

IMPLAN REPORT:

ECONOMIC IMPACT OF NRCS & SWCD ACTIVITIES FY21

Samuel Porter

Agricultural Economist, NRCS MN

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State Technical Advisory Committee, Waite Park

IMPLAN

NRCS economists use IMPLAN to estimate the economic impact of public conservation expenditures.

Impact Analysis for Planning (IMPLAN) is an *input-output database and model*, maintained and sold by IMPLAN Group LLC.

WHAT THESE MODELS TELL US

INPUT-OUTPUT MODELS

Trace the flow of goods and services through the economy.

They are typically used to analyze the impacts of an influx of government or private expenditures into a community or regional economy on consumption, net output, and jobs.

DIRECT EFFECTS

Are the set of expenditures applied to the I-O multipliers for an impact analysis.

It is one or more production changes or expenditures made by producers/ consumers as a result of an activity or policy.

WHAT THESE MODELS TELL US

INDIRECT EFFECTS

the **business to business purchases** in the supply chain taking place in the region that **stem from the initial industry input purchases**.

INDUCED EFFECTS

values stemming from household spending of **Labor Income**, after removal of **taxes, savings, and commuter income**.

The induced effects are generated by the spending of the employees within the business' supply chain.



DATA ORIGIN

NATURAL RESOURCES CONSERVATION SERVICE (NRCS)

NRCS data comes from the Financial Management Modernization Initiative (**FMMI**) and NRCS Program Contracts System (**ProTracts**)

FMMI: budget classifications and program expenditure data.

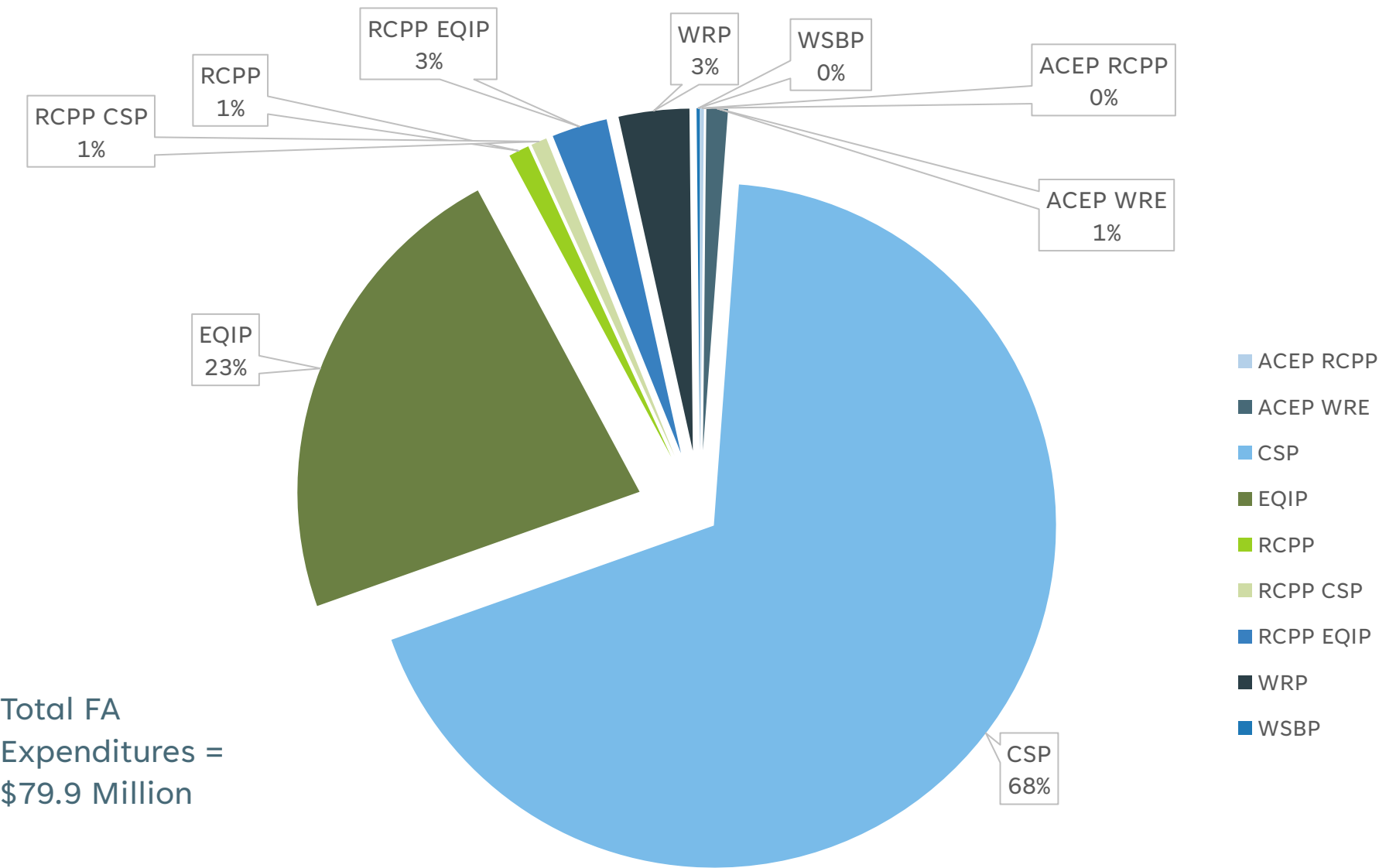
ProTracts: additional contract detail and practice scenarios data, which are broken down by components to determine economic sector contributions.

