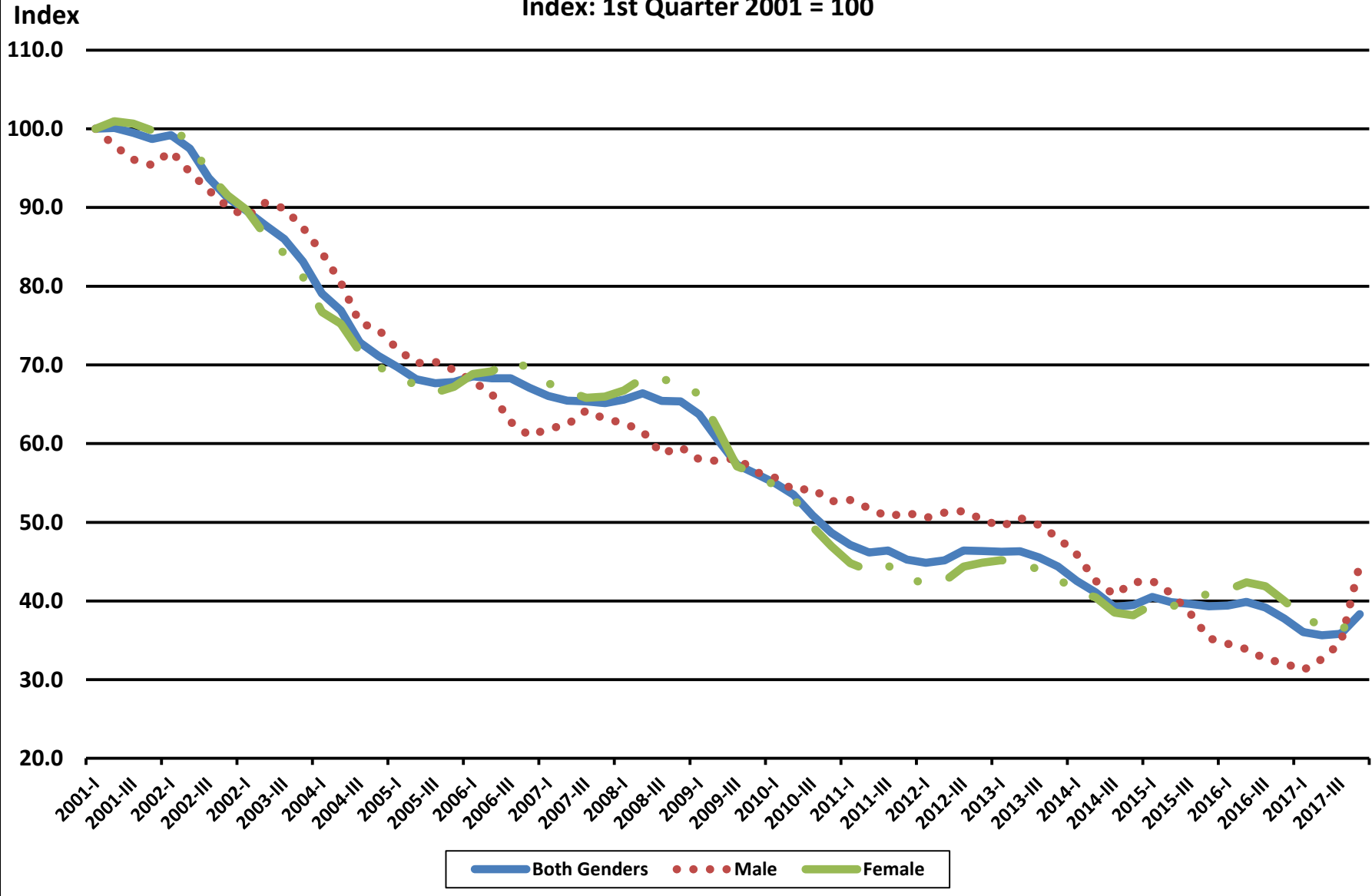
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

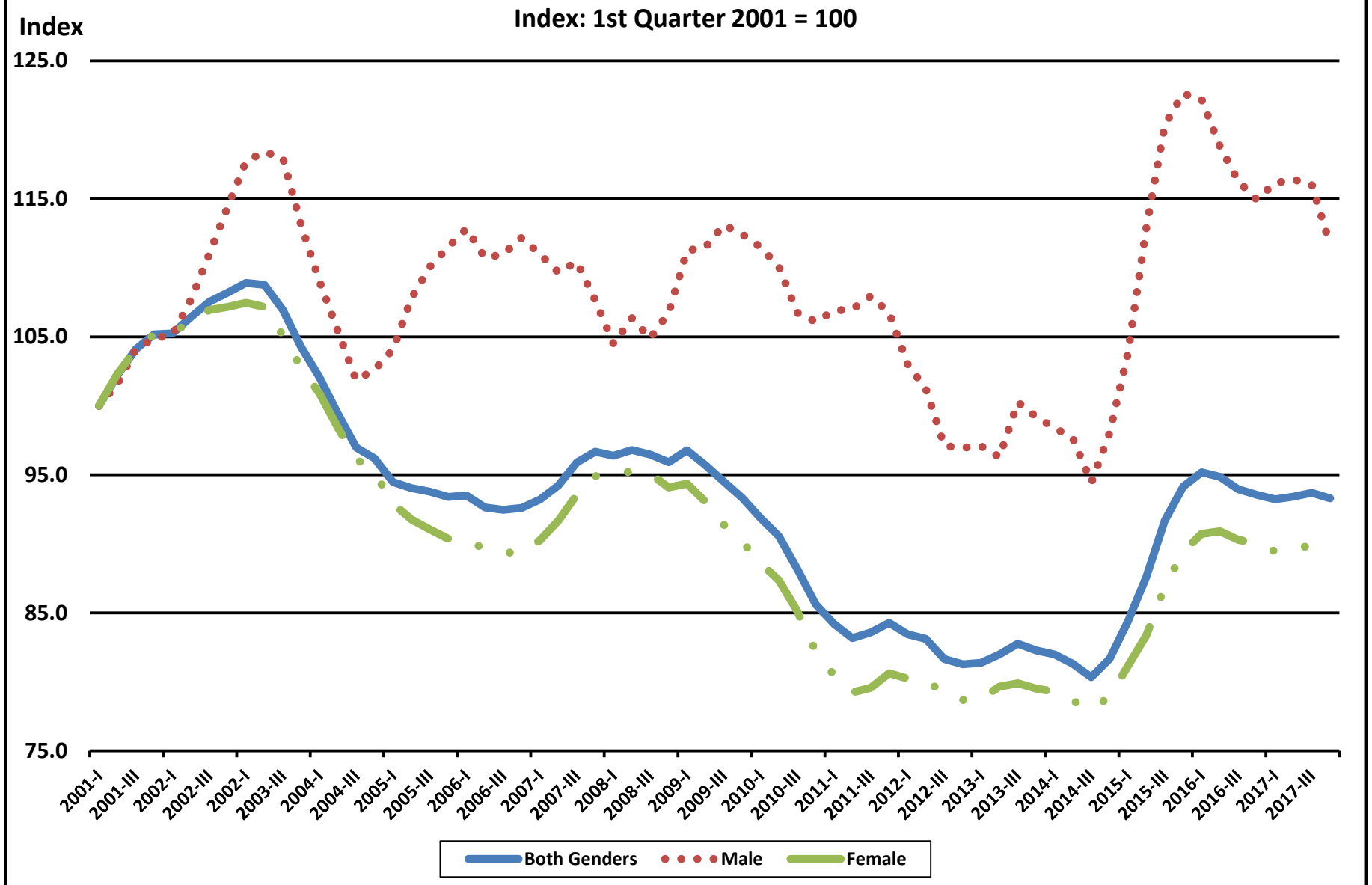
**Chart 19e. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Employment by Ages 14 to 18 and Gender**

Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

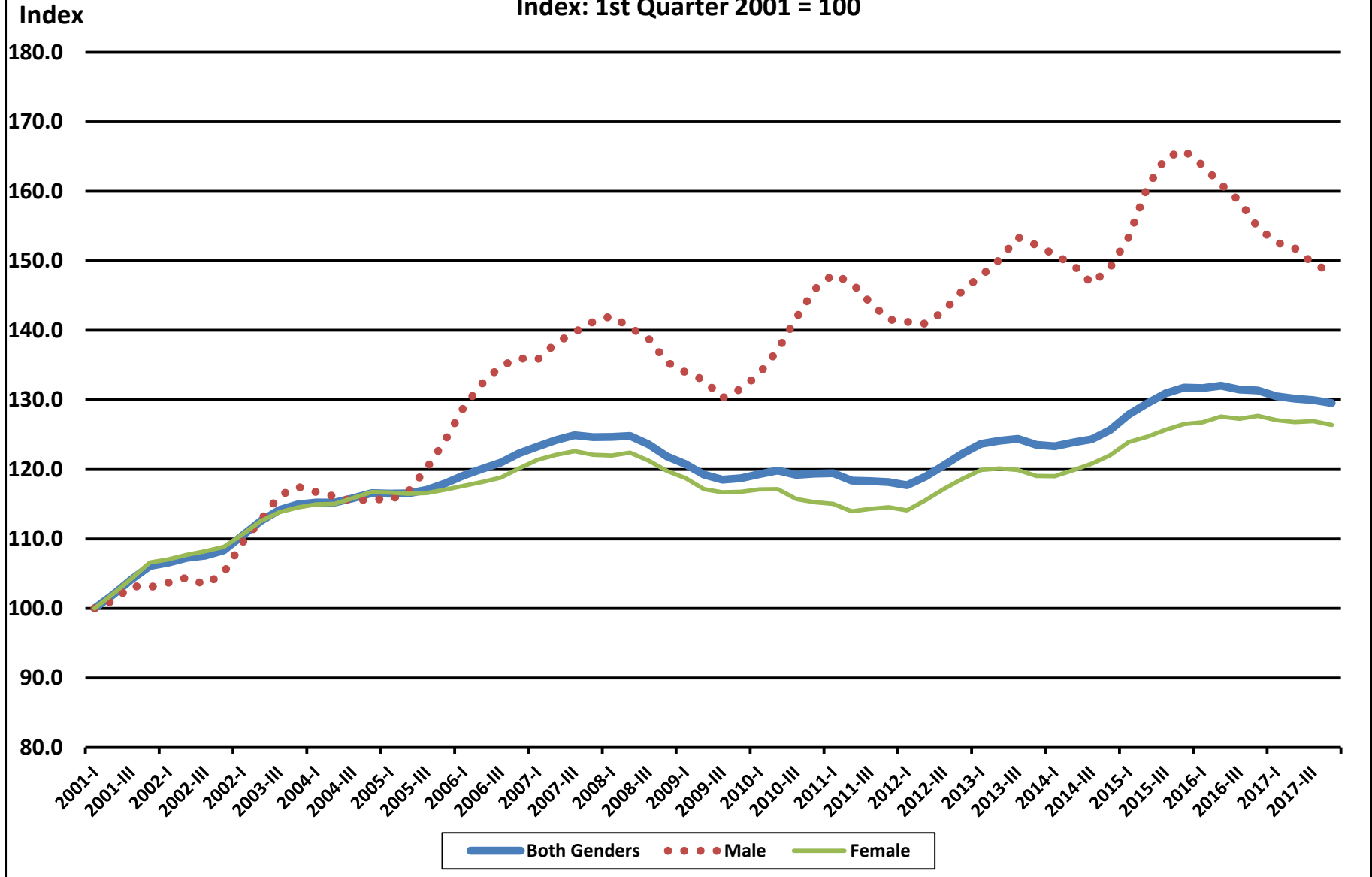
Chart 20e. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Employment by Ages 19 to 21 and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 21e. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Employment by Ages 22 to 24 and Gender

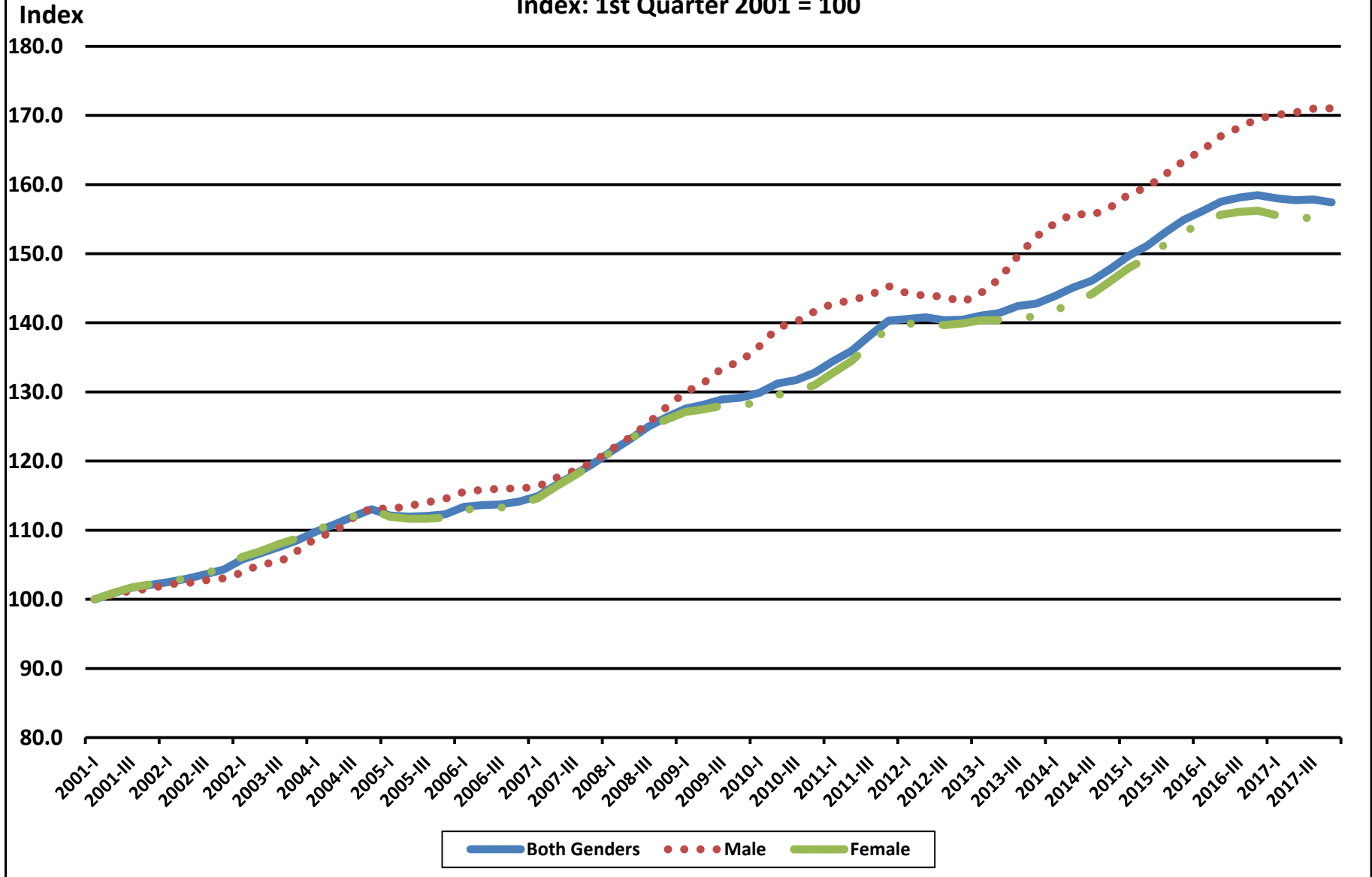
Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 22e. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Employment by Ages 25 to 34 and Gender**

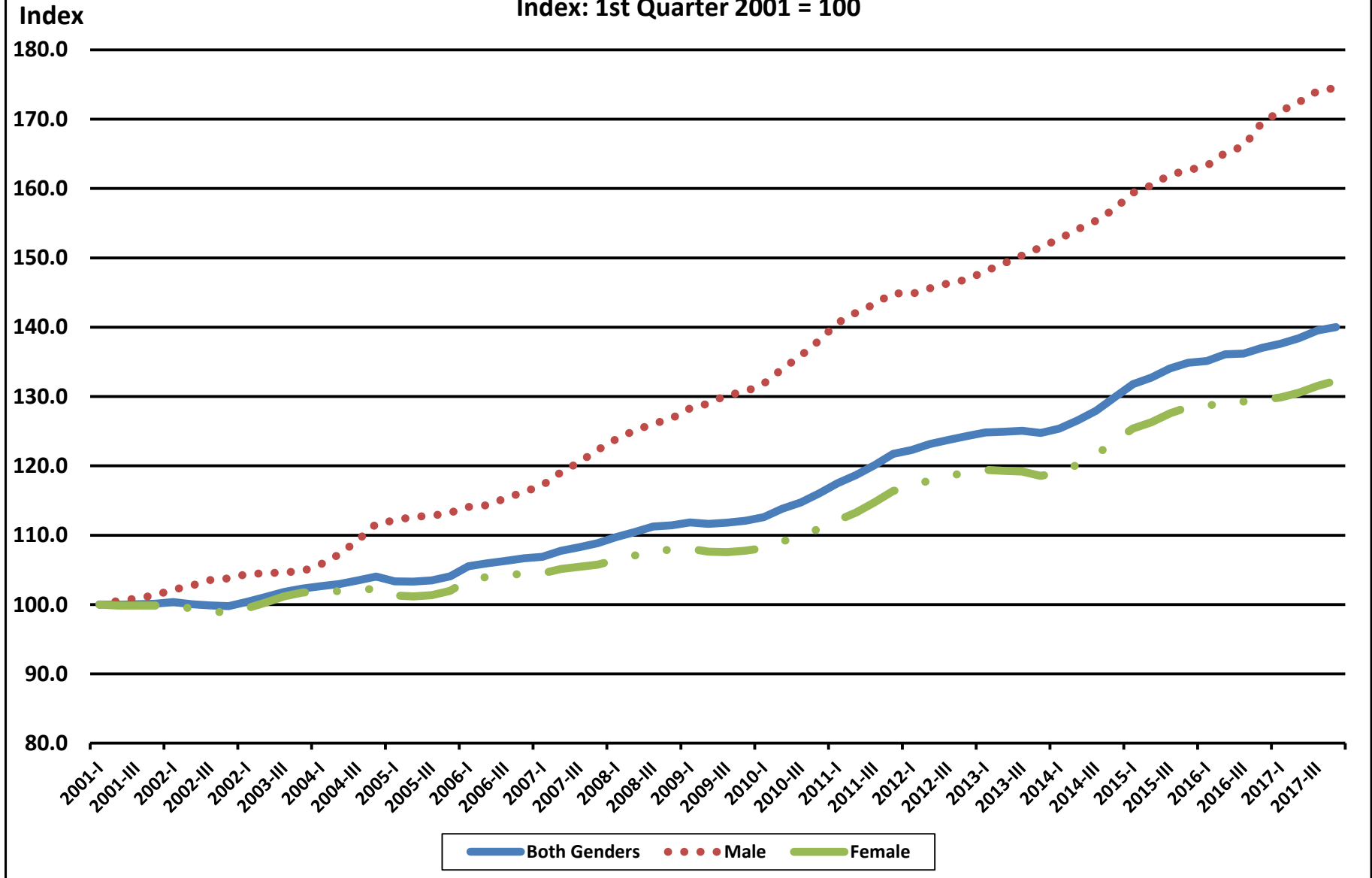
Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

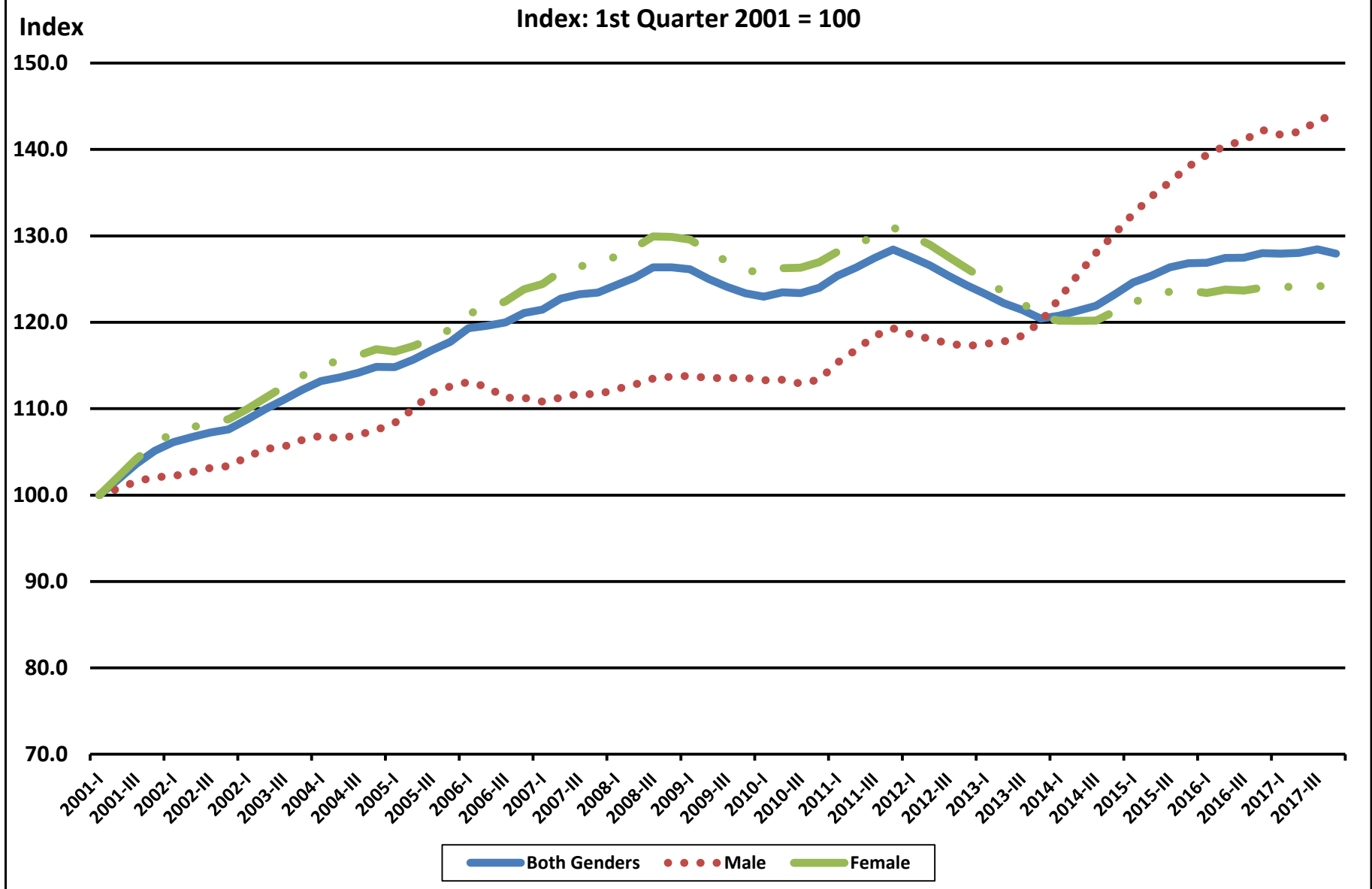
**Chart 23e. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Employment by Ages 35 to 44 and Gender**

Index: 1st Quarter 2001 = 100



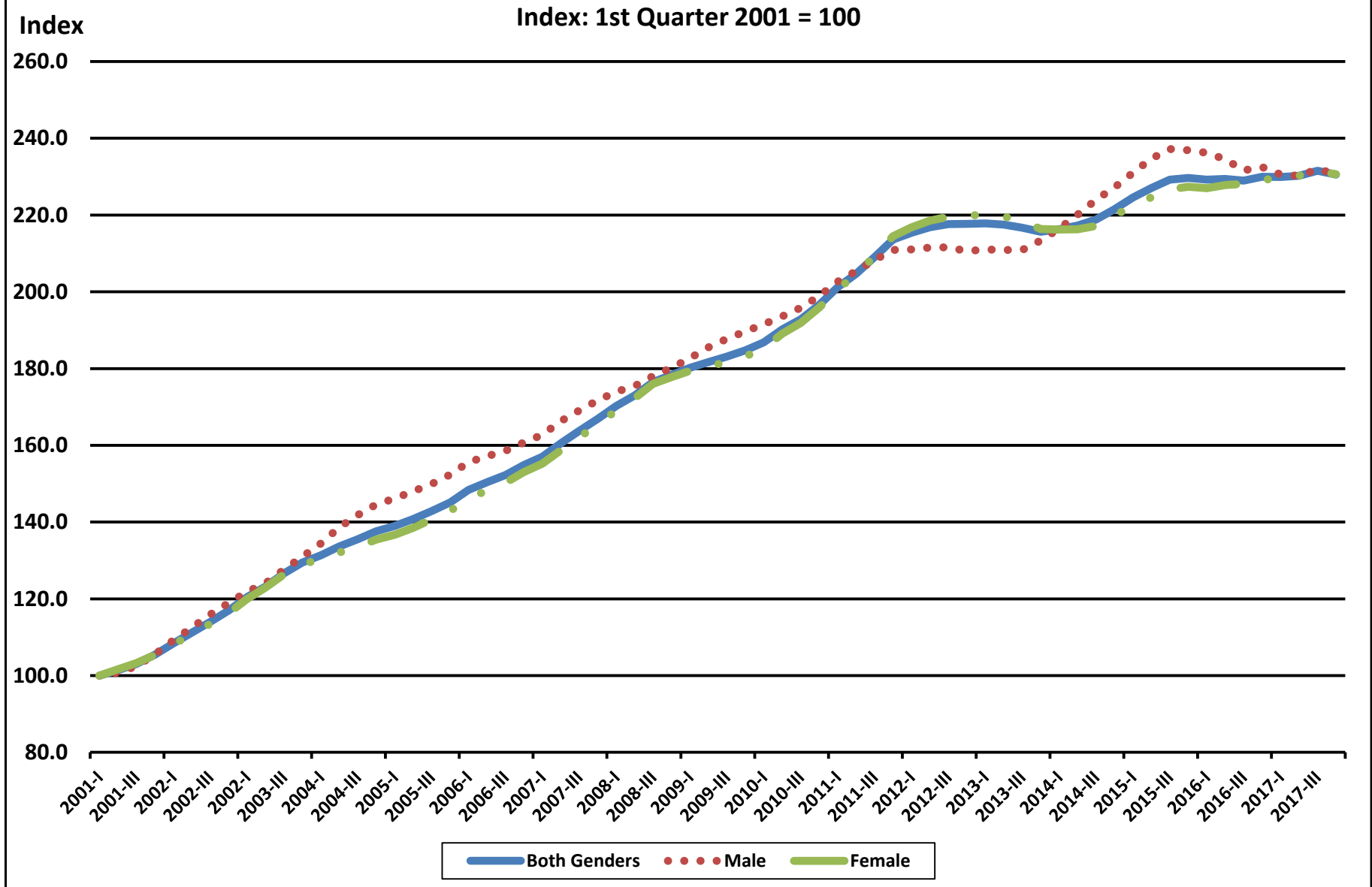
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 24e. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Employment by Ages 45 to 54 and Gender**



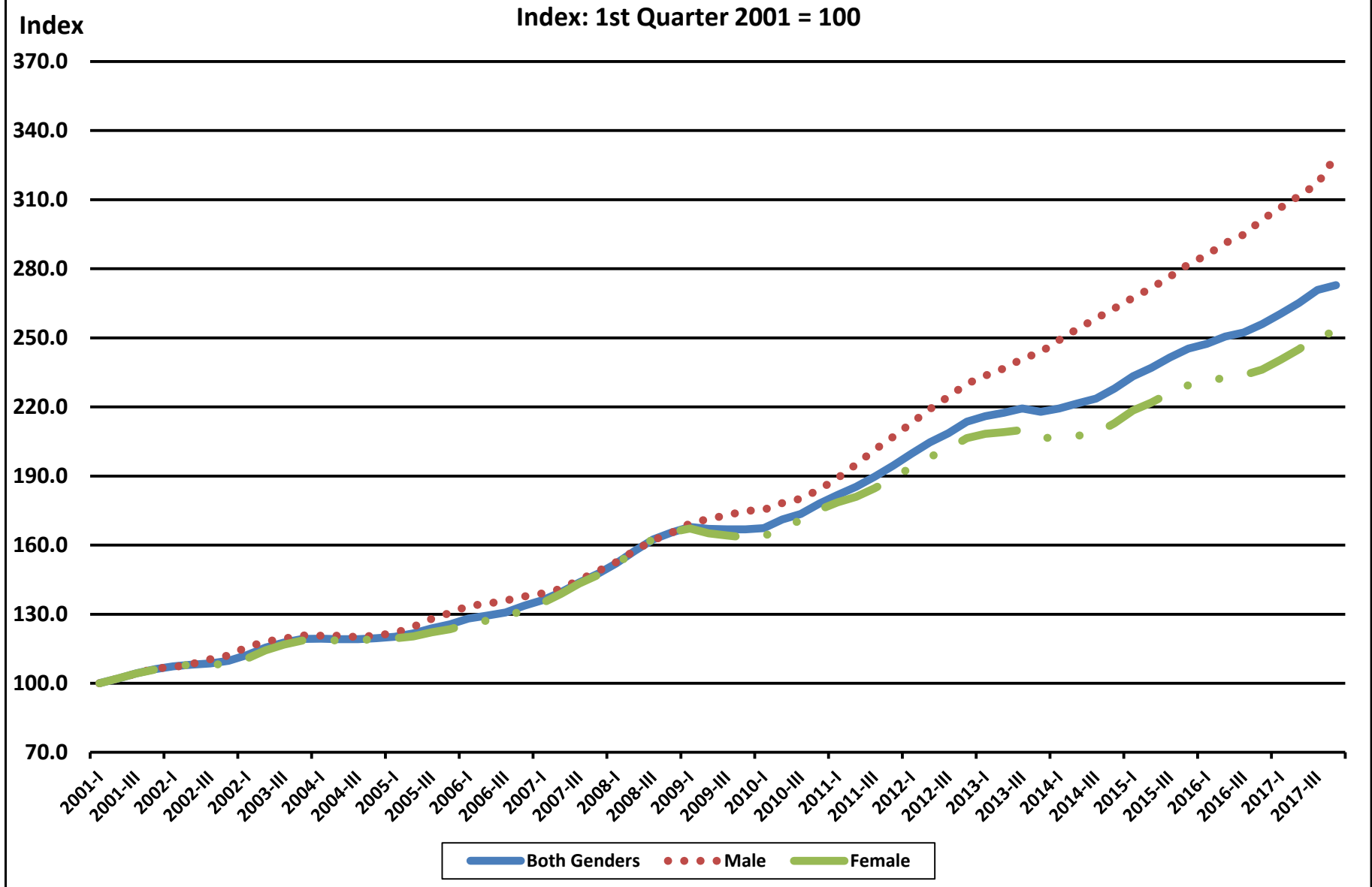
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 25e. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Employment by Ages 55 to 64 and Gender

