



CONNECTICUT RESIDENTIAL RECYCLING ECONOMIC STUDY

NERC Jobs & the Economy Webinar

October 26th 2021



Managing change
in a resource-
constrained world.



ORGANICS
MANAGEMENT



WASTE
RECOVERY



GLOBAL CORPORATE
SUSTAINABILITY

since 1986

CONNECTICUT RESIDENTIAL RECYCLING ECONOMICS STUDY



PROJECT GOAL

Quantify the Economic
Impact of Residential
Recycling in Connecticut



A black and white photograph showing a row of grey recycling bins on a sidewalk. The bins are lined up, and the focus is on the one in the foreground, which has some water droplets on its surface. The background is blurred, showing more bins and some trees.

WHY DO A RECYCLING ECONOMIC INFORMATION STUDY?

The recycling industry:

- Creates local jobs
- Feeds critical end markets
- Motivates new technology developments
- Contributes to the state's tax revenue and total economic output



METHODOLOGY

RECYCLING ECONOMIC INFORMATION STUDY PROCESS



MATERIALS INCLUDED IN STUDY



Residential
Blue Bin



Bottle Deposit



Residentially
Focused
Stewardship

INDUSTRIES RELATED TO RESIDENTIAL RECYCLING IN CONNECTICUT

Industry Description	
Paper (except newsprint) mills	Nonferrous and aluminum metal foundries and die-casting foundries
Paperboard mills	Other commercial equipment merchant wholesalers
All other converted paper product manufacturing	Industrial machinery and equipment merchant wholesalers
Plastics material and resin manufacturing	Recyclable material merchant wholesalers
Other pressed and blown glass and glassware manufacturing	Supermarkets and other grocery (except convenience) stores
Glass product manufacturing made of purchased glass	Environmental consulting services
Steel product manufacturing and nonferrous metal smelting	Solid waste collections and materials recovery facility*
Iron foundries and Steel investment foundries	Municipal Recycling Administration



OUT OF SCOPE

- Recycling Related to:
 - Commercial, institutional, and industrial recycling through MRFs
 - Business to Business Recycling
 - Organics
 - Recovered C&D
 - Scrap Yards
- Reuse Activities:
 - Thrift stores
 - C&D reuse
- Refurbishment/Remanufacturing:
 - Electronics refurbishment

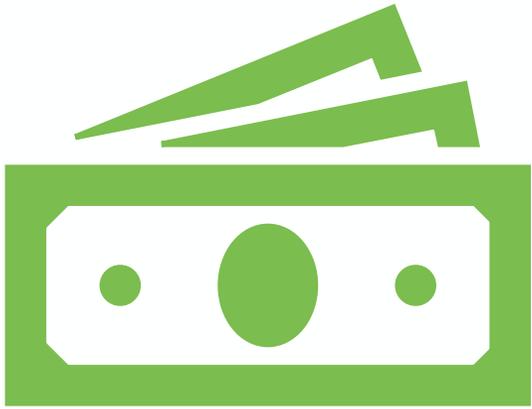


ECONOMIC CONTRIBUTION ANALYSIS PERFORMED WITH
IMPLAN

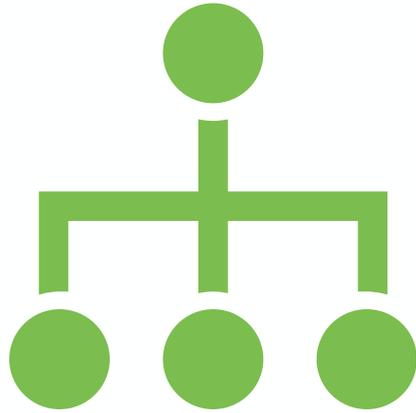
IMPLAN

MAKE AN IMPACT.

