**October 2015**

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# **State Prosperity Matrix**

Author: [Nathan J. Ashby](http://therightinsight.org/Nathan-Ashby) and [Mark Berens](http://therightinsight.org/mark-berens)

This project constructs prosperity rankings for the U.S. States based on net migration patterns between 2003 and 2010. Using a statistical technique called regression analysis we have analyzed selected factors at the U.S. State level to discover the major drivers of net migration. The goal was to keep it as simple as possible and concentrate on the factors that have the most explanatory power. We do not suggest in any way that our findings explain all of the migration patterns, but we have found that the three variables are highly associated with net migration patterns in the United States over this time period.

We analyzed both total net migration patterns and net migration excluding Hispanics using US Census population estimates. One variable was robust in both samples. A higher tax burden is associated with low net migration into the States. The total tax burden is estimated by the Tax Foundation and measures the effective State tax rates that residents in each State pay. This includes income taxes, property taxes, sales taxes, and all other taxes [excluding taxes that are imposed primarily on non-residents such as oil and mineral severance taxes and taxes on hotel charges]. The methodology for this measure is discussed extensively on the [Tax Foundation’s website](http://taxfoundation.org/article/state-and-local-tax-burdens-all-years-one-state-1977-2010).

Two other measures were robust in one of the two samples. Employment growth was strongly associated with net migration rates in the total sample of migrants. Union density, the percentage of the unionized workforce, had a negative association with net migration rates in both samples, but was only statistically significant in the sample which adjusted for Hispanics. In initial analyses we also considered right to work States which appeared to be equally informative to union density. Due to flexibility in union density rates and ease in interpretation, we opted to stick with union density rates. However, the strong relationship between union density and right to work legislation should be noted given that this suggests a correlation between labor policy and unionization outcomes.

We use the formula which is used to normalize different variables in different indices to score each State between 0 and 10 for each variable. For any given value for State i the score is calculated as follows: [Value(maximum)-Value(i)]/[Value(maximum)-Value(minimum)].The first takes the average of all three factors. The second takes the average of the tax rate score and employment growth rate score. The last takes the average of the tax rate score and the union density score.

There are some interesting trends disclosed by comparing the three measures. None of the States in the Northeast rank in the top quintile for the three measures with the exception of New Hampshire which ranks 10th in Index 3. New Hampshire has set itself somewhat apart from other States in the region. Although employment growth has not been high, it is a State with relatively low unionization and tax rates. New York ranks last in two of the three measures. Despite the continuing importance of New York to the national economy, it has experienced negative net migration in the past decade. As other parts of the U.S. economy continue to improve, New York may become less relevant unless its high tax burden and unionization decline. Notably California ranks in the bottom quintile for all three indices and has experienced net outward migration.

Other measures were considered when determining which factors to include. However, we were not able to find any traction with other variables. We considered a measure of business licensing requirements constructed by the [Institute for Justice](https://www.ij.org/l2w-intro). We found no significant association between this measure and net migration rates. This does not suggest that licensing requirements are unimportant. It may be that the measure does not adequately measure the variation in licensing requirements between the States. Although the effort to measure licensing requirements by the Institute for Justice is extensive, it is a difficult task and perhaps improvement in measurement may lead to a better connection between licensing and net migration in the future. We also tried to control for transfer and subsidy payments as a percentage of GDP as a potential draw for migrants. This variable also did not appear to have a significant association during the sample period. We did consider many of the Forbes measures for [Business Climate](http://www.forbes.com/best-states-for-business/) which did appear to have a significant association with migration. However, we decided not to use other indices as it is difficult to pinpoint specific policy implications from an index. The measures we have used we believe are much simpler for policymakers and voters to understand.

We do not claim this to be a perfect measure nor do we suggest it is fundamentally superior to other indices. Certainly, more sophisticated analysis may provide better insights in the future. We simply present these results to stimulate dialogue about what is driving prosperity among the States.

