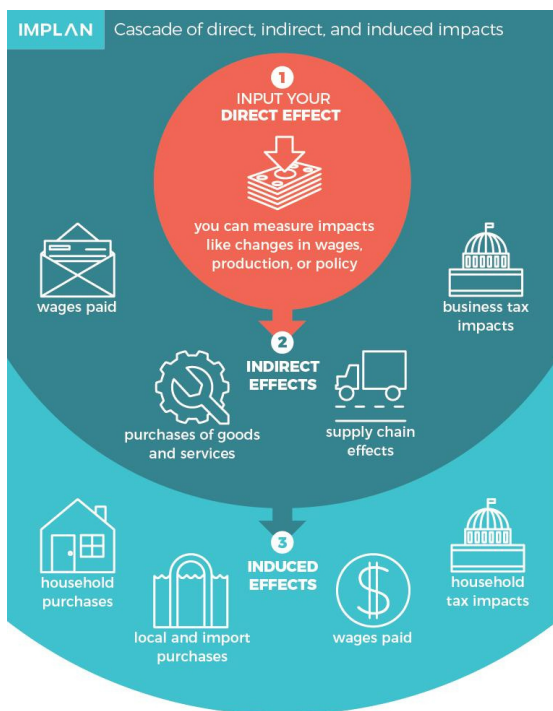


ECONOMIC IMPACT MODELING

The RPCGB Economic Development Department uses an input-output modeling software called IMPLAN to conduct economic impact analyses. IMPLAN uses demographic data, multipliers, and economic factors to model a variety of scenarios. Once the initial variables are input in the model, the software can forecast economic indicators like output, employment, value added, tax revenue, and labor income.

There are 3 types of projects the RPCGB can provide assistance for:

- 1) Construction, 
- 2) Operations, and 
- 3) Industry Contribution. 



“Input-Output (I-O) Analysis is designed to show the ripple effects of a given economic activity in other Industries and geographies through input purchases, labor payments, and trade. Production in a given Industry supports demand for production in other Industries throughout the economy, both due to supply chain spending and spending by workers. This spending is derived from the I-O and Social Accounting Matrix (SAM) model.”

The three types of effects can be seen to the left. Their sum is the total effect, or the economic impact of an industry.

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