



Introducing TREDTransit™

The economic impact calculator for transit

October 30, 2018

Agenda

- **Purpose and Background**
- **How TREDTransit Works**
- **Demonstration**
- **Get TREDTransit**
- **Questions and Answers**

Why TREDTransit?

- APTA Study & Guidance Document
- Economic Impact Calculator
- Free to APTA members
- Non-APTA member access

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Member of EBPO

ABOUT US ▾ OUR EXPERTISE ▾ SERVICES ▾ LIBRARY ▾

Economic evaluation & analysis services
to support planning & policy decision-making

Using New Data to Improve Transit Networks

Read more...

APTA AMERICAN PUBLIC TRANSPORTATION ASSOCIATION

The leading force in advancing public transportation

Home > Resource Library > All Topics

Economic Impact

Increased public transportation investment can lead to significant economic growth, as a consequence of both the short-term stimulus impact of public transportation on builders and a longer term, cumulative impact on economic productivity. The latter is enabled by increasing investment to improve our nation's inter-urban transportation system and sustaining the investment over time.

My Economic Impact Tool

APTA transit agency members can now access a powerful new tool for making the case for public transportation. The My Economic Impact tool uses your agency's budget data to calculate economic impact. The results from this tool will allow:

- Jobs, wages, sales, and value added supported by both agency operations and capital expenditures
- Understanding both direct and subsequent (multiplier) effects as agency activities ripple through the local economy
- Understanding the diverse occupational mix of jobs supported by agency operations and capital activities

Access the My Economic Impact Tool

TREDIS

Products ▾ Free Tools ▾ Resources ▾ About TREDIS ▾

Public Transit - bus, light rail, metro alternatives

Insights for Transportation and Economic Strategies

How is TREDTransit useful to Transit Agencies?

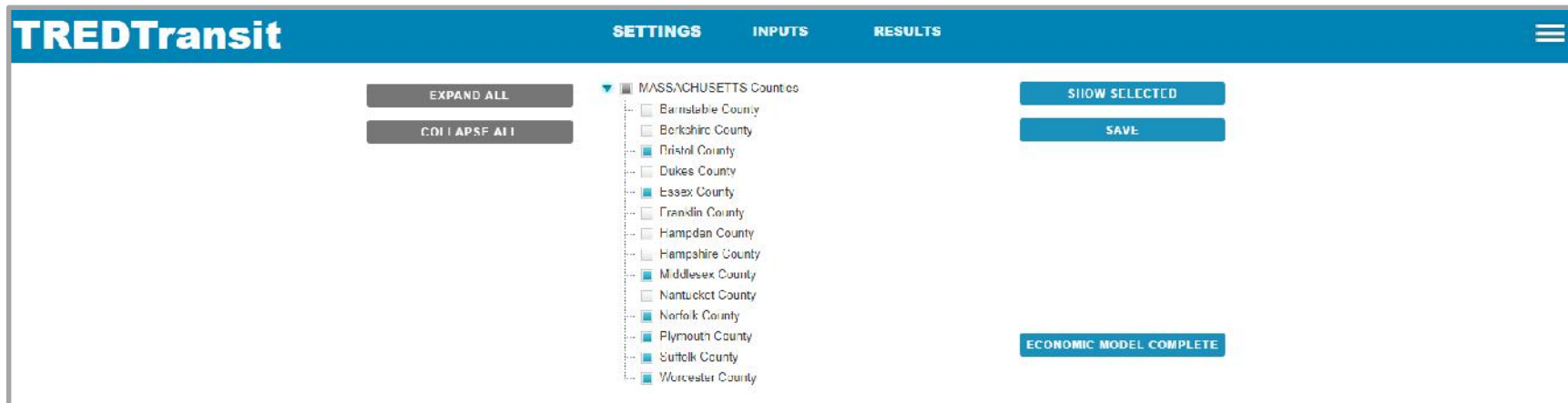
Results provided by TREDTransit

- Demonstrate economic contribution to community
- Build support for transit
- Assess strategic, planning & funding decisions

Designed to be simple and affordable, TREDTransit should not be considered a substitute for a comprehensive study of transportation system user benefits and broader economic development effects.

