

# Vermont Freight Plan



October 14, 2008

# Major Objectives

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1. **Develop a freight profile which describes and assesses freight movements and their associated supply chain.**
2. **Examine the adequacy of transportation infrastructure to accommodate current and future freight flows.**
3. **Identify current and emerging freight issues, trends, challenges and opportunities.**
4. **Develop performance measures to assess progress towards meeting freight goals.**



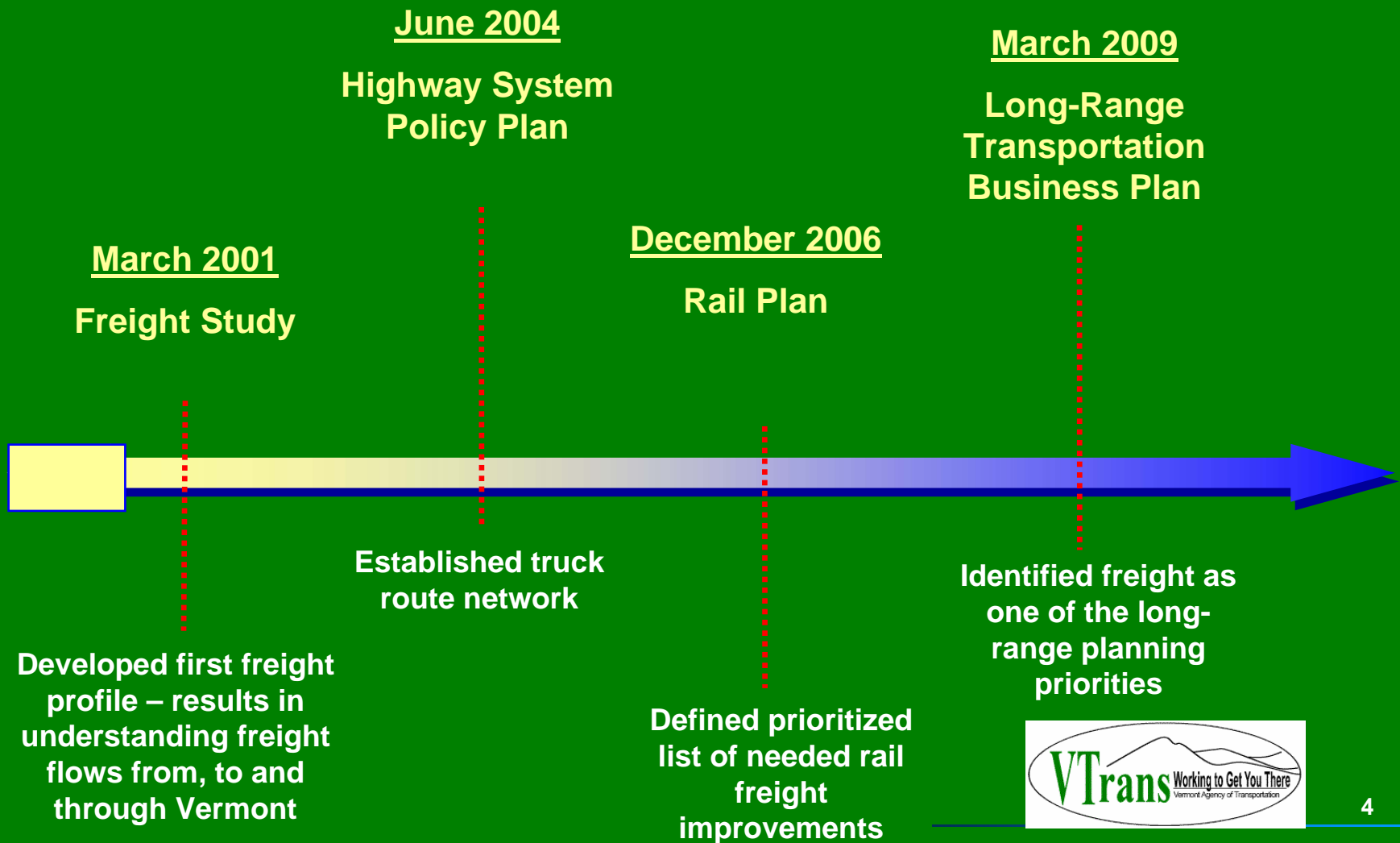
# Specific Issues

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1. How will major new railroad consolidations/partnerships affect regional rail freight movements?
2. How will major projects in neighboring states & provinces affect truck movements to and through Vermont (i.e. A-35 in Quebec).
3. What is the potential for truck-rail diversion throughout Vermont?



