

Forecasting 2020 U.S. County and MSA Populations

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ABSTRACT

Population growth at the county level can be predicted using widely available demographic and economic data. Past recent growth, the presence of immigrants, the fraction of population older than 25 and younger than 65, low taxes, and good weather are all positively associated with population growth. Our forecasts reveal that most growth and real estate development will occur in the West, Sunbelt, and along the Southern I-85 route. However, our model only accounts for 75 percent of the variance in growth experiences between 1980 and 2000, with the other 25 percent explained by “surprise” events. Many unexpected places will be winners or losers in the game of future local real estate development. A companion spreadsheet of our population predictions at the county level (metropolitan counties) is available in the Working Paper section of the Zell-Lurie Real Estate Center Website

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Whether using explicit statistical models, recent information on the evolution of local markets, conversations with friends, the latest headlines in the local newspaper, or gut feelings, real estate entrepreneurs are constantly guessing the future demand for their product. Population growth is associated with increased residential demand, increased demand in the office and distribution sectors, and more shoppers to patronize local retail. In short, population growth drives real estate development opportunities.

We examine the key statistical determinants of population growth in U.S. metropolitan counties, identifying characteristics that are important predictors of subsequent population growth. From our statistical analysis we gain a better understanding of the conceptual underpinnings of the population growth across U.S. metropolitan counties during the last 30 years. In addition to learning what makes cities “tick,” we are also able to make predictions of population growth for all metropolitan counties in the U.S.

It is perilous to predict the future. However, our model accurately describes the population growth that took place from 1980 to 2000, and past growth forecasts future growth relatively accurately. We therefore believe that our estimates for 2000-2020 population growth will prove to be not too far off the mark. Nevertheless, our statistical work fails to account for about a quarter of all the variation in county population growth. That is, growth surprises do occur, and in some cases they matter a lot. In the 1950s, who would have predicted that Benton County, Arkansas, would emerge as the center of the biggest commercial empire in world history? Spurred by the phenomenal growth of Wal-Mart, Benton County makes the Census list of top 70 counties by population growth. The point is that our statistical analysis cannot predict who the next Sam Walton will be, and where he or she will be based.

POPULATION GROWTH 1980-2000

Regression analysis allows us to identify some of the key variables that predict future population growth. We explore a variety of variables at the county level. Examples include demographic variables (such as the percentage of individuals older than 65), fiscal variables (such as taxes) and geographic factors (such as local weather and elevation). These variables have predictive power for several reasons. First, they capture attributes of an area that cause it to grow economically, and therefore attract employees. Firm productivity varies across locales for several reasons: the skills and education of their population; accessibility to markets and transportation nodes; the impact of local public finances (taxes and expenditures); and agglomeration economies. The latter refers to firms becoming more productive if they locate closer to similar firms, enabling them to share information, infrastructures, and a pool of relevant workers, and to reduce the transportation costs of their common input and output transactions.

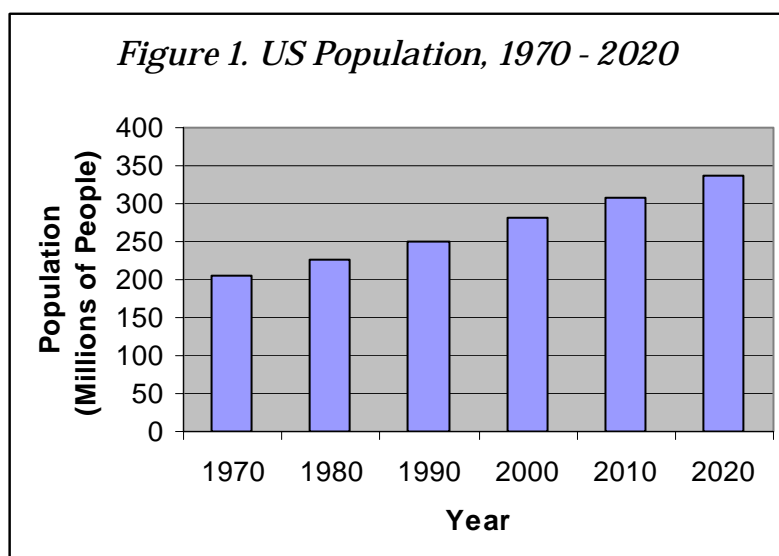
Other variables predict how attractive an area is for prospective inhabitants due to local amenities. Research by Edward Glaeser, Jed Kolko, and Albert Saiz (2001) demonstrates that cities are becoming as important in terms of *consumption* as they used to be in terms of traditional *productivity*. The capacity to generate and retain amenities adds considerably to the appeal of a city. Some cities will attract high-income residents with varied shopping experiences, proximity to attractive activities, good schools, and a strong social milieu that is conducive to both work and play. The attraction to a city on the basis of its physical and social environment represents a major paradigm shift; whereas people formerly followed jobs, jobs now also follow workers.

Thanks to information and ethnic networks, people tend to move to areas where they have social contacts. Thus, metropolitan areas with large immigrant populations, for example, tend to attract yet more immigrants. In addition, the characteristics of the population of a county can predict population growth for simple biological reasons: younger populations tend to be more fertile, while the elderly experience higher mortality rates. Finally, some variables are good predictors of

population growth even though they are difficult to measure: a vibrant lifestyle, an openness to entrepreneurs, a good climate, and so on.

This study focuses on “metropolitan counties” as defined by the Office of Management and Budget (OMB) in 2000. These are counties that belong to OMB-defined metropolitan areas which are major population centers. We limit ourselves to the continental U.S., excluding Hawaii, Alaska and Puerto Rico. The 804 counties that we examine in our analysis represent 76 percent of all U.S. population in 2000.

The U.S. population has grown by about 10 percent every decade since 1970, and is predicted to continue doing so through 2020. In the 2000, the population was estimated to be 282 million, and by 2020 it is expected to grow to 336 million. This means that



between 2000 and 2020 the population will increase by a staggering 53.7 million. Where will these people live? Our statistical model addresses this question by analyzing county population growth across all metropolitan counties between 1980 and 2000. The focus is on long term urban population growth.

Whereas most of the previous research on city growth has focused on percentage population growth, we use a more relevant growth metric that recognizes that in very small counties, growth rates can be extremely high although the actual number of new people moving into the area is very

small. We calculate the share of county population as a percentage of *total* U.S. population, and use the change in that share between 1980 and 2000 in our statistical analysis. To the best of our knowledge, this is the first time this particular variable has been used in the context of long term growth. Since this measure is relative to the total size of the population, we combine our regression results with Census projections of future population growth to forecast local growth. Table I shows the results of a regression analysis of the change in total population share 1980-2000 as a function of a number of county characteristics in 1980.

The dependent variable in the regressions is multiplied by 10,000 so that our regression coefficients do not display an inordinate number of decimal positions. Table I presents the results, including a variable that has high forecasting power: the “population market share capture” of the county during the period 1970-1980 (growth in the recent past). Thus, we find that recent past growth forecasts future growth. This regression accounts for 75 percent of the variability in county growth.

Our model is rich in specification, including 26 local economic, demographic, political, climatologic, geological, and housing variables. We will focus primarily on describing the impacts of the variables that are most statistically significant, although we will comment on a few variables that we expected to be more important. We begin by noting the importance of recent growth. Our results confirm this result of previous research that used data from different countries, and different geographic definitions (for example, city level forecasts), population growth definitions, and time periods. Everyone (including us) finds that even after controlling for a variety of other variables population growth is extremely persistent; absent other information, the best way to predict a county’s population growth is to look at how much it grew in the past decade. It appears that the forces that shape an area’s attractiveness have persistent impacts.

TABLE I	
<i>US Metropolitan County Growth Model</i>	
	US Population Share Change 1980-2000
Share Foreign Born in 1980	12.621*
% with bachelor's degree or higher in 1980	-0.132
% with less than a high school diploma in 1980	-0.188
% White in 1980	0.184
% over 65 years old in 1980	-10.873*
% under 25 years old in 1980	-9.035*
Income Tax per capita / Income per capita in 1980	34.189
Sales Tax per capita / Income per capita in 1980	-23.86*
Log Population Density in 1980	0.512
Log Density Squared in 1980	-0.050
Presidential Election Vote Over 55% Republican in 1980	-0.193
Presidential Election Vote Below 45% Republican in 1980	0.317*
All State Senators Republican in 1980	-0.407
All State Senators Democrat in 1980	-0.195
Log Average Precipitation	-0.681
Log Average Snowfall	-0.238
Log January Average Temperature	0.282
Log Average January Sun Days	1.101*
Share Housing Older than 30 years	3.040*
Share Housing Newer than 11 years	5.206*
=1 if county borders an ocean or a Great Lake	-0.684*
Hills or Mountains in County	-0.079
Northeast	-0.349
South	-0.357
West	0.351*
US Population Share Change 1970-1980	1.026*
Constant	-2.011
Observations	805
R-squared	0.76
Robust standard errors in parentheses	
*Significant at 10%	

Immigration has become a primary driver of population growth. In the 1960s, most Americans claimed European or African ancestry, and the number of foreign-born households was relatively low. Between now and 2050, immigrants and their offspring will account for about half of the total growth in U.S. population, and Americans of European and African origin will become *primi inter pares* in a country of Mexican-Americans, Chinese-Americans, Korean-Americans, Indian-Americans, Filipino-Americans, and many others.

It is obvious that immigration will be a key element of county-level growth, but can we forecast where immigrants will settle? The answer to the question is a qualified yes. Immigrants tend to concentrate wherever previous immigrants have settled. Kinship ties, shared language, and the existence of common amenities and public goods, make “immigrant enclaves” attractive to subsequent immigrants. Thus, a county’s share of the foreign-born in 1980 was an important predictor of population growth from 1980-2000. And so it will be in the future.

Previous research by Edward Glaeser and Albert Saiz (2003) has shown that during the last century local educational achievement has been an important explanatory factor for population growth in cities. In short, smart cities grow faster. We find the same to be true at the county level. Specifically, counties with lower shares of high-school dropouts grew more quickly. However, education is a weaker predictor of county growth than metropolitan growth, especially when one includes previous growth trends. This means that education has an important long-run impact, but that short-term changes in education levels are not powerful predictors of short-term changes in growth patterns. Metropolitan areas with highly educated individuals are more productive, allowing them to pay higher wages, which attracts population inflows. On the other hand, highly educated populations are typically more effective in curtailing local residential development at the local level, and may be a counter influence on population growth.

The age distribution of the population is another predictor of future growth, that is, very young and very old populations tend to grow more slowly. Specifically, we find that population growth is negatively related to both the share of people younger than 25, and older than 65, reflecting the fact that households in their prime earning years are typically older than 25, and younger than 65. Moreover, areas with a major proportion of older residents are less attractive to younger generations.

Tax rates are not uniform for different municipalities. We use data from the Census of Governments on local taxation (municipal and county) to create two measures of fiscal burden, income taxes and the sales tax. Furthermore, since different individuals typically face different tax

rates depending on their location, income, and type of business, we use total tax revenues per capita divided by income per capita to measure a county's tax burden. A high degree of taxation may make a county less attractive to taxpayers and entrepreneurs. On the other hand, higher tax revenues may be associated with a better public schools and public services. Our statistical analysis reveals that the local sales tax burden is generally associated with slower population growth. Since all tax measures are strongly associated, we tentatively conclude that higher taxation discourages local growth. We suspect, however, that the efficiency of local government in spending sensibly, and government efficiency in providing key public services are also important. Studying the factors that are associated with local mismanagement or good government remains a topic for future research.

We find that population density also matters, although in a complex way. Counties with very low densities tended to grow more slowly. But above a certain threshold, *higher* density is associated with slower growth. This threshold population density corresponds with a median county density of 60 persons per square mile. Therefore, density increases growth up to about 60 people per square mile, after which amenity levels drop and population growth diminishes.

The impact of demography on politics is a hotly debated topic by political scientists and media pundits. Observations on the growth of "red" states and the demise of "blue" states are commonplace. If we run our analysis with politics as the only variable, we find that Republican-dominated counties (based upon presidential and senatorial election data from early 1980s) do tend to grow faster. However, this can be explained by other variables. Republican-dominated counties were already rapidly growing, so it is possible that the new rapidly growing areas are attracting individuals with a more libertarian or conservative outlook. Moreover, many of the metropolitan areas in "red" states have geographic attributes that are associated with growth. When we control for these other factors, we find that political orientation is not strongly associated with growth. There is a weak link, however, between the 1980 presidential results and subsequent county growth. Almost half of the counties in our sample of 804 metropolitan counties had between 45 - 55 percent support for Ronald Reagan. A number of counties were more polarized, with more than a 55 percent share

for either Reagan (about 40 percent) or Carter (about 12 percent). These strongly Democratic counties grew significantly faster during the 1980-2000 period, controlling for a host of other variables. It is unclear why.

Some of the most powerful predictors of county population growth during our sample years are weather-related. Briefly put, Americans are rapidly leaving cold, damp, and snowy areas for sunnier and drier climates. Both a West regional indicator and “good weather” variables are strong predictors of population growth. All of the weather variables (snowfall, precipitation, temperature, and sun days) are interrelated, with the number of sun days in January being the variable that comes out more strongly in our analysis. In short, people are moving to “the bright side.” We speculate that there may be a geopolitical economic shift from the Atlantic to the Pacific area, motivated by changing trade links and the emergence of China and India as global powerhouses. The impact of globalization on population growth remains an understudied topic for future exploration.

The age distribution of the county’s housing stock also has some predictive power, confirming previous research by Edward Glaeser and Joseph Gyourko (2005). Areas with large amounts of new housing have three important attributes that favor growth: they are favorably inclined to development; they have a large recent demand relative to pre-existing housing; and their housing stock is more in line with modern housing preferences. Interestingly, there is some (weak) evidence that having a very old housing stock is mildly correlated with relatively faster growth than would otherwise be the case. The very old housing stock that has survived was generally built for high-income families, hence are of good quality. Since declining cities such as New Orleans, Detroit, and Buffalo have massive and valuable housing stocks, reduced housing demand translated into lower housing prices, and made these cities a bit less unattractive. All things equal, areas with older housing stocks experienced slower decline than expected.

Counties that are adjacent to the coastlines of the Atlantic, Pacific, and Great Lakes, tend to grow more slowly than inland counties. Coastal areas in the west and northeast often have restrictive zoning, which raises prices and discourages growth. However, there appears to be no relationship

between the altitude of a county and its growth. This is a somewhat surprising findings, as mountain areas are generally popular.

A LOOK AT 2020

Combining county characteristics with our statistical growth model and Census projections of total population in 2020, we obtain county and MSA population forecasts for 2020. Table II details the counties which are the biggest projected population losers. Also displayed are their MSAs, our estimate of population losses (expressed in both levels and as a percentage of the 2000 population), our estimate of population levels in 2020, and previous population gains or losses over the 1980-2000 period. Due to the fact that we used the change in the shares of the total population, 5 counties display negative population predictions for 2020, which we replace by zero. Our expectations for these counties are bleak, notwithstanding the fact that we do not know exactly what number of people will actually be living there.

Baltimore has the dubious honor of being ranked the biggest loser by 2020. That city (which is also a county) is forecast to lose about 100,000 residents, or about 15 percent of its year 2000 population. Most other counties that we expect to decline are in the Rustbelt.

Interestingly, 10 percent (5 out of 50) of the bottom counties are in the New Orleans metropolitan area. (And this is without factoring in the impact of Katrina.) In other words, New Orleans was the rare case of a Sunbelt area that was losing population like a Rustbelt area. According to research by Donald Davis and David Weinstein (2002), who used data from the bombing of Japanese cities during World War II, the impact of major disasters on a city's population growth tends to dissipate over time. Remarkably, they found that the cities that lost more population during the war grew faster after, and their populations after 20 years were at the point that one would have predicted by looking at pre-War growth trends. Thus, we are very pessimistic about New Orleans' growth over the next 20 years, irrespective of what aid flows to this area.

Table III displays the “winners” in terms of forecasted county growth. Big counties in major metropolitan areas tend to dominate. Insofar as the U.S. population is growing, and the share of population captured by a county is not declining too quickly, big counties are expected to grow because of general population growth trends. However, Table III also captures the massive expected growth of relatively new areas, such as Maricopa County, the top county in terms of expected population growth in 2020. It is apparent that most of the big growth counties are in the West, the Sunbelt, and the Southern I-85 corridor linking Atlanta with Raleigh, N.C. Our results reveal that prospective real estate developers had better buy a good pair of sunglasses and some sunblock.

