

# Regional Price Parities and Real Regional Income for the United States: 2008-2012

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In April 2014, the Bureau of Economic Analysis (BEA) published price-adjusted estimates of income in constant dollars, that is, real income, for states and metropolitan areas. These adjustments are based on Regional Price Parities (RPPs) that measure differences in price levels across regions, and on the national personal consumption expenditure (PCE) price index that measures price changes over time for the U.S. This paper describes the methodology used to estimate the regional price parities (RPPs) and the resulting real personal income series.<sup>1</sup>

### Introduction

The BEA, in a joint project with the BLS, first estimated regional price parities for 38 metropolitan and urban areas of the U.S. for 2003 and 2004 (*Aten 2005, 2006*). These areas, for which BLS produces the CPI, represent about 87% of the total population. The method was expanded to cover the remaining nonmetropolitan portions of each state. Estimates for 2005 and 2006 were reported in the Survey of Current Business in November 2008 (*Aten 2008, and Aten & D'Souza 2008*). More recent estimates incorporate the multi-year American Community Survey (ACS) from the Census Bureau that includes rent prices for all counties in the U.S. (*Aten, Figueroa and Martin 2011, 2012, 2013; Aten and Figueroa 2014*).

This paper is divided into three main sections. The first two describe the RPP data and methodology and the third section discusses how the RPPs are used to estimate real personal income. The conclusion includes a summary of the results and directions for future research.

The RPPs are constructed in two stages. The first stage uses price and expenditure inputs collected for the Bureau of Labor Statistics (BLS) Consumer Price Index (CPI) program and the BLS Consumer Expenditure Survey (CE). CPI price data are available for 38 urban areas, while CPI expenditure weights, derived from CE survey data<sup>2</sup>, are available for the 38 urban areas plus four additional rural regions. In this stage, price levels are estimated for CPI areas.<sup>3</sup>

<sup>&</sup>lt;sup>1</sup> RPPs are calculated for the 50 states and the District of Columbia, state metropolitan and nonmetropolitan portions, and metropolitan areas. Estimates for metropolitan areas include an estimate for the nonmetropolitan portion of the United States to provide complete coverage of all U.S. counties.

<sup>2</sup> For more information on the derivation of CPI expenditure weights, known as cost weights, see the "Consumer"

For more information on the derivation of CPI expenditure weights, known as cost weights, see the "Consumer Price Index," in the *BLS Handbook of Methods*, chapter 17 at www.bls.gov.

<sup>&</sup>lt;sup>3</sup> The 38 CPI sampling areas are designed to represent the U.S. urban and metropolitan population. Of the 38 areas, 31 represent large metropolitan areas, 4 represent small metropolitan regions, and 3 represent urban nonmetropolitan regions. For more information on these BLS-defined areas, see www.bls.gov/cpi. A list of the counties sampled in each area can be found in Aten (2005). The regional price parities presented in this report were produced by BEA using Bureau of Labor Statistics (BLS) Consumer Price Index microdata. These estimates do not reflect official estimates of the U.S. Bureau of Labor Statistics.

In the second stage, the price levels and expenditure weights are allocated from CPI areas to all counties in the United States<sup>4</sup>. They are then recombined for regions, such as states and metropolitan areas, together with data on rents from the Census Bureau's American Community Survey (ACS). The ACS provides a broader geographic coverage than the CPI areas, including county-level data, thus allowing us to augment the CPI price levels with observed housing observations. The final RPPs are estimated for states on an annual basis and for metropolitan areas on a rolling multiyear basis.

The following sections describe in more detail the use of the price levels and expenditure data from the CPI and the housing data from the ACS, how their geographies are reconciled, and how the overall indexes are computed.

## Section I. Price levels for CPI areas

CPI price data cover a wide array of consumer goods and services, ranging from high-expenditure goods, such as new automobiles, to low-expenditure services, such as haircuts. Over a million price quotes are collected each year and are classified into more than 200 item strata, each consisting of detailed entry level items (ELIs). The item strata can be combined into nine expenditure groups: apparel, education, food, housing, medical, recreation, rents, transportation and other goods and services.<sup>5</sup>

Because the CPI was not designed to measure geographic price level differences, items with identical characteristics are not always priced in all sampling areas. Therefore, for the ELIs in the 75 highest item strata (accounting for roughly 85 percent of expenditure weights), we estimate hedonic regressions which take into account the variation in the characteristics of the sampled items.<sup>6</sup>

For the "carbonated drinks" ELI, for example, we use a hedonic price model to adjust for the brand and manufacturer, the variety of the beverage (cola, club soda, tonic water, energy drink, or other), the individual container and unit size (number of ounces, and if it is a 6-pack or 12-pack, or other), and the type of outlet where it was purchased (such as a large retailer, a gas station, or convenience store, or other business). An example of an item-specific hedonic regression may be found in Aten (2006).

After the ELI price levels are estimated, they are aggregated to yield item strata price levels using a weighted country product dummy (CPD-W) approach, with weights corresponding to the importance of the ELIs within the item strata. Both the ELI and the item strata price levels undergo an outlier checking process described in detail in Aten, Figueroa and Martin (2011). Briefly, it is modeled after

<sup>&</sup>lt;sup>4</sup> For a description of input data and methods used to estimate RPP expenditure weights, see Figueroa, Aten, Martin (2014).

<sup>&</sup>lt;sup>5</sup> See the "Consumer Price Index," in the *BLS Handbook of Methods*, chapter 17 at www.bls.gov.

<sup>&</sup>lt;sup>6</sup> The item strata price levels for the remaining ELIs are estimated using a shortcut approach described in Aten (2006).

<sup>&</sup>lt;sup>7</sup> The CPD-W is the weighted geometric mean when there are no missing observations. For a complete description, see Rao (2005).

the Quaranta tables. We flag observations that are i) either very large or small relative to the mean in that area and ELI; ii) that are either large or small relative to the variance of the ELI observations; or iii) are large or small once they have been adjusted for the relative price level of the area. It is an iterative process that looks at the raw price data as well as the prices after the hedonic adjustment.

Lastly, the item strata price and expenditure levels in each of the 38 areas are aggregated to 16 expenditure classes using the Geary multilateral index (see Balk 2012). One of the advantages of the Geary index is that it is additive at various levels of aggregation. Previous research on the RPPs (Aten and Marshall 2010) has shown that other methods such as the EKS-Törnqvist and Fisher indexes, the CPD-W approach, and a GAIA index, tend not to deviate greatly from the Geary.

The Geary multilateral price level index,  $P_{Geary}$ , is given by:

$$P^{C}_{Geary} = \frac{\sum_{n=1}^{N} (pq)_{n}^{C}}{\sum_{n=1}^{N} \pi_{n} q_{n}^{C}}$$

$$\pi_n = \sum_{C=1}^M \frac{(pq)_n^C}{P_{Geary}^C \sum_{d=1}^M q_n^d}$$

Where: p is the relative price of the item stratum or expenditure class  $\pi$  is the national average price of the item stratum or expenditure class q is the notional quantity equal to (pq)/p c and d are regions, which take a value of 1 through M n is the item stratum or expenditure class, which takes a value of 1 through N

# Stage II. Regional Price Parities for States and Metropolitan Areas

The second stage begins with the allocation of price levels and expenditure weights from CPI areas to counties. Price levels for each county are assumed to be those of the CPI sampling area in which the county is located. For example, counties in Pennsylvania are assigned price levels from either the Philadelphia or Pittsburgh areas or from the Northeast small metropolitan area. Rural counties are not included in any of the 38 urban areas for which stage one price levels are estimated, therefore these counties are assigned price levels of the urban area that (1) is located in the same region and (2) has the lowest population threshold.<sup>11</sup>

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The process is modeled after the Quaranta method used by the Organisation for Economic Co-operations and Development, Eurostat, and the International Comparison Program of the World Bank (www.worldbank.org).
 The 16 expenditure classes are derived from the 9 groups subdivided into goods and services: apparel has only

goods, rents has only services, and the other seven groups have both goods and services.

The Geary formula is solved simultaneously for the area RPPs and the expenditure class price levels (notation and formulas follow Deaton and Heston 2010).

<sup>&</sup>lt;sup>11</sup> Price levels in rural counties in the South, Midwest and West regions are assumed to be the same as those in the BLS urban, nonmetropolitan area for the region. BLS has no urban, nonmetropolitan area for the Northeast so rural counties are assumed to have the same price levels as those in the BLS-defined small, metropolitan area for the Northeast.

Expenditure weights in the second stage include CPI data for rural regions and thus in combination with the 38 urban areas, cover all U.S. counties. Weights are allocated from each CPI area and rural region to the component counties in proportion to household income<sup>12</sup>.

The county-level results then undergo two adjustments. First, rent weights are replaced with estimates derived from the 5-year ACS file. These are directly observed rent expenditures plus imputed owner-equivalent rent expenditures. The imputed owner-equivalent rent expenditures are estimated as follows.

- 1. The ratio of monthly tenants' rents to owner-equivalent rents in the BLS CPI housing file is estimated for several types of housing units, from studio apartments to detached houses with three or more bedrooms. This is done by taking the weighted geometric means of all the observations in the BLS CPI;
- 2. This ratio is applied to the observed unit rents in the ACS, resulting in an estimated monthly owner-equivalent rent value;<sup>13</sup> 14
- The estimated owner-equivalent rent value is multiplied by twelve and by the number of owner-occupied housing units in order to obtain an annual estimate of owner-occupied housing expenditures.

Note that the ratio of tenants' rents to owner-equivalent rents is across all 38 BLS areas, that is, there is only one vector of ratios, corresponding to each housing type. The same ratio is applied to different geographies in the ACS file, with only the distribution of rents and number of units varying across geographies. Total expenditures by tenants and owners is simply the sum of the observed annual rent expenditures and the estimated owner-occupied expenditures from step 3 above.

The second adjustment to the county level weights derived from the CPI data is to control the national shares of the 16 expenditure classes to BEA's personal consumption expenditure shares. This yields weights consistent with BEA's national accounts. The adjustment shifts the distribution of weights across expenditure classes, notably reducing the share of rents expenditures from total consumption in the United States from 29.7 percent to 20.6 percent (Chart 1).

<sup>&</sup>lt;sup>12</sup> The allocation uses county-level ACS Money Income for 2008–2012. Census money income is defined as income received on a regular basis (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, social security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of noncash benefits. For more information, see www.census.gov. In past papers, population was used to distribute the weights; for a comparison, see Figueroa, Aten, and Martin (2014).

<sup>&</sup>lt;sup>13</sup> Unit rents are the sum of rent expenditures divided by the number of units of each housing type for each area. <sup>14</sup> In earlier work (Aten 2005, 2006), we imputed BLS owner-equivalent rent price levels to other geographies. Here, we only use the BLS data to obtain owner-equivalent rent expenditures; we do not impute owner-equivalent rent price levels.

<sup>&</sup>lt;sup>15</sup> For more information on how the RPP program estimates expenditures on owner-occupied rents, see Figueroa, Aten, and Martin (2014).

<sup>&</sup>lt;sup>16</sup> The adjustment is based on BLS research on providing PCE-valued weights for CPI item strata (Blair 2012).

Relative Importance (%) 2012 **PCE-based weights CE-based weights** 29.7 20.6 Rents 9.4 Food 7.3 10.2 12.1 Transportation 6.4 9.3 5.4 Housing Recreation Education Other **3.8** 3.1 3.6 Apparel 5.6 4.9 Medical 30 10 30 20 10 ■ Services ■ Goods

Chart 1. Relative Expenditure Weights: CE and PCE-based

Once the county price levels and expenditure weights have been obtained for each class and for each year as outlined above, we take the weighted geometric mean of the price levels for states, state metropolitan and nonmetropolitan portions, and metropolitan areas. This weighted geometric mean is a 5-year average for goods and services other than rents.

Rent price levels are treated differently. They are estimated directly from tenant rent observations in the ACS: annually for states, and across 3 years for metropolitan areas. No imputation of owner-occupied rents is used in the price levels. The rent price level estimates are quality-adjusted

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<sup>&</sup>lt;sup>17</sup> In Aten and D'Souza (2008), the imputation for county-level owner-occupied rent levels used owner's monthly housing cost data from the 5-year ACS housing file, together with the annual CPI Housing Survey from BLS. In more current work (Aten, Figueroa, and Martin 2011, 2012), only observed rent price levels from the ACS were used, making no imputations for the owner-occupied rent levels. The monthly housing costs in the ACS include mortgage payments, but do not specify the term or interest rate of the loan. The coverage and distribution of the reported payments was highly variable, and using that information has been postponed until more data or further research is completed.

using a hedonic model that controls for basic unit characteristics such as the type of structure, the number of bedrooms and total rooms, when the structure was built, whether it resides in an urban or rural location, and if utilities are included in the monthly rent. Additional research comparing rent estimates using the ACS and CPI Housing surveys is available in Martin, Aten, and Figueroa (2011).

The second and final aggregation is annual for states and over three years for metropolitan areas. <sup>19</sup> It is similar to the first stage in that we use the Geary multilateral index, but this time we aggregate up to a single all items price level index from the 16 expenditure classes, and over multiple geographies.

# Section III. Using RPPs to estimate real personal income

An important application of the RPPs is to control for price level differences across regions when measuring economic activity such as income levels. The price level differences measured by the RPPs are specific to one point in time. At BEA, we make an additional adjustment to convert the regional current dollar values to constant values, resulting in price-adjusted regional incomes at chained dollars, which we call "real" personal income. <sup>20</sup>

Real personal income in chained (2008) dollars for a region is the current-dollar personal income divided by its RPP for a given year (equal to current dollar income in regional prices), divided by the U.S. PCE price index, which converts the current dollar value to 2008 chained dollars. <sup>21</sup> For the U.S., the nominal and real personal income totals will equal in other in 2008, while the regional nominal and real personal incomes will differ only by the RPP of each region.

The implicit regional price growth rate is the change in RPPs between two years times the change in the U.S. PCE price index (see Box titled "Implicit Price Growth Rates").

<sup>&</sup>lt;sup>18</sup> ACS data for 2012 did not incorporate a revision made by BEA to its MSA definitions (see Survey of Current Business, "Comprehensive Revision of Local Area Personal Income", December 2013, page 17.) Among other changes, the revision designated 23 new MSAs. ACS rents for these MSAs were estimated from ACS data for state metropolitan and nonmetropolitan portions.

<sup>&</sup>lt;sup>19</sup> When RPPs for metropolitan areas are initially released, they use ACS rents data from 3-year files which end in the target year. These RPPs are revised the following year when 3-year files centered on the target year become available. For example, 2012 data in this release use 2010-2012 3-year files. Next year's release of 2013 data will include revised 2012 RPPs using 2011-2013 3-year files.

<sup>&</sup>lt;sup>20</sup> Personal income is defined as the income received by all persons from all sources. It is the sum of net earnings by place of residence, property income, and personal current transfer receipts. This article uses personal income estimates released by BEA's Regional Income Division on November 21, 2013. For more information, see www.bea.gov/regional.

<sup>&</sup>lt;sup>21</sup> 2008 is the first year in our series. Subsequent RPP releases will use the same reference year as other BEA chained dollar statistics.

# **Implicit Price Growth Rates**

The RPP indexes express a region's average price relative to the U.S. average, that is,  $^{22}$  **RPP**<sub>i,t</sub> =  $(P_i/P_{US})_t$  where i is the region and t is the time period.

The implicit price growth or regional inflation may be calculated as:

 $(P_{i,t}/P_{i,t-1}) = (RPP_{i,t}/RPP_{i,t-1}) * (P_{US,t}/P_{US,t-1})$ , where the US price change is measured by the national PCE price index.

The real personal income statistics in this article use the national PCE price index to measure U.S. price change over time and RPPs to capture the change in price level differences across regions.

### Section IV. Selected Results and Conclusions

<u>Appendix Tables 1-4</u> at the end of the paper are constrained to the most recent years for which we have estimates, 2011 and 2012, and to states<sup>23</sup> and metropolitan areas. Additional geographies (non-metro and metro portions of states) and additional years (2008-2010) are available.<sup>24</sup>

#### 1) States

#### a) Total Personal Income

**Appendix Table 1** shows the overall impact of applying RPPs to current dollar nominal incomes for states. It includes the resulting implicit price growth when we use the U.S. PCE price index to convert current values into constant chain dollars. The first three columns of Table 1 are the nominal personal incomes for 2011 and 2012 in millions of current dollars, and the percent change. The middle columns are the real incomes in constant 2008 dollars, together with the real percent growth for each state. The last column is the implicit regional price growth. The U.S. price index rose 1.8% between 2011 and 2012, while total personal incomes grew by 2.3% in real terms and 4.2% in nominal terms for the United States.

Regional price growth ranged from 0.7% in Nevada to 3.2% in North Dakota and 3.6% in South Dakota, while real personal income growth ranged from -1.2% in South Dakota to 15.1% in North Dakota. If we exclude the Dakotas, Maine had the lowest real income growth (0.3%) and Indiana and Montana the highest (3.7%).

The relationship between real income growth and price growth can be seen in <u>Chart 2</u>, where real personal income growth is plotted on the vertical axis and the implicit price growth is on the horizontal axis. There is a downward trend, as higher price growth is correlated with lower real

<sup>&</sup>lt;sup>22</sup> The Geary RPP indexes are multilateral indexes that compare area prices with national prices. National prices are defined as quantity-weighted averages of the local area prices of each good. The national prices and the RPPs are solved for simultaneously (see the section "Data and Methodology").

<sup>&</sup>lt;sup>23</sup> 50 states and the District of Columbia (hereafter referred to as "states")

<sup>&</sup>lt;sup>24</sup> www.bea.gov/regional under Data: Real Personal Income & RPPs.

personal income growth. The axes are centered on the average U.S. price growth of 1.8% and real income growth of 2.3%.

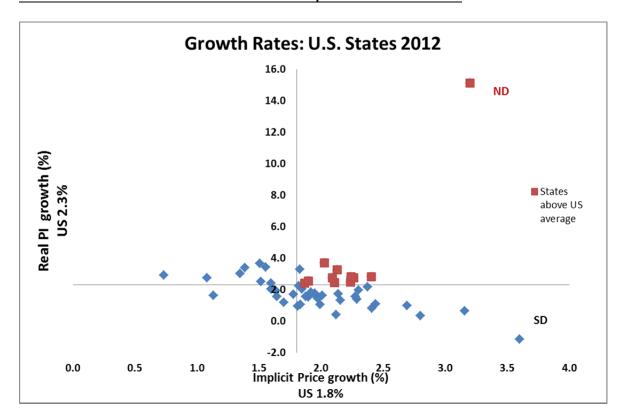


Chart 2. State Total Real Personal Income and Implicit Price Growth 2012

The states on the upper right quadrant of Chart 2, shown as red squares, are ones with both above average price growth and income growth. These are states where nominal growth was extremely high, such as North Dakota with a nominal growth of 18.7%, an implicit price growth of 3.2% and a real growth of 15.1%. Other states in red, which also have above average real income growth and relatively high implicit price growth rates are Arkansas, Colorado, Delaware, Montana, North Carolina, Oklahoma, Oregon, Tennessee, Texas, and Washington. Conversely, states with below average price growth and real income growth are Arizona, Ohio, New Mexico, Missouri and Rhode Island, shown on the lower left quadrant.

North and South Dakota are special cases in that the former has seen exceptional income growth and the latter has the highest implicit price growth of all states, 3.6%, while at the same time recording a below average increase in nominal incomes (2.4% compared with the U.S. average of 4.2%). South Dakota thus is the only state with a decline in real personal income totals (-1.2%).

The price level of rents in the Dakotas, relative to the U.S. average, has gone up between 2011 and 2012, even though their overall RPP has remained below 100. This is part because other goods and services are still much cheaper than in most other states, and the relative importance of rents in the consumption budget is also low, around 15%. In contrast, New York and D.C.'s rent weight is over

20%. Rent RPPs have a large impact on the all items results because their expenditure weights are larger than for any other class (see *Chart 1*).

## b) Regional Price Parities: States

Appendix Table 2 shows the overall or All Items RPPs for 2012 for each state, broken down further into three groupings: Goods, Rents, and Services other than Rents. The highest RPP was for the District of Columbia (118.2), followed by Hawaii (117.2) and New York (115.4). Mississippi at 86.4 was the lowest. The range between highest and lowest RPP in 2012 is 31.8. Rents RPPs have a wider range: 96.9, from a low of 62.1, again in Mississippi, to 159.0 in Hawaii, while Goods has the smallest range, from 92.8 in Missouri to 108.1 in New York. Services exclude Rents, but have a slightly higher range than the Goods RPPs, from 90.5, also in Missouri, to 115.5 in New Jersey.

Recall that Goods and Services other than Rents are five-year averages of CPI price levels. Thus year to year differences during this five-year period (2008-2012), will only reflect shifts in the expenditure weights, and not actual price level differences of goods and services other than Rents.<sup>25</sup>

<u>Table A</u> below summarizes the RPPs by dividing the 50 states and the District of Columbia, into thirds based on a ranking of their all items RPPs. Each tercile contains 17 states, and the RPPs are the unweighted geometric means of their 2012 RPPs.

Table A. Summary of State RPPs

	RPPs*											
Tercile	All Items	Goods	Rents	Other Services	Ratio of Goods/ Other Services:							
1 – Top	107.4	102.3	122.9	105.1	0.97							
2 – Middle	95.9	98.2	89.5	96.8	1.01							
3 – Bottom	89.3	95.2	71.6	92.3	1.03							
<b>United States</b>	100.0	99.4	101.2	100.0	0.99							

<sup>\*</sup>RPPs are the unweighted geometric means of the states in each tercile

The first row of <u>Table A</u> shows the breakdown of the mean RPPs for the top 17 states, and these are all above 100, with mean Rents RPPs reaching 122.9, much higher than the All Items RPP of 107.4. This is not true of the second and third rows, showing the middle and bottom terciles, where the Rents RPPs are lower than the All Items RPPs. If we look at the ratio of the Goods RPPs to Other Services RPPs, it is less than one for the top tercile and above one for the other two groups, a pattern that is also found in the international price comparisons literature: the price level of services tends to

<sup>2</sup> 

<sup>&</sup>lt;sup>25</sup> The main reason for using five-year averages of CPI price levels is for consistency and robustness of the estimates. In some cases, the number of observations for which we can obtain overlap across characteristics and item definition is small. Pooling the data was found to be an effective way to control for sparseness in the geographic coverage for the purposes of the RPPs (see Aten and Marshall 2010).

move in the same direction as that of rents, whereas goods will generally become relatively less expensive as the overall price level increases.

# c) Per capita personal income: States

<u>Appendix Table 3</u> shows the nominal and real per capita personal incomes and growth rates for states. The pattern mimics the total personal incomes tables (<u>Table 1</u>) in that the range for real incomes decreases and North Dakota is an outlier in both cases, with nominal per capita income growth of 16.2% and real per capita income growth of 12.7%. South Dakota drops from 1.2% to -2.3% in real terms, while the District of Columbia drops from 0.4% in nominal per capita terms to -1.7% in real terms. The District saw one of the largest population increases in 2012, so that in spite of a small positive growth in total real personal income, the per capita numbers show a decline in real income.

<u>Table B</u> highlights the highest and lowest per capita personal income states in 2011 and 2012. The range in nominal per capita incomes for states is \$41,116, between DC and Mississippi, and for real per capita incomes it is \$25,179 in 2008 dollars, between D.C. (\$59,759) and Utah (\$34,580).