# Evolution of Freight Planning in Vermont



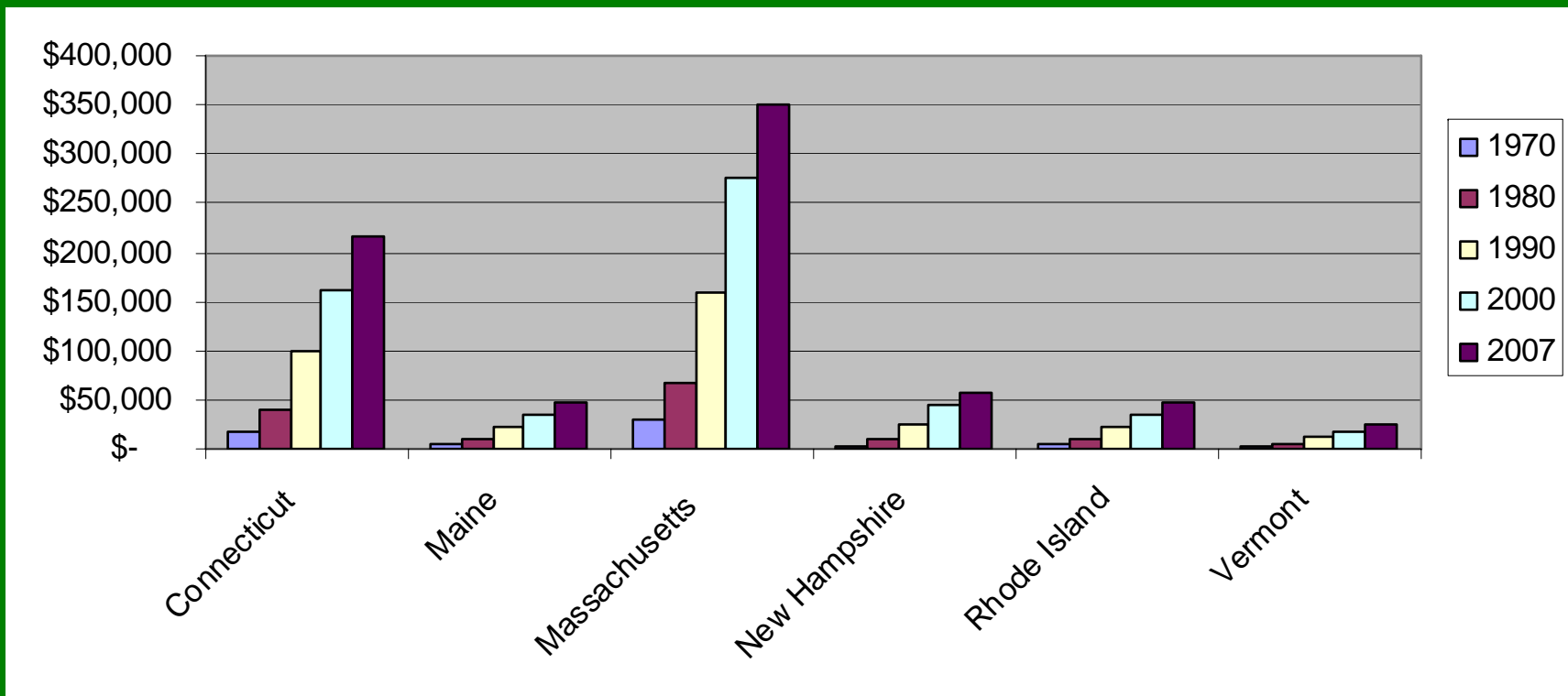
# How Vermont's Freight Plan Fits In With Other Planning Initiatives