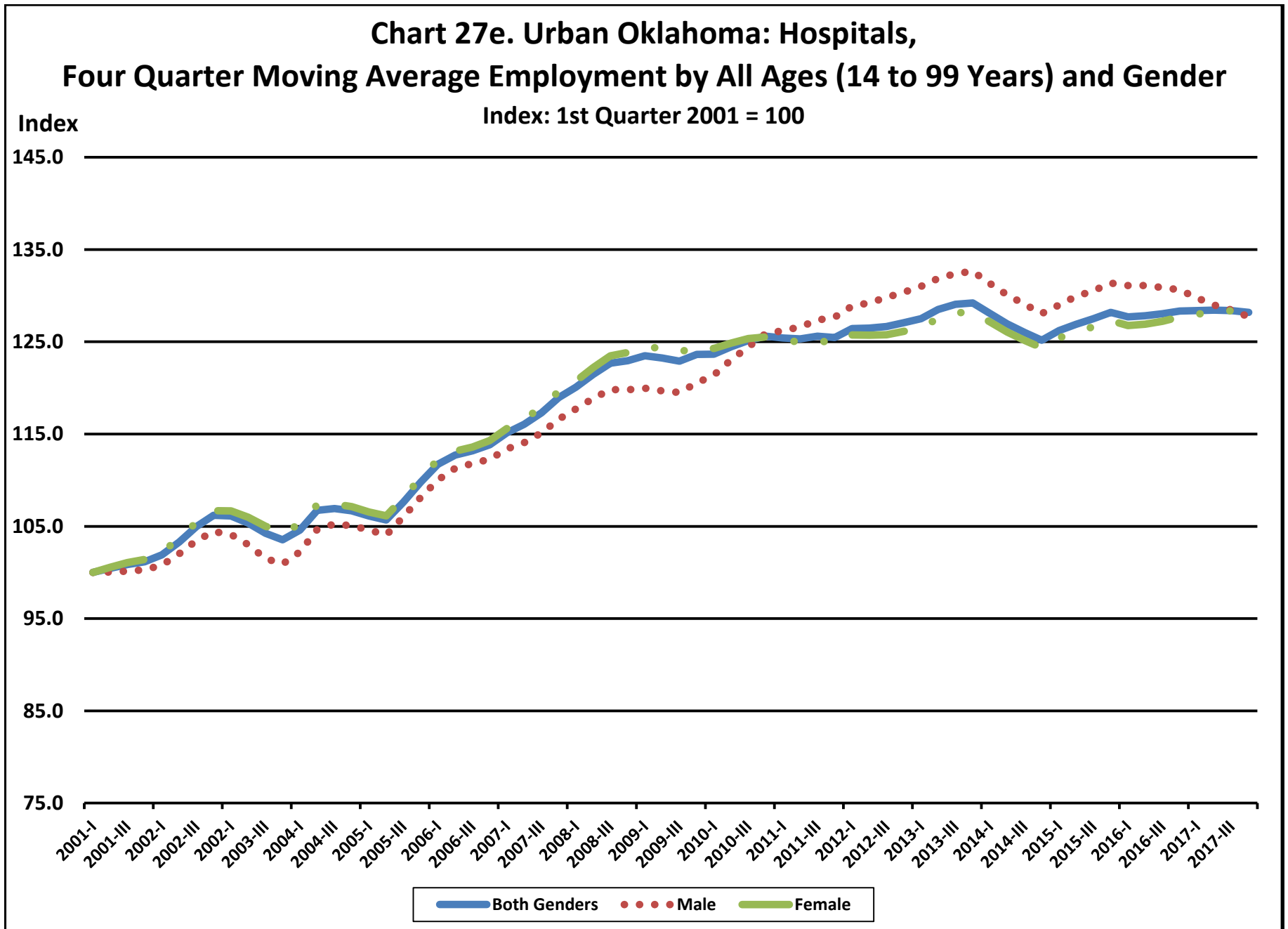


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 26e. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Employment by Ages 65 to 99 and Gender**

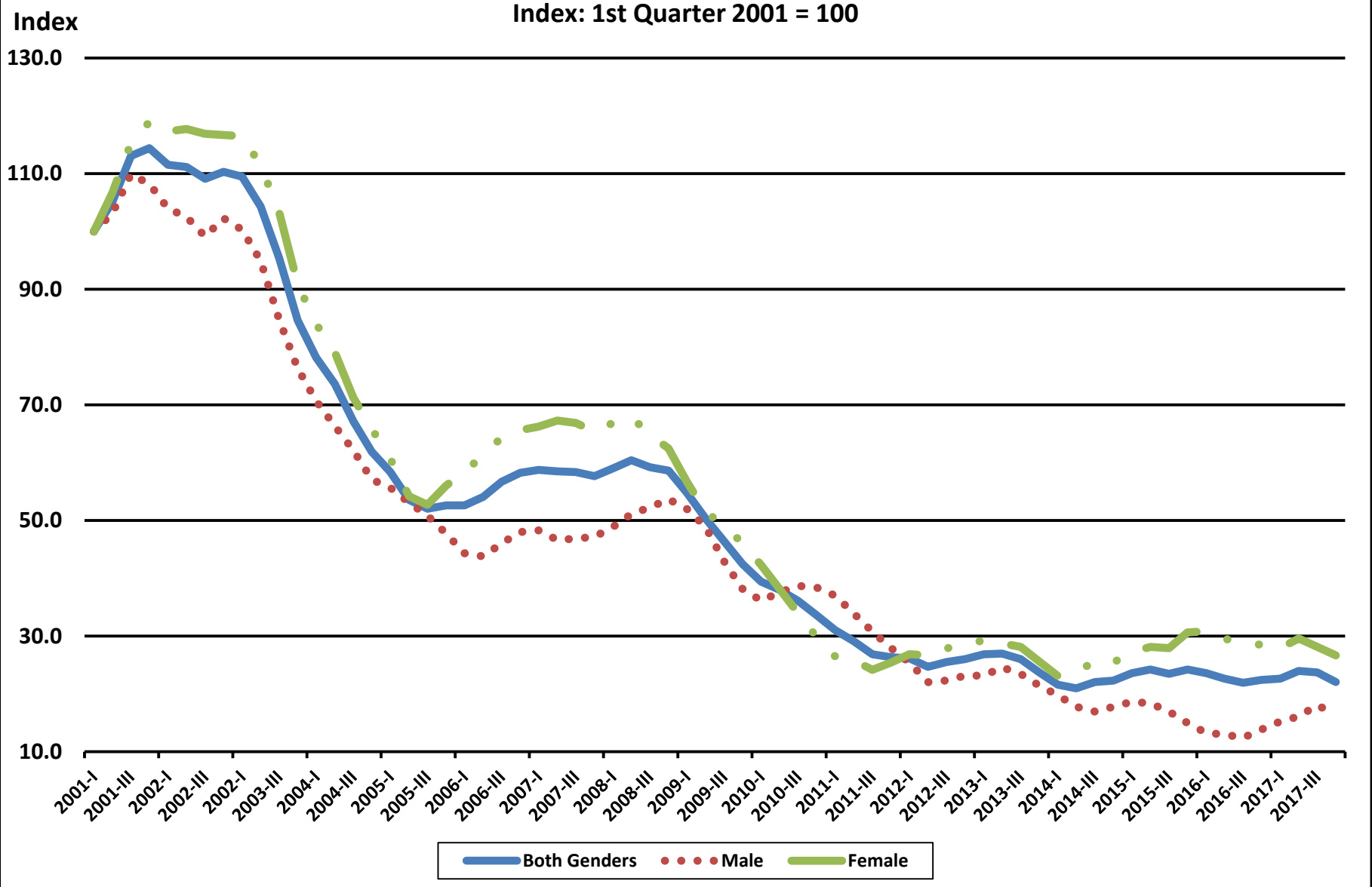


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

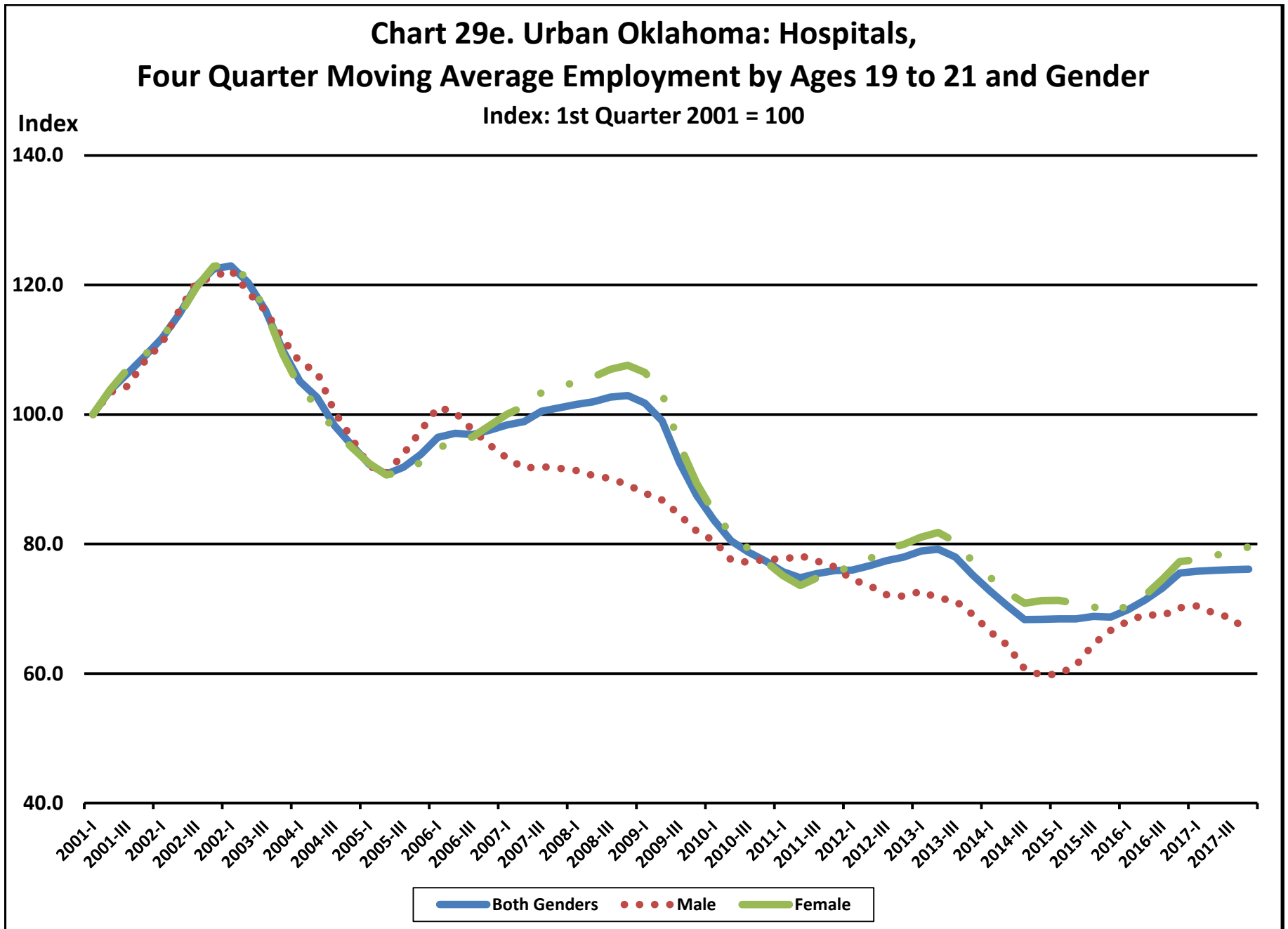


Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

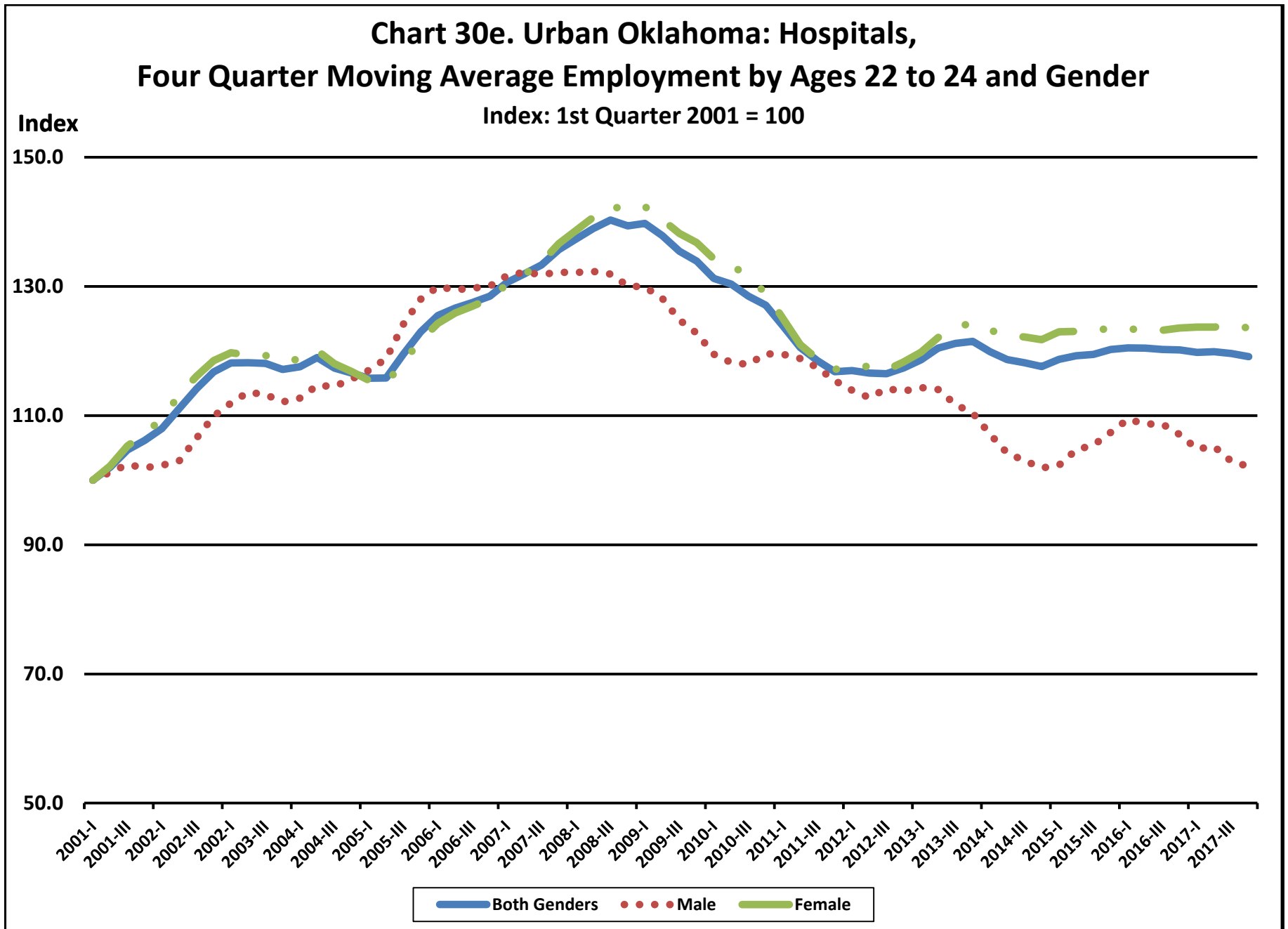
**Chart 28e. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Employment by Ages 14 to 18 and Gender**



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



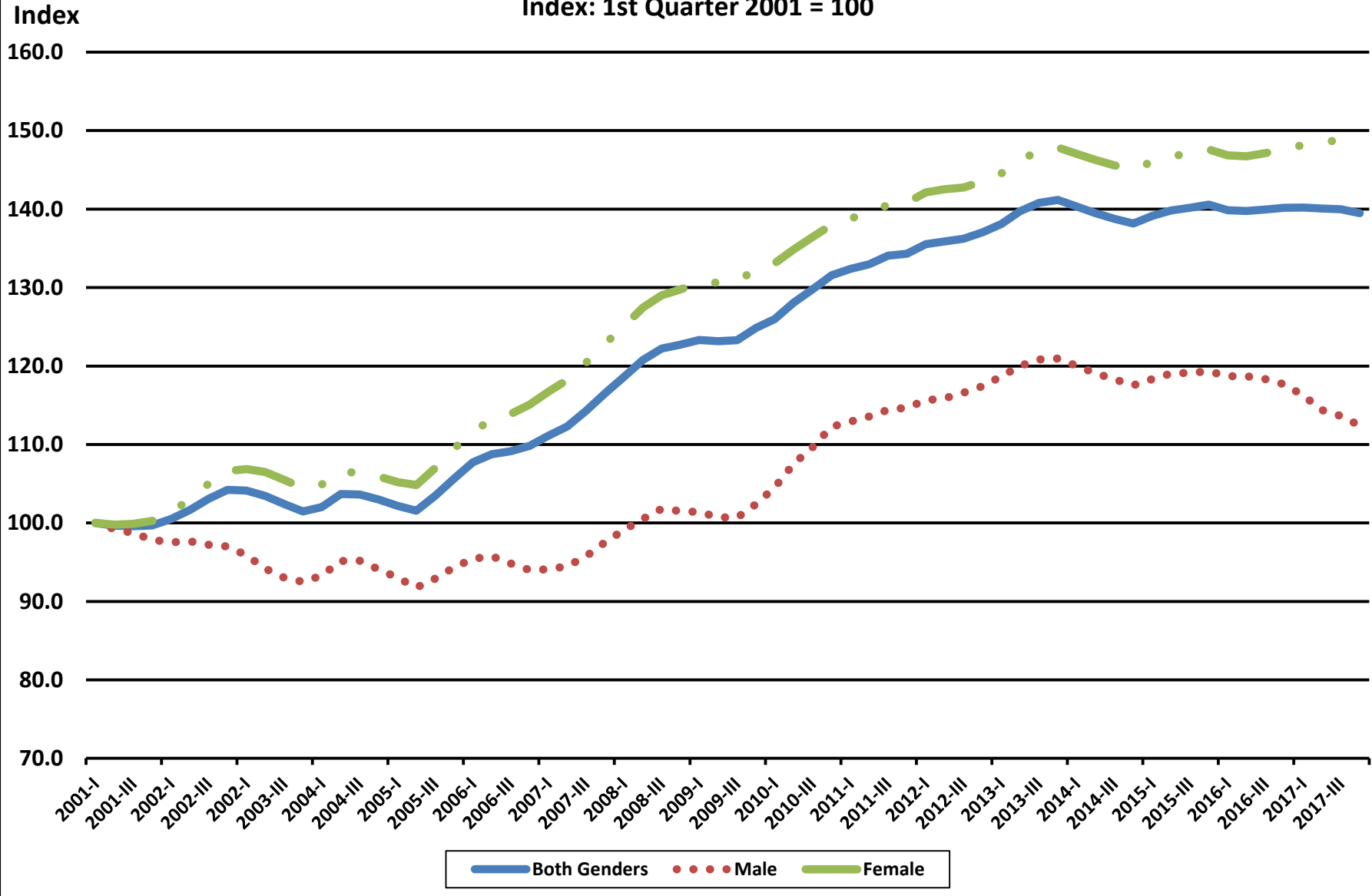
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

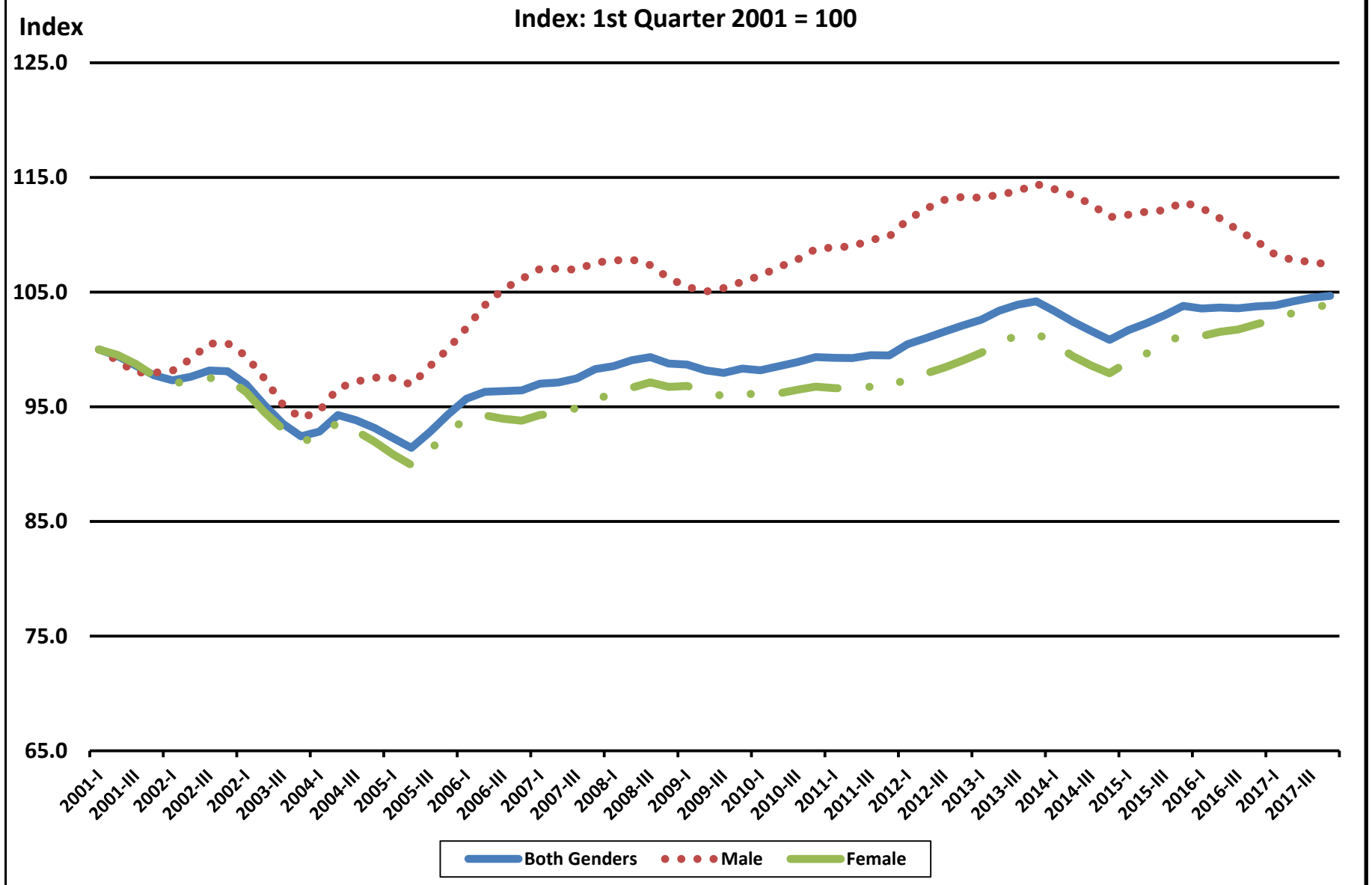
Chart 31e. Urban Oklahoma: Hospitals, Four Quarter Moving Average Employment by Ages 25 to 34 and Gender

Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

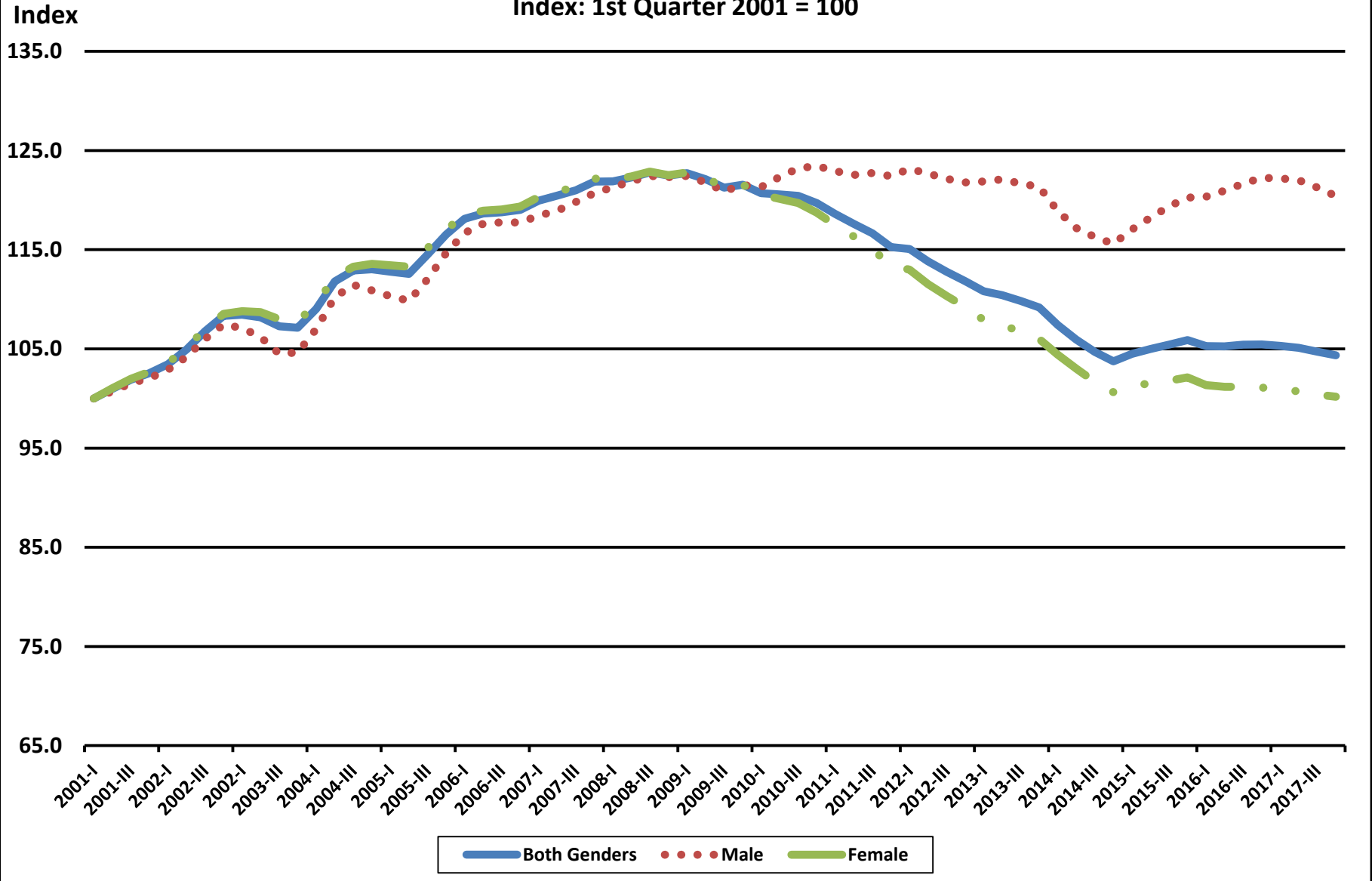
**Chart 32e. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Employment by Ages 35 to 44 and Gender**



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 33e. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Employment by Ages 45 to 54 and Gender**