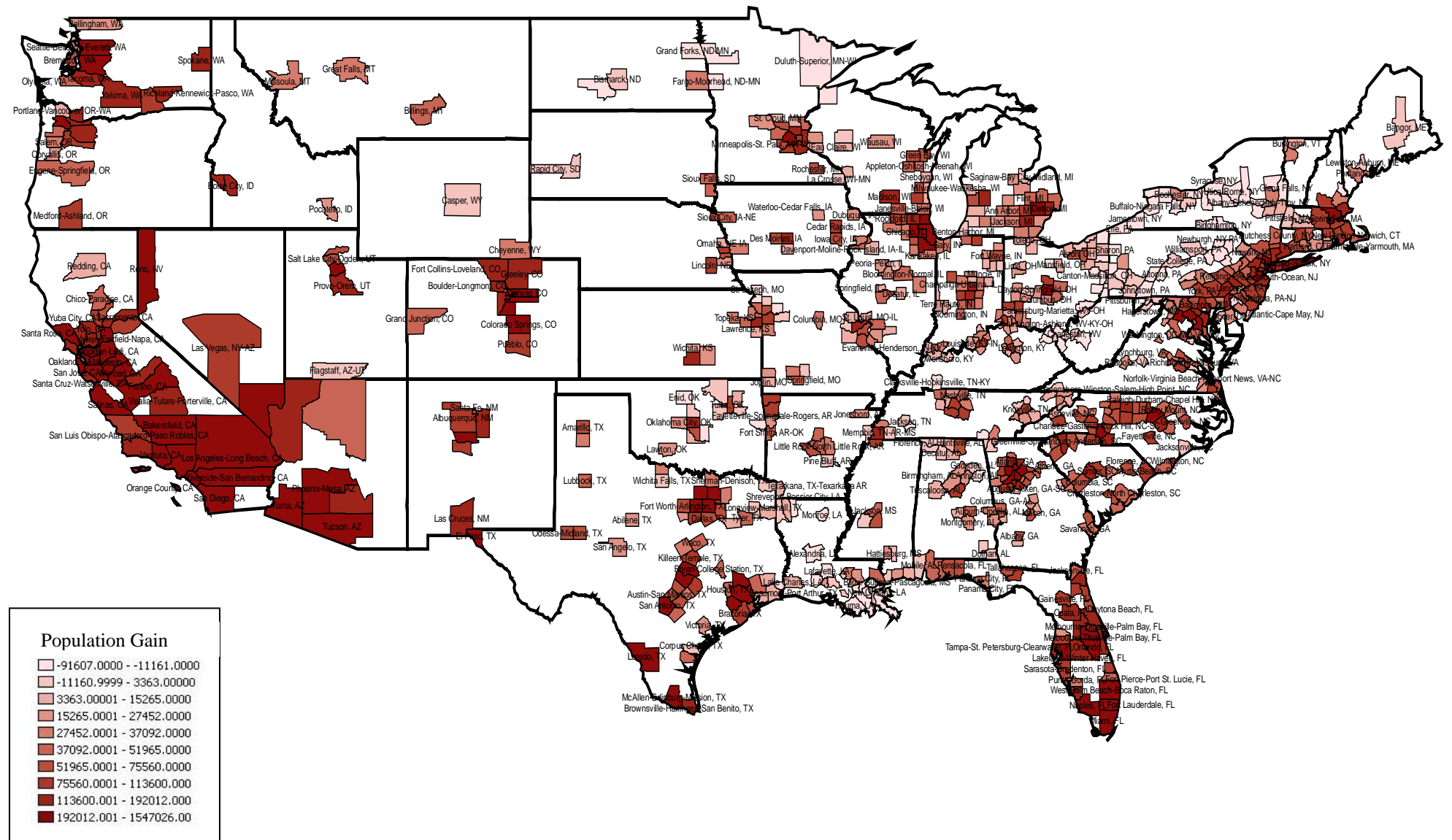
TABLE II***Biggest Population Loss Counties (2020 Forecast)***

Rank	County Name	Metropolitan Area	Population Loss 2020-2000	Forecast: Population in 2020	Loss as Percentage of 2000 Population	Population Loss/Gain 2000-1980
1	Baltimore	Baltimore, MD	-91,607	556,950	-14.1%	-137,751
2	Oswego	Syracuse, NY	-62,809	59,728	-51.3%	8,762
3	Herkimer	Utica-Rome, NY	-59,174	5,217	-91.9%	-2,272
4	Cayuga	Syracuse, NY	-56,550	25,388	-69.0%	1,986
5	Chautauqua	Jamestown, NY	-49,891	89,698	-35.7%	-7,372
6	Allegheny	Pittsburgh, PA	-48,588	1,231,395	-3.8%	-168,271
7	Cambria	Johnstown, PA	-48,233	103,997	-31.7%	-30,756
8	St. Charles	New Orleans, LA	-48,196	0	-100%	10,713
9	Terrebonne	Houma, LA	-47,720	56,804	-45.7%	9,541
10	St. Bernard	New Orleans, LA	-47,531	19,484	-70.9%	2,620
11	Lafourche	Houma, LA	-41,959	47,996	-46.6%	6,621
12	Erie	Buffalo-Niagara Falls, NY	-40,544	908,823	-4.3%	-64,847
13	St. John the Baptist	New Orleans, LA	-39,592	3,547	-91.8%	10,852
14	Grand Forks	Grand Forks, ND-MN	-38,635	27,233	-58.7%	-403
15	Erie	Erie, PA	-38,486	242,201	-13.7%	644
16	Ashtabula	Cleveland-Lorain-Elyria, OH	-37,191	65,579	-36.2%	-1,249
17	Somerset	Johnstown, PA	-36,894	43,131	-46.1%	-1,261
18	Oneida	Utica-Rome, NY	-36,758	198,450	-15.6%	-18,352
19	Madison	Syracuse, NY	-36,066	33,378	-51.9%	4,187
20	Belmont	Wheeling, WV-OH	-34,829	35,290	-49.7%	-12,345
21	St. Louis	St. Louis, MO-IL	-33,793	312,975	-9.7%	-104,344
22	Orleans	Rochester, NY	-33,150	11,028	-75.0%	5,652
23	Acadia	Lafayette, LA	-32,338	26,489	-55.0%	2,196
24	Mercer	Sharon, PA	-32,073	88,113	-26.7%	-8,019
25	Ouachita	Monroe, LA	-31,782	115,441	-21.6%	7,569
26	Schoharie	Albany-Schenectady-Troy, NY	-30,077	1,516	-95.2%	1,886
27	Webster	Shreveport-Bossier City, LA	-29,886	11,849	-71.6%	-1,923
28	Rapides	Alexandria, LA	-28,461	97,952	-22.5%	-9,009
29	Douglas	Duluth-Superior, MN-WI	-28,419	14,988	-65.5%	-1,156
30	Livingston	Rochester, NY	-27,988	36,395	-43.5%	7,298
31	Plaquemines	New Orleans, LA	-26,746	0	-100%	645
32	Tioga	Binghamton, NY	-26,731	25,021	-51.7%	1,821
33	Ohio	Wheeling, WV-OH	-26,563	20,771	-56.1%	-14,010
34	Columbia	Scranton-Wilkes-Barre-Hazleton, PA	-26,520	37,585	-41.4%	2,036
35	Strafford	Boston-Worcester-Lawrence, MA-NH	-26,439	86,241	-23.5%	26,746
36	Carroll	Canton-Massillon, OH	-26,412	2,467	-91.5%	3,288
37	Chemung	Elmira, NY	-25,628	65,413	-28.1%	-6,402
38	Niagara	Buffalo-Niagara Falls, NY	-24,756	194,829	-11.3%	-7,476
39	Calhoun	Anniston, AL	-24,576	86,764	-22.1%	-8,676
40	Wayne	Rochester, NY	-24,492	69,276	-26.1%	8,996
41	Onondaga	Syracuse, NY	-24,414	434,030	-5.3%	-5,288
42	Morton	Bismarck, ND	-24,052	1,273	-95.0%	99
43	Wayne	Huntington-Ashland, WV-KY-OH	-23,953	18,958	-55.8%	-3,136
44	Polk	Grand Forks, ND-MN	-23,628	7,752	-75.3%	-3,423
45	Genesee	Rochester, NY	-23,423	36,901	-38.8%	828
46	Lawrence	Huntington-Ashland, WV-KY-OH	-21,975	40,308	-35.3%	-1,459
47	Sequoyah	Fort Smith, AR-OK	-21,946	17,114	-56.2%	8,282
48	Broome	Binghamton, NY	-21,465	178,829	-10.7%	-13,414
49	Philadelphia	Philadelphia, PA-NJ	-21,309	1,492,375	-1.4%	-171,750
50	St. James	New Orleans, LA	-21,194	0	-100%	-370

TABLE III***Biggest Population Gain Counties (2020 Forecast)***

Rank	County Name	Metropolitan Area	Population Gain 2020-2000	Forecast: Population in 2020	Gain as Percentage of 2000 Population	Population Gain 2000-1980
1	Maricopa	Phoenix-Mesa, AZ	1,547,026	4,643,369	50.0%	1,575,503
2	Los Angeles	Los Angeles-Long Beach, CA	1,414,155	11,000,000	14.8%	2,038,470
3	Clark	Las Vegas, NV-AZ	1,120,793	2,513,962	80.4%	923,984
4	Harris	Houston, TX	958,645	4,373,626	28.1%	976,442
5	Orange	Orange County, CA	853,954	3,710,400	29.9%	908,379
6	Miami-Dade	Miami, FL	722,061	2,982,303	31.9%	617,110
7	Riverside	Riverside-San Bernardino, CA	681,484	2,241,310	43.7%	890,353
8	Broward	Fort Lauderdale, FL	677,134	2,309,574	41.5%	606,378
9	Dallas	Dallas, TX	642,464	2,867,806	28.9%	659,694
10	San Diego	San Diego, CA	634,780	3,459,858	22.5%	949,458
11	Queens	New York, NY	610,051	2,840,947	27.3%	336,600
12	Cook	Chicago, IL	604,597	5,981,749	11.2%	128,274
13	San Bernardino	Riverside-San Bernardino, CA	569,074	2,288,002	33.1%	815,972
14	Santa Clara	San Jose, CA	497,900	2,184,374	29.5%	384,959
15	Tarrant	Fort Worth-Arlington, TX	480,496	1,934,957	33.0%	586,130
16	Palm Beach	West Palm Beach-Boca Raton, FL	466,127	1,601,782	41.0%	549,913
17	Gwinnett	Atlanta, GA	443,177	1,039,634	74.3%	427,113
18	Collin	Dallas, TX	438,551	938,606	87.7%	353,516
19	Orange	Orlando, FL	433,910	1,336,228	48.1%	427,576
20	Travis	Austin-San Marcos, TX	424,739	1,244,583	51.8%	397,846
21	King	Seattle-Bellevue-Everett, WA	424,664	2,163,580	24.4%	462,391
22	Kings	New York, NY	413,431	2,879,690	16.8%	232,473
23	Alameda	Oakland, CA	412,117	1,862,524	28.4%	340,476
24	Hidalgo	McAllen-Edinburg-Mission, TX	396,458	970,381	69.1%	287,383
25	Wake	Raleigh-Durham-Chapel Hill, NC	392,122	1,025,270	61.9%	329,792
26	Pima	Tucson, AZ	380,615	1,229,259	44.8%	312,864
27	Bexar	San Antonio, TX	374,932	1,772,749	26.8%	402,676
28	Contra Costa	Oakland, CA	358,894	1,312,457	37.6%	294,780
29	Mecklenburg	Charlotte-Gastonia-Rock Hill, NC-SC	349,854	1,050,071	50.0%	293,722
30	Fulton	Atlanta, GA	331,074	1,148,117	40.5%	224,253
31	Montgomery	Washington, DC-MD-VA-WV	326,464	1,204,245	37.2%	295,728
32	Hillsborough	Tampa-St. Petersburg-Clearwater, FL	321,649	1,324,731	32.1%	351,249
33	San Francisco	San Francisco, CA	315,630	1,092,232	40.6%	95,772
34	Fresno	Fresno, CA	315,146	1,117,160	39.3%	284,335
35	Cobb	Atlanta, GA	307,450	920,222	50.2%	312,184
36	Sacramento	Sacramento, CA	302,821	1,532,860	24.6%	441,764
37	Denton	Dallas, TX	301,085	739,896	68.6%	293,360
38	Kern	Bakersfield, CA	297,696	961,370	44.9%	257,267
39	Bronx	New York, NY	297,217	1,631,465	22.3%	165,845
40	San Mateo	San Francisco, CA	292,084	1,000,422	41.2%	119,896
41	El Paso	El Paso, TX	285,652	967,352	41.9%	197,989
42	Salt Lake	Salt Lake City-Ogden, UT	284,412	1,185,036	31.6%	276,617
43	Fort Bend	Houston, TX	283,281	642,237	78.9%	225,689
44	Will	Chicago, IL	279,533	787,760	55.0%	183,253
45	Douglas	Denver, CO	277,818	458,222	154.0%	154,785
46	Ventura	Ventura, CA	269,157	1,025,782	35.6%	223,798
47	San Joaquin	Stockton-Lodi, CA	268,931	837,094	47.3%	217,859
48	Washington	Portland-Vancouver, OR-WA	266,919	715,361	59.5%	200,680
49	DeKalb	Atlanta, GA	262,934	931,246	39.3%	184,219
50	Washoe	Reno, NV	259,487	600,804	76.0%	145,945

Figure 2: Map: Expected Population Growth in Metropolitan Counties 2000-2020



The map (Figure 2) displays the expected population growth for all metropolitan counties. Since we are measuring overall population growth numbers, rather than percentage growth, the Northeastern metropolitan counties are shown to expect considerable growth in numbers even if percentage growth there will be relatively slow. Otherwise, growth will be concentrated in California, Arizona, New Mexico, Florida, the greater Seattle metropolitan area, Salt Lake City, the Denver North-South corridor, Texas, the Atlanta-Charlotte-Raleigh corridor, and the Chicago-Madison region.

Lastly, Table IV displays our population growth forecasts for all U.S. metropolitan areas used in our analysis, based upon our county level forecasts and year 2000 MSA definitions. In this case, we rank metropolitan areas according to their expected population gains (or losses). A small number of major metropolitan areas are forecasted to lose population by 2020: New Orleans, Syracuse, Rochester, Buffalo, Pittsburgh, and Youngstown-Warren.

The central cities of many other Rustbelt MSAs will continue to lose population. However, modest gains in their suburbs will offset further population decline from their MSAs. Notwithstanding mild positive metropolitan area growth, the cities of Cleveland, Philadelphia, Detroit, Milwaukee, New Haven, and Saint Louis are all expected to lag behind general U.S. population growth patterns through 2020.

Atlanta, Chicago, Phoenix, New York, Dallas, Houston, Los Angeles, Orlando, and Denver, are all predicted to experience substantial population inflows. However, if we look at *percentage growth* in the biggest metropolitan areas, the forecasts single out Las Vegas, driven by good weather, gambling, tourism and an easy lifestyle. The group of major metropolitan areas with very high expected *growth rates* includes Phoenix, Dallas, Houston, Denver, Orlando, Charlotte, Austin, and Raleigh-Durham-Chapel Hill, all of them in the Sunbelt.

CONCLUSION

Population growth at the county level can be predicted using widely available demographic and economic data. Past recent growth, the presence of immigrants, the fraction of population older than 25 and younger than 65, low taxes, and good weather are all positively associated with population growth. Our forecasts reveal that most growth and real estate development will occur in the West, Sunbelt, and along the Southern I-85 route. However, our model only accounts for 75 percent of the variance in growth experiences between 1980 and 2000, with the other 25 percent explained by “surprise” events. Many unexpected places will be winners or losers in the game of future local real estate development.

[A companion spreadsheet of our population predictions at the county level (metropolitan counties) is available in the Working Paper section of the Zell-Lurie Real Estate Center Website]

TABLE IV
Forecasts for Metropolitan Areas

MSA Code	MSA Name	Population Gain 2020-2000	Forecast: Population in 2020	Gain as Percentage of 2000 Population	Population Gain 2000-1980
5560	New Orleans, LA	-214,098	1,122,720	-16.02%	28,407
8160	Syracuse, NY	-179,839	552,524	-24.56%	9,647
8680	Utica-Rome, NY	-95,932	203,667	-32.02%	-20,624
6840	Rochester, NY	-91,710	1,007,018	-8.35%	66,504
3350	Houma, LA	-89,678	104,801	-46.11%	16,162
3400	Huntington-Ashland, WV-KY-OH	-88,634	226,593	-28.12%	-21,159
3680	Johnstown, PA	-85,127	147,128	-36.65%	-32,017
9000	Wheeling, WV-OH	-73,815	79,035	-48.29%	-32,490
7560	Scranton-Wilkes-Barre-Hazleton, PA	-72,260	551,352	-11.59%	-35,478
1280	Buffalo-Niagara Falls, NY	-65,300	1,103,652	-5.59%	-72,323
2985	Grand Forks, ND-MN	-62,264	34,984	-64.03%	-3,826
6280	Pittsburgh, PA	-61,107	2,295,862	-2.59%	-211,721
3610	Jamestown, NY	-49,891	89,698	-35.74%	-7,372
960	Binghamton, NY	-48,197	203,849	-19.12%	-11,593
7000	St. Joseph, MO	-41,008	61,579	-39.97%	839
2240	Duluth-Superior, MN-WI	-39,580	204,258	-16.23%	-22,633
2360	Erie, PA	-38,486	242,201	-13.71%	644
2975	Glens Falls, NY	-32,592	91,755	-26.21%	14,622
7610	Sharon, PA	-32,073	88,113	-26.69%	-8,019
5200	Monroe, LA	-31,782	115,441	-21.59%	7,569
3880	Lafayette, LA	-28,768	357,055	-7.46%	52,901
220	Alexandria, LA	-28,461	97,952	-22.51%	-9,009
2335	Elmira, NY	-25,628	65,413	-28.15%	-6,402
3580	Jackson, TN	-24,707	82,844	-22.97%	19,997
450	Anniston, AL	-24,576	86,764	-22.07%	-8,676
7680	Shreveport-Bossier City, LA	-23,940	368,342	-6.10%	14,338
8080	Steubenville-Weirton, OH-WV	-20,951	110,720	-15.91%	-31,674
1010	Bismarck, ND	-20,688	74,143	-21.82%	14,629
2340	Enid, OK	-18,395	39,277	-31.90%	-5,507
1320	Canton-Massillon, OH	-16,106	390,848	-3.96%	2,589
280	Altoona, PA	-15,994	113,050	-12.39%	-7,399
6020	Parkersburg-Marietta, WV-OH	-15,946	135,126	-10.56%	-6,776
1480	Charleston, WV	-14,445	236,971	-5.75%	-18,306
2180	Dothan, AL	-11,659	126,386	-8.45%	15,067
9320	Youngstown-Warren, OH	-10,774	583,313	-1.81%	-49,736
1900	Cumberland, MD-WV	-10,504	91,339	-10.31%	-6,025
733	Bangor, ME	-9,402	135,483	-6.49%	7,657
6240	Pine Bluff, AR	-7,693	76,526	-9.13%	-6,503
2650	Florence, AL	-7,273	135,726	-5.09%	7,677
4800	Mansfield, OH	-6,860	168,820	-3.90%	-5,510
5990	Owensboro, KY	-3,181	88,423	-3.47%	5,512
6323	Pittsfield, MA	-2,750	132,059	-2.04%	-10,272
870	Benton Harbor, MI	-2,459	160,152	-1.51%	-8,677
8050	State College, PA	-1,221	134,758	-0.90%	22,848
4640	Lynchburg, VA	-408	31,486	-1.28%	2,766