Table B. Highest and Lowest per capita Personal Income: States 2012

				Real Pe	r Capita Pei	rsonal	
	Per Capita	a Personal	Income		Income		RPP
		Dollars		Chaine	d (2008) do	ollars	
	2011	2012	Percent	2011	2012	Percent	2012
	2011	2012	growth	2011	2012	growth	2012
Highest Per Capita							
Personal Income							
District of Columbia	74,480	74,773	0.4	60,787	59,759	-1.7	118.2
Connecticut	57,758	59,687	3.3	50,877	51,559	1.3	109.4
Massachusetts	54,218	55,976	3.2	48,320	49,354	2.1	107.2
New Jersey	53,333	54,987	3.1	45,021	45,552	1.2	114.1
North Dakota	47,218	54,871	16.2	50,923	57,367	12.7	90.4
Lowest Per Capita							
Personal Income							
Utah	34,173	35,430	3.7	33,963	34,580	1.8	96.8
West Virginia	33,822	35,082	3.7	36,784	37,425	1.7	88.6
South Carolina	34,183	35,056	2.6	36,291	36,507	0.6	90.7
Idaho	33,436	34,481	3.1	34,485	34,818	1.0	93.6
Mississippi	32,193	33,657	4.5	35,690	36,803	3.1	86.4
United States	42,298	43,735	3.4	40,663	41,282	1.5	100.0

<u>Chart 3</u> shows the relationship between the RPPs and per capita personal incomes for 2012. The RPPs are plotted on the vertical axis against the nominal and real per capita personal incomes. The RPPs are in natural logs to more easily interpret the regression coefficients on the trend lines (the

U.S. with an RPP = 100 is also plotted on the horizontal axis) $^{26}$ . For nominal incomes, a dollar increase in per capita incomes is associated with a 0.8% change in the RPPs, while for real incomes, the effect is smaller (0.4%) but still positive.

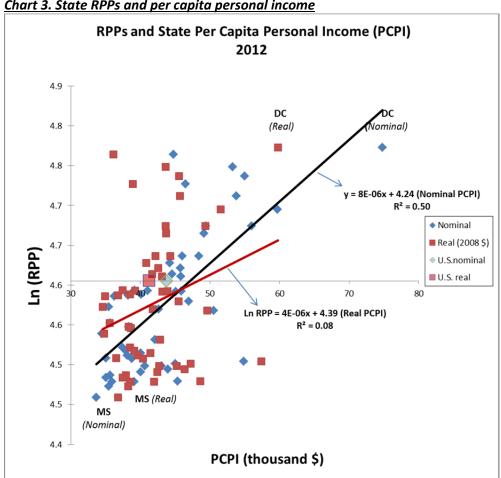


Chart 3. State RPPs and per capita personal income

# 2) Metropolitan Statistical Areas (MSAs)

## a) Total Personal Income and RPPs

Appendix Table 4 lists all the metropolitan statistical areas (MSAs) and the non-metropolitan portion of the U.S.. Similar to Appendix Table 1, it shows the nominal personal income totals in millions of dollars in the first columns, the real personal income totals in chained 2008 dollars in the next columns, the implicit price growth rates and the RPPs. The range of price growth is larger than across

<sup>&</sup>lt;sup>26</sup> The leftward shift along the horizontal axis is equal to the difference between U.S. nominal (\$43,735) and real (\$41,282) per capita totals for 2012, and reflects the 5.9% increase in the U.S. PCE price index between 2012 and 2008.

states, from -3.6% in Danville, IL, to 5.9% in State College, PA. However, the range of real income growth is less, from -3.8% in Kennewick-Richland, WA, to 10.2% in Odessa, TX. Chart 4, like Chart 2, shows the relationship between the two growth rates, with personal income on the vertical and price growth on the horizontal axis.

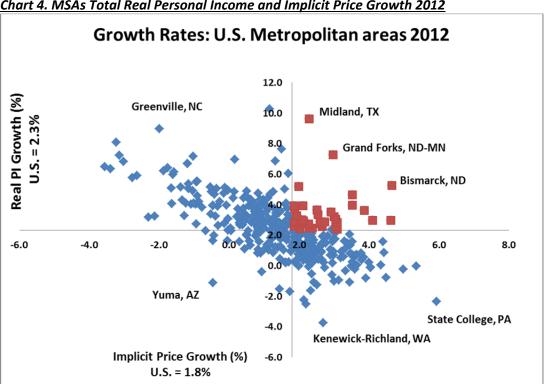


Chart 4. MSAs Total Real Personal Income and Implicit Price Growth 2012

As expected, metro areas in North Dakota such as Bismarck, Grand Forks and Fargo have both high income growth and high price growth, while Yuma, AZ shows a decline in prices (-0.5%) and a decrease in its real personal income growth (-1.1%). The MSAs in the upper right hand quadrant, shown in red, have above U.S. average income and price growth.

The range of RPPs across MSAs is also higher than across states (43.5 versus 31.8), with Urban Honolulu, HI (122.9), New York-Newark-Jersey City, NY-NJ-PA (122.2) and San Jose-Sunnyvale-Santa Clara, CA (122.0) leading at the top, and Danville, IL (79.4), Jefferson City, MO (80.8) and Jackson, TN (81.5) at the lower end of the RPPs. The non-metropolitan portion of the U.S. has an RPP of 87.9.

<u>Table C</u> is a summary of the MSA RPPs, divided into quintiles, with about 74 MSAs in each group - there are a total of 366 MSAs, plus the non-metro portion of the United States.

**Table C. Summary of MSA RPPs** 

rable C. Sammary C		I	RPPs*		
Quintile	All Items	Goods	Rents	Other Services	Ratio of Goods/ Other Services:
1 – Top	106.2	101.2	122.0	103.4	0.98
2 – Upper Middle	96.4	97.9	93.0	96.7	1.01
3 – Middle	93.2	97.2	82.1	95.0	1.02
4 – Lower Middle	90.8	96.9	74.4	94.0	1.03
5 – Bottom	86.5	95.4	64.1	92.6	1.03
United States	100.0	99.4	101.2	100.0	0.99

Similar to the state-level results, the Rents RPP is higher than the All Items RPP for the top quintile (122.0 versus 106.2), but lower for the other quintiles. The ratio of the Goods RPP to the Other Services RPP is less than one for the top group but increases systematically to 1.03 for the bottom quintile as it did for the state terciles. That is, the price level of Goods tends to be higher than that of other services, and of rents, as the All Items RPPs decrease.

#### b) Per capita personal income: MSAs

<u>Appendix Table 5</u> lists the nominal and real per capita personal incomes and growth rates for the MSAs. The income growth ranges from a high of 9.5% in nominal values for Grand Forks, ND-MN and 7.9% in real terms for Pine Bluff, AR, to a low of -2.8% and -5.4% in Kennewick-Richland, WA in nominal and real terms respectively.

<u>Table D</u> shows the five highest and lowest per capita income MSAs. The range is higher than for states: \$60,649 in nominal terms and \$55,495 in 2008 dollars, with Midland TX at \$80,504 and McAllen-Edinburg-Mission, TX at \$25,008. These two metropolitan areas in Texas also mark the extremes in nominal per capita income levels.

Table D. Highest and lowest per capita personal income for MSAs, 2012

Table D. Highest and lowe							_
	Per C	apita Per	sonai	Real Pe	r Capita P	ersonai	
		Income			Income		RPP
		Dollars	ı	Chaine	d (2008)		
	2011	2012	Percent	2011	2012	Percent	2012
			growth			growth	
Highest Per Capita Personal							
Income							
Midland, TX	77,495	83,049	7.2	76,841	80,504	4.8	97.9
Bridgeport-Stamford-Norwalk,							
СТ	79,099	81,068	2.5	62,559	63,336	1.2	121.5
San Francisco-Oakland-							
Hayward, CA	62,954	66,591	5.8	51,279	52,105	1.6	121.3
San Jose-Sunnyvale-Santa							
Clara, CA	61,831	65,679	6.2	50,322	51,095	1.5	122.0
Washington-Arlington-							
Alexandria, DC-VA-MD-WV	60,834	61,743	1.5	49,804	48,645	-2.3	120.4
Lowest Per Capita Personal							
Income							
Lake Havasu City-Kingman, AZ	26,524	27,220	2.6	27,170	27,546	1.4	93.8
Yuma, AZ	27,385	26,995	-1.4	27,712	27,447	-1.0	93.3
Laredo, TX	25,612	26,120	2.0	26,949	27,871	3.4	88.9
Brownsville-Harlingen, TX	23,405	23,909	2.2	25,814	26,661	3.3	85.1
McAllen-Edinburg-Mission, TX	22,127	22,400	1.2	24,399	25,008	2.5	85.0
United States nonmetropolitan							
portion	34,018	35,324	3.8	36,911	38,125	3.3	87.9
United States	42,298	43,735	3.4	40,663	41,282	1.5	100.0

In <u>Chart 5</u>, all the MSA RPPs (in logs) are plotted on the vertical axis against the nominal and real per capita personal incomes. For nominal incomes, a dollar increase in per capita incomes is associated with a 0.7% change in the RPPs, while for real incomes, the effect is smaller (0.3%) but still positive. Both slopes are slightly flatter than the ones for states.

Midland, TX and McAllen-Edinburg-Mission, TX are shown as the highest and lowest per capita income MSAs, while Honolulu, HI and Danville, IL have the highest and lowest RPPs.

RPPs and Per Capita Personal Income (PCPI) Metropolitan Areas, 2012 4.9 Urban Honolulu, HI (Nominal) (Real) 4.8 = 7E-06x + 4.29 (Nominal PCPI)  $R^2 = 0.3892$ 4.7 Ln (RPP) 4.6 20 65 8**७** ◆ Midland, TX (Real) (Nominal) y = 3E-06x + 4.43(Real PCPI)4.5  $R^2 = 0.0463$ Nominal \* Real (2008 \$) 4.4 U.S. Nominal (Real) (Real) Danville, IL McAllen-(Nominal) Edinburg-Mission, TX 4.3 PCPI (thousand \$)

Chart 5. MSA RPPs and per capita personal income

## **Future research**

The RPPs currently reflect differences in the price levels of consumer goods and services. They are constrained by the price data available from the CPI survey conducted by the BLS and by the rent data in the ACS from the Census Bureau. The CPI survey is designed for time-to-time comparisons, and the robustness of the RPPs would benefit from a place-to-place survey of the goods and services sampled by the CPI. This is particularly true for hard to measure items such as education, food and medical services, and in geographic areas that are sparsely populated and less well-represented in national survey samples. Augmenting the price observations, possibly by web-scraping and using third-party sources of information might also provide additional robustness checks on the consumptions data.

An important extension of this work is to explore the development of RPPs that reflect more than consumption goods and services, such as investment and government price differences. In international comparisons, the price level of consumption is often a good approximation for GDP price levels from the expenditure side. This is because the relative prices of investment and government change systematically in opposite directions when measured across per capita incomes. It is not clear whether this pattern would be found across states or metro areas within a country, but it seems worth examining. One approach to this would be to see if there is a geographic pattern in the prices of inputs and outputs related to construction, producers' durable equipment and government compensation.

A separate issue with respect to Rents is how to reconcile the Personal Consumption Expenditure (PCE) weights in the national accounts with the expenditure weights in the Consumer Expenditure (CE) survey. A partial concordance was done in by Blair in 2010, but it would be helpful to produce a full and updated mapping for use in the RPPs. Figueroa *et al* (2014) have compared the sensitivity of the RPPs to different relative weights, and because the national share of rents out of total expenditures is significantly lower in the PCE than in the CE, this has a significant impact on the RPPs.

Another important research area is the treatment of owner-occupied housing. There are no observed owner-occupied housing observations in the CPI, only imputed values derived from rental housing observations and adjustments for utility cost. These imputed values reflect the shelter flow-of-costs, a concept that has been extensively documented and explained elsewhere (Poole *et al* 2005, BLS 2011).

We have attempted to augment rental observations with the Census' ACS information on housing owner-costs, but the information of housing values is self-reported and extremely volatile. It is possible to obtain selected monthly owner costs that include mortgages and taxes and insurance, for example, but without knowing land prices, mortgage terms and rates, it is difficult to obtain house value estimates (Garner and Short 2009). Several online real estate companies do collect actual transaction values in many markets in the US, and if these values could be linked to broad geographies such as states and metropolitan areas, it might be possible to estimate actual owner-occupied housing price levels. At the very least, we would be able to track both the BLS and ACS rental price levels with owner-occupied housing estimates, and better understand and explain sources of differences.

Lastly, it is not clear whether prices in rural areas for items other than rents are higher or lower than in urban areas, but we currently assume they are the same. The expenditure weights vary, but the trade-off between for example, transport costs and rents, are not included in this analysis. Aten and Marshall (2010) looked at alternative estimates of RPPs using a demand-based model to allow for some substitution across expenditures goods, such as transportation and rents, but the theoretical gains in precision of such a model are offset by the need for broad assumptions about consumer behavior. More data on the prices of goods and services (other than rents) in rural or nonmetropolitan areas would add to the robustness of our current estimates.

# **Data Availability**

Real personal income data, regional price parities, and implicit regional price deflators are available through the BEA website. Data are available for 2008 to 2012 for states, state metropolitan and nonmetropolitan portions, and metropolitan areas at <a href="https://www.bea.gov">www.bea.gov</a>

To access the data, select the "Interactive Data" tab at the top of the homepage. At the next screen, select "GDP & Personal Income" under Regional Data. Data are available in two formats through these links:

- Begin using the data: interactive tables where users specify data type, region and time period.
- Download complete data sets: flat files accessed through State or Local Area Personal Income menus.

For further information about these data, email the Regional Prices Branch at <a href="mailto:rpp@bea.gov">rpp@bea.gov</a>

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Appendix Table 1. Real Personal Income and Implicit Regional Price Deflators by State, 2011 and 2012