Certainly, as has been explained by Neumark et al, there are factors other than policy that matter. California, for example, has many geographic and climatic features that make it attractive destination for migrants as well as winter tourists. Other States in this category are Florida and Hawaii and to a lesser extent the Gulf Coast States and Arizona. In conducting our analysis we did control for weather and coastal locations. These surprisingly didn’t demonstrate significant during the period of our sample. However, as noted above California has experienced a net outward migration over the period. So despite its favorable geography, it has not managed to bring in more people than those that have departed.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **State Prosperity Matrix** | | | | | | | | | | | | | | | | | | | | |
|  | **=West** | | | | | **=Midwest** | | | **=South** | | | **=Northeast** | |  | | |  |  |  |  |
|  | **T=Overall Tax Rate, E=Employment Growth Rate, U=Union Density** | | | | | | | | | | | | | | | |  |  |  |  |
| **St.** | **Score T,E,U** | | **Rank T,E,U** | **Quintile T,E,U** | | | **Score T,E** | **Rank T,E** | | **Quintile T,E** | | **Score T,U** | **Rank T,U** | | **Quintile T,U** | | **Compos- ite Ranking** | **Compos ite Quintile** | **Net Migration (Less Hispanics)** | **Net Migration Total** |
|  | Tax Rate, Union Den. & Employment Growth | | | | | | Tax Rate & Employment Growth | | | | | Tax Rate & Union Density | | | | |  | |  | |
| AL | 6 | 23 | | | 3 | | 5.5 | 20 | | | 2 | 6.4 | 19 | | | 2 | 23 | 3 | 59,000 | 123,894 |
| AK | 6.1 | 20 | | | 2 | | 8.6 | 2 | | | 1 | 5.5 | 27 | | | 3 | 16 | 2 | -15,679 | 840 |
| AZ | 6.9 | 7 | | | 1 | | 6.2 | 8 | | | 1 | 6.8 | 14 | | | 2 | 8 | 1 | 53,457 | 657,976 |
| AR | 6 | 21 | | | 3 | | 4.4 | 31 | | | 4 | 6.5 | 18 | | | 2 | 24 | 3 | 10,281 | 85,093 |
| CA | 3.2 | 46 | | | 5 | | 3 | 42 | | | 5 | 3 | 46 | | | 5 | 45 | 5 | -1,507,154 | 642,047 |
| CO | 6.7 | 12 | | | 2 | | 6.1 | 10 | | | 1 | 6.7 | 16 | | | 2 | 11 | 2 | 39,832 | 259,716 |
| CT | 3.3 | 45 | | | 5 | | 2.8 | 45 | | | 5 | 2.7 | 47 | | | 5 | 46 | 5 | -72,349 | 21,062 |
| DE | 5.2 | 28 | | | 3 | | 4.8 | 27 | | | 3 | 5.3 | 31 | | | 4 | 28 | 3 | 21,218 | 43,793 |
| FL | 6.6 | 14 | | | 2 | | 5.5 | 17 | | | 2 | 7 | 8 | | | 1 | 12 | 2 | 245,152 | 1,265,785 |
| GA | 6.7 | 11 | | | 2 | | 5.5 | 19 | | | 2 | 6.9 | 9 | | | 1 | 13 | 2 | 302,603 | 614,768 |
| HI | 3.5 | 42 | | | 5 | | 4.9 | 25 | | | 3 | 2 | 48 | | | 5 | 39 | 4 | -21,527 | 16,142 |
| ID | 6.5 | 16 | | | 2 | | 5.5 | 18 | | | 2 | 6.3 | 20 | | | 2 | 20 | 2 | 42,891 | 96,737 |
| IL | 3.7 | 40 | | | 4 | | 3.7 | 39 | | | 4 | 3.9 | 40 | | | 4 | 41 | 5 | -343,353 | 1,125 |
| IN | 4.6 | 33 | | | 4 | | 3.8 | 37 | | | 4 | 5.4 | 30 | | | 3 | 34 | 4 | -51,633 | 60,580 |
| IA | 5.3 | 27 | | | 3 | | 4.8 | 26 | | | 3 | 5.5 | 29 | | | 3 | 26 | 3 | -21,579 | 21,409 |
| KS | 5.7 | 25 | | | 3 | | 4.5 | 30 | | | 3 | 6.1 | 22 | | | 3 | 25 | 3 | -50,101 | 14,619 |
| KY | 5.1 | 29 | | | 3 | | 4.1 | 35 | | | 4 | 5.5 | 28 | | | 3 | 30 | 3 | 52,086 | 99,211 |
| LA | 6.8 | 9 | | | 1 | | 5.9 | 12 | | | 2 | 7.4 | 6 | | | 1 | 7 | 1 | -222,884 | -171,423 |
| ME | 3.9 | 39 | | | 4 | | 2.9 | 43 | | | 5 | 4.3 | 35 | | | 4 | 40 | 4 | 8,276 | 15,901 |
| MD | 4.7 | 32 | | | 4 | | 4.2 | 34 | | | 4 | 4.3 | 34 | | | 4 | 35 | 4 | -116,645 | 36,412 |
| MA | 4.1 | 38 | | | 4 | | 3.8 | 38 | | | 4 | 4 | 37 | | | 4 | 38 | 4 | -136,490 | -4,535 |
| MI | 2.1 | 49 | | | 5 | | 2 | 50 | | | 5 | 3.2 | 44 | | | 5 | 48 | 5 | -359,903 | -288,085 |
| MN | 3.7 | 41 | | | 5 | | 3.5 | 40 | | | 4 | 3.5 | 41 | | | 5 | 42 | 5 | -27,400 | 40,286 |
| MS | 6.3 | 19 | | | 2 | | 5 | 23 | | | 3 | 7.2 | 7 | | | 1 | 17 | 2 | -33,969 | -4,540 |
| MO | 4.9 | 30 | | | 3 | | 4.2 | 33 | | | 4 | 5.6 | 25 | | | 3 | 29 | 3 | 11,908 | 82,643 |
| MT | 5.9 | 24 | | | 3 | | 6.1 | 9 | | | 1 | 5.6 | 26 | | | 3 | 22 | 3 | 25,319 | 35,787 |
| NE | 5.4 | 26 | | | 3 | | 4.4 | 32 | | | 4 | 5.6 | 24 | | | 3 | 27 | 3 | -37,744 | 7,959 |
| NV | 6.4 | 17 | | | 2 | | 7.3 | 5 | | | 1 | 5.9 | 23 | | | 3 | 14 | 2 | 51,426 | 296,827 |
| NH | 6 | 22 | | | 3 | | 5.6 | 15 | | | 2 | 6.9 | 10 | | | 1 | 15 | 2 | 3,653 | 17,387 |
| NJ | 2.6 | 48 | | | 5 | | 2.6 | 47 | | | 5 | 1.7 | 49 | | | 5 | 49 | 5 | -230,247 | 36,426 |
| NM | 6.3 | 18 | | | 2 | | 5.4 | 21 | | | 3 | 6.5 | 17 | | | 2 | 21 | 3 | -60,901 | 70,084 |
| NY | 1.9 | 50 | | | 5 | | 2.9 | 44 | | | 5 | 0 | 50 | | | 5 | 50 | 5 | -575,927 | -252,290 |
| NC | 6.6 | 13 | | | 2 | | 4.9 | 24 | | | 3 | 6.8 | 13 | | | 2 | 19 | 2 | 367,926 | 647,364 |
| ND | 7.4 | 5 | | | 1 | | 7.1 | 6 | | | 1 | 6.7 | 15 | | | 2 | 5 | 1 | -7,217 | -300 |
| OH | 3.3 | 44 | | | 5 | | 2.6 | 48 | | | 5 | 3.9 | 38 | | | 4 | 43 | 5 | -251,484 | -160,576 |
| OK | 6.9 | 8 | | | 1 | | 6 | 11 | | | 2 | 6.9 | 11 | | | 2 | 9 | 1 | -16,717 | 95,038 |
| OR | 4.5 | 34 | | | 4 | | 4.7 | 28 | | | 3 | 4 | 36 | | | 4 | 33 | 4 | 76,748 | 204,859 |
| PA | 4.1 | 37 | | | 4 | | 3.9 | 36 | | | 4 | 3.9 | 39 | | | 4 | 37 | 4 | -93,920 | 126,603 |
| RI | 2.9 | 47 | | | 5 | | 2.4 | 49 | | | 5 | 3.1 | 45 | | | 5 | 47 | 5 | -43,802 | -14,456 |
| SC | 7 | 6 | | | 1 | | 5.6 | 14 | | | 2 | 7.6 | 5 | | | 1 | 4 | 1 | 186,930 | 279,987 |
| SD | 7.9 | 3 | | | 1 | | 7.4 | 4 | | | 1 | 8.2 | 1 | | | 1 | 3 | 1 | 3,709 | 14,753 |
| TN | 6.7 | 10 | | | 1 | | 5.7 | 13 | | | 2 | 8 | 3 | | | 1 | 6 | 1 | 145,069 | 262,136 |
| TX | 8.7 | 1 | | | 1 | | 8.5 | 3 | | | 1 | 8.1 | 2 | | | 1 | 1 | 1 | -514,595 | 1,525,070 |
| UT | 7.5 | 4 | | | 1 | | 6.9 | 7 | | | 1 | 6.2 | 21 | | | 3 | 10 | 1 | -13,030 | 107,005 |
| VT | 4.5 | 36 | | | 4 | | 3.5 | 41 | | | 5 | 4.6 | 33 | | | 4 | 36 | 4 | -2,120 | 1,140 |
| VA | 6.6 | 15 | | | 2 | | 5.2 | 22 | | | 3 | 6.8 | 12 | | | 2 | 18 | 2 | 63,500 | 264,371 |
| WA | 4.5 | 35 | | | 4 | | 5.6 | 16 | | | 2 | 3.5 | 42 | | | 5 | 32 | 4 | 128,646 | 344,620 |
| WV | 4.7 | 31 | | | 4 | | 4.6 | 29 | | | 3 | 4.6 | 32 | | | 4 | 31 | 4 | 19,229 | 29,216 |
| WI | 3.4 | 43 | | | 5 | | 2.8 | 46 | | | 5 | 3.3 | 43 | | | 5 | 44 | 5 | -45,359 | 39,070 |
| WY | 8.4 | 2 | | | 1 | | 8.7 | 1 | | | 1 | 7.9 | 4 | | | 1 | 2 | 1 | 14,839 | 26,071 |

