

REMI PI+ MODELING & IMPACT ANALYSIS

Presented by Regional Economic Models, Inc.

Prior Policy Analyses



REMI's PI+ is the industry standard for dynamic regional macroeconomic and demographic analysis of public policy and economic development projects.

Washington: Aerospace tax credit analysis

California: Impact of CalRecycle program

Texas: Statutory impact analysis requirement for appropriations legislation



Regional

New England:

Greenhouse
Gas Initiative

Maryland:

Corporate tax rate reduction analysis

North Carolina:

Medicaid expansion analysis

what does REMI say? sm

Arkansas: Big River Steel manufacturing facility analysis

Demo Simulations



- □ Increasing total employment
 - Tax cut (with reduction in government expenditures)
 - Direct government hiring
- □ Studying natural disaster impact
 - Property destruction

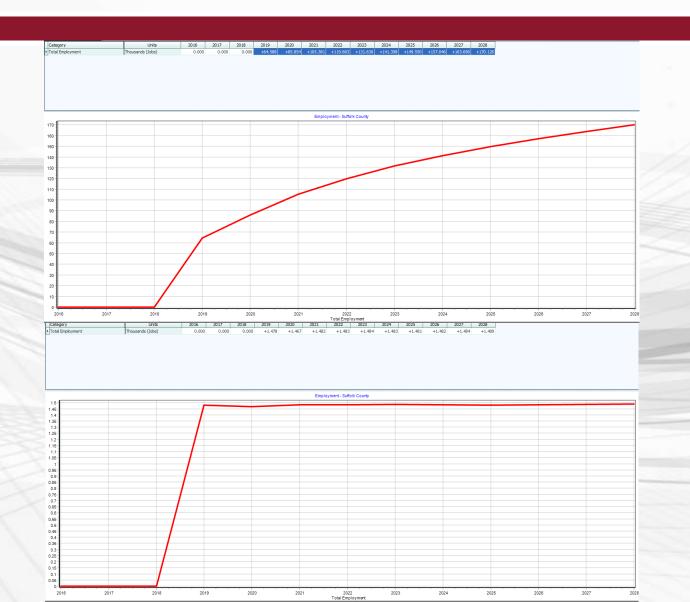


✓ / Tax Cut																
Active View Category	Detail	Region	Units	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Production Cost	Details (66)	Suffolk County	Percent	0	0	0	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
State and Local Government Spending	Include Amenity: Details (2)	Suffolk County	Percent	0	0	0	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10
<																

Government Hiring																
Active View Category	Detail	Region	Units	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
State and Local Government Employment	Details (2)	Suffolk County	Thousands	0	0	0	1	1	1	1	1	1	1	1	1	1
<	III															