Commonstration			rsonal Income illions of dollars			Personal Income chained (2008) de	ollars	Implicit Regional Price Deflators (2008=100)			
Alabama 167.787 173,236 3.2 184,281 185,792 0.8 91.0 93.2 2.44 Alaska 34,827 36,160 3.8 31,686 31,892 0.7 109.9 113.4 3.2 Arkinona 228,238 237,513 3.6 224,881 228,740 1.9 10.2 10.38, 31.8 Arkansas 100,005 104,508 4.5 109,913 112,726 2.6 91.0 92.7 1.9 Colifornia 1,683,204 1,768,039 5.0 1,430,212 1,479,356 3.4 117.7 119.5 1.6 Colirordia 226,032 227,461 5.1 214,906 220,778 2.7 10.5 2 107.6 2 Commettout 207,162 214,247 3.4 182,483 185,116 1.4 113.5 115.8 2.0 Commettout 207,162 114,247 3.4 182,483 185,116 1.4 113.5 115.8 2.0 District of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 122.5 125.1 2.1 Picrida 761,303 79,2255 4.1 739,169 75,737 2.5 103.0 104.6 1.5 Ceorgia 35,836 371,488 4.1 373,322 381,708 2.2 95.6 97.3 184,001 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0		2011	2012		2011	2012		2011	2012	Percent growth	
Aarska 34,827 36,160 3.8 31,686 31,892 0.7 109,9 113,4 3.2 Arizona 229,238 227,513 3.6 224,381 2128,740 19 102.2 103.8 1.6 Arizona 100,056 104,568 4.5 109,913 112,726 2.6 9.10 92,7 10.5 California 1,683,204 1,768,099 5.0 1,430,212 1,479,356 3.4 117,7 119,5 1.6 California 226,032 237,461 5.1 214,007 3.4 124,085 3.4 117,7 119,5 1.6 Calorado 226,032 237,461 5.1 214,007 3.4 124,081 1.4 113.5 115.8 115.8 10.6 Calorado 236,032 241,247 3.4 124,081 1.4 113.5 115.8 115.8 10.6 Calorado 240,032 241,247 3.4 124,081 1.4 113.5 115.8 115.8 10.6 Calorado 38,873 40,558 4.3 36,575 37,461 2.4 106.3 108.3 1.9 District of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 122.5 125.1 2.1 Florida 76,1303 792,255 4.1 739,169 757,737 2.5 103.0 10.4 5.1 Calorado 76,1303 792,255 4.1 373,169 757,737 2.5 103.0 10.4 5.1 Calorado 76,1303 792,255 4.1 373,169 757,737 2.5 103.0 10.4 5.1 Calorado 52,554 55,022 3.9 56,616 55,561 1.7 97.0 99.0 1.8 Lisaho 52,554 55,022 3.9 56,616 55,561 1.7 97.0 99.0 1.8 Litaho 52,554 55,022 3.9 56,616 55,561 1.7 97.0 99.0 4.0 54,1432 554,445 2.4 104.8 106.4 1.6 Lindiana 23,815 249,188 5.2 229,422 28,872 3.7 94.9 96.4 1.6 Lindiana 130,131 135,063 3.8 139,994 142,567 1.8 93.0 94.7 1.9 Kansas 10,0783 124,137 2.8 129,263 130,490 0.9 93.4 95.1 1.8 Kansas 10,0783 124,137 2.8 129,263 130,490 0.9 93.4 95.1 1.8 Kansas 10,0783 124,137 2.8 129,263 130,490 0.9 93.4 95.1 1.8 Maiyaland 306,001 316,682 3.5 248,189 166,085 1.3 99.0 94.7 1.9 Maiyaland 306,001 316,682 3.5 248,189 166,085 1.3 19.0 99.0 94.5 95.7 2.3 Maine 51,653 52,233 3.2 51,018 51,195 0.3 100,12 104.1 2.8 Maiyaland 306,001 316,682 3.5 244,882 288,983 1.7 115.7 117.8 11.8 Maiyaland 306,001 316,682 3.5 248,780 1.6 10.0,484 2.9 90.0 99.1 3.9 Maiyaland 306,001 316,682 3.5 248,780 1.5 1.9 3.3 19.0 99.9 94.4 1.0 Michigan 365,73 378,443 3.5 10.0 378,704 1.6 91.0 99.9 94.4 1.0 Michigan 365,73 378,443 3.5 1.7 98,901 1.9 10.1 12.2 113.4 1.1 New Hampshire 62,651 64,885 3.6 57,116 57,745 1.1 1.1 119.9 12.1 1.8 New Mairew 41,118 48,747 3.4 40,099 1.0 10,444 2.9 95.0 99.9 94.1 1.0 M	United States	13,179,561	13,729,063	4.2	12,670,133	12,958,961	2.3	104.0	105.9	1.8	
Artzona   229,238   237,513   3.6   224,381   228,740   1.9   10.2   103.8   1.6   Arkansas   100,005   104,508   4.5   109,913   112,726   2.6   91.0   92.7   1.9   Colorado   226,032   237,461   5.1   214,906   220,778   2.7   10.5   1.7   11.9   Colorado   226,032   237,461   5.1   214,906   220,778   2.7   10.5   1.7   11.9   Colorado   226,032   237,461   5.1   214,906   220,778   2.7   10.5   10.6   2.3   Connecticut   207,162   214,297   3.4   182,483   185,116   1.4   11.5   11.5   11.8   2.0   Delaware   38,873   40,558   3.3   65.75   37,461   2.4   10.6   10.8   3.0   District of Columbia   46,104   47,281   2.6   37,628   37,787   0.4   12.2   12.5   12.5   12.1   Florida   761,303   792,255   4.1   739,160   757,737   2.5   10.0   10.6   1.5   Georgia   356,836   371,488   4.1   373,328   381,708   2.2   95.6   97.3   Howaii   60,095   62,330   3.7   49,551   50,245   1.4   121.3   124.1   2.3   Hamaii   60,095   62,330   3.7   49,551   50,245   1.4   121.3   124.1   2.3   Hamaii   236,815   249,198   5.2   249,422   258,572   3.7   94.9   96.4   1.5   Howa   130,131   135,663   3.8   139,994   142,567   1.8   93.0   94.7   1.9   Kanasa   120,783   124,117   2.8   129,263   130,400   9.9   94.4   95.1   Kentucky   150,850   156,131   3.5   163,899   166,058   1.3   92.0   94.0   2.2   Louisiana   176,690   184,340   4.3   186,955   300,667   2.0   94.5   96.7   2.3   Mayland   306,001   316,682   3.5   264,482   268,936   1.7   115.7   117.8   1.8   Massachusetts   38,218   37,202   3.9   319,250   38,017   1.1   1.1   1.1   1.1   1.1   1.1   Michigan   365,733   378,443   3.5   378,443   3.5   378,744   3.6   4.9   9.7   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1	Alabama	167,787	173,236	3.2	184,281	185,792	0.8	91.0	93.2	2.4	
Arkansas   100,005   106,508   4.5   109,913   112,726   2.6   91.0   92.7   1.9   Culfornia   1,683,204   1,766,039   5.0   1,430,212   1,479,356   3.4   117,7   119.5   1.6   Colorado   226,032   237,461   5.1   224,006   220,778   2.7   10.5   1.6   Colorado   226,032   237,461   5.1   224,006   220,778   2.7   10.5   1.6   Colorado   38,873   40,538   4.3   36,575   37,461   2.4   106.3   108.3   1.9   Delavare   38,873   40,538   4.3   36,575   37,461   2.4   106.3   108.3   1.9   Delavare   761,303   792,255   4.1   739,169   757,737   2.5   103.0   104.6   1.5   Florida   761,303   792,255   4.1   739,169   757,737   2.5   103.0   104.6   1.5   Georgia   356,836   371,488   4.1   373,328   381,708   2.2   95.6   97.3   1.8   Hawaii   60,095   62,330   3.7   49,551   50,245   4.4   121.3   124.1   Hawaii   60,095   63,303   3.7   49,551   50,245   4.4   121.3   124.1   Hilmois   567,197   690,094   4.0   541,432   554,445   2.4   104.8   106.4   1.6   Hilmois   567,197   690,094   4.0   541,432   554,445   2.4   104.8   106.4   1.6   Holisma   130,131   135,663   3.8   139,994   142,567   1.8   93.0   94.7   1.9   Kanasa   120,783   124,137   2.8   129,263   130,490   0.9   93.4   95.1   1.8   Kantucky   150,850   156,131   3.5   163,899   166,058   1.3   92.0   94.0   Louisiana   176,690   184,340   4.3   186,955   190,667   2.0   94.5   96.7   2.3   Maine   51,653   53,283   3.2   51,018   51,195   0.3   101.2   104.1   2.8   Massachusetts   38,218   37,206   3.9   319,250   328,017   2.7   112.2   113.4   1.1   Minisupil   99,884   100,465   4.8   106,266   107,447   1.6   98.1   99.9   1.4   Missupil   99,884   100,465   4.8   106,266   107,447   1.2   91.0   1.9   1.2   1.4   Missupil   99,884   100,465   4.8   106,266   107,444   2.9   1.0   1.9   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1   1.1	Alaska	34,827	36,160	3.8	31,686	31,892	0.7	109.9	113.4	3.2	
California 1,683,204 1,768,039 5.0 1,430,212 1,479,356 3.4 117.7 119.5 1.0.6 Colorado 226,032 237,461 5.1 214,906 220,778 2.7 105.2 107.6 2.3 Colorado 226,032 237,461 5.1 214,906 220,778 2.7 105.2 107.6 2.3 Colorado 226,032 237,461 5.1 214,906 220,778 2.7 105.2 107.6 2.3 Colorado 226,032 237,461 3.4 132,483 185,116 1.4 113.5 115.8 135.8 135.8 10.0 Colorado 226,032 237,461 2.4 106.3 108.3 1.9 District of Columbia 46,04 47,281 2.6 37,628 37,787 0.4 122.5 125.1 2.1 Florida 76,303 3792,255 1.1 793,169 757,737 2.5 10.0 3.0 10.6 6. Gorgia 356,836 371,488 4.1 373,328 381,708 2.2 95.6 97.3 1.8 Hawaii 60,095 62,330 3.7 48,551 50,245 1.4 121.3 124.1 2.3 tisho 252,594 5.50,22 3.9 54,816 55,561 1.7 97.0 99.0 4.0 116.0 Colorado 25,594 5.50,22 3.9 54,816 55,561 1.7 97.0 99.0 4.0 116.0 Colorado 25,594 5.50,22 3.9 54,816 55,561 1.7 97.0 99.0 4.0 10.0 Colorado 21,001 11 313,063 3.8 139,929 1.12,257 1.8 93.0 94.7 1.5 Colorado 110.0 Colorado	Arizona	229,238	237,513	3.6	224,381	228,740	1.9	102.2	103.8	1.6	
Colorado 226,032 237,461 5.1 214,906 220,778 2.7 105.2 107.6 2.3 Connecticut 207,162 124,297 3.4 182,483 185,116 1.4 113.5 115.8 20.0 Delaware 38,873 40,558 4.3 36,575 37,741 2.4 106.3 106.3 103.3 1.9 District of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 122.5 125.1 2.1 Florida 76,1303 792,255 4.1 739,169 757,737 2.5 103.0 104.6 1.5 Florida 66,055 62,330 3.7 49,551 50,245 1.4 121.3 124.1 2.3 Hawaii 66,055 62,330 3.7 49,551 50,245 1.4 121.3 124.1 2.3 Hawaii 66,055 62,330 3.7 49,551 50,245 1.4 121.3 124.1 2.3 Hawaii 55,071.97 590,094 4.0 541,432 554,445 2.4 104.8 106.4 Indiana 236,615 249,198 5.2 249,422 255,572 3.7 94.9 96.4 1.5 Holdina 236,615 249,198 5.2 249,422 255,572 3.7 94.9 96.4 1.5 Holdina 120,783 124,137 2.8 129,263 130,400 0.9 93.4 95.1 Lausiana 120,833 124,137 2.8 129,263 130,400 0.9 93.4 95.1 Lausiana 176,690 184,340 4.3 186,595 190,667 2.0 94.5 96.7 2.3 Maine 51,653 35,283 3.2 51,018 51,195 0.3 101.1 15.7 117.8 18 Mayand 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 18 Mayanda 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 18 Mayanda 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 18 Mayanda 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 18 Mayanda 306,001 316,683 3.5 372,860 373,8704 1.6 99.1 99.9 1.9 91.9 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.9 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 99.1 99.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Arkansas	100,005	104,508	4.5	109,913	112,726	2.6	91.0	92.7	1.9	
Connecticut 207,162 214,297 3.4 182,483 185,116 1.4 113.5 115.8 2.0 Delaware 38,873 40,558 4.3 36,575 37,461 2.4 106.3 108.3 109. Strate of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 106.3 108.3 109. Strate of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 106.3 108.3 109. Strate of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 106.3 108.3 109. Strate of Columbia 46,104 47,281 2.6 37,628 37,787 0.4 106.3 108.3 109. Strate of Columbia 46,104 47,281 2.6 37,628 381,788 2.2 556.6 97.3 18. Strate of Columbia 50,954 55,022 3.9 54,616 55,661 1.7 97.0 99.0 2.1 16. Strate of Columbia 50,954 55,022 3.9 54,616 55,661 1.7 97.0 99.0 2.1 16. Strate of Columbia 23,6815 249,198 5.2 249,422 258,572 3.7 94.9 96.4 1.5 10wa 130,131 155,663 3.8 139,994 142,567 1.8 93.0 94.7 1.9 10wa 130,131 155,663 3.8 139,994 142,567 1.8 93.0 94.7 1.9 10wa 130,131 155,663 3.8 129,763 130,490 0.9 93.4 95.1 1.8 10. Strate of Columbia 176,690 138,4340 4.3 186,555 190,667 2.0 94.5 96.7 2.3 Maine 51,653 53,283 3.2 51,018 51,195 0.3 101.2 104.1 2.8 Maryland 306,001 316,682 3.5 264,482 268,936 1.7 115.2 104.1 2.8 Maryland 306,001 316,682 3.5 264,482 268,936 1.7 115.2 111.4 1.1 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 98.1 99.9 1.9 4. Minestata 38,818 372,026 3.9 319,250 326,017 2.7 112.2 113.4 1.1 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 98.1 99.9 1.9 4. Minestata 88,420 88,521 3.9 88,624 87,538 1.5 93.3 93.3 1.6 Mortana 36,630 88,533 5.8 37,49 4.8 6,224,8780 252,887 1.6 99.8 99.5 1.4 8. Minestata 88,420 88,521 3.9 88,624 87,538 1.5 93.3 95,4 2.3 Nevada 101,717 105,450 3.7 98,566 100,444 2.9 10.2 10.9 0.0 0.0 Nebrake 88,6420 88,521 3.9 88,624 87,538 1.5 93.3 95,4 2.3 Nevada 101,717 105,450 3.7 98,566 100,444 2.9 10.2 10.9 10.4 1.2 8. Nebrake 98,6420 88,521 3.9 88,624 87,538 1.5 93.3 95,4 2.3 New Marmetiere 47,118 48,873 3.4 397,79 40,533 1.1 119.9 12.1 1.0 Nebrake 98,645 1.0 1.0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,	California	1,683,204	1,768,039	5.0	1,430,212	1,479,356	3.4	117.7	119.5	1.6	
Delaware   38.873	Colorado	226,032	237,461	5.1	214,906	220,778	2.7	105.2	107.6	2.3	
District of Columbia	Connecticut	207,162	214,297	3.4	182,483	185,116	1.4	113.5	115.8	2.0	
Florida 761,303 792,255 4.1 739,169 757,737 2.5 103.0 104.6 1.5 Georgia 356,836 371,488 4.1 373,328 381,708 2.2 95.6 97.3 1.8 Hawaii 60,095 62,330 3.7 49,551 50,245 1.4 121.3 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1 124.1	Delaware	38,873	40,558	4.3	36,575	37,461	2.4	106.3	108.3	1.9	
Georgia 356,836 371,488 4.1 373,328 381,708 2.2 95.6 97.3 1.8 Hawaii 60,095 62,330 3.7 49,551 50,245 1.4 121.3 124.1 2.3 1daho 52,954 55,002 3.9 54,616 55,561 1.7 97.0 99.0 1.8 1816ho 152,954 55,002 3.9 54,616 55,561 1.7 97.0 99.0 1.8 1816ho 152,954 55,002 3.9 54,616 55,561 1.7 97.0 99.0 1.8 1816ho 156,117 97.0 99.0 1.8 1816ho 156,117 97.0 99.0 1.8 1816ho 156,117 97.0 99.0 1.8 1.8 1816ho 156,117 97.0 99.0 1.8 19.0 10.0 1.8 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0	District of Columbia	46,104	47,281	2.6	37,628	37,787	0.4	122.5	125.1	2.1	
Hawaii 60,095 62,330 3.7 49,551 50,245 1.4 121.3 124.1 2.3 11daho 52,954 55,022 3.9 54,616 55,561 1.7 97.0 99.0 11daho 52,954 55,022 3.9 54,616 55,561 1.7 97.0 99.0 19.0 11daho 52,954 55,022 3.9 54,616 55,561 1.7 97.0 99.0 19.0 19.0 19.0 19.0 19.0 19.0 19	Florida	761,303	792,255	4.1	739,169	757,737	2.5	103.0	104.6	1.5	
Idaho	Georgia	356,836	371,488	4.1	373,328	381,708	2.2	95.6	97.3	1.8	
fillinois         567,197         590,094         4.0         541,432         554,445         2.4         104.8         106.4         1.6           Indiana         236,815         249,198         5.2         249,422         285,772         3.7         94.9         96.4         1.5           towa         130,131         135,063         3.8         139,994         142,567         1.8         93.0         94.7         1.9           Kentucky         150,850         156,131         3.5         163,899         166,058         1.3         92.0         94.0         2.2           Louisiana         176,690         184,340         4.3         186,955         190,667         2.0         94.5         96.7         2.3           Maine         51,653         35,833         3.2         51,018         51,195         0.3         101.2         104.1         2.8           Marand         306,001         316,682         3.5         264,482         268,936         1.7         115.7         117.8         18           Minnesta         342,128         372,026         3.9         319,250         328,017         2.7         112.2         113.4         1.1           Mississippi<	Hawaii	60,095	62,330	3.7	49,551	50,245	1.4	121.3	124.1	2.3	
Indiana	Idaho	52,954	55,022	3.9	54,616	55,561	1.7	97.0	99.0	2.1	
Iowa	Illinois	567,197	590,094	4.0	541,432	554,445	2.4	104.8	106.4	1.6	
Kansas 120,783 124,137 2.8 129,263 130,490 0.9 93.4 95.1 1.8 Kentucky 150,850 156,131 3.5 163,899 166,058 1.3 92.0 94.0 2.2 Louisiana 176,690 184,340 4.3 186,955 190,667 2.0 94.5 96.7 2.3 Maine 51,653 53,283 3.2 51,018 51,195 0.3 101.2 104.1 2.8 Maryland 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 1.8 Massachusetts 358,218 372,026 3.9 319,250 328,017 2.7 112.2 113.4 1.1 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 98.1 99.9 1.9 Minnesota 241,352 252,413 4.6 239,548 244,719 2.2 100.8 103.1 2.4 Mississippi 95,854 100,465 4.8 106,266 109,854 3.4 90.2 91.5 Montana 36,630 38,753 5.8 37,479 38,864 3.7 97.7 99.7 2.0 Nebraska 80,420 83,521 3.9 86,224 87,558 1.5 93.3 95.4 2.3 Nevada 101,717 105,450 3.7 98,566 101,444 2.9 103.2 103.9 0.7 New Hampshire 62,651 64,885 3.6 57,116 57,745 1.1 109.7 112.4 2.4 New Jersey 471,188 487,437 3.4 397,749 403,804 1.5 118.5 120.7 1.9 New Werkico 72,300 74,416 2.9 73,263 74,147 1.2 98.7 100.4 1.7 New York 1,012,406 1,041,931 2.9 844,330 853,317 1.1 119.9 122.1 1.8 North Dakota 32,332 38,390 18.7 34,869 40,136 1.5 118.5 120.7 1.9 North Carolina 352,455 369,704 4.9 371,148 381,336 2.7 95.0 96.9 2.1 North Dakota 147,430 154,958 5.1 158,458 162,898 2.8 93.0 95.1 2.2 Oregon 146,001 152,722 4.6 142,547 146,033 2.4 102.4 104.6 2.1 Renewsee 237,618 26,958 3.7 156,595 3.7 169,599 172,448 1.7 94.2 96.0 1.9 Pennsylvaria 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.1 Tennessee 237,618 250,189 5.3 253,894 260,645 2.8 93.7 96.0 2.2 Utah 96,175 111,110 5.5 5 1,053,124 1,067,533 3.3 100.6 102.5 1.8 Vermont 26,888 27,886 3.7 25,863 26,121 1.0 104.0 106.8 2.7 Virginia 381,930 396,005 3.7 356,882 36,973 3.3 100.6 102.5 1.8 Virginia 381,930 396,005 3.7 356,882 36,973 3.3 100.6 102.5 18.8 Virginia 62,737 65,091 3.8 68,230 69,348 1.8 91.9 93.7 1.9 Visconsin 232,094 241,201 3.9 240,443 245,355 2.0 96.5 98.3 1.8	Indiana	236,815	249,198	5.2	249,422	258,572	3.7	94.9	96.4	1.5	
Kentucky         150,850         156,131         3.5         163,899         166,058         1.3         92.0         94.0         2.2           Louisiana         176,690         184,340         4.3         186,955         190,667         2.0         94.5         96.7         2.3           Maine         51,653         53,283         3.2         51,018         51,195         0.3         101.2         104.1         2.8           Maryland         306,001         316,682         3.5         264,482         268,936         1.7         117.8         1.8         1.8           Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Minnesota         241,352         252,413         4.6         239,548         244,719         2.2         100.8         103.1         2.4           Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Mortana         36,630         38,751         3.9         86,224         87,558         1.5         93.3         95.4         2.3           New Hampshire	lowa	130,131	135,063	3.8	139,994	142,567	1.8	93.0	94.7	1.9	
Louisiana 176,690 184,340 4.3 186,955 190,667 2.0 94.5 96.7 2.3 Maine 51,653 53,283 3.2 51,018 51,195 0.3 101.2 104.1 2.8 Maryland 306,001 316,682 3.5 264,482 268,936 1.7 115.7 117.8 1.8 Massachusetts 358,218 372,026 3.9 319,250 328,017 2.7 112.2 113.4 1.1 Michigan 365,753 378,443 3.5 372,860 378,704 1.6 98.1 99.9 1.9 Minnesota 241,352 252,413 4.6 239,548 244,719 2.2 100.8 103.1 2.4 Mississippi 95,854 100,465 4.8 106,266 109,854 3.4 90.2 91.5 1.4 Missouri 228,270 235,661 3.2 248,780 252,687 1.6 91.8 93.3 1.6 Montana 36,630 38,753 5.8 37,479 38,864 3.7 97.7 99.7 2.0 Nebraska 80,420 83,521 3.9 86,224 87,555 1.5 93.3 95.4 2.3 Nevada 101,717 105,450 3.7 98,566 101,444 2.9 103.2 103.9 0.7 New Hampshire 62,651 64,885 3.6 57,116 57,745 1.1 109.7 112.4 2.4 New Jersey 471,188 487,437 3.4 397,749 403,804 1.5 118.5 120.7 1.9 New Mexico 72,300 74,416 2.9 73,263 74,147 1.2 98.7 100.4 1.9 New Mexico 72,300 74,416 2.9 371,48 381,336 2.7 95.0 96.9 2.1 North Dakota 32,332 38,390 18.7 34,869 40,136 15.1 92.7 95.6 32.2 Ohio 446,136 462,424 3.7 480,076 489,788 2.0 92.9 94.4 10.4 2.0 Pennsylvania 147,430 154,958 5.1 158,458 162,898 2.8 93.0 95.1 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.1 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 558,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pennsylvania 568,345 575,425 3.1 545,333 551,039 1.0 102.4 104.6 2.2 Pe	Kansas	120,783	124,137	2.8	129,263	130,490	0.9	93.4	95.1	1.8	
Maine         51,653         53,283         3.2         51,018         51,195         0.3         101.2         104.1         2.8           Maryland         306,001         316,682         3.5         264,482         268,936         1.7         115.7         117.8         1.8           Massachusetts         358,218         372,026         3.9         319,250         328,017         2.7         112.2         113.4         1.1           Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Missouri         241,352         252,413         4.6         293,548         244,719         2.2         100.8         103.1         2.4           Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Morbarska         80,420         83,751         3.9         86,224         87,558         1.5         93.3         95.4         2.3           New	Kentucky	150,850	156,131	3.5	163,899	166,058	1.3	92.0	94.0	2.2	
Maryland         306,001         316,682         3.5         264,482         268,936         1.7         115.7         117.8         1.8           Massachusetts         358,218         372,026         3.9         319,250         328,017         2.7         112.2         113.4         1.1           Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Minesota         241,352         252,413         4.6         239,548         244,719         2.2         100.8         103.1         2.4           Mississippi         95,854         100,465         4.8         106,266         109,854         3.4         90.2         91.5         1.4           Missouri         228,770         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Mortana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4	Louisiana	176,690	184,340	4.3	186,955	190,667	2.0	94.5	96.7	2.3	
Massachusetts         358,218         372,026         3.9         319,250         328,017         2.7         112.2         113.4         1.1           Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Minnesota         241,352         252,413         4.6         239,548         244,719         2.2         100.8         103.1         2.4           Missory         95,854         100,465         4.8         106,266         109,854         3.4         90.2         91.5         1.4           Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Mortaraka         80,420         83,521         3.9         86,224         87,558         1.5         93.3         95.4         23.8           New Jacch         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4	Maine	51,653	53,283	3.2	51,018	51,195	0.3	101.2	104.1	2.8	
Michigan         365,753         378,443         3.5         372,860         378,704         1.6         98.1         99.9         1.9           Minnesota         241,352         252,413         4.6         239,548         244,719         2.2         100.8         103.1         2.4           Missouri         228,270         235,661         3.2         248,780         252,667         1.6         91.8         93.3         1.6           Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nevada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4	Maryland	306,001	316,682	3.5	264,482	268,936	1.7	115.7	117.8	1.8	
Minnesota         241,352         252,413         4.6         239,548         244,719         2.2         100.8         103.1         2.4           Mississippi         95,854         100,465         4.8         106,266         109,854         3.4         90.2         91.5         1.4           Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nevada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hamsphire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         19.           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           Ne	Massachusetts	358,218	372,026	3.9	319,250	328,017	2.7	112.2	113.4	1.1	
Mississippi         95,854         100,465         4.8         106,266         109,854         3.4         90.2         91.5         1.4           Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nebraska         80,420         83,521         3.9         86,224         87,558         1.5         93.3         95.4         2.3           New Adda         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,373         3.4         397,749         403,804         1.5         118.5         120.7         19.           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8	Michigan	365,753	378,443	3.5	372,860	378,704	1.6	98.1	99.9	1.9	
Missouri         228,270         235,661         3.2         248,780         252,687         1.6         91.8         93.3         1.6           Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nebraska         80,420         83,521         3.9         86,224         87,558         1.5         93.3         95.4         2.3           Newada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Dakota         32,325         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           N	Minnesota	241,352	252,413	4.6	239,548	244,719	2.2	100.8	103.1	2.4	
Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nebraska         80,420         83,521         3.9         86,224         87,558         1.5         93.3         95.4         2.3           Newada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1 <td< td=""><td>Mississippi</td><td>95,854</td><td>100,465</td><td>4.8</td><td>106,266</td><td>109,854</td><td>3.4</td><td>90.2</td><td>91.5</td><td>1.4</td></td<>	Mississippi	95,854	100,465	4.8	106,266	109,854	3.4	90.2	91.5	1.4	
Montana         36,630         38,753         5.8         37,479         38,864         3.7         97.7         99.7         2.0           Nebraska         80,420         83,521         3.9         86,224         87,558         1.5         93.3         95.4         2.3           Nevada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1 <td< td=""><td></td><td></td><td></td><td>3.2</td><td></td><td></td><td>1.6</td><td></td><td></td><td>1.6</td></td<>				3.2			1.6			1.6	
Nevada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6	Montana			5.8	37,479	38,864	3.7	97.7	99.7	2.0	
Nevada         101,717         105,450         3.7         98,566         101,444         2.9         103.2         103.9         0.7           New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6	Nebraska	80,420	83,521	3.9	86,224	87,558	1.5	93.3	95.4	2.3	
New Hampshire         62,651         64,885         3.6         57,116         57,745         1.1         109.7         112.4         2.4           New Jersey         471,188         487,437         3.4         397,749         403,804         1.5         118.5         120.7         1.9           New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2	Nevada	101,717	105,450	3.7		101,444	2.9	103.2	103.9	0.7	
New Mexico         72,300         74,416         2.9         73,263         74,147         1.2         98.7         100.4         1.7           New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0	New Hampshire	62,651		3.6	57,116	57,745	1.1	109.7	112.4	2.4	
New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1	New Jersey	471,188	487,437	3.4	397,749	403,804	1.5	118.5	120.7	1.9	
New York         1,012,406         1,041,931         2.9         844,330         853,317         1.1         119.9         122.1         1.8           North Carolina         352,455         369,704         4.9         371,148         381,336         2.7         95.0         96.9         2.1           North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1	New Mexico	72,300	74,416	2.9	73,263	74,147	1.2	98.7	100.4	1.7	
North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6	New York		1,041,931	2.9			1.1	119.9	122.1	1.8	
North Dakota         32,332         38,390         18.7         34,869         40,136         15.1         92.7         95.6         3.2           Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6	North Carolina	352,455	369,704	4.9	371,148	381,336	2.7	95.0	96.9	2.1	
Ohio         446,136         462,424         3.7         480,076         489,788         2.0         92.9         94.4         1.6           Oklahoma         147,430         154,958         5.1         158,458         162,898         2.8         93.0         95.1         2.2           Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1	North Dakota									3.2	
Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8	Ohio	446,136	462,424	3.7	480,076	489,788	2.0	92.9	94.4	1.6	
Oregon         146,001         152,722         4.6         142,547         146,033         2.4         102.4         104.6         2.1           Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8	Oklahoma									2.2	
Pennsylvania         558,345         575,425         3.1         545,333         551,039         1.0         102.4         104.4         2.0           Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7										2.1	
Rhode Island         46,881         48,184         2.8         45,372         46,113         1.6         103.3         104.5         1.1           South Carolina         159,747         165,595         3.7         169,599         172,448         1.7         94.2         96.0         1.9           South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0								102.4	104.4	2.0	
South Dakota         36,932         37,819         2.4         40,997         40,523         -1.2         90.1         93.3         3.6           Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9 <td< td=""><td>Rhode Island</td><td>46,881</td><td>48,184</td><td>2.8</td><td>45,372</td><td>46,113</td><td>1.6</td><td>103.3</td><td>104.5</td><td>1.1</td></td<>	Rhode Island	46,881	48,184	2.8	45,372	46,113	1.6	103.3	104.5	1.1	
Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8	South Carolina							94.2	96.0	1.9	
Tennessee         237,618         250,189         5.3         253,494         260,645         2.8         93.7         96.0         2.4           Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8										3.6	
Texas         1,053,552         1,111,110         5.5         1,053,124         1,087,533         3.3         100.0         102.2         2.1           Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8					253,494					2.4	
Utah         96,175         101,163         5.2         95,583         98,737         3.3         100.6         102.5         1.8           Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8										2.1	
Vermont         26,888         27,886         3.7         25,863         26,121         1.0         104.0         106.8         2.7           Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8	Utah		101,163							1.8	
Virginia         381,930         396,005         3.7         356,882         362,744         1.6         107.0         109.2         2.0           Washington         303,088         317,575         4.8         283,739         290,802         2.5         106.8         109.2         2.2           West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8	Vermont									2.7	
Washington     303,088     317,575     4.8     283,739     290,802     2.5     106.8     109.2     2.2       West Virginia     62,737     65,091     3.8     68,230     69,438     1.8     91.9     93.7     1.9       Wisconsin     232,094     241,201     3.9     240,443     245,355     2.0     96.5     98.3     1.8										2.0	
West Virginia         62,737         65,091         3.8         68,230         69,438         1.8         91.9         93.7         1.9           Wisconsin         232,094         241,201         3.9         240,443         245,355         2.0         96.5         98.3         1.8										2.2	
Wisconsin 232,094 241,201 3.9 240,443 245,355 2.0 96.5 98.3 1.8										1.9	
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										1.3	
	"					,					
Maximum 1,683,204 1,768,039 18.7 1,430,212 1,479,356 15.1 122.5 125.1 3.6	Maximum	1,683,204	1,768,039	18.7	1,430,212	1,479,356	15.1	122.5	125.1	3.6	
1 1 1 1 1 1 1 1 1 1										0.7	
										2.9	