MEASURE DIRECT, INDIRECT, AND INDUCED EFFECTS



Direct Effects



Indirect Effects



Induced Effects



STUDY RESULTS

TOTAL ECONOMIC CONTRIBUTION OF RESIDENTIAL RECYCLING IN CONNECTICUT

4,900

**Direct,
Indirect, &
Induced Jobs**

\$383M

**Total Labor
Income**

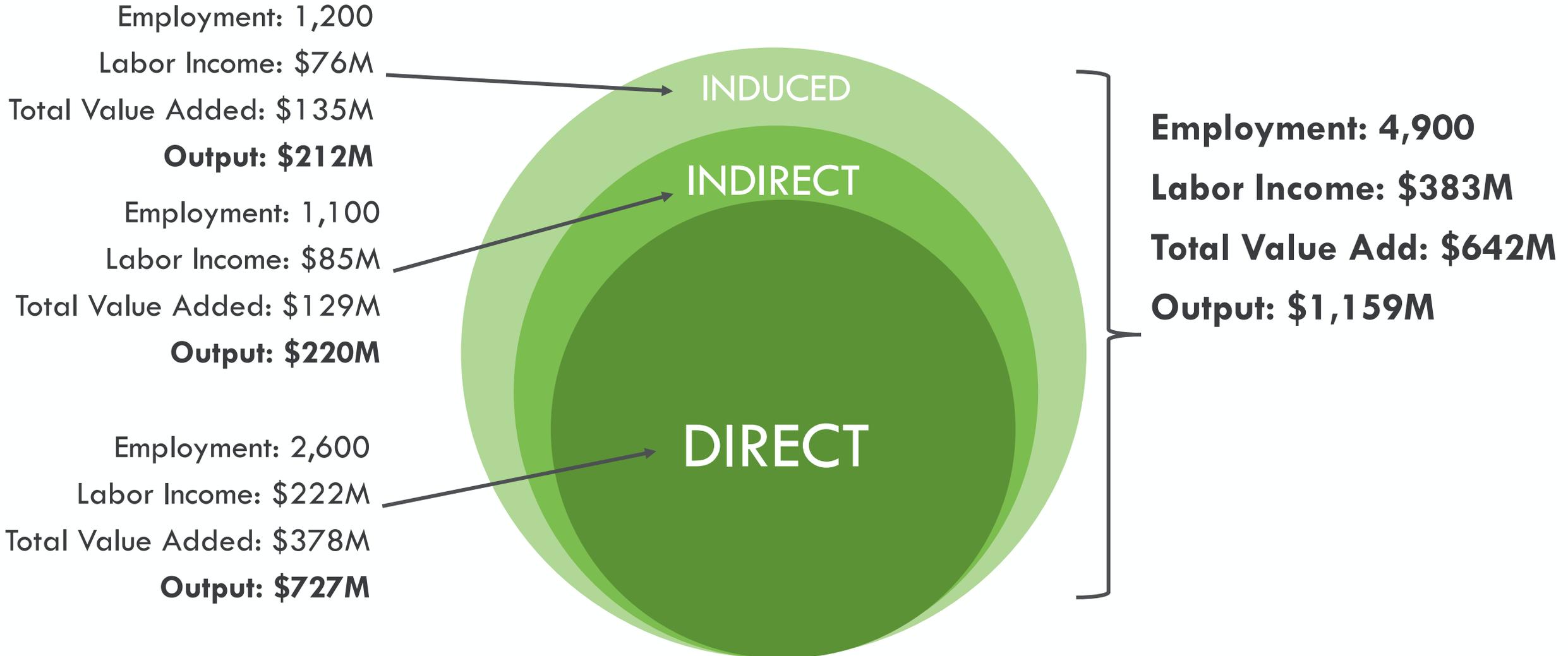
\$642M

**Total Value
Add**

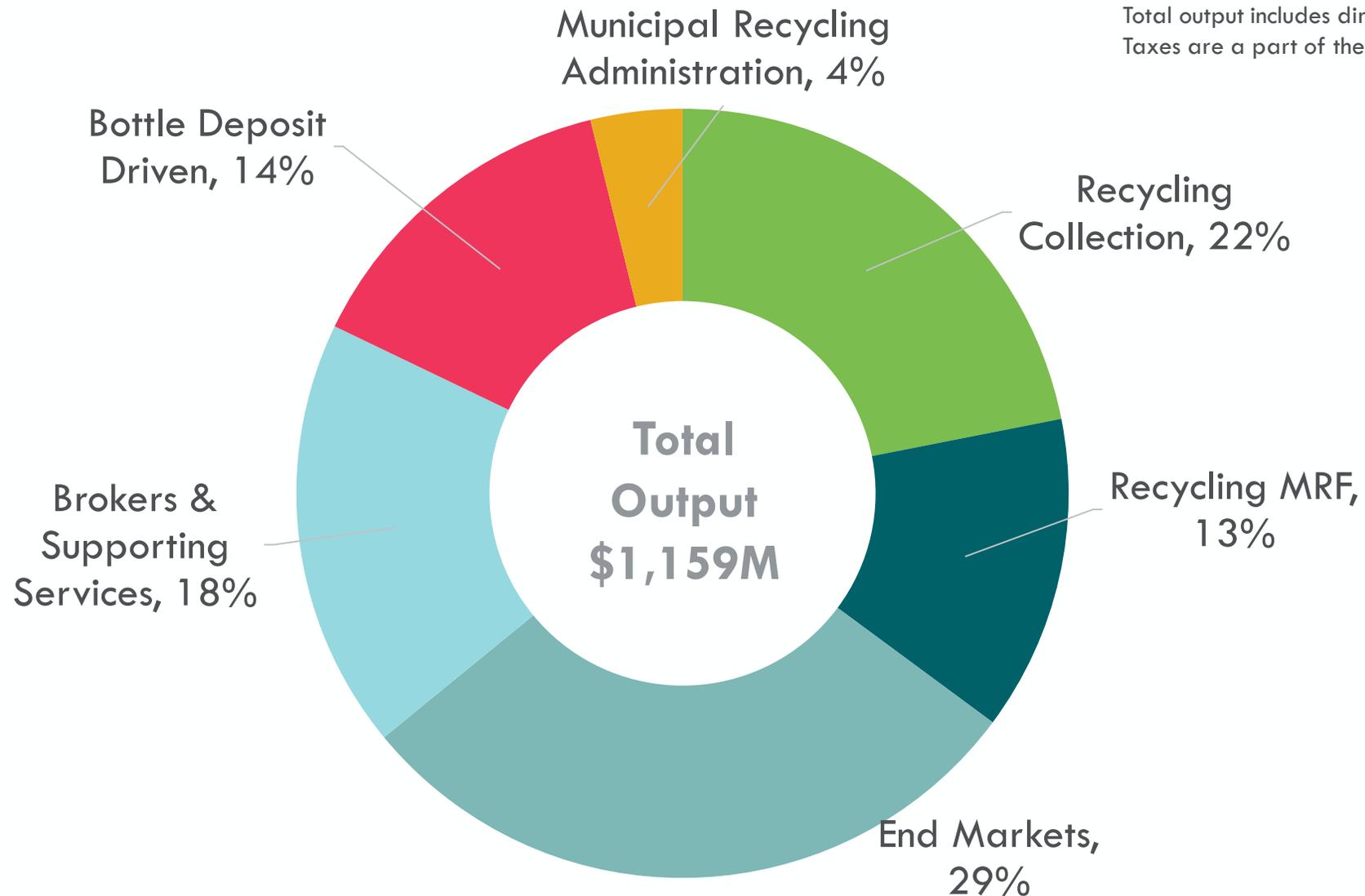
\$1,159M

**Total
Economic
