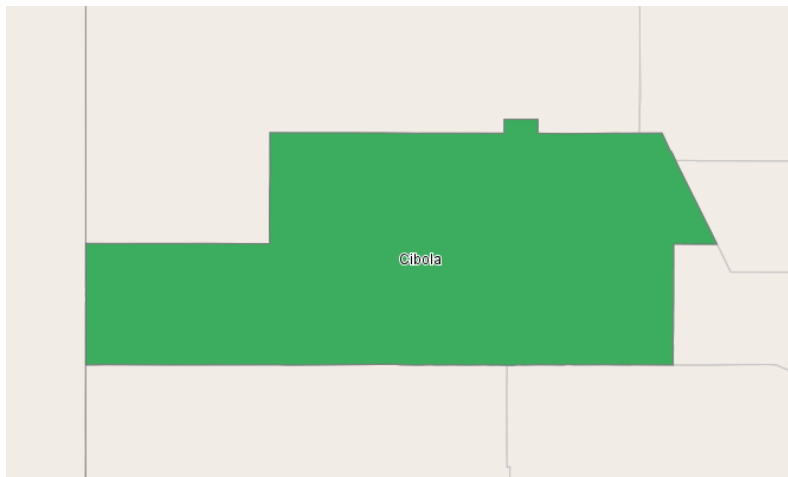


Purdue University

Rank Clusters Report

Cibola, NM

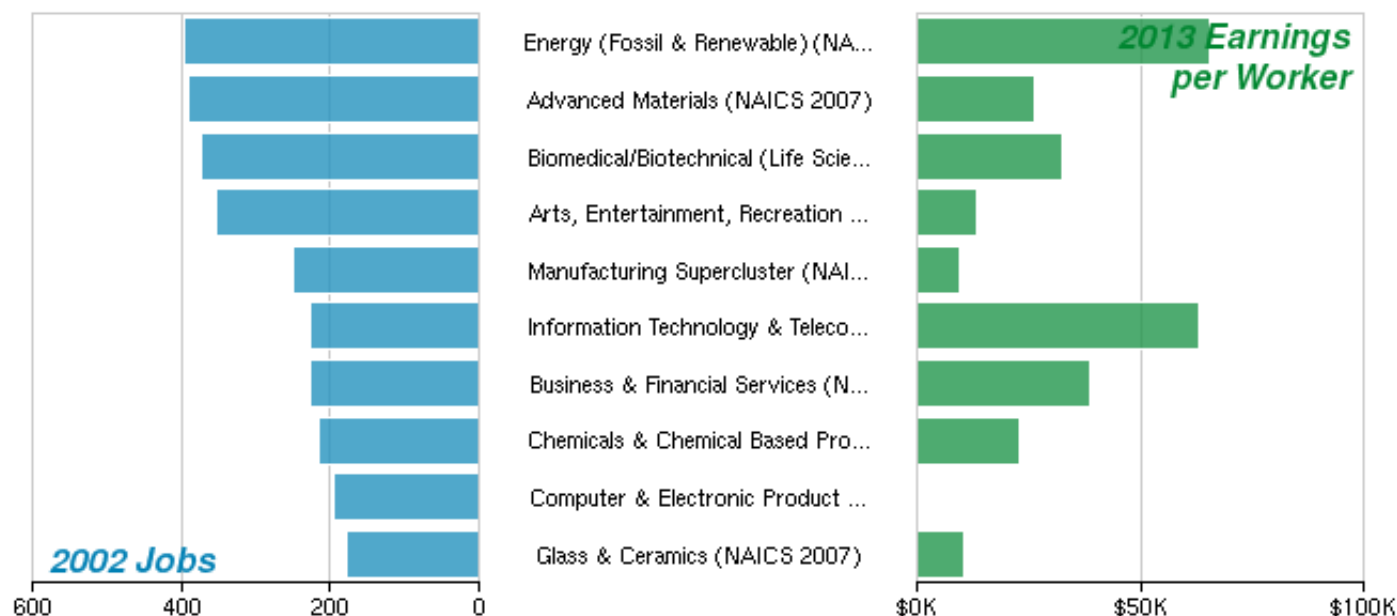


Region Info - Cibola, NM

Cibola County in New Mexico

| | |
|--------------|--------------------|
| County Areas | Cibola, NM (35006) |
|--------------|--------------------|