BOARD OF WATER AND SOIL RESOURCES (BWSR)

Soil and Water Conservation Districts (SWCD) , Watershed District, and Watershed Management Organization's Annual Financial Statement reports submitted to Board of Water and Soil Resources (BWSR) at the end of calendar year.

NRCS
Programs
FY21

Program Share of Total Expenditures FY21, NRCS MN



Total FA
Expenditures =
\$79.9 Million

CONSERVATION PUBLIC EXPENDITURE 2021



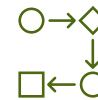
TOTAL EXPENDITURE

\$228,448,531



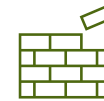
DIRECT MINNESOTA IMPACT

\$186,916,423



TOTAL VALUE ADDED

\$284,040,090



TOTAL OUTPUT

\$413,692,920

MULTIPLIER EFFECT AND JOBS FY21

1.81

Cost to Output Multiplier

(Total output / Total Expenditure :
\$413M / \$228M)

1,389

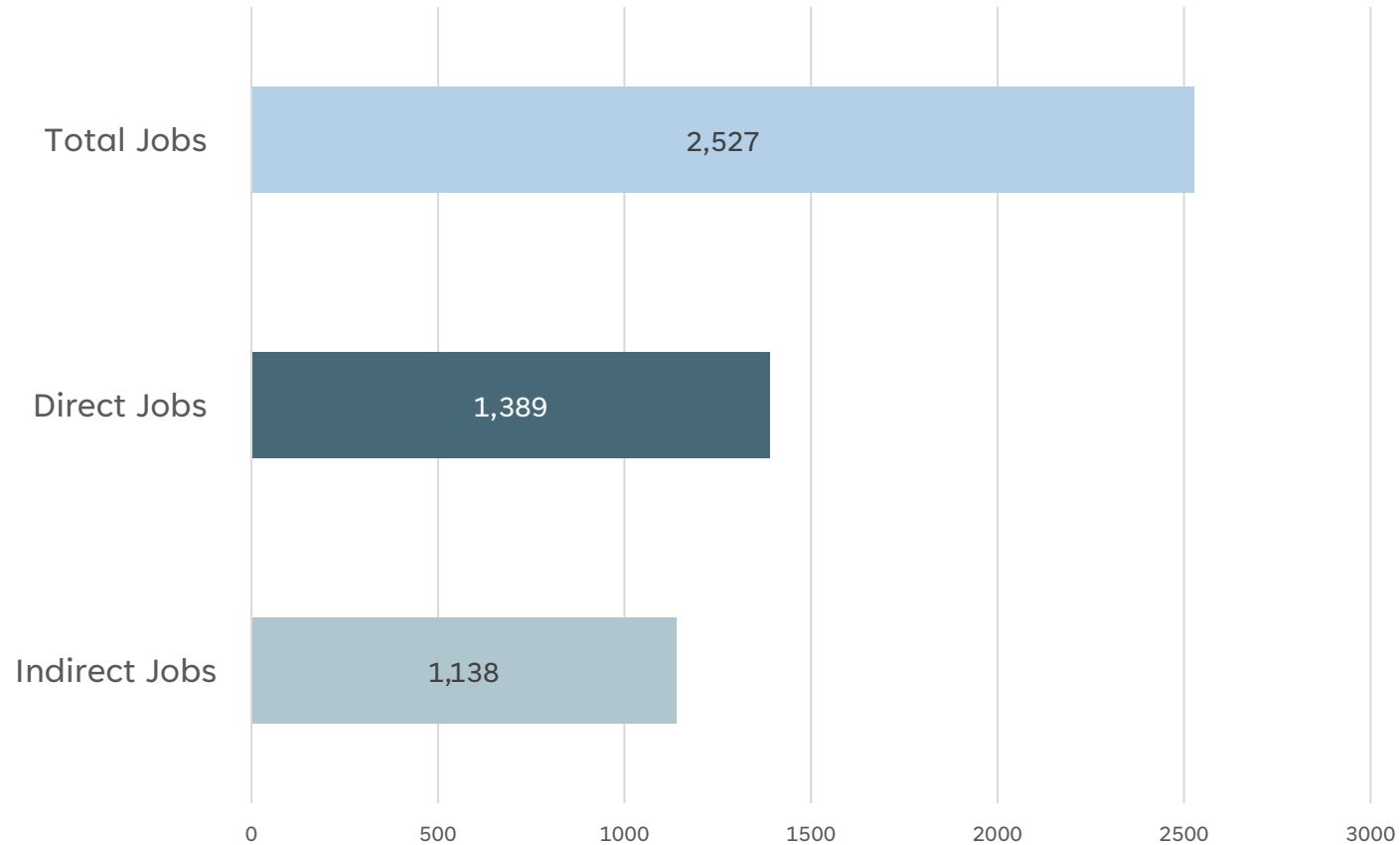
Direct jobs created

1,138

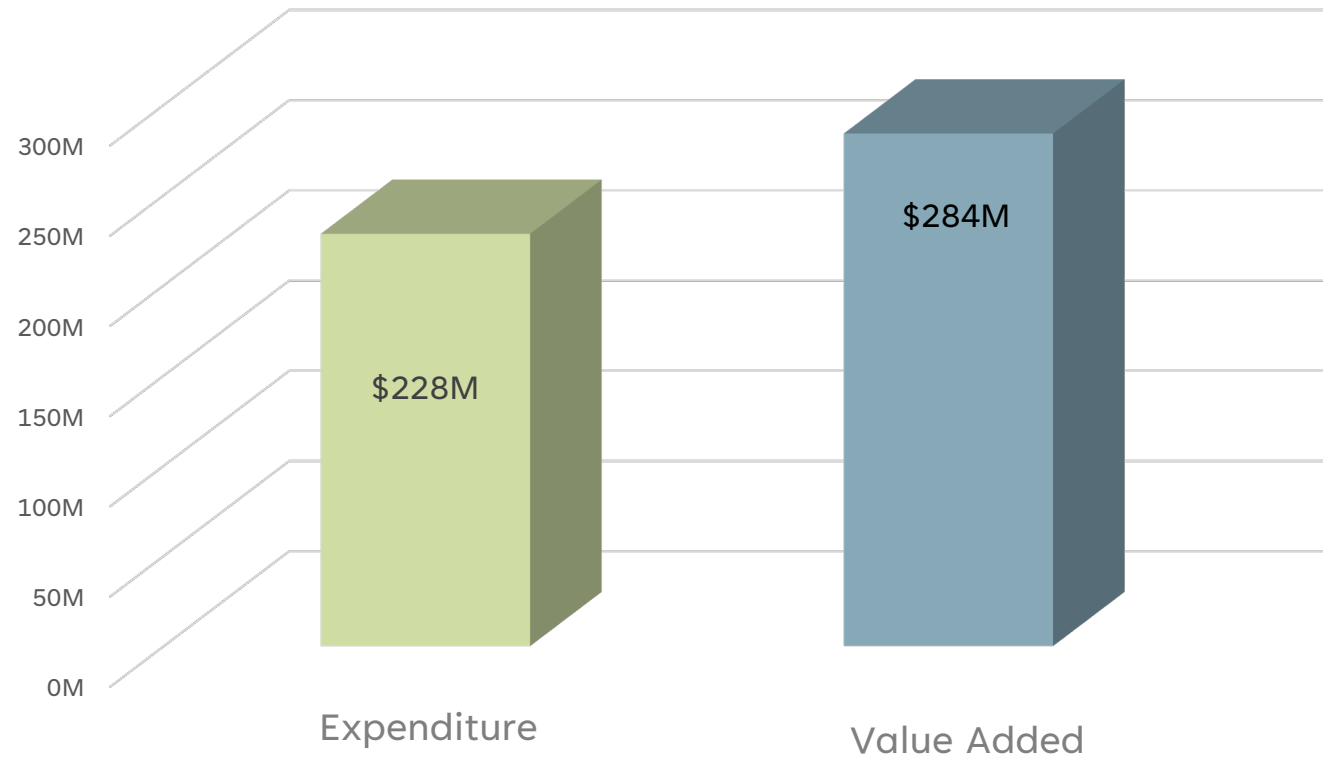
Indirect jobs created



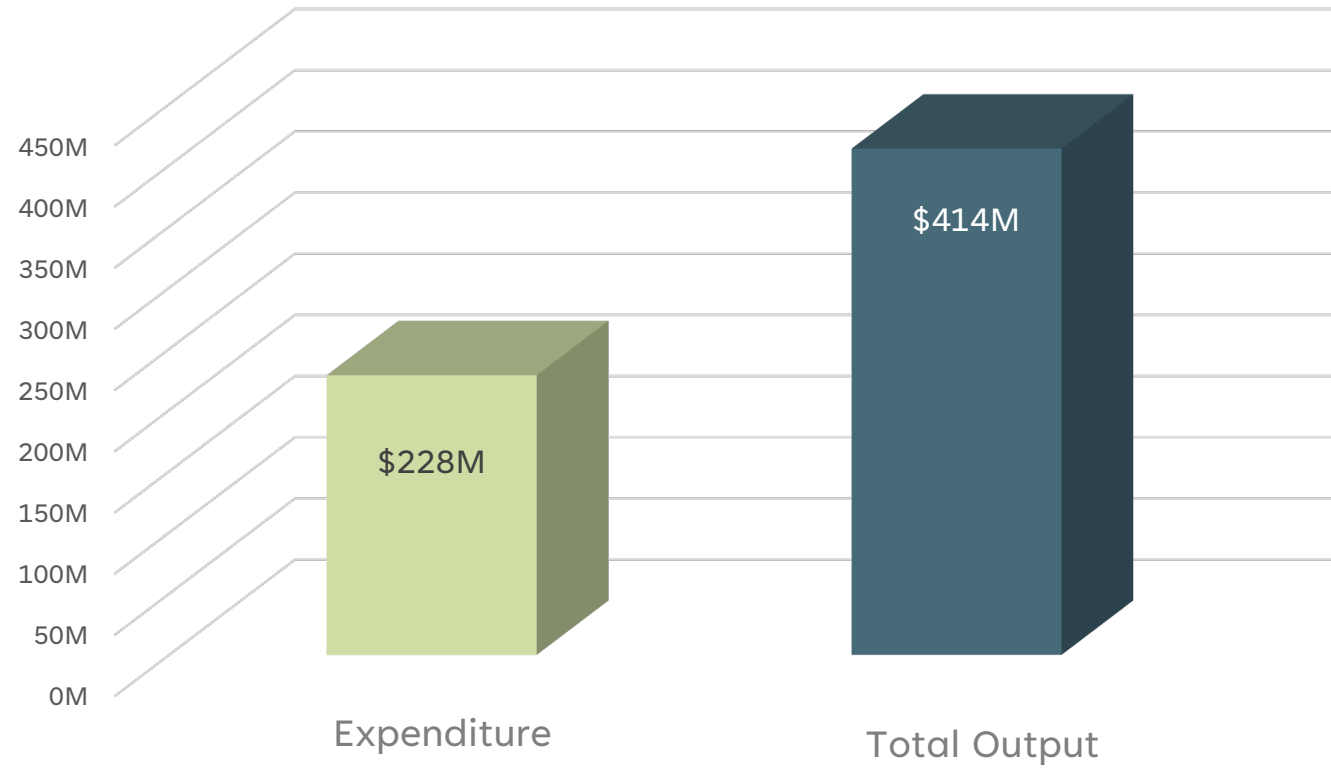
Jobs Created



Conservation Expenditure and Value Added