Appendix Table 2. Regional Price Parities by State, 2012

		Regional Pri	Price Parities Services								
	All Items	Goods	Ser								
			Rents	Other							
United States	100.0	99.4	101.2	100.0							
Alabama	88.1	96.7	64.3	93.1							
Alaska	107.1	103.0	142.1	99.6							
Arizona	98.1	100.6	93.6	98.0							
Arkansas	87.6	95.6	63.0	92.4							
California	112.9	103.1	147.4	105.6							
Colorado	101.6	101.7	106.5	98.8							
Connecticut	109.4	104.9	118.9	109.5							
Delaware	102.3	102.3	98.9	104.4							
District of Columbia	118.2	107.0	157.2	112.0							
Florida	98.8	98.3	104.8	95.9							
Georgia	92.0	97.1	79.8	93.8							
Hawaii	117.2	107.5	159.0	104.2							
Idaho	93.6	98.7	78.8	96.7							
Illinois	100.6	101.4	100.5	99.7							
Indiana	91.1	96.6	75.8	93.9							
Iowa	89.5	93.7	74.8	91.3							
Kansas	89.9	94.7	75.0	91.7							
Kentucky	88.8	95.3	68.1	92.5							
Louisiana	91.4	96.9	77.4	93.2							
Maine	98.3	98.6	99.5	97.5							
Maryland	111.3	103.4	125.1	111.0							
Massachusetts	107.2	98.0	121.4	110.9							
Michigan	94.4	97.7	82.4	97.2							
Minnesota	97.5	98.5	95.7	97.2							
Mississippi	86.4	95.1	62.1	92.0							
Missouri	88.1	92.8	74.1	90.5							
Montana	94.2	99.2	80.3	95.6							
Nebraska	90.1	94.5	76.2	91.9							
Nevada	98.2	97.4	98.8	98.9							
New Hampshire	106.2	98.1	123.4	107.3							
New Jersey	114.1	101.4	136.8	115.5							
New Mexico	94.8	97.9	83.2	98.1							
New York	115.4	108.1	134.9	113.2							
North Carolina	91.6	96.7	79.1	93.1							
North Dakota	90.4	93.5	79.3	91.1							
Ohio	89.2	95.1	73.9	91.9							
Oklahoma	89.9	96.2	70.3	92.8							
Oregon	98.8	98.3	99.1	99.3							
Pennsylvania	98.7	100.0	89.8	102.1							
Rhode Island	98.7	98.4	101.6	97.3							
South Carolina	90.7	96.9	76.3	93.3							
South Dakota	88.2	93.2	70.8	90.8							
Tennessee	90.7	96.6	75.5	93.1							
Texas	96.5	97.9	89.3	99.0							
Utah	96.8	97.7	92.1	98.4							
Vermont	100.9	98.6	116.6	97.1							
Virginia	103.2	100.2	114.6	100.8							
Washington	103.2	103.1	111.0	99.9							
West Virginia	88.6	95.7	63.3	93.6							
Wisconsin	92.9	95.7	87.6	92.1							
Wyoming	96.4	99.0	90.6	95.9							
, , ,											
Maximum	118.2	108.1	159.0	115.5							
Minimum	86.4	92.8	62.1	90.5							
Range	31.8	15.3	96.9	25.0							

Appendix Table 3. Real Per Capita Personal Income by State, 2011 and 2012

	Per Capita	Personal Incor	ne		oita Personal Inc	ome
_		Dollars		Chained	d (2008) dollars	T
	2011	2012	Percent growth	2011	2012	Percent growth
United States	42,298	43,735	3.4	40,663	41,282	1.5
Alabama	34,929	35,926	2.9	38,362	38,530	0.4
Alaska	48,114	49,436	2.7	43,773	43,601	-0.4
Arizona	35,446	36,243	2.3	34,695	34,905	0.6
Arkansas	34,032	35,437	4.1	37,403	38,223	2.2
California	44,666	46,477	4.1	37,953	38,888	2.5
Colorado	44,179	45,775	3.6	42,004	42,559	1.3
Connecticut	57,758	59,687	3.3	50,877	51,559	1.3
Delaware	42,805	44,224	3.3	40,275	40,848	1.4
District of Columbi	74,480	74,773	0.4	60,787	59,759	-1.7
Florida	39,896	41,012	2.8	38,736	39,225	1.3
Georgia	36,366	37,449	3.0	38,046	38,479	1.1
Hawaii	43,606	44,767	2.7	35,955	36,087	0.4
Idaho	33,436	34,481	3.1	34,485	34,818	1.0
Illinois	44,106	45,832	3.9	42,103	43,063	2.3
Indiana	36,342	38,119	4.9	38,276	39,553	3.3
lowa	42,470	43,935	3.4	45,688	46,376	1.5
Kansas	42,079	43,015	2.2	45,033	45,216	0.4
Kentucky	34,545	35,643	3.2	37,533	37,909	1.0
Louisiana	38,623	40,057	3.7	40,867	41,432	1.4
Maine	38,880	40,087	3.1	38,402	38,516	0.3
Maryland	52,401	53,816	2.7	45,291	45,702	0.9
Massachusetts	54,218	55,976	3.2	48,320	49,354	2.1
Michigan	37,032	38,291	3.4	37,751	38,317	1.5
Minnesota	45,135	46,925	4.0	44,798	45,494	1.6
Mississippi	32,193	33,657	4.5	35,690	36,803	3.1
Missouri	37,988	39,133	3.0	41,401	41,961	1.4
Montana	36,716	38,555	5.0	37,566	38,665	2.9
Nebraska	43,654	45,012	3.1	46,804	47,188	0.8
Nevada	37,396	38,221	2.2	36,237	36,769	1.5
New Hampshire	47,542	49,129	3.3	43,342	43,722	0.9
New Hampshire New Jersey	53,333	54,987	3.1	45,021	45,722	1.2
New Mexico	•		2.6		35,553	0.9
New York	34,782	35,682	2.6	35,245	*	0.9
North Carolina	51,914	53,241	3.8	43,295	43,603	1.7
	36,520	37,910		38,457	39,103	
North Dakota	47,218	54,871	16.2	50,923	57,367	12.7
Ohio	38,657	40,057	3.6	41,597	42,427	2.0
Oklahoma	38,960	40,620	4.3	41,874	42,701	2.0
Oregon	37,744	39,166	3.8	36,851	37,451	1.6
Pennsylvania	43,813	45,083	2.9	42,792	43,173	0.9
Rhode Island	44,621	45,877	2.8	43,185	43,905	1.7
South Carolina	34,183	35,056	2.6	36,291	36,507	0.6
South Dakota	44,843	45,381	1.2	49,779	48,626	-2.3
Tennessee	37,129	38,752	4.4	39,610	40,371	1.9
Texas	41,103	42,638	3.7	41,087	41,733	1.6
Utah	34,173	35,430	3.7	33,963	34,580	1.8
Vermont	42,911	44,545	3.8	41,276	41,726	1.1
Virginia	47,126	48,377	2.7	44,036	44,313	0.6
Washington	44,420	46,045	3.7	41,584	42,164	1.4
West Virginia	33,822	35,082	3.7	36,784	37,425	1.7
Wisconsin	40,648	42,121	3.6	42,110	42,846	1.7
Wyoming	49,212	50,567	2.8	48,909	49,587	1.4
Maximum	74,480	74,773	16.2	60,787	59,759	12.7
Minimum	32,193	33,657	0.4	33,963	34,580	-2.3
Range	42,287	41,116	15.8	26,824	25,179	15.0

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		rsonal Income Ilions of dollars			Personal Income chained (2008) d	ollars	Implicit	Regional Price Parities		
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Abilene, TX	6,070	6,331	4.3	6,360	6,575	3.4	95.4	96.3	0.9	91.4
Akron, OH	28,363	29,482	3.9	30,733	31,650	3.0	92.3	93.2	0.9	88.4
Albany, GA	5,147	5,345	3.8	5,557	5,958	7.2	92.6	89.7	-3.1	85.1
Albany, OR	3,530	3,667	3.9	3,646	3,714	1.9	96.8	98.8	2.0	93.7
Albany-Schenectady-Troy, NY	40,684	41,776	2.7	39,636	39,992	0.9	102.6	104.5	1.8	99.1
Albuquerque, NM	31,881	32,707	2.6	32,078	32,143	0.2	99.4	101.8	2.4	96.6
Alexandria, LA	5,554	5,783	4.1	5,940	6,258	5.4	93.5	92.4	-1.2	87.7
Allentown-Bethlehem-Easton, PA-NJ	34,225	35,457	3.6	32,996	33,665	2.0	103.7	105.3	1.5	99.9
Altoona, PA	4,562	4,649	1.9	4,804	4,826	0.5	95.0	96.3	1.5	91.4
Amarillo, TX	9,583	9,876	3.1	9,969	10,095	1.3	96.1	97.8	1.8	92.8
Ames, IA	3,826	4,062	6.2	4,220	4,347	3.0	90.7	93.4	3.0	88.7
Anchorage, AK	19,711	20,553	4.3	17,454	17,590	0.8	112.9	116.8	3.5	110.9
Ann Arbor, MI	14,380	15,162	5.4	13,709	14,083	2.7	104.9	107.7	2.6	102.2
Anniston-Oxford-Jacksonville, AL	3,817	3,857	1.0	4,179	4,314	3.2	91.3	89.4	-2.1	84.8
Appleton, WI	9,110	9,549	4.8	9,445	9,707	2.8	96.5	98.4	2.0	93.3
Asheville, NC	14,906	15,621	4.8	15,667	16,117	2.9	95.1	96.9	1.9	92.0
Athens-Clarke County, GA	6,228	6,496	4.3	6,527	6,711	2.8	95.4	96.8	1.4	91.8
Atlanta-Sandy Springs-Roswell, GA	214,363	223,569	4.3	214,235	221,843	3.6	100.1	100.8	0.7	95.6
Atlantic City-Hammonton, NJ	11,319	11,595	2.4	10,014	10,150	1.4	113.0	114.2	1.1	108.4
Auburn-Opelika, AL	4,258	4,452	4.6	4,639	4,858	4.7	91.8	91.6	-0.2	87.0
Augusta-Richmond County, GA-SC	20,134	20,703	2.8	21,192	21,876	3.2	95.0	94.6	-0.4	89.8
Austin-Round Rock, TX	74,169	78,696	6.1	72,970	75,828	3.9	101.6	103.8	2.1	98.5
Bakersfield, CA	27,836	29,497	6.0	27,834	28,764	3.3	100.0	102.5	2.5	97.3
Baltimore-Columbia-Towson, MD	143,281	149,222	4.1	125,880	129,483	2.9	113.8	115.2	1.2	109.4
Bangor, ME	5,355	5,513	3.0	5,411	5,391	-0.4	99.0	102.3	3.3	97.0
Barnstable Town, MA	12,475	12,977	4.0	11,861	12,063	1.7	105.2	107.6	2.3	102.1
Baton Rouge, LA	31,228	32,811	5.1	32,213	33,414	3.7	96.9	98.2	1.3	93.2
Battle Creek, MI	4,644	4,813	3.6	4,911	5,044	2.7	94.6	95.4	0.9	90.5
Bay City, MI	3,660	3,717	1.5	3,892	3,969	2.0	94.0	93.6	-0.4	88.9
Beaumont-Port Arthur, TX	14,936	15,510	3.8	15,702	16,248	3.5	95.1	95.5	0.4	90.6
Beckley, WV	4,292	4,420	3.0	4,868	4,887	0.4	88.2	90.4	2.6	85.8
Bellingham, WA	7,721	8,029	4.0	7,594	7,675	1.1	101.7	104.6	2.9	99.3
Bend-Redmond, OR	5,965	6,239	4.6	6,078	6,127	0.8	98.1	101.8	3.8	96.6
Billings, MT	6,423	6,766	5.3	6,569	6,723	2.3	97.8	100.6	2.9	95.5
Binghamton, NY	9,334	9,535	2.2	9,555	9,464	-1.0	97.7	100.8	3.1	95.6
Birmingham-Hoover, AL	45,623	47,569	4.3	47,235	50,056	6.0	96.6	95.0	-1.6	90.2
Bismarck, ND	5,043	5,554	10.1	5,328	5,607	5.2	94.7	99.1	4.6	94.0
Blacksburg-Christiansburg-Radford, VA	5,363	5,629	5.0	5,767	6,016	4.3	93.0	93.6	0.6	88.8
Bloomington, IL	7,950	8,196	3.1	8,131	8,224	1.1	97.8	99.7	1.9	94.6
Bloomington, IN	5,104	5,333	4.5	5,310	5,420	2.1	96.1	98.4	2.4	93.4
Bloomsburg-Berwick, PA	2,961	3,059	3.3	3,111	3,157	1.5	95.2	96.9	1.8	92.0
Boise City, ID	21,677	22,552	4.0	22,296	22,604	1.4	97.2	99.8	2.6	94.7
Boston-Cambridge-Newton, MA-NH	269,576	280,244	4.0	235,321	238,363	1.3	114.6	117.6	2.6	111.6
Boulder, CO	15,487	16,418	6.0	14,081	14,300	1.6	110.0	114.8	4.4	108.9
Bowling Green, KY	5,032	5,221	3.8	5,694	5,822	2.2	88.4	89.7	1.5	85.1
Bremerton-Silverdale, WA	10,975	11,359	3.5	10,214	10,301	0.8	107.4	110.3	2.6	104.6
Bridgeport-Stamford-Norwalk, CT	73,370	75,704	3.2	58,028	59,145	1.9	126.4	128.0	1.2	121.5
Brownsville-Harlingen, TX	9,656	9,936	2.9	10,650	11,079	4.0	90.7	89.7	-1.1	85.1
Brunswick, GA	3,781	3,911	3.4	4,201	4,311	2.6	90.0	90.7	0.8	86.1
Buffalo-Cheektowaga-Niagara Falls, NY	47,125	48,530	3.0	48,037	49,080	2.2	98.1	98.9	0.8	93.8
Burlington, NC	4,848	5,068	4.5	5,119	5,346	4.4	94.7	94.8	0.1	90.0
Burlington-South Burlington, VT	9,691	10,105	4.3	9,205	9,376	1.9	105.3	107.8	2.4	102.3
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Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		rsonal Income illions of dollars			Personal Income chained (2008) d	ollars	Implicit	Regional Prio (2008=100		Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Canton-Massillon, OH	14,472	14,974	3.5	15,465	15,899	2.8	93.6	94.2	0.6	89.4
Cape Coral-Fort Myers, FL	26,624	27,856	4.6	27,019	27,815	2.9	98.5	100.1	1.6	95.0
Cape Girardeau, MO-IL	3,326	3,451	3.8	3,834	3,957	3.2	86.7	87.2	0.5	82.8
Carbondale-Marion, IL	4,406	4,530	2.8	5,080	5,112	0.6	86.7	88.6	2.2	84.1
Carson City, NV	2,251	2,316	2.9	2,226	2,243	0.8	101.1	103.2	2.1	98.0
Casper, WY	4,246	4,522	6.5	4,241	4,389	3.5	100.1	103.0	2.9	97.8
Cedar Rapids, IA	11,134	11,552	3.7	11,770	12,014	2.1	94.6	96.2	1.6	91.2
Chambersburg-Waynesboro, PA	5,393	5,558	3.1	5,438	5,502	1.2	99.2	101.0	1.9	95.9
Champaign-Urbana, IL	8,853	9,138	3.2	9,115	9,234	1.3	97.1	99.0	1.9	93.9
Charleston, WV	9,253	9,564	3.4	9,819	10,105	2.9	94.2	94.7	0.4	89.8
Charleston-North Charleston, SC	26,461	27,510	4.0	26,448	27,263	3.1	100.0	100.9	0.9	95.7
Charlotte-Concord-Gastonia, NC-SC	87,827	92,931	5.8	89,990	93,485	3.9	97.6	99.4	1.9	94.3
Charlottesville, VA	9,894	10,400	5.1	9,672	9,955	2.9	102.3	104.5	2.1	99.1
Chattanooga, TN-GA	19,146	20,025	4.6	20,296	21,005	3.5	94.3	95.3	1.1	90.5
Cheyenne, WY	4,573	4,796	4.9	4,612	4,725	2.4	99.1	101.5	2.4	96.3
Chicago-Naperville-Elgin, IL-IN-WI	439,698	459,981	4.6	401,710	409,308	1.9	109.5	112.4	2.7	106.6
Chico, CA	7,591	7,908	4.2	7,461	7,489	0.4	101.7	105.6	3.8	100.2
Cincinnati, OH-KY-IN	88,581	92,497	4.4	92,498	95,888	3.7	95.8	96.5	0.7	91.5
Clarksville, TN-KY	10,460	10,672	2.0	11,032	11,146	1.0	94.8	95.8	1.0	90.9
Cleveland, TN	3,682	3,906	6.1	4,166	4,464	7.2	88.4	87.5	-1.0	83.0
Cleveland-Elyria, OH	88,962	92,395	3.9	96,482	98,289	1.9	92.2	94.0	1.9	89.2
• •		4,934	4.0	4,916	5,012			98.4	2.0	93.4
Coeur d'Alene, ID	4,745					2.0	96.5			
College Station-Bryan, TX	7,098	7,454	5.0	7,226	7,502	3.8	98.2	99.4	1.2	94.3
Colorado Springs, CO	26,460	27,389	3.5	26,128	26,354	0.9	101.3	103.9	2.6	98.6
Columbia, MO	6,333	6,667	5.3	6,574	6,860	4.3	96.3	97.2	0.9	92.2
Columbia, SC	28,091	29,267	4.2	29,047	30,139	3.8	96.7	97.1	0.4	92.1
Columbus, GA-AL	11,649	12,178	4.5	12,197	12,978	6.4	95.5	93.8	-1.8	89.0
Columbus, IN	3,145	3,436	9.2	3,471	3,736	7.6	90.6	92.0	1.5	87.3
Columbus, OH	79,024	83,062	5.1	81,085	83,996	3.6	97.5	98.9	1.5	93.8
Corpus Christi, TX	16,920	17,832	5.4	17,422	18,270	4.9	97.1	97.6	0.5	92.6
Corvallis, OR	3,306	3,447	4.3	3,335	3,359	0.7	99.1	102.6	3.5	97.4
Crestview-Fort Walton Beach-Destin, FL	10,098	10,669	5.7	10,073	10,448	3.7	100.2	102.1	1.9	96.9
Cumberland, MD-WV	3,415	3,511	2.8	3,654	3,776	3.4	93.5	93.0	-0.5	88.2
Dallas-Fort Worth-Arlington, TX	293,169	309,155	5.5	279,881	290,332	3.7	104.7	106.5	1.7	101.0
Dalton, GA	3,948	4,075	3.2	4,470	4,548	1.7	88.3	89.6	1.5	85.0
Danville, IL	2,668	2,740	2.7	3,074	3,273	6.5	86.8	83.7	-3.6	79.4
Daphne-Fairhope-Foley, AL	7,121	7,355	3.3	7,748	7,842	1.2	91.9	93.8	2.0	89.0
Davenport-Moline-Rock Island, IA-IL	16,330	16,777	2.7	17,180	17,293	0.7	95.1	97.0	2.1	92.1
Dayton, OH	31,029	31,952	3.0	32,453	33,317	2.7	95.6	95.9	0.3	91.0
Decatur, AL	4,960	5,109	3.0	5,372	5,577	3.8	92.3	91.6	-0.8	86.9
Decatur, IL	4,538	4,657	2.6	4,796	4,929	2.8	94.6	94.5	-0.1	89.7
Deltona-Daytona Beach-Ormond Beach, FL	19,802	20,634	4.2	19,990	20,502	2.6	99.1	100.6	1.6	95.5
Denver-Aurora-Lakewood, CO	127,635	134,735	5.6	120,117	122,571	2.0	106.3	109.9	3.4	104.3
Des Moines-West Des Moines, IA	26,208	27,537	5.1	26,845	27,639	3.0	97.6	99.6	2.1	94.5
Detroit-Warren-Dearborn, MI	174,844	181,388	3.7	171,120	175,953	2.8	102.2	103.1	0.9	97.8
Dothan, AL	5,093	5,287	3.8	5,618	5,901	5.0	90.7	89.6	-1.2	85.0
Dover, DE	5,799	6,061	4.5	5,882	6,113	3.9	98.6	99.1	0.6	94.1
Dubuque, IA	3,646	3,839	5.3	3,824	3,922	2.6	95.4	97.9	2.7	92.9
Duluth, MN-WI	10,398	10,667	2.6	10,911	11,039	1.2	95.3	96.6	1.4	91.7
Durham-Chapel Hill, NC	22,155	23,158	4.5	22,628	23,122	2.2	97.9	100.2	2.3	95.0
East Stroudsburg, PA	5,585	5,702	2.1	5,403	5,414	0.2	103.4	105.3	1.9	99.9
Eau Claire, WI	6,115	6,403	4.7	6,396	6,586	3.0	95.6	97.2	1.7	92.3
El Centro, CA	5,358	5,467	2.0	5,622	5,626	0.1	95.3	97.2	2.0	92.2

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		rsonal Income illions of dollars			Personal Income chained (2008) de	ollars	Implicit	Regional Price Parities		
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
El Paso, TX	24,080	25,077	4.1	25,756	26,204	1.7	93.5	95.7	2.4	90.8
Elizabethtown-Fort Knox, KY	5,871	5,863	-0.1	6,518	6,417	-1.5	90.1	91.4	1.4	86.7
Elkhart-Goshen, IN	6,555	7,096	8.3	6,877	7,349	6.9	95.3	96.6	1.3	91.6
Elmira, NY	3,313	3,384	2.1	3,378	3,407	0.9	98.1	99.3	1.3	94.2
Erie, PA	10,108	10,292	1.8	10,478	10,497	0.2	96.5	98.0	1.6	93.0
Eugene, OR	12,236	12,743	4.1	12,259	12,370	0.9	99.8	103.0	3.2	97.7
Evansville, IN-KY	12,250	12,674	3.5	12,799	13,304	3.9	95.7	95.3	-0.5	90.4
Fairbanks, AK	4,453	4,556	2.3	4,091	4,046	-1.1	108.8	112.6	3.4	106.8
Fargo, ND-MN	9,262	10,033	8.3	9,728	10,179	4.6	95.2	98.6	3.5	93.5
Farmington, NM	4,103	4,253	3.7	4,327	4,356	0.7	94.8	97.6	3.0	92.7
Fayetteville, NC	16,102	16,455	2.2	16,795	17,064	1.6	95.9	96.4	0.6	91.5
Fayetteville-Springdale-Rogers, AR-MO	16,383	17,348	5.9	17,421	18,234	4.7	94.0	95.1	1.2	90.3
Flagstaff, AZ	4,617	4,736	2.6	4,572	4,565	-0.1	101.0	103.7	2.7	98.4
Flint, MI	13,264	13,565	2.3	13,417	13,726	2.3	98.9	98.8	0.0	93.8
Florence, SC	6,889	7,099	3.0	7,565	7,875	4.1	91.1	90.1	-1.0	85.5
Florence-Muscle Shoals, AL	4,741	4,887	3.1	5,183	5,487	5.9	91.5	89.1	-2.6	84.5
Fond du Lac, WI	3,849	4,019	4.4	4,326	4,444	2.7	89.0	90.4	1.6	85.8
Fort Collins, CO	12,201	12,827	5.1	11,954	12,140	1.6	102.1	105.7	3.5	100.3
Fort Smith, AR-OK	9,171	9,503	3.6	10,078	10,539	4.6	91.0	90.2	-0.9	85.6
Fort Wayne, IN	14,930	15,687	5.1	15,815	16,343	3.3	94.4	96.0	1.7	91.1
Fresno, CA	31,174	32,298	3.6	31,027	31,392	1.2	100.5	102.9	2.4	97.6
Gadsden, AL	3,322	3,415	2.8	3,618	3,826	5.7	91.8	89.3	-2.8	84.7
Gainesville, FL	9,819	10,205	3.9	9,794	10,055	2.7	100.3	101.5	1.2	96.3
			2.9	·					2.7	
Gainesville, GA	5,908	6,080		6,353	6,367	0.2 1.2	93.0	95.5	1.9	90.6
Gettysburg, PA	3,516	3,625	3.1	3,545	3,588		99.2	101.0		95.9
Glens Falls, NY	4,979	5,146	3.4	4,941	4,999	1.2	100.8	102.9	2.2	97.7
Goldsboro, NC	3,963	4,177	5.4	4,283	4,569	6.7	92.5	91.4	-1.2	86.8
Grand Forks, ND-MN	3,932	4,343	10.5	4,140	4,441	7.3	95.0	97.8	3.0	92.8
Grand Island, NE	3,293	3,455	4.9	3,811	3,872	1.6	86.4	89.2	3.3	84.7
Grand Junction, CO	5,115	5,282	3.3	5,169	5,269	1.9	98.9	100.2	1.3	95.1
Grand Rapids-Wyoming, MI	35,718	37,474	4.9	37,363	38,509	3.1	95.6	97.3	1.8	92.3
Grants Pass, OR	2,515	2,601	3.4	2,597	2,634	1.4	96.8	98.8	2.0	93.7
Great Falls, MT	3,225	3,336	3.5	3,359	3,358	0.0	96.0	99.3	3.5	94.3
Greeley, CO	7,854	8,348	6.3	7,862	8,112	3.2	99.9	102.9	3.0	97.6
Green Bay, WI	12,504	12,944	3.5	13,146	13,339	1.5	95.1	97.0	2.0	92.1
Greensboro-High Point, NC	25,857	26,973	4.3	27,402	28,323	3.4	94.4	95.2	0.9	90.4
Greenville, NC	5,775	6,168	6.8	6,078	6,623	9.0	95.0	93.1	-2.0	88.4
Greenville-Anderson-Mauldin, SC	29,056	30,086	3.5	30,554	31,419	2.8	95.1	95.8	0.7	90.9
Gulfport-Biloxi-Pascagoula, MS	13,300	13,456	1.2	13,861	14,088	1.6	95.9	95.5	-0.5	90.6
Hagerstown-Martinsburg, MD-WV	9,041	9,276	2.6	8,489	8,577	1.0	106.5	108.2	1.6	102.6
Hammond, LA	3,926	4,035	2.8	4,287	4,308	0.5	91.6	93.7	2.3	88.9
Hanford-Corcoran, CA	4,827	4,819	-0.2	4,898	4,787	-2.3	98.6	100.7	2.1	95.5
Harrisburg-Carlisle, PA	23,869	24,665	3.3	23,829	24,223	1.7	100.2	101.8	1.7	96.6
Harrisonburg, VA	4,054	4,236	4.5	4,262	4,365	2.4	95.1	97.0	2.0	92.1
Hartford-West Hartford-East Hartford, CT	63,597	65,910	3.6	60,971	61,954	1.6	104.3	106.4	2.0	100.9
Hattiesburg, MS	4,553	4,780	5.0	5,104	5,351	4.8	89.2	89.3	0.1	84.8
Hickory-Lenoir-Morganton, NC	11,311	11,725	3.7	12,113	12,500	3.2	93.4	93.8	0.4	89.0
Hilton Head Island-Bluffton-Beaufort, SC	7,581	7,921	4.5	7,968	8,174	2.6	95.1	96.9	1.9	91.9
Hinesville, GA	2,267	2,311	1.9	2,405	2,380	-1.0	94.3	97.1	3.0	92.1
Homosassa Springs, FL	4,619	4,764	3.1	4,984	5,040	1.1	92.7	94.5	2.0	89.7
Hot Springs, AR	3,418	3,566	4.3	3,779	3,962	4.9	90.5	90.0	-0.5	85.4
Houma-Thibodaux, LA	8,677	9,116	5.1	9,091	9,339	2.7	95.4	97.6	2.3	92.6
Houston-The Woodlands-Sugar Land, TX	295,382	315,056	6.7	282,692	296,824	5.0	104.5	106.1	1.6	100.7