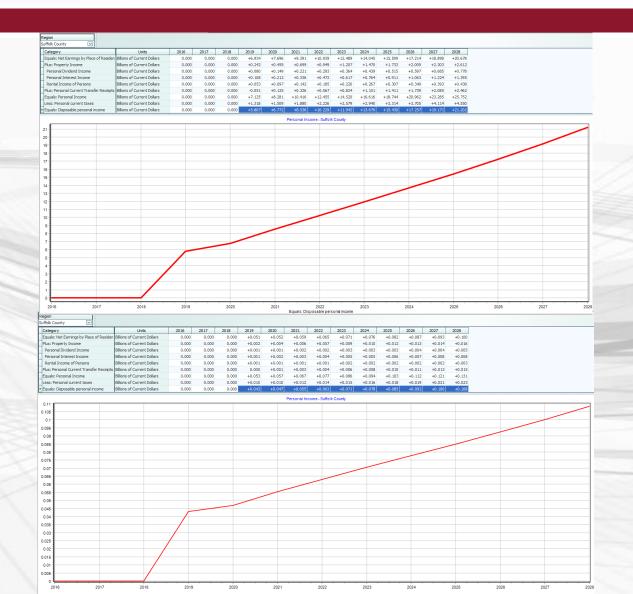
Both raise employment



what does REMI say? sm



Raises personal income





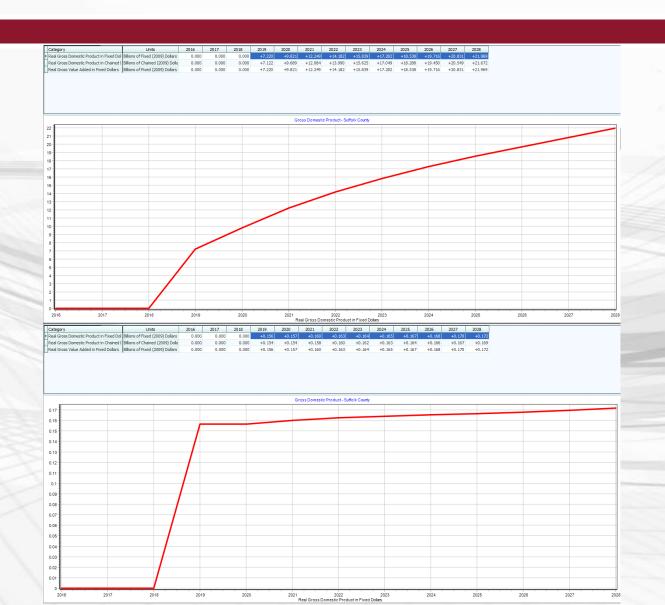
Raises consumption



what does REMI say? sm



Raises GDP



what does REMI say? sm

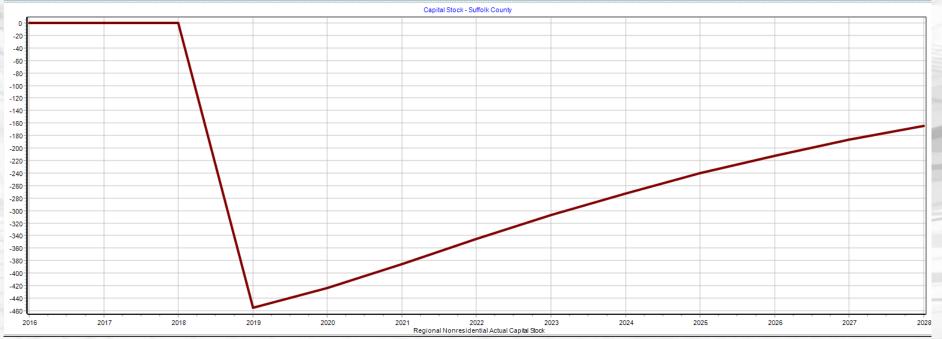


E	/	Natural Disaster																
ed -	Active		Detail	Region	Units	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
7	~	Capital Stock	Actual Capital Stock: Details (2)	Suffolk County	2016 Fixed Local \$ (B)	0	0	0	-1	0	0	0	0	0	0	0	0	0



