

REMI Policy Insight v9.5 (changes since v9.0)

Major Economic Data Sources

Employment

County	BEA REIS (sector industries; 2001-2005) ¹ BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004)
State	BEA SPI (summary industries; 1990-2005) ² BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004)
National	BEA SPI (summary industries; 1990-2005) ² BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004) BLS EP (detail industries; 2001-2004 and 2014) ³

Wages

County	BEA REIS (total; 2001-2005) BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004)
State	BEA SPI (summary industries; 2001-2005) BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004)
National	BEA SPI (summary industries; 2001-2005) BLS QCEW (summary industries; 1990-2005) CBP (detail industries; 2004)

Personal Income and Earnings

County	BEA REIS (components and sector industries; 2001-2005)
State	BEA SPI (components and sector industries; 1990-2005)
National	BEA SPI (components and sector industries; 1990-2005) BLS EP (components; 2001-2004 and 2014)

Compensation

County	BEA REIS (components and sector industries; 2001-2005)
State	BEA SPI (components and sector industries; 2001-2005)
National	BEA SPI (components and sector industries; 2001-2005)

Commuter Flows

County to County	Census (employees and wages; 2000)
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¹ The county BEA REIS data used for version 9.5 is based on their 04/26/2007 release.

² The state and national BEA SPI data used for version 9.5 is based on their 03/27/2007 release.

³ The national BLS EP data used for version 9.5 is based on their 12/07/2005 release.

BEA (income; 2005)

Technology Matrix

National

BLS (detail sectors; 2001-2004 and 2014)

Final Demand

National

BEA (components; 1990-2005)

RSQE (components; 2006-2009)⁴

BLS EP (components and industry value added; 2001-2004, 2014)

Occupation Matrix

National

BLS EP(employment by industry and occupation; 2004 and 2014)

Major Demographic Data Sources

Population

County

BEA (total; 1990-2005)

County

Census (age, sex, race; 1990-2005)

Demographic Components of Change

County

Census (1990-2005)

Labor Force

County

BLS (total; 1990-2005)

Natality Rates

Nation

Census (1999-2100)

Birth Rates

State

CDC (1994-2004)

Survival Rates

Nation

Census (1999-2100)

Net International Migrants

Nation

Census (1999-2100)

Participation Rates

Nation

BLS (1990-2050)

Active Military

Base

DoD (total; 1994-2005)

Nation

DoD (total, sex, race; 1990-2005)

⁴ The August 2007 forecast from RSQE is used for version 9.5.

Military Dependents

Nation DoD (total; 1990-2005)

Prisoners

County Census (sex,race,facility; 2000)

Nation Bureau of Justice Statistics (facility; 1990-2005)

Policy Insight

Expanded Economic History

The economic history for NAICS industries has been added for 1990-2000, and now matches the time period of the demographic history.

New Region-Specific Housing Price Elasticities

Region-specific housing price elasticities used as price responses to population and income changes (based on state and metro-area data) are now used for the relative housing price equation. These are based on REMI econometric state and metro-area time series regressions. The new regional values are calculated by applying a region-specific modifier to each area. The new values are found on the bottom two lines of the regional parameters tab (shown when you choose View Parameters on the Data menu).

New Housing Price Elasticity Update Feature

A new feature has been added to the Alternative Model Specification tab (available during a new regional control) that allows the new region-specific housing price response coefficients to be modified by the user. To return to the U.S. values for each area you need to create a new regional control, select Alternative Model on the Options menu, click on the Alternative Housing Price Coefficients button, and change the modifiers to 1. Click OK on both open windows, and run and save the new control. Any subsequent simulations run based on this control will use the U.S. values for the housing price elasticities.

State-Level Fiscal Tables Added

Fiscal Tables have been added to the results display for state-level revenue and expenditure data. These tables are available for state model configurations only. In order to update the revenues and expenditures data, start a new regional control and select Fiscal Calibration at the bottom of the policy variable categories on the Policy Variable Selection tab. Hit F1 for instructions on how to interpret these values in a simulation.

Translators Added to BizDev

Detailed industry translator policy variables are now available in BizDev for business type selection.

New Multi-regional U.S. Model Methodology

The Multi-region U.S. model system has been redesigned for faster runtime.

Optimization of ICC/PI Data Transfer

Data transfer between Policy Insight and the Insight Control Center has been optimized for faster operation of BizDev and DevSight.

Print Function Added to ICC Pivot Tables

A print function has been added to the ICC pivot tables available in BizDev and DevSight.

DevSight Expanded

DevSight now includes the ability to display history values for controls, as well as differences and percent change for simulation forecasts compared to a control.

Trade Flows Expanded

The historical values of trade flows may now be viewed in Policy Insight.

Aggregation of Exports Corrected

The aggregation of exports to multi-regions are now properly reallocated to self supply when sub-regions are aggregated.

New Industry Sales and Industry Employment Policy Variables Added

The previous Industry Sales/Int'l Exports and Industry Employment/Int'l Exports policy variables have been renamed Industry Sales/Exogenous Production and Industry Employment/Exogenous Production. The amount entered by the user to these variables will be displayed as Exogenous Production in the results.

A new set of policy variables with the original names, Industry Sales/Int'l Exports and Industry Employment/Int'l Exports, have been added. The amount entered by the user to these variables will be displayed as Exports to Rest of World.

New Consumption Equation

The consumption equation has been modified to take into account the age structure of the local region. See the document titled "The Structural Consumption Equation for REMI Policy Insight Version 9.5" posted on REMI's web site (www.remi.com) and published in the Model Documentation.