**State Prosperity Matrix**

**10 BEST STATES**

1. Texas South
2. Wyoming West
3. South Dakota Midwest
4. South Carolina South
5. North Dakota Midwest
6. Tennessee South
7. Louisiana South
8. Arizona West
9. Oklahoma West
10. Utah West

**10 WORST STATES**

50. New York East

49. New Jersey East

48. Michigan Midwest

47. Rhode Island East

46. California West

45. Connecticut East

44. Wisconsin Midwest

43. Ohio Midwest

42. Minnesota Midwest

41. Illinois Midwest

**REGIONAL GROWTH CORRIDORS**

A 2013 study by the Manhattan Institute entitled “America’s Growth Corridors: The Key to National Revival,” has observed that U.S. economic growth is concentrated in four corridors, which are generally consistent with the foregoing indices.

Great Plains

Intermountain West

Third Coast - Texas to Florida

Southeastern Industrial Belt

|  |  |  |  |
| --- | --- | --- | --- |
| **Prosperity Scores for Overall Tax Rates and Union Density (T,U)** | | | |
| State | Score\_Tax\_Union | Rank\_Tax\_Union | Quintile\_Tax\_Union |
| South Dakota | 8.2 | 1 | 1 |
| Texas | 8.1 | 2 | 1 |
| Tennessee | 8.0 | 3 | 1 |
| Wyoming | 7.9 | 4 | 1 |
| South Carolina | 7.6 | 5 | 1 |
| Louisiana | 7.4 | 6 | 1 |
| Mississippi | 7.2 | 7 | 1 |
| Florida | 7.0 | 8 | 1 |
| Georgia | 6.9 | 9 | 1 |
| New Hampshire | 6.9 | 10 | 1 |
| Oklahoma | 6.9 | 11 | 2 |
| Virginia | 6.8 | 12 | 2 |
| North Carolina | 6.8 | 13 | 2 |
| Arizona | 6.8 | 14 | 2 |
| North Dakota | 6.7 | 15 | 2 |
| Colorado | 6.7 | 16 | 2 |
| New Mexico | 6.5 | 17 | 2 |
| Arkansas | 6.5 | 18 | 2 |
| Alabama | 6.4 | 19 | 2 |
| Idaho | 6.3 | 20 | 2 |
| Utah | 6.2 | 21 | 3 |
| Kansas | 6.1 | 22 | 3 |
| Nevada | 5.9 | 23 | 3 |
| Nebraska | 5.6 | 24 | 3 |
| Missouri | 5.6 | 25 | 3 |
| Montana | 5.6 | 26 | 3 |
| Alaska | 5.5 | 27 | 3 |
| Kentucky | 5.5 | 28 | 3 |
| Iowa | 5.5 | 29 | 3 |
| Indiana | 5.4 | 30 | 3 |
| Delaware | 5.3 | 31 | 4 |
| West Virginia | 4.6 | 32 | 4 |
| Vermont | 4.6 | 33 | 4 |
| Maryland | 4.3 | 34 | 4 |
| Maine | 4.3 | 35 | 4 |
| Oregon | 4.0 | 36 | 4 |
| Massachusetts | 4.0 | 37 | 4 |
| Ohio | 3.9 | 38 | 4 |
| Pennsylvania | 3.9 | 39 | 4 |
| Illinois | 3.9 | 40 | 4 |
| Minnesota | 3.5 | 41 | 5 |
| Washington | 3.5 | 42 | 5 |
| Wisconsin | 3.3 | 43 | 5 |
| Michigan | 3.2 | 44 | 5 |
| Rhode Island | 3.1 | 45 | 5 |
| California | 3.0 | 46 | 5 |
| Connecticut | 2.7 | 47 | 5 |
| Hawaii | 2.0 | 48 | 5 |
| New Jersey | 1.7 | 49 | 5 |
| New York | 0.0 | 50 | 5 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Prosperity Scores for Overall Tax Rate and Employment Growth Rate (T,E)** | | | | | | |
| State | | Score\_Tax\_Employ | Rank\_Tax\_Employ | | Quintile\_Tax\_Employ | |
| Wyoming | | 8.7 | 1 | | 1 | |
| Alaska | | 8.6 | 2 | | 1 | |
| Texas | | 8.5 | 3 | | 1 | |
| South Dakota | | 7.4 | 4 | | 1 | |
| Nevada | | 7.3 | 5 | | 1 | |
| North Dakota | | 7.1 | 6 | | 1 | |
| Utah | | 6.9 | 7 | | 1 | |
| Arizona | | 6.2 | 8 | | 1 | |
| Montana | | 6.1 | 9 | | 1 | |
| Colorado | | 6.1 | 10 | | 1 | |
| Oklahoma | | 6.0 | 11 | | 2 | |
| Louisiana | | 5.9 | 12 | | 2 | |
| Tennessee | | 5.7 | 13 | | 2 | |
| South Carolina | | 5.6 | 14 | | 2 | |
| New Hampshire | | 5.6 | 15 | | 2 | |
| Washington | | 5.6 | 16 | | 2 | |
| Florida | | 5.5 | 17 | | 2 | |
| Idaho | | 5.5 | 18 | | 2 | |
| Georgia | | 5.5 | 19 | | 2 | |
| Alabama | | 5.5 | 20 | | 2 | |
| New Mexico | | 5.4 | 21 | | 3 | |
| Virginia | | 5.2 | 22 | | 3 | |
| Mississippi | | 5.0 | 23 | | 3 | |
| North Carolina | | 4.9 | 24 | | 3 | |