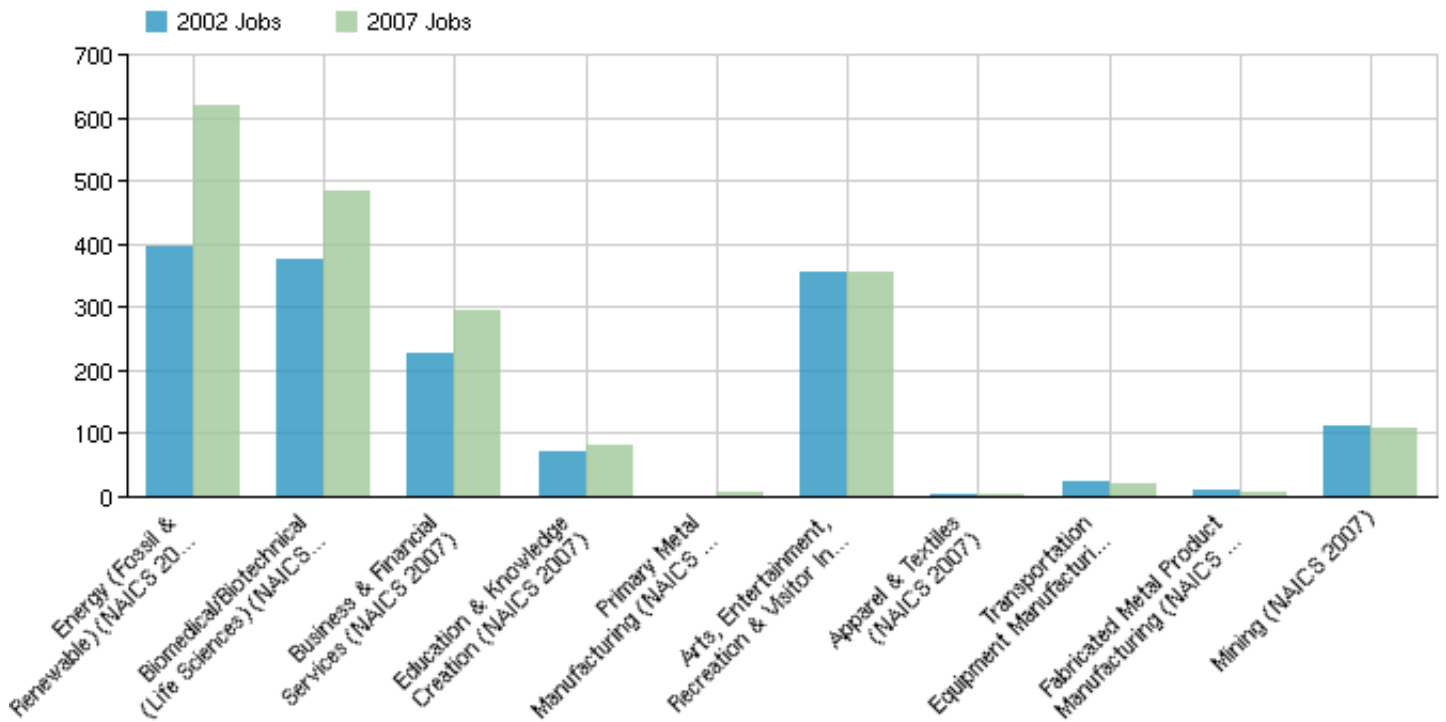
Ranked By: 2002 Jobs



| Cluster Name | 2002 Jobs | 2013 EPW |
|---|-----------|----------|
| Energy (Fossil & Renewable) (NAICS 2007) | 395 | \$65,721 |
| Advanced Materials (NAICS 2007) | 391 | \$26,374 |
| Biomedical/Biotechnical (Life Sciences) (NAICS 2007) | 374 | \$32,452 |
| Arts, Entertainment, Recreation & Visitor Industries (NAICS 2007) | 354 | \$13,247 |
| Manufacturing Supercluster (NAICS 2007) | 248 | \$9,765 |
| Information Technology & Telecommunications (NAICS 2007) | 226 | \$63,241 |
| Business & Financial Services (NAICS 2007) | 225 | \$38,747 |
| Chemicals & Chemical Based Products (NAICS 2007) | 215 | \$22,981 |
| Computer & Electronic Product Manufacturing (NAICS 2007) | 195 | \$0 |
| Glass & Ceramics (NAICS 2007) | 177 | \$10,704 |
| Forest & Wood Products (NAICS 2007) | 146 | \$60,831 |
| Transportation & Logistics (NAICS 2007) | 139 | \$55,911 |
| Mining (NAICS 2007) | 113 | \$52,789 |
| Education & Knowledge Creation (NAICS 2007) | 70 | \$14,479 |
| Defense & Security (NAICS 2007) | 62 | \$46,917 |
| Printing & Publishing (NAICS 2007) | 46 | \$41,065 |
| Agribusiness, Food Processing & Technology (NAICS 2007) | 38 | \$18,894 |
| Transportation Equipment Manufacturing (NAICS 2007) | 23 | \$56,778 |
| Machinery Manufacturing (NAICS 2007) | 19 | \$0 |
| Fabricated Metal Product Manufacturing (NAICS 2007) | 11 | \$14,509 |
| Apparel & Textiles (NAICS 2007) | <10 | -- |
| Primary Metal Manufacturing (NAICS 2007) | <10 | -- |