# Vermont Freight Characteristics



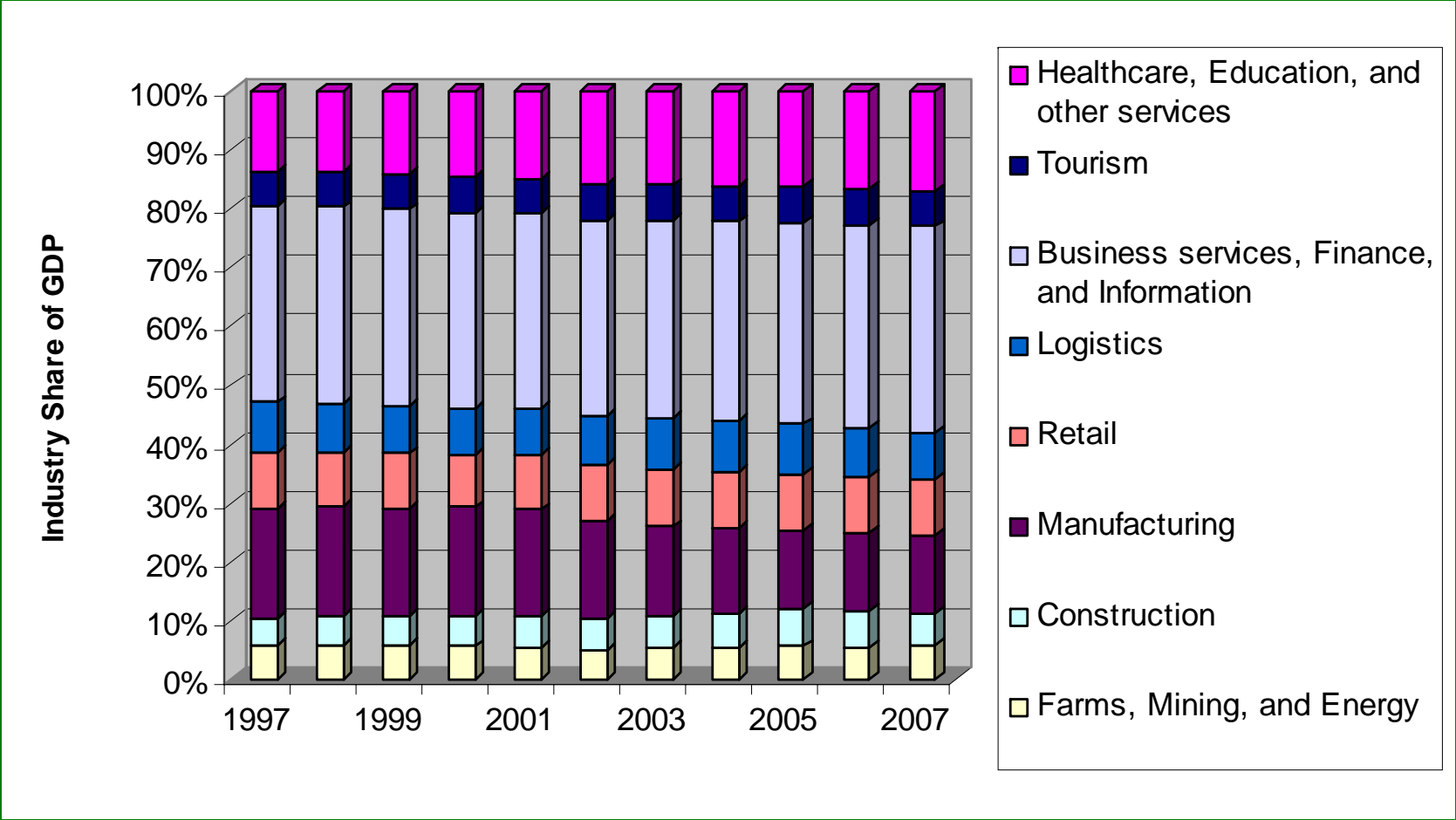
# Gross State Product, 1970-2007



Source: U.S. Bureau