840	Beaumont-Port Arthur, TX	-392	384,345	-0.10%	9,940
1350	Casper, WY	703	67,253	1.06%	-5,973
6660	Rapid City, SD	788	89,559	0.89%	18,287
2030	Decatur, AL	1,420	147,481	0.97%	25,626
9140	Williamsport, PA	1,433	121,368	1.19%	1,664
2880	Gadsden, AL	1,475	104,775	1.43%	188
2290	Eau Claire, WI	1,881	150,490	1.27%	17,204
3605	Jacksonville, NC	1,881	152,104	1.25%	36,708
4243	Lewiston-Auburn, ME	1,882	105,747	1.81%	4,334
160	Albany-Schenectady-Troy, NY	2,442	878,789	0.28%	51,127
3960	Lake Charles, LA	4,423	187,943	2.41%	15,466
8600	Tuscaloosa, AL	5,708	170,773	3.46%	27,234
2620	Flagstaff, AZ-UT	5,737	128,455	4.67%	43,101
2040	Decatur, IL	7,833	122,316	6.84%	-16,722
6690	Redding, CA	8,631	172,457	5.27%	47,236
3870	La Crosse, WI-MN	8,783	135,790	6.92%	17,311
3285	Hattiesburg, MS	9,167	121,271	8.18%	21,665
8360	Texarkana, TX-Texarkana AR	9,616	139,348	7.41%	16,353
4420	Longview-Marshall, TX	10,000	218,747	4.79%	27,002
5280	Muncie, IN	11,638	130,312	9.81%	-9,720
9080	Wichita Falls, TX	12,167	152,500	8.67%	11,442
7620	Sheboygan, WI	13,685	126,439	12.14%	11,847
8003	Springfield, MA	17,322	626,271	2.84%	26,257
4200	Lawton, OK	18,354	132,918	16.02%	1,643
8940	Wausau, WI	18,751	144,653	14.89%	14,656
1890	Corvallis, OR	19,450	97,609	24.88%	9,688
8750	Victoria, TX	19,492	103,509	23.20%	14,640
3700	Jonesboro, AR	20,235	102,721	24.53%	19,182
6340	Pocatello, ID	20,306	95,888	26.87%	9,932
6980	St. Cloud, MN	20,384	188,460	12.13%	34,294
2520	Fargo-Moorhead, ND-MN	20,567	195,253	11.77%	36,707
920	Biloxi-Gulfport-Pascagoula, MS	21,056	385,880	5.77%	63,706
6800	Roanoke, VA	21,649	52,215	70.83%	7,255
1560	Chattanooga, TN-GA	21,785	487,506	4.68%	46,910
860	Bellingham, WA	22,245	189,847	13.27%	60,380
5523	New London-Norwich, CT	22,822	282,282	8.80%	20,232
4320	Lima, OH	24,528	179,689	15.81%	308
2190	Dover, DE	25,697	152,793	20.22%	28,816
40	Abilene, TX	25,700	152,162	20.32%	14,645
2200	Dubuque, IA	26,027	115,285	29.16%	-4,443
8920	Waterloo-Cedar Falls, IA	26,620	154,522	20.81%	-10,111
7200	San Angelo, TX	27,165	131,107	26.14%	18,619
1680	Cleveland-Lorain-Elyria, OH	27,723	2,278,531	1.23%	-25,649
3710	Joplin, MO	27,996	185,698	17.75%	29,857
7640	Sherman-Denison, TX	28,292	139,304	25.49%	20,894
6403	Portland, ME	28,451	294,410	10.70%	49,563
8440	Topeka, KS	28,967	199,014	17.03%	14,913
6600	Racine, WI	29,126	218,111	15.41%	16,006
8140	Sumter, SC	29,953	134,694	28.60%	16,005
1580	Cheyenne, WY	30,914	112,623	37.83%	12,715
3180	Hagerstown, MD	32,076	164,188	24.28%	19,108
5140	Missoula, MT	32,153	128,235	33.46%	19,967
8320	Terre Haute, IN	32,857	181,911	22.04%	-6,247
1400	Champaign-Urbana, IL	33,029	212,994	18.35%	11,085
8760	Vineland-Millville-Bridgeton, NJ	33,559	179,933	22.93%	13,286
580	Auburn-Opelika, AL	33,587	149,045	29.09%	38,848

2720	Fort Smith, AR-OK	34,256	242,220	16.47%	44,880
3740	Kankakee, IL	34,494	138,371	33.21%	991
3040	Great Falls, MT	34,777	114,960	43.37%	-444
1660	Clarksville-Hopkinsville, TN-KY	35,214	242,826	16.96%	57,025
8400	Toledo, OH	35,767	654,012	5.79%	1,080
1740	Columbia, MO	36,451	172,276	26.84%	35,049
6015	Panama City, FL	36,533	184,776	24.64%	49,925
3520	Jackson, MI	36,797	195,527	23.18%	7,176
6580	Punta Gorda, FL	36,808	179,076	25.87%	82,796
743	Barnstable-Yarmouth, MA	38,089	261,331	17.06%	74,395
3850	Kokomo, IN	38,952	140,478	38.37%	-2,033
7800	South Bend, IN	40,572	306,433	15.26%	24,509
3800	Kenosha, WI	41,300	191,369	27.52%	27,126
1880	Corpus Christi, TX	41,498	422,188	10.90%	52,875
2281	Dutchess County, NY	42,223	323,059	15.03%	35,499
1020	Bloomington, IN	42,526	163,219	35.23%	21,486
4600	Lubbock, TX	42,590	285,480	17.53%	30,773
5910	Olympia, WA	42,768	251,132	20.53%	83,039
1260	Bryan-College Station, TX	43,073	195,875	28.19%	57,397
4150	Lawrence, KS	44,253	144,435	44.17%	32,137
2980	Goldsboro, NC	44,584	157,914	39.34%	16,016
880	Billings, MT	45,375	174,928	35.02%	20,977
5160	Mobile, AL	46,107	587,572	8.52%	96,328
6960	Saginaw-Bay City-Midland, MI	47,027	450,122	11.67%	-18,197
6120	Peoria-Pekin, IL	48,334	395,520	13.92%	-18,716
2400	Eugene-Springfield, OR	48,683	372,096	15.05%	47,705
8800	Waco, TX	48,814	262,815	22.81%	42,547
2995	Grand Junction, CO	49,649	167,124	42.26%	34,679
3620	Janesville-Beloit, WI	49,866	202,404	32.69%	13,269
3720	Kalamazoo-Battle Creek, MI	50,234	503,553	11.08%	31,992
1040	Bloomington-Normal, IL	50,680	201,556	33.59%	31,522
8640	Tyler, TX	51,100	226,508	29.13%	46,092
1620	Chico-Paradise, CA	51,120	254,890	25.09%	58,942
2640	Flint, MI	51,640	488,593	11.82%	-12,178
7880	Springfield, IL	55,160	256,724	27.37%	13,784
3660	Johnson City-Kingsport-Bristol, TN-VA	56,740	468,693	13.77%	42,787
2655	Florence, SC	59,507	185,300	47.31%	15,272
2750	Fort Walton Beach, FL	60,088	231,048	35.15%	60,281
3080	Green Bay, WI	60,104	287,361	26.45%	51,522
3150	Greenville, NC	60,770	194,859	45.32%	43,509
1303	Burlington, VT	60,991	260,487	30.57%	44,066
2960	Gary, IN	61,366	693,187	9.71%	-9,798
240	Allentown-Bethlehem-Easton, PA	61,877	700,751	9.69%	87,073
760	Baton Rouge, LA	64,219	668,478	10.63%	107,056
1150	Bremerton, WA	64,615	297,141	27.79%	83,764
2920	Galveston-Texas City, TX	66,336	317,061	26.46%	53,697
3500	Iowa City, IA	67,275	178,637	60.41%	29,213
6680	Reading, PA	67,888	442,355	18.13%	61,451
80	Akron, OH	69,506	765,426	9.99%	35,586
5240	Montgomery, AL	69,693	403,185	20.90%	60,187
6820	Rochester, MN	69,929	194,773	56.01%	32,491
3240	Harrisburg-Lebanon-Carlisle, PA	73,652	703,441	11.69%	72,233
2000	Dayton-Springfield, OH	73,749	1,024,036	7.76%	8,136
560	Atlantic-Cape May, NJ	75,220	430,570	21.17%	78,030
120	Albany, GA	75,257	196,045	62.31%	7,942
6895	Rocky Mount, NC	75,297	218,350	52.64%	19,590

2440	Evansville-Henderson, IN-KY	75,351	371,650	25.43%	19,832
1540	Charlottesville, VA	75,660	111,255	212.56%	17,614
9280	York, PA	76,931	459,651	20.10%	69,121
3440	Huntsville, AL	77,994	421,489	22.71%	99,875
2330	Elkhart-Goshen, IN	78,776	262,283	42.93%	46,215
2560	Fayetteville, NC	79,882	382,720	26.38%	54,942
1360	Cedar Rapids, IA	80,226	272,448	41.74%	22,572
4040	Lansing-East Lansing, MI	80,470	528,894	17.95%	28,315
3200	Hamilton-Middletown, OH	80,717	414,402	24.19%	74,153
6560	Pueblo, CO	81,719	223,557	57.61%	15,826
5660	Newburgh, NY-PA	82,869	472,546	21.27%	110,789
7920	Springfield, MO	84,046	410,871	25.72%	98,242
480	Asheville, NC	84,180	310,850	37.14%	48,544
1145	Brazoria, TX	89,454	332,674	36.78%	72,371
3840	Knoxville, TN	89,876	779,010	13.04%	140,732
8560	Tulsa, OK	90,396	895,332	11.23%	143,935
320	Amarillo, TX	90,801	309,186	41.58%	43,855
7760	Sioux Falls, SD	90,809	264,347	52.33%	49,967
3920	Lafayette, IN	91,505	274,816	49.92%	29,799
1960	Davenport-Moline-Rock Island, IA-IL	95,229	454,124	26.53%	-26,173
7460	San Luis Obispo-Atascadero-Paso Robles, CA	96,291	343,969	38.88%	90,892
4000	Lancaster, PA	96,896	568,550	20.54%	108,234
4360	Lincoln, NE	97,268	348,458	38.72%	57,591
4890	Medford-Ashland, OR	103,137	284,977	56.72%	48,911
2900	Gainesville, FL	107,987	326,282	49.47%	66,072
1800	Columbus, GA-AL	108,793	383,768	39.56%	20,348
8480	Trenton, NJ	113,600	465,180	32.31%	43,784
5800	Odessa-Midland, TX	113,645	349,877	48.11%	35,223
3560	Jackson, MS	114,708	556,539	25.96%	78,649
5330	Myrtle Beach, SC	115,446	313,473	58.30%	95,558
9200	Wilmington, NC	116,943	351,356	49.89%	94,427
7840	Spokane, WA	118,094	536,767	28.21%	75,734
7520	Savannah, GA	119,243	412,557	40.65%	61,623
9260	Yakima, WA	122,911	345,620	55.19%	49,591
6080	Pensacola, FL	125,081	537,832	30.30%	120,921
5790	Ocala, FL	126,184	386,474	48.48%	136,072
7720	Sioux City, IA-NE	126,855	250,982	102.20%	6,502
460	Appleton-Oshkosh-Neenah, WI	128,178	487,724	35.65%	67,908
500	Athens, GA	132,142	286,186	85.78%	48,677
3060	Greeley, CO	133,687	316,851	72.99%	59,397
2670	Fort Collins-Loveland, CO	134,548	387,486	53.19%	102,847
2710	Fort Pierce-Port St. Lucie, FL	134,951	455,511	42.10%	166,790
4680	Macon, GA	135,454	458,665	41.91%	49,550
2760	Fort Wayne, IN	136,513	639,661	27.13%	58,955
7080	Salem, OR	138,556	486,786	39.79%	97,381
4720	Madison, WI	140,455	568,854	32.79%	104,045
1000	Birmingham, AL	143,657	1,066,520	15.57%	107,179
3810	Killeen-Temple, TX	143,878	458,080	45.79%	98,244
9040	Wichita, KS	144,657	690,690	26.49%	101,636
4900	Melbourne-Titusville-Palm Bay, FL	145,575	623,407	30.47%	202,168
1440	Charleston-North Charleston, SC	151,196	701,561	27.47%	116,750
8200	Tacoma, WA	151,866	855,827	21.57%	215,207
9160	Wilmington-Newark, DE-MD	156,082	744,400	26.53%	129,200
7485	Santa Cruz-Watsonville, CA	156,829	412,611	61.31%	66,477
3283	Hartford, CT	157,093	1,307,965	13.65%	97,414
6520	Provo-Orem, UT	160,268	531,128	43.22%	150,967

9340	Yuba City, CA	161,321	300,829	115.64%	37,120
9270	Yolo, CA	167,084	336,850	98.42%	55,975
6483	Providence-Warwick-Pawtucket, RI	167,874	1,132,863	17.40%	97,869
8240	Tallahassee, FL	169,427	454,505	59.43%	93,533
7480	Santa Barbara-Santa Maria-Lompoc, CA	170,907	570,653	42.75%	99,555
3980	Lakeland-Winter Haven, FL	173,954	659,358	35.84%	161,366
8780	Visalia-Tulare-Porterville, CA	174,369	543,214	47.27%	121,419
5880	Oklahoma City, OK	176,642	1,262,292	16.27%	219,202
6880	Rockford, IL	177,111	549,290	47.59%	45,928
2700	Fort Myers-Cape Coral, FL	177,526	621,315	40.00%	235,739
4400	Little Rock-North Little Rock, AR	180,592	765,784	30.86%	109,751
4100	Las Cruces, NM	180,911	355,891	103.39%	77,968
1125	Boulder-Longmont, CO	180,944	473,917	61.76%	102,038
1240	Brownsville-Harlingen-San Benito, TX	181,585	518,369	53.92%	124,840
2580	Fayetteville-Springdale-Rogers, AR	182,824	496,307	58.32%	134,430
4280	Lexington, KY	183,128	663,890	38.09%	109,151
5080	Milwaukee-Waukesha, WI	188,685	1,690,777	12.56%	105,433
7510	Sarasota-Bradenton, FL	197,219	789,935	33.27%	237,992
2020	Daytona Beach, FL	199,448	694,990	40.25%	222,894
7500	Santa Rosa, CA	200,535	660,873	43.56%	158,752
3290	Hickory-Morganton-Lenoir, NC	204,666	547,659	59.67%	71,925
6740	Richland-Kennewick-Pasco, WA	205,560	398,206	106.70%	47,131
2120	Des Moines, IA	206,664	664,268	45.16%	89,491
600	Augusta-Aiken, GA-SC	213,036	691,067	44.57%	113,691
4080	Laredo, TX	213,157	407,818	109.50%	94,180
4940	Merced, CA	215,010	426,643	101.60%	76,008
5345	Naples, FL	217,819	471,890	85.73%	166,567
1720	Colorado Springs, CO	222,520	742,011	42.83%	207,448
3000	Grand Rapids-Muskegon-Holland, MI	223,359	1,315,681	20.45%	249,302
4520	Louisville, KY-IN	223,650	1,251,377	21.76%	73,783
7490	Santa Fe, NM	224,125	372,235	151.32%	54,646
5483	New Haven-Bridgeport-Stamford, CT	225,394	1,934,985	13.18%	138,822
7120	Salinas, CA	228,776	631,809	56.76%	110,627
1760	Columbia, SC	229,297	767,509	42.60%	126,531
5720	Norfolk-Virginia Beach-Newport News, VA-NC	230,045	1,013,710	29.35%	295,293
4920	Memphis, TN-AR-MS	230,618	1,369,085	20.26%	200,074
9360	Yuma, AZ	236,192	396,899	146.97%	69,314
5190	Monmouth-Ocean, NJ	242,004	1,372,732	21.40%	278,713
3640	Jersey City, NJ	242,171	851,548	39.74%	50,785
5920	Omaha, NE-IA	244,940	963,811	34.07%	112,370
5170	Modesto, CA	247,120	696,910	54.94%	181,938
6720	Reno, NV	259,487	600,804	76.03%	145,945
440	Ann Arbor, MI	261,703	843,700	44.97%	126,842
8120	Stockton-Lodi, CA	268,931	837,094	47.33%	217,859
8735	Ventura, CA	269,157	1,025,782	35.57%	223,798
2320	El Paso, TX	285,652	967,352	41.90%	197,989
680	Bakersfield, CA	297,696	961,370	44.86%	257,267
1080	Boise City, ID	317,238	753,305	72.75%	178,033
8720	Vallejo-Fairfield-Napa, CA	331,254	853,006	63.49%	184,965
7040	St. Louis, MO-IL	337,622	2,944,132	12.95%	191,189
3160	Greenville-Spartanburg-Anderson, SC	366,869	1,332,334	38.00%	217,831
5380	Nassau-Suffolk, NY	369,709	3,130,120	13.39%	154,617
8520	Tucson, AZ	380,615	1,229,259	44.85%	312,864
4880	McAllen-Edinburg-Mission, TX	396,458	970,381	69.08%	287,383
875	Bergen-Passaic, NJ	399,718	1,776,350	29.04%	82,277
6760	Richmond-Petersburg, VA	406,660	1,077,913	60.58%	256,517

5360	Nashville, TN	416,861	1,652,993	33.72%	383,221
7160	Salt Lake City-Ogden, UT	420,031	1,758,405	31.38%	421,078
3600	Jacksonville, FL	421,801	1,525,501	38.22%	377,695
1640	Cincinnati, OH-KY-IN	425,905	2,076,104	25.81%	181,274
200	Albuquerque, NM	437,323	1,151,941	61.20%	196,532
1840	Columbus, OH	447,346	1,993,370	28.94%	328,268
5015	Middlesex-Somerset-Hunterdon, NJ	447,355	1,621,940	38.09%	286,127
3760	Kansas City, MO-KS	455,683	2,238,064	25.57%	330,831
8960	West Palm Beach-Boca Raton, FL	466,127	1,601,782	41.04%	549,913
720	Baltimore, MD	467,127	3,024,426	18.27%	353,914
2840	Fresno, CA	478,510	1,404,155	51.69%	344,006
5640	Newark, NJ	491,983	2,526,593	24.18%	71,462
7400	San Jose, CA	497,900	2,184,374	29.52%	384,959
2160	Detroit, MI	531,480	4,977,649	11.95%	72,320
6920	Sacramento, CA	538,971	2,177,470	32.89%	645,335
7240	San Antonio, TX	560,660	2,159,863	35.06%	503,432
8280	Tampa-St. Petersburg-Clearwater, FL	587,691	2,991,828	24.44%	777,162
3120	Greensboro-Winston-Salem-High Point, NC	600,863	1,856,583	47.85%	302,124
6160	Philadelphia, PA-NJ	604,153	5,708,962	11.83%	319,909
7320	San Diego, CA	634,780	3,459,858	22.47%	949,458
2800	Fort Worth-Arlington, TX	652,796	2,366,071	38.10%	713,971
3480	Indianapolis, IN	662,227	2,275,157	41.06%	305,763
7600	Seattle-Bellevue-Everett, WA	667,900	3,087,827	27.60%	758,548
2680	Fort Lauderdale, FL	677,134	2,309,574	41.48%	606,378
5000	Miami, FL	722,061	2,982,303	31.95%	617,110
5775	Oakland, CA	771,010	3,174,980	32.07%	635,256
7360	San Francisco, CA	776,304	2,508,855	44.81%	240,335
6440	Portland-Vancouver, OR-WA	834,721	2,760,577	43.34%	587,047
6640	Raleigh-Durham-Chapel Hill, NC	837,397	2,031,703	70.12%	526,350
640	Austin-San Marcos, TX	843,168	2,107,774	66.67%	675,024
5945	Orange County, CA	853,954	3,710,400	29.90%	908,379
1520	Charlotte-Gastonia-Rock Hill, NC-SC	884,449	2,393,562	58.61%	533,119
1123	Boston-Worcester-Lawrence-Lowell, MA-NH	927,833	7,000,417	15.28%	725,956
5960	Orlando, FL	932,809	2,589,134	56.32%	843,100
5120	Minneapolis-St. Paul, MN-WI	1,062,726	4,043,656	35.65%	774,385
2080	Denver, CO	1,161,122	3,283,739	54.70%	683,792
6780	Riverside-San Bernardino, CA	1,250,558	4,529,312	38.14%	1,706,325
4120	Las Vegas, NV-AZ	1,353,348	2,935,680	85.53%	1,047,239
8840	Washington, DC-MD-VA-WV	1,389,616	4,762,682	41.20%	832,437
4480	Los Angeles-Long Beach, CA	1,414,155	11,000,000	14.82%	2,038,470
3360	Houston, TX	1,552,407	5,753,543	36.95%	1,414,017
1920	Dallas, TX	1,624,924	5,168,165	45.86%	1,472,984
6200	Phoenix-Mesa, AZ	1,739,038	5,016,813	53.06%	1,665,593
1600	Chicago, IL	1,912,411	10,200,000	23.06%	1,044,858
5600	New York, NY	1,969,280	11,300,000	21.11%	1,044,813
520	Atlanta, GA	2,653,713	6,798,925	64.02%	1,898,202

REFERENCES

- Davis, Donald R., and David E. Weinstein (2002). “Bones, Bombs, and Break Points: The Geography of Economic Activity,” *American Economic Review* 92(5): 1269–1289.
- Glaeser, Edward L., and Joseph Gyourko (2005). “Urban Decline and Durable Housing,” *Journal of Political Economy* 113: 345-375.
- Glaeser, Edward L., Jed Kolko, and Albert Saiz (2001). “Consumer City,” *Journal of Economic Geography* 1: 27-50.
- Glaeser, Edward L., and Albert Saiz (2003). “The Rise of the Skilled City,” Discussion Paper #2050, Harvard Institute of Economic Research, Harvard University.