Source: EMSI Complete Employment - 2013.2

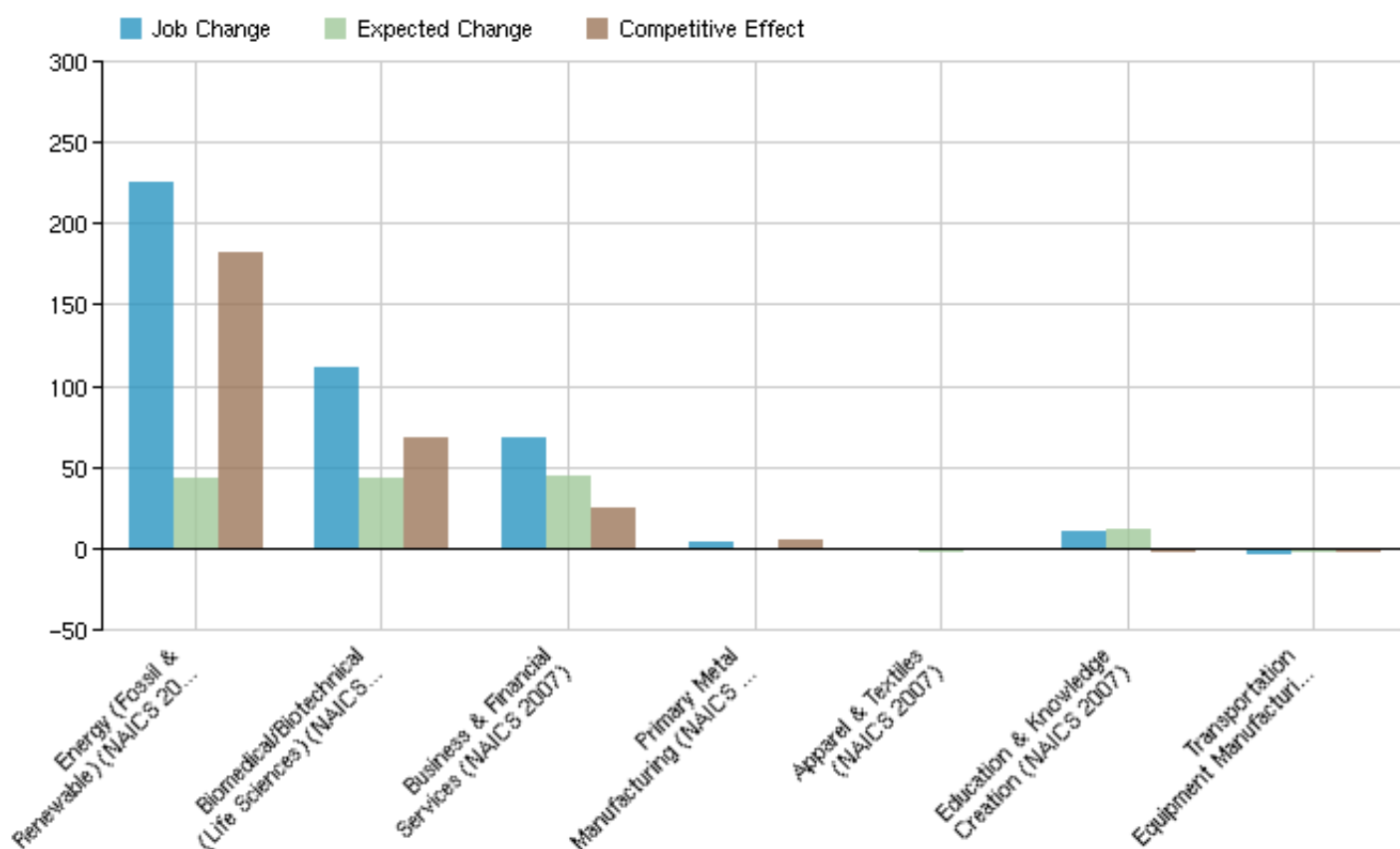
Ranked By: 2002-2007 Growth



| Cluster Name | 2002 Jobs | 2007 Jobs | Change | % Change |
|---|-----------|-----------|--------|----------|
| Energy (Fossil & Renewable) (NAICS 2007) | 395 | 620 | 225 | 57% |
| Biomedical/Biotechnical (Life Sciences) (NAICS 2007) | 374 | 485 | 111 | 30% |
| Business & Financial Services (NAICS 2007) | 225 | 294 | 69 | 31% |
| Education & Knowledge Creation (NAICS 2007) | 70 | 81 | 11 | 16% |
| Primary Metal Manufacturing (NAICS 2007) | <10 | <10 | -- | -- |
| Arts, Entertainment, Recreation & Visitor Industries (NAICS 2007) | 354 | 356 | 2 | 1% |
| Apparel & Textiles (NAICS 2007) | <10 | <10 | -- | -- |
| Transportation Equipment Manufacturing (NAICS 2007) | 23 | 20 | -3 | -13% |
| Fabricated Metal Product Manufacturing (NAICS 2007) | 11 | <10 | -- | -- |
| Mining (NAICS 2007) | 113 | 109 | -4 | -4% |
| Printing & Publishing (NAICS 2007) | 46 | 41 | -5 | -11% |
| Machinery Manufacturing (NAICS 2007) | 19 | <10 | -- | -- |
| Agribusiness, Food Processing & Technology (NAICS 2007) | 38 | 20 | -18 | -47% |
| Transportation & Logistics (NAICS 2007) | 139 | 115 | -24 | -17% |
| Defense & Security (NAICS 2007) | 62 | 27 | -35 | -56% |
| Forest & Wood Products (NAICS 2007) | 146 | 74 | -72 | -49% |
| Information Technology & Telecommunications (NAICS 2007) | 226 | 129 | -97 | -43% |
| Computer & Electronic Product Manufacturing (NAICS 2007) | 195 | 73 | -122 | -63% |
| Glass & Ceramics (NAICS 2007) | 177 | 40 | -137 | -77% |
| Manufacturing Supercluster (NAICS 2007) | 248 | 110 | -138 | -56% |
| Chemicals & Chemical Based Products (NAICS 2007) | 215 | 64 | -151 | -70% |
| Advanced Materials (NAICS 2007) | 391 | 123 | -268 | -69% |

Source: EMSI Complete Employment - 2013.2

Ranked By: Regional Competitiveness (Shift Share)

