



**REMI  
PI<sup>+</sup> v1.6R**  
(changes from PI<sup>+</sup> v1.6)

## *Major Economic Data Sources*

### Employment

County	BEA LAPI (sector industries; 2001-2012) <sup>1</sup>
	BLS QCEW (summary industries; 1990-2012) <sup>2</sup>
	CBP (detail industries; 2011)
State	BEA SPI (summary industries; 1990-2012) <sup>3</sup>
	BLS QCEW (summary industries; 1990-2012)
	CBP (detail industries; 2011)
National	BEA SPI (summary industries; 1990-2012) <sup>3</sup>
	BLS QCEW (summary industries; 1990-2012)
	CBP (detail industries; 2011)
	BLS EP (detail industries; 1993-2012 and 2022) <sup>4</sup>

### Wages

County	BEA LAPI (total; 2001-2012)
	BLS QCEW (summary industries; 1990-2012)
	CBP (detail industries; 2011)
State	BEA SPI (summary industries; 1990-2012)
	BLS QCEW (summary industries; 1990-2012)
	CBP (detail industries; 2011)
National	BEA SPI (summary industries; 1990-2012)
	BLS QCEW (summary industries; 1990-2012)
	CBP (detail industries; 2011)

### Personal Income and Earnings

County	BEA LAPI (components and summary industries; 2001-2012)
State	BEA SPI (components and summary industries; 1990-2012)
National	BEA SPI (components and summary industries; 1990-2012)

<sup>1</sup> The BEA Local Area Personal Income (LAPI) series used for PI<sup>+</sup> v1.6R is based on their 05/05/2014 release. The estimates for 2001-2006 are based on the 2002 North American Industry Classification System (NAICS). The estimates for 2007-2010 are based on the 2007 NAICS. The estimates for 2011 forward are based on the 2012 NAICS. Estimates for 2001 forward reflect the results of the comprehensive revision to the national income and product accounts (NIPAs) released in July 2013.

<sup>2</sup> Initial estimates of county-level 70 sector employment and wage data for the states of Michigan and Nevada were provided by the University of Michigan.

<sup>3</sup> The BEA State Personal Income (SPI) series used for PI<sup>+</sup> v1.6R is based on their 03/25/2014 release. The estimates for 1990-2006 are based on the 2002 North American Industry Classification System (NAICS). The estimates for 2007-2010 are based on the 2007 NAICS. The estimates for 2011 forward are based on the 2012 NAICS. Estimates for 2001 forward reflect the results of the comprehensive revision to the national income and product accounts (NIPAs) released in July 2013. This will create a temporary break in BEA's time series for earlier years.

<sup>4</sup> The BLS Employment Projections (EP) data used for PI<sup>+</sup> v1.6R is based on their 12/19/2013 release.

BLS EP (components; 1993-2012 and 2022)  
RSQE (components; 2013-2016)<sup>5</sup>

### **Compensation**

County	BEA LAPI (components and summary industries; 2001-2012)
State	BEA SPI (components and summary industries; 1990-2012)
National	BEA SPI (components and summary industries; 1990-2012)

### **Commuter Flows**

County to County	BEA (gross flow of earnings by county; 1990-2012) BEA (total number of workers commuting between counties of residence and counties of work; 1990, 2000) BEA (commuting patterns between counties of work and counties of residence by major industry; 2000)
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### **Technology Matrix**

National	BLS (detail sectors; 1993-2012 and 2022)
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### **Final Demand**

National	BEA (components; 1990-2012) RSQE (components; 2013-2016) <sup>5</sup> BLS EP (components and industry value added; 1993-2012, 2022)
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### **Occupation Matrix**

National	BLS EP (employment by industry and occupation; 2012 and 2022)
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## ***Major Demographic Data Sources***

### **Population**

County	BEA (total; 1990-2012)
County	Census (age, sex, race; 1990-2012)

### **Demographic Components of Change**

County	Census (1990-2012)
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### **Labor Force**

County	BLS (total; 1990-2012)
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### **Natality Rates**

Nation	Census (1999-2100)
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### **Birth Rates**

State	CDC (1990-2010)
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<sup>5</sup> The 14 May 2014 forecast from RSQE is used for PI+ v1.6R.

### **Survival Rates**

Nation Census (1999-2100)

### **Net International Migrants**

Nation Census (1999-2100)

### **Participation Rates**

Nation BLS (1990-2050)

### **Active Military**

Base DoD (total; 1994-2009)

Nation DoD (total, sex, race; 1990-2012)

### **Military Dependents**

Nation DoD (total; 1990-2005)

### **Prisoners**

County Census (sex,race,facility; 1990; 2000; 2010)  
Bureau of Justice Statistics (50 largest jail jurisdictions mapped to counties; 1990-2012)  
Bureau of Prisons (facilities mapped to counties; 2005-2012)  
Various state-specific correctional websites



### **Modified Data Suppression System to Handle Restoration of Previously Eliminated Local Area Personal Income Statistics**

In early May the Bureau of Economic Analysis (BEA) restored a portion of the statistical detail to its Local Area Personal Income (LAPI) program that had been eliminated due to sequestration and reduced funding levels in FY 2013. The restored series for 2001-2012 includes (1) local area employment statistics; (2) local area industry detail for compensation and earnings for 108 industries, and (3) partially restored detail on personal current transfer receipts.

REMI has reestimated the complete state and county historical series (1990-2012) based on the additional data provided by the BEA.

County level transfer payment components were restored, but detail is not limited to 22 categories, and the historical period available is 2001-2012.