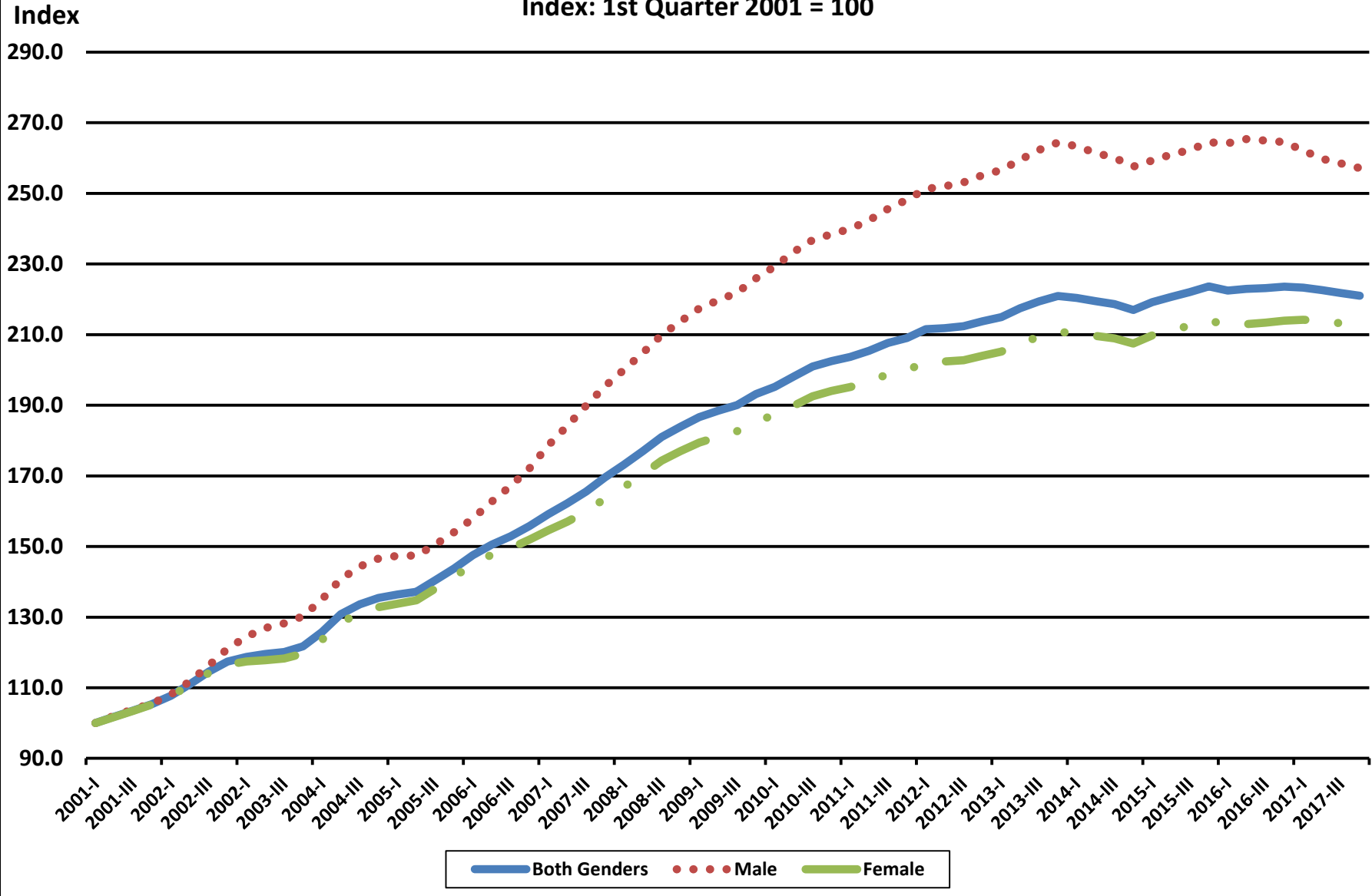
Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 34e. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Employment by Ages 55 to 64 and Gender**

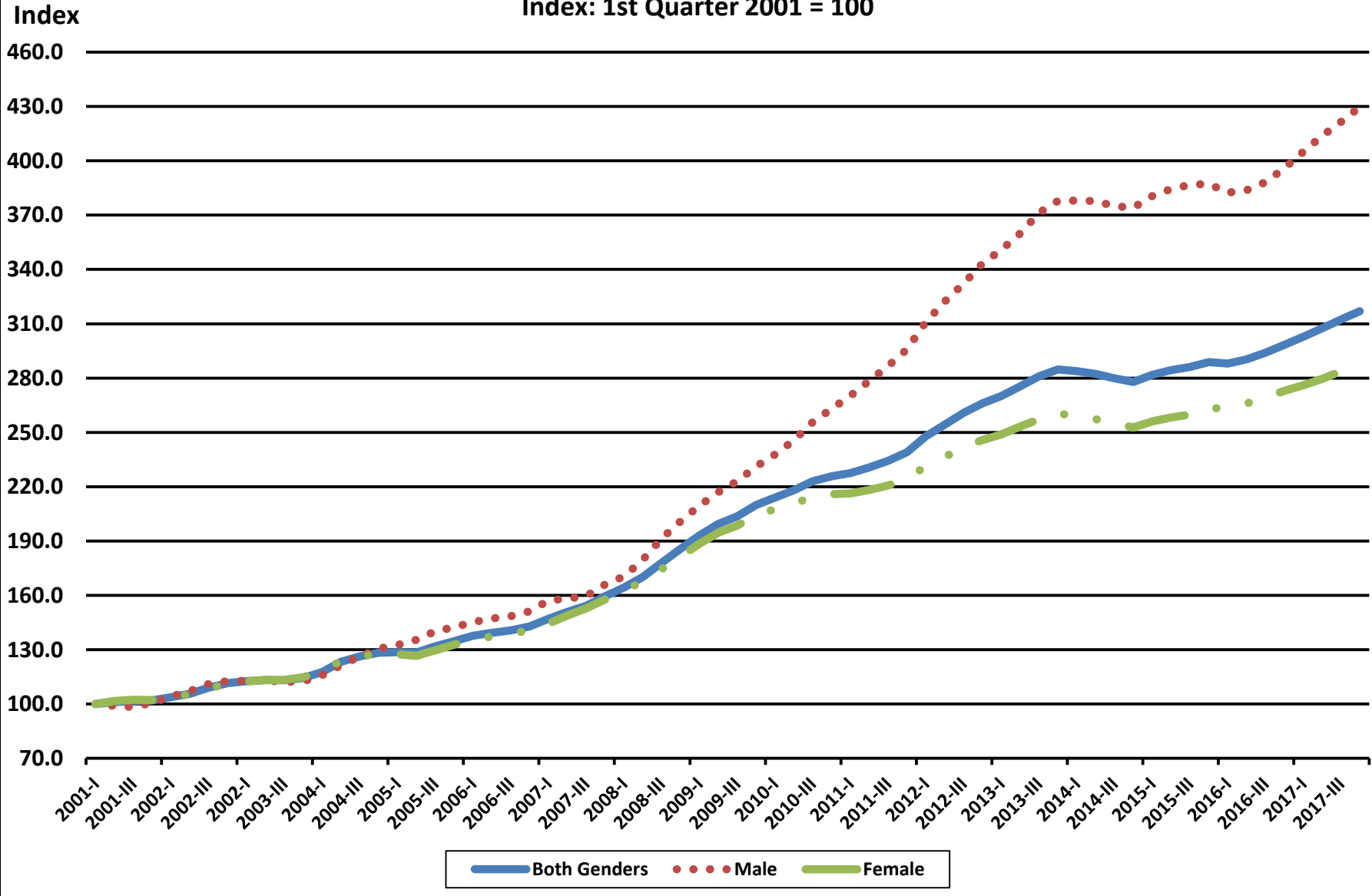
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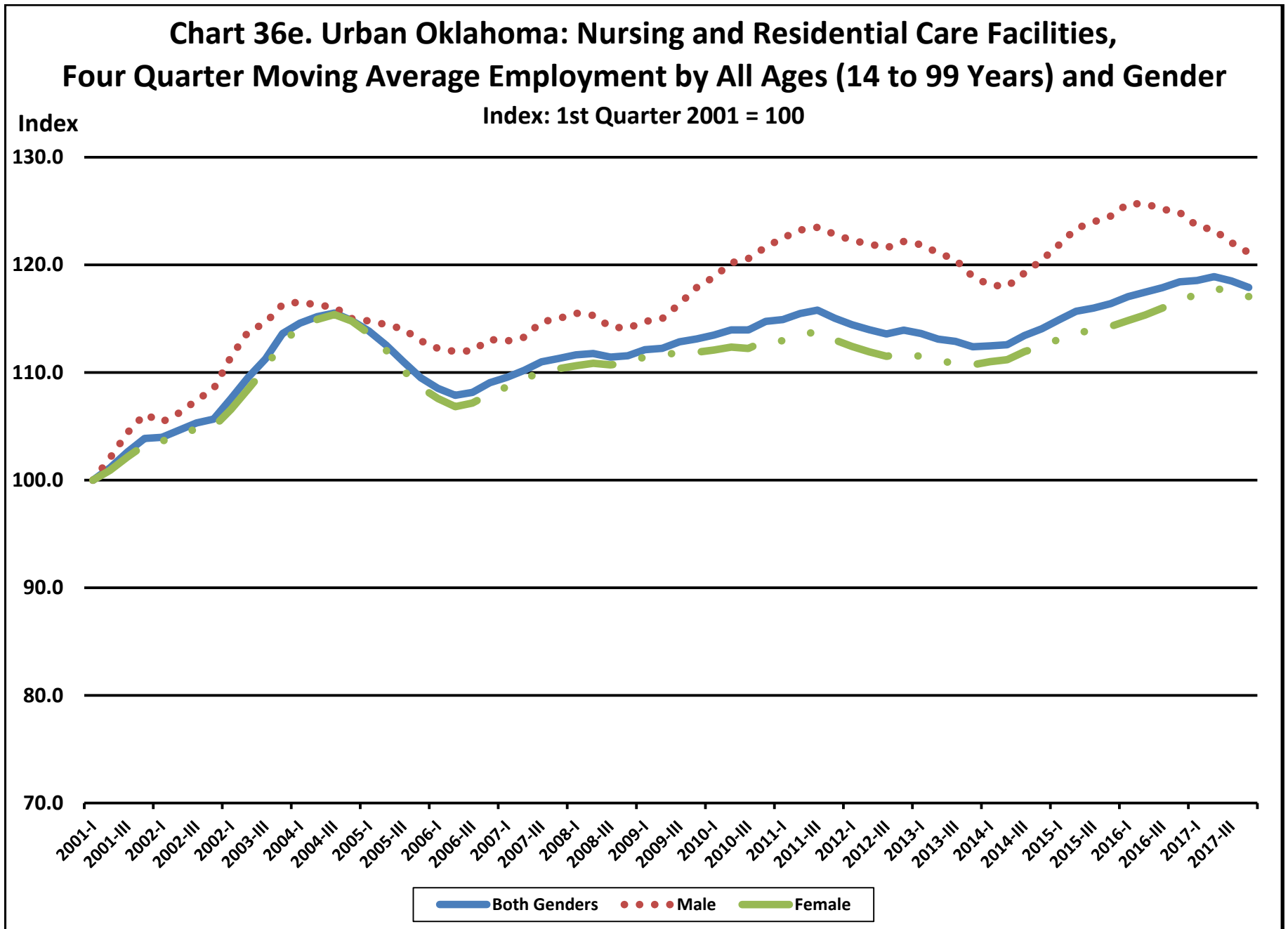
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 35e. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Employment by Ages 65 to 99 and Gender**

Index: 1st Quarter 2001 = 100



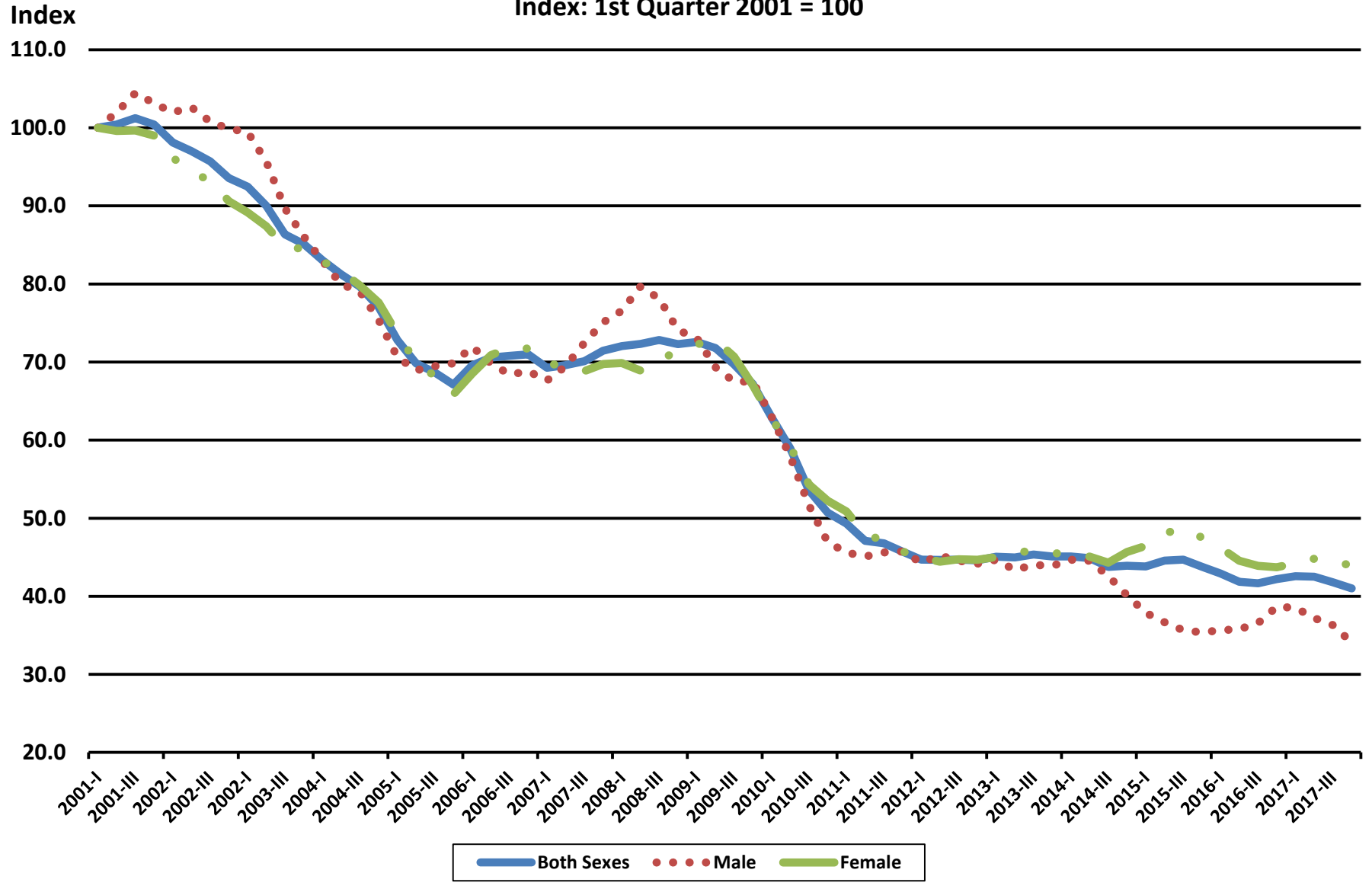
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 37e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 14 to 18 and Gender**

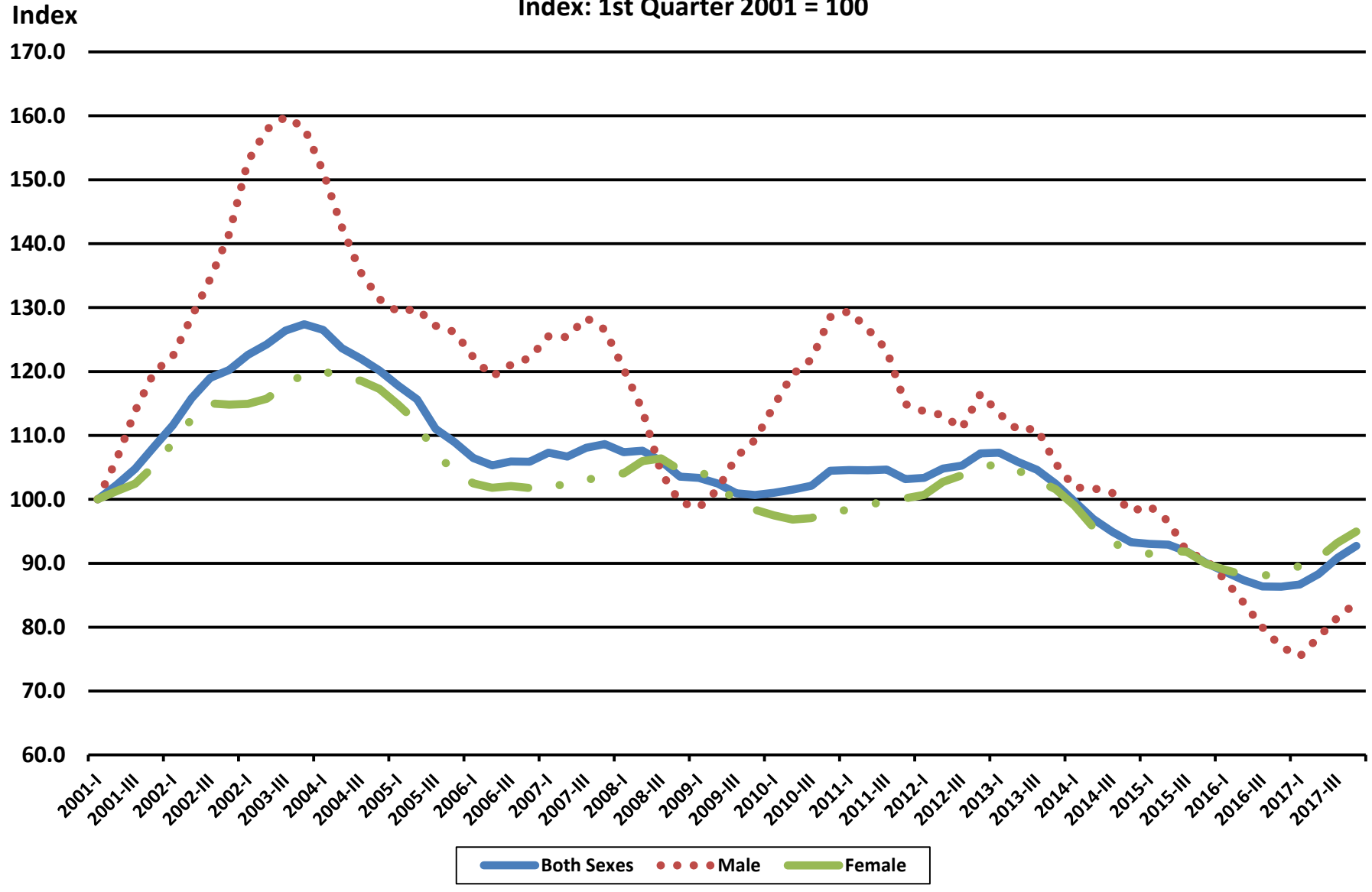
Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 38e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 19 to 21 and Gender**

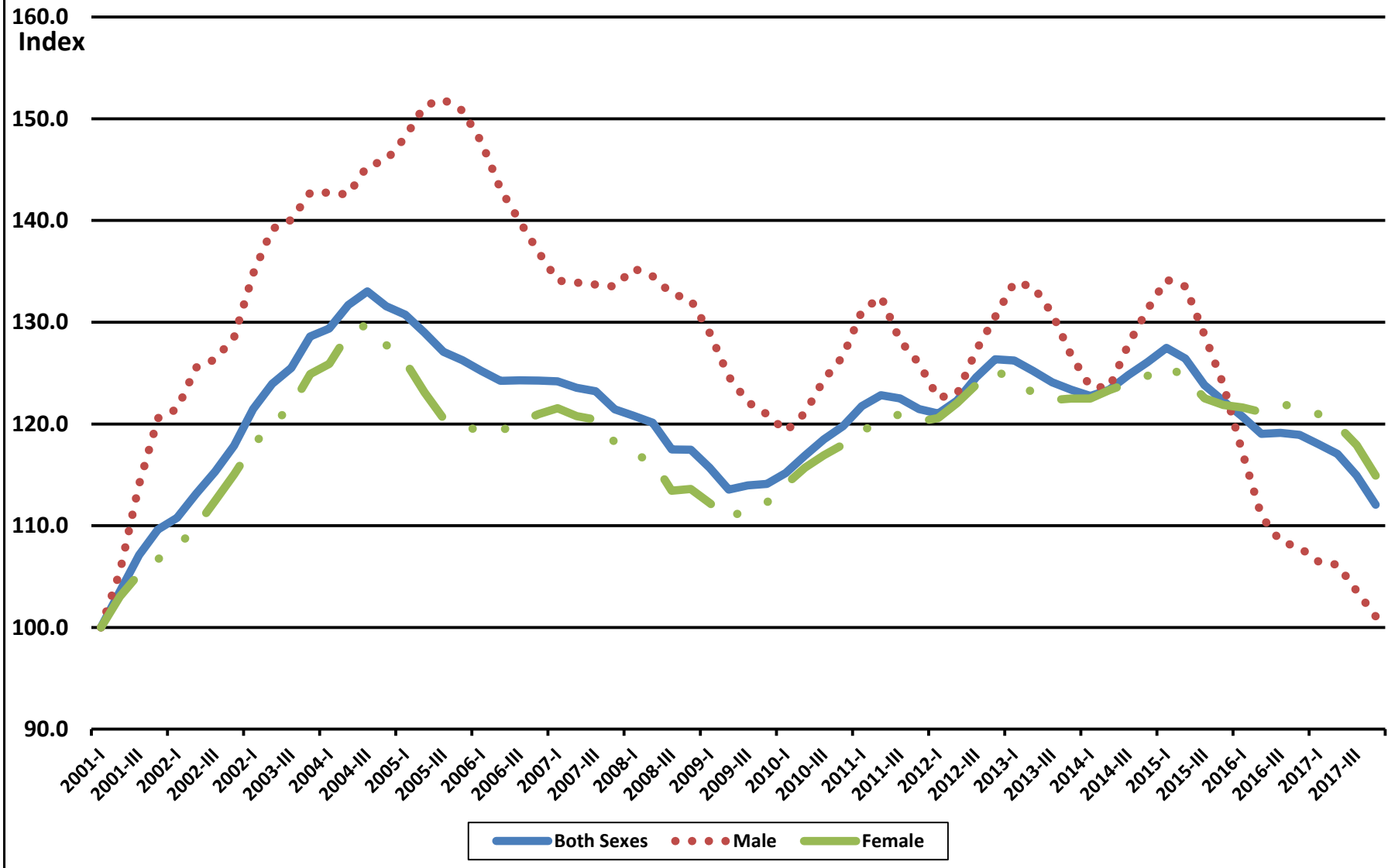
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Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

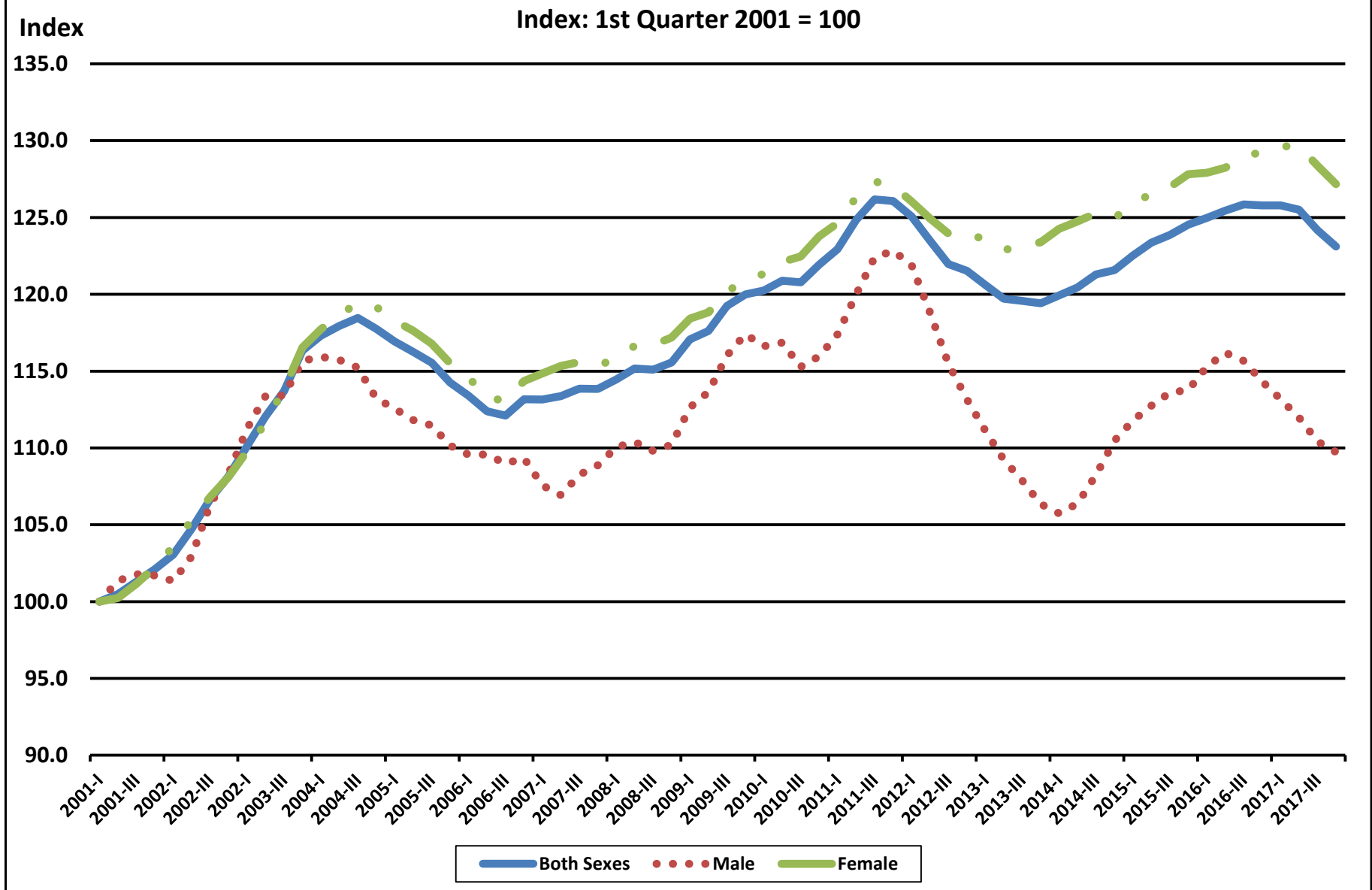
**Chart 39e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 22 to 24 and Gender**

Index: 1st Quarter 2001 = 100



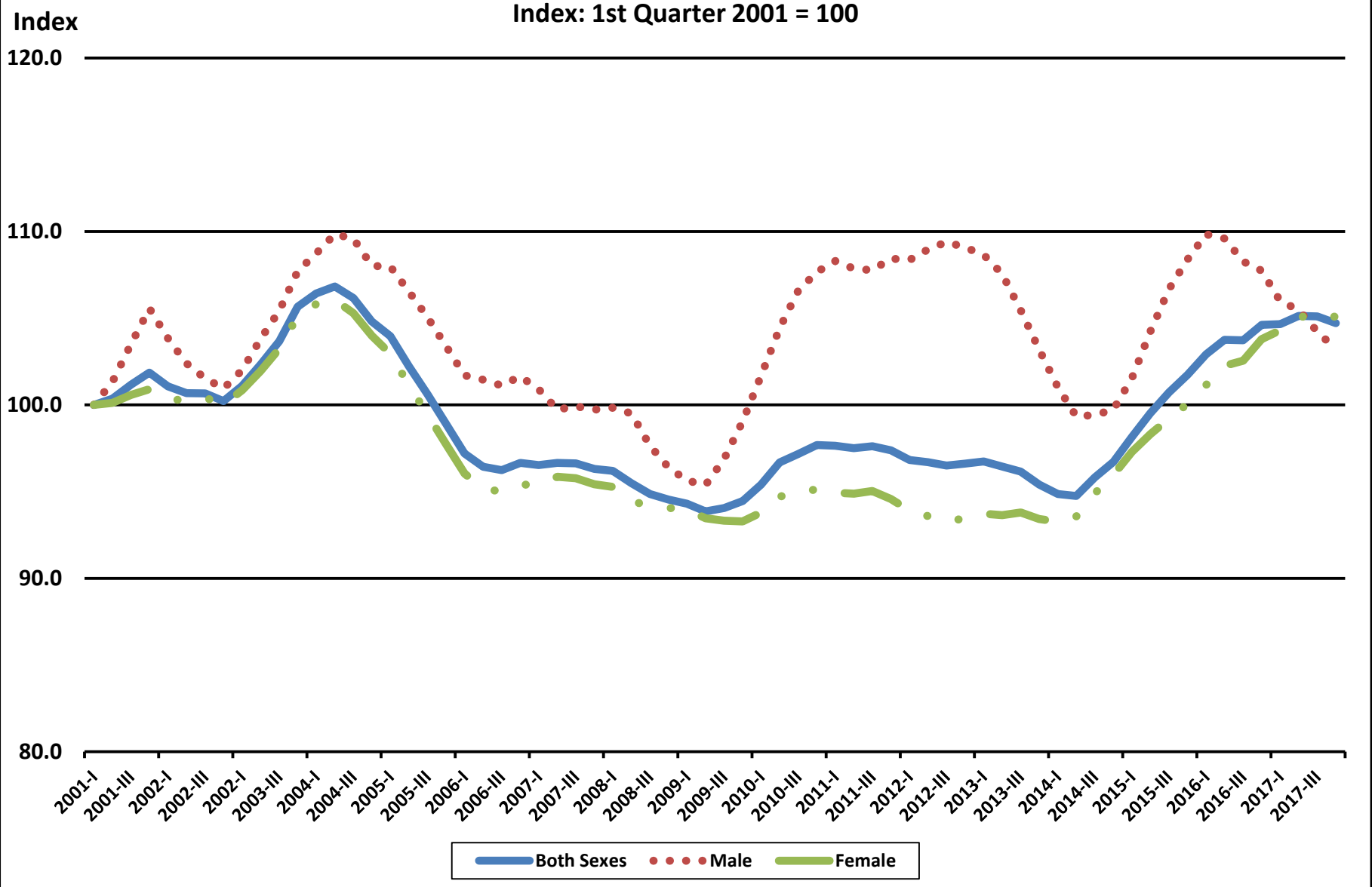
Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