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		sonal Income Ilions of dollars			Personal Income chained (2008) de	ollars	Implicit	Regional Prio		Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Huntington-Ashland, WV-KY-OH	12,425	12,785	2.9	13,414	13,989	4.3	92.6	91.4	-1.3	86.7
Huntsville, AL	17,423	17,917	2.8	18,211	18,626	2.3	95.7	96.2	0.5	91.3
Idaho Falls, ID	4,683	4,803	2.6	4,943	5,001	1.2	94.7	96.0	1.4	91.1
Indianapolis-Carmel-Anderson, IN	77,294	81,676	5.7	79,323	82,497	4.0	97.4	99.0	1.6	93.9
Iowa City, IA	6,779	7,155	5.5	6,917	7,082	2.4	98.0	101.0	3.1	95.9
Ithaca, NY	3,824	3,984	4.2	3,617	3,624	0.2	105.7	110.0	4.0	104.3
Jackson, MI	5,098	5,237	2.7	5,400	5,467	1.2	94.4	95.8	1.5	90.9
Jackson, MS	21,721	22,786	4.9	22,649	23,626	4.3	95.9	96.4	0.6	91.5
Jackson, TN	4,580	4,790	4.6	5,159	5,576	8.1	88.8	85.9	-3.2	81.5
Jacksonville, FL	55,394	57,731	4.2	55,270	56,907	3.0	100.2	101.4	1.2	96.3
Jacksonville, NC	8,236	8,422	2.3	8,298	8,324	0.3	99.3	101.2	1.9	96.0
Janesville-Beloit, WI	5,487	5,752	4.8	5,688	5,883	3.4	96.5	97.8	1.3	92.8
Jefferson City, MO	5,401	5,486	1.6	6,343	6,446	1.6	85.1	85.1	0.0	80.8
Johnson City, TN	6,708	6,940	3.5	7,292	7,457	2.3	92.0	93.1	1.2	88.3
Johnstown, PA	4,956	5,043	1.8	5,344	5,490	2.7	92.7	91.9	-0.9	87.2
Jonesboro, AR	4,032	4,250	5.4	4,627	4,935	6.7	87.2	86.1	-1.2	81.7
Joplin, MO	5,594	5,777	3.3	5,993	6,243	4.2	93.3	92.5	-0.9	87.8
Kahului-Wailuku-Lahaina, HI	5,767	6,002	4.1	4,943	5,044	2.0	116.7	119.0	2.0	112.9
Kalamazoo-Portage, MI	11,802	12,184	3.2	12,329	12,470	1.1	95.7	97.7	2.0	92.7
- '	·		3.7	·		3.3	104.1	104.4	0.3	99.1
Kankakee, IL	3,815	3,956		3,665	3,788					
Kansas City, MO-KS	87,741	91,266	4.0	90,626	93,377	3.0	96.8	97.7	1.0	92.7
Kennewick-Richland, WA	10,072	9,954	-1.2	10,105	9,725	-3.8	99.7	102.4	2.7	97.1
Killeen-Temple, TX	16,343	16,592	1.5	16,849	17,031	1.1	97.0	97.4	0.4	92.4
Kingsport-Bristol-Bristol, TN-VA	10,424	10,807	3.7	11,465	11,796	2.9	90.9	91.6	0.8	86.9
Kingston, NY	7,599	7,806	2.7	7,164	7,216	0.7	106.1	108.2	2.0	102.6
Knoxville, TN	30,808	32,122	4.3	32,346	33,265	2.8	95.2	96.6	1.4	91.6
Kokomo, IN	2,702	2,826	4.6	2,890	3,039	5.1	93.5	93.0	-0.5	88.2
La Crosse-Onalaska, WI-MN	5,304	5,523	4.1	5,495	5,594	1.8	96.5	98.7	2.3	93.7
Lafayette, LA	19,237	20,423	6.2	20,134	21,108	4.8	95.5	96.8	1.3	91.8
Lafayette-West Lafayette, IN	6,682	6,981	4.5	6,888	7,054	2.4	97.0	99.0	2.0	93.9
Lake Charles, LA	7,134	7,490	5.0	7,640	8,030	5.1	93.4	93.3	-0.1	88.5
Lake Havasu City-Kingman, AZ	5,373	5,535	3.0	5,504	5,601	1.8	97.6	98.8	1.2	93.8
Lakeland-Winter Haven, FL	21,118	22,025	4.3	21,508	22,253	3.5	98.2	99.0	0.8	93.9
Lancaster, PA	20,437	21,119	3.3	20,385	20,336	-0.2	100.3	103.9	3.6	98.5
Lansing-East Lansing, MI	16,162	16,515	2.2	16,609	16,595	-0.1	97.3	99.5	2.3	94.4
Laredo, TX	6,530	6,770	3.7	6,871	7,223	5.1	95.0	93.7	-1.4	88.9
Las Cruces, NM	6,492	6,618	1.9	6,775	6,790	0.2	95.8	97.5	1.7	92.5
Las Vegas-Henderson-Paradise, NV	70,641	73,379	3.9	68,214	70,132	2.8	103.6	104.6	1.0	99.3
Lawrence, KS	3,959	4,100	3.6	3,997	4,075	1.9	99.0	100.6	1.6	95.5
Lawton, OK	4,877	4,903	0.5	5,108	5,087	-0.4	95.5	96.4	0.9	91.5
Lebanon, PA	5,433	5,582	2.7	5,547	5,581	0.6	97.9	100.0	2.1	94.9
Lewiston, ID-WA	2,208	2,277	3.1	2,353	2,357	0.2	93.9	96.6	2.9	91.7
Lewiston-Auburn, ME	3,894	3,983	2.3	4,002	3,977	-0.6	97.3	100.2	2.9	95.0
Lexington-Fayette, KY	18,600	19,365	4.1	19,432	19,940	2.6	95.7	97.1	1.5	92.2
Lima, OH	3,387	3,474	2.6	3,657	3,703	1.2	92.6	93.8	1.3	89.0
Lincoln, NE	12,268	12,905	5.2	12,912	13,184	2.1	95.0	97.9	3.0	92.9
Little Rock-North Little Rock-Conway, AR	28,684	29,899	4.2	29,754	31,145	4.7	96.4	96.0	-0.4	91.1
Logan, UT-ID	3,659	3,752	2.5	3,866	3,919	1.4	94.6	95.7	1.2	90.8
Longview, TX	8,586	9,089	5.9	9,034	9,389	3.9	95.0	96.8	1.8	91.9
Longview, WA	3,407	3,556	4.4	3,560	3,585	0.7	95.7	99.2	3.6	94.1
Los Angeles-Long Beach-Anaheim, CA	579,532	604,832	4.4	485,327	485,464	0.0	119.4	124.6	4.3	118.2
Louisville/Jefferson County, KY-IN	48,847	51,268	5.0	51,510	53,496	3.9	94.8	95.8	1.1	90.9
, NI III	10,047	31,200	5.0	31,310	33,430	5.5	3 7.0	33.0	1	50.5

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		sonal Income Ilions of dollars			Personal Income chained (2008) d	ollars	Implicit	Regional Prio (2008=100		Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Lynchburg, VA	8,722	8,999	3.2	9,164	9,421	2.8	95.2	95.5	0.4	90.6
Macon, GA	8,386	8,582	2.3	8,897	9,258	4.1	94.3	92.7	-1.6	88.0
Madera, CA	4,531	4,745	4.7	4,581	4,672	2.0	98.9	101.6	2.7	96.4
Madison, WI	28,535	29,813	4.5	28,589	28,909	1.1	99.8	103.1	3.3	97.9
Manchester-Nashua, NH	19,758	20,471	3.6	17,660	17,829	1.0	111.9	114.8	2.6	108.9
Manhattan, KS	4,104	4,153	1.2	4,344	4,289	-1.3	94.5	96.8	2.5	91.9
Mankato-North Mankato, MN	3,704	3,926	6.0	4,103	4,219	2.8	90.3	93.1	3.1	88.3
Mansfield, OH	3,896	3,979	2.1	4,211	4,253	1.0	92.5	93.6	1.1	88.8
McAllen-Edinburg-Mission, TX	17,573	18,067	2.8	19,377	20,170	4.1	90.7	89.6	-1.2	85.0
Medford, OR	7,146	7,490	4.8	7,128	7,252	1.7	100.3	103.3	3.0	98.0
Memphis, TN-MS-AR	51,518	54,054	4.9	53,050	55,679	5.0	97.1	97.1	0.0	92.1
Merced, CA	7,798	8,034	3.0	7,919	7,962	0.5	98.5	100.9	2.5	95.8
Miami-Fort Lauderdale-West Palm Beach, FL	245,185	254,838	3.9	228,178	230,294	0.9	107.5	110.7	3.0	105.0
Michigan City-La Porte, IN	3,563	3,716	4.3	4,049	4,175	3.1	88.0	89.0	1.1	84.4
Midland, MI	3,759	3,807	1.3	4,205	4,159	-1.1	89.4	91.6	2.4	86.9
Midland, TX	11,233	12,595	12.1	11,138	12,209	9.6	100.9	103.2	2.3	97.9
Milwaukee-Waukesha-West Allis, WI	71,010	73,558	3.6	72,487	73,289	1.1	98.0	100.4	2.5	95.2
Minneapolis-St. Paul-Bloomington, MN-WI	165,580	172,004	3.9	157,506	158,436	0.6	105.1	108.6	3.3	103.0
Missoula, MT	3,892	4,060	4.3	3,966	3,994	0.7	98.1	101.7	3.6	96.5
Mobile, AL	13,460	13,565	0.8	14,147	14,594	3.2	95.1	93.0	-2.3	88.2
Modesto, CA	17,095	17,811	4.2	16,716	17,062	2.1	102.3	104.4	2.1	99.1
Monroe, LA	6,033	6,308	4.6	6,501	6,860	5.5	92.8	92.0	-0.9	87.3
Monroe, MI	5,492	5,800	5.6	5,435	5,693	4.7	101.1	101.9	0.8	96.7
Montgomery, AL	14,023	14,296	1.9	14,577	15,054	3.3	96.2	95.0	-1.3	90.1
Morgantown, WV	4,726	4,954	4.8	5,107	5,314	4.1	92.6	93.2	0.7	88.5
Morristown, TN	3,448	3,554	3.1	4,000	4,087	2.2	86.2	87.0	0.9	82.5
Mount Vernon-Anacortes, WA	4,608	4,783	3.8	4,545	4,599	1.2	101.4	104.0	2.6	98.7
Muncie, IN	3,611	3,793	5.0	3,860	4,013	3.9	93.5	94.5	1.1	89.7
Muskegon, MI	5,234	5,392	3.0	5,577	5,747	3.1	93.9	93.8	0.0	89.0
Myrtle Beach-Conway-North Myrtle Beach, SC	12,032	12,498	3.9	12,284	12,709	3.5	97.9	98.3	0.4	93.3
Napa, CA	7,082	7,621	7.6	5,891	6,104	3.6	120.2	124.8	3.9	118.5
Naples-Immokalee-Marco Island, FL	19,321	20,075	3.9	18,970	19,251	1.5	101.8	104.3	2.4	99.0
Nashville-DavidsonMurfreesboroFranklin, 1	72,398	78,069	7.8	74,228	78,706	6.0	97.5	99.2	1.7	94.1
New Bern, NC	4,779	5,016	5.0	5,356	5,500	2.7	89.2	91.2	2.2	86.5
New Haven-Milford, CT	42,362	44,028	3.9	35,707	36,800	3.1	118.6	119.6	0.8	113.5
New Orleans-Metairie, LA	52,183	53,914	3.3	51,613	52,895	2.5	101.1	101.9	0.8	96.7
New York-Newark-Jersey City, NY-NJ-PA	1,123,064	1,158,247	3.1	890,753	899,654	1.0	126.1	128.7	2.1	122.2
Niles-Benton Harbor, MI	5,798	5,894	1.7	6,157	6,208	0.8	94.2	94.9	0.8	90.1
North Port-Sarasota-Bradenton, FL	34,324	35,784	4.3	33,872	34,366	1.5	101.3	104.1	2.8	98.8
Norwich-New London, CT	13,204	13,563	2.7	12,625	12,704	0.6	104.6	106.8	2.1	101.3
Ocala, FL	11,472	11,921	3.9	11,802	12,297	4.2	97.2	96.9	-0.3	92.0
Ocean City, NJ	4,895	5,034	2.8	4,304	4,392	2.0	113.7	114.6	0.8	108.8
Odessa, TX	5,526	6,162	11.5	5,661	6,241	10.2	97.6	98.7	1.2	93.7
Ogden-Clearfield, UT	20,997	22,038	5.0	21,134	21,703	2.7	99.4	101.5	2.2	96.4
Oklahoma City, OK	53,223	56,197	5.6	55,306	57,753	4.4	96.2	97.3	1.1	92.3
Olympia-Tumwater, WA	10,967	11,361	3.6	10,241	10,309	0.7	107.1	110.2	2.9	104.6
Omaha-Council Bluffs, NE-IA	39,228	41,248	5.1	40,275	41,485	3.0	97.4	99.4	2.1	94.3
Orlando-Kissimmee-Sanford, FL	77,138	80,969	5.0	75,787	78,421	3.5	101.8	103.2	1.4	98.0
Oshkosh-Neenah, WI	6,622	6,848	3.4	6,929	7,025	1.4	95.6	97.5	2.0	92.5
Owensboro, KY	4,106	4,252	3.5	4,478	4,651	3.9	91.7	91.4	-0.3	86.7
Oxnard-Thousand Oaks-Ventura, CA	39,295	40,827	3.9	33,847	33,803	-0.1	116.1	120.8	4.0	114.6
Palm Bay-Melbourne-Titusville, FL	21,241	21,766	2.5	21,491	21,566	0.3	98.8	100.9	2.1	95.8
Panama City, FL	6,870	6,987	1.7	6,831	6,886	0.8	100.6	101.5	0.9	96.3

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		sonal Income llions of dollars			Personal Income chained (2008) d	ollars	Implicit	Regional Prio (2008=100		Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Parkersburg-Vienna, WV	2,984	3,118	4.5	3,205	3,402	6.1	93.1	91.6	-1.6	87.0
Pensacola-Ferry Pass-Brent, FL	16,735	17,314	3.5	17,062	17,384	1.9	98.1	99.6	1.5	94.5
Peoria, IL	16,764	17,657	5.3	17,562	18,319	4.3	95.5	96.4	1.0	91.5
Philadelphia-Camden-Wilmington, PA-NJ-DE-N	300,996	310,081	3.0	268,938	269,888	0.4	111.9	114.9	2.7	109.0
Phoenix-Mesa-Scottsdale, AZ	158,054	164,547	4.1	153,144	156,533	2.2	103.2	105.1	1.9	99.7
Pine Bluff, AR	3,065	3,194	4.2	3,345	3,553	6.2	91.6	89.9	-1.9	85.3
Pittsburgh, PA	108,840	112,990	3.8	112,308	114,759	2.2	96.9	98.5	1.6	93.4
Pittsfield, MA	5,931	6,102	2.9	5,955	5,993	0.6	99.6	101.8	2.2	96.6
Pocatello, ID	2,467	2,512	1.8	2,630	2,635	0.2	93.8	95.3	1.6	90.5
Port St. Lucie, FL	16,320	16,908	3.6	16,401	16,756	2.2	99.5	100.9	1.4	95.8
Portland-South Portland, ME	22,897	23,705	3.5	22,091	22,309	1.0	103.6	106.3	2.5	100.8
Portland-Vancouver-Hillsboro, OR-WA	93,406	98,698	5.7	90,888	93,208	2.6	102.8	105.9	3.0	100.5
Prescott, AZ	6,449	6,723	4.3	6,580	6,623	0.6	98.0	101.5	3.6	96.3
Providence-Warwick, RI-MA	70,561	72,690	3.0	67,878	69,107	1.8	104.0	105.2	1.2	99.8
Provo-Orem, UT	14,305	15,197	6.2	14,359	14,882	3.6	99.6	102.1	2.5	96.9
Pueblo, CO	5,140	5,343	4.0	5,293	5,489	3.7	97.1	97.3	0.2	92.4
Punta Gorda, FL	5,766	6,005	4.1	5,879	5,978	1.7	98.1	100.5	2.4	95.3
Racine, WI	7,658	7,891	3.0	7,937	8,015	1.0	96.5	98.5	2.0	93.4
Raleigh, NC	47,992	50,763	5.8	48,628	50,609	4.1	98.7	100.3	1.6	95.2
Rapid City, SD	5,684	5,920	4.2	6,047	6,081	0.6	94.0	97.3	3.6	92.4
Reading, PA	16,225	16,727	3.1	16,218	16,397	1.1	100.0	102.0	2.0	96.8
Redding, CA	6,499	6,714	3.3	6,397	6,461	1.0	101.6	103.9	2.3	98.6
Reno, NV	18,258	18,793	2.9	17,737	17,930	1.1	102.9	104.8	1.8	99.5
Richmond, VA	53,462	55,678	4.1	53,633	54,812	2.2	99.7	101.6	1.9	96.4
Riverside-San Bernardino-Ontario, CA	133,772	138,767	3.7	123,217	123,856	0.5	108.6	112.0	3.2	106.3
Roanoke, VA	12,173	12,643	3.9	12,825	13,144	2.5	94.9	96.2	1.4	91.3
Rochester, MN	9,140	9,579	4.8	9,467	9,700	2.5	96.5	98.8	2.3	93.7
Rochester, NY	45,787	47,382	3.5	45,473	46,027	1.2	100.7	102.9	2.2	97.7
Rockford, IL	12,164	12,580	3.4	12,591	12,994	3.2	96.6	96.8	0.2	91.9
Rocky Mount, NC	4,826	4,999	3.6	5,114	5,463	6.8	94.4	91.5	-3.0	86.8
Rome, GA	3,204	3,292	2.7	3,571	3,798	6.3	89.7	86.7	-3.4	82.2
SacramentoRosevilleArden-Arcade, CA	93,793	98,054	4.5	89,485	90,870	1.5	104.8	107.9	2.9	102.4
Saginaw, MI	6,459	6,561	1.6	6,808	6,963	2.3	94.9	94.2	-0.7	89.4
Salem, OR	13,312	13,757	3.3	13,366	13,492	0.9	99.6	102.0	2.4	96.8
Salinas, CA	17,668	18,365	3.9	16,280	16,264	-0.1	108.5	112.9	4.0	107.1
Salisbury, MD-DE	14,144	14,689	3.9	14,901	15,488	3.9	94.9	94.8	-0.1	90.0
Salt Lake City, UT	43,045	45,425	5.5	42,284	43,493	2.9	101.8	104.4	2.6	99.1
San Angelo, TX	4,403	4,561	3.6	4,607	4,701	2.0	95.6	97.0	1.5	92.1
San Antonio-New Braunfels, TX	83,555	87,169	4.3	85,756	88,099	2.7	97.4	98.9	1.6	93.9
San Diego-Carlsbad, CA	150,841	157,961	4.7	126,299	125,992	-0.2	119.4	125.4	5.0	119.0
San Francisco-Oakland-Hayward, CA	276,804	296,700	7.2	225,469	232,158	3.0	122.8	127.8	4.1	121.3
San Jose-Sunnyvale-Santa Clara, CA	115,499	124,422	7.7	94,000	96,794	3.0	122.9	128.5	4.6	122.0
San Luis Obispo-Paso Robles-Arroyo Grande, C	A 11,503	12,008	4.4	10,609	10,664	0.5	108.4	112.6	3.8	106.9
Santa Cruz-Watsonville, CA	13,285	13,990	5.3	10,940	10,936	0.0	121.4	127.9	5.4	121.4
Santa Fe, NM	6,261	6,455	3.1	6,114	6,173	1.0	102.4	104.6	2.1	99.2
Santa Maria-Santa Barbara, CA	19,690	20,641	4.8	17,857	18,094	1.3	110.3	114.1	3.5	108.2
Santa Rosa, CA	22,357	23,548	5.3	18,741	18,903	0.9	119.3	124.6	4.4	118.2
Savannah, GA	14,343	14,730	2.7	14,444	14,722	1.9	99.3	100.1	0.8	94.9
ScrantonWilkes-BarreHazleton, PA	21,535	22,039	2.3	22,213	22,718	2.3	97.0	97.0	0.1	92.1
Seattle-Tacoma-Bellevue, WA	179,262	189,431	5.7	163,295	167,982	2.9	109.8	112.8	2.7	107.0
Sebastian-Vero Beach, FL	7,091	7,430	4.8	7,496	7,679	2.4	94.6	96.8	2.3	91.8
Sebring, FL	2,991	3,049	1.9	3,228	3,226	-0.1	92.7	94.5	2.0	89.7
Sheboygan, WI	4,927	5,150	4.5	5,200	5,366	3.2	94.7	96.0	1.3	91.1