County FIPS	County Name	MSA Name	Population Gain 2020-2000	Forecast: Population in 2020	Gain as Percentage of 2000 Population	Population Gain 2000-1980	Population in 2000
48441	Taylor	Abilene, TX (MSA)	25,700	152,162	20.3%	14,645	126,462
39153	Summit	Akron, OH (PMSA)	62,624	606,176	11.5%	19,457	543,552
39133	Portage	Akron, OH (PMSA)	6,882	159,250	4.5%	16,129	152,368
13177	Lee	Albany, GA (MSA)	61,622	86,511	247.6%	13,046	24,889
13095	Dougherty	Albany, GA (MSA)	13,635	109,534	14.2%	-5,104	95,899
36091	Saratoga	Albany-Schenectady-Troy, NY (MSA)	34,999	236,450	17.4%	47,413	201,451
36001	Albany	Albany-Schenectady-Troy, NY (MSA)	13,482	308,059	4.6%	8,404	294,577
36083	Rensselaer	Albany-Schenectady-Troy, NY (MSA)	4,866	157,473	3.2%	610	152,607
36093	Schenectady	Albany-Schenectady-Troy, NY (MSA)	246	146,687	0.2%	-3,467	146,441
36057	Montgomery	Albany-Schenectady-Troy, NY (MSA)	-21,073	28,604	-42.4%	-3,719	49,677
36095	Schoharie	Albany-Schenectady-Troy, NY (MSA)	-30,077	1,516	-95.2%	1,886	31,593
35001	Bernalillo	Albuquerque, NM (MSA)	213,425	770,970	38.3%	135,250	557,545
35061	Valencia	Albuquerque, NM (MSA)	112,412	178,867	169.2%	5,327	66,455
35043	Sandoval	Albuquerque, NM (MSA)	111,486	202,104	123.0%	55,955	90,618
22079	Rapides	Alexandria, LA (MSA)	-28,461	97,952	-22.5%	-9,009	126,413
42077	Lehigh	Allentown-Bethlehem-Easton, PA (MSA)	41,801	354,376	13.4%	39,797	312,575
42095	Northampton	Allentown-Bethlehem-Easton, PA (MSA)	36,432	303,900	13.6%	41,814	267,468
42025	Carbon	Allentown-Bethlehem-Easton, PA (MSA)	-16,356	42,474	-27.8%	5,462	58,830
42013	Blair	Altoona, PA (MSA)	-15,994	113,050	-12.4%	-7,399	129,044
48375	Potter	Amarillo, TX (MSA)	57,655	171,371	50.7%	14,636	113,716
48381	Randall	Amarillo, TX (MSA)	33,146	137,815	31.7%	29,219	104,669
26161	Washtenaw	Ann Arbor, MI (PMSA)	131,777	456,195	40.6%	60,018	324,418
26093	Livingston	Ann Arbor, MI (PMSA)	95,069	253,539	60.0%	57,809	158,470
26091	Lenawee	Ann Arbor, MI (PMSA)	34,858	133,967	35.2%	9,015	99,109
1015	Calhoun	Anniston, AL (MSA)	-24,576	86,764	-22.1%	-8,676	111,340
55087	Outagamie	Appleton-Oshkosh-Neenah, WI (MSA)	54,423	216,214	33.6%	32,858	161,791
55139	Winnebago	Appleton-Oshkosh-Neenah, WI (MSA)	44,912	201,940	28.6%	25,282	157,028
55015	Calumet	Appleton-Oshkosh-Neenah, WI (MSA)	28,842	69,569	70.8%	9,768	40,727
37021	Buncombe	Asheville, NC (MSA)	80,248	287,217	38.8%	45,737	206,969
37115	Madison	Asheville, NC (MSA)	3,932	23,633	20.0%	2,807	19,701
13059	Clarke	Athens, GA (MSA)	53,135	154,915	52.2%	26,747	101,780
13219	Oconee	Athens, GA (MSA)	47,667	74,073	180.5%	13,881	26,406
13195	Madison	Athens, GA (MSA)	31,341	57,199	121.2%	8,049	25,858
13135	Gwinnett	Atlanta, GA (MSA)	443,177	1,039,634	74.3%	427,113	596,457
13121	Fulton	Atlanta, GA (MSA)	331,074	1,148,117	40.5%	224,253	817,043
13067	Cobb	Atlanta, GA (MSA)	307,450	920,222	50.2%	312,184	612,772
13089	DeKalb	Atlanta, GA (MSA)	262,934	931,246	39.3%	184,219	668,312
13117	Forsyth	Atlanta, GA (MSA)	165,304	265,820	164.5%	72,382	100,516
13151	Henry	Atlanta, GA (MSA)	152,220	273,848	125.2%	85,140	121,628
13063	Clayton	Atlanta, GA (MSA)	137,344	375,844	57.6%	87,252	238,500
13057	Cherokee	Atlanta, GA (MSA)	133,534	277,317	92.9%	91,538	143,783
13223	Paulding	Atlanta, GA (MSA)	111,802	194,837	134.6%	56,736	83,035
13077	Coweta	Atlanta, GA (MSA)	101,088	191,230	112.1%	50,656	90,142
13113	Fayette	Atlanta, GA (MSA)	84,901	177,014	92.2%	62,575	92,113
13013	Barrow	Atlanta, GA (MSA)	60,800	107,354	130.6%	25,072	46,554

13297	Walton	Atlanta, GA (MSA)	59,097	120,720	95.9%	30,420	61,623
13097	Douglas	Atlanta, GA (MSA)	58,985	151,693	63.6%	37,845	92,708
13217	Newton	Atlanta, GA (MSA)	58,668	121,579	93.3%	27,937	62,911
13247	Rockdale	Atlanta, GA (MSA)	51,826	122,369	73.5%	33,698	70,543
13015	Bartow	Atlanta, GA (MSA)	50,389	127,092	65.7%	35,802	76,703
13227	Pickens	Atlanta, GA (MSA)	45,633	69,000	195.3%	11,666	23,367
13045	Carroll	Atlanta, GA (MSA)	29,265	117,292	33.2%	31,366	88,027
13255	Spalding	Atlanta, GA (MSA)	8,225	66,700	14.1%	10,348	58,475
34001	Atlantic	Atlantic-Cape May, NJ (PMSA)	82,198	335,247	32.5%	58,483	253,049
34009	Cape May	Atlantic-Cape May, NJ (PMSA)	-6,977	95,324	-6.8%	19,547	102,301
1081	Lee	Auburn-Opelika, AL (MSA)	33,587	149,045	29.1%	38,848	115,458
13073	Columbia	Augusta-Aiken, GA-SC (MSA)	76,074	165,904	84.7%	49,361	89,830
45003	Aiken	Augusta-Aiken, GA-SC (MSA)	67,878	210,658	47.5%	36,823	142,780
45037	Edgefield	Augusta-Aiken, GA-SC (MSA)	37,350	61,949	151.8%	7,042	24,599
13245	Richmond	Augusta-Aiken, GA-SC (MSA)	34,780	234,325	17.4%	17,777	199,545
13189	McDuffie	Augusta-Aiken, GA-SC (MSA)	-3,045	18,232	-14.3%	2,688	21,277
48453	Travis	Austin-San Marcos, TX (MSA)	424,739	1,244,583	51.8%	397,846	819,844
48491	Williamson	Austin-San Marcos, TX (MSA)	243,679	498,647	95.6%	177,338	254,968
48021	Bastrop	Austin-San Marcos, TX (MSA)	81,805	140,116	140.3%	33,229	58,311
48209	Hays	Austin-San Marcos, TX (MSA)	62,752	161,754	63.4%	57,908	99,001
48055	Caldwell	Austin-San Marcos, TX (MSA)	30,194	62,676	93.0%	8,703	32,482
6029	Kern	Bakersfield, CA (MSA)	297,696	961,370	44.9%	257,267	663,674
24027	Howard	Baltimore, MD (PMSA)	168,351	417,918	67.5%	129,712	249,567
24005	Baltimore	Baltimore, MD (PMSA)	138,606	894,523	18.3%	100,039	755,917
24003	Anne Arundel	Baltimore, MD (PMSA)	120,320	611,703	24.5%	118,968	491,383
24025	Harford	Baltimore, MD (PMSA)	64,402	283,893	29.3%	73,097	219,491
24013	Carroll	Baltimore, MD (PMSA)	58,544	210,156	38.6%	54,759	151,612
24035	Queen Anne's	Baltimore, MD (PMSA)	8,511	49,283	20.9%	15,090	40,772
24510	Baltimore (Independent City)	Baltimore, MD (PMSA)	-91,607	556,950	-14.1%	-137,751	648,557
23019	Penobscot	Bangor, ME (NECMA)	-9,402	135,483	-6.5%	7,657	144,885
25001	Barnstable	Barnstable-Yarmouth, MA (NECMA)	38,089	261,331	17.1%	74,395	223,242
22033	East Baton Rouge	Baton Rouge, LA (MSA)	31,719	444,485	7.7%	44,483	412,766
22063	Livingston	Baton Rouge, LA (MSA)	24,578	117,149	26.6%	33,215	92,571
22005	Ascension	Baton Rouge, LA (MSA)	18,391	95,748	23.8%	26,933	77,357
22121	West Baton Rouge	Baton Rouge, LA (MSA)	-10,469	11,096	-48.5%	2,425	21,565
48245	Jefferson	Beaumont-Port Arthur, TX (MSA)	10,356	261,996	4.1%	2,121	251,639
48199	Hardin	Beaumont-Port Arthur, TX (MSA)	5,787	53,923	12.0%	7,245	48,136
48361	Orange	Beaumont-Port Arthur, TX (MSA)	-16,536	68,426	-19.5%	574	84,962
53073	Whatcom	Bellingham, WA (MSA)	22,245	189,847	13.3%	60,380	167,602
26021	Berrien	Benton Harbor, MI (MSA)	-2,459	160,152	-1.5%	-8,677	162,611
34003	Bergen	Bergen-Passaic, NJ (PMSA)	231,466	1,117,196	26.1%	39,826	885,730
34031	Passaic	Bergen-Passaic, NJ (PMSA)	168,252	659,154	34.3%	42,451	490,902
30111	Yellowstone	Billings, MT (MSA)	45,375	174,928	35.0%	20,977	129,553
28047	Harrison	Biloxi-Gulfport-Pascagoula, MS (MSA)	25,789	215,452	13.6%	31,401	189,663
28059	Jackson	Biloxi-Gulfport-Pascagoula, MS (MSA)	5,059	136,939	3.8%	13,733	131,880
28045	Hancock	Biloxi-Gulfport-Pascagoula, MS (MSA)	-9,791	33,489	-22.6%	18,572	43,280
36007	Broome	Binghamton, NY (MSA)	-21,465	178,829	-10.7%	-13,414	200,294
36107	Tioga	Binghamton, NY (MSA)	-26,731	25,021	-51.7%	1,821	51,752
1117	Shelby	Birmingham, AL (MSA)	83,802	228,326	58.0%	77,607	144,524
1073	Jefferson	Birmingham, AL (MSA)	23,234	685,253	3.5%	-8,915	662,019

1115	St. Clair	Birmingham, AL (MSA)	18,539	83,650	28.5%	23,786	65,111
1009	Blount	Birmingham, AL (MSA)	18,081	69,290	35.3%	14,701	51,209
38015	Burleigh	Bismarck, ND (MSA)	3,363	72,869	4.8%	14,530	69,506
38059	Morton	Bismarck, ND (MSA)	-24,052	1,273	-95.0%	99	25,325
18105	Monroe	Bloomington, IN (MSA)	42,526	163,219	35.2%	21,486	120,693
17113	McLean	Bloomington-Normal, IL (MSA)	50,680	201,556	33.6%	31,522	150,876
16001	Ada	Boise City, ID (MSA)	194,897	497,889	64.3%	128,902	302,992
16027	Canyon	Boise City, ID (MSA)	122,341	255,416	91.9%	49,131	133,075
25017	Middlesex	Boston-Worcester-Lawrence-Lowell-Brocktn, M	211,526	1,680,561	14.4%	100,238	1,469,035
25025	Suffolk	Boston-Worcester-Lawrence-Lowell-Brocktn, M	139,034	829,081	20.1%	38,372	690,047
25009	Essex	Boston-Worcester-Lawrence-Lowell-Brocktn, M	127,492	852,925	17.6%	90,192	725,433
25027	Worcester	Boston-Worcester-Lawrence-Lowell-Brocktn, M	109,305	861,947	14.5%	105,636	752,642
25021	Norfolk	Boston-Worcester-Lawrence-Lowell-Brocktn, M	96,337	747,585	14.8%	44,277	651,248
25005	Bristol	Boston-Worcester-Lawrence-Lowell-Brocktn, M	86,318	622,337	16.1%	60,700	536,019
33011	Hillsborough	Boston-Worcester-Lawrence-Lowell-Brocktn, M	78,617	460,945	20.6%	104,139	382,328
25023	Plymouth	Boston-Worcester-Lawrence-Lowell-Brocktn, M	77,509	551,951	16.3%	68,316	474,442
33015	Rockingham	Boston-Worcester-Lawrence-Lowell-Brocktn, M	28,135	306,845	10.1%	87,340	278,710
33017	Strafford	Boston-Worcester-Lawrence-Lowell-Brocktn, M	-26,439	86,241	-23.5%	26,746	112,680
8013	Boulder	Boulder-Longmont, CO (PMSA)	180,944	473,917	61.8%	102,038	292,973
48039	Brazoria	Brazoria, TX (PMSA)	89,454	332,674	36.8%	72,371	243,220
53035	Kitsap	Bremerton, WA (PMSA)	64,615	297,141	27.8%	83,764	232,526
48061	Cameron	Brownsville-Harlingen-San Benito, TX (MSA)	181,585	518,369	53.9%	124,840	336,784
48041	Brazos	Bryan-College Station, TX (MSA)	43,073	195,875	28.2%	57,397	152,801
36063	Niagara	Buffalo-Niagara Falls, NY (MSA)	-24,756	194,829	-11.3%	-7,476	219,585
36029	Erie	Buffalo-Niagara Falls, NY (MSA)	-40,544	908,823	-4.3%	-64,847	949,367
50007	Chittenden	Burlington, VT (NECMA)	34,689	181,655	23.6%	31,011	146,966
50013	Grand Isle	Burlington, VT (NECMA)	17,085	24,020	246.4%	2,293	6,935
50011	Franklin	Burlington, VT (NECMA)	9,217	54,812	20.2%	10,762	45,595
39151	Stark	Canton-Massillon, OH (MSA)	10,307	388,382	2.7%	-699	378,075
39019	Carroll	Canton-Massillon, OH (MSA)	-26,412	2,467	-91.5%	3,288	28,879
56025	Natrona	Casper, WY (MSA)	703	67,253	1.1%	-5,973	66,550
19113	Linn	Cedar Rapids, IA (MSA)	80,226	272,448	41.7%	22,572	192,222
17019	Champaign	Champaign-Urbana, IL (MSA)	33,029	212,994	18.4%	11,085	179,965
54079	Putnam	Charleston, WV (MSA)	1,403	53,147	2.7%	13,492	51,744
54039	Kanawha	Charleston, WV (MSA)	-15,848	183,824	-7.9%	-31,798	199,672
45035	Dorchester	Charleston-North Charleston, SC (MSA)	65,286	161,994	67.5%	37,019	96,708
45019	Charleston	Charleston-North Charleston, SC (MSA)	43,731	354,400	14.1%	32,472	310,669
45015	Berkeley	Charleston-North Charleston, SC (MSA)	42,179	185,167	29.5%	47,259	142,988
37119	Mecklenburg	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	349,854	1,050,071	50.0%	293,722	700,217
37179	Union	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	124,502	250,148	99.1%	54,851	125,646
45091	York	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	105,425	271,122	63.6%	58,353	165,697
37025	Cabarrus	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	101,448	233,662	76.7%	45,912	132,214
37109	Lincoln	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	74,144	138,183	115.8%	21,538	64,039
37071	Gaston	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	66,664	257,316	35.0%	27,568	190,652
37159	Rowan	Charlotte-Gastonia-Rock Hill, NC-SC (MSA)	62,413	193,061	47.8%	31,175	130,648
51065	Fluvanna	Charlottesville, VA (MSA)	44,608	64,841	220.5%	9,950	20,233
51079	Greene	Charlottesville, VA (MSA)	31,052	46,414	202.1%	7,664	15,362
47065	Hamilton	Chattanooga, TN-GA (MSA)	28,334	336,314	9.2%	19,605	307,980
13047	Catoosa	Chattanooga, TN-GA (MSA)	21,716	75,376	40.5%	16,546	53,660
13295	Walker	Chattanooga, TN-GA (MSA)	1,900	63,022	3.1%	4,555	61,122