Simple User Interface

- **Settings** – Define study region & build model
- **Inputs** – Enter annual operating & capital budget
- **Results** – Calculate & view impacts



Source of Data for Using TREDTransit

Annual Operating Budget Amounts	Bus	BRT	Light Rail	Heavy Rail	Paratransit	Ferry	Other	Totals
Labor								
Number of staff on Payroll	2,524	144	1,322	2,377	0	0	63	6,430
Fraction living in local area (0.0 - 1.0)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	
Operators' salaries and wages (\$M)	102.98	4.47	30.24	30.39	0	0	1.87	170
Other salaries and wages (\$M)	30.54	4.19	53.9	124.39	1.12	0.05	2.44	267
Fringe Benefits (\$M)	127.66	6.02	56.52	107.56	0.78	0.04	3	304
Purchased Services								
Vehicle Operations (\$M)	1.17	0	0	93.57	68.48	7.57	0	171
Vehicle Maintenance (\$M)	0.57	0	0	53.64	5.09	0.45	0	100
Non-Vehicle Maintenance (\$M)	0.24	0	0	106.91	2.27	1.16	0	111
General Administration (\$M)	0.31	0	0	64.47	21.27	3.66	0	90
Non-Labor Expenses								
Fuel and Lubricants Expenditure (\$M)	20.95	1.08	0.13	38.06	0	0	0	60
Tires and tubes (\$M)	1.67	0.04	0	0	0	0	0.05	2
Other materials and supplies (\$M)	25.08	0.79	13.26	25.97	0.04	0.1	1.12	66
Other Administrative Costs								
Utilities (\$M)	10.87	1.3	10.2	25.34	0.19	0.07	0.39	48
Casualty and Liability Costs (\$M)	9.32	0.13	1.34	2.61	0.04	0.01	0.06	14
Taxes (\$M)	0	0	0	0	0	0	0	0
Services (Outside Support, \$M)	29.44	2.19	7.2	40.68	2.7	0.28	0.77	93
Other Admin (\$M)	1.81	0.1	1.24	3.24	0.01	0.02	0.03	6

- Inputs for TREDTransit calculator reflect National Transit Database (NTD) format
- Use NTD data or your in-house budget
- Shown as two tabs: Annual Operating Budget and Annual Capital Projects

Annual Operating Costs

Labor

Purchased
Services

Non-Labor
Expenses

Other
Administrative
Costs

Annual Capital Costs

Construction

Vehicles

Other Equipment
Purchases

Soft Costs

Right of Way

Economic Impacts

Economic Impacts of Investments

Business Sales (Output)