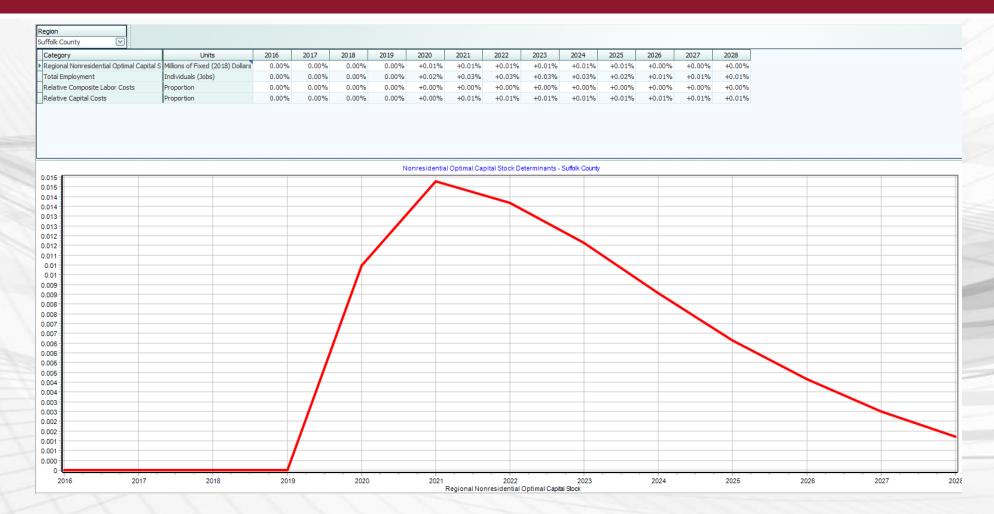
Actual Capital Stock

Region Suffolk County														
Category	Units	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
National Residential Actual Capital Stock	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Residential Optimal Capital Stock	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Residential Depreciation Rate	Rate	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Regional Residential Actual Capital Stock	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	-505.300	-438.226	-351.425	-265.077	-189.247	-127.770	-80.884	-46.959	-23.635	-8.464
Regional Residential Optimal Capital Stod	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	0.000	+14.747	+22.610	+23.886	+22.694	+20.028	+16.861	+13.927	+11.361	+9.240
Regional Residential Preference Coefficie	Coefficient	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Nonresidential Actual Capital Stc	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
National Nonresidential Optimal Capital St	Millions of Fixed (2018) Dollars	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nonresidential Depreciation Rate	Rate	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



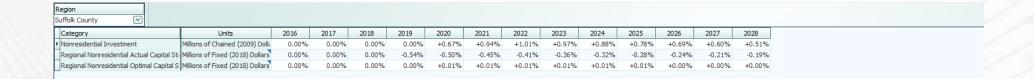


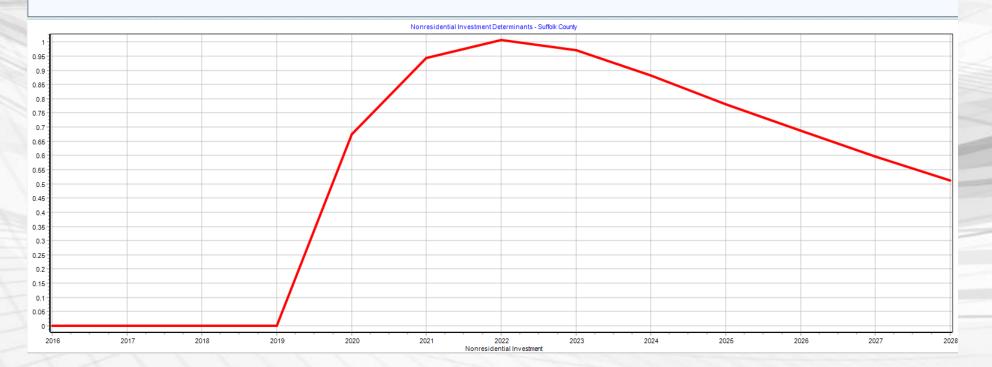
Optimal Capital Stock





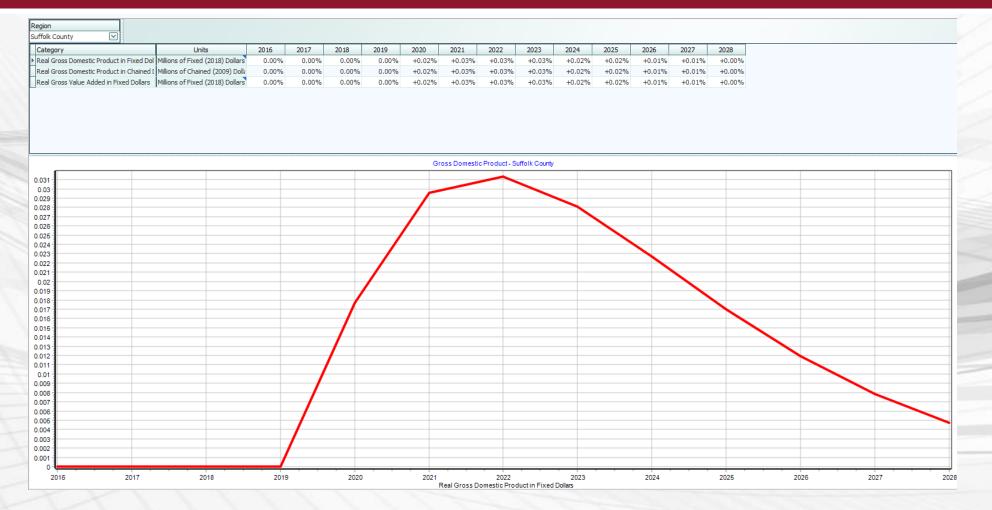
Investment







GDP





Employment

Suffolk County



Impact Analysis as a REMI User



- □ Can analyze impact of both economic and non-economic events
- Can compare multiple methods of reaching economic goal