



Vermont Freight Plan Update

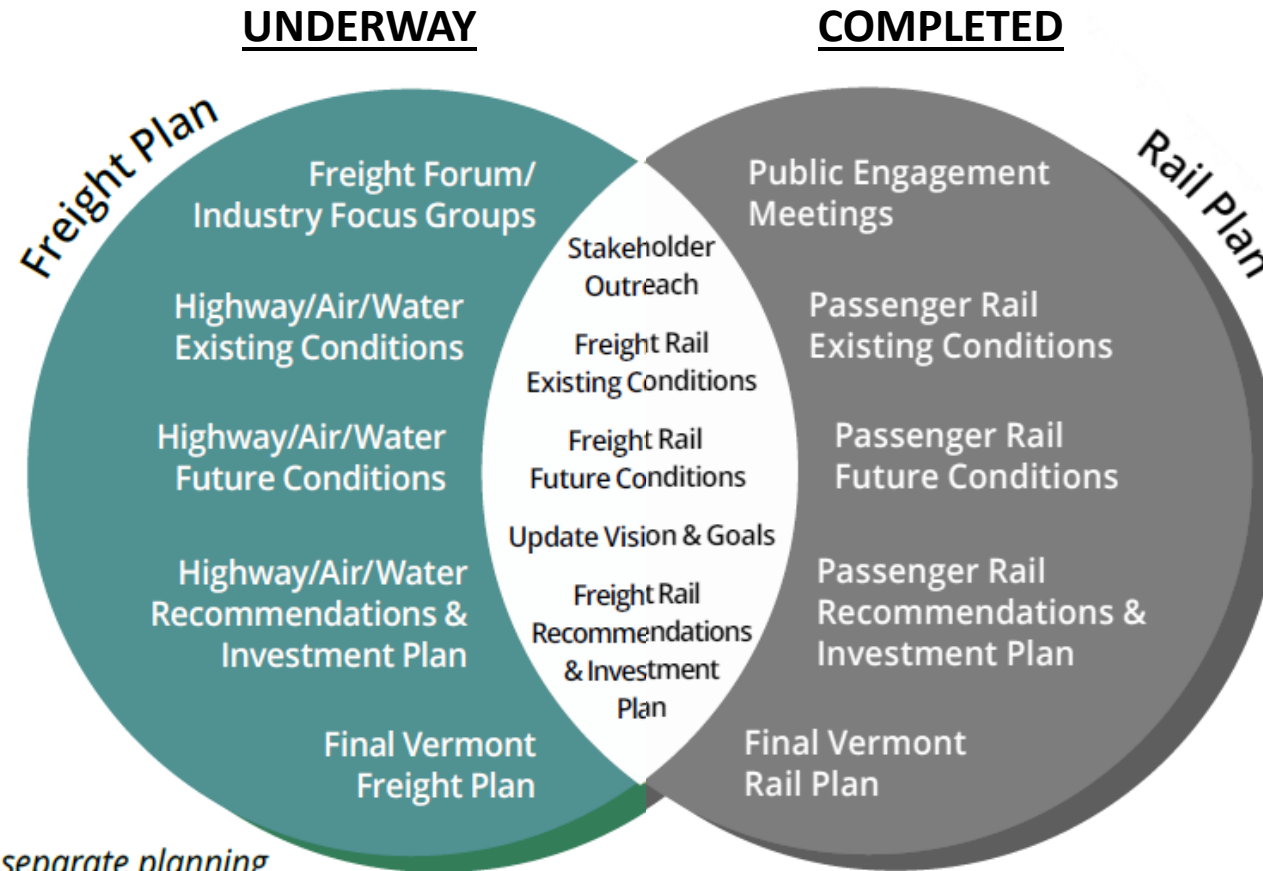
Addison County Regional Planning Transportation Advisory Committee
May 19, 2021

Vermont Freight Plan Background



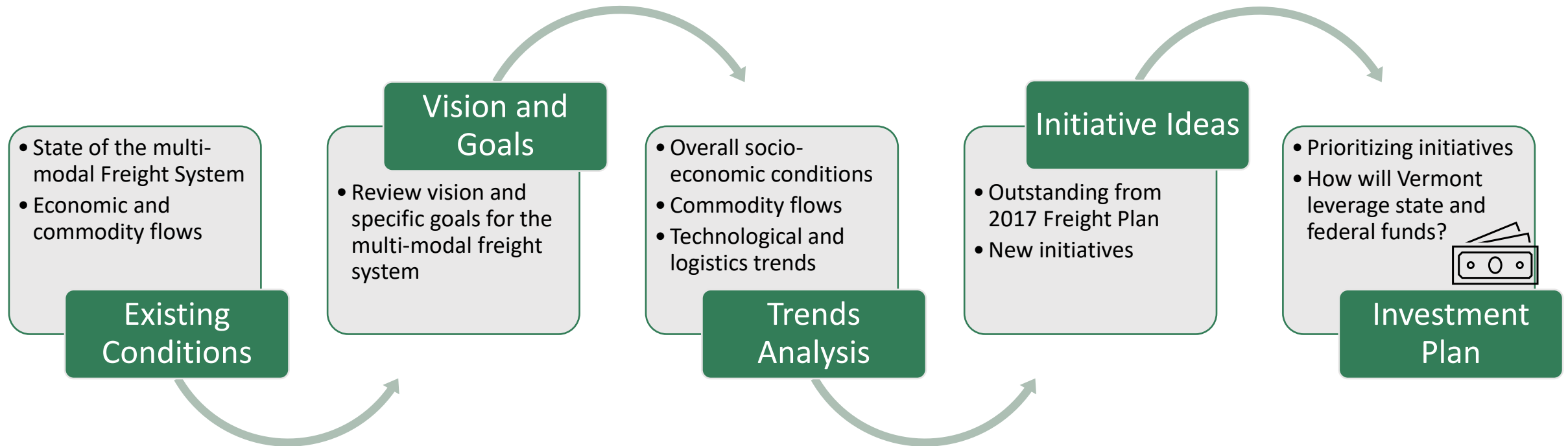
- Good planning and follow-through makes for an efficient freight system for Vermont
- FHWA requires a State Freight Plan every five years in order to obligate Freight Formula funds
- State Freight Plans must include:
 - Freight trends, needs, and issues
 - Freight policies, strategies and performance measures
 - How innovative technologies are being considered
 - Congestion, delay, mobility, and deterioration issues (if applicable);
 - Freight Investment Plan;
 - Engage stakeholders and Freight Plan Advisory Committee