13083	Dade	Chattanooga, TN-GA (MSA)	-9,154	6,034	-60.3%	2,895	15,188
47115	Marion	Chattanooga, TN-GA (MSA)	-21,010	6,761	-75.7%	3,309	27,771
56021	Laramie	Cheyenne, WY (MSA)	30,914	112,623	37.8%	12,715	81,709
17031	Cook	Chicago, IL (PMSA)	604,597	5,981,749	11.2%	128,274	5,377,152
17197	Will	Chicago, IL (PMSA)	279,533	787,760	55.0%	183,253	508,227
17043	DuPage	Chicago, IL (PMSA)	253,679	1,160,361	28.0%	245,392	906,682
17097	Lake	Chicago, IL (PMSA)	249,616	898,216	38.5%	206,168	648,600
17089	Kane	Chicago, IL (PMSA)	216,569	624,211	53.1%	128,790	407,642
17111	McHenry	Chicago, IL (PMSA)	172,830	434,470	66.1%	113,508	261,640
17093	Kendall	Chicago, IL (PMSA)	70,886	126,080	128.4%	17,850	55,194
17037	DeKalb	Chicago, IL (PMSA)	33,744	123,048	37.8%	14,605	89,304
17063	Grundy	Chicago, IL (PMSA)	30,957	68,640	82.2%	7,018	37,683
6007	Butte	Chico-Paradise, CA (MSA)	51,120	254,890	25.1%	58,942	203,770
39165	Warren	Cincinnati, OH-KY-IN (PMSA)	105,865	266,608	65.9%	61,287	160,743
21015	Boone	Cincinnati, OH-KY-IN (PMSA)	81,464	168,470	93.6%	40,895	87,006
39025	Clermont	Cincinnati, OH-KY-IN (PMSA)	52,168	230,809	29.2%	49,609	178,641
21117	Kenton	Cincinnati, OH-KY-IN (PMSA)	34,496	186,134	22.7%	14,485	151,638
18029	Dearborn	Cincinnati, OH-KY-IN (PMSA)	34,235	80,582	73.9%	11,980	46,347
39015	Brown	Cincinnati, OH-KY-IN (PMSA)	24,189	66,763	56.8%	10,592	42,574
21037	Campbell	Cincinnati, OH-KY-IN (PMSA)	22,805	111,449	25.7%	5,460	88,644
21081	Grant	Cincinnati, OH-KY-IN (PMSA)	18,869	41,418	83.7%	9,212	22,549
21077	Gallatin	Cincinnati, OH-KY-IN (PMSA)	18,711	26,569	238.1%	3,018	7,858
18115	Ohio	Cincinnati, OH-KY-IN (PMSA)	15,801	21,443	280.1%	522	5,642
39061	Hamilton	Cincinnati, OH-KY-IN (PMSA)	13,296	857,350	1.6%	-29,308	844,054
21191	Pendleton	Cincinnati, OH-KY-IN (PMSA)	4,006	18,509	27.6%	3,522	14,503
47125	Montgomery	Clarksville-Hopkinsville, TN-KY (MSA)	48,982	184,412	36.2%	51,764	135,430
21047	Christian	Clarksville-Hopkinsville, TN-KY (MSA)	-13,768	58,414	-19.1%	5,261	72,182
39103	Medina	Cleveland-Lorain-Elyria, OH (PMSA)	60,233	212,087	39.7%	38,420	151,854
39055	Geauga	Cleveland-Lorain-Elyria, OH (PMSA)	4,415	95,650	4.8%	16,673	91,235
39093	Lorain	Cleveland-Lorain-Elyria, OH (PMSA)	3,709	288,924	1.3%	10,529	285,215
39085	Lake	Cleveland-Lorain-Elyria, OH (PMSA)	911	228,541	0.4%	14,489	227,630
39035	Cuyahoga	Cleveland-Lorain-Elyria, OH (PMSA)	-4,354	1,387,750	-0.3%	-104,511	1,392,104
39007	Ashtabula	Cleveland-Lorain-Elyria, OH (PMSA)	-37,191	65,579	-36.2%	-1,249	102,770
8041	El Paso	Colorado Springs, CO (MSA)	222,520	742,011	42.8%	207,448	519,491
29019	Boone	Columbia, MO (MSA)	36,451	172,276	26.8%	35,049	135,825
45063	Lexington	Columbia, SC (MSA)	135,240	352,096	62.4%	75,697	216,856
45079	Richland	Columbia, SC (MSA)	94,056	415,412	29.3%	50,834	321,356
13145	Harris	Columbus, GA-AL (MSA)	49,496	73,303	207.9%	8,389	23,807
13215	Muscogee	Columbus, GA-AL (MSA)	39,412	225,891	21.1%	15,921	186,479
1113	Russell	Columbus, GA-AL (MSA)	15,840	65,537	31.9%	2,425	49,697
13053	Chattahoochee	Columbus, GA-AL (MSA)	4,044	19,036	27.0%	-6,387	14,992
39049	Franklin	Columbus, OH (MSA)	208,772	1,280,531	19.5%	200,315	1,071,759
39041	Delaware	Columbus, OH (MSA)	105,727	217,447	94.6%	57,659	111,720
39045	Fairfield	Columbus, OH (MSA)	46,900	170,327	38.0%	29,276	123,427
39089	Licking	Columbus, OH (MSA)	40,176	186,232	27.5%	24,721	146,056
39097	Madison	Columbus, OH (MSA)	23,892	64,114	59.4%	7,085	40,222
39129	Pickaway	Columbus, OH (MSA)	21,880	74,720	41.4%	9,212	52,840
48355	Nueces	Corpus Christi, TX (MSA)	43,341	356,761	13.8%	43,927	313,420
48409	San Patricio	Corpus Christi, TX (MSA)	-1,843	65,427	-2.7%	8,948	67,270
41003	Benton	Corvallis, OR (MSA)	19,450	97,609	24.9%	9,688	78,159

24001	Allegany	Cumberland, MD-WV (MSA)	-726	74,080	-1.0%	-5,778	74,806
54057	Mineral	Cumberland, MD-WV (MSA)	-9,779	17,258	-36.2%	-247	27,037
48113	Dallas	Dallas, TX (PMSA)	642,464	2,867,806	28.9%	659,694	2,225,342
48085	Collin	Dallas, TX (PMSA)	438,551	938,606	87.7%	353,516	500,055
48121	Denton	Dallas, TX (PMSA)	301,085	739,896	68.6%	293,360	438,811
48397	Rockwall	Dallas, TX (PMSA)	78,393	122,241	178.8%	29,102	43,848
48139	Ellis	Dallas, TX (PMSA)	71,289	183,760	63.4%	52,428	112,471
48257	Kaufman	Dallas, TX (PMSA)	55,439	127,585	76.8%	32,865	72,146
48231	Hunt	Dallas, TX (PMSA)	27,992	104,977	36.4%	21,373	76,984
48213	Henderson	Dallas, TX (PMSA)	9,711	83,295	13.2%	30,646	73,584
17161	Rock Island	Davenport-Moline-Rock Island, IA-IL (MSA)	46,712	195,828	31.3%	-17,906	149,116
19163	Scott	Davenport-Moline-Rock Island, IA-IL (MSA)	34,095	192,822	21.5%	-1,401	158,727
17073	Henry	Davenport-Moline-Rock Island, IA-IL (MSA)	14,422	65,474	28.3%	-6,866	51,052
12127	Volusia	Daytona Beach, FL (MSA)	133,913	578,879	30.1%	183,522	444,966
12035	Flagler	Daytona Beach, FL (MSA)	65,535	116,111	129.6%	39,372	50,576
39109	Miami	Dayton-Springfield, OH (MSA)	26,645	125,631	26.9%	8,471	98,986
39057	Greene	Dayton-Springfield, OH (MSA)	25,325	173,540	17.1%	18,397	148,215
39113	Montgomery	Dayton-Springfield, OH (MSA)	19,341	577,804	3.5%	-13,206	558,463
39023	Clark	Dayton-Springfield, OH (MSA)	2,438	147,061	1.7%	-5,526	144,623
1103	Morgan	Decatur, AL (MSA)	12,337	123,537	11.1%	20,960	111,200
1079	Lawrence	Decatur, AL (MSA)	-10,917	23,944	-31.3%	4,666	34,861
17115	Macon	Decatur, IL (MSA)	7,833	122,316	6.8%	-16,722	114,483
8035	Douglas	Denver, CO (PMSA)	277,818	458,222	154.0%	154,785	180,404
8031	Denver	Denver, CO (PMSA)	239,167	794,577	43.1%	61,175	555,410
8001	Adams	Denver, CO (PMSA)	238,246	605,314	64.9%	119,923	367,068
8005	Arapahoe	Denver, CO (PMSA)	213,649	705,172	43.5%	194,222	491,523
8059	Jefferson	Denver, CO (PMSA)	192,242	720,454	36.4%	153,687	528,212
19153	Polk	Des Moines, IA (MSA)	122,204	497,965	32.5%	72,058	375,761
19049	Dallas	Des Moines, IA (MSA)	70,531	111,584	171.8%	11,556	41,052
19181	Warren	Des Moines, IA (MSA)	13,929	54,720	34.1%	5,877	40,791
26125	Oakland	Detroit, MI (PMSA)	245,437	1,442,052	20.5%	186,564	1,196,615
26099	Macomb	Detroit, MI (PMSA)	149,273	940,134	18.9%	97,453	790,861
26087	Lapeer	Detroit, MI (PMSA)	47,285	135,600	53.5%	18,129	88,314
26147	St. Clair	Detroit, MI (PMSA)	37,776	202,480	22.9%	25,597	164,704
26115	Monroe	Detroit, MI (PMSA)	28,524	175,004	19.5%	11,747	146,479
26163	Wayne	Detroit, MI (PMSA)	23,183	2,082,379	1.1%	-267,170	2,059,196
1069	Houston	Dothan, AL (MSA)	-4,434	84,495	-5.0%	13,949	88,929
1045	Dale	Dothan, AL (MSA)	-7,225	41,891	-14.7%	1,118	49,116
10001	Kent	Dover, DE (MSA)	25,697	152,793	20.2%	28,816	127,096
19061	Dubuque	Dubuque, IA (MSA)	26,027	115,285	29.2%	-4,443	89,258
27137	St. Louis	Duluth-Superior, MN-WI (MSA)	-11,161	189,270	-5.6%	-21,477	200,431
55031	Douglas	Duluth-Superior, MN-WI (MSA)	-28,419	14,988	-65.5%	-1,156	43,407
36027	Dutchess	Dutchess County, NY (PMSA)	42,223	323,059	15.0%	35,499	280,836
55035	Eau Claire	Eau Claire, WI (MSA)	5,066	98,342	5.4%	14,223	93,276
55017	Chippewa	Eau Claire, WI (MSA)	-3,185	52,148	-5.8%	2,981	55,333
48141	El Paso	El Paso, TX (MSA)	285,652	967,352	41.9%	197,989	681,700
18039	Elkhart	Elkhart-Goshen, IN (MSA)	78,776	262,283	42.9%	46,215	183,507
36015	Chemung	Elmira, NY (MSA)	-25,628	65,413	-28.1%	-6,402	91,041
40047	Garfield	Enid, OK (MSA)	-18,395	39,277	-31.9%	-5,507	57,672
42049	Erie	Erie, PA (MSA)	-38,486	242,201	-13.7%	644	280,687

41039	Lane	Eugene-Springfield, OR (MSA)	48,683	372,096	15.1%	47,705	323,413
18163	Vanderburgh	Evansville-Henderson, IN-KY (MSA)	35,357	207,203	20.6%	4,375	171,846
18173	Warrick	Evansville-Henderson, IN-KY (MSA)	30,642	83,212	58.3%	10,955	52,570
21101	Henderson	Evansville-Henderson, IN-KY (MSA)	5,272	50,081	11.8%	3,844	44,809
18129	Posey	Evansville-Henderson, IN-KY (MSA)	4,081	31,154	15.1%	658	27,073
38017	Cass	Fargo-Moorhead, ND-MN (MSA)	31,861	155,232	25.8%	34,756	123,371
27027	Clay	Fargo-Moorhead, ND-MN (MSA)	-11,294	40,021	-22.0%	1,951	51,315
37051	Cumberland	Fayetteville, NC (MSA)	79,882	382,720	26.4%	54,942	302,838
5007	Benton	Fayetteville-Springdale-Rogers, AR (MSA)	98,703	253,503	63.8%	76,426	154,800
5143	Washington	Fayetteville-Springdale-Rogers, AR (MSA)	84,121	242,804	53.0%	58,004	158,683
4005	Coconino	Flagstaff, AZ-UT (MSA)	52,187	168,827	44.7%	41,061	116,640
49025	Kane	Flagstaff, AZ-UT (MSA)	-6,078	0	-100.0%	2,040	6,078
26049	Genesee	Flint, MI (PMSA)	51,640	488,593	11.8%	-12,178	436,953
1077	Lauderdale	Florence, AL (MSA)	-1,003	86,973	-1.1%	7,234	87,976
1033	Colbert	Florence, AL (MSA)	-6,270	48,753	-11.4%	443	55,023
45041	Florence	Florence, SC (MSA)	59,507	185,300	47.3%	15,272	125,793
8069	Larimer	Fort Collins-Loveland, CO (MSA)	134,548	387,486	53.2%	102,847	252,938
12011	Broward	Fort Lauderdale, FL (PMSA)	677,134	2,309,574	41.5%	606,378	1,632,440
12071	Lee	Fort Myers-Cape Coral, FL (MSA)	177,526	621,315	40.0%	235,739	443,789
12111	St. Lucie	Fort Pierce-Port St. Lucie, FL (MSA)	89,200	282,659	46.1%	104,624	193,459
12085	Martin	Fort Pierce-Port St. Lucie, FL (MSA)	45,751	172,852	36.0%	62,166	127,101
5131	Sebastian	Fort Smith, AR-OK (MSA)	38,115	153,633	33.0%	20,155	115,518
5033	Crawford	Fort Smith, AR-OK (MSA)	18,087	71,473	33.9%	16,443	53,386
40135	Sequoyah	Fort Smith, AR-OK (MSA)	-21,946	17,114	-56.2%	8,282	39,060
12091	Okaloosa	Fort Walton Beach, FL (MSA)	60,088	231,048	35.1%	60,281	170,960
18003	Allen	Fort Wayne, IN (MSA)	75,560	408,233	22.7%	38,839	332,673
18033	De Kalb	Fort Wayne, IN (MSA)	26,807	67,205	66.4%	6,884	40,398
18183	Whitley	Fort Wayne, IN (MSA)	22,030	52,775	71.7%	4,512	30,745
18069	Huntington	Fort Wayne, IN (MSA)	13,644	51,742	35.8%	2,553	38,098
18179	Wells	Fort Wayne, IN (MSA)	5,065	32,681	18.3%	2,203	27,616
18001	Adams	Fort Wayne, IN (MSA)	-6,593	27,025	-19.6%	3,964	33,618
48439	Tarrant	Fort Worth-Arlington, TX (PMSA)	480,496	1,934,957	33.0%	586,130	1,454,461
48251	Johnson	Fort Worth-Arlington, TX (PMSA)	92,940	220,974	72.6%	59,869	128,034
48367	Parker	Fort Worth-Arlington, TX (PMSA)	57,257	146,530	64.1%	44,324	89,273
48221	Hood	Fort Worth-Arlington, TX (PMSA)	22,103	63,610	53.3%	23,648	41,507
6019	Fresno	Fresno, CA (MSA)	315,146	1,117,160	39.3%	284,335	802,014
6039	Madera	Fresno, CA (MSA)	163,364	286,996	132.1%	59,671	123,632
1055	Etowah	Gadsden, AL (MSA)	1,475	104,775	1.4%	188	103,300
12001	Alachua	Gainesville, FL (MSA)	107,987	326,282	49.5%	66,072	218,295
48167	Galveston	Galveston-Texas City, TX (PMSA)	66,336	317,061	26.5%	53,697	250,725
18089	Lake	Gary, IN (PMSA)	32,723	517,314	6.8%	-37,044	484,591
18127	Porter	Gary, IN (PMSA)	28,643	175,873	19.5%	27,246	147,230
36115	Washington	Glens Falls, NY (MSA)	-14,282	46,721	-23.4%	6,232	61,003
36113	Warren	Glens Falls, NY (MSA)	-18,310	45,034	-28.9%	8,390	63,344
37191	Wayne	Goldsboro, NC (MSA)	44,584	157,914	39.3%	16,016	113,330
27119	Polk	Grand Forks, ND-MN (MSA)	-23,628	7,752	-75.3%	-3,423	31,380
38035	Grand Forks	Grand Forks, ND-MN (MSA)	-38,635	27,233	-58.7%	-403	65,868
8077	Mesa	Grand Junction, CO (MSA)	49,649	167,124	42.3%	34,679	117,475
26081	Kent	Grand Rapids-Muskegon-Holland, MI (MSA)	137,978	714,198	23.9%	131,034	576,220
26139	Ottawa	Grand Rapids-Muskegon-Holland, MI (MSA)	62,918	302,391	26.3%	81,380	239,473