Chart 40e. Urban Oklahoma: Nursing and Residential Care Facilities, Four Quarter Moving Average Employment by Ages 25 to 34 and Gender



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

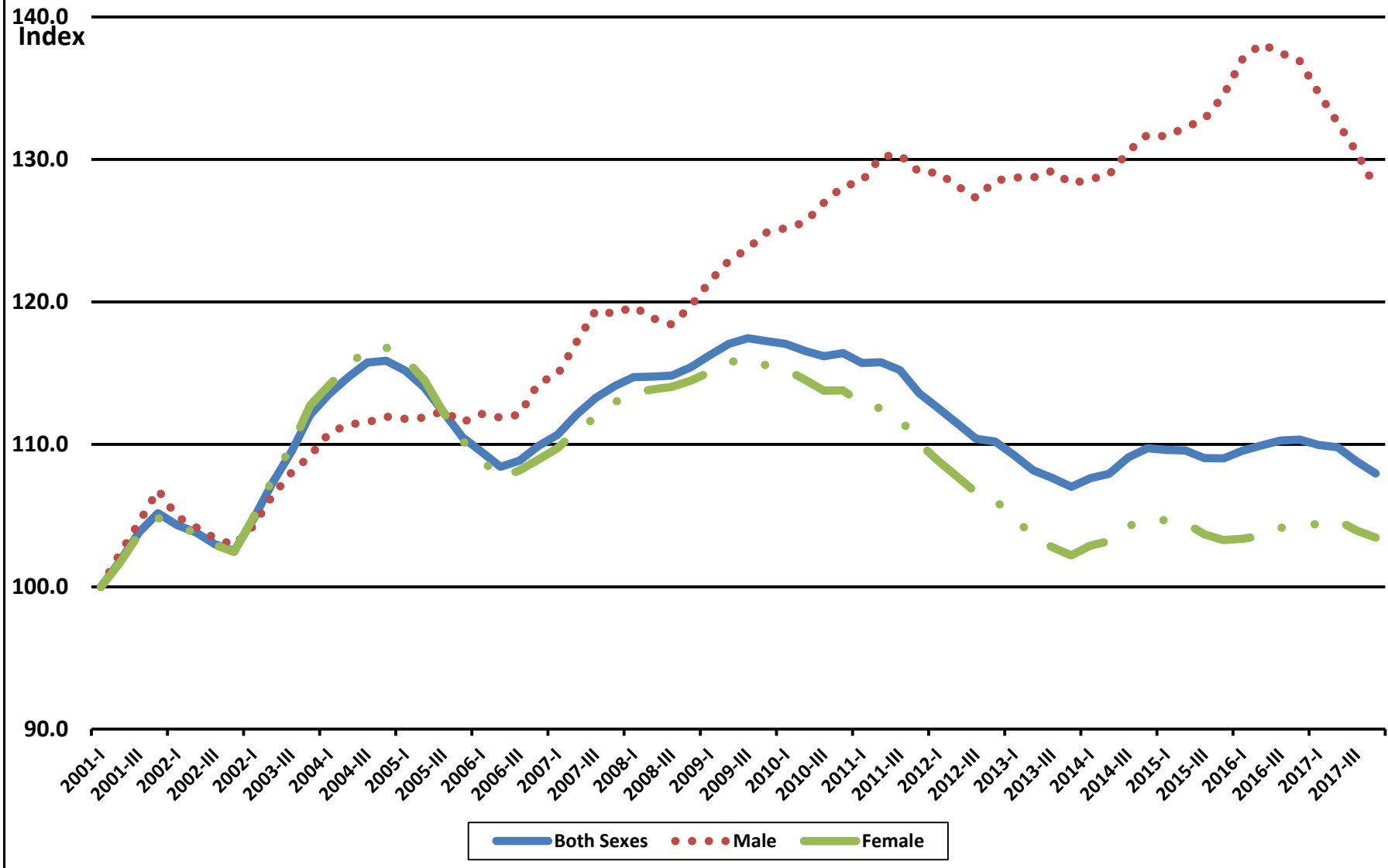
**Chart 41e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 35 to 44 and Gender**



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

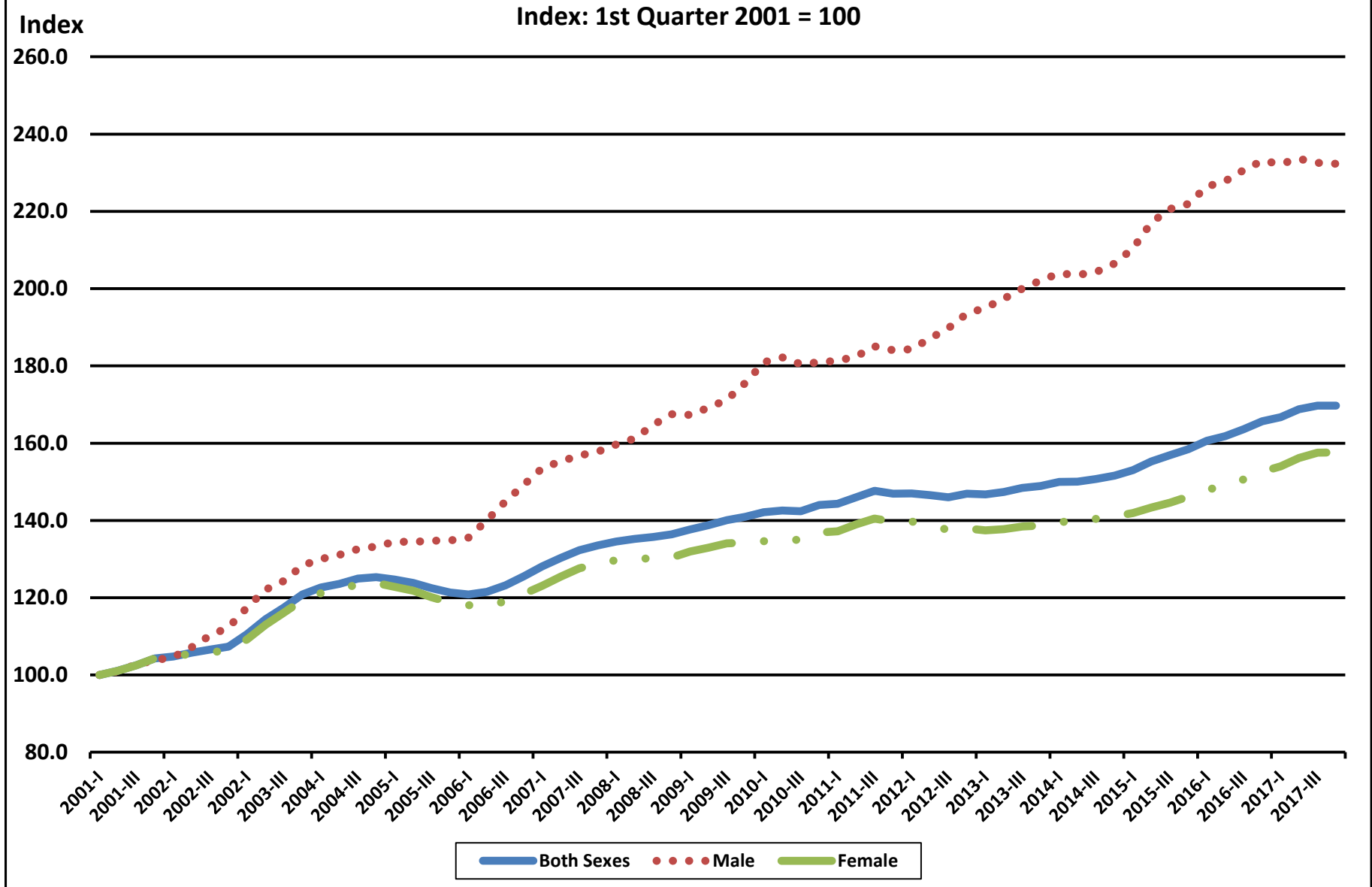
**Chart 42e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 45 to 54 and Gender**

Index: 1st Quarter 2001 = 100



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

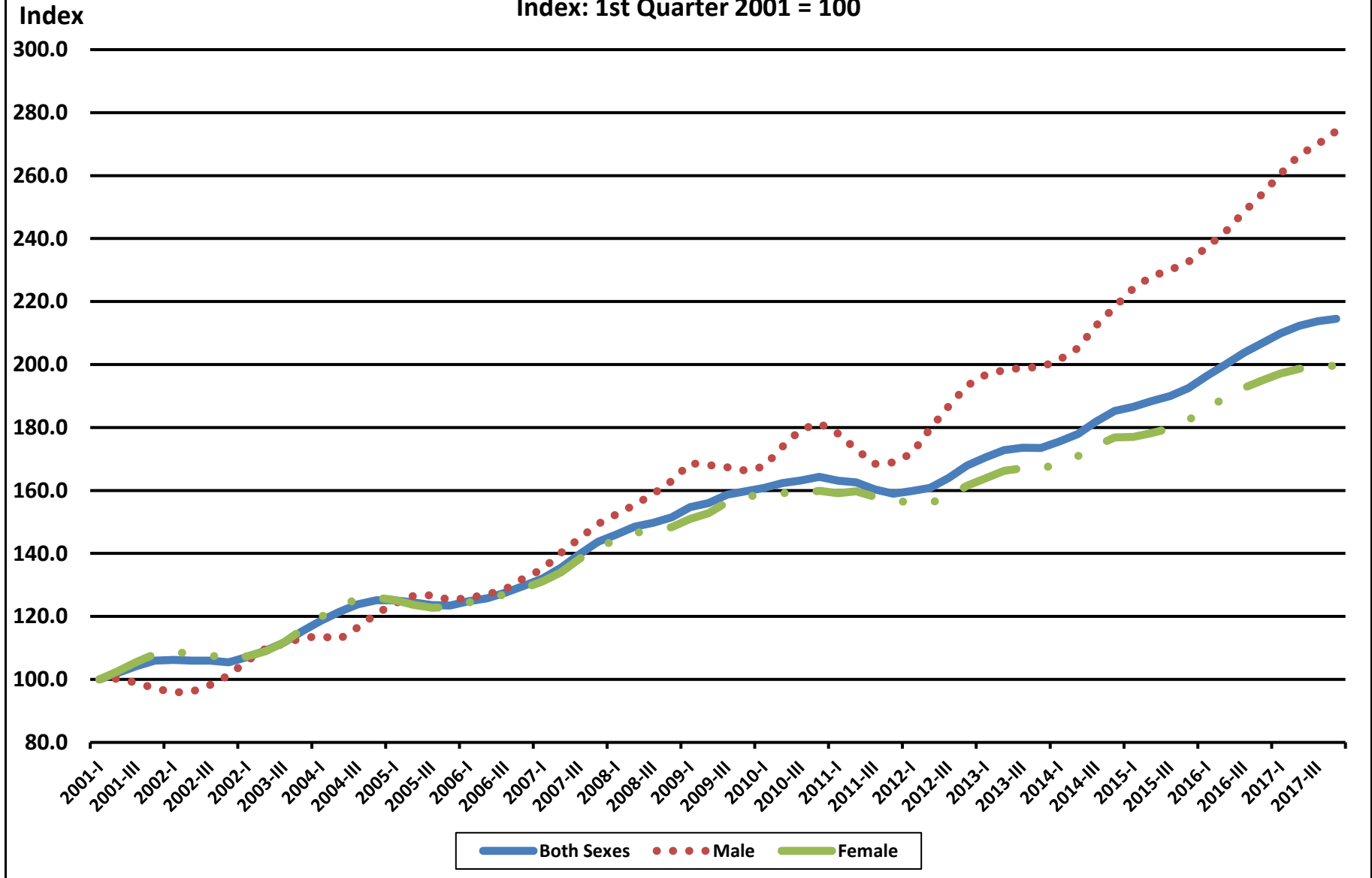
**Chart 43e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 55 to 64 and Gender**



Appendix G: Rural Oklahoma Employment Charts by Industry Group, Age Group and Gender

**Chart 44e. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Employment by Ages 65 to 99 and Gender**

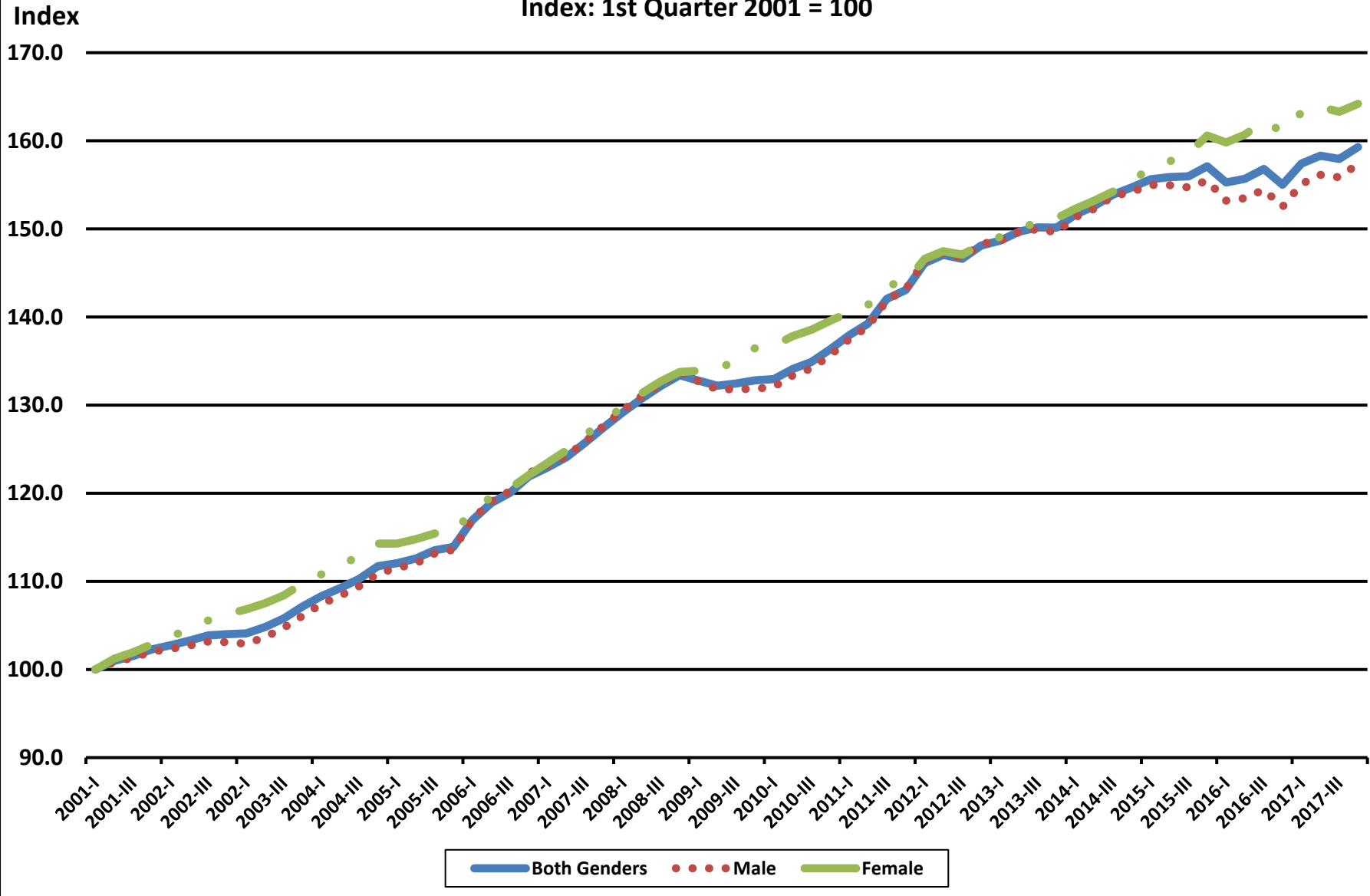
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

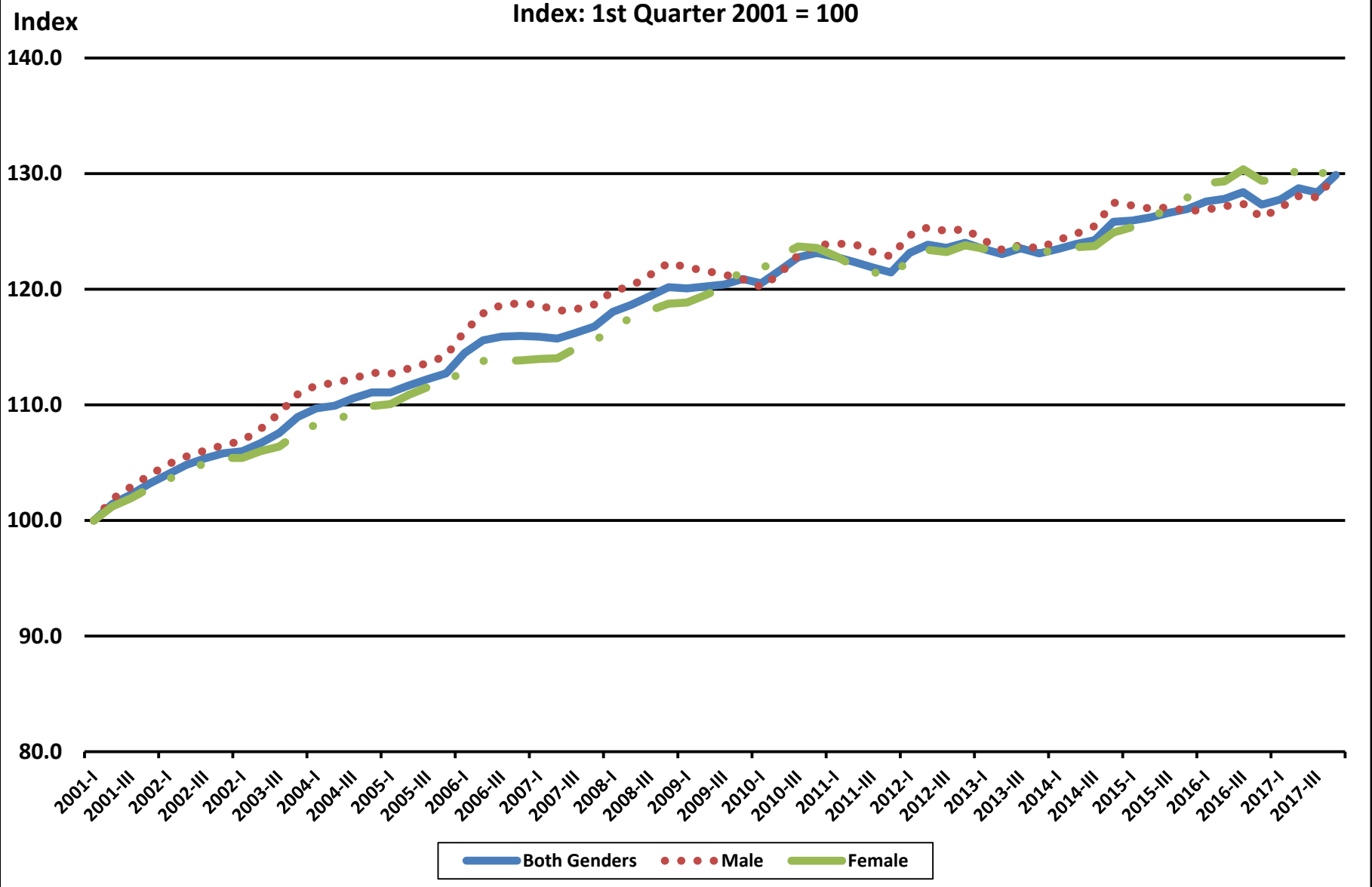
Chart 9f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Gender

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

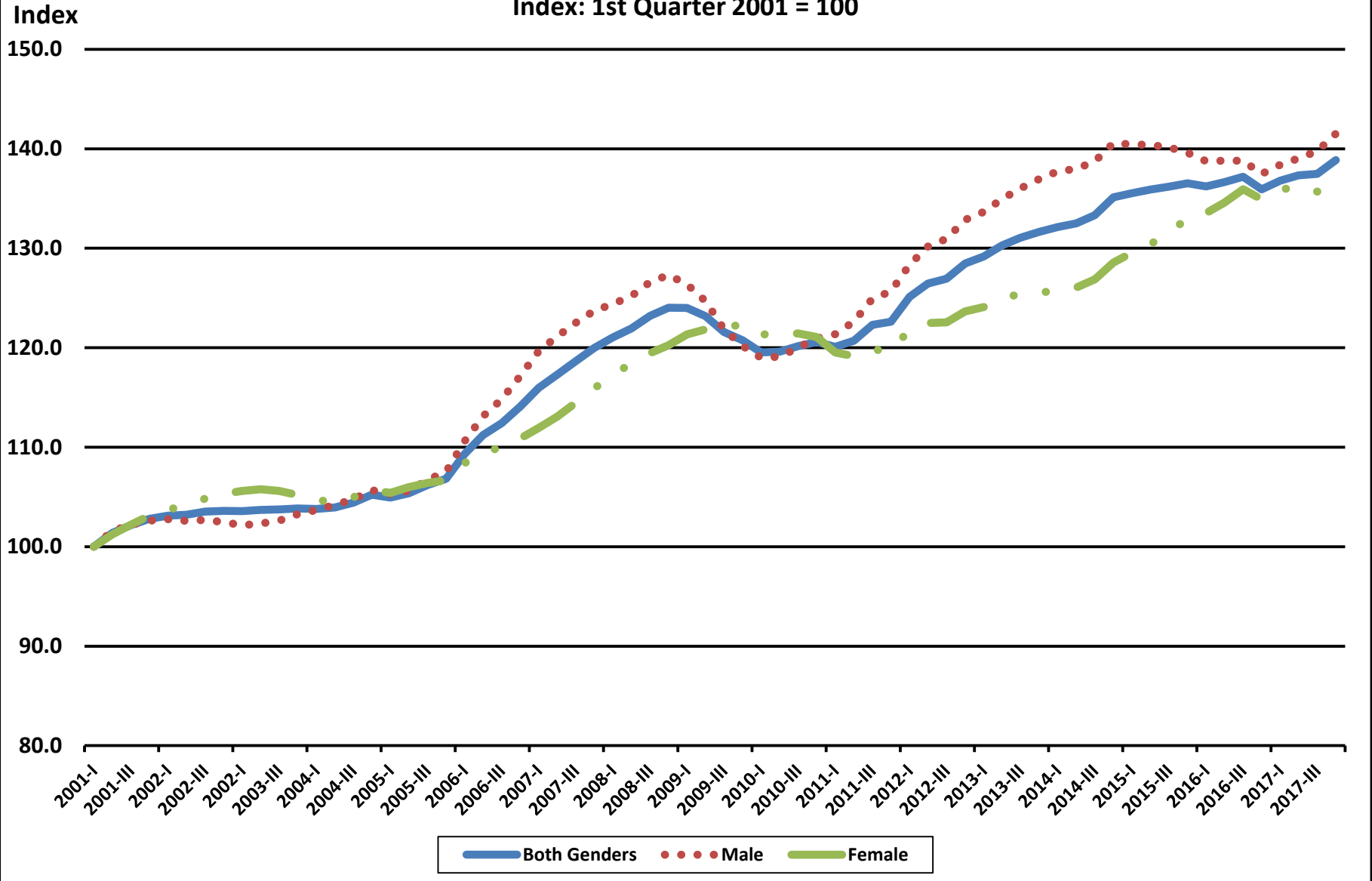
Chart 10f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 14 to 18 and Gender



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

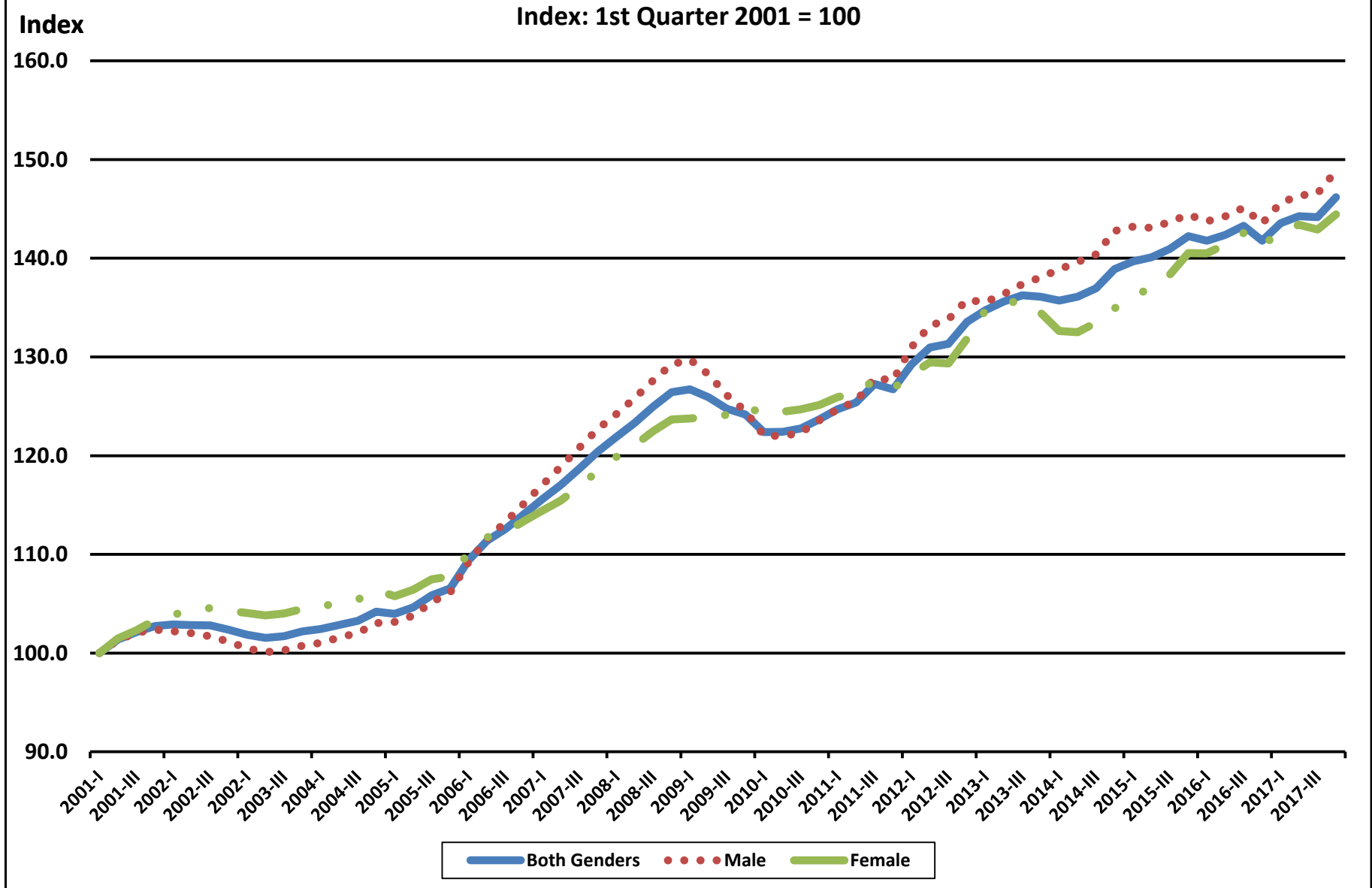
Chart 11f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 19 to 21 and Gender