Rail Plan & Freight Plan Overlaps



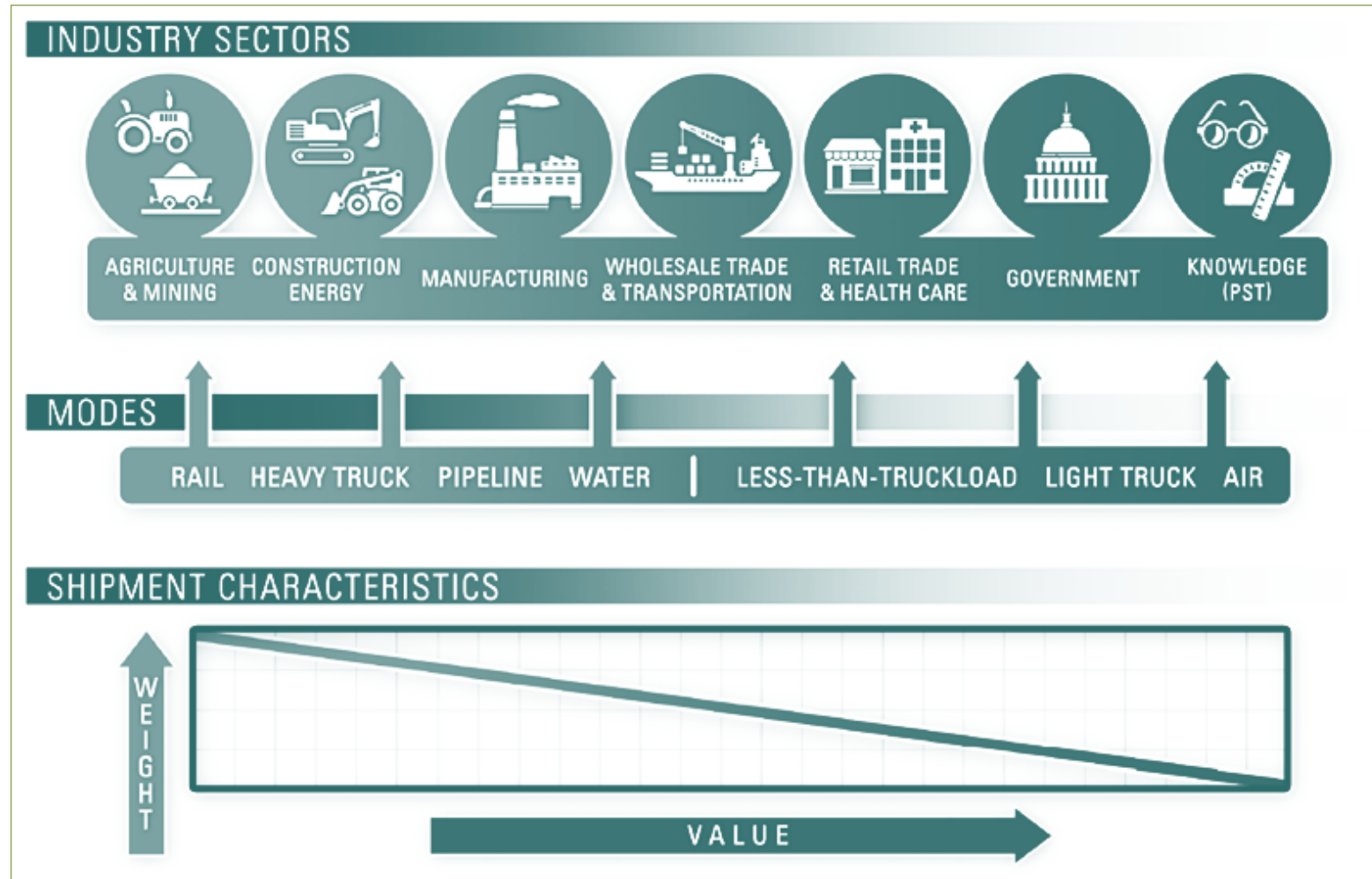
Although two separate planning efforts, the Freight and Rail Plans share common tasks and work products.

Freight Plan Elements



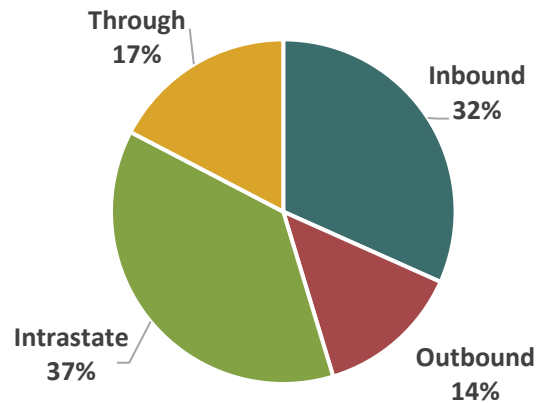
Initiatives can be projects, but also new computer systems, signal updates, improved coordination, etc. that increase efficiency. These operational and policy initiatives are particularly important given limited funding.

