



Major Economic Data Sources

Employment

County	BEA REIS (sector industries; 2001-2007) ¹ BLS QCEW (summary industries; 1990-2007) ² CBP (detail industries; 2006)
State	BEA SPI (summary industries; 1990-2007) ³ BLS QCEW (summary industries; 1990-2007) CBP (detail industries; 2006)
National	BEA SPI (summary industries; 1990-2007) ³ BLS QCEW (summary industries; 1990-2007) CBP (detail industries; 2006) BLS EP (detail industries; 1998-2006 and 2016) ⁴

Wages

County	BEA REIS (total; 2001-2007) BLS QCEW (summary industries; 1990-2007) CBP (detail industries; 2006)
State	BEA SPI (summary industries; 2001-2007) BLS QCEW (summary industries; 1990-2007) CBP (detail industries; 2006)
National	BEA SPI (summary industries; 2001-2007) BLS QCEW (summary industries; 1990-2007) CBP (detail industries; 2006)

Personal Income and Earnings

County	BEA REIS (components and summary industries; 2001-2007)
State	BEA SPI (components and summary industries; 1990-2007)
National	BEA SPI (components and summary industries; 1990-2007) BLS EP (components; 1998-2006 and 2016)

Compensation

County	BEA REIS (components and summary industries; 2001-2007)
State	BEA SPI (components and summary industries; 2001-2007)
National	BEA SPI (components and summary industries; 2001-2007)

¹ The county BEA REIS data used for PI+ v1.1 is based on their 04/23/2009 release.

² Initial estimates of county-level 70 sector employment and wage data for the state of Michigan were provided by the University of Michigan.

³ The state and national BEA SPI data used for PI+ v1.1 is based on their 03/24/2009 release.

⁴ The national BLS EP data used for PI+ v1.1 is based on their 12/04/2007 release.

Commuter Flows

County to County Census (employees and wages; 2000)
BEA (income; 2007)

Technology Matrix

National BLS (detail sectors; 1998-2006 and 2016)

Final Demand

National BEA (components; 1990-2007)
RSQE (components; 2008-2010)⁵
BLS EP (components and industry value added; 1998-2006, 2016)

Occupation Matrix

National BLS EP(employment by industry and occupation; 2006 and 2016)

Major Demographic Data Sources**Population**

County BEA (total; 1990-2007)
County Census(age, sex, race; 1990-2007)

Demographic Components of Change

County Census (1990-2007)

Labor Force

County BLS (total; 1990-2007)

Natality Rates

Nation Census(1999-2100)

Birth Rates

State CDC (1990-2006)

Survival Rates

Nation Census(1999-2100)

Net International Migrants

Nation Census(1999-2100)

Participation Rates

Nation BLS (1990-2050)

⁵ The 19 June 2009 forecast from RSQE is used for PI⁺ v1.1.

Active Military

Base	DoD (total; 1994-2007)
Nation	DoD (total, sex, race; 1990-2007)

Military Dependents

Nation	DoD (total; 1990-2005)
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Prisoners

County	Census (sex, race, facility; 2000)
Nation	Bureau of Justice Statistics (facility; 1990-2007)



Updated NAICS

The industry estimates for 1990-2006 are based on the 2002 North American Industry Classification System (NAICS). The estimates for 2007-2050 are based on the 2007 NAICS. The most obvious shifts can be seen within the Information industry (between Telecommunications and Internet and other information services). Since there is no information to date available to estimate a 2007 NAICS series prior to 2007, no attempt has been made. Also, since the BLS forecast (Employment Projections data) predates the shift in the NAICS codes, the IO table and long-term forecast are based on the 2002 classification applied to the 2007 levels.

Custom Tables

The format for custom tables has been modified. Existing custom tables will be automatically converted to the new format when they are opened by the Custom Table Editor. The table can then be saved in the new format.

Enhanced PV Spreader

The baseline data used to spread values across policy variables can be viewed in the spreader either as levels or weights. 'Consumption' has been added to the list of output categories available to use for spreading.

Scenario Creator

'Edit Custom Scenario' (available under 'More Scenarios' on the 'Insert' ribbon) has been added to allow users to customize their own scenarios by creating their own policy variable groupings. The details that are displayed for each policy variable category are also customizable and hints can be added for each policy variable.

Descriptions Added for Results Variables

Glossary descriptions have been added for all of the results variables. Click on a specific category within the display grid to update the text box with the applicable description.

Favorites Lists

‘Favorites’ are shortcuts for selecting a group of items from a list. Favorite lists for industries, commodities, occupations, and regions can be created for easy selection of policy variables. The Favorites button above the Detail and Region selection boxes can be used to choose a Favorite or to open the Favorites Editor.

New Compensation, Wage, and Earnings Rate Equations

The estimates of compensation rate elasticities have been updated from the previous set of estimates, last done in 2001. Also, the current research was expanded to include separate estimates of wage rate and earnings rate elasticities. See the document “New Estimates of Compensation Rate Elasticities for U.S. Models” for detailed information.

New Results

‘Average Annual Wage Rate’ (Wage and Salary Disbursements / Employment) and ‘Average Annual Earnings Rate’ (Earnings by Place of Work / Employment) have been added to the results. ‘Personal Consumption Expenditures’ (Fixed Dollars) and ‘Consumption Commodity Prices’ aggregated to 13 commodity categories have been added to the existing 79 categories.