| Hawaii | | 4.9 | 25 | | 3 | |
| Iowa | | 4.8 | 26 | | 3 | |
| Delaware | | 4.8 | 27 | | 3 | |
| Oregon | | 4.7 | 28 | | 3 | |
| West Virginia | | 4.6 | 29 | | 3 | |
| Kansas | | 4.5 | 30 | | 3 | |
| Arkansas | | 4.4 | 31 | | 4 | |
| Nebraska | | 4.4 | 32 | | 4 | |
| Missouri | | 4.2 | 33 | | 4 | |
| Maryland | | 4.2 | 34 | | 4 | |
| Kentucky | | 4.1 | 35 | | 4 | |
| Pennsylvania | | 3.9 | 36 | | 4 | |
| Indiana | | 3.8 | 37 | | 4 | |
| Massachusetts | | 3.8 | 38 | | 4 | |
| Illinois | | 3.7 | 39 | | 4 | |
| Minnesota | | 3.5 | 40 | | 4 | |
| Vermont | | 3.5 | 41 | | 5 | |
| California | | 3.0 | 42 | | 5 | |
| Maine | | 2.9 | 43 | | 5 | |
| New York | | 2.9 | 44 | | 5 | |
| Connecticut | | 2.8 | 45 | | 5 | |
| Wisconsin | | 2.8 | 46 | | 5 | |
| New Jersey | | 2.6 | 47 | | 5 | |
| Ohio | | 2.6 | 48 | | 5 | |
| Rhode Island | | 2.4 | 49 | | 5 | |
| Michigan | | 2.0 | 50 | | 5 | |
| **Prosperity Scores for Overall Tax Rate, Employment Growth Rate and Union Density (T,E,U)** | | | | | | | |
| State | Score\_Tax\_Employ\_Union | | | Rank\_Tax\_Employ\_Union | | Quintile\_Tax\_Employ\_Union | |
| Texas | 8.7 | | | 1 | | 1 | |
| Wyoming | 8.4 | | | 2 | | 1 | |
| South Dakota | 7.9 | | | 3 | | 1 | |
| Utah | 7.5 | | | 4 | | 1 | |
| North Dakota | 7.4 | | | 5 | | 1 | |
| South Carolina | 7.0 | | | 6 | | 1 | |
| Arizona | 6.9 | | | 7 | | 1 | |
| Oklahoma | 6.9 | | | 8 | | 1 | |
| Louisiana | 6.8 | | | 9 | | 1 | |
| Tennessee | 6.7 | | | 10 | | 1 | |
| Georgia | 6.7 | | | 11 | | 2 | |
| Colorado | 6.7 | | | 12 | | 2 | |
| North Carolina | 6.6 | | | 13 | | 2 | |
| Florida | 6.6 | | | 14 | | 2 | |
| Virginia | 6.6 | | | 15 | | 2 | |
| Idaho | 6.5 | | | 16 | | 2 | |
| Nevada | 6.4 | | | 17 | | 2 | |
| New Mexico | 6.3 | | | 18 | | 2 | |
| Mississippi | 6.3 | | | 19 | | 2 | |
| Alaska | 6.1 | | | 20 | | 2 | |
| Arkansas | 6.0 | | | 21 | | 3 | |
| New Hampshire | 6.0 | | | 22 | | 3 | |
| Alabama | 6.0 | | | 23 | | 3 | |
| Montana | 5.9 | | | 24 | | 3 | |
| Kansas | 5.7 | | | 25 | | 3 | |
| Nebraska | 5.4 | | | 26 | | 3 | |
| Iowa | 5.3 | | | 27 | | 3 | |
| Delaware | 5.2 | | | 28 | | 3 | |
| Kentucky | 5.1 | | | 29 | | 3 | |
| Missouri | 4.9 | | | 30 | | 3 | |
| West Virginia | 4.7 | | | 31 | | 4 | |
| Maryland | 4.7 | | | 32 | | 4 | |
| Indiana | 4.6 | | | 33 | | 4 | |
| Oregon | 4.5 | | | 34 | | 4 | |
| Washington | 4.5 | | | 35 | | 4 | |
| Vermont | 4.5 | | | 36 | | 4 | |
| Pennsylvania | 4.1 | | | 37 | | 4 | |
| Massachusetts | 4.1 | | | 38 | | 4 | |
| Maine | 3.9 | | | 39 | | 4 | |
| Illinois | 3.7 | | | 40 | | 4 | |
| Minnesota | 3.7 | | | 41 | | 5 | |
| Hawaii | 3.5 | | | 42 | | 5 | |
| Wisconsin | 3.4 | | | 43 | | 5 | |
| Ohio | 3.3 | | | 44 | | 5 | |
| Connecticut | 3.3 | | | 45 | | 5 | |
| California | 3.2 | | | 46 | | 5 | |
| Rhode Island | 2.9 | | | 47 | | 5 | |
| New Jersey | 2.6 | | | 48 | | 5 | |
| Michigan | 2.1 | | | 49 | | 5 | |
| New York | 1.9 | | | 50 | | 5 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Data | | | | | | | | | | | | | | |
| **st** | **netdom \_nh03 \_10** | **netdom \_03\_10** | **netint \_nh \_03\_10** | **netint \_03\_10** | **netmig \_nh\_03 \_10** | **netmig \_03\_10** | **taxrate \_03\_10** | **union \_03\_10** | **Taxrate \_Score** | **Employ \_score** | **Union \_Score** | **Avg \_Score\_3** | **Avg \_Score \_Tax \_Employ** | **Avg \_Tax \_Union** |
| AL | 42497 | 108087 | -22403 | 42491 | 59000 | 123894 | 0.085219 | 9.675 | 5.7333 | 5.1921 | 7.0125 | 5.9793 | 5.4627 | 6.3729 |