Common Freight Modes by Industry Sector



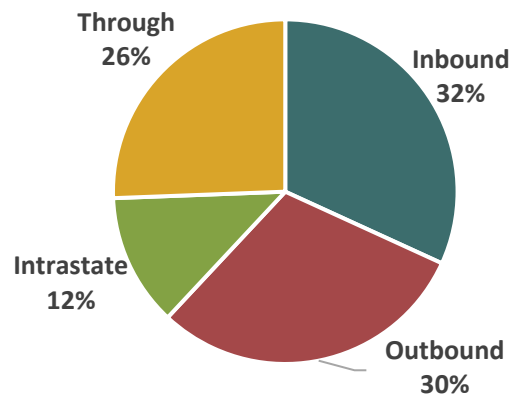
Flows by Direction & Mode (Tons & Value)

2018 Tons by Direction
Total = 47 Million Tons



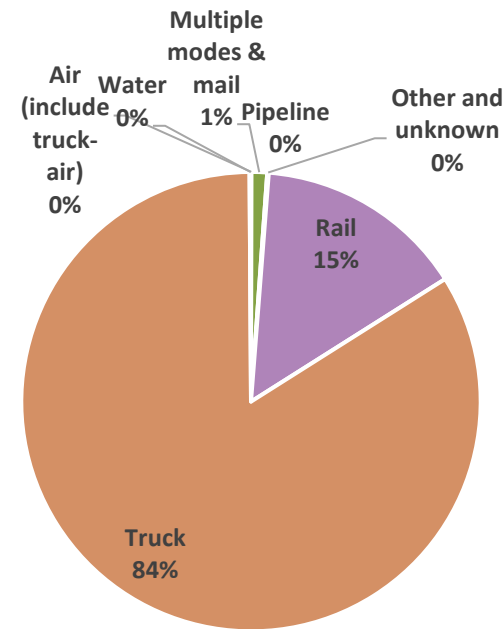
By 2045:
79 million tons,
68% increase

2018 Value by Direction
Total = \$71 billion

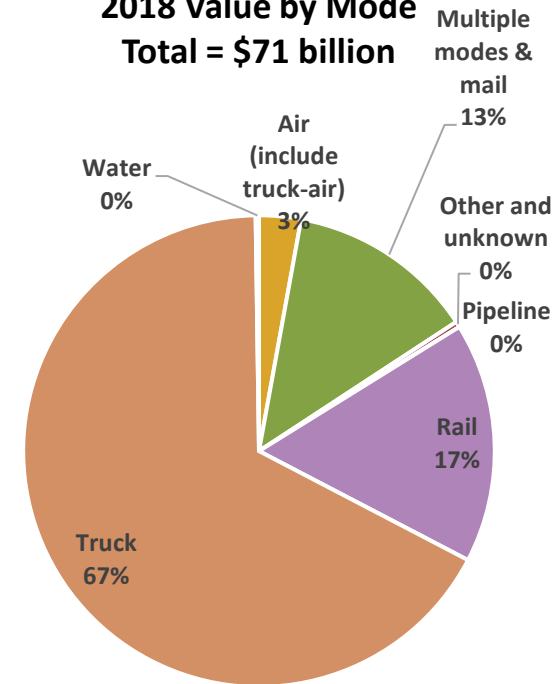


By 2045:
\$135 billion,
90% increase