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

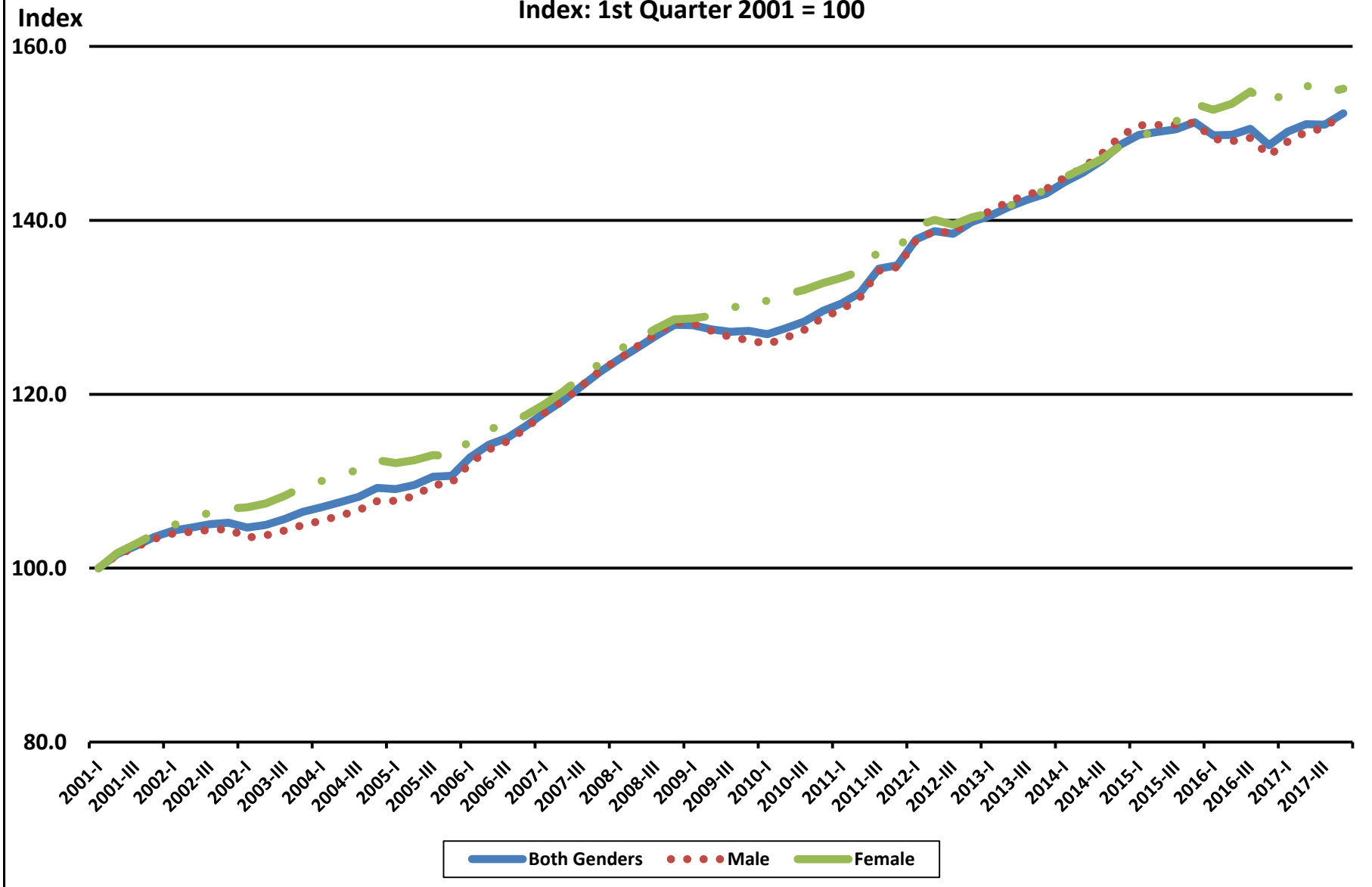
**Chart 12f. Urban Oklahoma: All Industries,
Four Quarter Moving Average Earnings by Ages 22 to 24 and Gender**



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 13f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 25 to 34 and Gender

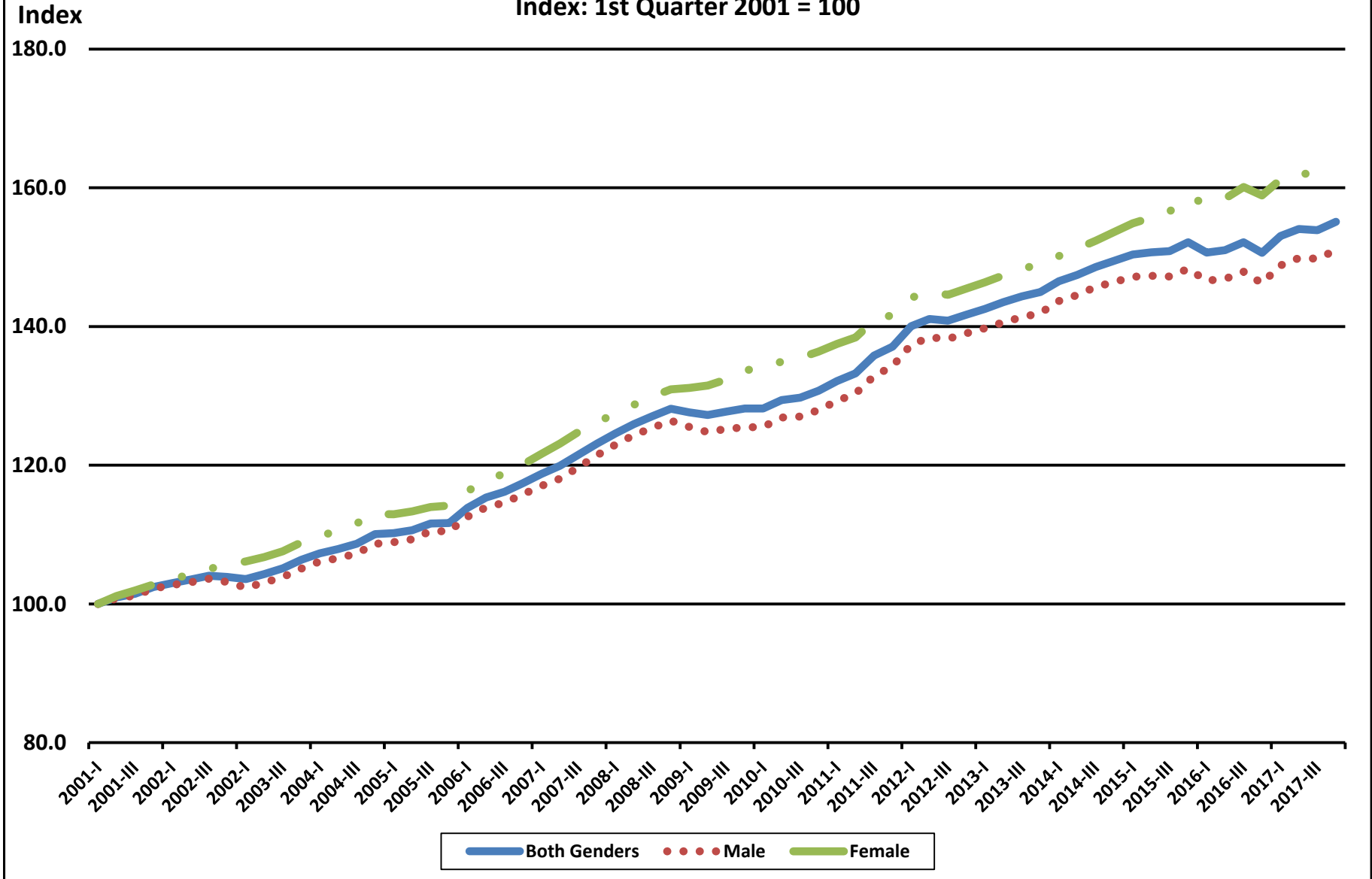
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 14f. Urban Oklahoma: All Industries,
Four Quarter Moving Average Earnings by Ages 35 to 44 and Gender**

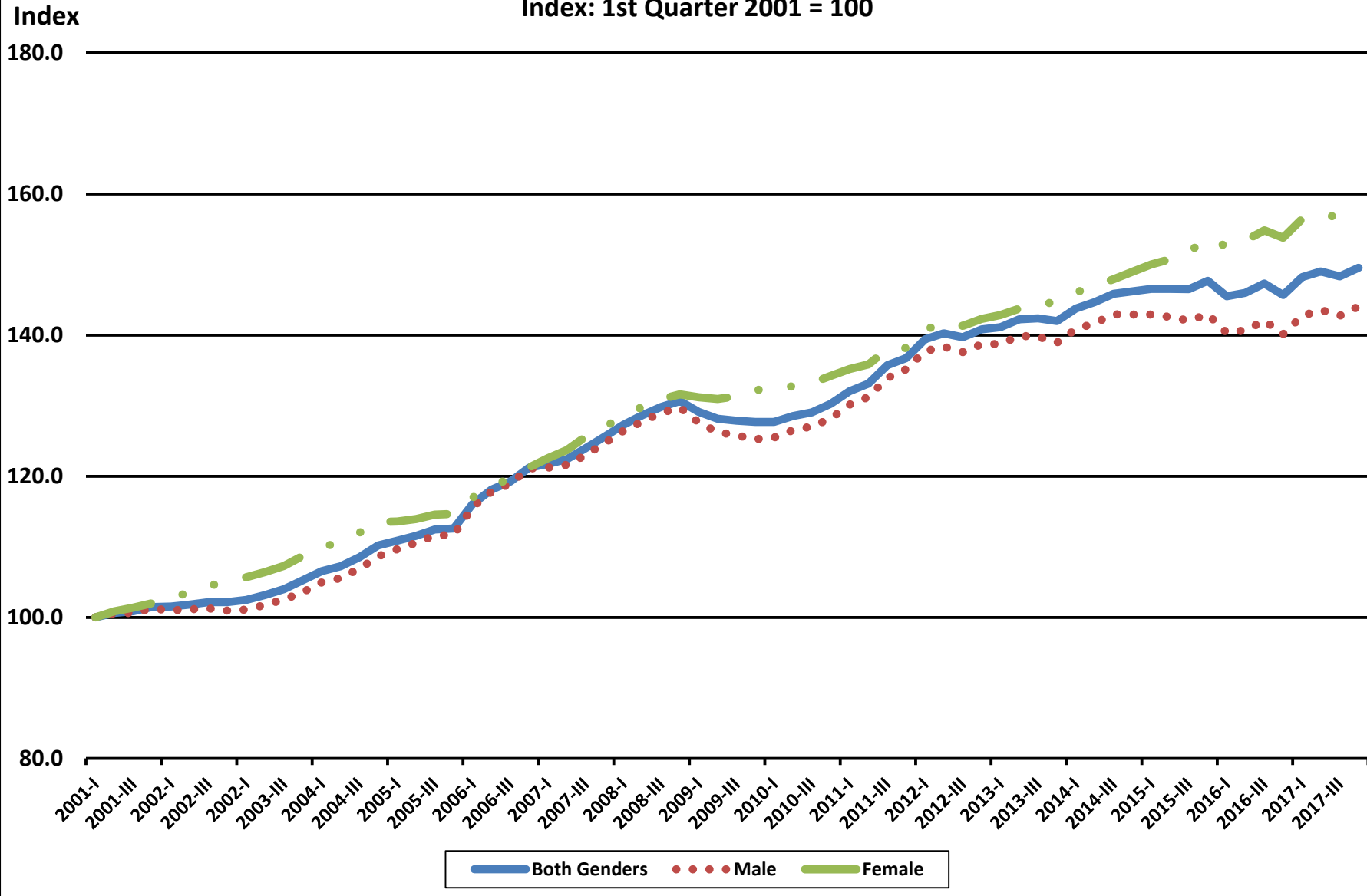
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 15f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 45 to 54 and Gender

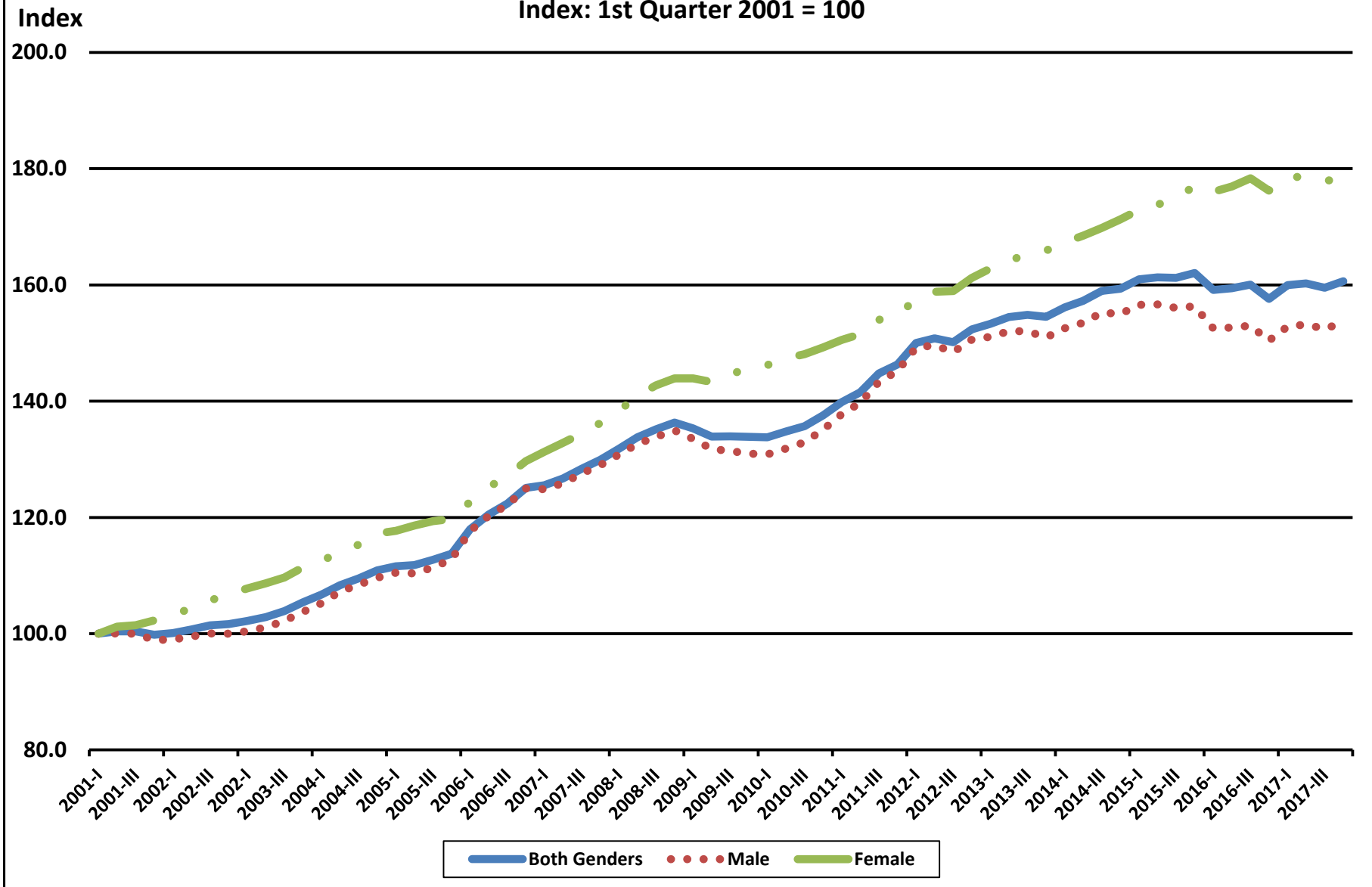
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 16f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 55 to 64 and Gender

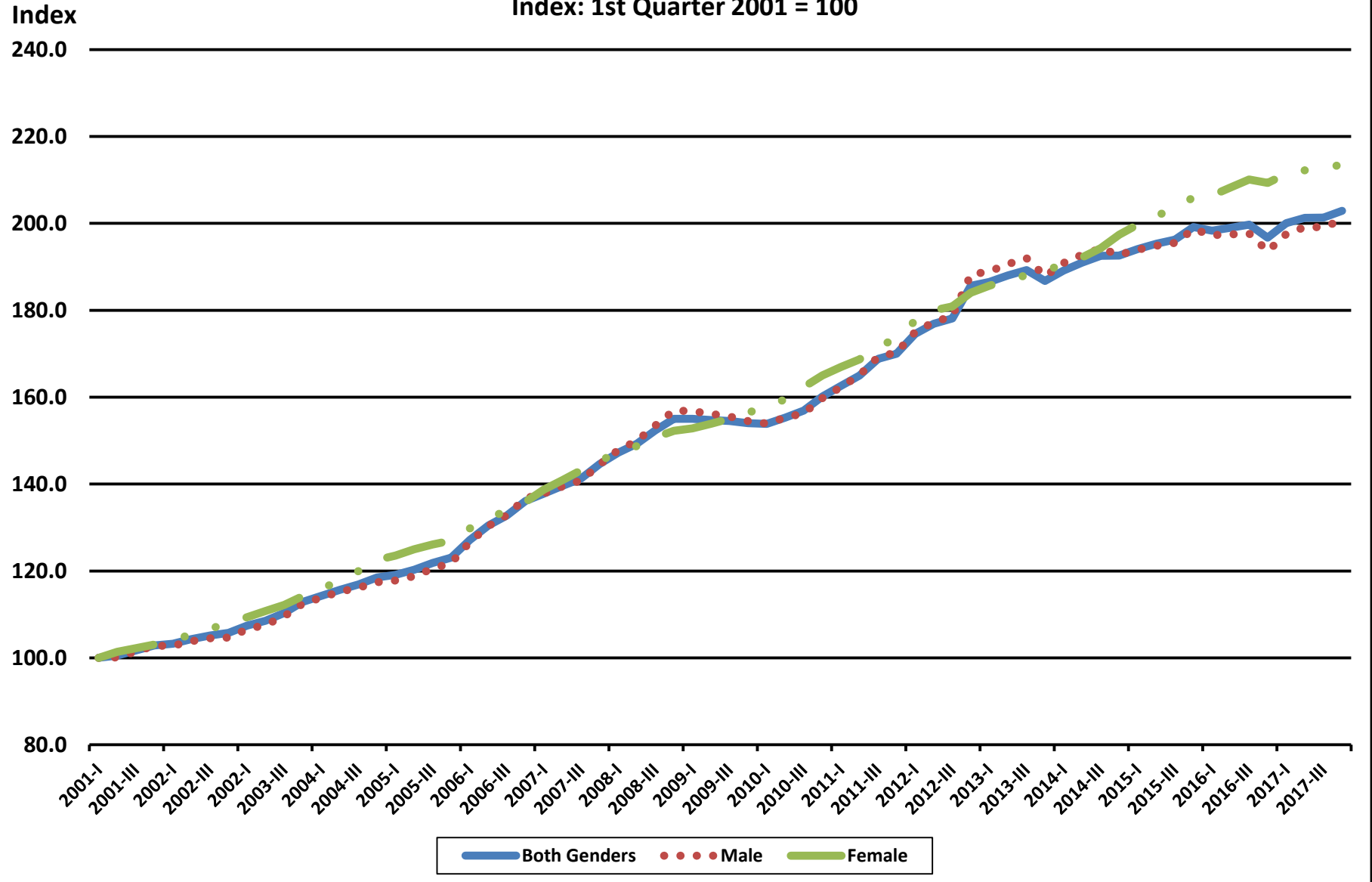
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 17f. Urban Oklahoma: All Industries, Four Quarter Moving Average Earnings by Ages 65 to 99 and Gender

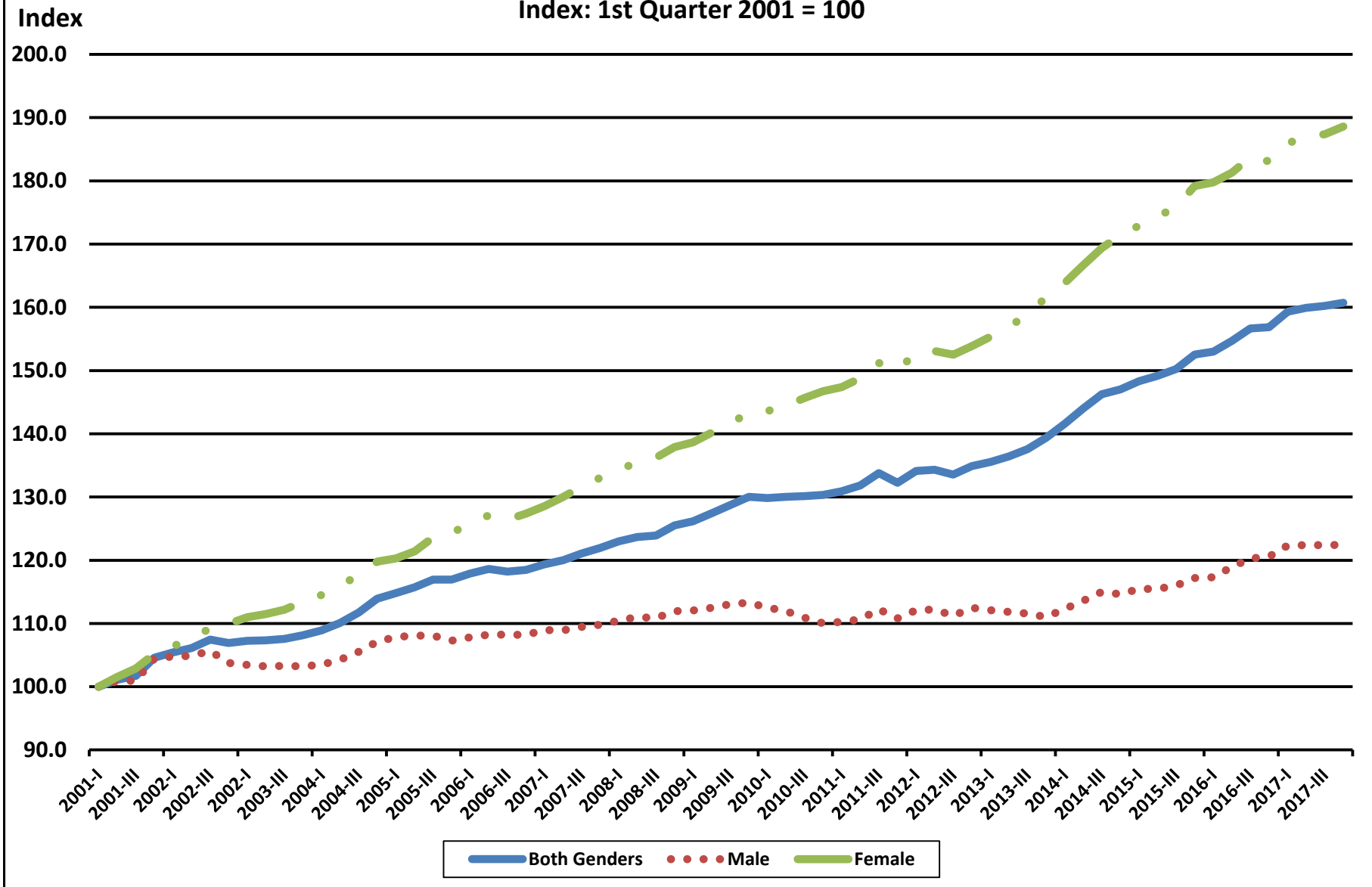
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 18f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Gender**

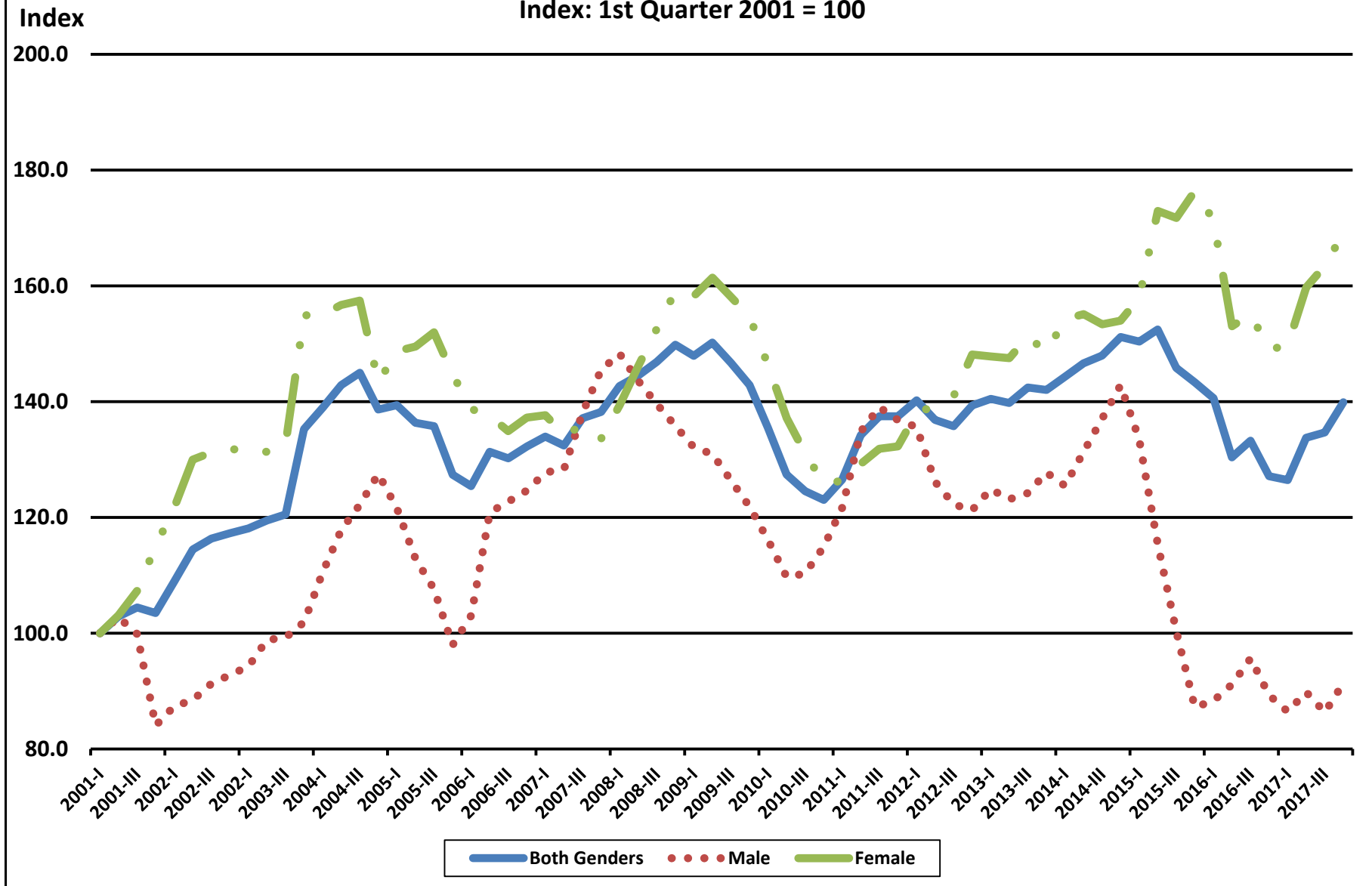
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 19f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 14 to 18 and Gender**

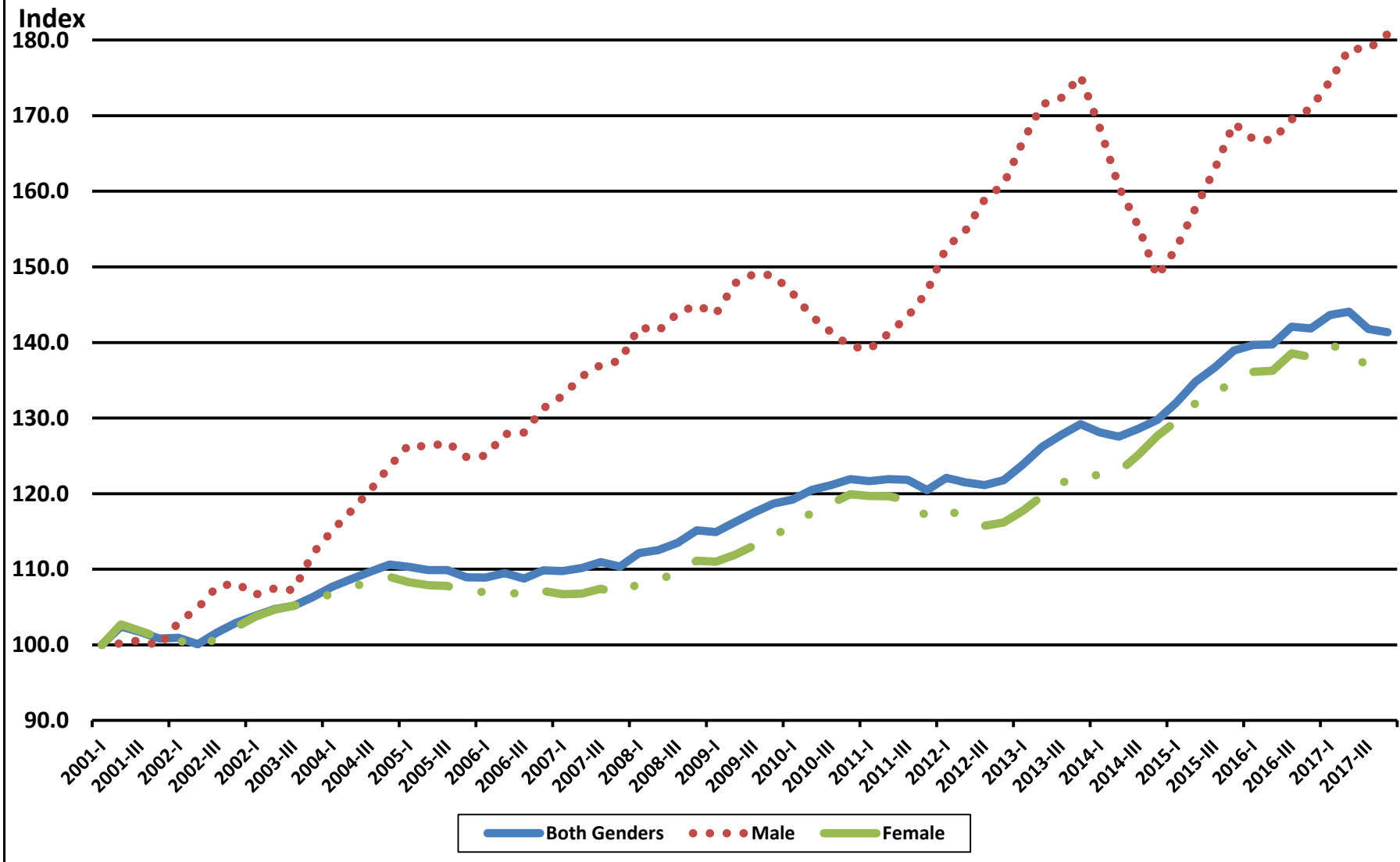
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 20f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 19 to 21 and Gender**

