

**REMI Policy Insight v8.0
(changes since v7.0)**

Major Economic Data Sources

Employment

County	BEA REIS (sector industries; 2001-2003) BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002)
State	BEA SPI (summary industries; 2001-2003) ¹ BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002)
National	BEA SPI (summary industries; 2001-2003) ¹ BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002) BLS EP (detail industries; 2001, 2002, and 2012)

Wages

County	BEA REIS (total; 2001-2003) BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002)
State	BEA SPI (summary industries; 2001-2003) ¹ BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002)
National	BEA SPI (summary industries; 2001-2003) ¹ BLS QCEW (summary industries; 2001-2003) CBP (detail industries; 2002)

Personal Income

County	BEA REIS (components and sector industries; 2001-2003)
State	BEA SPI (components and sector industries; 2001-2003) ¹
National	BEA SPI (components and sector industries; 2001-2003) ¹ BLS EP (components; 2001, 2002 and 2012)

Compensation

County	BEA REIS (components and sector industries; 2001-2003)
State	BEA SPI (components and sector industries; 2001-2003) ¹
National	BEA SPI (components and sector industries; 2001-2003) ¹

Commuter Flows

County to County	Census (employees and wages; 2000) BEA (income; 2003) ¹
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¹ The state and national BEA SPI data used for version 8.0 does **not** take into account revisions released by the BEA on 09/28/2005.

Technology Matrix

National

BLS (detail sectors; 2001, 2002, and 2012)

Final Demand

National

BEA (components; 2001-2003)

RSQE (components; 2004-2007)

BLS (components and industry value added; 2001, 2002, and 2012)

Occupation Matrix

National

BLS (employment by industry and occupation; 2002 and 2012)

Major Demographic Data Sources**Population**

County

BEA (total; 1990-2003)

County

Census (age, sex, race; 1990-2003)

Demographic Components of Change

County

Census (1990-2003)

Labor Force

County

BLS (total; 1990-2003)

Natality Rates

Nation

Census (1999-2100)

Birth Rates

State

CDC (1990-2002)

Survival Rates

Nation

Census (1999-2100)

Net International Migrants

Nation

Census (1999-2100)

Participation Rates

Nation

BLS (1990-2050)

Active Military

Base

DoD (total; 1994-2003)

Nation

DoD (total, sex, race; 1990-2003)

Military Dependents

Nation DoD (total; 1990-2003)

Prisoners

County Census (sex, race, facility; 2000)
Nation Bureau of Justice Statistics (facility; 1990-2003)

Policy Insight

New Compensation Series

The addition of compensation data to BEA's Regional Economic Information System (REIS) and State Personal Income (SPI) series led to several changes.

1. Additional table of compensation, by industry (23, 70, or 169).
2. Expansion of labor and proprietors' income, by industry (23, 70, or 169).
3. Expansion of wage and salary disbursements to include government and farm industries.
4. Reformatted personal income table to more closely follow BEA.
5. Addition of BEA's other new concepts (Employee and self-employed contributions for government social insurance, Employer contributions for government social insurance, and Employer contributions for employee pension and insurance funds).
6. Replacement of Wage rate in model with Compensation rate.
7. Wage rate equation is now used to predict Compensation rate.

$$\mathbf{YLPT = WSDT + SUPPT + YPI}$$

Where,

YLPT = Labor and proprietors' income (earnings by place of work)

WSDT = Wage and salary disbursements

SUPPT = Supplements to wages and salaries

YPI = Proprietors' income

$$\mathbf{SUPPT = EPIF + EGS I}$$

Where,

EPIF = Employer contributions for employee pension and insurance funds

EGSI = Employer contributions for government social insurance

$$\mathbf{CONTT = TWPER + EGS I}$$

Where,

CONTT = Contributions for government social insurance

TWPER = Employee and self-employed contributions for government social insurance

$$\mathbf{NYLPTRA = YLPT - CONTT + RA}$$

Where,

NYLPTRA = Net earnings by place of residence
RA = Adjustment for residence

COMPT = WSDT + SUPPT

Where,

COMPT = Compensation of employees

New Demographic Policy Variables

Three new demographic policy variables have been added.

1. Child Migration, All Groups (number), Ages 0-17
2. Adult Migration, All Groups (number), Ages 18-64
3. Retired Migration, All Ages, All Groups (number), All Ages over 65

New Translator Policy Variable Module

The new Translator Module incorporated into Policy Insight calculates the direct policy variable changes necessary for simulating an output change to a comprehensive level industry. This Module uses the BEA 1997 Benchmark National I-O table for 470 detailed private non-farm industries to capture the intermediate input and value added differences between the industry in the REMI model and the comprehensive level industry selected by the user. It also adjusts for wage rate and labor productivity differences using BLS national wage and employment data for these detailed industries. Similarly, final demand changes can be made to 88 detailed consumption and 10 detailed equipment investment categories.

Updated Help System

We have reorganized and updated the Context Help system, updated the Help system to include the new features in v8.0, and streamlined the Help files.