2018 Tons by Mode
Total = 47 Million Tons

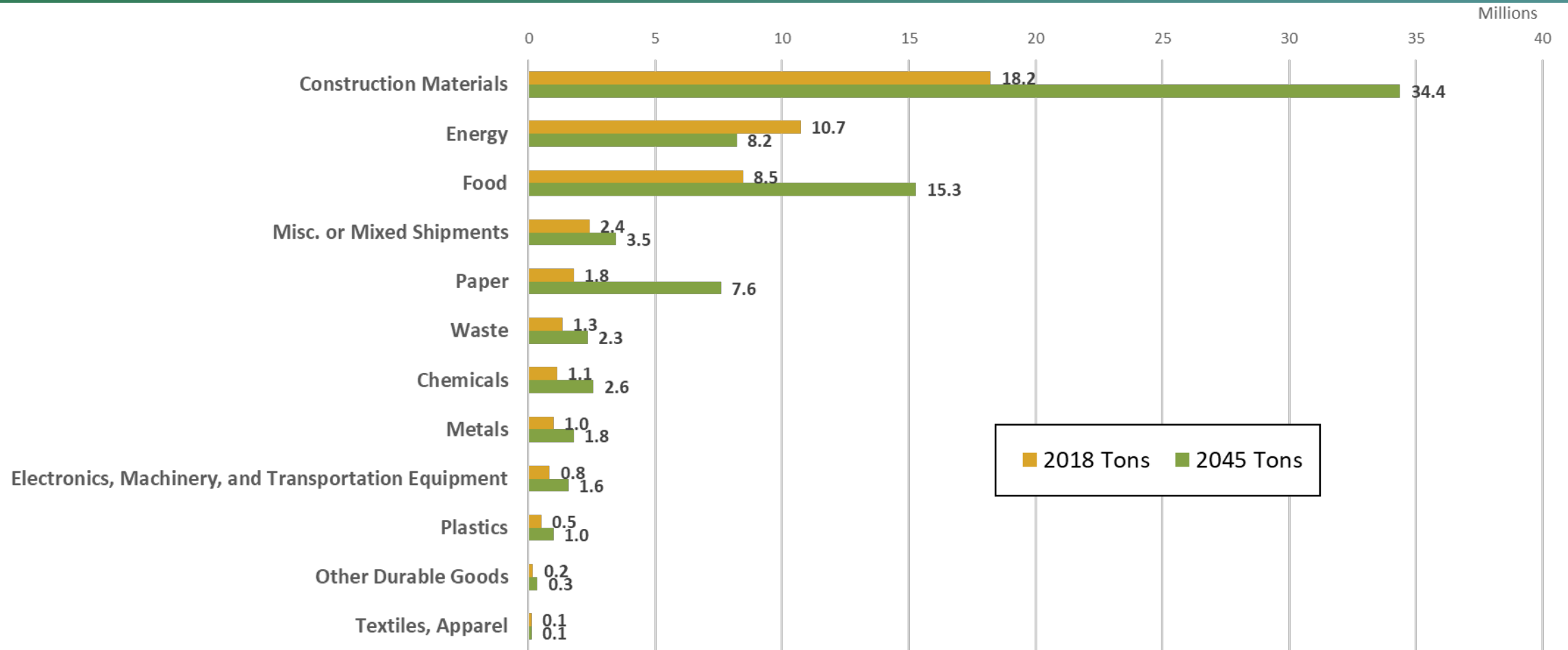


2018 Value by Mode
Total = \$71 billion



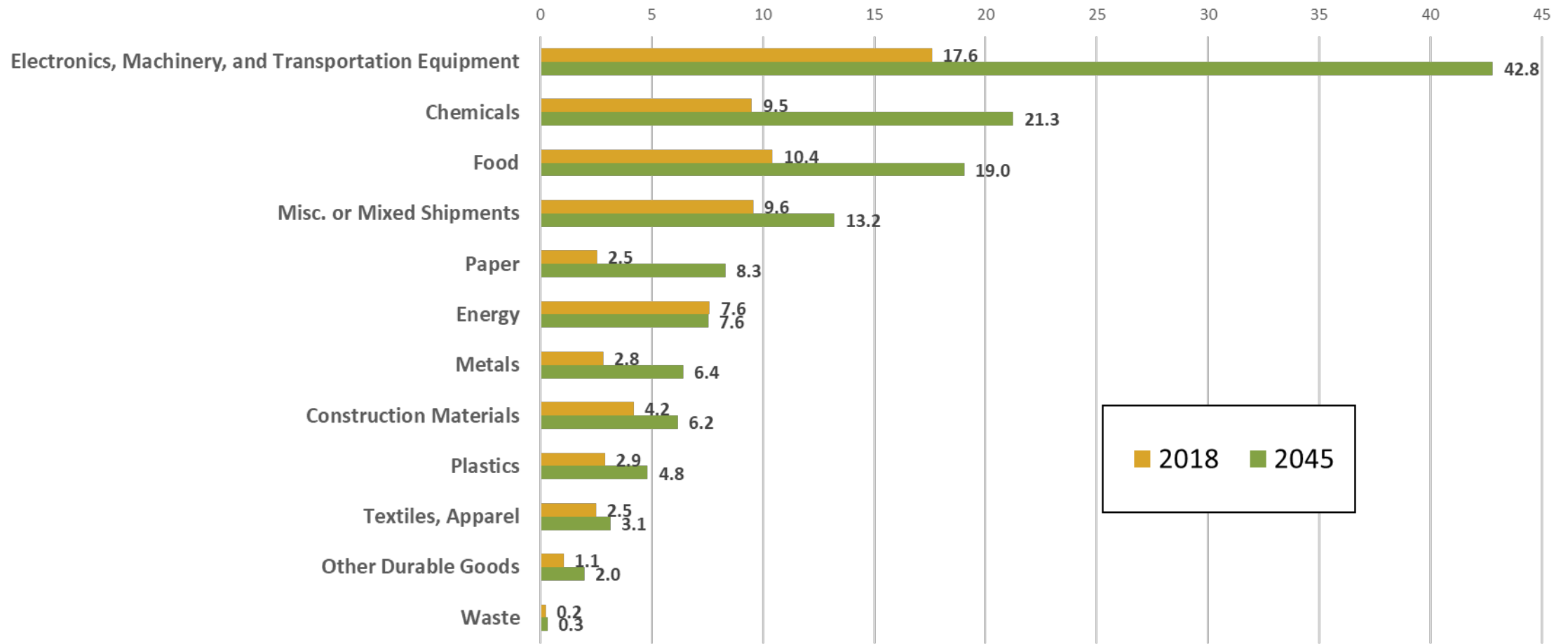
Source: Freight Analysis Framework v4

Commodities by Weight (Million Tons)



Source: USDOT Freight Analysis Framework v4, STB Waybill, analysis by Cambridge Systematics, 2020

Commodities by Value (2018 Billions)