| AK | -25122 | -9002 | -12738 | 3781 | -15679 | 840 | 0.057885 | 22.6625 | 10.0000 | 7.1802 | 1.0889 | 6.0897 | 8.5901 | 5.5445 |
| AZ | -4378 | 607201 | -299276 | 305243 | 53457 | 657976 | 0.088001 | 6.9875 | 5.2990 | 7.1951 | 8.2383 | 6.9108 | 6.2470 | 6.7687 |
| AR | 922 | 79214 | -36447 | 38365 | 10281 | 85093 | 0.097553 | 4.95 | 3.8080 | 5.0478 | 9.1676 | 6.0078 | 4.4279 | 6.4878 |
| CA | -3.20E+06 | -1.10E+06 | -931349 | 1.20E+06 | -1.50E+06 | 642047 | 0.106889 | 17.125 | 2.3507 | 3.6453 | 3.6146 | 3.2035 | 2.9980 | 2.9826 |
| CO | -70519 | 174305 | -98539 | 121345 | 39832 | 259716 | 0.086609 | 7.85 | 5.5163 | 6.7252 | 7.8449 | 6.6955 | 6.1208 | 6.6806 |
| CT | -169636 | -89718 | -24762 | 68649 | -72349 | 21062 | 0.114038 | 16.125 | 1.2347 | 4.4468 | 4.0707 | 3.2508 | 2.8408 | 2.6527 |
| DE | 15751 | 40270 | -2714 | 19861 | 21218 | 43793 | 0.092825 | 11.95 | 4.5460 | 4.9893 | 5.9749 | 5.1701 | 4.7676 | 5.2605 |
| FL | -72349 | 1.10E+06 | -178110 | 842523 | 245152 | 1.30E+06 | 0.088917 | 5.8125 | 5.1560 | 5.8933 | 8.7742 | 6.6078 | 5.5246 | 6.9651 |
| GA | 143589 | 471603 | -60277 | 251888 | 302603 | 614768 | 0.091947 | 4.95 | 4.6830 | 6.3072 | 9.1676 | 6.7193 | 5.4951 | 6.9253 |
| HI | -55150 | -18940 | -7774 | 29895 | -21527 | 16142 | 0.099254 | 23.9375 | 3.5425 | 6.3340 | 0.5074 | 3.4613 | 4.9382 | 2.0249 |
| ID | 47222 | 101130 | -18553 | 35293 | 42891 | 96737 | 0.09586 | 6.4125 | 4.0722 | 6.9723 | 8.5006 | 6.5150 | 5.5223 | 6.2864 |
| IL | -757884 | -479858 | -88997 | 255481 | -343353 | 1125 | 0.097334 | 16.5625 | 3.8422 | 3.5301 | 3.8712 | 3.7478 | 3.6861 | 3.8567 |
| IN | -106784 | -3630 | -46940 | 65273 | -51633 | 60580 | 0.091265 | 11.775 | 4.7895 | 2.8850 | 6.0547 | 4.5764 | 3.8372 | 5.4221 |
| IA | -54501 | -12969 | -16496 | 26492 | -21579 | 21409 | 0.092241 | 11.15 | 4.6372 | 4.9305 | 6.3398 | 5.3025 | 4.7838 | 5.4885 |
| KS | -100297 | -43829 | -34520 | 30200 | -50101 | 14619 | 0.095121 | 7.375 | 4.1876 | 4.8731 | 8.0616 | 5.7074 | 4.5304 | 6.1246 |
| KY | 32837 | 82803 | -6368 | 40757 | 52086 | 99211 | 0.096581 | 9.4375 | 3.9597 | 4.2577 | 7.1209 | 5.1127 | 4.1087 | 5.5403 |
| LA | -258254 | -204414 | -41789 | 9672 | -222884 | -171423 | 0.082392 | 5.95 | 6.1745 | 5.5979 | 8.7115 | 6.8280 | 5.8862 | 7.4430 |
| ME | 6258 | 13955 | 1035 | 8660 | 8276 | 15901 | 0.105327 | 11.9875 | 2.5945 | 3.2464 | 5.9578 | 3.9329 | 2.9204 | 4.2761 |
| MD | -250895 | -100962 | -45385 | 107672 | -116645 | 36412 | 0.103165 | 12.7125 | 2.9320 | 5.5277 | 5.6271 | 4.6956 | 4.2298 | 4.2795 |
| MA | -371799 | -248143 | -16752 | 115203 | -136490 | -4535 | 0.101939 | 14.55 | 3.1233 | 4.4859 | 4.7891 | 4.1328 | 3.8046 | 3.9562 |
| MI | -534878 | -503391 | 7357 | 79175 | -359903 | -288085 | 0.096157 | 19.75 | 4.0259 | 0.0000 | 2.4173 | 2.1477 | 2.0129 | 3.2216 |
| MN | -110794 | -47827 | -1188 | 66498 | -27400 | 40286 | 0.102836 | 16.275 | 2.9833 | 4.0624 | 4.0023 | 3.6827 | 3.5228 | 3.4928 |
| MS | -44810 | -21069 | -16704 | 12725 | -33969 | -4540 | 0.086557 | 5.5625 | 5.5244 | 4.4045 | 8.8883 | 6.2724 | 4.9644 | 7.2063 |
| MO | -25353 | 33577 | -16908 | 53827 | 11908 | 82643 | 0.091127 | 11.2 | 4.8110 | 3.6536 | 6.3170 | 4.9272 | 4.2323 | 5.5640 |
| MT | 28899 | 42945 | -2190 | 8278 | 25319 | 35787 | 0.08608 | 12.9875 | 5.5989 | 6.6963 | 5.5017 | 5.9323 | 6.1476 | 5.5503 |
| NE | -64532 | -19929 | -25487 | 20216 | -37744 | 7959 | 0.0985 | 8.5125 | 3.6601 | 5.0757 | 7.5428 | 5.4262 | 4.3679 | 5.6015 |