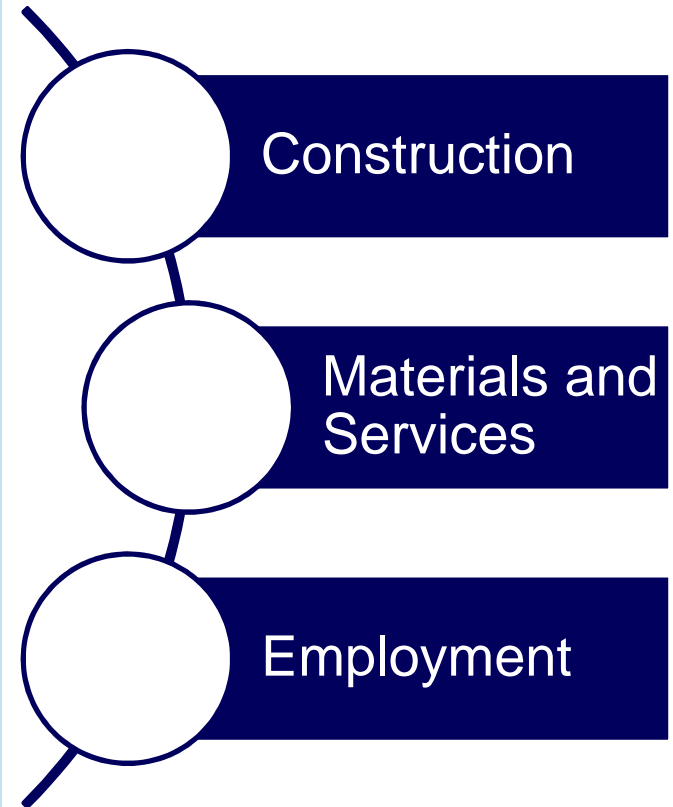
**Profits &
Taxes**

**Labor
Income**

**Cost of
Purchased
Goods and
Services**

**Value
Added**

Jobs



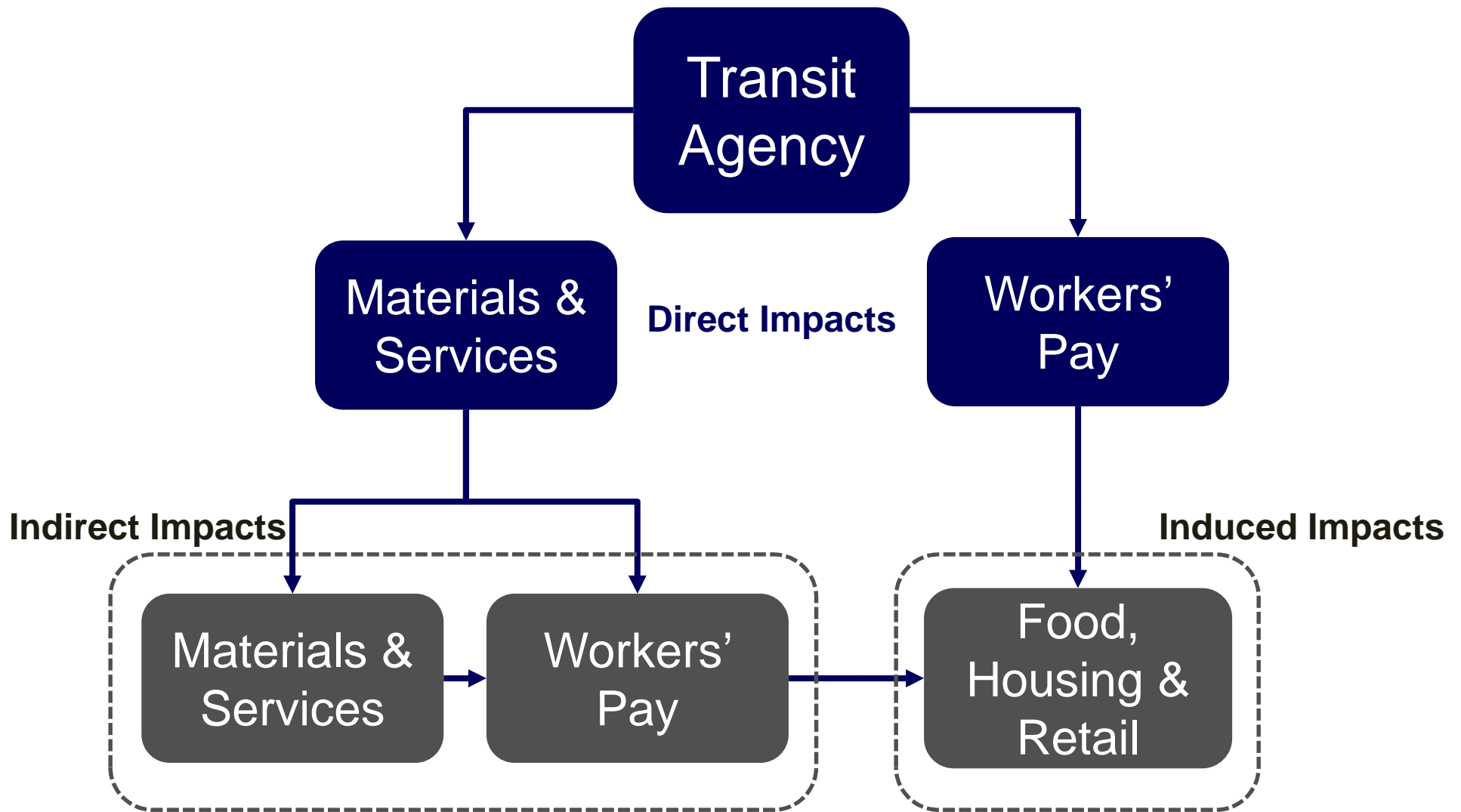
Construction

**Materials and
Services**

Employment

Icons created by Wilson Joseph for the Noun Project

Direct, Indirect & Induced Impacts



Live Demonstration

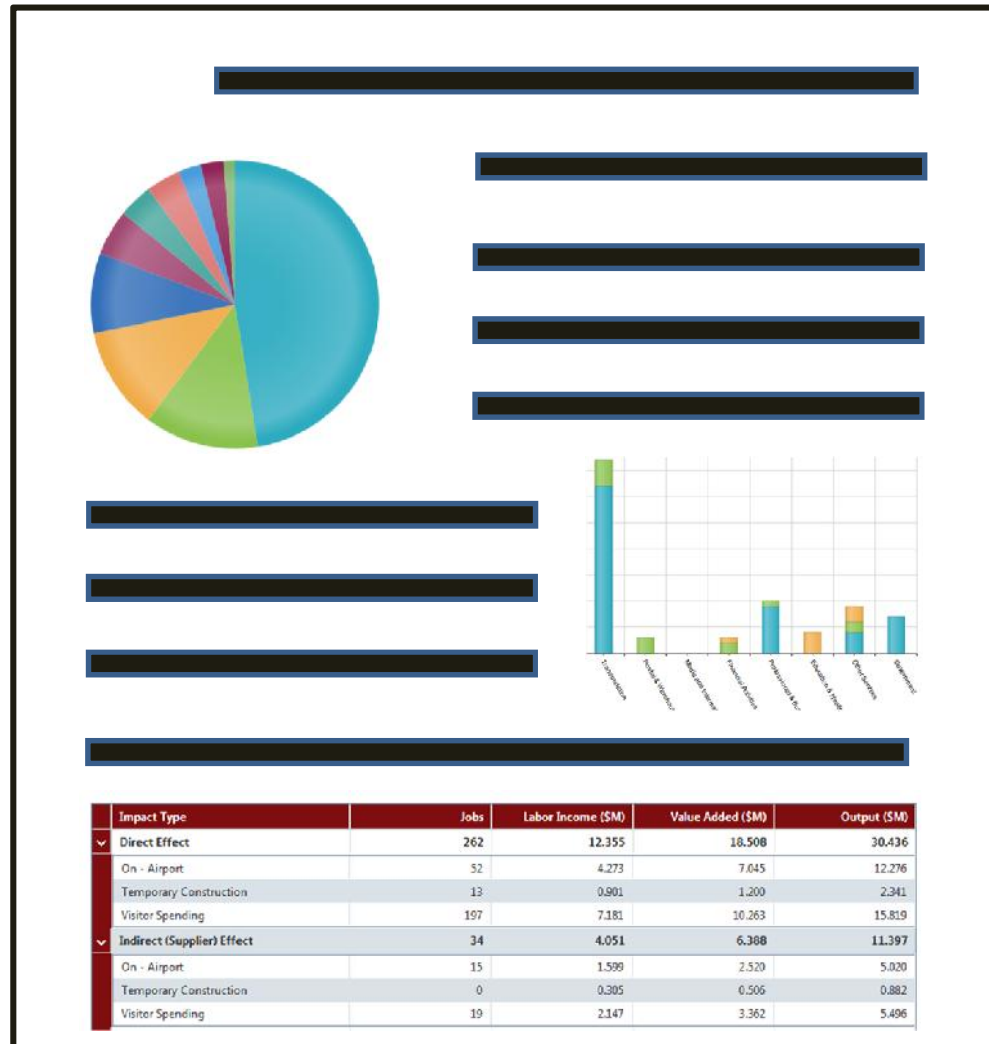
Summary

Results provided by TREDTransit

Allow transit agencies to understand and communicate the impacts of transit spending in the region.

- Differentiates between impacts of O&M and capital
- Shows job impacts across sectors and occupations
- Shows how impacts flow through the economy

Communicating Economic Value of Transit



TREDIS vs. TREDTransit

TREDIS Capabilities

- Adjust Industry Production: Jobs & Labor Income
- More Industry Detail – 536 sectors
- Estimates over time and forecasts into the future
- Access to TREDIS suite of reports (Occupation, Taxes, Benefit-Cost, etc.)

How to get TREDTransit?

**FREE to APTA members
or available to purchase!**

The screenshot shows the APTA website's navigation menu on the left and the 'Hot Topics' section on the right. The 'Hot Topics' section lists several categories, with 'Economic Impact' circled in red. The categories listed are: Conservative Pro-Transit Arguments, Demographic Shifts, Economic Impact, High-Speed Rail, LGBT Initiative, Mobility Management, Positive Train Control (PTC), Public Transportation is a Safer Way to T, Rural Areas, Shared-Use Mobility, Sustainability, Urban Circulators, Veteran and Military Family Resources, and Workforce Development.