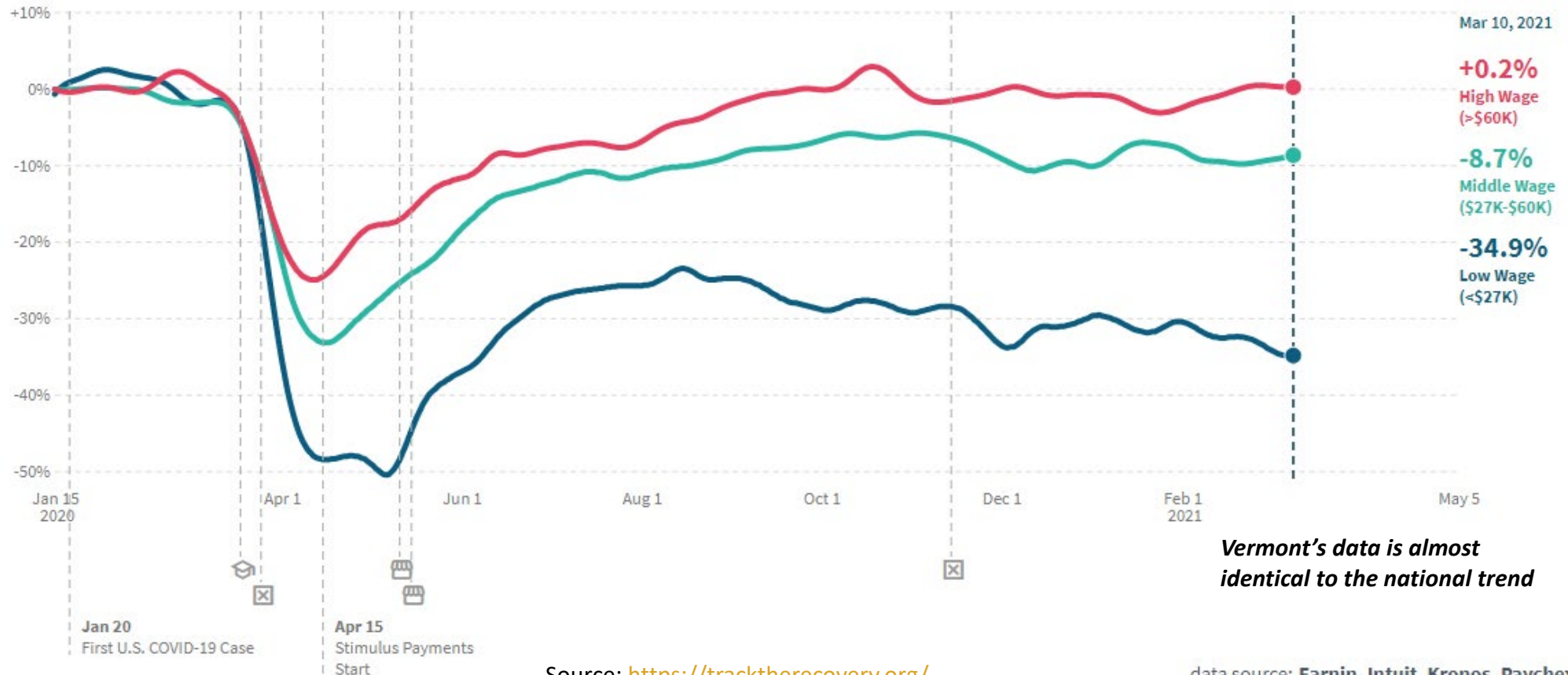


Source: USDOT Freight Analysis Framework v4, STB Waybill, analysis by Cambridge Systematics, 2020

Economic Recovery from Pandemic

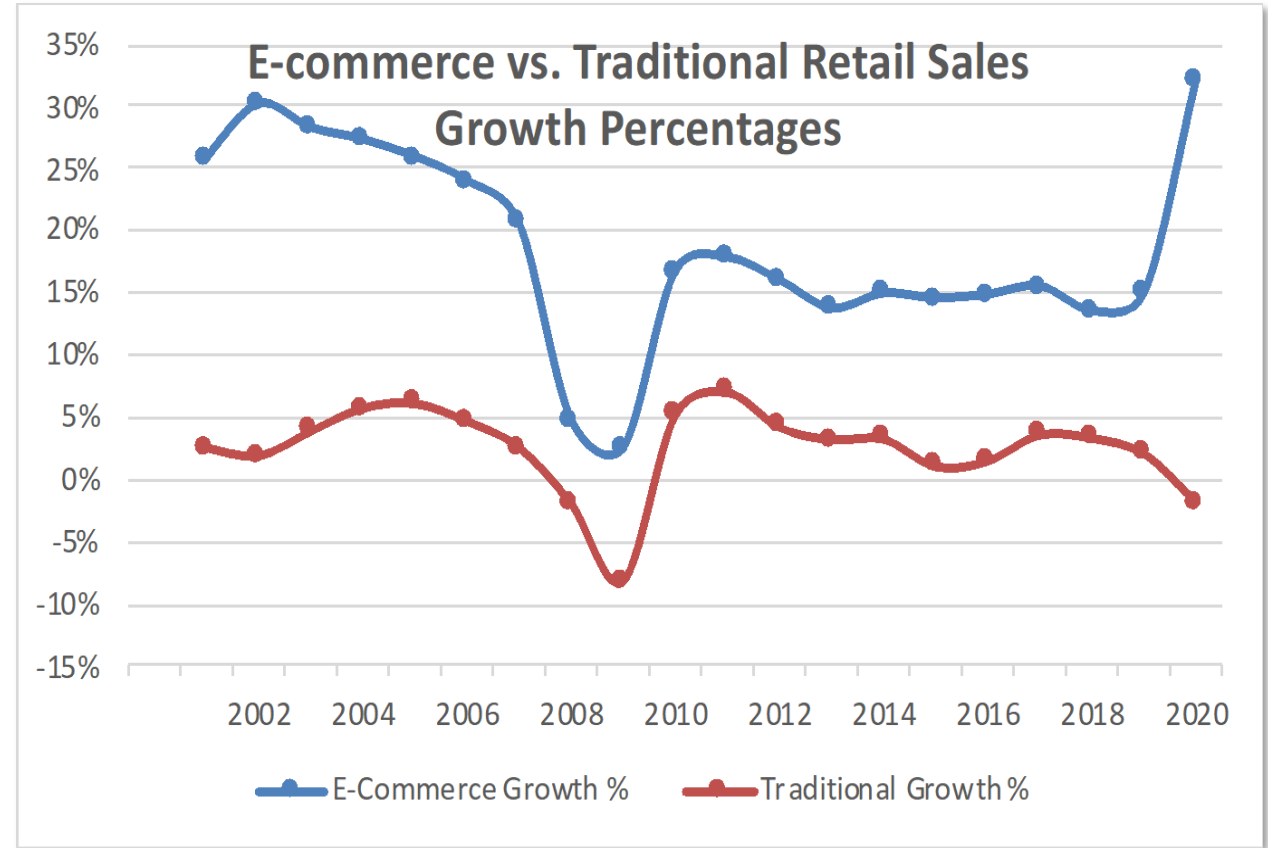


Percent Change in Vermont Employment by Wage Cohort, January 15, 2020 through March 10, 2021