| NV | 34838 | 272231 | -117383 | 128018 | 51426 | 296827 | 0.076553 | 14.825 | 7.0860 | 7.4144 | 4.6636 | 6.3880 | 7.2502 | 5.8748 |
| NH | -3912 | 7059 | 3031 | 16765 | 3653 | 17387 | 0.077066 | 10.1625 | 7.0059 | 4.1623 | 6.7902 | 5.9861 | 5.5841 | 6.8981 |
| NJ | -592999 | -371570 | -17899 | 248774 | -230247 | 36426 | 0.116921 | 19.2625 | 0.7847 | 4.4891 | 2.6397 | 2.6378 | 2.6369 | 1.7122 |
| NM | -86274 | 44778 | -95336 | 35649 | -60901 | 70084 | 0.089454 | 7.5 | 5.0722 | 5.7817 | 8.0046 | 6.2862 | 5.4270 | 6.5384 |
| NY | -1.50E+06 | -1.30E+06 | 130853 | 454490 | -575927 | -252290 | 0.121948 | 25.05 | 0.0000 | 5.8347 | 0.0000 | 1.9449 | 2.9173 | 0.0000 |
| NC | 266901 | 579280 | -45647 | 233791 | 367926 | 647364 | 0.098624 | 3.125 | 3.6408 | 6.2389 | 10.0000 | 6.6266 | 4.9399 | 6.8204 |
| ND | -14022 | -1508 | -5928 | 989 | -7217 | -300 | 0.088659 | 7.1375 | 5.1963 | 8.9178 | 8.1699 | 7.4280 | 7.0570 | 6.6831 |
| OH | -372881 | -317171 | -49463 | 41445 | -251484 | -160576 | 0.10142 | 14.8 | 3.2043 | 1.9342 | 4.6750 | 3.2712 | 2.5693 | 3.9397 |
| OK | -54645 | 64305 | -71687 | 40068 | -16717 | 95038 | 0.0885 | 6.2625 | 5.2211 | 6.8781 | 8.5690 | 6.8894 | 6.0496 | 6.8950 |
| OR | 26668 | 166988 | -29373 | 98738 | 76748 | 204859 | 0.09734 | 15.75 | 3.8412 | 5.4730 | 4.2417 | 4.5186 | 4.6571 | 4.0415 |
| PA | -213724 | -447 | -110875 | 109648 | -93920 | 126603 | 0.102018 | 14.8 | 3.1110 | 4.6328 | 4.6750 | 4.1396 | 3.8719 | 3.8930 |
| RI | -74914 | -50657 | -18720 | 10626 | -43802 | -14456 | 0.108089 | 16.3625 | 2.1633 | 2.7157 | 3.9624 | 2.9471 | 2.4395 | 3.0629 |
| SC | 177061 | 287305 | -20076 | 72981 | 186930 | 279987 | 0.086192 | 3.775 | 5.5814 | 5.6385 | 9.7035 | 6.9745 | 5.6099 | 7.6425 |
| SD | 232 | 13240 | -5911 | 5133 | 3709 | 14753 | 0.073129 | 5.8375 | 7.6205 | 7.1723 | 8.7628 | 7.8519 | 7.3964 | 8.1916 |
| TN | 127836 | 261570 | -22250 | 94817 | 145069 | 262136 | 0.075912 | 5.7875 | 7.1861 | 4.2372 | 8.7856 | 6.7363 | 5.7116 | 7.9858 |
| TX | -1.20E+06 | 993838 | -1.30E+06 | 748512 | -514595 | 1.50E+06 | 0.076482 | 5.125 | 7.0971 | 9.8996 | 9.0878 | 8.6948 | 8.4983 | 8.0924 |
| UT | -59723 | 59063 | -63402 | 56633 | -13030 | 107005 | 0.098241 | 5.8375 | 3.7006 | 10.0000 | 8.7628 | 7.4878 | 6.8503 | 6.2317 |
| VT | -6805 | -4254 | 519 | 3779 | -2120 | 1140 | 0.103854 | 10.9375 | 2.8244 | 4.1613 | 6.4367 | 4.4741 | 3.4928 | 4.6306 |
| VA | -72979 | 138225 | -34614 | 166257 | 63500 | 264371 | 0.093734 | 4.7625 | 4.4041 | 6.0572 | 9.2531 | 6.5715 | 5.2307 | 6.8286 |
| WA | 9010 | 256524 | -48194 | 167780 | 128646 | 344620 | 0.092332 | 19.975 | 4.6229 | 6.5173 | 2.3147 | 4.4850 | 5.5701 | 3.4688 |
| WV | 19640 | 30960 | -1898 | 8089 | 19229 | 29216 | 0.094798 | 14 | 4.2380 | 4.9327 | 5.0399 | 4.7369 | 4.5854 | 4.6390 |
| WI | -94210 | -17964 | -35502 | 48927 | -45359 | 39070 | 0.108008 | 15.3125 | 2.1760 | 3.4459 | 4.4413 | 3.3544 | 2.8110 | 3.3086 |
| WY | 12981 | 24238 | -8274 | 2958 | 14839 | 26071 | 0.07038 | 8.0125 | 8.0496 | 9.3874 | 7.7708 | 8.4026 | 8.7185 | 7.9102 |
|  |  |  |  |  |  |  | 0.121948 | 25.05 |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 0.057885 | 3.125 |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trans\_Sub\_GDP | | | | | | | | | | |
| 1B-allg Scores | Y2010 | Quintile \_T\_U | Quintile \_T\_E | Quintile \_T\_E\_U |  | num\_state | Average \_Score | Rank | Quintile |  |
| Vermont | 10.7232 | 4 | 5 |  |  | Texas | 8.6948 | 1 | 1 |  |
| North Dakota | 10.2729 | 2 | 1 |  |  | Wyoming | 8.4026 | 2 | 1 |  |