Output**

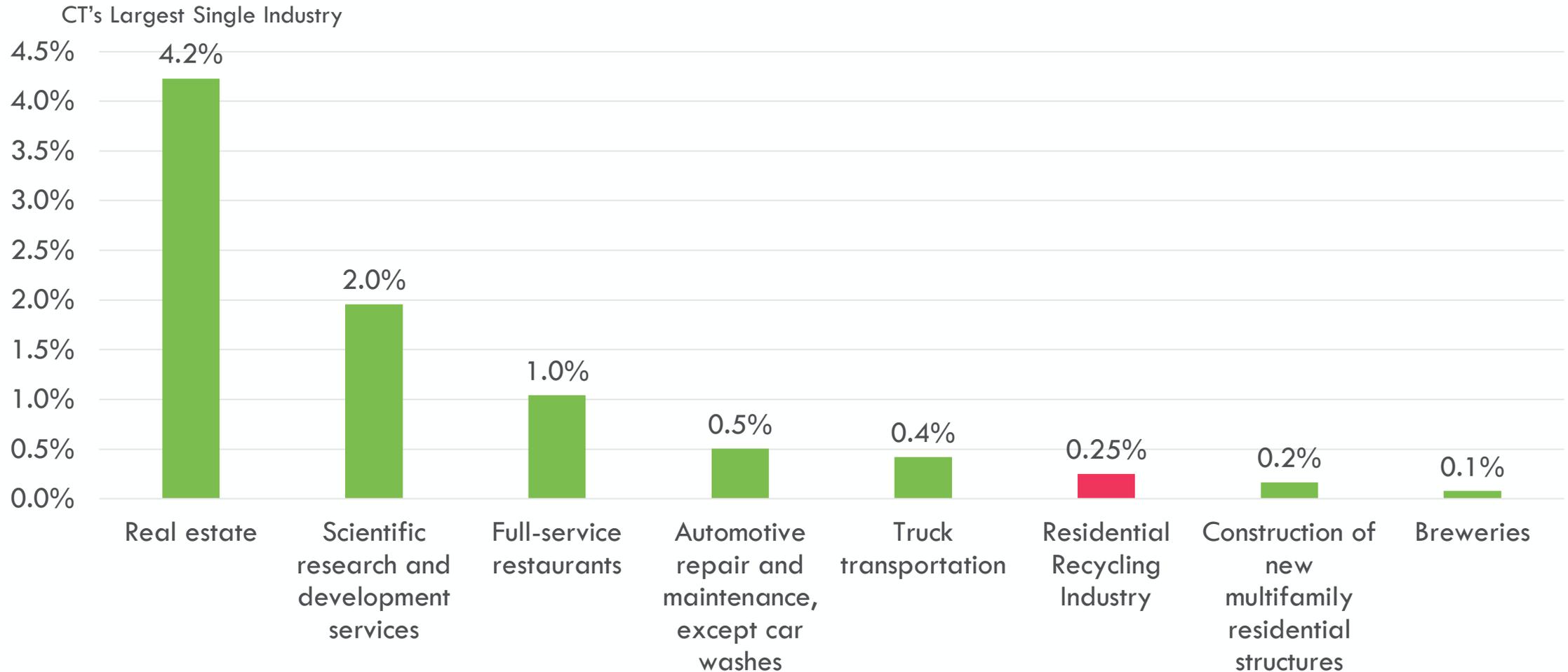
TOTAL ECONOMIC CONTRIBUTION OF RESIDENTIAL RECYCLING IN CONNECTICUT



COMPONENTS OF RESIDENTIAL RECYCLING ECONOMIC TOTAL OUTPUT



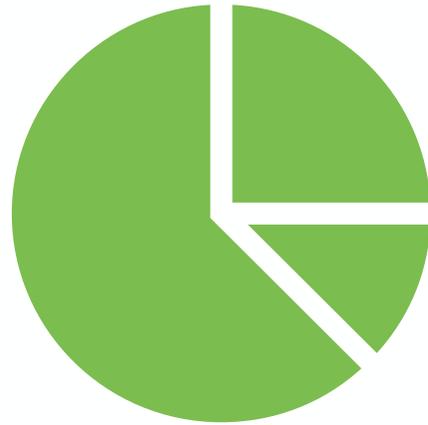
PERCENT OF CONNECTICUT'S TOTAL ECONOMIC OUTPUT



POTENTIAL NEXT STEPS



Factor in the environmental benefits



Capture impacts of *all* recycling activities



Measure regional impact in northeast

GROWING CONNECTICUT'S ECONOMY



Total annual economic contribution of residential recycling in **Connecticut** today is **\$1.16B**



Investing in the capture and recovery of additional material has the **potential to create more than 1,000 more jobs** across the state

INFOGRAPHIC

Available for download on RecycleCT's website





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