

## Table of Major Changes – versions v1.5/3.5 through v2.3/4.3

03/18/2019

<b><u>v2.3/4.3</u></b>	<b><u>v2.2/4.2</u></b>	<b><u>v2.1/4.1</u></b>		<b><u>v2.0/4.0</u></b>
Converted real dollar base year from 2009 to 2012.	Incorporated BLS 2016-2026 Employment Projections.	BEA revised proprietors' income data.	New Labor Supply Closure option for single and multi-region national models.	Introducing REMI 2.0, our next generation of REMI models (dynamic, intuitive, smart).
Incorporated BEA's comprehensive update to Local Area Personal Income 2001-2017.	New Industry Definitions for 70 and 160 sector models.	Incorporated BEA Total Personal Consumption Expenditures by state data.	Unit conversion for nominal results reinstated.	Incorporated BLS 2014-2024 Employment Projections.
Incorporated BEA GDP by county data (2012-2015).	New and modified policy variables for Industry Employment, National Value Added Tax, National Border Adjustment Tax, Actual Capital Stock, Production Cost, and Detailed Intellectual Property Products.	Incorporated BEA GDP by state data.		New estimates of Wage/Compensation/Earnings Rate coefficients.
Updated trade flow parameters (betas and sigmas).	Several software enhancements, including redesign of main application windows with tiles instead of ribbons and results navigation redesigned with many customization options.	Added new IO table category to account for noncomparable imports and rest of world adjustment.		New estimates of Investment coefficients.
Add additional economic and demographic result variables.	New Results Comparisons for Share of Nation, Per Capita, Location Quotient, and Multiple Forecasts.	Updated economic migration equation.		History now begins in 2001 instead of 1990.
New and modified policy variables for Detailed Industry (Translators), Tourism (Translators), Labor Productivity option to change Labor Intensity, Compensation option for rate change and amount.	Added to the following articles to FAQs and Documentation: Comparing Employment Multiplier and Economic Migration Responses in Single vs Multi Region Models, BEA vs BLS Value Added, Comparing Business Cost Policy Variables	Updated endogenous labor force participation rate responses.		Added new Economic Profile Table (1969-2014).
Redesign of Navigation Bar in the Results	Updated method for estimating economic migrants by race/ethnicity in history.	Added new land price equation for nonresidential cost of capital.		Intellectual Property Products separated from Equipment investment.
New Impact Profile (simulations)	Data unsuppression system modifications.	Now properly net interregional government and farm trade when aggregating regions.		Changes to College Population and Military Population Estimation.
New Explore Connections tool	Labor Supply closure modification.	New and modified policy variables for Real Estate Price, Consumer Spending with Consumption Reallocation, Federal Military Employment with Active Military Population, Actual Capital Stock, Employment, and Output.		Interface redesign for simulation inputs, new Policy Variable Selector and redefined policy variables.
New Favorites manager		Several software enhancements, including new model parameters display, alternative model options display, policy variable export center, and results table export center.		New Custom policy variables for Investment, Consumer, Government, and Tourism Expenditures, as well as Government and Farm Industries, Imports, and Exports. Also new policy variables for Consumption, Government, and Investment Demand and Gas Tax, Sales Tax, Property Tax, and Consumer Price with alternative price elasticity.
New Import Settings manager				
New Custom Results tool				
Several software enhancements.				

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	<b><u>v1.7/3.7</u></b>	<b><u>v1.6R/3.6R</u></b>	<b><u>v1.6/3.6</u></b>	<b><u>v1.5/3.5</u></b>
Modified policy variables for Personal Taxes and Fuel Cost.	New estimates of State and Local Government Spending parameters.	Historical data now includes restoration of previously eliminated Local Area Personal Income Statistics from the BEA.	Incorporated BLS 2012-22 Employment Projections	Fine tuned data suppression methodology.
New Policy Variable Search Field.	New estimates of Relative Housing Price parameters.		Updated real \$ base year from 2005 to 2009.	New Custom Industry option for Farm.
New Industry Search Field.	New estimates of Consumption parameters.		New estimates of Trade Flow parameters (industry betas and sigmas).	Expanded detail added for Employment by Occupations results display.
New Policy Variable Import Utility.	New Labor Productivity/Access policy variables.		Added ability to start and stop control or simulation in any forecast year.	Customization of non-existent local industries now possible.
Personalized settings added for map colors, screen size, and region selection.	Incorporation of BEA Regional Price Parities.		Upgraded software to target Microsoft 64-bit Windows platform.	Employment Update feature enhanced.
New Macroeconomic Values options to incorporate employment or labor productivity assumptions.	Expanded Property Income Components.		Modified data suppression system to handle loss of county employment data, etc.	Detailed industry policy variables now reconciled with applicable aggregate industries.
Improved file association for REMI workbooks.	Expanded Transfer Payment Components.		Interface redesign – replaced “pearl” button with new FILE tab.	Endogenous Residence Adjustment implemented.
New “Export All” option for Occupation by Industry results.	Modified historical residence adjusted employment, industry output, and investment calculations.		Detailed industry policy variables (translators) updated to reflect new BEA 2007 Benchmark IO table.	New Commuter Earnings policy variables added.
New Forecast Log.	Software changes to allow for automatic parallelization.		Display/reference data added to Macroeconomic, Employment, and Population Update procedures.	New Commuter Earnings result table added.
New Status Bar.	New National Demographic forecast option.		Employment feedback option added to Population Update.	Detailed policy variable and results lists now available for display under the Model Details button.
Redesigned Custom Variable Editor.	New National Forecast Assumptions Module.			New Unemployment Rate result table added.
Redesigned Scenario Creator.	Model calculations and results expanded to double precision.			
New Help Button.	New year selection dialog.			
FAQS and Documentation added to Model Details.	Software changes to allow for future “internationalization”.			