| Montana | 10.0536 | 3 | 1 |  |  | South Dakota | 7.8519 | 3 | 1 |  |
| Mississippi | 9.8152 | 1 | 3 |  |  | Utah | 7.4878 | 4 | 1 |  |
| New Mexico | 9.5771 | 2 | 3 |  |  | North Dakota | 7.4280 | 5 | 1 |  |
| West Virgina | 8.8899 | 4 | 3 |  |  | South Carolina | 6.9745 | 6 | 1 |  |
| Maine | 8.7735 | 4 | 5 |  |  | Arizona | 6.9108 | 7 | 1 |  |
| Arkansas | 8.2516 | 2 | 4 |  |  | Oklahoma | 6.8894 | 8 | 1 |  |
| South Dakota | 8.0498 | 1 | 1 |  |  | Louisiana | 6.8280 | 9 | 1 |  |
| Louisiana | 8.0277 | 1 | 2 |  |  | Tennessee | 6.7363 | 10 | 1 |  |
| Alaska | 7.8244 | 3 | 1 |  |  |  |  |  |  |  |
| Rhode Island | 7.5497 | 5 | 5 |  |  | Georgia | 6.7193 | 11 | 2 |  |
| Kentucky | 7.4365 | 3 | 4 |  |  | Colorado | 6.6955 | 12 | 2 |  |
| Tennessee | 6.8878 | 1 | 2 |  |  | North Carolina | 6.6266 | 13 | 2 |  |
| Missouri | 6.8302 | 3 | 4 |  |  | Florida | 6.6078 | 14 | 2 |  |
| Alabama | 6.7306 | 2 | 2 |  |  | Virginia | 6.5715 | 15 | 2 |  |
| Idaho | 6.7007 | 2 | 2 |  |  | Idaho | 6.5150 | 16 | 2 |  |
| South Carolina | 6.6636 | 1 | 2 |  |  | Nevada | 6.3880 | 17 | 2 |  |
| Massachusetts | 6.6552 | 4 | 4 |  |  | New Mexico | 6.2862 | 18 | 2 |  |
| Michigan | 6.6186 | 5 | 5 |  |  | Mississippi | 6.2724 | 19 | 2 |  |
| Arizona | 6.6090 | 2 | 1 |  |  | Alaska | 6.0897 | 20 | 2 |  |
| Oklahoma | 6.4604 | 2 | 2 |  |  |  |  |  |  |  |
| New York | 6.4252 | 5 | 5 |  |  | Arkansas | 6.0078 | 21 | 3 |  |
| Wyoming | 6.3987 | 1 | 1 |  |  | New Hampshire | 5.9861 | 22 | 3 |  |
| Ohio | 6.3953 | 4 | 5 |  |  | Alabama | 5.9793 | 23 | 3 |  |
| Oregon | 6.0850 | 4 | 3 |  |  | Montana | 5.9323 | 24 | 3 |  |
| Pennsylvania | 6.0421 | 4 | 4 |  |  | Kansas | 5.7074 | 25 | 3 |  |
| Iowa | 5.8692 | 3 | 3 |  |  | Nebraska | 5.4262 | 26 | 3 |  |
| Maryland | 5.8687 | 4 | 4 |  |  | Iowa | 5.3025 | 27 | 3 |  |
| Wisconsin | 5.7001 | 5 | 5 |  |  | Delaware | 5.1701 | 28 | 3 |  |
| North Carolina | 5.6946 | 2 | 3 |  |  | Kentucky | 5.1127 | 29 | 3 |  |
| Indiana | 5.4018 | 3 | 4 |  |  | Missouri | 4.9272 | 30 | 3 |  |
| Washington | 5.3990 | 5 | 2 |  |  |  |  |  |  |  |
| Hawaii | 5.3396 | 5 | 3 |  |  | West Virginia | 4.7369 | 31 | 4 |  |
| Utah | 5.2857 | 3 | 1 |  |  | Maryland | 4.6956 | 32 | 4 |  |
| Georgia | 5.2725 | 1 | 2 |  |  | Indiana | 4.5764 | 33 | 4 |  |
| Nebraska | 5.1623 | 3 | 4 |  |  | Oregon | 4.5186 | 34 | 4 |  |
| California | 5.0306 | 5 | 5 |  |  | Washington | 4.4850 | 35 | 4 |  |
| Minnesota | 4.9233 | 5 | 4 |  |  | Vermont | 4.4741 | 36 | 4 |  |
| Kansas | 4.8565 | 3 | 3 |  |  | Pennsylvania | 4.1396 | 37 | 4 |  |
| Florida | 4.7179 | 1 | 2 |  |  | Massachusetts | 4.1328 | 38 | 4 |  |
| New Hampshire | 4.5591 | 1 | 2 |  |  | Maine | 3.9329 | 39 | 4 |  |
| Illinois | 4.5436 | 4 | 4 |  |  | Illinois | 3.7478 | 40 | 4 |  |
| Texas | 4.4838 | 1 | 1 |  |  |  |  |  |  |  |
| Connecticut | 4.0643 | 5 | 5 |  |  | Minnesota | 3.6827 | 41 | 5 |  |
| Colorado | 4.0165 | 2 | 1 |  |  | Hawaii | 3.4613 | 42 | 5 |  |
| Delaware | 4.0018 | 4 | 3 |  |  | Wisconsin | 3.3544 | 43 | 5 |  |
| New Jersey | 3.8572 | 5 | 5 |  |  | Ohio | 3.2712 | 44 | 5 |  |
| Virginia | 3.6788 | 2 | 3 |  |  | Connecticut | 3.2508 | 45 | 5 |  |
| Nevada | 3.5223 | 3 | 1 |  |  | California | 3.2035 | 46 | 5 |  |
|  |  |  |  |  |  | Rhode Island | 2.9471 | 47 | 5 |  |
|  |  |  |  |  |  | New Jersey | 2.6378 | 48 | 5 |  |
|  |  |  |  |  |  | Michigan | 2.1477 | 49 | 5 |  |
|  |  |  |  |  |  | New York | 1.9449 | 50 | 5 |  |