26121	Muskegon	Grand Rapids-Muskegon-Holland, MI (MSA)	14,867	185,387	8.7%	12,670	170,520
26005	Allegan	Grand Rapids-Muskegon-Holland, MI (MSA)	7,596	113,705	7.2%	24,218	106,109
30013	Cascade	Great Falls, MT (MSA)	34,777	114,960	43.4%	-444	80,183
8123	Weld	Greeley, CO (PMSA)	133,687	316,851	73.0%	59,397	183,164
55009	Brown	Green Bay, WI (MSA)	60,104	287,361	26.4%	51,522	227,257
37081	Guilford	Greensboro-Winston-Salem-High Point, NC (M	152,800	575,062	36.2%	104,341	422,262
37067	Forsyth	Greensboro-Winston-Salem-High Point, NC (M	114,221	421,099	37.2%	62,381	306,878
37151	Randolph	Greensboro-Winston-Salem-High Point, NC (M	77,742	208,817	59.3%	39,447	131,075
37001	Alamance	Greensboro-Winston-Salem-High Point, NC (M	71,093	202,538	54.1%	31,913	131,445
37057	Davidson	Greensboro-Winston-Salem-High Point, NC (M	67,822	215,454	45.9%	34,075	147,632
37197	Yadkin	Greensboro-Winston-Salem-High Point, NC (M	47,259	83,769	129.4%	7,987	36,510
37059	Davie	Greensboro-Winston-Salem-High Point, NC (M	37,611	72,676	107.3%	10,354	35,065
37169	Stokes	Greensboro-Winston-Salem-High Point, NC (M	32,316	77,169	72.0%	11,626	44,853
37147	Pitt	Greenville, NC (MSA)	60,770	194,859	45.3%	43,509	134,089
45045	Greenville	Greenville-Spartanburg-Anderson, SC (MSA)	137,030	518,057	36.0%	91,833	381,027
45083	Spartanburg	Greenville-Spartanburg-Anderson, SC (MSA)	73,888	328,283	29.0%	50,661	254,395
45007	Anderson	Greenville-Spartanburg-Anderson, SC (MSA)	71,639	237,962	43.1%	32,398	166,323
45077	Pickens	Greenville-Spartanburg-Anderson, SC (MSA)	51,924	162,974	46.8%	31,337	111,050
45021	Cherokee	Greenville-Spartanburg-Anderson, SC (MSA)	32,389	85,059	61.5%	11,602	52,670
24043	Washington	Hagerstown, MD (PMSA)	32,076	164,188	24.3%	19,108	132,112
39017	Butler	Hamilton-Middletown, OH (PMSA)	80,717	414,402	24.2%	74,153	333,685
42043	Dauphin	Harrisburg-Lebanon-Carlisle, PA (MSA)	35,765	287,561	14.2%	18,874	251,796
42041	Cumberland	Harrisburg-Lebanon-Carlisle, PA (MSA)	29,429	243,397	13.8%	33,976	213,968
42075	Lebanon	Harrisburg-Lebanon-Carlisle, PA (MSA)	14,282	134,696	11.9%	11,575	120,414
42099	Perry	Harrisburg-Lebanon-Carlisle, PA (MSA)	-5,824	37,787	-13.4%	7,808	43,611
9003	Hartford	Hartford, CT (NECMA)	82,220	940,530	9.6%	49,370	858,310
9013	Tolland	Hartford, CT (NECMA)	42,324	179,239	30.9%	21,685	136,915
9007	Middlesex	Hartford, CT (NECMA)	32,550	188,197	20.9%	26,359	155,647
28073	Lamar	Hattiesburg, MS (MSA)	20,046	59,387	51.0%	15,196	39,341
28035	Forrest	Hattiesburg, MS (MSA)	-10,879	61,884	-15.0%	6,469	72,763
37035	Catawba	Hickory-Morganton-Lenoir, NC (MSA)	84,562	227,029	59.4%	36,923	142,467
37023	Burke	Hickory-Morganton-Lenoir, NC (MSA)	56,254	145,509	63.0%	16,634	89,255
37003	Alexander	Hickory-Morganton-Lenoir, NC (MSA)	33,338	67,007	99.0%	8,603	33,669
37027	Caldwell	Hickory-Morganton-Lenoir, NC (MSA)	30,512	108,114	39.3%	9,765	77,602
22057	Lafourche	Houma, LA (MSA)	-41,959	47,996	-46.6%	6,621	89,955
22109	Terrebonne	Houma, LA (MSA)	-47,720	56,804	-45.7%	9,541	104,524
48201	Harris	Houston, TX (PMSA)	958,645	4,373,626	28.1%	976,442	3,414,981
48157	Fort Bend	Houston, TX (PMSA)	283,281	642,237	78.9%	225,689	358,956
48339	Montgomery	Houston, TX (PMSA)	216,453	513,984	72.7%	168,377	297,531
48291	Liberty	Houston, TX (PMSA)	43,361	114,002	61.4%	23,140	70,641
48473	Waller	Houston, TX (PMSA)	43,043	75,896	131.0%	12,799	32,853
48071	Chambers	Houston, TX (PMSA)	7,624	33,798	29.1%	7,570	26,174
54011	Cabell	Huntington-Ashland, WV-KY-OH (MSA)	-300	96,367	-0.3%	-10,257	96,667
21019	Boyd	Huntington-Ashland, WV-KY-OH (MSA)	-8,919	40,735	-18.0%	-5,799	49,654
21089	Greenup	Huntington-Ashland, WV-KY-OH (MSA)	-16,242	20,597	-44.1%	-2,266	36,839
21043	Carter	Huntington-Ashland, WV-KY-OH (MSA)	-17,244	9,629	-64.2%	1,758	26,873
39087	Lawrence	Huntington-Ashland, WV-KY-OH (MSA)	-21,975	40,308	-35.3%	-1,459	62,283
54099	Wayne	Huntington-Ashland, WV-KY-OH (MSA)	-23,953	18,958	-55.8%	-3,136	42,911
1089	Madison	Huntsville, AL (MSA)	63,028	340,585	22.7%	79,925	277,557
1083	Limestone	Huntsville, AL (MSA)	14,965	80,903	22.7%	19,950	65,938

18057	Hamilton	Indianapolis, IN (MSA)	168,978	354,358	91.2%	102,908	185,380
18097	Marion	Indianapolis, IN (MSA)	142,517	1,002,902	16.6%	94,695	860,385
18063	Hendricks	Indianapolis, IN (MSA)	84,651	190,039	80.3%	35,430	105,388
18081	Johnson	Indianapolis, IN (MSA)	68,745	184,719	59.3%	38,410	115,974
18059	Hancock	Indianapolis, IN (MSA)	48,466	104,119	87.1%	11,693	55,653
18109	Morgan	Indianapolis, IN (MSA)	44,191	111,079	66.1%	14,714	66,888
18011	Boone	Indianapolis, IN (MSA)	37,163	83,548	80.1%	9,787	46,385
18145	Shelby	Indianapolis, IN (MSA)	36,236	79,836	83.1%	3,667	43,600
18095	Madison	Indianapolis, IN (MSA)	31,281	164,558	23.5%	-5,541	133,277
19103	Johnson	Iowa City, IA (MSA)	67,275	178,637	60.4%	29,213	111,362
26075	Jackson	Jackson, MI (MSA)	36,797	195,527	23.2%	7,176	158,730
28121	Rankin	Jackson, MS (MSA)	66,264	182,446	57.0%	46,344	116,182
28089	Madison	Jackson, MS (MSA)	45,492	120,550	60.6%	33,292	75,058
28049	Hinds	Jackson, MS (MSA)	2,952	253,543	1.2%	-987	250,591
47113	Madison	Jackson, TN (MSA)	-1,258	90,748	-1.4%	17,173	92,006
47023	Chester	Jackson, TN (MSA)	-15,545	0	-100.0%	2,824	15,545
12031	Duval	Jacksonville, FL (MSA)	192,699	972,317	24.7%	206,448	779,618
12019	Clay	Jacksonville, FL (MSA)	96,242	237,914	67.9%	73,856	141,671
12109	St. Johns	Jacksonville, FL (MSA)	94,747	219,205	76.1%	72,508	124,458
12089	Nassau	Jacksonville, FL (MSA)	38,112	96,065	65.8%	24,883	57,953
37133	Onslow	Jacksonville, NC (MSA)	1,881	152,104	1.3%	36,708	150,223
36013	Chautauqua	Jamestown, NY (MSA)	-49,891	89,698	-35.7%	-7,372	139,589
55105	Rock	Janesville-Beloit, WI (MSA)	49,866	202,404	32.7%	13,269	152,538
34017	Hudson	Jersey City, NJ (PMSA)	242,171	851,548	39.7%	50,785	609,377
47179	Washington	Johnson City-Kingsport-Bristol, TN-VA (MSA)	29,181	136,647	27.2%	18,355	107,465
47163	Sullivan	Johnson City-Kingsport-Bristol, TN-VA (MSA)	21,933	174,863	14.3%	8,633	152,930
47073	Hawkins	Johnson City-Kingsport-Bristol, TN-VA (MSA)	5,053	58,748	9.4%	9,762	53,695
47171	Unicoi	Johnson City-Kingsport-Bristol, TN-VA (MSA)	4,933	22,583	27.9%	1,235	17,650
47019	Carter	Johnson City-Kingsport-Bristol, TN-VA (MSA)	4,383	61,221	7.7%	6,438	56,838
51169	Scott	Johnson City-Kingsport-Bristol, TN-VA (MSA)	-8,743	14,632	-37.4%	-1,636	23,375
42111	Somerset	Johnstown, PA (MSA)	-36,894	43,131	-46.1%	-1,261	80,025
42021	Cambria	Johnstown, PA (MSA)	-48,233	103,997	-31.7%	-30,756	152,230
5031	Craighead	Jonesboro, AR (MSA)	20,235	102,721	24.5%	19,182	82,486
29097	Jasper	Joplin, MO (MSA)	21,045	126,009	20.0%	17,757	104,964
29145	Newton	Joplin, MO (MSA)	6,951	59,689	13.2%	12,100	52,738
26077	Kalamazoo	Kalamazoo-Battle Creek, MI (MSA)	33,512	272,389	14.0%	26,271	238,877
26025	Calhoun	Kalamazoo-Battle Creek, MI (MSA)	20,184	158,277	14.6%	-3,608	138,093
26159	Van Buren	Kalamazoo-Battle Creek, MI (MSA)	-3,462	72,887	-4.5%	9,329	76,349
17091	Kankakee	Kankakee, IL (PMSA)	34,494	138,371	33.2%	991	103,877
20091	Johnson	Kansas City, MO-KS (MSA)	172,387	626,901	37.9%	183,156	454,514
29095	Jackson	Kansas City, MO-KS (MSA)	81,119	736,678	12.4%	26,023	655,559
29047	Clay	Kansas City, MO-KS (MSA)	66,098	250,875	35.8%	48,208	184,777
29165	Platte	Kansas City, MO-KS (MSA)	46,923	121,130	63.2%	27,681	74,207
20209	Wyandotte	Kansas City, MO-KS (MSA)	37,557	195,386	23.8%	-14,446	157,828
29037	Cass	Kansas City, MO-KS (MSA)	31,672	114,302	38.3%	31,340	82,630
20103	Leavenworth	Kansas City, MO-KS (MSA)	28,053	96,964	40.7%	13,917	68,911
20121	Miami	Kansas City, MO-KS (MSA)	10,570	39,067	37.1%	6,837	28,497
29107	Lafayette	Kansas City, MO-KS (MSA)	-3,521	29,505	-10.7%	3,062	33,026
29049	Clinton	Kansas City, MO-KS (MSA)	-3,798	15,252	-19.9%	3,081	19,050
29177	Ray	Kansas City, MO-KS (MSA)	-11,377	12,005	-48.7%	1,972	23,382

55059	Kenosha	Kenosha, WI (PMSA)	41,300	191,369	27.5%	27,126	150,069
48027	Bell	Killeen-Temple, TX (MSA)	108,497	347,494	45.4%	79,980	238,997
48099	Coryell	Killeen-Temple, TX (MSA)	35,381	110,586	47.0%	18,264	75,205
47093	Knox	Knoxville, TN (MSA)	56,621	439,430	14.8%	61,998	382,808
47009	Blount	Knoxville, TN (MSA)	25,550	131,794	24.0%	28,298	106,244
47105	Loudon	Knoxville, TN (MSA)	17,554	56,777	44.8%	10,513	39,223
47155	Sevier	Knoxville, TN (MSA)	6,190	77,897	8.6%	30,007	71,707
47173	Union	Knoxville, TN (MSA)	-6,834	11,033	-38.3%	6,098	17,867
47001	Anderson	Knoxville, TN (MSA)	-9,206	62,079	-12.9%	3,818	71,285
18067	Howard	Kokomo, IN (MSA)	27,451	112,421	32.3%	-1,804	84,970
18159	Tipton	Kokomo, IN (MSA)	11,502	28,058	69.5%	-229	16,556
55063	La Crosse	La Crosse, WI-MN (MSA)	12,610	119,866	11.8%	15,972	107,256
27055	Houston	La Crosse, WI-MN (MSA)	-3,827	15,924	-19.4%	1,339	19,751
18157	Tippecanoe	Lafayette, IN (MSA)	60,073	209,414	40.2%	27,383	149,341
18023	Clinton	Lafayette, IN (MSA)	31,432	65,402	92.5%	2,416	33,970
22055	Lafayette	Lafayette, LA (MSA)	23,485	214,062	12.3%	39,161	190,577
22099	St. Martin	Lafayette, LA (MSA)	-5,121	43,541	-10.5%	8,179	48,662
22097	St. Landry	Lafayette, LA (MSA)	-14,794	72,963	-16.9%	3,365	87,757
22001	Acadia	Lafayette, LA (MSA)	-32,338	26,489	-55.0%	2,196	58,827
22019	Calcasieu	Lake Charles, LA (MSA)	4,423	187,943	2.4%	15,466	183,520
12105	Polk	Lakeland-Winter Haven, FL (MSA)	173,954	659,358	35.8%	161,366	485,404
42071	Lancaster	Lancaster, PA (MSA)	96,896	568,550	20.5%	108,234	471,654
26065	Ingham	Lansing-East Lansing, MI (MSA)	33,693	313,243	12.1%	3,943	279,550
26045	Eaton	Lansing-East Lansing, MI (MSA)	28,044	131,951	27.0%	15,405	103,907
26037	Clinton	Lansing-East Lansing, MI (MSA)	18,733	83,700	28.8%	8,967	64,967
48479	Webb	Laredo, TX (MSA)	213,157	407,818	109.5%	94,180	194,661
35013	Dona Ana	Las Cruces, NM (MSA)	180,911	355,891	103.4%	77,968	174,980
32003	Clark	Las Vegas, NV-AZ (MSA)	1,120,793	2,513,962	80.4%	923,984	1,393,169
4015	Mohave	Las Vegas, NV-AZ (MSA)	144,908	301,155	92.7%	99,824	156,247
32023	Nye	Las Vegas, NV-AZ (MSA)	87,647	120,563	266.3%	23,431	32,916
20045	Douglas	Lawrence, KS (MSA)	44,253	144,435	44.2%	32,137	100,182
40031	Comanche	Lawton, OK (MSA)	18,354	132,918	16.0%	1,643	114,564
23001	Androscoggin	Lewiston-Auburn, ME (NECMA)	1,882	105,747	1.8%	4,334	103,865
21067	Fayette	Lexington, KY (MSA)	89,207	350,168	34.2%	56,363	260,961
21209	Scott	Lexington, KY (MSA)	37,209	70,638	111.3%	11,595	33,429
21151	Madison	Lexington, KY (MSA)	21,519	92,790	30.2%	17,835	71,271
21239	Woodford	Lexington, KY (MSA)	16,901	40,169	72.6%	5,469	23,268
21113	Jessamine	Lexington, KY (MSA)	10,906	50,125	27.8%	13,032	39,219
21017	Bourbon	Lexington, KY (MSA)	4,440	23,812	22.9%	-3	19,372
21049	Clark	Lexington, KY (MSA)	2,946	36,188	8.9%	4,860	33,242
39011	Auglaize	Lima, OH (MSA)	20,470	67,087	43.9%	3,952	46,617
39003	Allen	Lima, OH (MSA)	4,058	112,602	3.7%	-3,644	108,544
31109	Lancaster	Lincoln, NE (MSA)	97,268	348,458	38.7%	57,591	251,190
5125	Saline	Little Rock-North Little Rock, AR (MSA)	61,798	145,733	73.6%	30,580	83,935
5045	Faulkner	Little Rock-North Little Rock, AR (MSA)	45,432	131,824	52.6%	40,046	86,392
5119	Pulaski	Little Rock-North Little Rock, AR (MSA)	43,467	405,172	12.0%	20,539	361,705
5085	Lonoke	Little Rock-North Little Rock, AR (MSA)	29,895	83,055	56.2%	18,586	53,160
48203	Harrison	Longview-Marshall, TX (MSA)	11,273	73,353	18.2%	9,503	62,080
48183	Gregg	Longview-Marshall, TX (MSA)	2,933	114,221	2.6%	10,937	111,288
48459	Upshur	Longview-Marshall, TX (MSA)	-4,207	31,172	-11.9%	6,562	35,379

6037	Los Angeles	Los Angeles-Long Beach, CA (PMSA)	1,414,155	11,000,000	14.8%	2,038,470	9,545,014
21111	Jefferson	Louisville, KY-IN (MSA)	77,165	770,993	11.1%	9,469	693,828
18019	Clark	Louisville, KY-IN (MSA)	34,956	131,751	36.1%	7,779	96,795
21185	Oldham	Louisville, KY-IN (MSA)	32,014	79,038	68.1%	19,163	47,024
18043	Floyd	Louisville, KY-IN (MSA)	26,190	97,078	36.9%	9,482	70,888
21029	Bullitt	Louisville, KY-IN (MSA)	25,375	87,016	41.2%	18,172	61,641
18143	Scott	Louisville, KY-IN (MSA)	14,722	37,771	63.9%	2,620	23,049
18061	Harrison	Louisville, KY-IN (MSA)	13,228	47,730	38.3%	7,098	34,502
48303	Lubbock	Lubbock, TX (MSA)	42,590	285,480	17.5%	30,773	242,890
51009	Amherst	Lynchburg, VA (MSA)	-408	31,486	-1.3%	2,766	31,894
13153	Houston	Macon, GA (MSA)	64,029	175,338	57.5%	33,148	111,309
13021	Bibb	Macon, GA (MSA)	26,073	179,884	17.0%	3,354	153,811
13225	Peach	Macon, GA (MSA)	21,339	45,145	89.6%	4,817	23,806
13169	Jones	Macon, GA (MSA)	16,716	40,409	70.6%	7,006	23,693
13289	Twiggs	Macon, GA (MSA)	7,298	17,890	68.9%	1,225	10,592
55025	Dane	Madison, WI (MSA)	140,455	568,854	32.8%	104,045	428,399
39139	Richland	Mansfield, OH (MSA)	5,008	133,793	3.9%	-2,331	128,785
39033	Crawford	Mansfield, OH (MSA)	-11,868	35,027	-25.3%	-3,179	46,895
48215	Hidalgo	McAllen-Edinburg-Mission, TX (MSA)	396,458	970,381	69.1%	287,383	573,923
41029	Jackson	Medford-Ashland, OR (MSA)	103,137	284,977	56.7%	48,911	181,840
12009	Brevard	Melbourne-Titusville-Palm Bay, FL (MSA)	145,575	623,407	30.5%	202,168	477,832
47157	Shelby	Memphis, TN-AR-MS (MSA)	120,989	1,019,176	13.5%	121,615	898,187
28033	DeSoto	Memphis, TN-AR-MS (MSA)	88,075	196,677	81.1%	54,598	108,602
47167	Tipton	Memphis, TN-AR-MS (MSA)	27,573	79,139	53.5%	18,557	51,566
47047	Fayette	Memphis, TN-AR-MS (MSA)	-2,635	26,486	-9.0%	3,811	29,121
5035	Crittenden	Memphis, TN-AR-MS (MSA)	-3,383	47,608	-6.6%	1,493	50,991
6047	Merced	Merced, CA (MSA)	215,010	426,643	101.6%	76,008	211,633
12025	Miami-Dade	Miami, FL (PMSA)	722,061	2,982,303	31.9%	617,110	2,260,242
34023	Middlesex	Middlesex-Somerset-Hunterdon, NJ (PMSA)	217,676	970,807	28.9%	156,014	753,131
34035	Somerset	Middlesex-Somerset-Hunterdon, NJ (PMSA)	178,269	477,129	59.6%	95,200	298,860
34019	Hunterdon	Middlesex-Somerset-Hunterdon, NJ (PMSA)	51,410	174,005	41.9%	34,913	122,594
55133	Waukesha	Milwaukee-Waukesha, WI (PMSA)	112,029	474,105	30.9%	81,988	362,076
55131	Washington	Milwaukee-Waukesha, WI (PMSA)	54,931	172,895	46.6%	33,149	117,964
55089	Ozaukee	Milwaukee-Waukesha, WI (PMSA)	12,021	94,586	14.6%	15,436	82,565
55079	Milwaukee	Milwaukee-Waukesha, WI (PMSA)	9,704	949,191	1.0%	-25,140	939,487
27053	Hennepin	Minneapolis-St. Paul, MN-WI (MSA)	210,165	1,327,845	18.8%	173,341	1,117,680
27037	Dakota	Minneapolis-St. Paul, MN-WI (MSA)	157,773	515,585	44.1%	162,275	357,812
27163	Washington	Minneapolis-St. Paul, MN-WI (MSA)	123,704	326,328	61.1%	88,417	202,624
27003	Anoka	Minneapolis-St. Paul, MN-WI (MSA)	116,575	416,346	38.9%	102,837	299,771
27123	Ramsey	Minneapolis-St. Paul, MN-WI (MSA)	101,368	612,723	19.8%	50,383	511,355
27139	Scott	Minneapolis-St. Paul, MN-WI (MSA)	96,592	187,691	106.0%	47,062	91,099
27019	Carver	Minneapolis-St. Paul, MN-WI (MSA)	67,142	138,012	94.7%	33,624	70,870
27141	Sherburne	Minneapolis-St. Paul, MN-WI (MSA)	54,904	120,199	84.1%	35,155	65,295
27171	Wright	Minneapolis-St. Paul, MN-WI (MSA)	48,956	139,732	53.9%	31,889	90,776
27025	Chisago	Minneapolis-St. Paul, MN-WI (MSA)	38,049	79,606	91.6%	15,738	41,557
55109	St. Croix	Minneapolis-St. Paul, MN-WI (MSA)	27,452	91,111	43.1%	20,137	63,659
27059	Isanti	Minneapolis-St. Paul, MN-WI (MSA)	13,930	45,463	44.2%	7,879	31,533
55093	Pierce	Minneapolis-St. Paul, MN-WI (MSA)	6,117	43,016	16.6%	5,648	36,899
30063	Missoula	Missoula, MT (MSA)	32,153	128,235	33.5%	19,967	96,082
1003	Baldwin	Mobile, AL (MSA)	47,930	189,334	33.9%	62,473	141,404