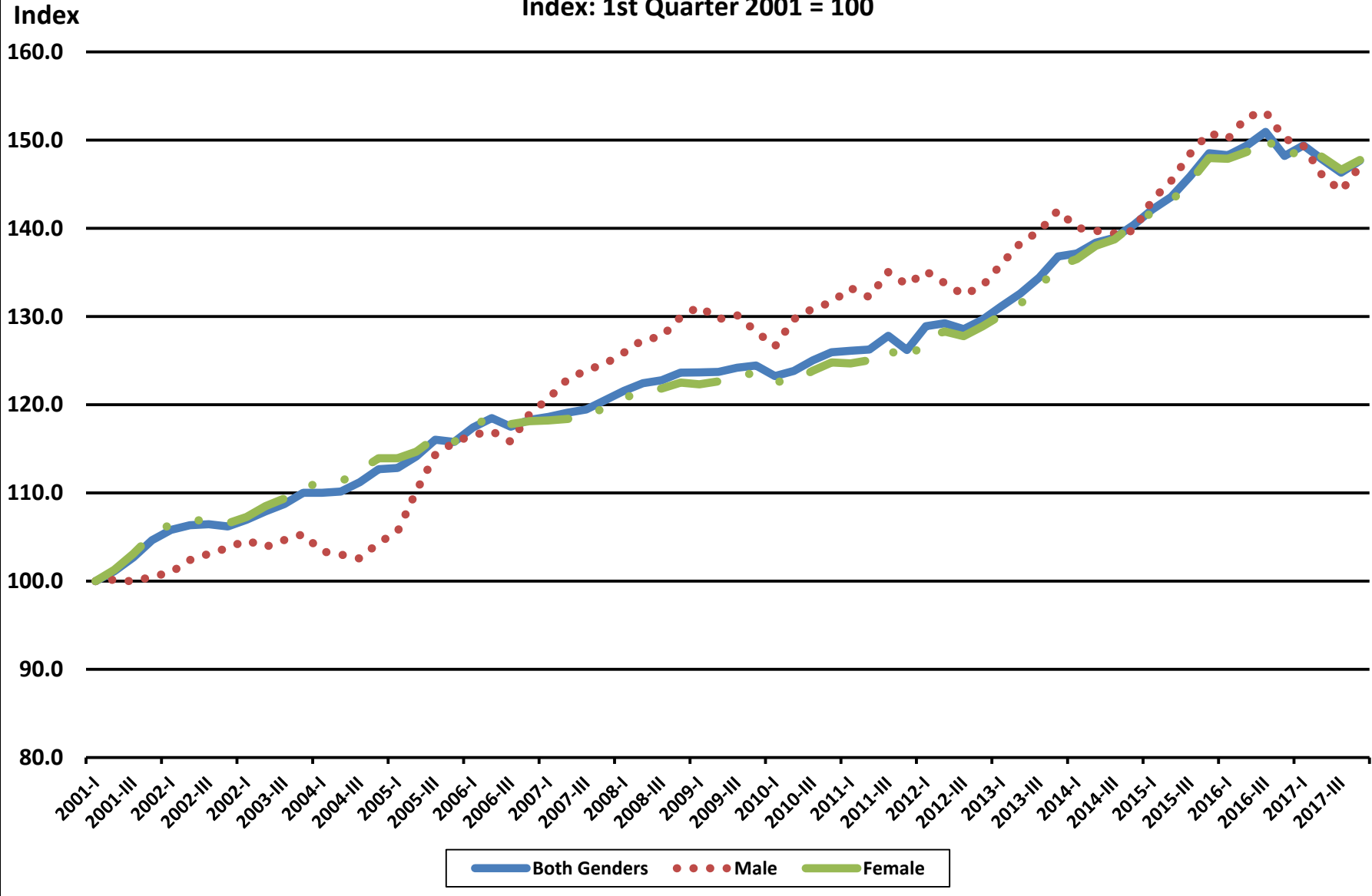
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 21f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 22 to 24 and Gender**

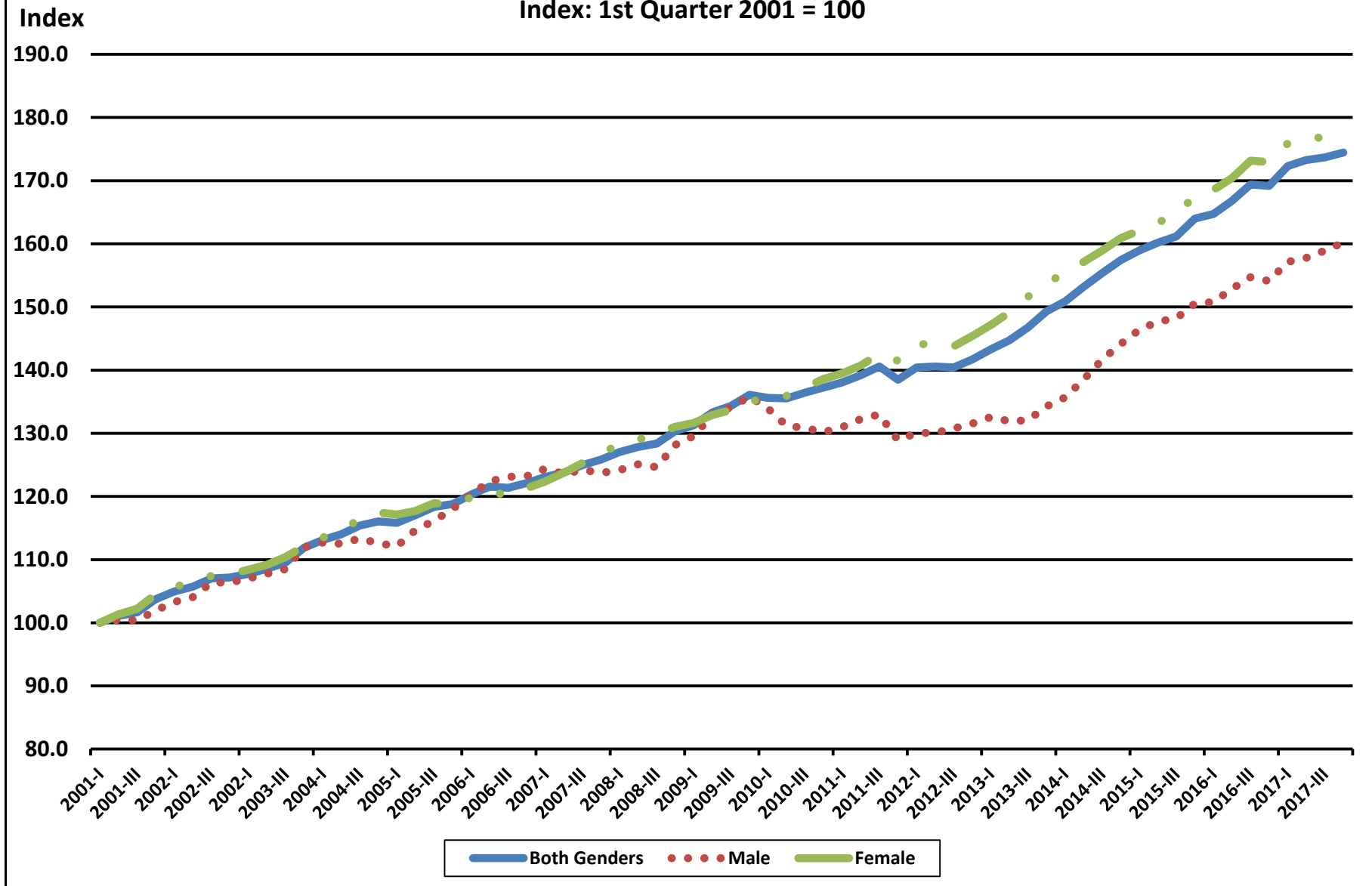
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 22f, Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 25 to 34 and Gender**

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 23f. Urban Oklahoma: Ambulatory Health Care Services, Four Quarter Moving Average Earnings by Ages 35 to 44 and Gender

Index: 1st Quarter 2001 = 100

Index

200.0

180.0

160.0

140.0

120.0

100.0

80.0

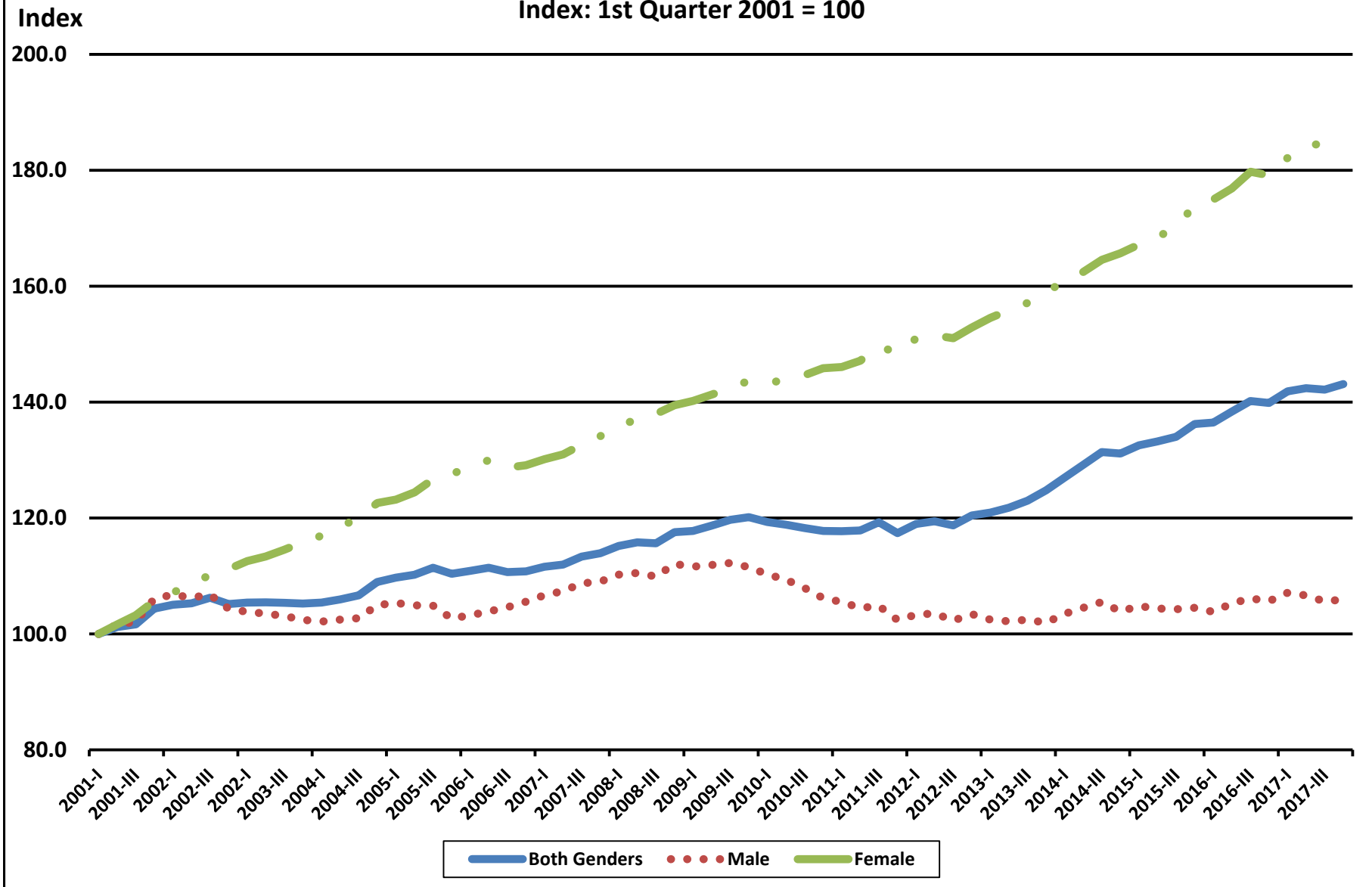
2001-I 2001-III 2002-I 2002-III 2003-I 2003-III 2004-I 2004-III 2005-I 2005-III 2006-I 2006-III 2007-I 2007-III 2008-I 2008-III 2009-I 2009-III 2010-I 2010-III 2011-I 2011-III 2012-I 2012-III 2013-I 2013-III 2014-I 2014-III 2015-I 2015-III 2016-I 2016-III 2017-I 2017-III



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

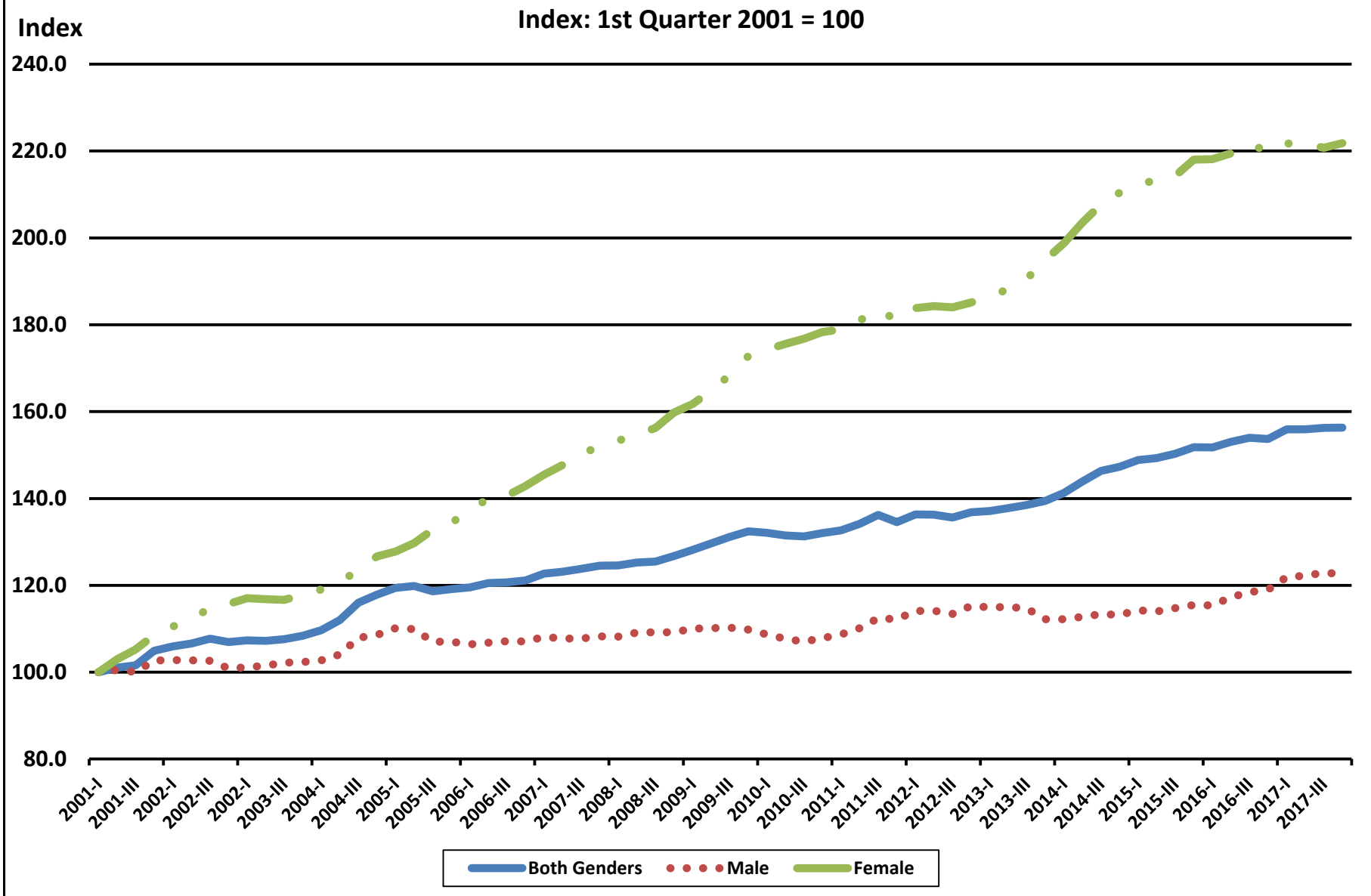
**Chart 24f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 45 to 54 and Gender**

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

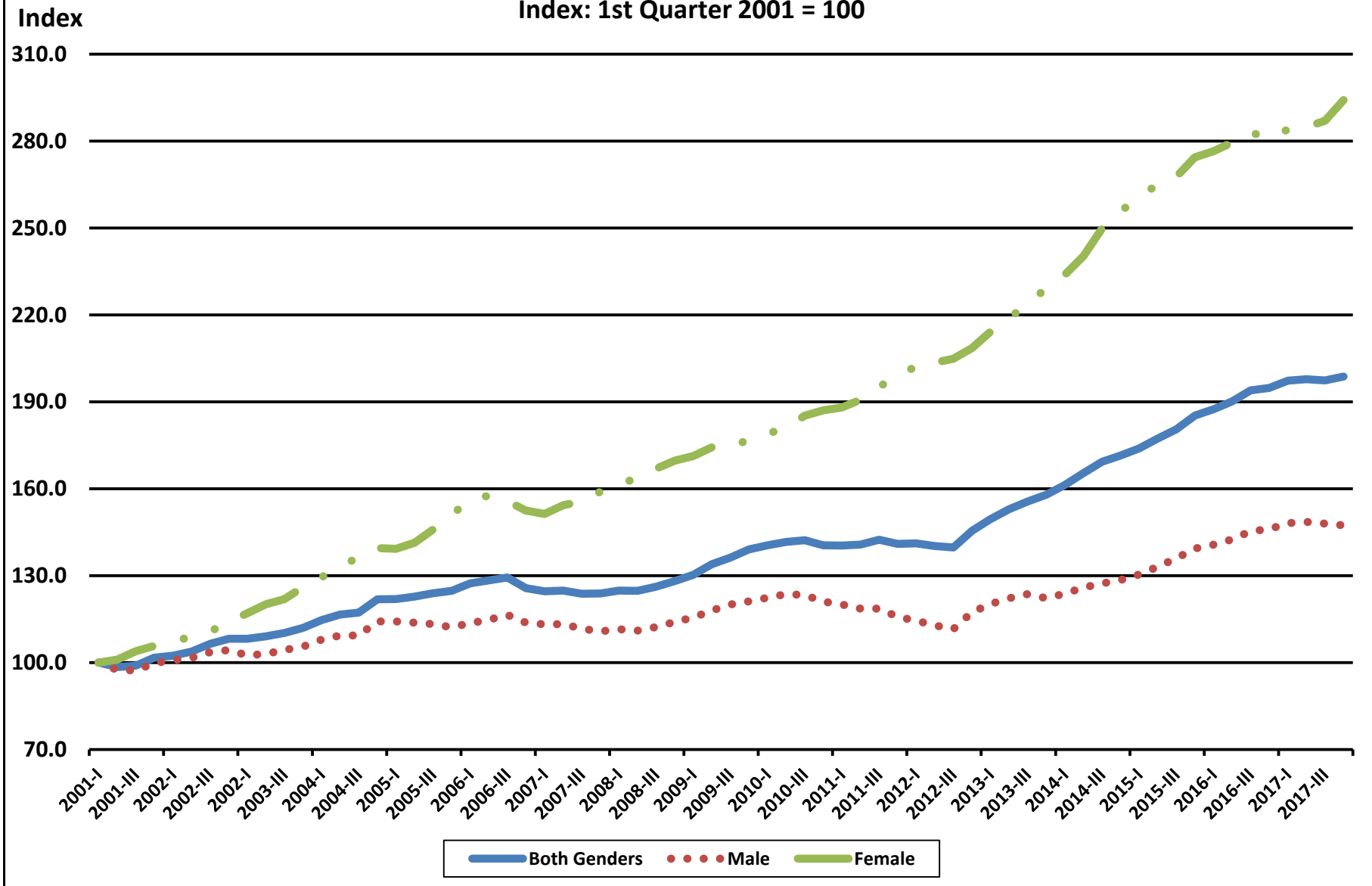
**Chart 25f. Rural Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 55 to 64 and Gender**



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 26f. Urban Oklahoma: Ambulatory Health Care Services,
Four Quarter Moving Average Earnings by Ages 65 to 99 and Gender**

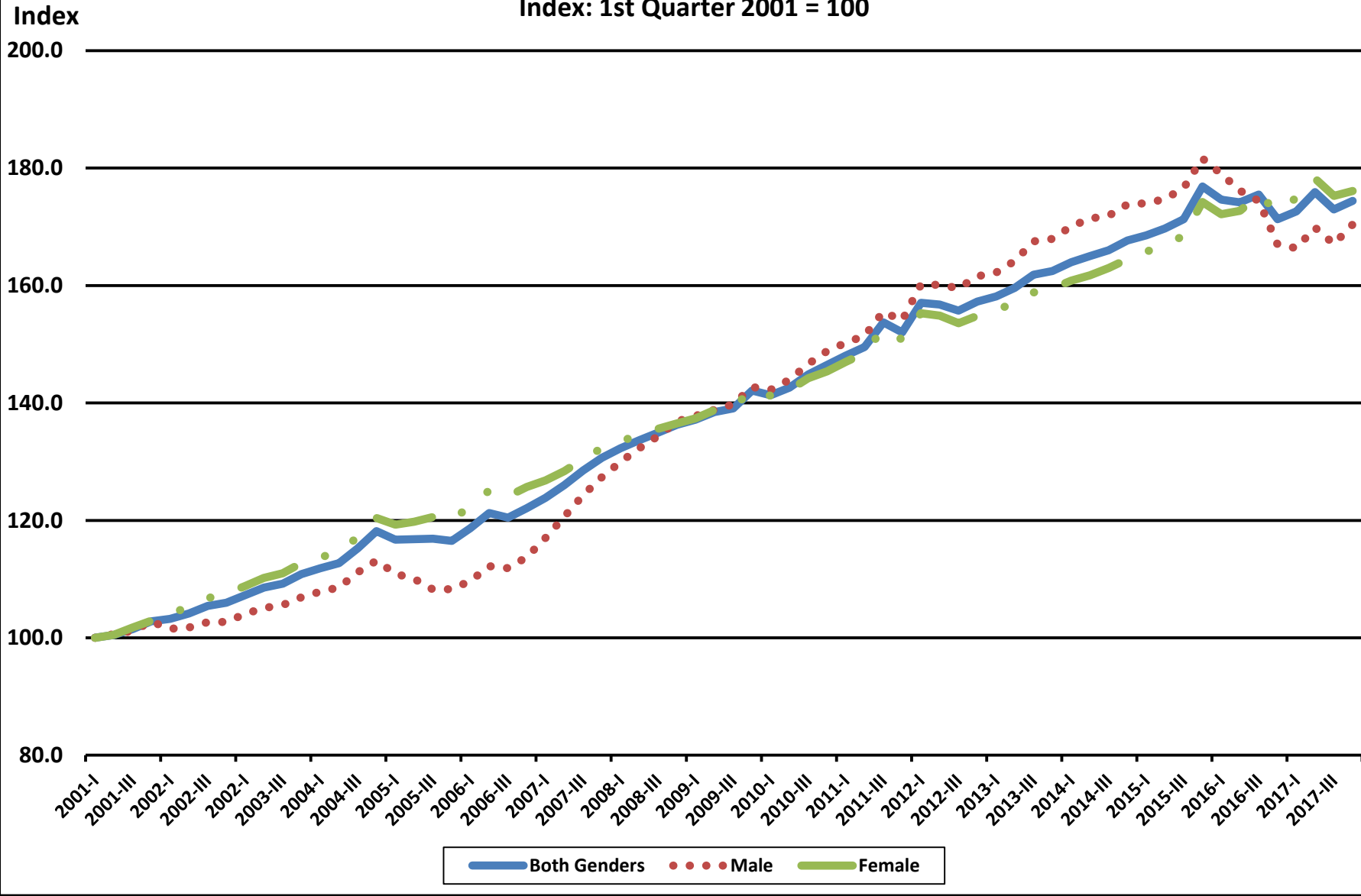
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 27f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Gender**

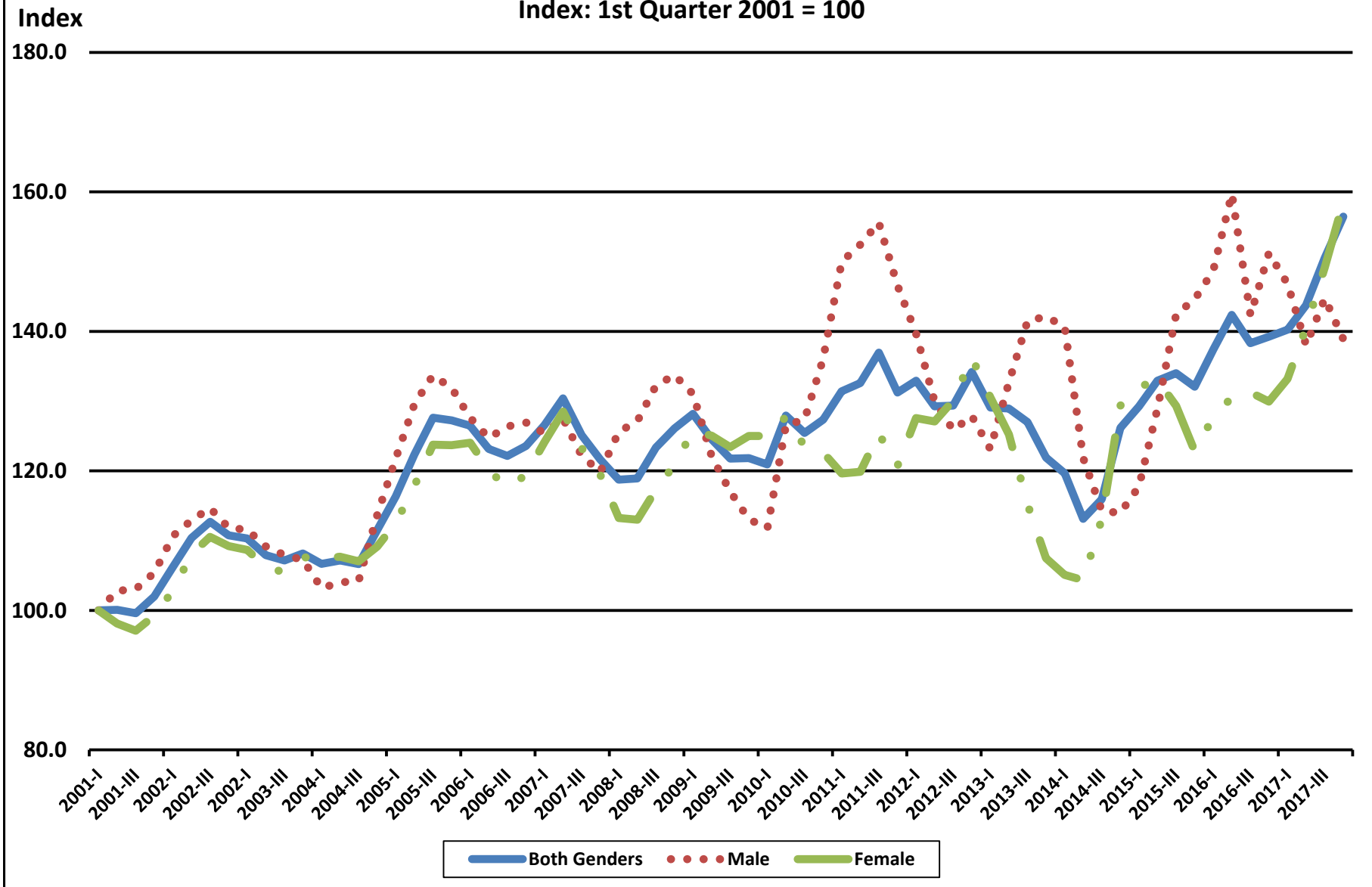
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 28f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 14 to 18 and Gender**