|  |  |  |
| --- | --- | --- |
| num\_state | employgrowth\_03\_10 | Employ\_score |
| Alabama | 4.75115 | 5.192115151 |
| Alaska | 9.36789 | 7.180225435 |
| Arizona | 9.40239 | 7.195082197 |
| Arkansas | 4.41608 | 5.0478237 |
| California | 1.15929 | 3.645349726 |
| Colorado | 8.31128 | 6.725216661 |
| Connecticut | 3.02048 | 4.446835402 |
| Delaware | 4.28008 | 4.989257916 |
| Florida | 6.37937 | 5.893276777 |
| Georgia | 7.34064 | 6.307229214 |
| Hawaii | 7.40289 | 6.334035979 |
| Idaho | 8.88497 | 6.972265225 |
| Illinois | 0.891546 | 3.530050922 |
| Indiana | -0.606484 | 2.884953115 |
| Iowa | 4.14369 | 4.930524185 |
| Kansas | 4.01035 | 4.873103879 |
| Kentucky | 2.58116 | 4.257650694 |
| Louisiana | 5.69355 | 5.597941585 |
| Maine | 0.232854 | 3.246397881 |
| Maryland | 5.53051 | 5.527731545 |
| Massachusetts | 3.11115 | 4.485880694 |
| Michigan | -7.30585 | 0 |
| Minnesota | 2.12771 | 4.062381173 |
| Mississippi | 2.92211 | 4.404474254 |
| Missouri | 1.17846 | 3.653604918 |
| Montana | 8.24411 | 6.696291193 |
| Nebraska | 4.48083 | 5.075707042 |
| Nevada | 9.91175 | 7.414428284 |
| New Hampshire | 2.35969 | 4.162278898 |
| New Jersey | 3.1186 | 4.489088893 |
| New Mexico | 6.12037 | 5.781743409 |
| New York | 6.24331 | 5.834685155 |
| North Carolina | 7.18203 | 6.238926868 |
| North Dakota | 13.4028 | 8.917781821 |
| Ohio | -2.81428 | 1.934208232 |
| Oklahoma | 8.66623 | 6.878069052 |
| Oregon | 5.40335 | 5.472972537 |
| Pennsylvania | 3.45237 | 4.632820524 |
| Rhode Island | -0.999591 | 2.715669146 |
| South Carolina | 5.78767 | 5.638472553 |
| South Dakota | 9.34939 | 7.172258766 |
| Tennessee | 2.53366 | 4.237195732 |
| Texas | 15.6827 | 9.899576905 |
| Utah | 15.9159 | 10 |
| Vermont | 2.35736 | 4.161275528 |
| Virginia | 6.76008 | 6.057222216 |
| Washington | 7.82842 | 6.517282289 |
| West Virginia | 4.14871 | 4.932685952 |
| Wisconsin | 0.696173 | 3.445917297 |
| Wyoming | 14.4933 | 9.387384672 |
|  | 15.9159 |  |
|  | -7.30585 |  |

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