The screenshot shows the APTA website's 'Economic Impact' page. The page features a header with the APTA logo and the tagline 'The leading force in advancing public transportation'. Below the header is a navigation menu with options like 'About APTA', 'Meetings & Conferences', 'Government Affairs & Policy', 'Resource Library', 'Passenger Transport', 'Media Center', and 'For Members'. The main content area is titled 'Economic Impact' and includes a sub-section 'My Economic Impact Tool'. A red circle highlights the text 'Access the My Economic Impact Tool' at the bottom of the page.

APTA Members:

Log into APTA.com

Go to Hot Topics / Economic Impact / My Economic Impact Tool

www.apta.com/resources/hottopics/Pages/economics.aspx

View Guidance Document

How to get TREDTransit?

TREDIS Products Free Tools Resources About TREDIS

TREDTransit Calculator

Analyze the economic contribution of your transit system

Register for the TREDTransit™ demonstration webinar. [Click here for more information.](#)

Developed by FDR Group in conjunction with the American Public Transportation Association (APTA), the TREDTransit™ Calculator simply and easily assesses the economic impacts of your transit agency's capital and operation budgets.

TREDTransit is designed using simple data entry of your agency's annual budget information that is compatible with what agencies provide to the National Transit Database (NTD) for annual reporting summaries.

Both tabular and graphic representations of your results are provided showing the economic impacts from your agency's expenditures, including exploration of the following perspectives:

- Jobs, wages, sales and value added directly supported by both agency operations and capital expenditures
- Understanding both direct and subsequent (multiplier) effects as agency activities ripple through the local economy
- Understanding the diverse occupational mix of jobs supported by agency operations and capital activities

How to get TREDTransit?

Are you an APTA member? APTA members may use the tool at no additional cost by registering ([click here](#)). Also available to APTA members is a free guidebook on how to communicate economic impacts to a wider audience. The guide is available by [clicking here](#).

The TREDTransit Calculator is now available to non-APTA members such as private operators, consultants, or other government agencies as an annual subscription service. Contact us for more information: sales@tredis.com.

Related Links

- Overview
- Datasheets
- Technical Documents
- Webinars
- FAQs
- Knowledge Base

Not an APTA Member?

More information and links posted at www.tredis.com/products/tredtransit

Register for 30-Day TREDTransit Trial

Contact us for a price quote at sales@tredis.com

TREDTransit 30-Day Free Trial

TREDIS®

Products

Free Tools

Resources

About TREDIS

TREDIS - Free Options

CHOOSE ONE OF THE FREE TREDIS OPTIONS YOU WOULD LIKE TO TRY:

- **Multimodal Benefit-Cost Analysis Tool**
Free one year, renewable subscription to the Multimodal Benefit-Cost Analysis tool (MBCA) of TREDIS. Provides capability to support grant applications. Does not include Economic Impact Analysis. [\(click here for more information on MBCA\)](#)
- **30-Day TREDTransit Trial**
Free 30-day trial of the TREDTransit Calculator allows you to simply and easily assess the economic impacts of your transit agency's capital and operation budgets for hypothetical geographic area. [\(click here for information on TREDTransit\)](#)
- **30-Day TREDAir Trial**
Free 30-day trial of the TREDAir Calculator, a simple and cost-effective way to estimate the economic contribution of small airports. Estimate basic economic impacts of an airport, based on regional averages of jobs, labor income, and output for a hypothetical geographic area. [\(click here for information on TREDAir\)](#)
- **30-Day TREDIS Trial**
Free 30-day trial of the full Transportation Economics Suite for a hypothetical geographic area, allowing you to try all TREDIS components, including Economic Impact Analysis (with regional profiles and forecasts), Financial (Cash Flow) Analysis, Fiscal Impact Analysis, Freight Flow Analysis and Benefit-Cost Analysis. [\(click here for information on the full TREDIS Economics Suite\)](#)

Try it for FREE! Register at www.tredis.com/trial



Questions?

Links

- **APTA Literature Review Report**
www.nap.edu/download/24768
- **Join APTA**
www.apta.com/about/joinapta
- **Access “My Economic Impact Tool”**
www.apta.com/resources/hottopics/Pages/economics.aspx
- **APTA Guide**
www.apta.com/resources/reportsandpublications/Documents/APTA-My-Economic-Impact-Tool-How-to-Use-It.pdf
- **TREDTransit 30-Day Free Trial**
www.tredis.com/trial

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