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

		sonal Income llions of dollars			Personal Income chained (2008) d	ollars	Implicit	Regional Prio		Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Sherman-Denison, TX	4,075	4,226	3.7	4,244	4,382	3.2	96.0	96.4	0.4	91.5
Shreveport-Bossier City, LA	17,884	18,439	3.1	18,670	19,193	2.8	95.8	96.1	0.3	91.2
Sierra Vista-Douglas, AZ	4,838	4,838	0.0	4,962	4,877	-1.7	97.5	99.2	1.7	94.1
Sioux City, IA-NE-SD	6,802	7,008	3.0	7,320	7,380	0.8	92.9	95.0	2.2	90.1
Sioux Falls, SD	10,769	11,164	3.7	11,362	11,364	0.0	94.8	98.2	3.7	93.2
South Bend-Mishawaka, IN-MI	11,582	12,083	4.3	12,277	12,600	2.6	94.3	95.9	1.7	91.0
Spartanburg, SC	10,084	10,392	3.1	10,860	11,149	2.7	92.9	93.2	0.4	88.4
Spokane-Spokane Valley, WA	18,987	19,650	3.5	19,241	19,436	1.0	98.7	101.1	2.5	95.9
Springfield, IL	8,658	8,820	1.9	8,968	9,061	1.0	96.5	97.3	0.8	92.4
Springfield, MA	25,529	26,466	3.7	25,410	25,934	2.1	100.5	102.1	1.6	96.8
Springfield, MO	14,407	15,092	4.7	15,465	16,060	3.8	93.2	94.0	0.9	89.2
Springfield, OH	4,906	5,018	2.3	5,190	5,325	2.6	94.5	94.2	-0.3	89.4
St. Cloud, MN	6,857	7,192	4.9	7,236	7,341	1.5	94.8	98.0	3.4	93.0
St. George, UT	3,951	4,141	4.8	4,051	4,130	1.9	97.5	100.3	2.8	95.2
St. Joseph, MO-KS	4,460	4,614	3.4	4,783	4,971	3.9	93.3	92.8	-0.5	88.1
St. Louis, MO-IL	120,030	124,763	3.9	128,937	133,109	3.2	93.1	93.7	0.7	88.9
State College, PA	6,135	6,345	3.4	6,033	5,891	-2.4	101.7	107.7	5.9	102.2
Staunton-Waynesboro, VA	4,152	4,344	4.6	4,514	4,597	1.9	92.0	94.5	2.7	89.7
Stockton-Lodi, CA	22,369	23,203	3.7	21,597	21,896	1.4	103.6	106.0	2.3	100.6
Sumter, SC	3,405	3,563	4.6	3,657	3,801	4.0	93.1	93.7	0.6	88.9
Syracuse, NY	26,678	27,610	3.5	26,825	27,314	1.8	99.5	101.1	1.6	95.9
Tallahassee, FL	13,681	14,032	2.6	13,718	13,999	2.0	99.7	100.2	0.5	95.1
Tampa-St. Petersburg-Clearwater, FL	111,325	116,166	4.3	108,475	110,941	2.3	102.6	104.7	2.0	99.4
Terre Haute, IN	5,526	5,774	4.5	5,880	6,202	5.5	94.0	93.1	-0.9	88.3
Texarkana, TX-AR	5,079	5,212	2.6	5,468	5,548	1.5	92.9	93.9	1.1	89.1
The Villages, FL	3,319	3,560	7.3	3,581	3,766	5.2	92.7	94.5	2.0	89.7
Toledo, OH	22,397	22,944	2.4	23,877	24,253	1.6	93.8	94.6	0.9	89.8
Topeka, KS	9,185	9,413	2.5	9,724	9,961	2.4	94.5	94.5	0.0	89.7
Trenton, NJ	19,567	20,519	4.9	16,717	17,459	4.4	117.0	117.5	0.4	111.5
Tucson, AZ	34,932	36,059	3.2	34,866	35,275	1.2	100.2	102.2	2.0	97.0
Tulsa, OK	41,077	43,167	5.1	42,981	44,947	4.6	95.6	96.0	0.5	91.1
Tuscaloosa, AL	7,876	8,138	3.3	8,294	8,713	5.1	95.0	93.4	-1.6	88.6
Tyler, TX	8,554	8,889	3.9	8,677	8,906	2.6	98.6	99.8	1.3	94.7
Urban Honolulu, HI	45,663	47,382	3.8	36,494	36,583	0.2	125.1	129.5	3.5	122.9
Utica-Rome, NY	11,104	11,311	1.9	11,360	11,538	1.6	97.7	98.0	0.3	93.0
Valdosta, GA	4,502	4,673	3.8	5,072	5,320	4.9	88.8	87.8	-1.0	83.3
Vallejo-Fairfield, CA	16,560	17,821	7.6	13,985	14,539	4.0	118.4	122.6	3.5	116.3
Victoria, TX	3,945	4,226	7.1	4,135	4,422	7.0	95.4	95.6	0.2	90.7
Vineland-Bridgeton, NJ	5,590	5,767	3.2	5,066	5,210	2.8	110.3	110.7	0.3	105.0
Virginia Beach-Norfolk-Newport News, VA-NC	72,627	75,342	3.7	70,647	71,962	1.9	102.8	104.7	1.8	99.3
Visalia-Porterville, CA	13,898	14,150	1.8	14,123	14,048	-0.5	98.4	100.7	2.4	95.6
Waco, TX	8,584	8,883	3.5	8,977	9,197	2.4	95.6	96.6	1.0	91.6
Walla Walla, WA	2,373	2,388	0.6	2,410	2,370	-1.6	98.5	100.8	2.3	95.6
Warner Robins, GA	6,453	6,613	2.5	6,766	6,899	2.0	95.4	95.9	0.5	91.0
Washington-Arlington-Alexandria, DC-VA-MD-	351,085	361,836	3.1	287,430	285,079	-0.8	122.1	126.9	3.9	120.4
Waterloo-Cedar Falls, IA	6,659	6,976	4.8	7,105	7,226	1.7	93.7	96.5	3.0	91.6
Watertown-Fort Drum, NY	5,348	5,328	-0.4	5,417	5,280	-2.5	98.7	100.9	2.2	95.7
Wausau, WI	5,119	5,308	3.7	5,370	5,449	1.5	95.3	97.4	2.2	92.4
Weirton-Steubenville, WV-OH	3,932	4,050	3.0	4,255	4,426	4.0	92.4	91.5	-1.0	86.8
Wenatchee, WA	4,041	4,190	3.7	4,161	4,129	-0.8	97.1	101.5	4.5	96.3
Wheeling, WV-OH	5,054	5,290	4.7	5,540	5,820	5.0	91.2	90.9	-0.4	86.3
Wichita Falls, TX	5,886	6,090	3.5	6,234	6,349	1.8	94.4	95.9	1.6	91.0
Wichita, KS	25,358	26,177	3.2	26,590	27,221	2.4	95.4	96.2	0.8	91.3

Appendix Table 4. Real Personal Income and Implicit Regional Price Deflators by Metropolitan Area, 2011 and 2012

	Personal Income Millions of dollars				Personal Income chained (2008) de	ollars	Implicit Regional Price Deflators (2008=100)			Regional Price Parities
	2011	2012	Percent growth	2011	2012	Percent growth	2011	2012	Percent growth	2012
Williamsport, PA	4,298	4,480	4.3	4,481	4,578	2.2	95.9	97.9	2.0	92.9
Wilmington, NC	9,322	9,619	3.2	9,594	9,716	1.3	97.2	99.0	1.9	93.9
Winchester, VA-WV	4,641	4,838	4.2	4,899	4,998	2.0	94.7	96.8	2.2	91.9
Winston-Salem, NC	23,241	24,370	4.9	24,486	25,439	3.9	94.9	95.8	0.9	90.9
Worcester, MA-CT	41,926	43,326	3.3	38,619	38,982	0.9	108.6	111.1	2.4	105.5
Yakima, WA	8,311	8,567	3.1	8,513	8,572	0.7	97.6	99.9	2.4	94.8
York-Hanover, PA	17,188	17,568	2.2	17,264	17,316	0.3	99.6	101.5	1.9	96.3
Youngstown-Warren-Boardman, OH-PA	19,308	19,682	1.9	20,735	21,010	1.3	93.1	93.7	0.6	88.9
Yuba City, CA	5,606	5,838	4.2	5,605	5,635	0.5	100.0	103.6	3.6	98.3
Yuma, AZ	5,487	5,400	-1.6	5,553	5,490	-1.1	98.8	98.4	-0.5	93.3
United States nonmetropolitan portion	1,574,840	1,633,732	3.7	1,708,781	1,763,271	3.2	92.2	92.7	0.5	87.9
United States	13,179,561	13,729,063	4.2	12,670,133	12,958,961	2.3	104.0	105.9	1.8	100.0
Maximum	13,179,561	13,729,063	12.1	12,670,133	12,958,961	10.2	126.4	129.5	5.9	122.9
Minimum	2,208	2,277	-1.6	2,226	2,243	-3.8	85.1	83.7	-3.6	79.4
Range	13,177,353	13,726,786	13.7	12,667,907	12,956,717	14.0	41.3	45.8	9.5	43.5

Note: The maximum and the minimum only include metropolitan areas.

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capit	a Personal Incom Dollars	ne	· ·	ita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Abilene, TX	36,459	37,918	4.0	38,202	39,378	3.1
Akron, OH	40,354	41,981	4.0	43,726	45,068	3.1
Albany, GA	32,642	33,956	4.0	35,245	37,850	7.4
Albany, OR	29,882	30,984	3.7	30,862	31,375	1.7
Albany-Schenectady-Troy, NY	46,599	47,763	2.5	45,398	45,724	0.7
Albuquerque, NM	35,529	36,272	2.1	35,749	35,647	-0.3
Alexandria, LA	35,974	37,442	4.1	38,479	40,522	5.3
Allentown-Bethlehem-Easton, PA-NJ	41,469	42,865	3.4	39,979	40,699	1.8
Altoona, PA	35,853	36,570	2.0	37,759	37,964	0.5
Amarillo, TX	37,464	38,340	2.3	38,975	39,190	0.6
Ames, IA	42,134	44,568	5.8	46,467	47,697	2.6
Anchorage, AK	50,796	52,360	3.1	44,979	44,811	-0.4
Ann Arbor, MI	41,247	43,202	4.7	39,320	40,130	2.1
Anniston-Oxford-Jacksonville, AL	32,401	32,883	1.5	35,473	36,782	3.7
Appleton, WI	40,077	41,799	4.3	41,548	42,491	2.3
Asheville, NC	34,775	36,125	3.9	36,548	37,272	2.0
Athens-Clarke County, GA	32,000	33,073	3.4	33,537	34,168	1.9
Atlanta-Sandy Springs-Roswell, GA	39,884	40,963	2.7	39,860	40,647	2.0
Atlantic City-Hammonton, NJ	41,187	42,099	2.2	36,440	36,851	1.1
Auburn-Opelika, AL	29,653	30,236	2.0	32,307	32,992	2.1
Augusta-Richmond County, GA-SC	35,254	35,949	2.0	37,107	37,985	2.4
Austin-Round Rock, TX	41,651	42,902	3.0	40,978	41,339	0.9
Bakersfield, CA	32,769	34,453	5.1	32,766	33,597	2.5
Baltimore-Columbia-Towson, MD	52,413	54,201	3.4	46,048	47,031	2.1
Bangor, ME	34,790	35,860	3.1	35,150	35,066	-0.2
Barnstable Town, MA	57,844	60,238	4.1	54,998	55,995	1.8
Baton Rouge, LA	38,614	40,245	4.2	39,832	40,983	2.9
Battle Creek, MI	34,267	35,623	4.0	36,238	37,337	3.0
Bay City, MI	34,123	34,757	1.9	36,285	37,119	2.3
Beaumont-Port Arthur, TX	36,876	38,374	4.1	38,767	40,200	3.7
Beckley, WV	34,308	35,389	3.2	38,905	39,130	0.6
Bellingham, WA	37,928	39,117	3.1	37,307	37,391	0.2
Bend-Redmond, OR	37,263	38,448	3.2	37,968	37,754	-0.6
Billings, MT	39,933	41,546	4.0	40,840	41,284	1.1
Binghamton, NY	37,292	38,365	2.9	38,175	38,079	-0.3
Birmingham-Hoover, AL	40,289	41,850	3.9	41,712	44,038	5.6
Bismarck, ND	42,999	46,262	7.6	45,427	46,704	2.8
Blacksburg-Christiansburg-Radford, VA	30,023	31,460	4.8	32,286	33,623	4.1
Bloomington, IL	42,452	43,429	2.3	43,422	43,578	0.4
Bloomington, IN	31,584	32,837	4.0	32,857	33,372	1.6
Bloomsburg-Berwick, PA	34,771	35,887	3.2	36,534	37,031	1.4
Boise City, ID	34,537	35,354	2.4	35,524	35,435	-0.3
Boston-Cambridge-Newton, MA-NH	58,561	60,387	3.1	51,120	51,362	0.5
Boulder, CO	51,554	53,772	4.3	46,875	46,836	-0.1
Bowling Green, KY	31,334			35,446	46,836 35,888	
_		32,183	2.8			1.2
Bremerton-Silverdale, WA	43,117	44,547	3.3	40,130	40,397	0.7

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capit	ta Personal Incom Dollars	ie	Real Per Cap	ita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Brownsville-Harlingen, TX	23,405	23,909	2.2	25,814	26,661	3.3
Brunswick, GA	33,428	34,478	3.1	37,139	37,996	2.3
Buffalo-Cheektowaga-Niagara Falls, NY	41,501	42,788	3.1	42,305	43,272	2.3
Burlington, NC	31,730	32,929	3.8	33,504	34,732	3.7
Burlington-South Burlington, VT	45,525	47,285	3.9	43,241	43,876	1.5
California-Lexington Park, MD	46,997	47,609	1.3	44,579	44,170	-0.9
Canton-Massillon, OH	35,896	37,115	3.4	38,358	39,407	2.7
Cape Coral-Fort Myers, FL	42,153	43,169	2.4	42,779	43,104	0.8
Cape Girardeau, MO-IL	34,292	35,545	3.7	39,532	40,758	3.1
Carbondale-Marion, IL	34,710	35,745	3.0	40,021	40,332	0.8
Carson City, NV	41,033	42,236	2.9	40,585	40,909	0.8
Casper, WY	55,608	57,522	3.4	55,543	55,828	0.5
Cedar Rapids, IA	42,678	44,131	3.4	45,112	45,895	1.7
Chambersburg-Waynesboro, PA	35,743	36,743	2.8	36,036	36,369	0.9
Champaign-Urbana, IL	37,987	39,086	2.9	39,110	39,495	1.0
Charleston, WV	40,945	42,329	3.4	43,453	44,721	2.9
Charleston-North Charleston, SC	38,818	39,444	1.6	38,799	39,090	0.8
Charlotte-Concord-Gastonia, NC-SC	38,911	40,465	4.0	39,869	40,706	2.1
Charlottesville, VA	44,748	46,667	4.3	43,745	44,671	2.1
Chattanooga, TN-GA	35,899	37,228	3.7	38,054	39,051	2.6
Cheyenne, WY	49,443	50,755	2.7	49,868	50,004	0.3
Chicago-Naperville-Elgin, IL-IN-WI	46,305	48,305	4.3	42,304	42,984	1.6
Chico, CA	34,477	35,696	3.5	33,884	33,802	-0.2
Cincinnati, OH-KY-IN	41,738	43,454	4.1	43,583	45,047	3.4
Clarksville, TN-KY	39,527	38,902	-1.6	41,690	40,627	-2.5
Cleveland, TN	31,544	33,148	5.1	35,687	37,891	6.2
Cleveland-Elyria, OH	43,010	44,775	4.1	46,646	47,631	2.1
Coeur d'Alene, ID	33,631	34,656	3.0	34,837	35,205	1.1
College Station-Bryan, TX	30,664	31,788	3.7	31,219	31,990	2.5
Colorado Springs, CO	40,105	40,980	2.2	39,601	39,431	-0.4
Columbia, MO	38,171	39,557	3.6	39,624	40,701	2.7
Columbia, SC	36,163	37,294	3.1	37,394	38,406	2.7
Columbus, GA-AL	38,589	39,216	1.6	40,404	41,793	3.4
Columbus, IN	40,417	43,419	7.4	44,603	47,209	5.8
Columbus, OH	41,048	42,728	4.1	42,119	43,208	2.6
Corpus Christi, TX	39,262	40,796	3.9	40,427	41,797	3.4
Corvallis, OR	38,439	39,880	3.7	38,773	38,864	0.2
Crestview-Fort Walton Beach-Destin, FL	42,246	43,078	2.0	42,141	42,184	0.1
Cumberland, MD-WV	33,277	34,431	3.5	35,605	37,035	4.0
	44,628	46,136		42,606	43,327	
Dallas-Fort Worth-Arlington, TX Dalton, GA	27,701	28,548	3.4 3.1	31,368	31,861	1.7 1.6
Danville, IL	32,791	33,937	3.5	37,776	40,538	7.3
Daphne-Fairhope-Foley, AL	38,115				40,538	-0.9
		38,548	1.1	41,470 45,065		
Davenport-Moline-Rock Island, IA-IL	42,836	43,847	2.4	45,065	45,196	0.3
Dayton, OH	38,736	39,891	3.0	40,513	41,596	2.7
Decatur, AL	32,185	33,127	2.9	34,859	36,162	3.7
Decatur, IL	41,021	42,287	3.1	43,356	44,757	3.2

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capi	ta Personal Incom Dollars	ne	Real Per Ca	pita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Deltona-Daytona Beach-Ormond Beach, FL	33,475	34,661	3.5	33,793	34,439	1.9
Denver-Aurora-Lakewood, CO	49,119	50,936	3.7	46,226	46,337	0.2
Des Moines-West Des Moines, IA	45,130	46,753	3.6	46,227	46,925	1.5
Detroit-Warren-Dearborn, MI	40,776	42,261	3.6	39,907	40,995	2.7
Dothan, AL	34,727	35,816	3.1	38,307	39,975	4.4
Dover, DE	35,077	36,155	3.1	35,580	36,468	2.5
Dubuque, IA	38,610	40,371	4.6	40,489	41,240	1.9
Duluth, MN-WI	37,156	38,171	2.7	38,990	39,502	1.3
Durham-Chapel Hill, NC	43,111	44,294	2.7	44,031	44,226	0.4
East Stroudsburg, PA	32,857	33,781	2.8	31,786	32,075	0.9
Eau Claire, WI	37,602	39,138	4.1	39,330	40,255	2.4
El Centro, CA	30,459	30,894	1.4	31,960	31,795	-0.5
El Paso, TX	29,315	30,186	3.0	31,356	31,544	0.6
Elizabethtown-Fort Knox, KY	38,831	38,981	0.4	43,110	42,660	-1.0
Elkhart-Goshen, IN	32,988	35,550	7.8	34,611	36,813	6.4
Elmira, NY	37,313	38,056	2.0	38,042	38,319	0.7
Erie, PA	35,972	36,671	1.9	37,288	37,403	0.3
Eugene, OR	34,614	35,941	3.8	34,681	34,891	0.6
Evansville, IN-KY	39,176	40,437	3.2	40,930	42,446	3.7
Fairbanks, AK	44,851	45,432	1.3	41,207	40,354	-2.1
Fargo, ND-MN	43,570	46,384	6.5	45,761	47,059	2.8
Farmington, NM	32,039	33,092	3.3	33,789	33,889	0.3
Fayetteville, NC	43,192	43,928	1.7	45,054	45,555	1.1
Fayetteville-Springdale-Rogers, AR-MO	34,569	35,977	4.1	36,758	37,815	2.9
Flagstaff, AZ	34,430	34,820	1.1	34,095	33,566	-1.5
Flint, MI	31,426	32,421	3.2	31,789	32,804	3.2
Florence, SC	33,491	34,445	2.8	36,775	38,211	3.9
Florence-Muscle Shoals, AL	32,233	33,249	3.2	35,236	37,331	5.9
Fond du Lac, WI	37,788	39,459	4.4	42,475	43,637	2.7
Fort Collins, CO	39,992	41,311	3.3	39,183	39,100	-0.2
Fort Smith, AR-OK	32,651	33,876	3.8	35,883	37,570	4.7
Fort Wayne, IN	35,584	37,226	4.6	37,693	38,782	2.9
Fresno, CA	33,132	34,074	2.8	32,977	33,118	0.4
Gadsden, AL	31,851	32,717	2.7	34,689	36,647	5.6
Gainesville, FL	36,858	38,045	3.2	36,766	37,486	2.0
				34,724		
Gainesville, GA Gettysburg, PA	32,288 34,628	32,789 35,720	1.6	34,724	34,338 35,357	-1.1 1.3
Glens Falls, NY	34,628		3.2			1.3
		40,058	3.6 5.1	38,381	38,911	1.4
Goldsboro, NC	32,003	33,620	5.1	34,587	36,774	6.3
Grand Florid, NE	40,093	43,916	9.5	42,216 46,110	44,907 46,227	6.4
Grand Island, NE	39,835	41,395	3.9	46,110	46,387	0.6
Grand Junction, CO	34,681	35,726	3.0	35,049	35,640	1.7
Grand Rapids-Wyoming, MI	35,845	37,264	4.0	37,496	38,293	2.1
Grants Pass, OR	30,416	31,361	3.1	31,413	31,756	1.1
Great Falls, MT	39,435	40,822	3.5	41,084	41,094	0.0
Greeley, CO	30,400	31,657	4.1	30,430	30,765	1.1
Green Bay, WI	40,497	41,609	2.7	42,576	42,877	0.7