1097	Mobile	Mobile, AL (MSA)	-1,823	398,237	-0.5%	33,855	400,060
6099	Stanislaus	Modesto, CA (MSA)	247,120	696,910	54.9%	181,938	449,790
34025	Monmouth	Monmouth-Ocean, NJ (PMSA)	138,434	755,560	22.4%	113,119	617,126
34029	Ocean	Monmouth-Ocean, NJ (PMSA)	103,571	617,173	20.2%	165,594	513,602
22073	Ouachita	Monroe, LA (MSA)	-31,782	115,441	-21.6%	7,569	147,223
1051	Elmore	Montgomery, AL (MSA)	37,967	104,222	57.3%	22,781	66,255
1101	Montgomery	Montgomery, AL (MSA)	22,889	246,226	10.2%	25,721	223,337
1001	Autauga	Montgomery, AL (MSA)	8,837	52,737	20.1%	11,685	43,900
18035	Delaware	Muncie, IN (MSA)	11,638	130,312	9.8%	-9,720	118,674
45051	Horry	Myrtle Beach, SC (MSA)	115,446	313,473	58.3%	95,558	198,027
12021	Collier	Naples, FL (MSA)	217,819	471,890	85.7%	166,567	254,071
47149	Rutherford	Nashville, TN (MSA)	110,256	293,680	60.1%	98,677	183,424
47037	Davidson	Nashville, TN (MSA)	109,877	679,787	19.3%	91,568	569,910
47187	Williamson	Nashville, TN (MSA)	89,665	217,760	70.0%	69,590	128,095
47165	Sumner	Nashville, TN (MSA)	37,590	168,722	28.7%	44,911	131,131
47189	Wilson	Nashville, TN (MSA)	33,278	122,555	37.3%	33,071	89,277
47147	Robertson	Nashville, TN (MSA)	23,981	78,835	43.7%	17,734	54,854
47021	Cheatham	Nashville, TN (MSA)	7,870	43,978	21.8%	14,467	36,108
47043	Dickson	Nashville, TN (MSA)	4,344	47,677	10.0%	13,203	43,333
36103	Suffolk	Nassau-Suffolk, NY (PMSA)	205,562	1,629,615	14.4%	138,898	1,424,053
36059	Nassau	Nassau-Suffolk, NY (PMSA)	164,147	1,500,505	12.3%	15,719	1,336,358
9001	Fairfield	New Haven-Bridgprt-Stamfrd-Danbry-Wtrbry, C	158,955	1,043,559	18.0%	75,901	884,604
9009	New Haven	New Haven-Bridgprt-Stamfrd-Danbry-Wtrbry, C	66,439	891,426	8.1%	62,921	824,987
9011	New London	New London-Norwich, CT (NECMA)	22,822	282,282	8.8%	20,232	259,460
22103	St. Tammany	New Orleans, LA (MSA)	45,235	237,499	23.5%	80,281	192,264
22051	Jefferson	New Orleans, LA (MSA)	-6,804	447,893	-1.5%	-1,344	454,697
22071	Orleans	New Orleans, LA (MSA)	-18,296	465,271	-3.8%	-74,990	483,567
22093	St. James	New Orleans, LA (MSA)	-21,194	0	-100.0%	-370	21,194
22075	Plaquemines	New Orleans, LA (MSA)	-26,746	0	-100.0%	645	26,746
22095	St. John the Baptist	New Orleans, LA (MSA)	-39,592	3,547	-91.8%	10,852	43,139
22087	St. Bernard	New Orleans, LA (MSA)	-47,531	19,484	-70.9%	2,620	67,015
22089	St. Charles	New Orleans, LA (MSA)	-48,196	0	-100.0%	10,713	48,196
36081	Queens	New York, NY (PMSA)	610,051	2,840,947	27.3%	336,600	2,230,896
36047	Kings	New York, NY (PMSA)	413,431	2,879,690	16.8%	232,473	2,466,259
36005	Bronx	New York, NY (PMSA)	297,217	1,631,465	22.3%	165,845	1,334,248
36061	New York	New York, NY (PMSA)	212,669	1,752,938	13.8%	111,898	1,540,269
36085	Richmond	New York, NY (PMSA)	149,100	594,506	33.5%	92,385	445,406
36119	Westchester	New York, NY (PMSA)	147,890	1,073,816	16.0%	58,999	925,926
36087	Rockland	New York, NY (PMSA)	84,555	371,990	29.4%	27,900	287,435
36079	Putnam	New York, NY (PMSA)	54,367	150,485	56.6%	18,713	96,118
34027	Morris	Newark, NJ (PMSA)	153,386	624,756	32.5%	63,169	471,370
34039	Union	Newark, NJ (PMSA)	146,132	669,296	27.9%	18,769	523,164
34013	Essex	Newark, NJ (PMSA)	113,454	905,882	14.3%	-56,948	792,428
34041	Warren	Newark, NJ (PMSA)	43,049	146,023	41.8%	18,385	102,974
34037	Sussex	Newark, NJ (PMSA)	35,962	180,636	24.9%	28,087	144,674
36071	Orange	Newburgh, NY-PA (PMSA)	63,544	406,572	18.5%	82,516	343,028
42103	Pike	Newburgh, NY-PA (PMSA)	19,325	65,974	41.4%	28,273	46,649
51550	Chesapeake (Independent City)	Norfolk-Virginia Beach-Newport News, VA-NC	97,883	298,329	48.8%	85,513	200,446
51810	Virginia Beach (Independent City)	Norfolk-Virginia Beach-Newport News, VA-NC	61,760	488,425	14.5%	161,844	426,665
51800	Suffolk (Independent City)	Norfolk-Virginia Beach-Newport News, VA-NC	26,207	90,452	40.8%	16,641	64,245

37053	Currituck	Norfolk-Virginia Beach-Newport News, VA-NC	22,483	40,823	122.6%	7,225	18,340
51093	Isle of Wight	Norfolk-Virginia Beach-Newport News, VA-NC	15,813	45,696	52.9%	8,264	29,883
51115	Mathews	Norfolk-Virginia Beach-Newport News, VA-NC	3,994	13,199	43.4%	1,189	9,205
51073	Gloucester	Norfolk-Virginia Beach-Newport News, VA-NC	1,904	36,785	5.5%	14,617	34,881
6001	Alameda	Oakland, CA (PMSA)	412,117	1,862,524	28.4%	340,476	1,450,407
6013	Contra Costa	Oakland, CA (PMSA)	358,894	1,312,457	37.6%	294,780	953,563
12083	Marion	Ocala, FL (MSA)	126,184	386,474	48.5%	136,072	260,290
48135	Ector	Odessa-Midland, TX (MSA)	60,004	180,707	49.7%	3,651	120,703
48329	Midland	Odessa-Midland, TX (MSA)	53,642	169,171	46.4%	31,572	115,529
40109	Oklahoma	Oklahoma City, OK (MSA)	118,044	779,633	17.8%	89,951	661,589
40027	Cleveland	Oklahoma City, OK (MSA)	53,695	262,057	25.8%	73,860	208,362
40017	Canadian	Oklahoma City, OK (MSA)	27,256	115,456	30.9%	30,995	88,200
40087	McClain	Oklahoma City, OK (MSA)	8,418	36,265	30.2%	7,435	27,847
40083	Logan	Oklahoma City, OK (MSA)	-9,602	24,350	-28.3%	6,916	33,952
40125	Pottawatomie	Oklahoma City, OK (MSA)	-21,169	44,531	-32.2%	10,045	65,700
53067	Thurston	Olympia, WA (PMSA)	42,768	251,132	20.5%	83,039	208,364
31055	Douglas	Omaha, NE-IA (MSA)	113,508	578,014	24.4%	66,930	464,506
31153	Sarpy	Omaha, NE-IA (MSA)	62,846	186,037	51.0%	36,663	123,191
19155	Pottawattamie	Omaha, NE-IA (MSA)	32,452	120,431	36.9%	1,428	87,979
31025	Cass	Omaha, NE-IA (MSA)	23,344	47,742	95.7%	4,095	24,398
31177	Washington	Omaha, NE-IA (MSA)	12,790	31,587	68.0%	3,254	18,797
6059	Orange	Orange County, CA (PMSA)	853,954	3,710,400	29.9%	908,379	2,856,446
12095	Orange	Orlando, FL (MSA)	433,910	1,336,228	48.1%	427,576	902,318
12097	Osceola	Orlando, FL (MSA)	197,558	371,727	113.4%	123,535	174,169
12117	Seminole	Orlando, FL (MSA)	179,452	546,462	48.9%	185,042	367,010
12069	Lake	Orlando, FL (MSA)	121,889	334,717	57.3%	106,947	212,828
21059	Daviess	Owensboro, KY (MSA)	-3,181	88,423	-3.5%	5,512	91,604
12005	Bay	Panama City, FL (MSA)	36,533	184,776	24.6%	49,925	148,243
54107	Wood	Parkersburg-Marietta, WV-OH (MSA)	-2,339	85,552	-2.7%	-5,719	87,891
39167	Washington	Parkersburg-Marietta, WV-OH (MSA)	-13,607	49,574	-21.5%	-1,057	63,181
12113	Santa Rosa	Pensacola, FL (MSA)	76,584	195,059	64.6%	61,872	118,474
12033	Escambia	Pensacola, FL (MSA)	48,497	342,774	16.5%	59,049	294,277
17179	Tazewell	Peoria-Pekin, IL (MSA)	22,752	151,227	17.7%	-3,566	128,475
17143	Peoria	Peoria-Pekin, IL (MSA)	22,635	205,843	12.4%	-17,237	183,208
17203	Woodford	Peoria-Pekin, IL (MSA)	2,947	38,450	8.3%	2,087	35,503
42091	Montgomery	Philadelphia, PA-NJ (PMSA)	150,097	901,053	20.0%	106,501	750,956
42029	Chester	Philadelphia, PA-NJ (PMSA)	115,493	551,241	26.5%	117,728	435,748
42017	Bucks	Philadelphia, PA-NJ (PMSA)	113,723	713,111	19.0%	118,364	599,388
34005	Burlington	Philadelphia, PA-NJ (PMSA)	93,862	518,507	22.1%	61,031	424,645
34015	Gloucester	Philadelphia, PA-NJ (PMSA)	68,544	323,851	26.8%	54,800	255,307
34007	Camden	Philadelphia, PA-NJ (PMSA)	58,274	566,979	11.5%	35,915	508,705
42045	Delaware	Philadelphia, PA-NJ (PMSA)	41,766	593,919	7.6%	-2,256	552,153
34033	Salem	Philadelphia, PA-NJ (PMSA)	-16,298	47,925	-25.4%	-424	64,223
42101	Philadelphia	Philadelphia, PA-NJ (PMSA)	-21,309	1,492,375	-1.4%	-171,750	1,513,684
4013	Maricopa	Phoenix-Mesa, AZ (MSA)	1,547,026	4,643,369	50.0%	1,575,503	3,096,343
4021	Pinal	Phoenix-Mesa, AZ (MSA)	192,012	373,444	105.8%	90,090	181,432
5069	Jefferson	Pine Bluff, AR (MSA)	-7,693	76,526	-9.1%	-6,503	84,219
42019	Butler	Pittsburgh, PA (MSA)	25,336	199,906	14.5%	26,471	174,570
42051	Fayette	Pittsburgh, PA (MSA)	-401	148,096	-0.3%	-10,588	148,497
42129	Westmoreland	Pittsburgh, PA (MSA)	-8,249	361,519	-2.2%	-22,526	369,768

42125	Washington	Pittsburgh, PA (MSA)	-9,654	193,357	-4.8%	-13,947	203,011
42007	Beaver	Pittsburgh, PA (MSA)	-19,552	161,589	-10.8%	-22,860	181,141
42003	Allegheny	Pittsburgh, PA (MSA)	-48,588	1,231,395	-3.8%	-168,271	1,279,982
25003	Berkshire	Pittsfield, MA (NECMA)	-2,750	132,059	-2.0%	-10,272	134,809
16005	Bannock	Pocatello, ID (MSA)	20,306	95,888	26.9%	9,932	75,582
23005	Cumberland	Portland, ME (NECMA)	28,451	294,410	10.7%	49,563	265,959
41067	Washington	Portland-Vancouver, OR-WA (PMSA)	266,919	715,361	59.5%	200,680	448,442
53011	Clark	Portland-Vancouver, OR-WA (PMSA)	192,723	540,216	55.5%	154,263	347,493
41051	Multnomah	Portland-Vancouver, OR-WA (PMSA)	186,382	847,774	28.2%	97,786	661,392
41005	Clackamas	Portland-Vancouver, OR-WA (PMSA)	134,489	474,065	39.6%	96,719	339,576
41071	Yamhill	Portland-Vancouver, OR-WA (PMSA)	47,808	133,092	56.1%	29,652	85,284
41009	Columbia	Portland-Vancouver, OR-WA (PMSA)	6,400	50,070	14.7%	7,947	43,670
44007	Providence	Providence-Warwick-Pawtucket, RI (NECMA)	83,675	706,414	13.4%	50,259	622,739
44001	Bristol	Providence-Warwick-Pawtucket, RI (NECMA)	30,248	80,985	59.6%	3,910	50,737
44003	Kent	Providence-Warwick-Pawtucket, RI (NECMA)	27,163	194,663	16.2%	13,281	167,500
44009	Washington	Providence-Warwick-Pawtucket, RI (NECMA)	26,788	150,801	21.6%	30,419	124,013
49049	Utah	Provo-Orem, UT (MSA)	160,268	531,128	43.2%	150,967	370,860
8101	Pueblo	Pueblo, CO (MSA)	81,719	223,557	57.6%	15,826	141,838
12015	Charlotte	Punta Gorda, FL (MSA)	36,808	179,076	25.9%	82,796	142,268
55101	Racine	Racine, WI (PMSA)	29,126	218,111	15.4%	16,006	188,985
37183	Wake	Raleigh-Durham-Chapel Hill, NC (MSA)	392,122	1,025,270	61.9%	329,792	633,148
37063	Durham	Raleigh-Durham-Chapel Hill, NC (MSA)	129,104	353,647	57.5%	71,707	224,543
37101	Johnston	Raleigh-Durham-Chapel Hill, NC (MSA)	127,335	250,626	103.3%	52,482	123,291
37037	Chatham	Raleigh-Durham-Chapel Hill, NC (MSA)	70,353	120,062	141.5%	16,160	49,709
37135	Orange	Raleigh-Durham-Chapel Hill, NC (MSA)	69,053	185,066	59.5%	38,747	116,013
37069	Franklin	Raleigh-Durham-Chapel Hill, NC (MSA)	49,429	97,031	103.8%	17,462	47,602
46103	Pennington	Rapid City, SD (MSA)	788	89,559	0.9%	18,287	88,771
42011	Berks	Reading, PA (MSA)	67,888	442,355	18.1%	61,451	374,467
6089	Shasta	Redding, CA (MSA)	8,631	172,457	5.3%	47,236	163,826
32031	Washoe	Reno, NV (MSA)	259,487	600,804	76.0%	145,945	341,317
53021	Franklin	Richland-Kennewick-Pasco, WA (MSA)	115,505	165,060	233.1%	14,292	49,555
53005	Benton	Richland-Kennewick-Pasco, WA (MSA)	90,056	233,147	62.9%	32,839	143,091
51041	Chesterfield	Richmond-Petersburg, VA (MSA)	103,604	364,564	39.7%	118,185	260,960
51087	Henrico	Richmond-Petersburg, VA (MSA)	100,560	363,833	38.2%	82,205	263,273
51085	Hanover	Richmond-Petersburg, VA (MSA)	73,387	160,394	84.3%	36,446	87,007
51145	Powhatan	Richmond-Petersburg, VA (MSA)	71,236	93,847	315.1%	9,559	22,611
51075	Goochland	Richmond-Petersburg, VA (MSA)	37,092	54,029	219.0%	5,166	16,937
51127	New Kent	Richmond-Petersburg, VA (MSA)	32,562	46,098	240.6%	4,730	13,536
51036	Charles City	Richmond-Petersburg, VA (MSA)	-6,929	0	-100.0%	226	6,929
6065	Riverside	Riverside-San Bernardino, CA (PMSA)	681,484	2,241,310	43.7%	890,353	1,559,826
6071	San Bernardino	Riverside-San Bernardino, CA (PMSA)	569,074	2,288,002	33.1%	815,972	1,718,928
51023	Botetourt	Roanoke, VA (MSA)	21,649	52,215	70.8%	7,255	30,566
27109	Olmsted	Rochester, MN (MSA)	69,929	194,773	56.0%	32,491	124,844
36055	Monroe	Rochester, NY (MSA)	26,555	762,232	3.6%	32,374	735,677
36069	Ontario	Rochester, NY (MSA)	-9,212	91,186	-9.2%	11,356	100,398
36037	Genesee	Rochester, NY (MSA)	-23,423	36,901	-38.8%	828	60,324
36117	Wayne	Rochester, NY (MSA)	-24,492	69,276	-26.1%	8,996	93,768
36051	Livingston	Rochester, NY (MSA)	-27,988	36,395	-43.5%	7,298	64,383
36073	Orleans	Rochester, NY (MSA)	-33,150	11,028	-75.0%	5,652	44,178
17201	Winnebago	Rockford, IL (MSA)	84,803	363,748	30.4%	27,866	278,945