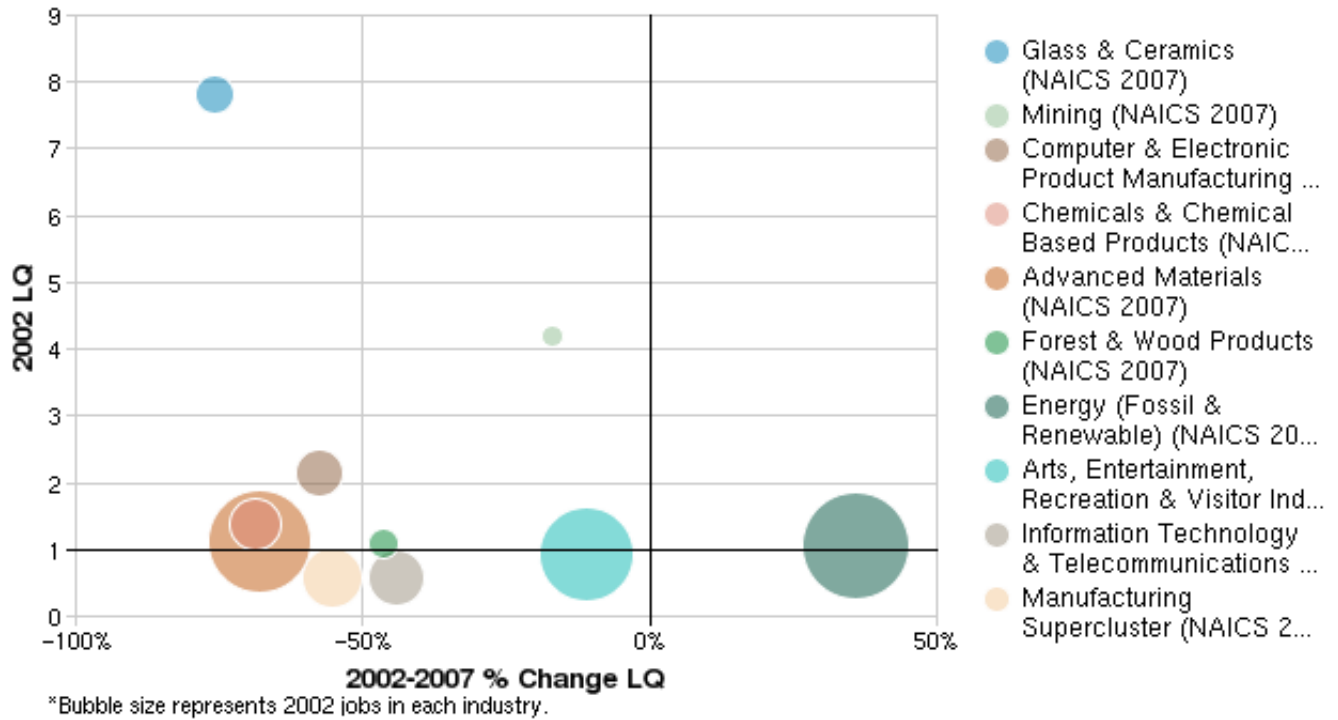


| Cluster Name | Job Change | Ind Mix Effect | Nat Growth Effect | Expected Change | Competitive Effect |
|---|------------|----------------|-------------------|-----------------|--------------------|
| Energy (Fossil & Renewable) (NAICS 2007) | 225 | 7 | 36 | 43 | 182 |
| Biomedical/Biotechnical (Life Sciences) (NAICS 2007) | 111 | 9 | 34 | 43 | 68 |
| Business & Financial Services (NAICS 2007) | 68 | 24 | 21 | 45 | 24 |
| Primary Metal Manufacturing (NAICS 2007) | 4 | 0 | 0 | 0 | 4 |
| Apparel & Textiles (NAICS 2007) | -1 | -1 | 0 | -1 | 0 |
| Education & Knowledge Creation (NAICS 2007) | 10 | 5 | 6 | 11 | -1 |
| Transportation Equipment Manufacturing (NAICS 2007) | -3 | -3 | 2 | -1 | -2 |
| Fabricated Metal Product Manufacturing (NAICS 2007) | -3 | -1 | 1 | 0 | -3 |
| Printing & Publishing (NAICS 2007) | -5 | -1 | 4 | 3 | -8 |
| Machinery Manufacturing (NAICS 2007) | -15 | -2 | 2 | 0 | -14 |
| Mining (NAICS 2007) | -4 | 3 | 10 | 13 | -17 |
| Agribusiness, Food Processing & Technology (NAICS 2007) | -18 | -4 | 3 | -1 | -18 |
| Arts, Entertainment, Recreation & Visitor Industries (NAICS 2007) | 2 | -2 | 32 | 30 | -29 |
| Transportation & Logistics (NAICS 2007) | -23 | 4 | 13 | 17 | -40 |
| Defense & Security (NAICS 2007) | -35 | 1 | 6 | 7 | -42 |
| Forest & Wood Products (NAICS 2007) | -72 | -27 | 13 | -14 | -59 |
| Information Technology & Telecommunications (NAICS 2007) | -96 | -25 | 21 | -4 | -92 |
| Computer & Electronic Product Manufacturing (NAICS 2007) | -122 | -47 | 18 | -29 | -93 |
| Glass & Ceramics (NAICS 2007) | -138 | -35 | 16 | -19 | -119 |
| Manufacturing Supercluster (NAICS 2007) | -138 | -39 | 23 | -16 | -122 |
| Chemicals & Chemical Based Products (NAICS 2007) | -151 | -35 | 20 | -15 | -136 |

| Cluster Name | Job Change | Ind Mix Effect | Nat Growth Effect | Expected Change | Competitive Effect |
|---------------------------------|------------|----------------|-------------------|-----------------|--------------------|
| Advanced Materials (NAICS 2007) | -268 | -53 | 36 | -17 | -250 |