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capi	ta Personal Incom Dollars	ne	Real Per Ca	pita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Greensboro-High Point, NC	35,395	36,645	3.5	37,510	38,479	2.6
Greenville, NC	33,831	35,743	5.7	35,601	38,381	7.8
Greenville-Anderson-Mauldin, SC	34,879	35,696	2.3	36,676	37,278	1.6
Gulfport-Biloxi-Pascagoula, MS	35,380	35,448	0.2	36,874	37,115	0.7
Hagerstown-Martinsburg, MD-WV	35,509	36,196	1.9	33,343	33,467	0.4
Hammond, LA	32,047	32,687	2.0	34,994	34,897	-0.3
Hanford-Corcoran, CA	31,771	31,835	0.2	32,238	31,626	-1.9
Harrisburg-Carlisle, PA	43,271	44,523	2.9	43,199	43,726	1.2
Harrisonburg, VA	31,999	32,998	3.1	33,640	34,003	1.1
Hartford-West Hartford-East Hartford, CT	52,338	54,274	3.7	50,177	51,017	1.7
Hattiesburg, MS	31,346	32,567	3.9	35,138	36,457	3.8
Hickory-Lenoir-Morganton, NC	31,060	32,243	3.8	33,262	34,375	3.3
Hilton Head Island-Bluffton-Beaufort, SC	39,953	40,853	2.3	41,995	42,161	0.4
Hinesville, GA	28,136	28,348	0.8	29,851	29,200	-2.2
Homosassa Springs, FL	33,026	34,184	3.5	35,638	36,166	1.5
Hot Springs, AR	35,369	36,796	4.0	39,101	40,886	4.6
Houma-Thibodaux, LA	41,584	43,631	4.9	43,569	44,699	2.6
Houston-The Woodlands-Sugar Land, TX	48,809	51,004	4.5	46,712	48,053	2.9
Huntington-Ashland, WV-KY-OH	34,065	35,059	2.9	36,778	38,362	4.3
Huntsville, AL	40,974	41,595	1.5	42,827	43,243	1.0
Idaho Falls, ID	34,726	35,292	1.6	36,658	36,745	0.2
Indianapolis-Carmel-Anderson, IN	40,467	42,342	4.6	41,529	42,767	3.0
Iowa City, IA	43,631	45,222	3.6	44,520	44,757	0.5
Ithaca, NY	37,579	38,852	3.4	35,541	35,334	-0.6
Jackson, MI	31,902	32,670	2.4	33,787	34,100	0.9
Jackson, MS	37,861	39,505	4.3	39,479	40,960	3.7
Jackson, TN	35,276	36,721	4.1	39,737	42,744	7.6
Jacksonville, FL	40,701	41,900	2.9	40,610	41,301	1.7
Jacksonville, NC	46,418	45,953	-1.0	46,766	45,422	-2.9
Janesville-Beloit. WI	34,282	35,855	4.6	35,533	36,673	3.2
Jefferson City, MO	35,939	36,537	1.7	42,207	42,928	1.7
Johnson City, TN	33,591	34,582	2.9	36,513	37,156	1.8
Johnstown, PA	34,749	35,620	2.5	37,471	38,776	3.5
Jonesboro, AR	32,849	34,266	4.3	37,688	39,789	5.6
Joplin, MO	31,662	33,139	4.7	33,921	35,813	5.6
Kahului-Wailuku-Lahaina, HI	36,790	37,909	3.0	31,534	31,859	1.0
Kalamazoo-Portage, MI	35,944	36,916	2.7	37,548	37,783	0.6
Kankakee, IL	33,603	34,997	4.1	32,283	33,512	3.8
Kansas City, MO-KS	43,330	44,766	3.3	44,755	45,802	2.3
Kennewick-Richland, WA	38,195	37,109	-2.8	38,318	36,255	-5.4
Killeen-Temple, TX	39,630	39,471	-0.4	40,857	40,514	-0.8
Kingsport-Bristol-Bristol, TN-VA	33,781	34,975	3.5	37,155	38,173	2.7
Kingston, NY	41,619	42,937	3.2	39,235	39,693	1.2
Knoxville, TN	36,537	37,864	3.6	38,361	39,211	2.2
Kokomo, IN	32,626	34,107	4.5	34,894	36,676	5.1
La Crosse-Onalaska, WI-MN	39,456	40,824	3.5	40,878	41,347	1.1
La Ci USSE-Uliaiaska, VVI-IVIIV	40,871	40,024	3.3	40,070	41,547	1.1

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capi	ta Personal Incom Dollars	ne	Real Per Ca	pita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Lafayette-West Lafayette, IN	32,739	33,822	3.3	33,746	34,175	1.3
Lake Charles, LA	35,568	37,226	4.7	38,090	39,912	4.8
Lake Havasu City-Kingman, AZ	26,524	27,220	2.6	27,170	27,546	1.4
Lakeland-Winter Haven, FL	34,630	35,746	3.2	35,269	36,116	2.4
Lancaster, PA	39,013	40,088	2.8	38,913	38,600	-0.8
Lansing-East Lansing, MI	34,712	35,459	2.2	35,671	35,633	-0.1
Laredo, TX	25,612	26,120	2.0	26,949	27,871	3.4
Las Cruces, NM	30,488	30,862	1.2	31,814	31,663	-0.5
Las Vegas-Henderson-Paradise, NV	35,896	36,676	2.2	34,663	35,053	1.1
Lawrence, KS	35,268	36,331	3.0	35,610	36,103	1.4
Lawton, OK	36,969	36,992	0.1	38,716	38,380	-0.9
Lebanon, PA	40,427	41,268	2.1	41,275	41,267	0.0
Lewiston, ID-WA	36,011	37,080	3.0	38,369	38,376	0.0
Lewiston-Auburn, ME	36,246	37,018	2.1	37,249	36,956	-0.8
Lexington-Fayette, KY	38,836	39,925	2.8	40,574	41,112	1.3
Lima, OH	32,034	33,044	3.2	34,589	35,215	1.8
Lincoln, NE	40,015	41,584	3.9	42,115	42,482	0.9
Little Rock-North Little Rock-Conway, AR	40,346	41,662	3.3	41,851	43,397	3.7
Logan, UT-ID	28,731	29,243	1.8	30,358	30,545	0.6
Longview, TX	39,788	41,945	5.4	41,864	43,332	3.5
Longview, WA	33,261	34,867	4.8	34,756	35,153	1.1
Los Angeles-Long Beach-Anaheim, CA	44,768	46,337	3.5	37,491	37,192	-0.8
Louisville/Jefferson County, KY-IN	39,241	40,970	4.4	41,380	42,751	3.3
Lubbock, TX	34,545	36,074	4.4	35,630	36,502	2.4
Lynchburg, VA	34,334	35,243	2.6	36,072	36,896	2.3
Macon, GA	36,015	36,879	2.4	38,211	39,781	4.1
Madera, CA	29,790	31,169	4.6	30,124	30,692	1.9
Madison, WI	46,479	48,026	3.3	46,566	46,570	0.0
Manchester-Nashua, NH	49,169	50,806	3.3	43,948	44,249	0.7
Manhattan, KS	43,129	42,464	-1.5	45,659	43,852	-4.0
Mankato-North Mankato, MN	38,055	40,052	5.2	42,156	43,041	2.1
Mansfield, OH	31,642	32,437	2.5	34,199	34,669	1.4
McAllen-Edinburg-Mission, TX	22,127	22,400	1.2	24,399	25,008	2.5
Medford, OR	34,907	36,289	4.0	34,818	35,135	0.9
Memphis, TN-MS-AR	38,637	40,288	4.3	39,786	41,499	4.3
Merced, CA	29,995	30,630	2.1	30,461	30,355	-0.3
Miami-Fort Lauderdale-West Palm Beach, FL	43,106	44,222	2.6	40,116	39,963	-0.4
Michigan City-La Porte, IN	32,026	33,399	4.3	36,388	37,534	3.1
Midland, MI	44,739	45,423	1.5	50,049	49,615	-0.9
Midland, TX	77,495	83,049	7.2	76,841	80,504	4.8
Milwaukee-Waukesha-West Allis, WI	45,477	46,943	3.2	46,424	46,771	0.7
Minneapolis-St. Paul-Bloomington, MN-WI	48,857	50,260	2.9	46,475	46,296	-0.4
Missoula, MT	35,342	36,584	3.5	36,022	35,986	-0.4
Mobile, AL	32,580	32,772	0.6	34,242	35,256	3.0
Monroe I A	33,005	34,138	3.4	32,274	32,704	1.3
Monroe, LA	34,014	35,482	4.3	36,653	38,587	5.3

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

2011   2012     2011   2012		Per Capi	ta Personal Incom Dollars	ne	Real Per Ca <sub>l</sub>	oita Personal Inco Dollars	ome
Morgantown, WV 35,752 36,928 3.3 38,630 39,607 Morristown, TN 30,084 30,925 2.8 34,896 35,558 Morristown, TN 30,084 30,925 2.8 34,896 35,558 Morristown, TN 30,656 32,318 5.4 32,774 34,190 Muskegon, MI Muskegon, MI 30,785 31,685 2.9 32,801 33,772 31,678 1.6 31,832 32,714 34,190 Muskegon, MI Myrtie Beach, SC-NC 31,177 31,678 1.6 31,832 2.212 Napa, CA 51,325 54,807 6.8 42,696 43,898 Naples-Immokalee-Marco Island, FL 58,991 60,391 2.4 57,920 57,911 Nashwitie-Davidson-Murfreesboro-Franklin, TN 42,629 45,213 6.1 43,706 43,558 2.9 New Bern, NC 37,315 39,151 4.9 41,818 42,932 New Haven-Milford, CT 49,098 51,028 3.9 41,835 42,652 New Orleans-Metatrie, LA 43,002 43,936 2.2 42,533 43,106 New York-Newark-Jersey City, NY-NJ-PA 56,922 58,403 2.6 45,147 45,364 Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 Niles-Benton Harbor, MI 34,002 37,564 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,778 1.9 39,345 39,779 1.9 39,345 39,790 1.9 39,482 39,400 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,900 1.9 39,		2011	2012		2011	2012	Percent growth
Mouristown, TN  30,084 30,925 3,886  33,8569 33,897 Mount Vernon-Anacortes, WA 30,107 Mourcie, IN 30,656 32,318 5,4 33,774 34,190 Myrtle Beach-Conway-North Myrtle Beach, SC-NC Myrtle Beach-Conway-North Myrtle Beach, SC-NC 31,177 31,678 1,6 31,832 32,212 32,212 33,801 Myrtle Beach-Conway-North Myrtle Beach, SC-NC Nappe-Immokalee-Marco Island, FL 58,991 60,391 2,4 57,920 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 57,991 5	Montgomery, AL	37,044	37,905	2.3	38,507	39,916	3.7
Mount Vernon-Anacortes, WA Muncie, IN 30,056 32,318 5.4 32,774 34,190 Murkegon, MI Muskegon, MI Muskegon, MI Muskegon, MI Muskegon, MI Myrtle Beach, Conway-North Myrtle Beach, SC-NC 31,177 31,678 1.6 31,832 32,212 Napa, CA Naples-Immokalee-Marco Island, FL Napa, CA Naples-Immokalee-Marco Island, FL S8,991 60,391 2.4 57,920 57,911 Nashwille-DavidsonMurfreesboro-Franklin, TN 42,629 45,213 6.1 43,706 45,582 New Bern, NC 37,315 39,151 4.9 41,818 42,932 New Haven-Millford, CT New Orleans-Metalric, LA 43,002 43,936 2.2 42,533 43,106 New York-Newark-Jersey City, NY-NJ-PA 56,922 58,403 Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 39,345 39,778 40,607 Crala, FL 34,505 39,347 40,608 30,604 40,607 40,608 30,609 40,772 47,772 Norwich-New London, CT 48,176 49,468 2.7 46,061 46,335 30,604 30,608 30,887 30,764 40,608 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 30,408 3	Morgantown, WV	35,752	36,928	3.3	38,630	39,607	2.5
Muncie, IN  Muskegon, MI  Musk	Morristown, TN	30,084	30,925	2.8	34,896	35,558	1.9
Muskegon, MI Myrtle Beach-Conway-North Myrtle Beach, SC-NC S1,325 S4,807 6.8 42,696 A3,898 Naples-Immokalee-Marco Island, FL S5,991 60,391 2.4 57,920 57,911 Nashville-DavidsonMurfreesboro-Franklin, TN 42,629 45,213 6.1 43,706 45,582 New Bern, NC New Haven-Miliford, CT 49,098 S1,028 3.9 41,185 42,652 New Orleans-Metairie, LA New Orleans-Metairie, LA New Orleans-Metairie, LA New Tork-Newark-Jersey City, NY-NJ-PA 56,922 58,403 2.6 45,147 45,364 Niles-Benton Harbor, MI North Port-Sarasota-Bradenton, FL 48,410 49,697 2.7 47,777 Norwich-New London, CT 48,176 49,468 2.7 40,6061 46,335 A5,270 Cocla, FL 33,570 Cocan City, NJ 50,695 52,276 3.1 44,574 45,607 Cocan City, NJ 50,695 52,276 3.1 44,574 45,607 Cocan City, OK 41,717 43,343 3.9 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 43,349 44,541 44,541 44,571 44,575 41 45,575 41 45,575 41 45,575 41 45,575	Mount Vernon-Anacortes, WA	39,107	40,456	3.4	38,569	38,897	0.9
Myrtle Beach-Conway-North Myrtle Beach, SC-NC 51,3275 54,807 6.8 42,696 43,898 Naples-Immokalee-Marco Island, FL 58,991 60,391 2.4 57,920 A3,898 Naples-Immokalee-Marco Island, FL 58,991 60,391 2.4 57,920 A4,898 Naples-Immokalee-Marco Island, FL 58,991 60,391 2.4 57,920 A4,898 Naples-Immokalee-Marco Island, FL 58,991 60,391 2.4 57,920 A4,898 A4	Muncie, IN	30,656	32,318	5.4	32,774	34,190	4.3
Napa, CA Naples-Immokalee-Marco Island, FL Nashville-Davidson—Murfreesboro—Franklin, TN New Bern, NC Nay, 37,315 New Bern, NC New Gren, NC New Gren, NC New Orleans-Matairie, LA New Orleans-Matairie, LA New York-NewArc-Jersey City, NY-NJ-PA New Forleans-Matairie, LA New York-NewArc-Jersey City, NY-NJ-PA North Bort-Sarasota-Bradenton, FL North Bort-Sarasota-Bradenton, FL North-New London, CT Norwich-New London, CT	Muskegon, MI	30,785	31,685	2.9	32,801	33,772	3.0
Naples-Immokalee-Marco Island, FL Nashville-DavidsonMurfreesboroFranklin, TN Nashville-DavidsonMurfreesboroFranklin, TN New Bern, NC 37,315 New Haven-Milford, CT 49,098 51,028 3.9 41,385 42,652 New Orleans-Metairie, LA 43,002 43,936 2.2 42,533 43,106 New York-Newark-Jersey City, NY-NJ-PA 56,922 58,403 2.6 45,147 45,364 Niles-Benton Harbor, MI North Port-Sarasota-Bradenton, FL 48,410 49,697 2.7 47,772 47,727 Norwich-New London, CT 48,176 49,468 2.7 46,061 46,335 Ocala, FL Ocaean City, NJ Oceas, TX 39,585 42,698 7.9 40,555 43,242 Ogden-Clearfield, UT 34,660 35,984 3.8 34,886 35,437 Olkahoma City, OK 0lympia-Tumwater, WA 0lymp	Myrtle Beach-Conway-North Myrtle Beach, SC-NC	31,177	31,678	1.6	31,832	32,212	1.2
Nashville-DavidsonMrufreesboroFranklin, TN New Bern, NC 37,315 39,151 49,9 41,818 42,932 New Bern, NC New Haven-Millford, CT 49,098 51,028 3.9 41,385 42,652 New Orleans-Metairle, LA 43,002 43,936 2.2 42,533 43,106 New York-Newark-Jersey City, NY-NJ-PA 56,922 58,403 2.6 45,147 45,364 Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 Norwich-New London, CT 48,176 Norwich-New London, CT 48,176 Norwich-New London, CT 48,176 Norwich-New London, CT 34,505 35,570 3.1 35,498 36,694 Ocean City, NJ 50,695 52,276 3.1 44,574 44,507 Ogden-Clearfield, UT 34,660 35,984 38,384,886 35,437 Olklahoma City, OK 41,717 43,343 3.9 43,349 44,543 Olympia-Tumwater, WA 70rhaha-Council Bliffs, NE-IA 70rhousand Oaks-Ventura, CA 77,279 78,837 79 79 79 79 79 79 79 79 79 79 79 79 79	Napa, CA	51,325	54,807	6.8	42,696	43,898	2.8
New Bern, NC  New Haven-Millford, CT  49,098  51,028  39,151  49,938  41,385  42,652  New Orleans-Metairie, LA  43,002  43,936  22  42,533  43,106  New York-Newark-Jersey City, NY-NJ-PA  56,922  58,403  2,6  45,147  45,364  Niles-Benton Harbor, MI  37,049  37,764  1,9  39,345  39,778  North Port-Sarasota-Bradenton, FL  48,410  49,697  2,7  47,772  47,772  47,772  47,772  47,772  47,772  47,772  Norwich-New London, CT  48,176  49,468  2,7  46,061  46,335  Coclal, FL  34,505  35,570  31,  35,498  36,694  Ocean City, NJ  Odessa, TX  39,585  42,698  7,9  40,555  43,242  Ogden-Clearfield, UT  34,660  35,984  38,  38,486  35,437  Olklahoma City, OK  41,717  43,343  39, 44,543  Olympia-Turnwater, WA  42,774  43,977  2,8  39,940  39,907  Omaha-Council Bluffs, NE-IA  44,721  46,575  41,  45,915  46,843  Orlando-Kissimmee-Sanford, FL  39,485  40,569  2,7  41,319  41,619  Owensboro, KY  35,585  36,641  30,3880  A0,724  40,435  Palm Bay-Melbourne-Titusville, FL  39,023  39,770  19  39,482  39,404  Parkersburg-Vienna, WV  32,214  33,685  4,6  34,998  36,757  Pensacola-Ferry Pass-Brent, FL  44,151  44,151  46,127  43,977  43,977  48,837  33  40,724  40,435  Palm Bay-Melbourne-Titusville, FL  39,023  39,770  19  39,482  39,404  Portisch-Gersy Pass-Brent, FL  44,151  44,151  46,127  47,727  48,977  48,977  48,977  48,977  48,977  48,979  48,979  40,935  40,086  Oxnard-Thousand Oaks-Ventura, CA  47,279  48,837  33  40,724  40,435  Palm Bay-Melbourne-Titusville, FL  39,023  39,770  1,9  39,482  39,404  Portisch-Gersy Pass-Brent, FL  46,617  47,762  48,151  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  48,161  4	Naples-Immokalee-Marco Island, FL	58,991	60,391	2.4	57,920	57,911	0.0
New Haven-Miliford, CT New Orleans-Metairie, LA New Orleans-Metairie, LA New York-Newark-Jersey City, NY-NJ-PA New York-Newark-Jersey City, NY-NJ-PA North Port-Sarasota-Bradenton, FL North Port-Sarasota-Bradenton, FL Norwich-New London, CT Norwich-New	Nashville-DavidsonMurfreesboroFranklin, TN	42,629	45,213	6.1	43,706	45,582	4.3
New Orleans-Metairie, LA New York-Newark-Jersey City, NY-NJ-PA Nork-Newark-Jersey City, NY-NJ-PA Se, 922 S8, 03 2.6 45, 147 45, 364 Niles-Benton Harbor, MI 37, 049 37, 764 1.9 39, 345 39, 778 North Port-Sarasota-Bradenton, FL 48, 410 49, 697 2.7 47, 772 47, 727 Norwich-New London, CT 48, 176 49, 468 2.7 46, 061 46, 335 Ccala, FL 34, 505 35, 570 3.1 35, 498 36, 694 Ccean City, NJ 50, 695 52, 276 3.1 44, 574 45, 607 Cdesar, TX 39, 585 42, 698 7.9 40, 555 43, 242 Ogden-Clearfield, UT 34, 660 35, 984 3.8 34, 886 35, 437 Oklahoma City, OK 41, 717 43, 343 3.9 43, 349 44, 543 Olympia-Turnwater, WA 42, 774 43, 977 2.8 39, 940 39, 907 Comaha-Council Bluffs, NE-IA Olympia-Turnwater, WI 39, 485 40, 569 2.7 41, 319 41, 619 Owensboro, KY 35, 585 36, 641 3.0 Oknard-Thousand Oaks-Ventura, CA 47, 279 48, 837 33, 34, 40, 724 40, 435 Paim Bay-Melbourne-Titusville, FL 39, 023 39, 770 19 39, 482 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39, 40 39	New Bern, NC	37,315	39,151	4.9	41,818	42,932	2.7
New York-Newark-Jersey City, NY-NJ-PA Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 North Port-Sarasota-Bradenton, FL 48,410 49,697 2.7 47,772 47,772 47,772 A7,772 A7,772 Norwich-New London, CT 48,176 49,468 2.7 46,061 46,335 Cocala, FL 34,505 35,570 3.1 35,498 36,694 Cocan City, NJ 50,695 52,276 3.1 44,574 45,607 Codesa, TX 39,585 42,698 7.9 40,555 43,242 Cogden-Clearfield, UT 34,660 35,984 3.8 34,886 35,437 Coklahoma City, OK 41,717 43,343 3.9 43,349 44,543 Colympia-Tumwater, WA 42,774 43,977 2.8 39,940 39,907 Comaha-Council Bluffs, NE-IA 44,721 46,575 4.1 45,915 46,843 Corlando-Kissimmee-Sanford, FL 35,466 36,412 2.7 34,844 35,267 Coshkosh-Neenah, WI 39,485 Coxard-Thousand Oaks-Ventura, CA 47,279 48,837 3.3 40,724 40,435 Coxard-Thousand Oaks-Ventura, CA 47,279 48,837 3.3 40,724 40,435 Palm Bay-Melbourne-Titusville, FL 39,023 39,770 1.9 39,482 39,404 Panama City, FL 37,033 37,241 0.6 36,826 36,700 Parkersburg-Vienna, WV 32,214 33,685 36,641 36,642 37,764 31,184 32,267 33,464 34,598 36,694 36,757 Peroria, IL 44,151 46,6412 5.1 46,253 48,151 A4,514 A4,511 A6,612 5.1 46,253 48,151 A4,541 A4,641 A	New Haven-Milford, CT	49,098	51,028	3.9	41,385	42,652	3.1
Niles-Benton Harbor, MI 37,049 37,764 1.9 39,345 39,778 North Port-Sarasota-Bradenton, FL 48,410 49,697 2.7 47,772 47,772 Norwich-New London, CT 48,176 49,468 2.7 46,061 46,335 Ocala, FL 34,505 35,570 3.1 35,498 36,694 Ocean City, NJ 50,695 52,276 3.1 44,574 45,607 Odessa, TX 39,585 42,698 7.9 40,555 43,242 Ogden-Clearfield, UT 34,660 35,984 3.8 34,886 35,437 Oklahoma City, OK 41,717 43,343 3.9 43,349 44,543 Olympia-Tumwater, WA 42,774 43,977 2.8 39,940 39,907 Omaha-Council Bluffs, NE-IA 44,721 46,575 4.1 45,915 46,843 Orlando-Kissimmee-Sanford, FL 35,466 36,412 2.7 34,844 35,267 Oshkosh-Neenah, WI 39,485 40,569 2.7 41,319 41,619 Owensboro, KY 35,585 36,641 3.0 38,802 40,086 Oxarard-Thousand Oaks-Ventura, CA 47,279 48,837 3.3 40,724 40,435 Palm Bay-Melbourne-Titusville, FL 39,023 39,770 1.9 39,482 39,404 Panama City, FL 37,033 37,241 0.6 36,826 36,700 Parkersburg-Vienna, WV 32,214 33,685 4.6 36,792 37,461 37,690 Peroria, IL 44,151 46,412 5.1 46,253 48,151 Philadelphia-Camden-Wilmington, PA-NJ-DE-MD 50,187 51,519 2.7 44,842 44,841 Phoenix-Mesa-Scottsdale, AZ 37,711 38,006 2.2 36,016 36,155 Pinte Bluff, AR 30,964 32,776 5.9 33,794 36,455 Pittsburgh, PA 46,117 47,862 3.8 47,586 48,612 Pittsfield, MA 45,465 46,930 3.2 45,652 46,097 Pocatello, ID 29,540 29,972 1.5 31,485 31,440 Port St. Lucie, FL 38,095 39,078 2.6 38,283 38,726 Portland-South Portland, ME 44,367 45,752 3.1 42,806 43,059 Portland-South Portland, ME 44,367 45,752 3.1 42,806 43,059 Portland-South Portland, ME 44,367 45,752 3.1 42,806 43,059 Portland-South Portland, ME 44,367 45,352 2.9 42,417 43,155	New Orleans-Metairie, LA	43,002	43,936	2.2	42,533	43,106	1.3
North Port-Sarasota-Bradenton, FL Norwich-New London, CT A8,176 A9,468 2.7 A6,061 A6,335 Coala, FL 34,505 35,570 3.1 35,498 36,694 Cocan City, NJ 50,695 52,276 3.1 A4,574 A5,607 Codessa, TX 39,585 A2,698 7.9 A0,555 A3,242 Cogden-Clearfield, UT A3,660 A35,984 A3,8 A3,886 A3,486 A3,486 A3,486 A3,486 A3,486 Colympia-Tumwater, WA A4,774 A3,977 A4,977 A4,	New York-Newark-Jersey City, NY-NJ-PA	56,922	58,403	2.6	45,147	45,364	0.5
Norwich-New London, CT  48,176  49,468  2.7  46,061  46,335  Ocala, FL  34,505  35,570  3.1  35,498  36,694  Ocean City, NJ  50,695  52,276  3.1  44,574  45,607  Odessa, TX  39,585  42,698  7.9  40,555  43,242  Ogden-Clearfield, UT  34,660  34,660  35,984  3.8  34,886  35,437  Olympia-Tumwater, WA  Olympia-Tumwater, WA  42,774  43,977  2.8  39,940  39,907  Omaha-Council Bluffs, NE-IA  44,721  46,575  4.1  45,915  46,843  Orlando-Kissimmee-Sanford, FL  35,466  36,412  2.7  34,844  35,267  Oshkosh-Neenah, WI  39,485  40,569  2.7  41,319  41,619  Owensboro, KY  Oxard-Thousand Oaks-Ventura, CA  47,279  48,837  3.3  40,724  40,435  Palm Bay-Melbourne-Titusville, FL  39,023  39,770  1.9  39,482  39,404  Panama City, FL  37,033  37,241  0.6  36,826  36,700  Parkersburg-Vienna, WV  32,214  33,685  4.6  34,598  36,757  Pensacola-Ferry Pass-Brent, FL  44,151  46,112  44,151  46,122  37,461  37,690  Peoria, IL  44,151  45,915  46,421  47,822  37,171  38,006  2.2  36,016  36,455  Pine Bluff, AR  30,964  32,776  5.9  33,794  36,455  46,997  Pocatello, ID  90-CtsLucie, FL  90-Titland-Vancouver-Hillsboro, OR-WA  41,313  43,103  43,205  40,006  40,706  43,155  Providence-Warwick, Ri-MA  44,093  45,392  2.9  42,417  43,155	Niles-Benton Harbor, MI	37,049	37,764	1.9	39,345	39,778	1.1
Norwich-New London, CT  48,176  49,468  2.7  46,061  46,335  Cala, FL  34,505  35,570  3.1  35,498  36,694  Cean City, NJ  50,695  52,276  3.1  44,574  45,607  Classa, TX  39,585  42,698  7.9  40,555  43,242  Clade-Clearfield, UT  34,660  34,660  35,984  3.8  34,886  35,437  Clympia-Tumwater, WA  42,774  43,977  2.8  39,940  39,907  Cmaha-Council Bluffs, NE-IA  44,721  46,575  4.1  45,915  46,843  Clympia-Tumwater, WA  Clympia-Tumwater, WA  42,774  43,977  2.8  39,940  39,907  Cmaha-Council Bluffs, NE-IA  44,721  46,575  4.1  45,915  46,843  Criando-Kissimmee-Sanford, FL  35,466  36,412  2.7  34,844  35,267  Chshosh-Neenah, WI  39,485  40,569  2.7  41,319  41,619  Cwensboro, KY  Cward-Thousand Oaks-Ventura, CA  47,279  48,837  3.3  40,724  40,435  Palm Bay-Melbourne-Titusville, FL  39,023  39,770  1.9  39,482  39,404  Panama City, FL  37,033  37,241  0.6  36,826  36,700  Parkersburg-Vienna, WV  32,214  33,685  4.6  34,598  36,757  Pensacola-Ferry Pass-Brent, FL  44,151  46,412  51,1  46,425  44,841  Phoenix-Meas-Scottsdale, AZ  37,171  38,006  2.2  36,016  36,455  Pittsburgh, PA  46,117  47,862  3.8  47,586  48,612  Pittsfield, MA  45,465  46,930  3.2  45,652  46,097  Poctatello, ID  29,540  29,972  1.5  31,485  31,440  A0,706  Prescott, AZ  Providence-Warwick, RI-MA  44,093  44,093  45,392  2.9  42,417  43,155		48,410		2.7			-0.1
Ocala, FL         34,505         35,570         3.1         35,498         36,694           Ocean City, NJ         50,695         52,276         3.1         44,574         45,607           Odessa, TX         39,585         42,698         7.9         40,555         43,242           Ogden-Clearfield, UT         34,660         35,984         3.8         34,886         35,437           Oklahoma City, OK         41,717         43,349         34,543         34,549         44,543           Olympia-Tumwater, WA         42,774         43,977         2.8         39,940         39,907           Omaha-Council Bluffs, NE-IA         44,721         46,575         4.1         45,915         46,843           Orlando-Kissimmee-Sanford, FL         35,466         36,412         2.7         34,844         35,267           Oshkosh-Neenah, WI         39,485         40,569         2.7         41,319         41,619           Owensboro, KY         35,585         36,641         3.0         38,802         40,086           Oxnard-Thousand Oaks-Ventura, CA         47,279         48,837         3.3         40,724         40,435           Palm Bay-Melbourne-Titusville, FL         39,023         39,770         1.9         <		-					0.6
Ocean Citry, NJ         50,695         52,276         3.1         44,574         45,607           Odessa, TX         39,585         42,698         7.9         40,555         43,242           Ogden-Clearfield, UT         34,660         35,984         3.8         34,886         35,437           Oklahoma Citry, OK         41,717         43,343         3.9         43,349         44,543           Olympia-Tumwater, WA         42,774         43,977         2.8         39,940         39,907           Omaha-Council Bluffs, NE-IA         44,721         46,575         4.1         45,915         46,843           Orlando-Kissimmee-Sanford, FL         35,466         36,412         2.7         34,844         35,267           Oshkosh-Neenah, WI         39,485         40,569         2.7         41,319         41,619           Owensboro, KY         35,585         36,641         3.0         38,802         40,086           Oxnard-Thousand Oaks-Ventura, CA         47,279         48,837         3.3         40,724         40,435           Palm Bay-Melbourne-Titusville, FL         39,023         39,770         1.9         39,482         39,404           Panama Citry, FL         37,033         37,241         0.6	Ocala, FL			3.1	35,498		3.4
Odessa, TX         39,585         42,698         7.9         40,555         43,242           Ogden-Clearfield, UT         34,660         35,984         3.8         34,886         35,437           Oklahoma City, OK         41,717         43,343         3.9         43,349         44,543           Olympia-Tumwater, WA         42,774         43,977         2.8         39,940         39,907           Omaha-Council Bluffs, NE-IA         44,721         46,575         4.1         45,915         46,843           Orlando-Kissimmee-Sanford, FL         35,466         36,412         2.7         34,844         35,267           Oshkosh-Neenah, WI         39,485         40,569         2.7         41,319         41,619           Owensboro, KY         35,585         36,641         3.0         38,802         40,086           Oxnard-Thousand Oaks-Ventura, CA         47,279         48,837         3.3         40,724         40,435           Palm Bay-Melbourne-Titusville, FL         39,023         39,770         1.9         39,482         39,404           Panama City, FL         37,033         37,241         0.6         36,826         36,700           Parkersburg-Vienna, WV         32,214         33,685         4.6 <td></td> <td>ŕ</td> <td></td> <td></td> <td></td> <td></td> <td>2.3</td>		ŕ					2.3
Ogden-Clearfield, UT         34,660         35,984         3.8         34,886         35,437           Oklahoma City, OK         41,717         43,343         3.9         43,349         44,543           Olympia-Tumwater, WA         42,774         43,977         2.8         39,940         39,907           Omaha-Council Bluffs, NE-IA         44,721         46,575         4.1         45,915         46,843           Orlando-Kissimmee-Sanford, FL         35,466         36,412         2.7         34,844         35,267           Oshkosh-Neenah, WI         39,485         40,569         2.7         41,319         41,619           Owensboro, KY         35,585         36,641         3.0         38,802         40,086           Oxnard-Thousand Oaks-Ventura, CA         47,279         48,837         3.3         40,724         40,435           Palm Bay-Melbourne-Titusville, FL         39,023         39,770         1.9         39,482         39,404           Panama City, FL         37,033         37,241         0.6         36,826         36,700           Parkersburg-Vienna, WV         32,214         33,685         4.6         34,598         36,757           Pensacola-Ferry Pass-Brent, FL         36,742         37,538							6.6
Oklahoma City, OK       41,717       43,343       3.9       43,349       44,543         Olympia-Tumwater, WA       42,774       43,977       2.8       39,940       39,907         Omaha-Council Bluffs, NE-IA       44,721       46,575       4.1       45,915       46,843         Orlando-Kissimmee-Sanford, FL       35,466       36,412       2.7       34,844       35,267         Oshkosh-Neenah, WI       39,485       40,569       2.7       41,319       41,619         Owensboro, KY       35,585       36,641       3.0       38,802       40,086         Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD </td <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.6</td>	·						1.6
Olympia-Tumwater, WA         42,774         43,977         2.8         39,940         39,907           Omaha-Council Bluffs, NE-IA         44,721         46,575         4.1         45,915         46,843           Orlando-Kissimmee-Sanford, FL         35,466         36,412         2.7         34,844         35,267           Oshkosh-Neenah, WI         39,485         40,569         2.7         41,319         41,619           Owensboro, KY         35,585         36,641         3.0         38,802         40,086           Oxnard-Thousand Oaks-Ventura, CA         47,279         48,837         3.3         40,724         40,435           Palm Bay-Melbourne-Titusville, FL         39,023         39,770         1.9         39,482         39,404           Panama City, FL         37,033         37,241         0.6         36,826         36,700           Parkersburg-Vienna, WV         32,214         33,685         4.6         34,598         36,757           Pensacola-Ferry Pass-Brent, FL         36,742         37,538         2.2         37,461         37,690           Peoria, IL         44,151         46,412         5.1         46,253         48,151           Philadelphia-Camden-Wilmington, PA-NJ-DE-MD         50,187		-				-	2.8
Omaha-Council Bluffs, NE-IA       44,721       46,575       4.1       45,915       46,843         Orlando-Kissimmee-Sanford, FL       35,466       36,412       2.7       34,844       35,267         Oshkosh-Neenah, WI       39,485       40,569       2.7       41,319       41,619         Owensboro, KY       35,585       36,641       3.0       38,802       40,086         Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pittsburgh,	1						-0.1
Orlando-Kissimmee-Sanford, FL       35,466       36,412       2.7       34,844       35,267         Oshkosh-Neenah, WI       39,485       40,569       2.7       41,319       41,619         Owensboro, KY       35,585       36,641       3.0       38,802       40,086         Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pitts Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsfield, MA		-					2.0
Oshkosh-Neenah, WI       39,485       40,569       2.7       41,319       41,619         Owensboro, KY       35,585       36,641       3.0       38,802       40,086         Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540							1.2
Owensboro, KY       35,585       36,641       3.0       38,802       40,086         Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsbrugh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540	l '						0.7
Oxnard-Thousand Oaks-Ventura, CA       47,279       48,837       3.3       40,724       40,435         Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Portland-South Portland, ME       4							3.3
Palm Bay-Melbourne-Titusville, FL       39,023       39,770       1.9       39,482       39,404         Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-Vancouver-Hillsboro, OR-WA       41,313<	·					-	-0.7
Panama City, FL       37,033       37,241       0.6       36,826       36,700         Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313	· · · · · · · · · · · · · · · · · · ·				-		-0.2
Parkersburg-Vienna, WV       32,214       33,685       4.6       34,598       36,757         Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543	· ·					-	-0.3
Pensacola-Ferry Pass-Brent, FL       36,742       37,538       2.2       37,461       37,690         Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093	·						6.2
Peoria, IL       44,151       46,412       5.1       46,253       48,151         Philadelphia-Camden-Wilmington, PA-NJ-DE-MD       50,187       51,519       2.7       44,842       44,841         Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155	_						0.6
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD         50,187         51,519         2.7         44,842         44,841           Phoenix-Mesa-Scottsdale, AZ         37,171         38,006         2.2         36,016         36,155           Pine Bluff, AR         30,964         32,776         5.9         33,794         36,455           Pittsburgh, PA         46,117         47,862         3.8         47,586         48,612           Pittsfield, MA         45,465         46,930         3.2         45,652         46,097           Pocatello, ID         29,540         29,972         1.5         31,485         31,440           Port St. Lucie, FL         38,095         39,078         2.6         38,283         38,726           Portland-South Portland, ME         44,367         45,752         3.1         42,806         43,059           Portland-Vancouver-Hillsboro, OR-WA         41,313         43,103         4.3         40,200         40,706           Prescott, AZ         30,543         31,617         3.5         31,166         31,145           Providence-Warwick, RI-MA         44,093         45,392         2.9         42,417         43,155	·						4.1
Phoenix-Mesa-Scottsdale, AZ       37,171       38,006       2.2       36,016       36,155         Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155	, and the second						0.0
Pine Bluff, AR       30,964       32,776       5.9       33,794       36,455         Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155							0.4
Pittsburgh, PA       46,117       47,862       3.8       47,586       48,612         Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155	·						7.9
Pittsfield, MA       45,465       46,930       3.2       45,652       46,097         Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155	·						2.2
Pocatello, ID       29,540       29,972       1.5       31,485       31,440         Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155	_						1.0
Port St. Lucie, FL       38,095       39,078       2.6       38,283       38,726         Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155							-0.1
Portland-South Portland, ME       44,367       45,752       3.1       42,806       43,059         Portland-Vancouver-Hillsboro, OR-WA       41,313       43,103       4.3       40,200       40,706         Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155							1.2
Portland-Vancouver-Hillsboro, OR-WA         41,313         43,103         4.3         40,200         40,706           Prescott, AZ         30,543         31,617         3.5         31,166         31,145           Providence-Warwick, RI-MA         44,093         45,392         2.9         42,417         43,155							0.6
Prescott, AZ       30,543       31,617       3.5       31,166       31,145         Providence-Warwick, RI-MA       44,093       45,392       2.9       42,417       43,155							1.3
Providence-Warwick, RI-MA 44,093 45,392 2.9 42,417 43,155							-0.1
							1.7
20,470   27,308   4.2   20,570   27,016							
Duoble CO 22.000 22.400 20.400 24.400							1.7
Pueblo, CO     32,055     33,218     3.6     33,009     34,123       Punta Gorda, FL     36,161     36,964     2.2     36,868     36,798	l '						3.4 -0.2