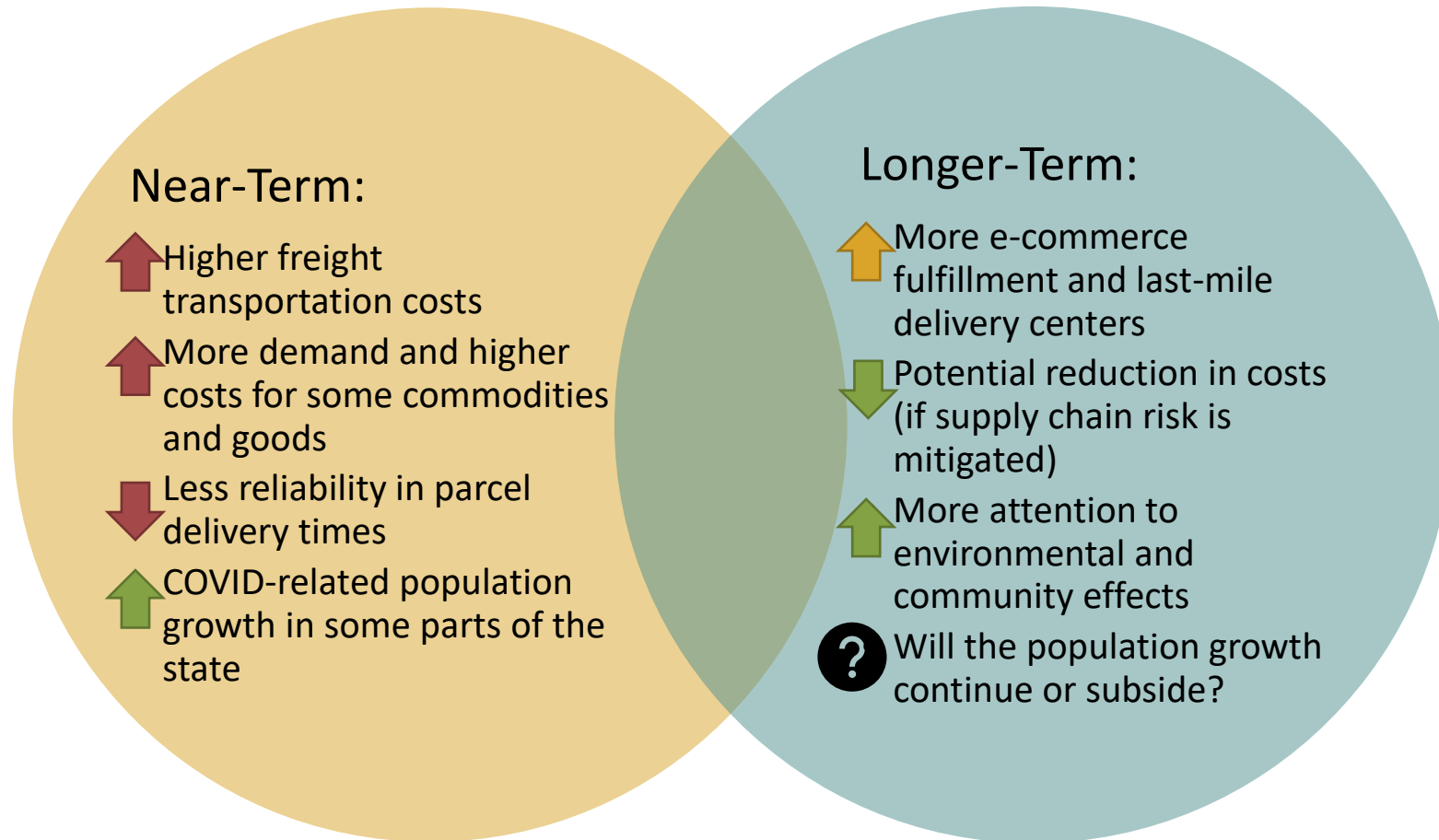
Other Pandemic Effects

- Freight traffic volumes are up
- E-Commerce soaring
- Stress on consumer product supply chains and parcel delivery