Source: EMSI Complete Employment - 2013.2

Ranked By: 2002 Location Quotient



| Cluster Name | 2002 Jobs | 2002 LQ | 2007 LQ | Percent Change LQ |
|---|-----------|---------|---------|-------------------|
| Glass & Ceramics (NAICS 2007) | 177 | 7.82 | 1.88 | -76% |
| Mining (NAICS 2007) | 113 | 4.20 | 3.48 | -17% |
| Computer & Electronic Product Manufacturing (NAICS 2007) | 195 | 2.15 | 0.91 | -58% |
| Chemicals & Chemical Based Products (NAICS 2007) | 215 | 1.38 | 0.43 | -69% |
| Advanced Materials (NAICS 2007) | 391 | 1.13 | 0.36 | -68% |
| Forest & Wood Products (NAICS 2007) | 146 | 1.08 | 0.58 | -46% |
| Energy (Fossil & Renewable) (NAICS 2007) | 395 | 1.06 | 1.44 | 36% |
| Arts, Entertainment, Recreation & Visitor Industries (NAICS 2007) | 354 | 0.92 | 0.82 | -11% |
| Information Technology & Telecommunications (NAICS 2007) | 226 | 0.59 | 0.33 | -44% |
| Manufacturing Supercluster (NAICS 2007) | 248 | 0.58 | 0.26 | -55% |
| Biomedical/Biotechnical (Life Sciences) (NAICS 2007) | 374 | 0.55 | 0.61 | 11% |
| Transportation & Logistics (NAICS 2007) | 139 | 0.47 | 0.33 | -30% |
| Education & Knowledge Creation (NAICS 2007) | 70 | 0.37 | 0.35 | -5% |
| Machinery Manufacturing (NAICS 2007) | 19 | 0.25 | 0.05 | -80% |
| Printing & Publishing (NAICS 2007) | 46 | 0.24 | 0.20 | -17% |
| Agribusiness, Food Processing & Technology (NAICS 2007) | 38 | 0.24 | 0.12 | -50% |
| Defense & Security (NAICS 2007) | 62 | 0.23 | 0.08 | -65% |
| Business & Financial Services (NAICS 2007) | 225 | 0.22 | 0.23 | 5% |
| Transportation Equipment Manufacturing (NAICS 2007) | 23 | 0.21 | 0.18 | -14% |
| Fabricated Metal Product Manufacturing (NAICS 2007) | 11 | 0.12 | 0.08 | -33% |
| Primary Metal Manufacturing (NAICS 2007) | <10 | -- | 0.19 | -- |
| Apparel & Textiles (NAICS 2007) | <10 | -- | 0.02 | -- |

| Cluster Name | 2002 Jobs | 2002 LQ | 2007 LQ | Percent Change LQ |
|--------------|-----------|---------|---------|-------------------|
|--------------|-----------|---------|---------|-------------------|

Source: EMSI Complete Employment - 2013.2

Data Sources and Calculations

Industry Data

In order to capture a complete picture of industry employment, EMSI basically combines covered employment data from Quarterly Census of Employment and Wages (QCEW) produced by the Department of Labor with total employment data in Regional Economic Information System (REIS) published by the Bureau of Economic Analysis (BEA), augmented with County Business Patterns (CBP) and Nonemployer Statistics (NES) published by the U.S. Census Bureau. Projections are based on the latest available EMSI industry data, 15-year past local trends in each industry, growth rates in statewide and (where available) sub-state area industry projections published by individual state agencies, and (in part) growth rates in national projections from the Bureau of Labor Statistics.

Shift Share

Shift share is a standard regional analysis method that attempts to determine how much of regional job growth can be attributed to national trends and how much is due to unique regional factors.

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.