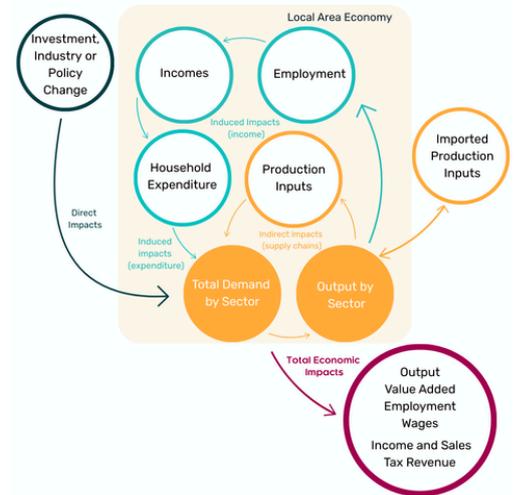


Modeling the Regional Economic Impacts of Policies and Investments

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



Direct Effects represent the immediate (direct) change in output and activity in an industry as a direct result of increased spending, employment or investment in that industry.

Indirect Effects occur as a result of the inter-industry transactions required to support an increase in production. Indirect effects stem from the increased demand for supply chain components and inputs as a result of increased spending or investment in an industry.

Induced Effects are the changes in economic activity resulting from the increased household income generated by the direct and indirect effects. These impacts arise as workers spend their additional earnings on goods and services in the economy.

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

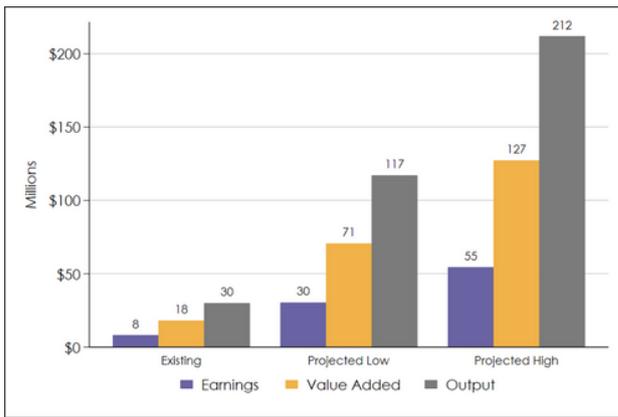
- 
Reliable and accurate insights
 Built from the latest US Bureau of Economic Analysis (BEA) and US Bureau of Labor Statistics (BLS) input-output and GDP data.
- 
Granular and localized analysis
 Customized with detailed, up-to-date industry employment and wage data at the county level from [data-Fab](#).
- 
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:

- Industrial, commercial and mixed use development projects
- Industry expansion or retraction studies – capital and operating
- Infrastructure investments (e.g., transportation, water/sewer, energy)
- Economic studies of visitor and tourist attractions (e.g., museums, recreation and sports facilities)
- Economic contributions of existing business parks, key industry clusters, etc.

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.

Dan Hodge
dh@camecon.com