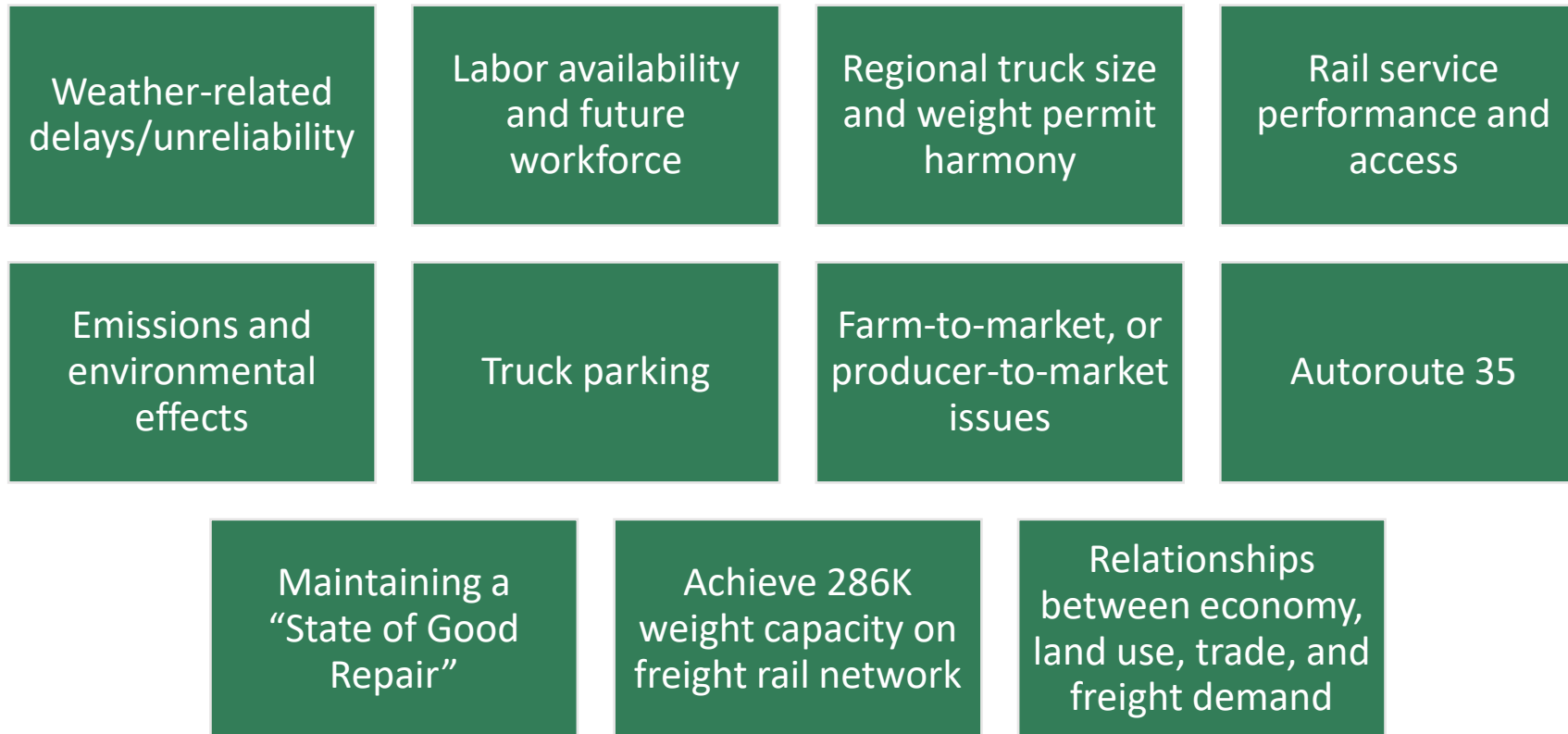


Source: U.S. Census Bureau

What does this mean for Vermont?



Freight Needs and Issues

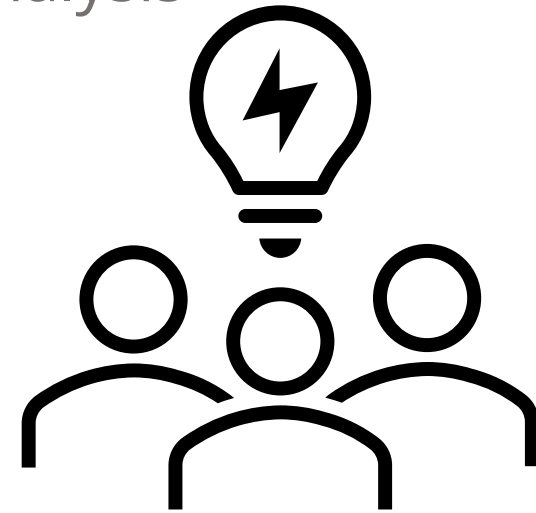


Your Turn!

- What do you think would support freight movement in the short- and long-term in Vermont?

Not starting from scratch

- 2017 Freight Plan and new Rail Plan
- Data Analysis





Additional Information on Web Page


- Newsletters
- Data Trends Summaries
- Technical memoranda (TM1 Existing Conditions and TM2 Commodity Flow)
- Meeting presentations
- Online map with information and feedback tool

Freight Plan Web Page:

<https://vtrans.vermont.gov/planning/freight>

Online Map Tool

- Includes freight system geodata
- Allows visitors to report issues or share ideas
- Collected lots of feedback for the Rail Plan update and remains open for the Freight Plan Update



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About

Update of the Vermont Freight Plan


Add New Idea / Issue

Initiatives List

View Comments

Freight and Rail Update Survey

Share your feedback!

See existing conditions using the layers button  on the top left of the map. Add a note, including the location, and drop a pin on the map below (optional). You may also upload a photo to illustrate your input. If you have a general comment or question about the planning process, scroll down.

What is the issue or idea?

(e.g. an issue with a section of rail line or rail crossing, road segment, bridge or intersection, or a more general freight issue such as on-time delivery, ability to obtain inputs to production, or challenges shipping your products)


Is this a location specific issue? Please describe the route or location:

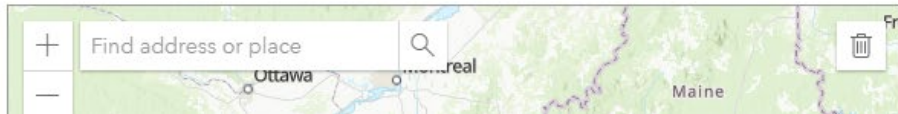
(e.g. a rail facility, congestion on a section of highway, an or an intermodal/transload site)