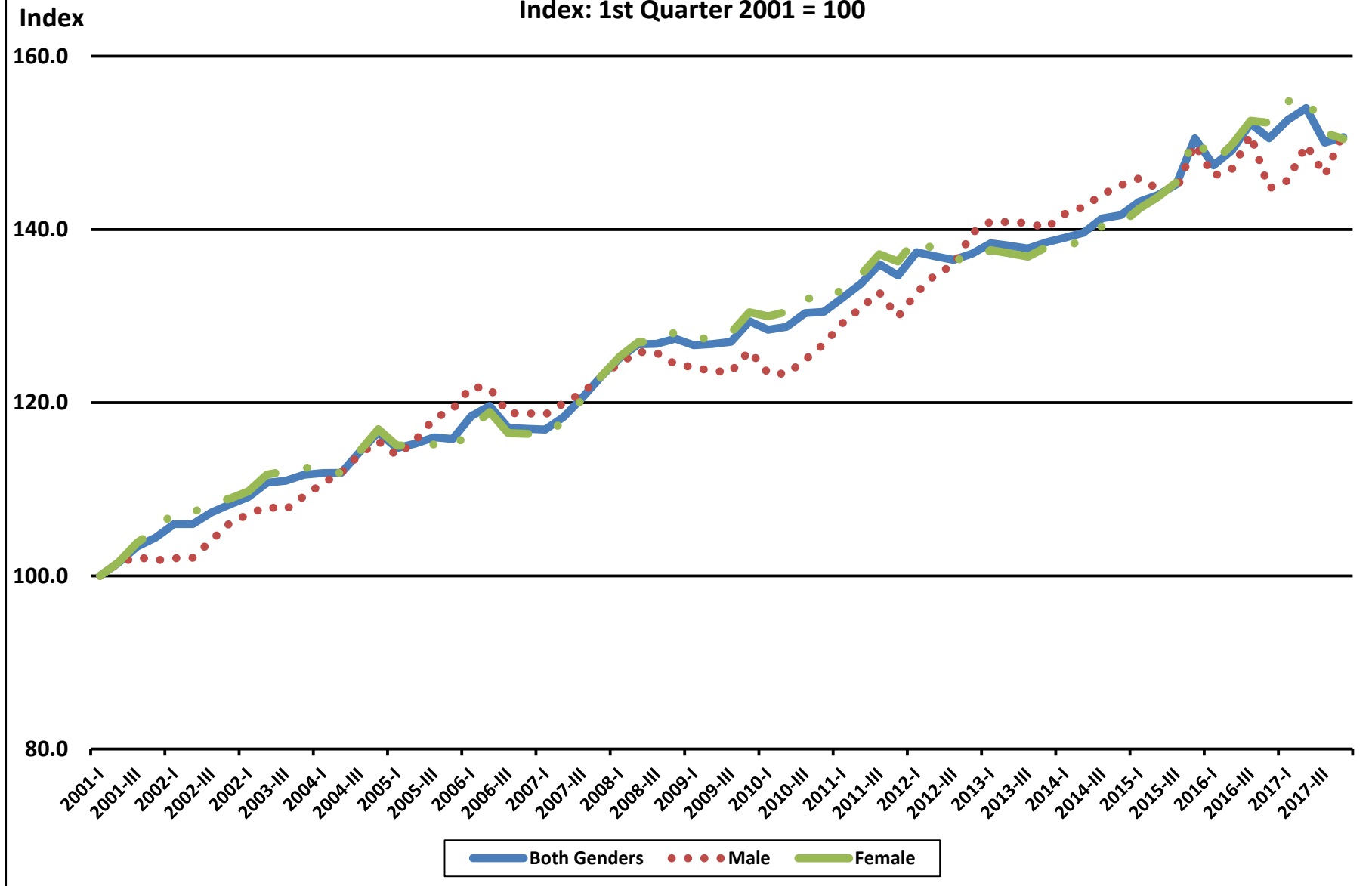
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 29f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 19 to 21 and Gender**

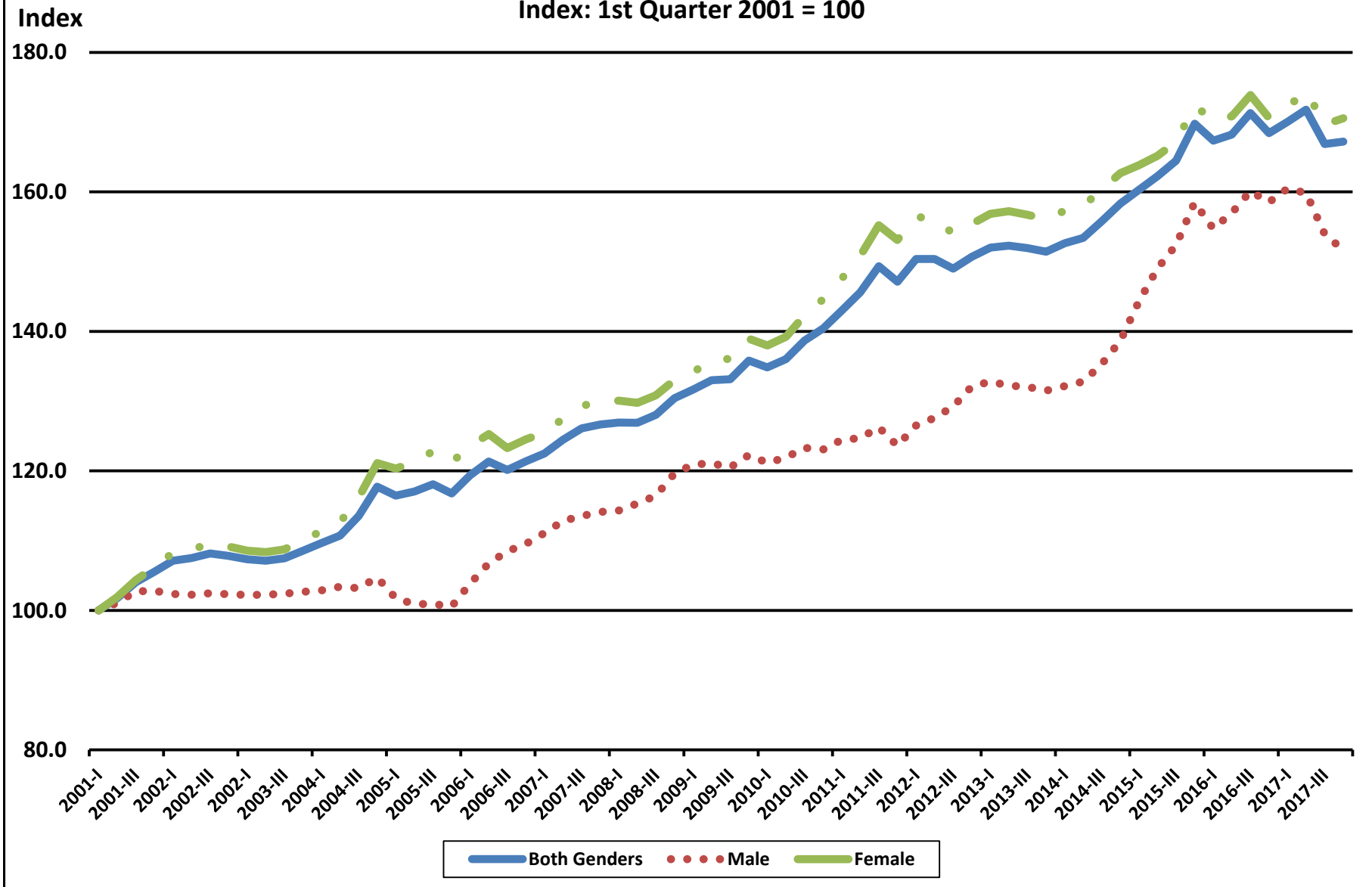
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 30f. Urban Oklahoma: Hospitals, Four Quarter Moving Average Earnings by Ages 22 to 24 and Gender

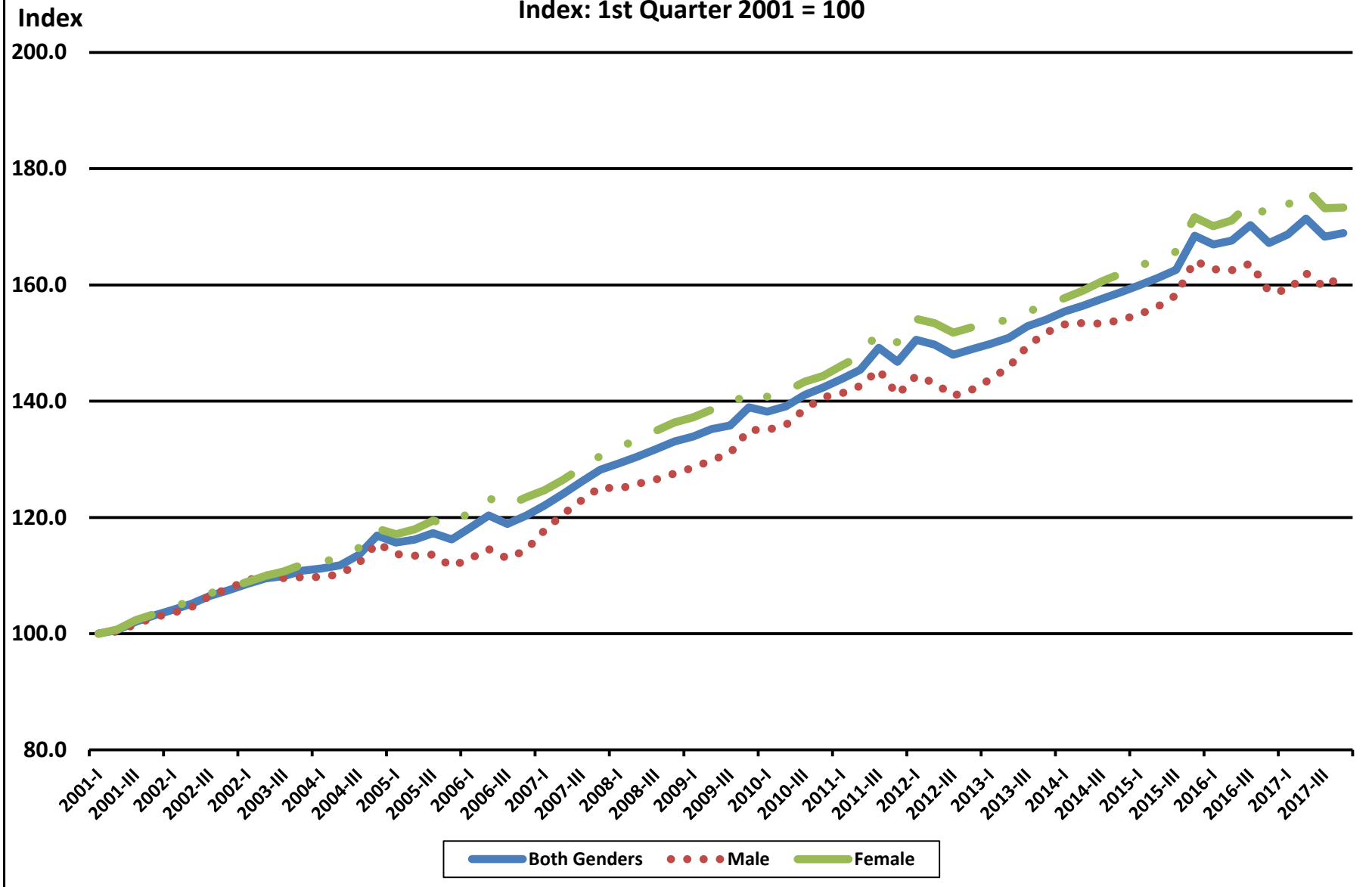
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

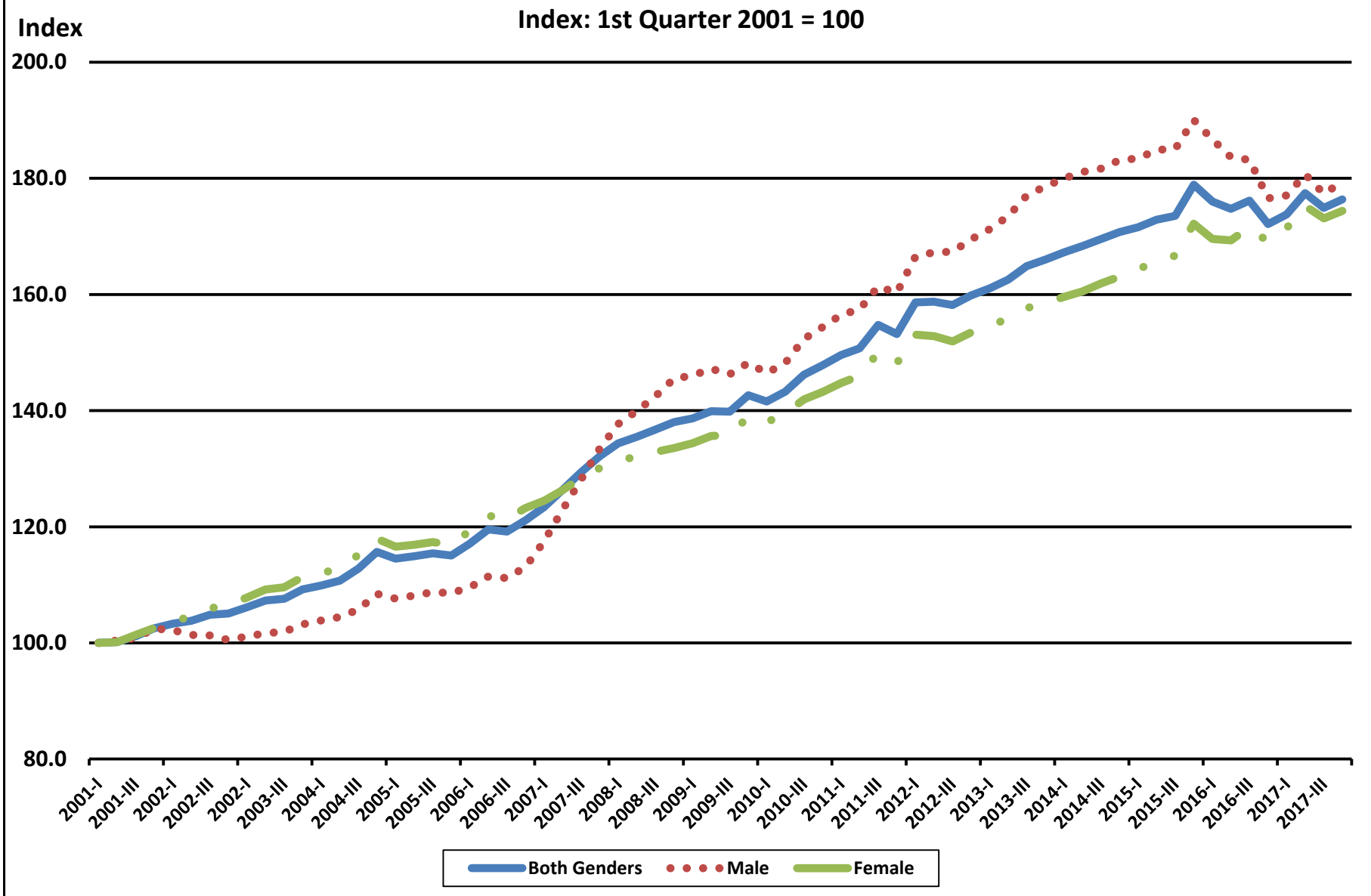
Chart 31f. Urban Oklahoma: Hospitals, Four Quarter Moving Average Earnings by Ages 25 to 34 and Gender

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

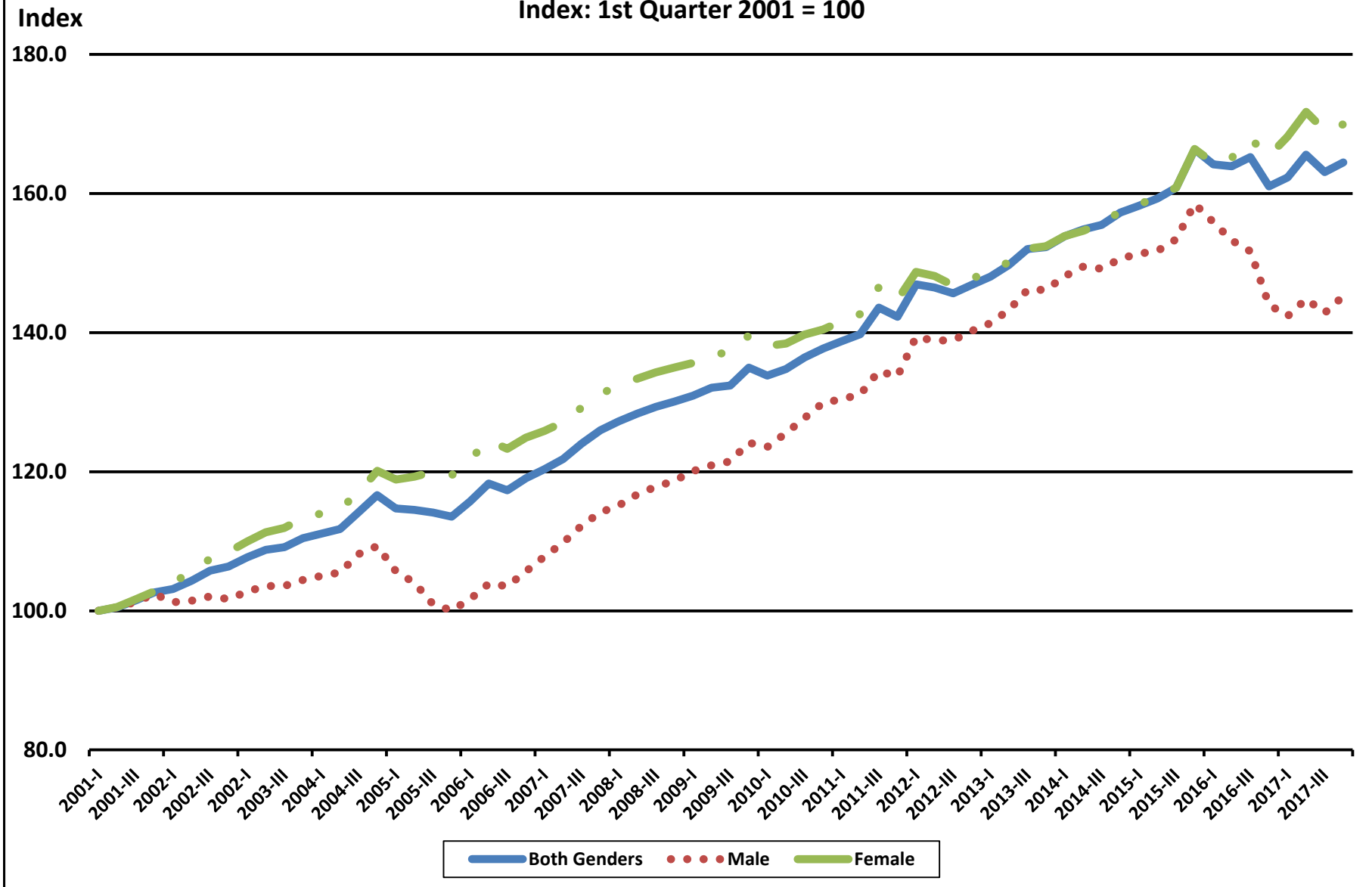
**Chart 32f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 35 to 44 and Gender**



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

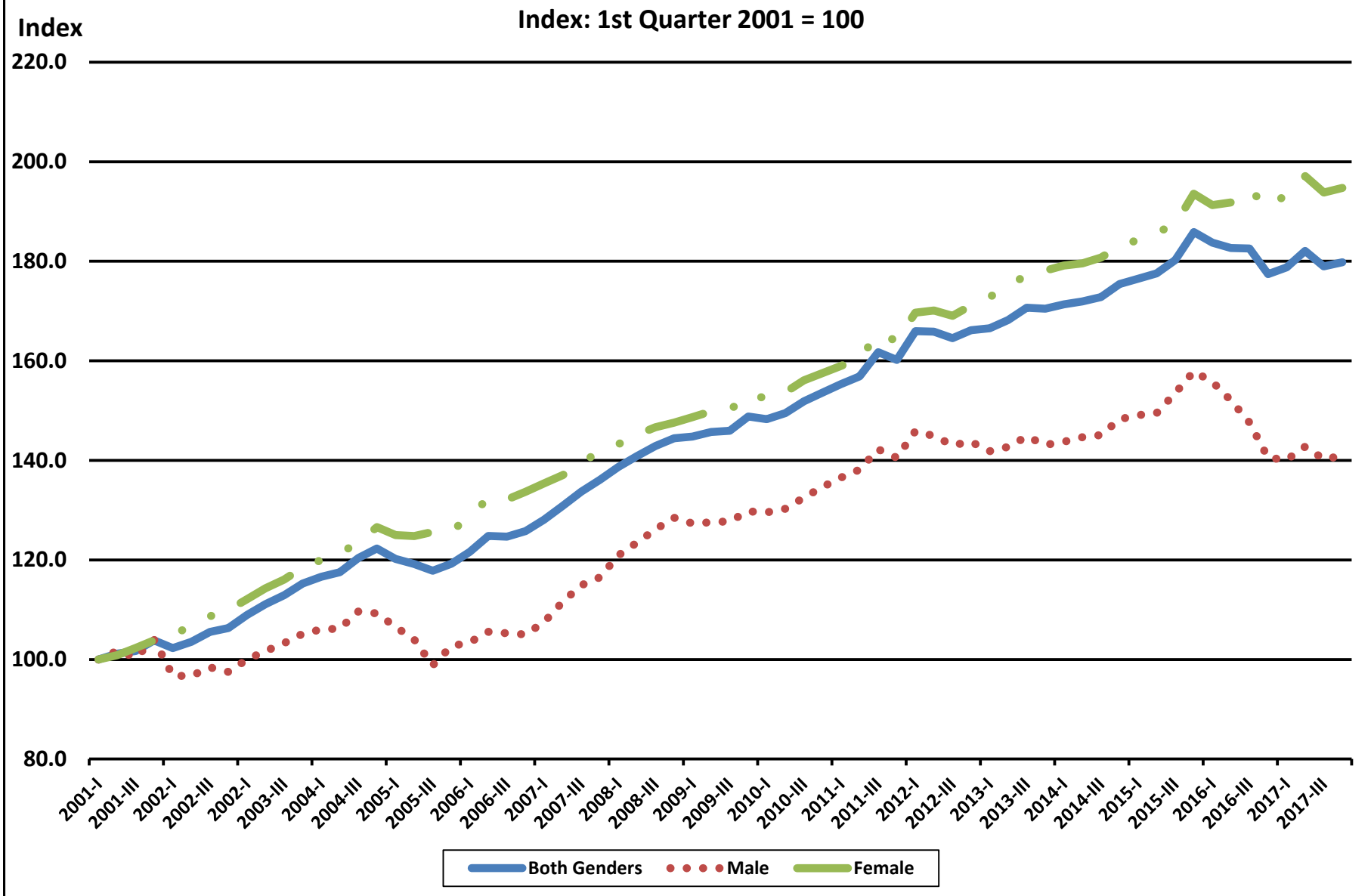
**Chart 33f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 45 to 54 and Gender**

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

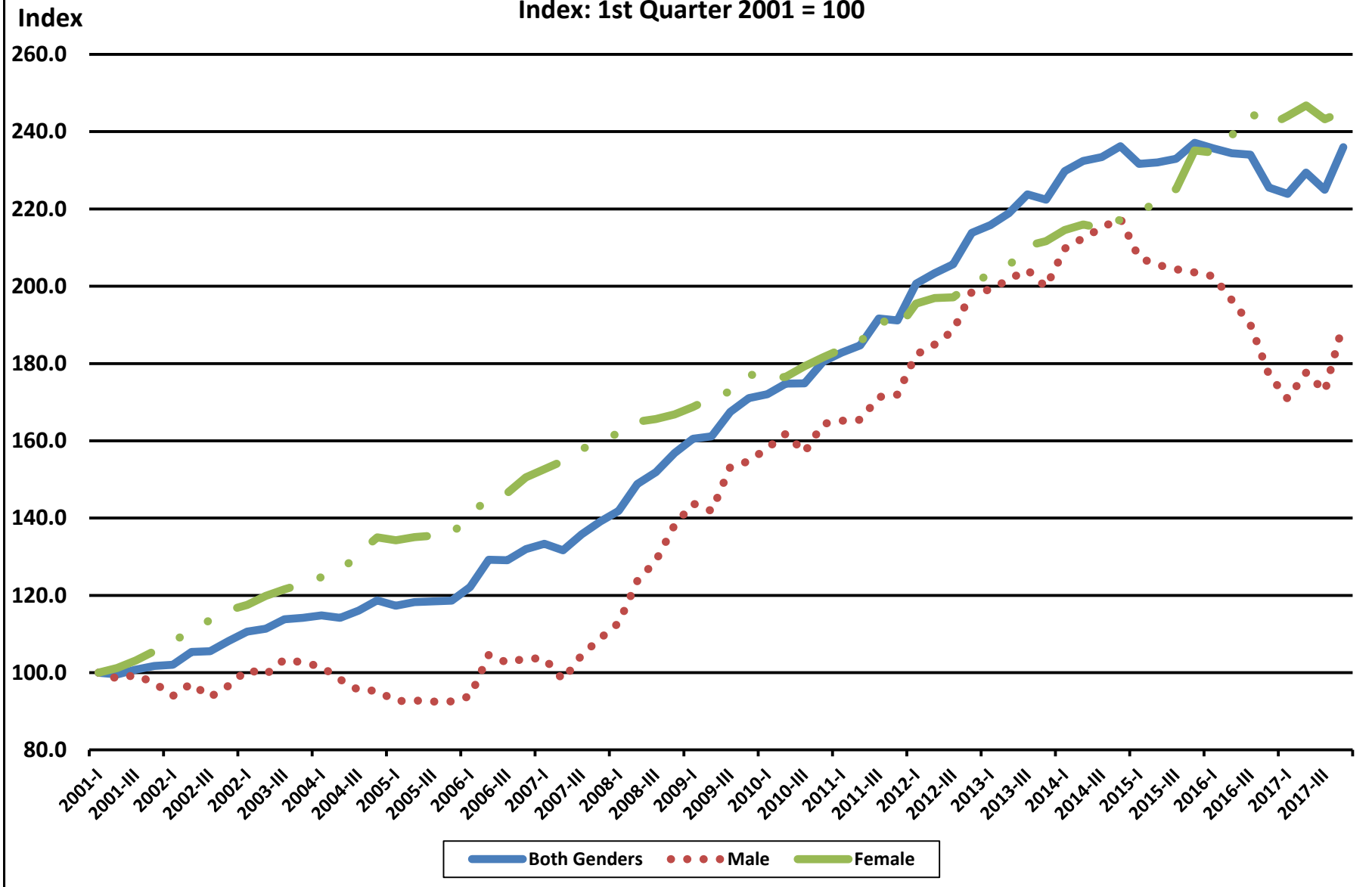
**Chart 34f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 55 to 64 and Gender**



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

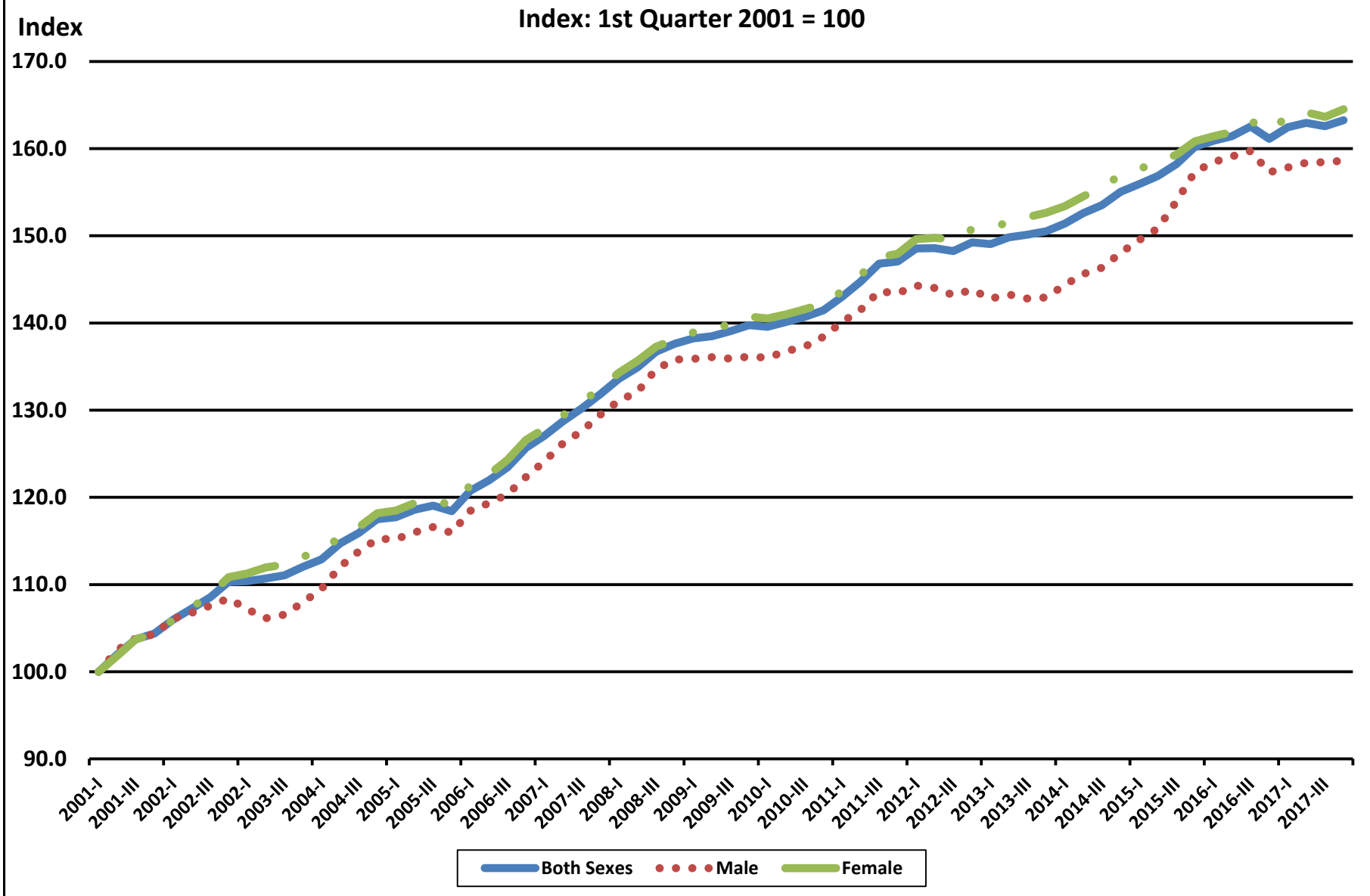
**Chart 35f. Urban Oklahoma: Hospitals,
Four Quarter Moving Average Earnings by Ages 65 to 99 and Gender**