17007	Boone	Rockford, IL (MSA)	60,279	102,348	143.3%	13,319	42,069
17141	Ogle	Rockford, IL (MSA)	32,029	83,194	62.6%	4,743	51,165
37127	Nash	Rocky Mount, NC (MSA)	42,400	130,155	48.3%	20,378	87,755
37065	Edgecombe	Rocky Mount, NC (MSA)	32,897	88,195	59.5%	-788	55,298
6067	Sacramento	Sacramento, CA (PMSA)	302,821	1,532,860	24.6%	441,764	1,230,039
6061	Placer	Sacramento, CA (PMSA)	158,330	409,614	63.0%	132,952	251,284
6017	El Dorado	Sacramento, CA (PMSA)	77,820	234,996	49.5%	70,619	157,176
26145	Saginaw	Saginaw-Bay City-Midland, MI (MSA)	24,964	234,912	11.9%	-17,425	209,948
26111	Midland	Saginaw-Bay City-Midland, MI (MSA)	20,374	103,399	24.5%	9,143	83,025
26017	Bay	Saginaw-Bay City-Midland, MI (MSA)	1,690	111,812	1.5%	-9,915	110,122
41047	Marion	Salem, OR (PMSA)	109,906	395,487	38.5%	80,073	285,581
41053	Polk	Salem, OR (PMSA)	28,650	91,299	45.7%	17,308	62,649
6053	Monterey	Salinas, CA (MSA)	228,776	631,809	56.8%	110,627	403,033
49035	Salt Lake	Salt Lake City-Ogden, UT (MSA)	284,412	1,185,036	31.6%	276,617	900,624
49011	Davis	Salt Lake City-Ogden, UT (MSA)	70,306	310,632	29.3%	92,441	240,325
49057	Weber	Salt Lake City-Ogden, UT (MSA)	65,312	262,737	33.1%	52,020	197,425
48451	Tom Green	San Angelo, TX (MSA)	27,165	131,107	26.1%	18,619	103,942
48029	Bexar	San Antonio, TX (MSA)	374,932	1,772,749	26.8%	402,676	1,397,817
48187	Guadalupe	San Antonio, TX (MSA)	73,332	163,217	81.6%	42,793	89,885
48091	Comal	San Antonio, TX (MSA)	68,354	147,142	86.8%	42,069	78,788
48493	Wilson	San Antonio, TX (MSA)	44,042	76,755	134.6%	15,894	32,713
6073	San Diego	San Diego, CA (MSA)	634,780	3,459,858	22.5%	949,458	2,825,078
6075	San Francisco	San Francisco, CA (PMSA)	315,630	1,092,232	40.6%	95,772	776,602
6081	San Mateo	San Francisco, CA (PMSA)	292,084	1,000,422	41.2%	119,896	708,338
6041	Marin	San Francisco, CA (PMSA)	168,590	416,201	68.1%	24,667	247,611
6085	Santa Clara	San Jose, CA (PMSA)	497,900	2,184,374	29.5%	384,959	1,686,474
6079	San Luis Obispo	San Luis Obispo-Atascadero-Paso Robles, CA	96,291	343,969	38.9%	90,892	247,678
6083	Santa Barbara	Santa Barbara-Santa Maria-Lompoc, CA (MSA)	170,907	570,653	42.8%	99,555	399,746
6087	Santa Cruz	Santa Cruz-Watsonville, CA (PMSA)	156,829	412,611	61.3%	66,477	255,782
35049	Santa Fe	Santa Fe, NM (MSA)	152,538	282,353	117.5%	53,943	129,815
35028	Los Alamos	Santa Fe, NM (MSA)	71,587	89,882	391.3%	703	18,295
6097	Sonoma	Santa Rosa, CA (PMSA)	200,535	660,873	43.6%	158,752	460,338
12081	Manatee	Sarasota-Bradenton, FL (MSA)	100,606	366,310	37.9%	115,442	265,704
12115	Sarasota	Sarasota-Bradenton, FL (MSA)	96,613	423,625	29.5%	122,550	327,012
13103	Effingham	Savannah, GA (MSA)	55,893	93,695	147.9%	19,409	37,802
13051	Chatham	Savannah, GA (MSA)	33,331	265,305	14.4%	28,933	231,974
13029	Bryan	Savannah, GA (MSA)	30,019	53,557	127.5%	13,281	23,538
42079	Luzerne	Scranton-Wilkes-Barre-Hazleton, PA (MSA)	-13,730	304,849	-4.3%	-24,056	318,579
42131	Wyoming	Scranton-Wilkes-Barre-Hazleton, PA (MSA)	-14,910	13,114	-53.2%	1,571	28,024
42069	Lackawanna	Scranton-Wilkes-Barre-Hazleton, PA (MSA)	-17,099	195,805	-8.0%	-15,029	212,904
42037	Columbia	Scranton-Wilkes-Barre-Hazleton, PA (MSA)	-26,520	37,585	-41.4%	2,036	64,105
53033	King	Seattle-Bellevue-Everett, WA (PMSA)	424,664	2,163,580	24.4%	462,391	1,738,916
53061	Snohomish	Seattle-Bellevue-Everett, WA (PMSA)	238,509	847,677	39.2%	268,623	609,168
53029	Island	Seattle-Bellevue-Everett, WA (PMSA)	4,726	76,569	6.6%	27,534	71,843
42085	Mercer	Sharon, PA (MSA)	-32,073	88,113	-26.7%	-8,019	120,186
55117	Sheboygan	Sheboygan, WI (MSA)	13,685	126,439	12.1%	11,847	112,754
48181	Grayson	Sherman-Denison, TX (MSA)	28,292	139,304	25.5%	20,894	111,012
22015	Bossier	Shreveport-Bossier City, LA (MSA)	10,320	108,935	10.5%	17,330	98,615
22017	Caddo	Shreveport-Bossier City, LA (MSA)	-4,373	247,559	-1.7%	-1,069	251,932
22119	Webster	Shreveport-Bossier City, LA (MSA)	-29,886	11,849	-71.6%	-1,923	41,735

31043	Dakota	Sioux City, IA-NE (MSA)	76,115	96,393	375.4%	3,646	20,278
19193	Woodbury	Sioux City, IA-NE (MSA)	50,740	154,589	48.9%	2,856	103,849
46099	Minnehaha	Sioux Falls, SD (MSA)	51,965	200,954	34.9%	39,352	148,989
46083	Lincoln	Sioux Falls, SD (MSA)	38,845	63,394	158.2%	10,615	24,549
18141	St. Joseph	South Bend, IN (MSA)	40,572	306,433	15.3%	24,509	265,861
53063	Spokane	Spokane, WA (MSA)	118,094	536,767	28.2%	75,734	418,673
17167	Sangamon	Springfield, IL (MSA)	45,695	234,745	24.2%	12,988	189,050
17129	Menard	Springfield, IL (MSA)	9,465	21,979	75.6%	796	12,514
25013	Hampden	Springfield, MA (NECMA)	14,845	471,332	3.3%	12,877	456,487
25015	Hampshire	Springfield, MA (NECMA)	2,477	154,939	1.6%	13,380	152,462
29043	Christian	Springfield, MO (MSA)	47,996	102,947	87.3%	32,490	54,951
29077	Greene	Springfield, MO (MSA)	32,971	273,596	13.7%	54,969	240,625
29225	Webster	Springfield, MO (MSA)	3,079	34,328	9.9%	10,783	31,249
27145	Stearns	St. Cloud, MN (MSA)	17,641	151,235	13.2%	25,131	133,594
27009	Benton	St. Cloud, MN (MSA)	2,742	37,224	8.0%	9,163	34,482
29021	Buchanan	St. Joseph, MO (MSA)	-16,049	70,002	-18.7%	-1,681	86,051
29003	Andrew	St. Joseph, MO (MSA)	-16,536	0	-100.0%	2,520	16,536
29183	St. Charles	St. Louis, MO-IL (MSA)	119,526	405,690	41.8%	140,914	286,164
29189	St. Louis	St. Louis, MO-IL (MSA)	63,571	1,079,951	6.3%	41,420	1,016,380
29099	Jefferson	St. Louis, MO-IL (MSA)	53,262	252,056	26.8%	52,121	198,794
17119	Madison	St. Louis, MO-IL (MSA)	40,149	299,247	15.5%	11,539	259,098
17133	Monroe	St. Louis, MO-IL (MSA)	33,375	61,142	120.2%	7,573	27,767
17163	St. Clair	St. Louis, MO-IL (MSA)	19,079	275,337	7.4%	-11,272	256,258
17083	Jersey	St. Louis, MO-IL (MSA)	14,039	35,708	64.8%	1,071	21,669
29113	Lincoln	St. Louis, MO-IL (MSA)	13,249	52,506	33.8%	17,028	39,257
29071	Franklin	St. Louis, MO-IL (MSA)	11,899	105,962	12.7%	22,709	94,063
17027	Clinton	St. Louis, MO-IL (MSA)	10,960	46,516	30.8%	2,718	35,556
29219	Warren	St. Louis, MO-IL (MSA)	-7,695	17,041	-31.1%	9,712	24,736
29510	St. Louis (Independent City)	St. Louis, MO-IL (MSA)	-33,793	312,975	-9.7%	-104,344	346,768
42027	Centre	State College, PA (MSA)	-1,221	134,758	-0.9%	22,848	135,979
54029	Hancock	Steubenville-Weirton, OH-WV (MSA)	-186	32,436	-0.6%	-8,339	32,622
54009	Brooke	Steubenville-Weirton, OH-WV (MSA)	-4,477	20,894	-17.6%	-5,711	25,371
39081	Jefferson	Steubenville-Weirton, OH-WV (MSA)	-16,288	57,390	-22.1%	-17,624	73,678
6077	San Joaquin	Stockton-Lodi, CA (MSA)	268,931	837,094	47.3%	217,859	568,163
45085	Sumter	Sumter, SC (MSA)	29,953	134,694	28.6%	16,005	104,741
36067	Onondaga	Syracuse, NY (MSA)	-24,414	434,030	-5.3%	-5,288	458,444
36053	Madison	Syracuse, NY (MSA)	-36,066	33,378	-51.9%	4,187	69,444
36011	Cayuga	Syracuse, NY (MSA)	-56,550	25,388	-69.0%	1,986	81,938
36075	Oswego	Syracuse, NY (MSA)	-62,809	59,728	-51.3%	8,762	122,537
53053	Pierce	Tacoma, WA (PMSA)	151,866	855,827	21.6%	215,207	703,961
12073	Leon	Tallahassee, FL (MSA)	114,644	354,669	47.8%	90,233	240,025
12039	Gadsden	Tallahassee, FL (MSA)	54,783	99,836	121.6%	3,300	45,053
12057	Hillsborough	Tampa-St. Petersburg-Clearwater, FL (MSA)	321,649	1,324,731	32.1%	351,249	1,003,082
12103	Pinellas	Tampa-St. Petersburg-Clearwater, FL (MSA)	143,785	1,065,993	15.6%	189,341	922,208
12101	Pasco	Tampa-St. Petersburg-Clearwater, FL (MSA)	97,293	444,648	28.0%	150,795	347,355
12053	Hernando	Tampa-St. Petersburg-Clearwater, FL (MSA)	24,965	156,457	19.0%	85,777	131,492
18167	Vigo	Terre Haute, IN (MSA)	17,407	123,125	16.5%	-6,530	105,718
18165	Vermillion	Terre Haute, IN (MSA)	9,649	26,427	57.5%	-1,474	16,778
18021	Clay	Terre Haute, IN (MSA)	5,801	32,359	21.8%	1,757	26,558
5091	Miller	Texarkana, TX-Texarkana AR (MSA)	6,539	46,988	16.2%	2,580	40,449

48037	Bowie	Texarkana, TX-Texarkana AR (MSA)	3,077	92,360	3.4%	13,773	89,283
39051	Fulton	Toledo, OH (MSA)	15,265	57,408	36.2%	4,366	42,143
39173	Wood	Toledo, OH (MSA)	10,702	131,910	8.8%	13,465	121,208
39095	Lucas	Toledo, OH (MSA)	9,800	464,693	2.2%	-16,751	454,893
20177	Shawnee	Topeka, KS (MSA)	28,967	199,014	17.0%	14,913	170,047
34021	Mercer	Trenton, NJ (PMSA)	113,600	465,180	32.3%	43,784	351,580
4019	Pima	Tucson, AZ (MSA)	380,615	1,229,259	44.8%	312,864	848,644
40143	Tulsa	Tulsa, OK (MSA)	92,864	656,606	16.5%	90,543	563,742
40131	Rogers	Tulsa, OK (MSA)	9,126	80,487	12.8%	24,507	71,361
40145	Wagoner	Tulsa, OK (MSA)	536	58,269	0.9%	15,587	57,733
40113	Osage	Tulsa, OK (MSA)	-5,170	39,377	-11.6%	5,149	44,547
40037	Creek	Tulsa, OK (MSA)	-6,959	60,594	-10.3%	8,149	67,553
1125	Tuscaloosa	Tuscaloosa, AL (MSA)	5,708	170,773	3.5%	27,234	165,065
48423	Smith	Tyler, TX (MSA)	51,100	226,508	29.1%	46,092	175,408
36065	Oneida	Utica-Rome, NY (MSA)	-36,758	198,450	-15.6%	-18,352	235,208
36043	Herkimer	Utica-Rome, NY (MSA)	-59,174	5,217	-91.9%	-2,272	64,391
6095	Solano	Vallejo-Fairfield-Napa, CA (PMSA)	178,982	576,148	45.1%	159,710	397,166
6055	Napa	Vallejo-Fairfield-Napa, CA (PMSA)	152,272	276,858	122.2%	25,255	124,586
6111	Ventura	Ventura, CA (PMSA)	269,157	1,025,782	35.6%	223,798	756,625
48469	Victoria	Victoria, TX (MSA)	19,492	103,509	23.2%	14,640	84,017
34011	Cumberland	Vineland-Millville-Bridgeton, NJ (PMSA)	33,559	179,933	22.9%	13,286	146,374
6107	Tulare	Visalia-Tulare-Porterville, CA (MSA)	174,369	543,214	47.3%	121,419	368,845
48309	McLennan	Waco, TX (MSA)	48,814	262,815	22.8%	42,547	214,001
24031	Montgomery	Washington, DC-MD-VA-WV (PMSA)	326,464	1,204,245	37.2%	295,728	877,781
51107	Loudoun	Washington, DC-MD-VA-WV (PMSA)	230,667	404,607	132.6%	116,175	173,940
24033	Prince George's	Washington, DC-MD-VA-WV (PMSA)	209,605	1,013,254	26.1%	137,280	803,649
51013	Arlington	Washington, DC-MD-VA-WV (PMSA)	176,822	366,145	93.4%	35,960	189,323
24021	Frederick	Washington, DC-MD-VA-WV (PMSA)	102,482	299,077	52.1%	80,889	196,595
51179	Stafford	Washington, DC-MD-VA-WV (PMSA)	63,448	157,067	67.8%	52,907	93,619
24009	Calvert	Washington, DC-MD-VA-WV (PMSA)	53,916	129,107	71.7%	40,307	75,191
11001	District of Columbia	Washington, DC-MD-VA-WV (PMSA)	43,635	615,072	7.6%	-66,847	571,437
24017	Charles	Washington, DC-MD-VA-WV (PMSA)	40,613	161,894	33.5%	47,815	121,281
51061	Fauquier	Washington, DC-MD-VA-WV (PMSA)	38,174	93,743	68.7%	19,499	55,569
54003	Berkeley	Washington, DC-MD-VA-WV (PMSA)	32,718	109,148	42.8%	29,435	76,430
51047	Culpeper	Washington, DC-MD-VA-WV (PMSA)	21,578	56,070	62.6%	11,770	34,492
54037	Jefferson	Washington, DC-MD-VA-WV (PMSA)	18,009	60,453	42.4%	12,010	42,444
51187	Warren	Washington, DC-MD-VA-WV (PMSA)	16,350	48,069	51.5%	10,463	31,719
51043	Clarke	Washington, DC-MD-VA-WV (PMSA)	16,174	28,883	127.3%	2,708	12,709
51099	King George	Washington, DC-MD-VA-WV (PMSA)	-1,040	15,847	-6.2%	6,338	16,887
19013	Black Hawk	Waterloo-Cedar Falls, IA (MSA)	26,620	154,522	20.8%	-10,111	127,902
55073	Marathon	Wausau, WI (MSA)	18,751	144,653	14.9%	14,656	125,902
12099	Palm Beach	West Palm Beach-Boca Raton, FL (MSA)	466,127	1,601,782	41.0%	549,913	1,135,655
54051	Marshall	Wheeling, WV-OH (MSA)	-12,423	22,974	-35.1%	-6,135	35,397
54069	Ohio	Wheeling, WV-OH (MSA)	-26,563	20,771	-56.1%	-14,010	47,334
39013	Belmont	Wheeling, WV-OH (MSA)	-34,829	35,290	-49.7%	-12,345	70,119
48485	Wichita	Wichita Falls, TX (MSA)	31,990	163,348	24.4%	9,792	131,358
48009	Archer	Wichita Falls, TX (MSA)	-8,974	0	-100.0%	1,650	8,974
20173	Sedgwick	Wichita, KS (MSA)	116,876	570,339	25.8%	84,759	453,463
20015	Butler	Wichita, KS (MSA)	22,614	82,304	37.9%	14,623	59,690
20079	Harvey	Wichita, KS (MSA)	5,166	38,046	15.7%	2,254	32,880

42081	Lycoming	Williamsport, PA (MSA)	1,433	121,368	1.2%	1,664	119,935
37129	New Hanover	Wilmington, NC (MSA)	77,168	237,831	48.0%	56,751	160,663
37019	Brunswick	Wilmington, NC (MSA)	39,776	113,526	53.9%	37,676	73,750
10003	New Castle	Wilmington-Newark, DE-MD (PMSA)	124,523	626,373	24.8%	103,322	501,850
24015	Cecil	Wilmington-Newark, DE-MD (PMSA)	31,559	118,027	36.5%	25,878	86,468
53077	Yakima	Yakima, WA (MSA)	122,911	345,620	55.2%	49,591	222,709
6113	Yolo	Yolo, CA (PMSA)	167,084	336,850	98.4%	55,975	169,766
42133	York	York, PA (MSA)	76,931	459,651	20.1%	69,121	382,720
39155	Trumbull	Youngstown-Warren, OH (MSA)	6,347	231,288	2.8%	-16,765	224,941
39029	Columbiana	Youngstown-Warren, OH (MSA)	-2,063	110,039	-1.8%	-1,326	112,102
39099	Mahoning	Youngstown-Warren, OH (MSA)	-15,058	241,986	-5.9%	-31,645	257,044
6101	Sutter	Yuba City, CA (MSA)	108,149	187,317	136.6%	26,588	79,168
6115	Yuba	Yuba City, CA (MSA)	53,172	113,512	88.1%	10,532	60,340
4027	Yuma	Yuma, AZ (MSA)	236,192	396,899	147.0%	69,314	160,707