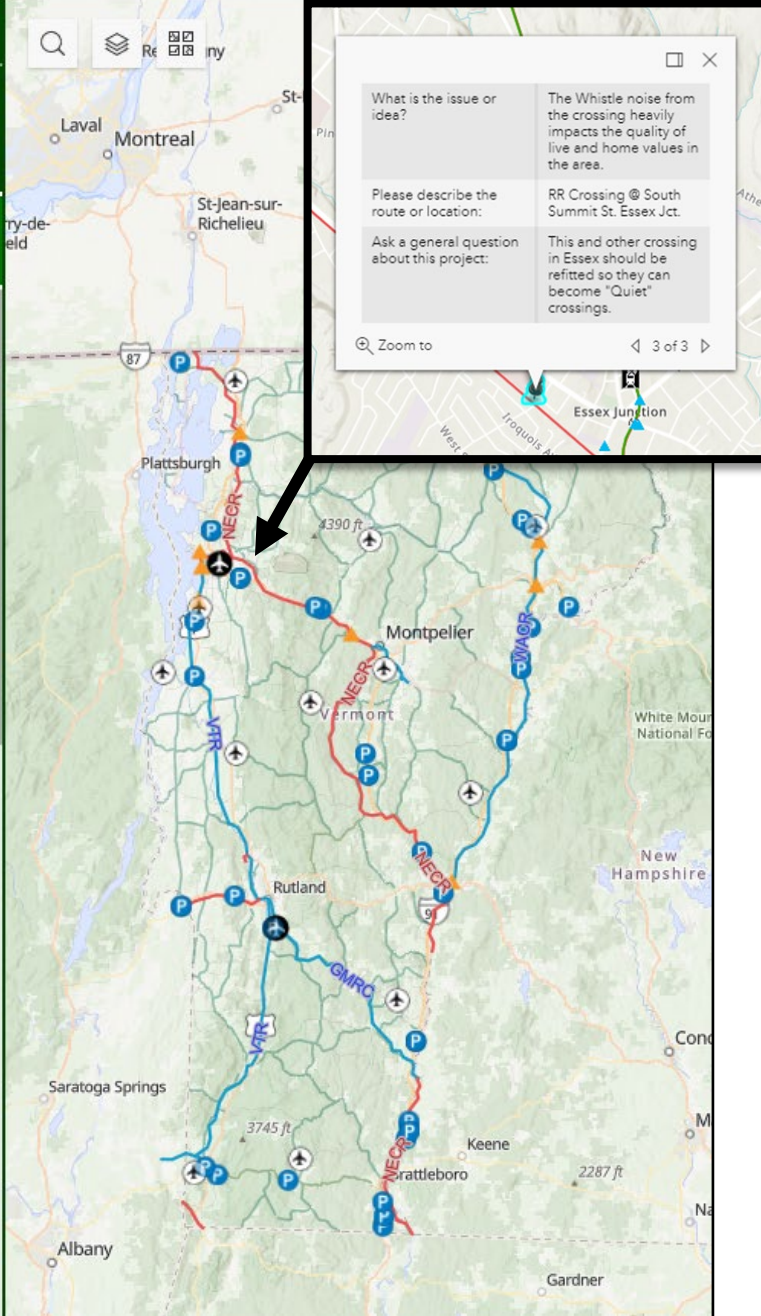
Mark it on the map:

+

Find address or place







What is the issue or idea?

The Whistle noise from the crossing heavily impacts the quality of live and home values in the area.

Please describe the route or location:

RR Crossing @ South Summit St. Essex Jct.

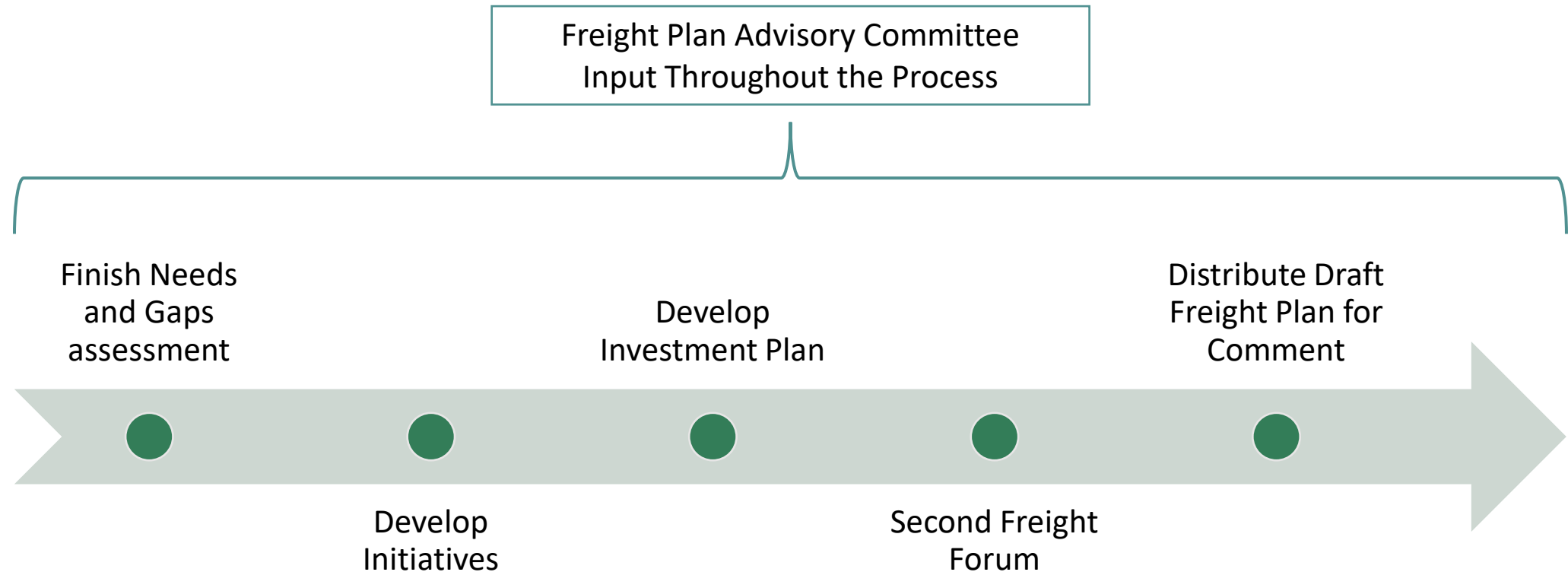
Ask a general question about this project:

This and other crossing in Essex should be refitted so they can become "Quiet" crossings.

Zoom to

3 of 3

Next Steps



Thank You

For more information on the Vermont Freight Plan Update, visit vtrans.vermont.gov/planning/freight or contact Dave Pelletier at Dave.Pelletier@vermont.gov or (802) 595-9675.

For more information on the Vermont Rail Plan Update, visit vtrans.vermont.gov/rail/reports or contact Zoe Neaderland at Zoe.Neaderland@vermont.gov or (802) 793-2778.