

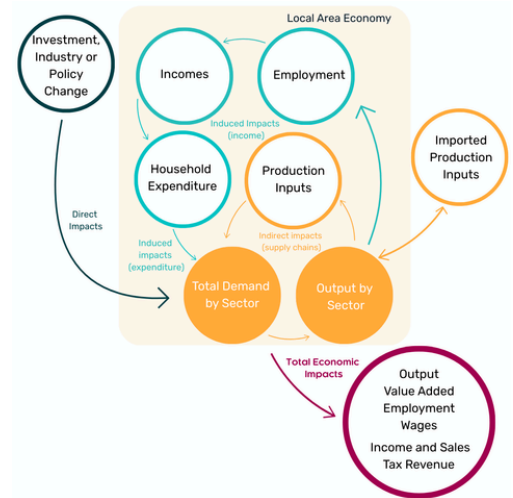


## Modeling the Regional Economic Impacts of Policies and Investments

REACT is an input-output modeling tool that enables our clients and partners to deliver a high-quality, comprehensive and tailored quantitative assessment of how local and regional economies will react to changes in policy, investment, or industry activity.

The model is a cost effective option for collaborators and clients to efficiently and accurately conduct impact studies and can estimate direct, indirect, induced and total economic impacts for a wide range of policy, investment and industry initiatives and scenarios.

Designed for both in-house use by Cambridge Econometrics and for collaborators and clients to conduct their own impact studies, REACT offers new insights on the ever-changing and complex landscape of US economic policy.



## Economic Impacts Assessments With REACT



REACT builds on Cambridge Econometrics' 40 years of regional economic modeling expertise to develop a world-class, cost effective input-output economic impact tool, with an integrated framework of employment, income (wages), output and value added by detailed industry sector.

The model generates results on the supply chain / intermediate impacts (known as indirect) and the effects of the re-spending of wages and income (known as induced) to estimate total economic impacts (known as multiplier effects). It can also estimate state-level tax revenue impacts.

### Key benefits of REACT

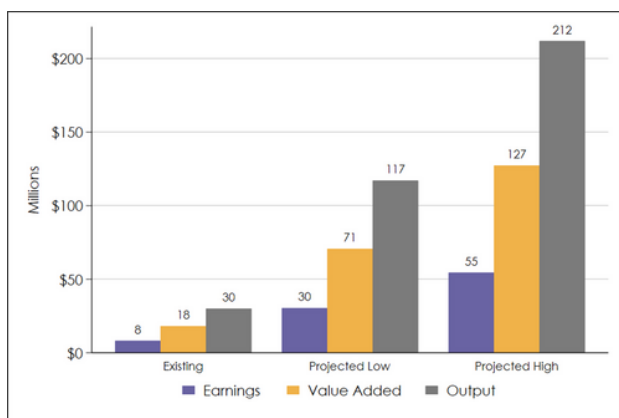
- Reliable and accurate insights**  
Built from the latest US Bureau of Economic Analysis (BEA) and US Bureau of Labor Statistics (BLS) input-output and GDP data.
- Granular and localized analysis**  
Customized with detailed, up-to-date industry employment and wage data at the county level from [data-Fab](#).
- Broad and comprehensive industry scope**  
Coverage of 166 different sectors
- A holistic approach**  
Integrated model system built on sectoral relationships and interactions
- Customizable application**  
Regions can be configured for any combination of counties, metro areas, or states
- Versatile across industries and sectors**  
Designed for a wide range of applications including construction or development projects, new or expanded industries, tourism and visitation studies etc.



Regional Economic insights with REACT on projects such as:



### Example Results



Impact Type	Jobs	Earnings (\$million)	Value Added (\$million)	Output (\$million)
Direct	701	\$52.40	\$73.26	\$150.84
Indirect	234	\$13.72	\$42.61	\$62.12
Induced	274	\$13.30	\$32.08	\$53.34
Total	1,208	\$79.42	\$147.96	\$266.30

### Where we have made a difference

Our current and recent economic impact analysis work includes:

#### Private Developers

Industrial and mixed use development projects in Massachusetts and Connecticut

#### Norwottuck Network and MASS MoCA

Economic studies of bike/pedestrian trails in Massachusetts

#### Arlington and Alexandria counties (VA)

National Landing Innovation District study of industry opportunities and economic growth

#### Georgia Department of Community Affairs

Coal industry and economic impacts in Appalachian Georgia

Get in touch to discover how REACT can deliver tailored economic insights for you.

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