Conservation Expenditure and Total Output





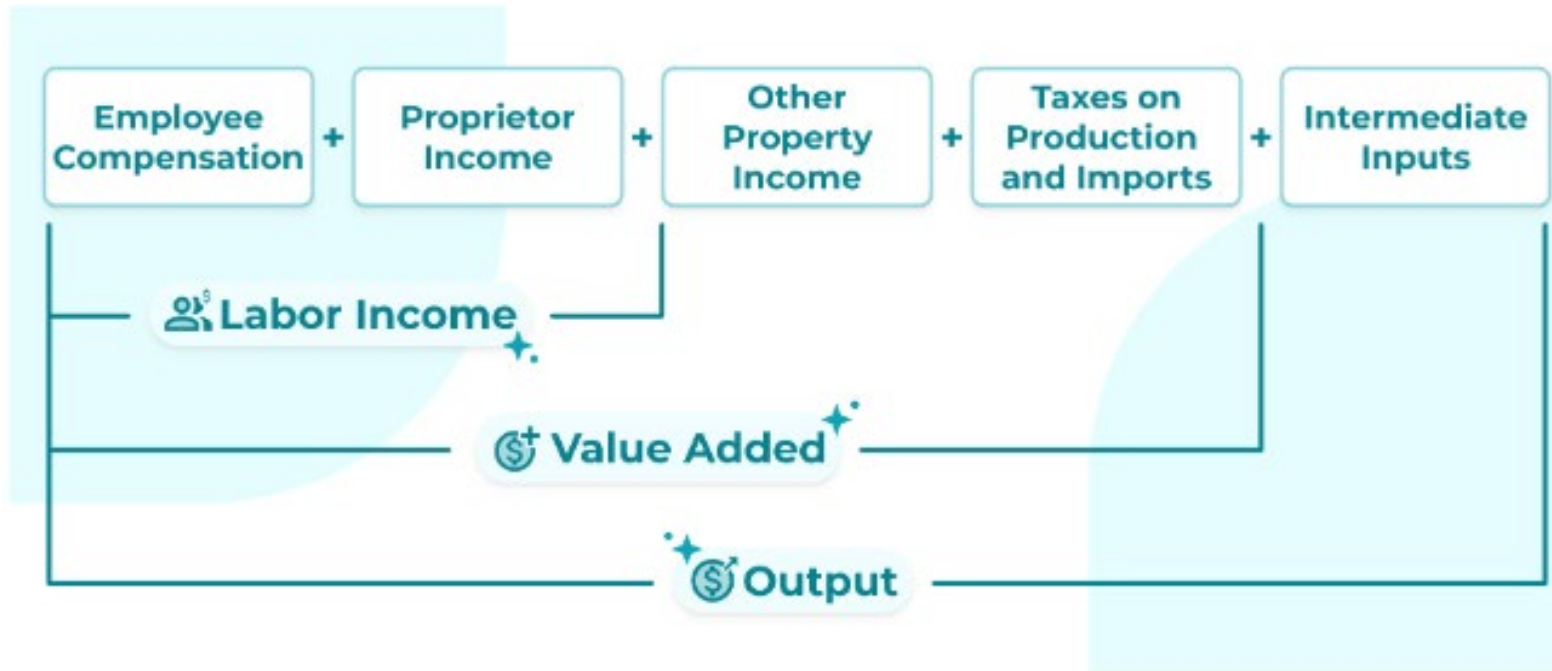
Thank You

samuel.porter@usda.gov

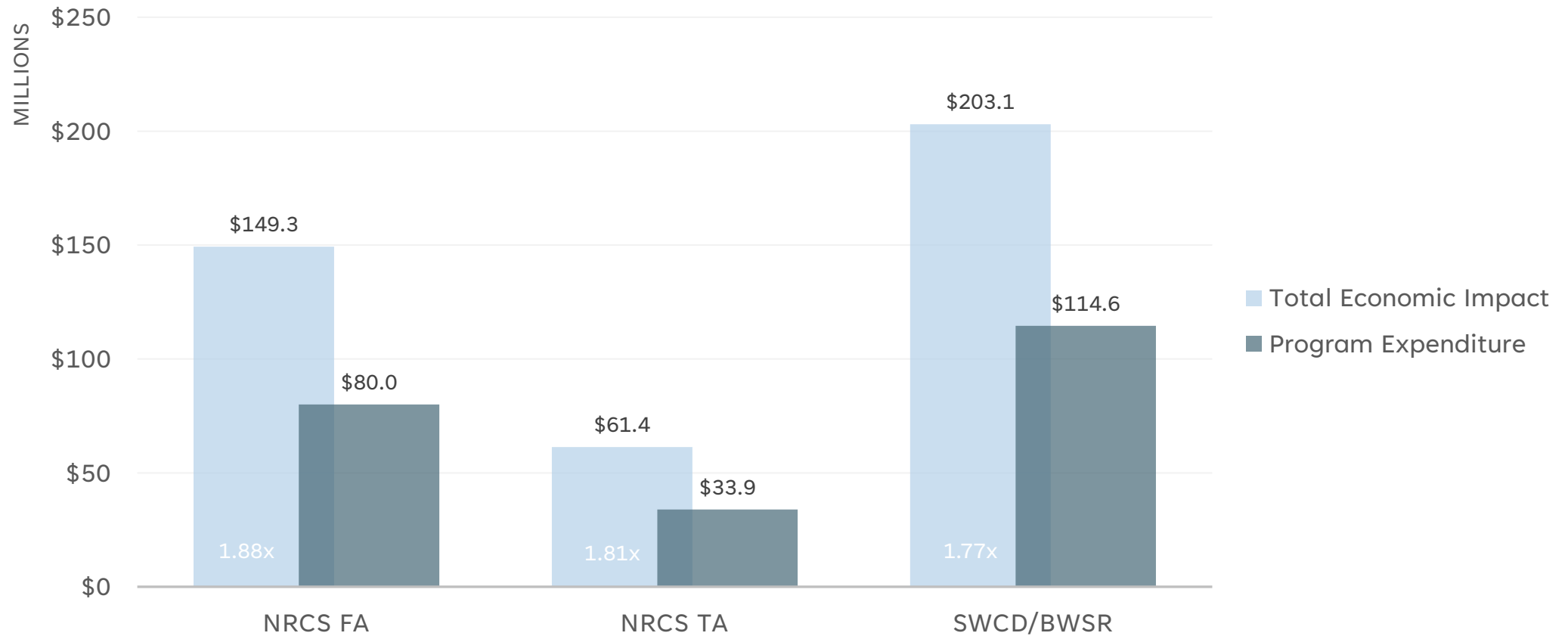


ADDITIONAL SLIDES

IMPLAN OUTPUTS BROKEN DOWN



MN 2021 Conservation Expenditure and Economic Impact





THE END