



**REMI
PI⁺ v1.4**
(changes from PI⁺ v1.3)

Major Economic Data Sources

Employment

County	BEA REIS (sector industries; 2001-2010) ¹
	BLS QCEW (summary industries; 1990-2010) ²
	CBP (detail industries; 2009)
State	BEA SPI (summary industries; 1990-2010) ³
	BLS QCEW (summary industries; 1990-2010)
	CBP (detail industries; 2009)
National	BEA SPI (summary industries; 1990-2010) ³
	BLS QCEW (summary industries; 1990-2010)
	CBP (detail industries; 2009)
	BLS EP (detail industries; 1993-2010 and 2020) ⁴

Wages

County	BEA REIS (total; 2001-2010)
	BLS QCEW (summary industries; 1990-2010)
	CBP (detail industries; 2009)
State	BEA SPI (summary industries; 1990-2010)
	BLS QCEW (summary industries; 1990-2010)
	CBP (detail industries; 2009)
National	BEA SPI (summary industries; 1990-2010)
	BLS QCEW (summary industries; 1990-2010)
	CBP (detail industries; 2009)

Personal Income and Earnings

County	BEA REIS (components and summary industries; 2001-2010)
State	BEA SPI (components and summary industries; 1990-2010)
National	BEA SPI (components and summary industries; 1990-2010)
	BLS EP (components; 1993-2010 and 2020)
	RSQE (components; 2011-2013) ⁵

Compensation

County	BEA REIS (components and summary industries; 2001-2010)
State	BEA SPI (components and summary industries; 1990-2010)

¹ The county BEA REIS data used for PI⁺ v1.4 is based on their 04/25/2012 release.

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

³ The state and national BEA SPI data used for PI⁺ v1.4 is based on their 03/28/2012 release.

⁴ The national BLS EP data used for PI⁺ v1.4 is based on their 02/01/2012 release.

⁵ The 18 June 2012 forecast from RSQE is used for PI⁺ v1.4.

National	BEA SPI (components and summary industries; 1990-2010)
<u>Commuter Flows</u>	
County to County	BEA (gross flow of earnings by county; 1990-2010) 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)
<u>Technology Matrix</u>	
National	BLS (detail sectors; 1993-2010 and 2020)
<u>Final Demand</u>	
National	BEA (components; 1990-2010) RSQE (components; 2011-2013) ⁵ BLS EP (components and industry value added; 1993-2010, 2020)
<u>Occupation Matrix</u>	
National	BLS EP(employment by industry and occupation; 2010 and 2020)

Major Demographic Data Sources

Population

County	BEA (total; 1990-2010)
County	Census (age, sex, race; 1990-2010)

Demographic Components of Change

County	Census (1990-2010)
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Labor Force

County	BLS (total; 1990-2010)
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Natality Rates

Nation	Census (1999-2100)
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Birth Rates

State	CDC (1990-2009)
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Survival Rates

Nation	Census (1999-2100)
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Net International Migrants

Nation	Census (1999-2100)
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Participation Rates

Nation	BLS (1990-2050)
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Active Military

Base	DoD (total; 1994-2010)
Nation	DoD (total, sex, race; 1990-2010)

Military Dependents

Nation	DoD (total; 1990-2005)
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Prisoners

County	Census (sex,race,facility; 2000; 2010)
Nation	Bureau of Justice Statistics (facility; 1990-2010)



New Industry Definitions

The BLS redefined the detailed industries reported in the input-output data for their 1993 through 2010 historical and projected 2020 tables (Employment Outlook: 2010-2020 developed by the Office of Occupational Statistics and Employment Projections, reported in the January 2012 *Monthly Labor Review*). These data are based on the 2007 North American Industrial Classification System (NAICS) and the U.S. Department of Commerce's Bureau of Economic Analysis (BEA) 1997 and 2002 benchmark input-output tables and the BEA Annual input-output tables for 1998-2009 as published as part of the July 31, 2009 Comprehensive revisions.

Due to the change in the BLS industry sectoring plan, REMI has revised the industry definition for its 70 sector level models, and has consolidated its 169 sector models into 160 sectors. See the documents titled *Comparison of Summary Industries v1.4*, *Comparison of Detailed Industries v1.4*, and *NAICS Industries for PI+ - Hierarchical v1.4* for a list of changes.

New Consumption Category Definitions

As with the industries, the BLS also redefined the detailed final demand categories reported in the input-output data for their 1993 through 2010 historical and projected 2020 tables. REMI has consolidated and reordered the detailed consumption categories from 79 to 75. See the document *Comparison of Detailed Consumption Categories v1.4* for a list of changes.

Integration of BizDev

The BizDev Blueprint has been fully integrated into the PI+ interface, providing easier navigation and application of this feature. BizDev projects are now editable and allow multiple construction types within one project. All entries essential to a project are now specified in one screen, and incorporation of the Custom Industry blueprint is streamlined.