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capit	a Personal Incom Dollars	ie	Real Per Cap	ita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Racine, WI	39,268	40,510	3.2	40,702	41,146	1.1
Raleigh, NC	41,276	42,709	3.5	41,824	42,580	1.8
Rapid City, SD	41,675	42,669	2.4	44,339	43,832	-1.1
Reading, PA	39,330	40,453	2.9	39,311	39,654	0.9
Redding, CA	36,507	37,593	3.0	35,931	36,180	0.7
Reno, NV	42,524	43,317	1.9	41,312	41,329	0.0
Richmond, VA	43,856	45,194	3.1	43,997	44,491	1.1
Riverside-San Bernardino-Ontario, CA	31,096	31,900	2.6	28,643	28,472	-0.6
Roanoke, VA	39,394	40,769	3.5	41,506	42,382	2.1
Rochester, MN	43,846	45,702	4.2	45,417	46,278	1.9
Rochester, NY	42,313	43,780	3.5	42,022	42,527	1.2
Rockford, IL	34,962	36,359	4.0	36,191	37,555	3.8
Rocky Mount, NC	31,754	32,964	3.8	33,649	36,021	7.1
Rome, GA	33,322	34,230	2.7	37,142	39,491	6.3
SacramentoRosevilleArden-Arcade, CA	43,094	44,641	3.6	41,115	41,371	0.6
Saginaw, MI	32,457	33,079	1.9	34,214	35,105	2.6
Salem, OR	33,801	34,711	2.7	33,940	34,041	0.3
Salinas, CA	41,906	43,034	2.7	38,613	38,111	-1.3
Salisbury, MD-DE	37,402	38,467	2.8	39,405	40,558	2.9
Salt Lake City, UT	38,883	40,424	4.0	38,197	38,705	1.3
San Angelo, TX	38,845	39,711	2.2	40,645	40,931	0.7
San Antonio-New Braunfels, TX	38,124	39,019	2.3	39,128	39,436	0.8
San Diego-Carlsbad, CA	48,066	49,719	3.4	40,246	39,657	-1.5
San Francisco-Oakland-Hayward, CA	62,954	66,591	5.8	51,279	52,105	1.6
San Jose-Sunnyvale-Santa Clara, CA	61,831	65,679	6.2	50,322	51,095	1.5
San Luis Obispo-Paso Robles-Arroyo Grande, CA	42,394	43,698	3.1	39,097	38,806	-0.7
Santa Cruz-Watsonville, CA	50,138	52,442	4.6	41,288	40,992	-0.7
Santa Fe, NM	43,086	44,098	2.3	42,072	42,172	0.2
Santa Maria-Santa Barbara, CA	46,210	47,862	3.6	41,908	41,956	0.1
Santa Rosa, CA	45,805	47,879	4.5	38,397	38,433	0.1
Savannah, GA	40,306	40,697	1.0	40,591	40,676	0.2
ScrantonWilkes-BarreHazleton, PA	38,188	39,101	2.4	39,389	40,306	2.3
Seattle-Tacoma-Bellevue, WA	51,250	53,328	4.1	46,685	47,290	1.3
Sebastian-Vero Beach, FL	51,041	52,855	3.6	53,959	54,625	1.2
Sebring, FL	30,434	31,076	2.1	32,841	32,879	0.1
Sheboygan, WI	42,748	44,779	4.8	45,123	46,656	3.4
Sherman-Denison, TX	33,595	34,655	3.2	34,987	35,936	2.7
Shreveport-Bossier City, LA	40,199	41,234	2.6	41,966	42,918	2.3
Sierra Vista-Douglas, AZ	36,437	36,625	0.5	37,370	36,922	-1.2
Sioux City, IA-NE-SD	40,261	41,485	3.0	43,328	43,687	0.8
Sioux Falls, SD	46,329	47,057	1.6	48,880	47,897	-2.0
South Bend-Mishawaka, IN-MI	36,279	37,929	4.5	38,458	39,549	2.8
Spartanburg, SC	32,025	32,784	2.4	34,488	35,172	2.0
Spokane-Spokane Valley, WA	35,831	36,918	3.0	36,311	36,517	0.6
Springfield, IL	40,901	41,606	1.7	42,366	42,740	0.9
Springfield, MA	40,823	42,298	3.6	40,633	41,446	2.0
Springfield, MO	32,721	33,943	3.7	35,123	36,121	2.8

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capi	ta Personal Incom Dollars	ne	Real Per Ca <sub>l</sub>	oita Personal Inco Dollars	ome
	2011	2012	Percent growth	2011	2012	Percent growth
Springfield, OH	35,609	36,572	2.7	37,670	38,812	3.0
St. Cloud, MN	36,080	37,756	4.6	38,075	38,540	1.2
St. George, UT	27,920	28,597	2.4	28,629	28,518	-0.4
St. Joseph, MO-KS	34,943	36,068	3.2	37,470	38,855	3.7
St. Louis, MO-IL	42,969	44,625	3.9	46,158	47,610	3.1
State College, PA	39,651	40,894	3.1	38,991	37,962	-2.6
Staunton-Waynesboro, VA	34,918	36,597	4.8	37,954	38,734	2.1
Stockton-Lodi, CA	32,157	33,024	2.7	31,047	31,163	0.4
Sumter, SC	31,725	32,973	3.9	34,066	35,180	3.3
Syracuse, NY	40,273	41,774	3.7	40,494	41,327	2.1
Tallahassee, FL	36,874	37,382	1.4	36,973	37,294	0.9
Tampa-St. Petersburg-Clearwater, FL	39,387	40,862	3.7	38,379	39,024	1.7
Terre Haute, IN	32,021	33,473	4.5	34,072	35,954	5.5
Texarkana, TX-AR	33,949	34,819	2.6	36,546	37,062	1.4
The Villages, FL	33,782	35,032	3.7	36,453	37,064	1.7
Toledo, OH	36,758	37,693	2.5	39,186	39,843	1.7
Topeka, KS	39,130	40,132	2.6	41,426	42,467	2.5
Trenton, NJ	53,271	55,714	4.6	45,513	47,404	4.2
Tucson, AZ	35,371	36,335	2.7	35,304	35,545	0.7
Tulsa, OK	43,450	45,350	4.4	45,464	47,220	3.9
Tuscaloosa, AL	34,012	34,870	2.5	35,816	37,335	4.2
Tyler, TX	40,185	41,379	3.0	40,765	41,458	1.7
Urban Honolulu, HI	47,252	48,529	2.7	37,764	37,468	-0.8
Utica-Rome, NY	37,166	37,949	2.1	38,024	38,710	1.8
Valdosta, GA	31,636	32,372	2.3	35,640	36,855	3.4
Vallejo-Fairfield, CA	39,719	42,354	6.6	33,542	34,554	3.0
Victoria, TX	41,666	43,735	5.0	43,675	45,771	4.8
Vineland-Bridgeton, NJ	35,560	36,551	2.8	32,225	33,021	2.5
Virginia Beach-Norfolk-Newport News, VA-NC	43,051	44,321	2.9	41,878	42,332	1.1
Visalia-Porterville, CA	31,027	31,307	0.9	31,531	31,081	-1.4
Waco, TX	33,576	34,657	3.2	35,115	35,882	2.2
Walla Walla, WA	37,371	37,674	0.8	37,951	37,390	-1.5
Warner Robins, GA	35,139	35,654	1.5	36,841	37,194	1.0
Washington-Arlington-Alexandria, DC-VA-MD-WV	60,834	61,743	1.5	49,804	48,645	-2.3
Waterloo-Cedar Falls, IA	39,587	41,339	4.4	42,234	42,824	1.4
Watertown-Fort Drum, NY	45,260	44,301	-2.1	45,844	43,907	-4.2
Wausau, WI	38,048	39,399	3.5	39,911	40,439	1.3
Weirton-Steubenville, WV-OH	31,881	33,052	3.7	34,506	36,116	4.7
Wenatchee, WA	36,069	37,067	2.8	37,137	36,526	-1.6
Wheeling, WV-OH	34,349	36,131	5.2	37,651	39,748	5.6
Wichita Falls, TX	39,217	40,379	3.0	41,536	42,092	1.3
Wichita, KS	40,039	41,152	2.8	41,983	42,793	1.9
Williamsport, PA	36,833	38,239	3.8	38,401	39,070	1.7
Wilmington, NC	35,933	36,514	1.6	36,979	36,885	-0.3
Winchester, VA-WV	35,725	36,955	3.4	37,714	38,176	1.2
Winston-Salem, NC	36,067	37,625	4.3	37,999	39,277	3.4
Worcester, MA-CT	45,473	46,902	3.1	41,886	42,199	0.7

Appendix Table 5. Real Per Capita Personal Income by Metropolitan Area, 2011 and 2012

	Per Capi	ta Personal Incom Dollars	ie	Real Per Capita Personal Income Dollars			
	2011	2012	Percent growth	2011	2012	Percent growth	
Yakima, WA	33,763	34,686	2.7	34,582	34,707	0.4	
York-Hanover, PA	39,329	40,124	2.0	39,502	39,549	0.1	
Youngstown-Warren-Boardman, OH-PA	34,374	35,260	2.6	36,914	37,638	2.0	
Yuba City, CA	33,467	34,763	3.9	33,460	33,553	0.3	
Yuma, AZ	27,385	26,995	-1.4	27,712	27,447	-1.0	
United States nonmetropolitan portion	34,018	35,324	3.8	36,911	38,125	3.3	
United States	42,298	43,735	3.4	40,663	41,282	1.5	
Maximum	79,099	83,049	9.5	76,841	80,504	7.9	
Minimum	22,127	22,400	-2.8	24,399	25,008	-5.4	
Range	56,972	60,649	12.4	52,442	55,495	13.3	