



Economic Impact Analysis

Mayaguez, Puerto Rico

A basic input/output model traces the flow of goods and services, income and employment among related sectors of the local economy.

Direct Effect; Direct effects are the changes in economic activity during the first round of spending at the original project (initial employment and wage effect).

Indirect effect; Indirect effects are the impact of local industries buying goods and services from other Mayaguez, Puerto Rico industries. The cycle of spending works its way backward through the supply chain until all money leaks from the Mayaguez economy, either through imports or by payments to be value added. Indirect effects are the changes in sales, income, or employment within the region in backward-linked industries supplying goods and services. These represent the impacts (change in employment) caused by industries purchasing from industries, resulting from direct final demand changes. New jobs will be created outside the the primary industry.

Induced Effect; Induced effects are the response by an economy to an initial change (direct effect) that occurs through re-spending of income received. This money is recirculated through the household spending patterns causing further local economic activity. New jobs created in the areas of food services, plumbing, medical/dental care and other major community economic impacts throughout the sector.

Value Added; Indicates the total economic value (impact) attributable to Puerto Rico's workers and industries.

source; mig databases and IMPLAN 3.0 matrices are utilized in the compilation of economic impact estimates.

Clean Ocean Initiative, Inc's economic impact of adding 102 jobs in Mayaguez, PR.

Direct; \$4,988,150.00
Indirect; \$2,992,890.00
Induced; \$2,918,000.00

Total economic impact Mayaguez, PR
\$10,899,040.00

Clean Ocean Initiative, Inc's jobs created 2015/2016

Direct; 102
Indirect; 78
Induced; 60

Total jobs created in Mayaguez, PR
240

Estimated local taxes;

Direct; \$254,000.00
Indirect; \$79,890.00
Induced; \$91,000.00

Total local taxes;
\$424,890.00