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

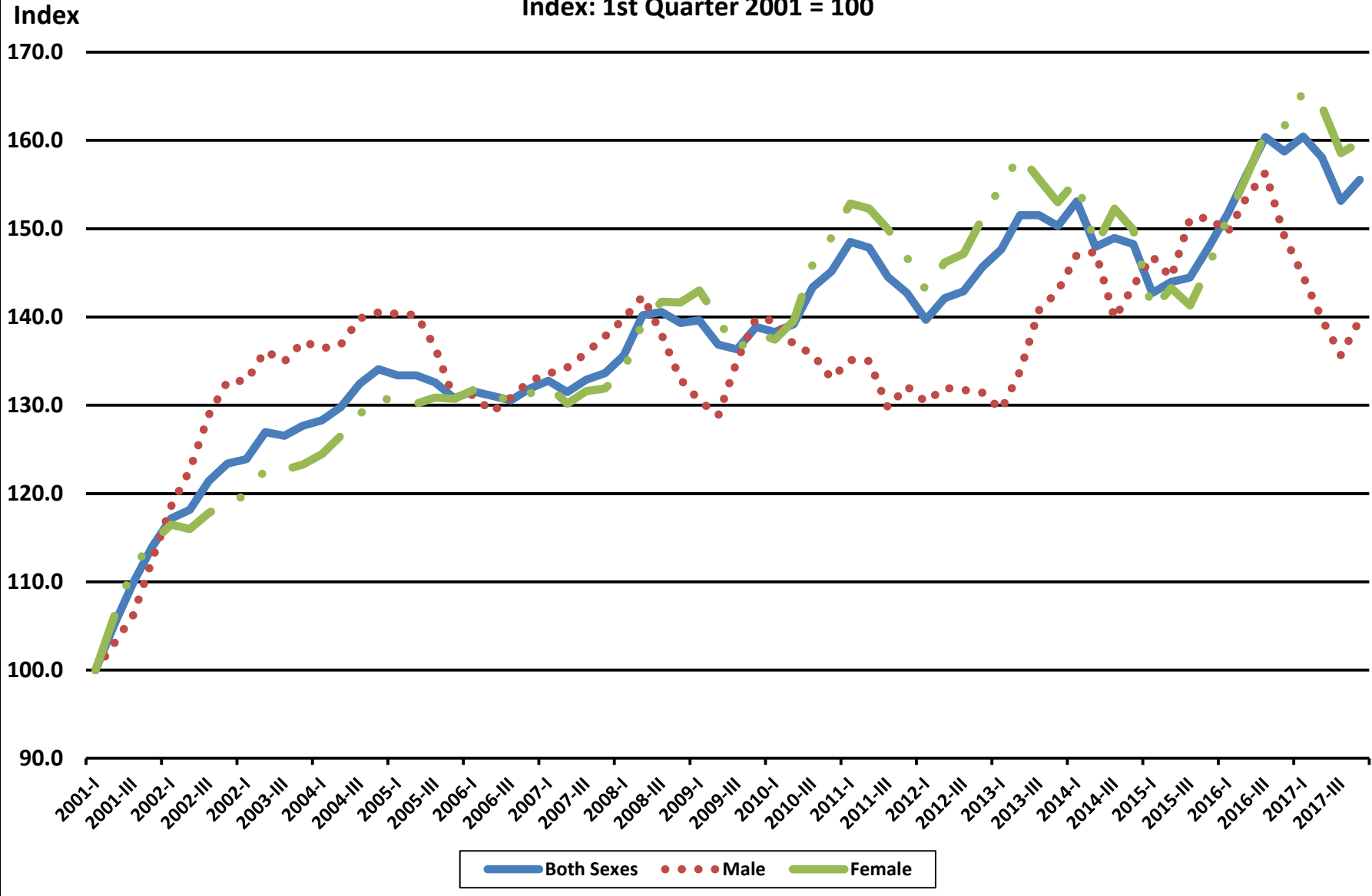
**Chart 36f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by All Ages (14 to 99 Years) and Gender**



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 37f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 14 to 18 and Gender**

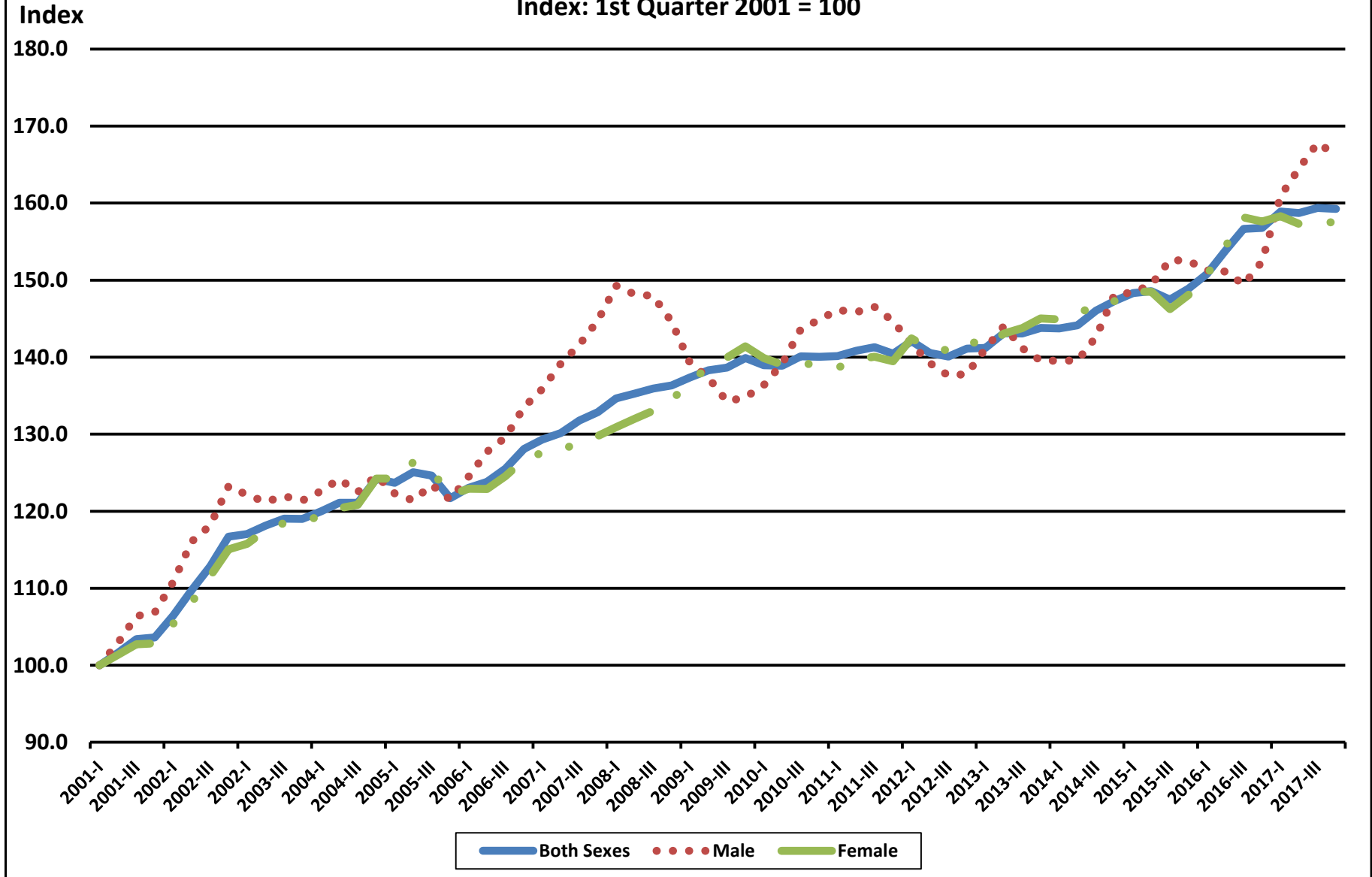
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 38f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 19 to 21 and Gender**

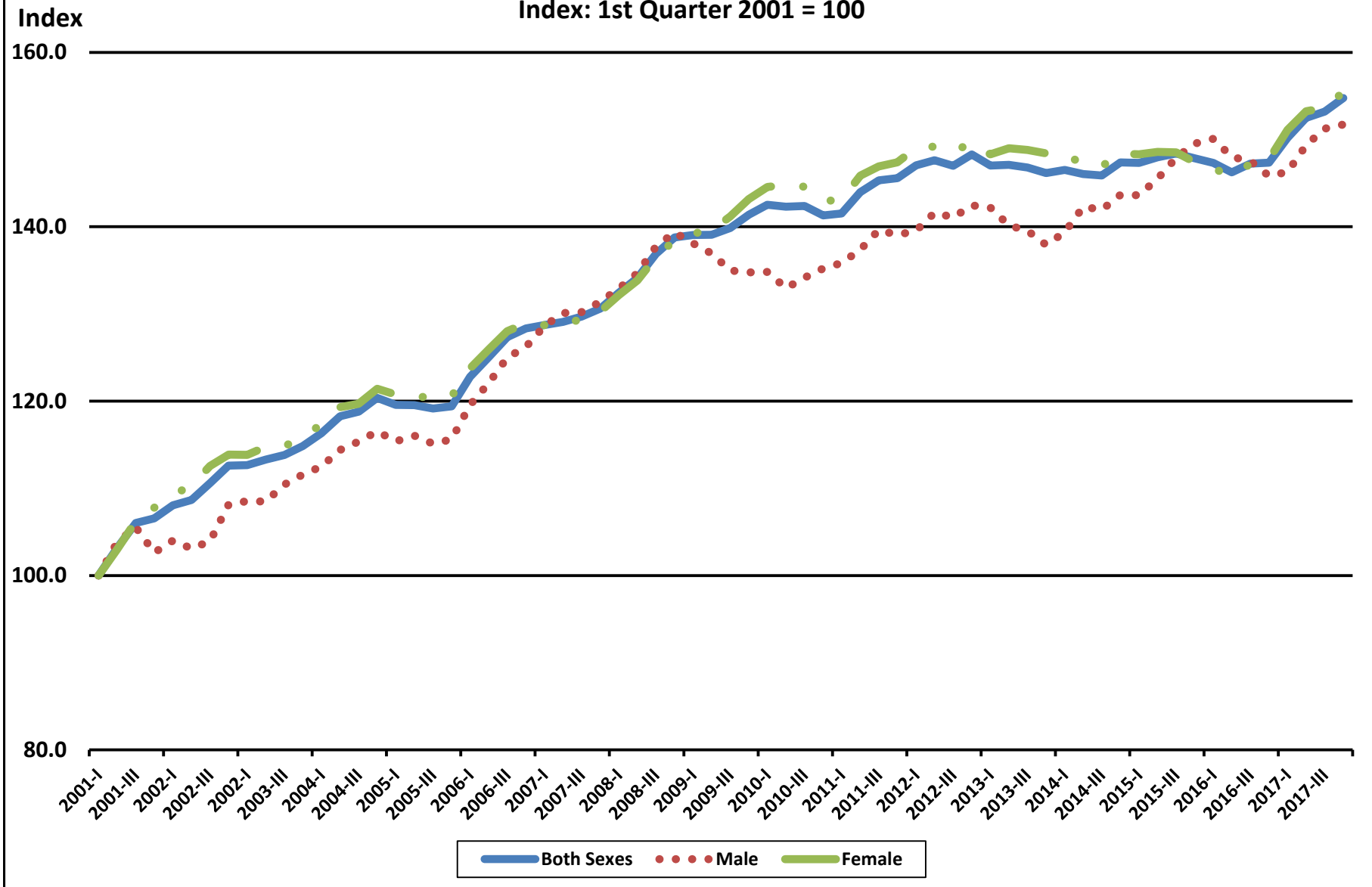
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Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 39f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 22 to 24 and Gender**

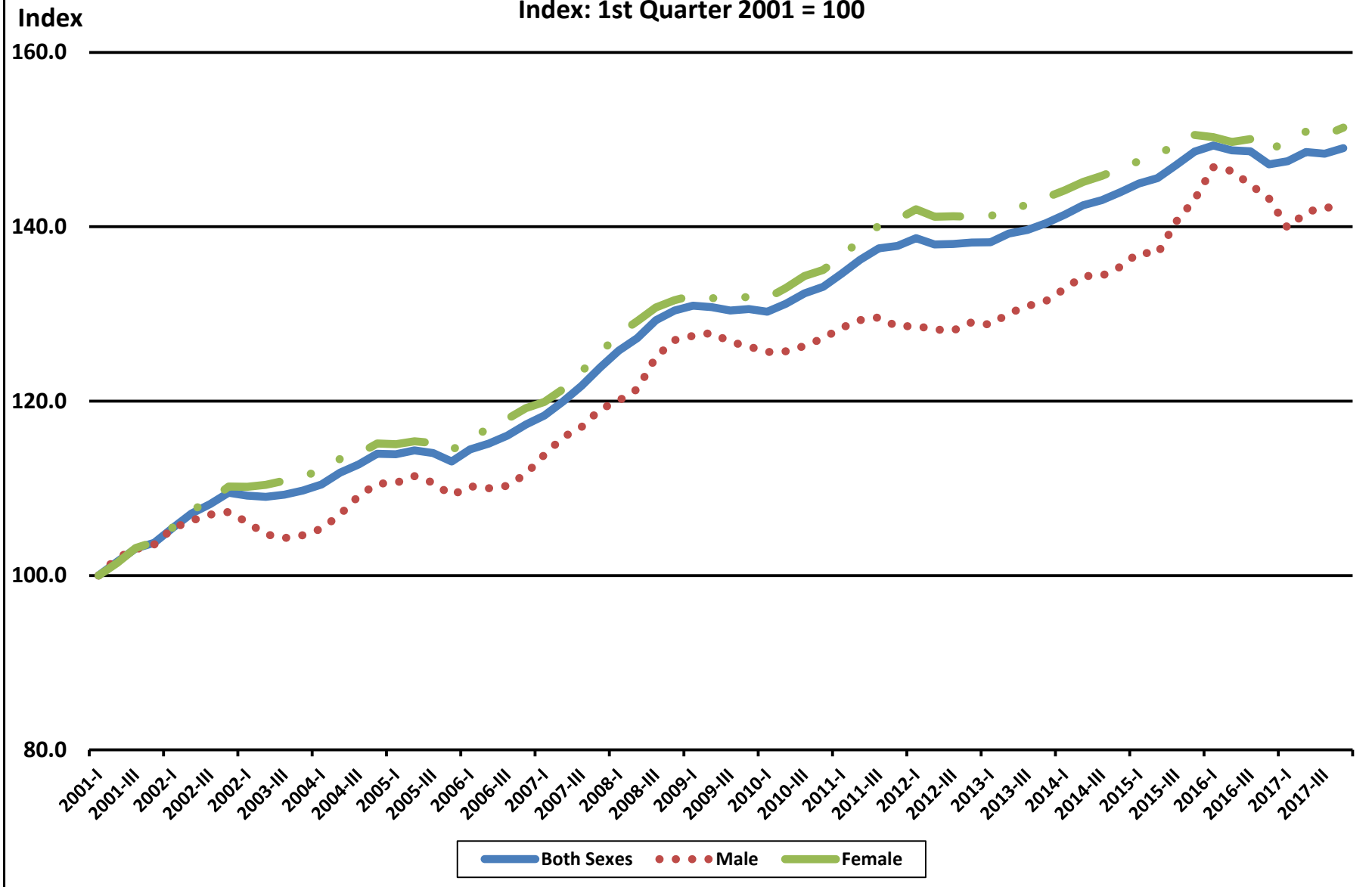
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 40f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 25 to 34 and Gender**

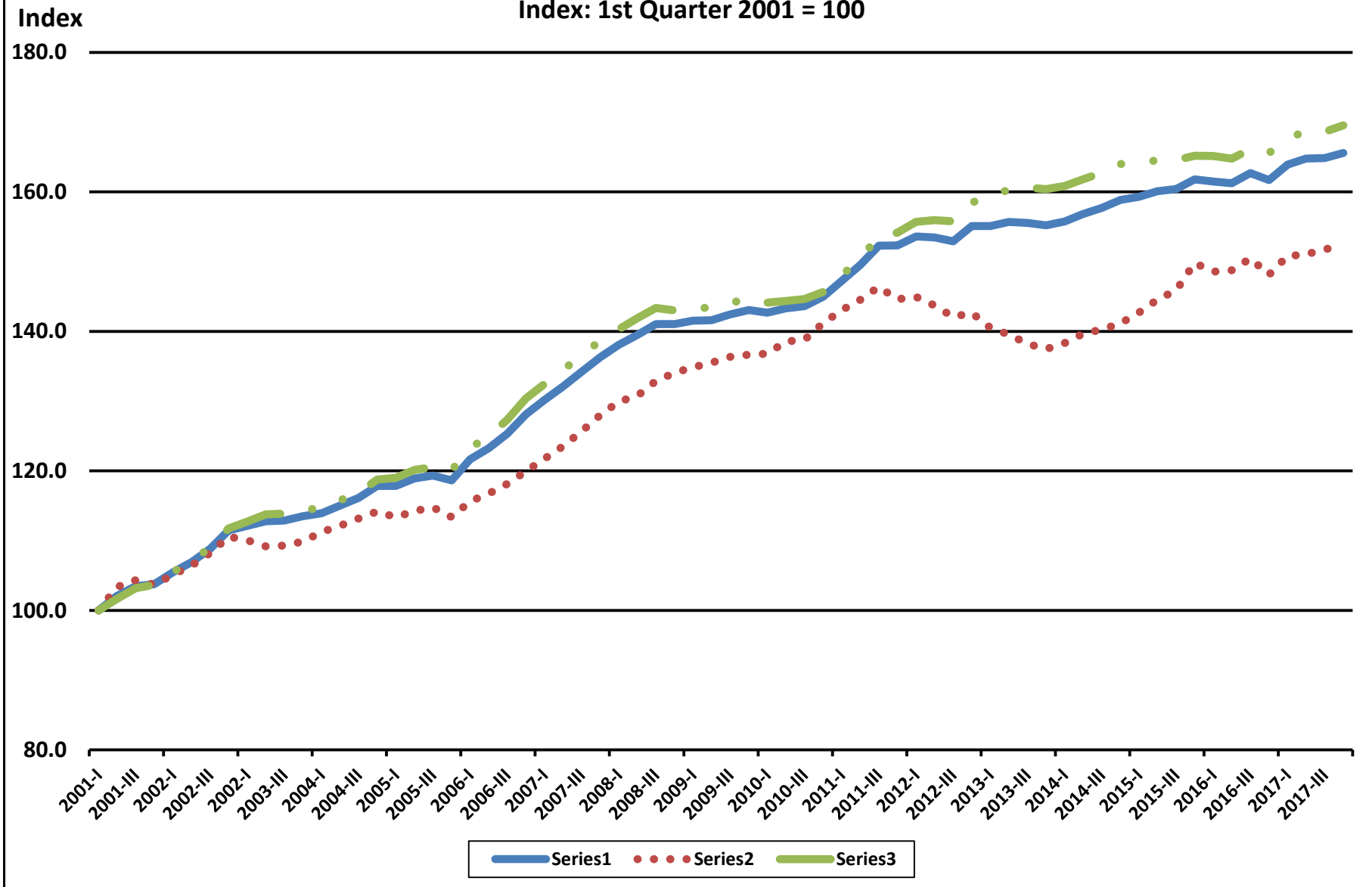
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 41f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 35 to 44 and Gender**

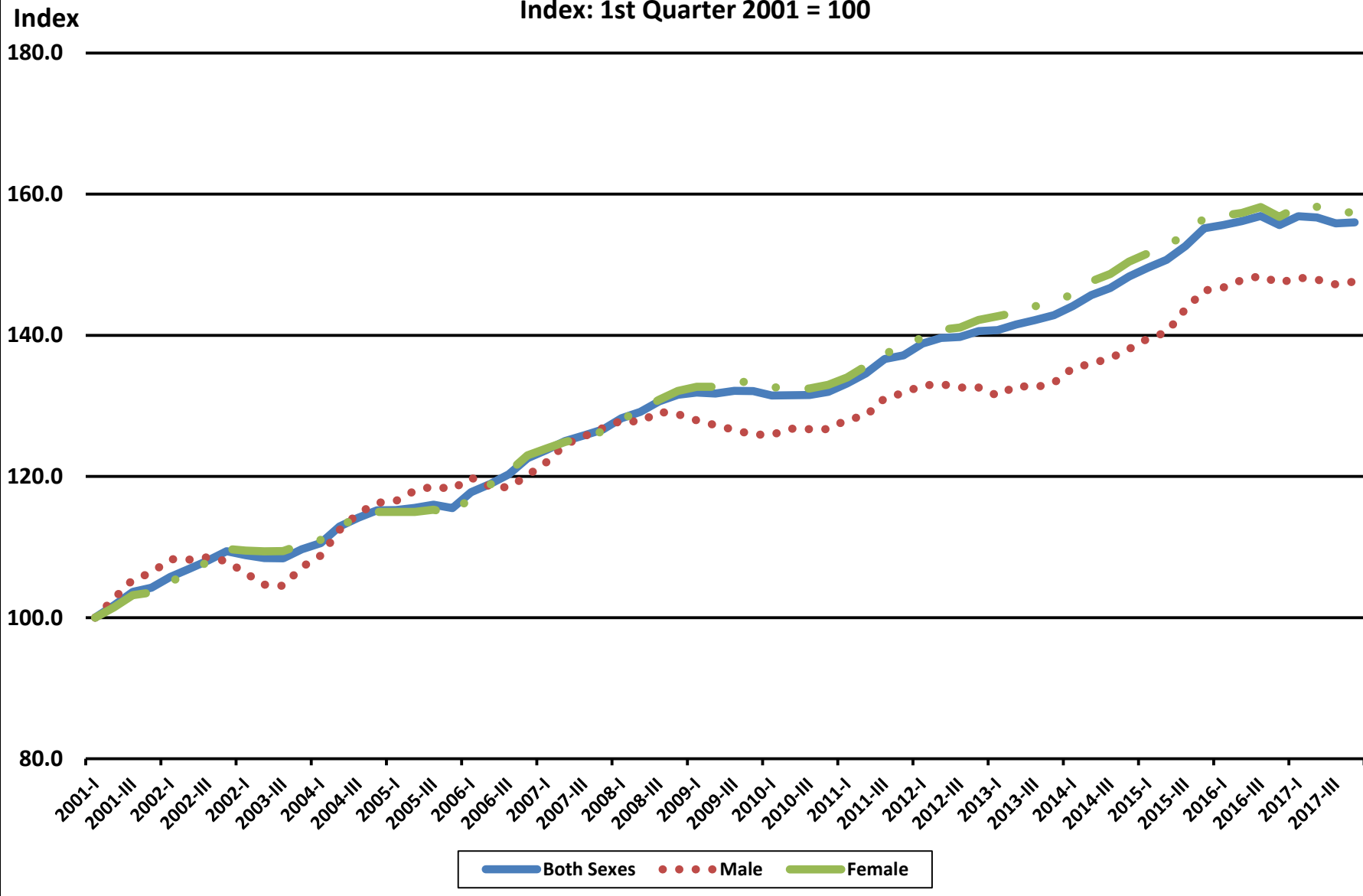
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

Chart 42f. Urban Oklahoma: Nursing and Residential Care Facilities, Four Quarter Moving Average Earnings by Ages 45 to 54 and Gender

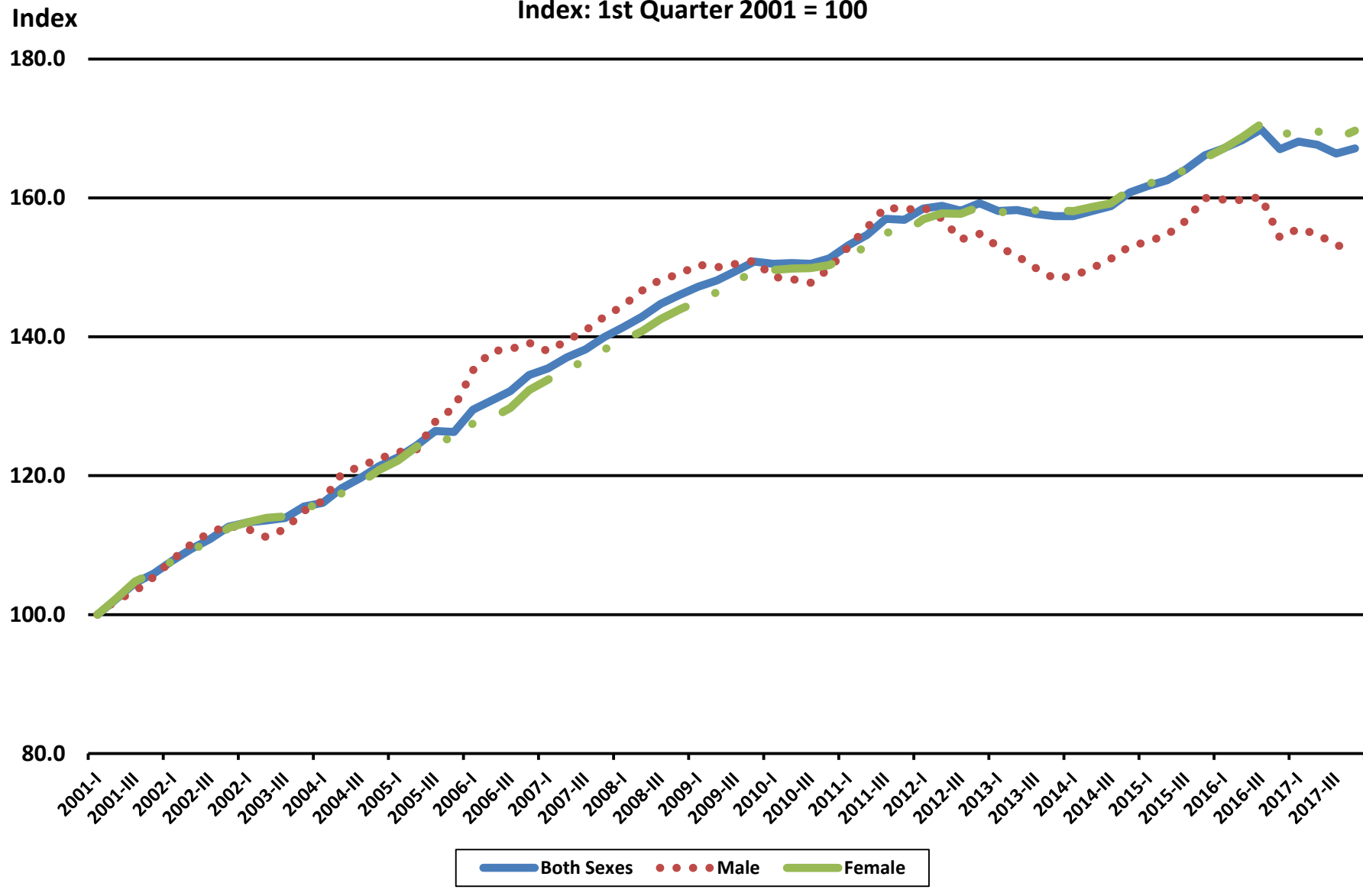
Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 43f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 55 to 64 and Gender**

Index: 1st Quarter 2001 = 100



Appendix H: Urban Oklahoma Earnings Charts by Industry Group, Age Group and Gender

**Chart 44f. Urban Oklahoma: Nursing and Residential Care Facilities,
Four Quarter Moving Average Earnings by Ages 65 to 99 and Gender**

Index: 1st Quarter 2001 = 100