of Economic Analysis



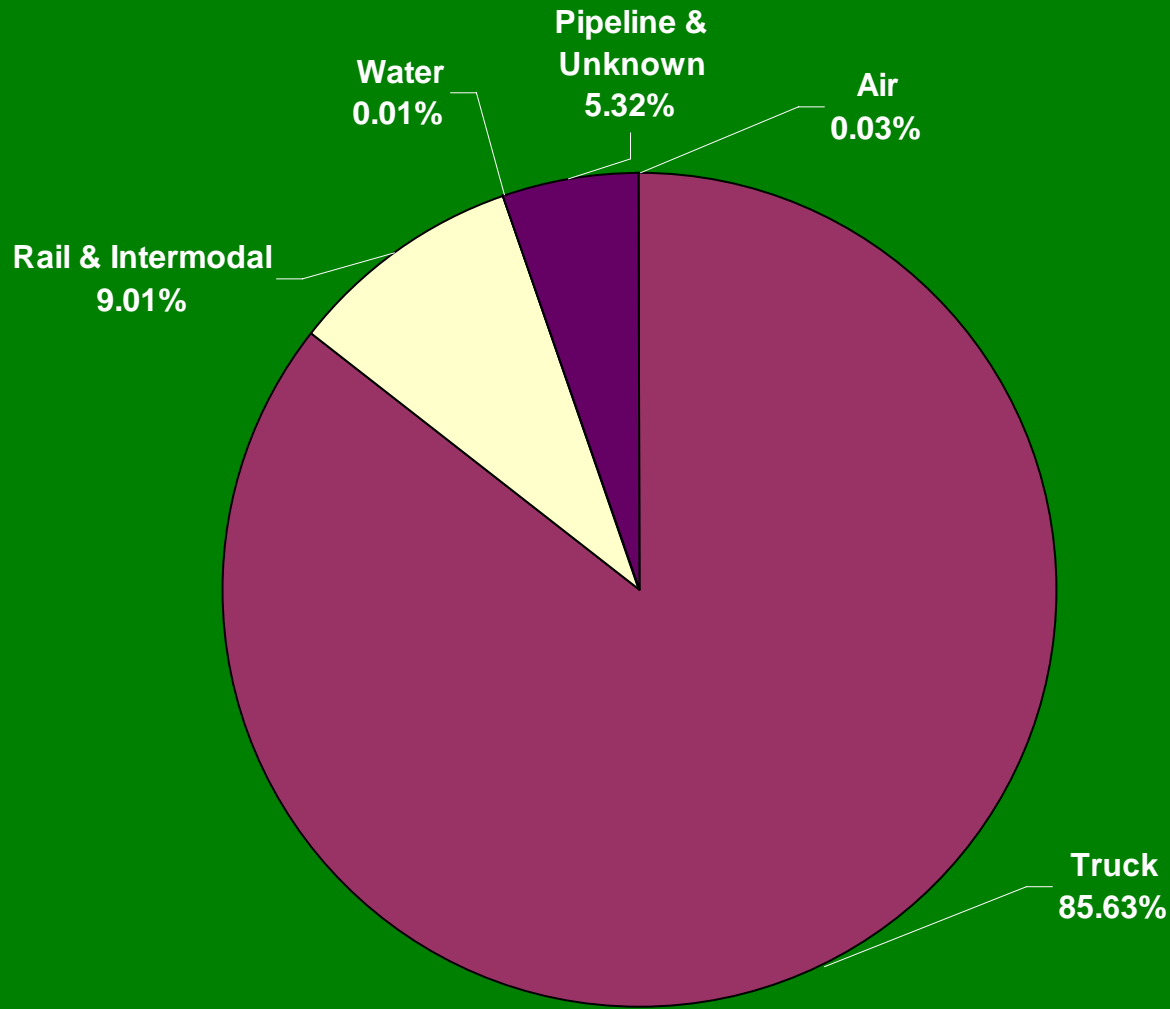
# Share of GSP by Industry, 1970-2007



Source: U.S. Bureau of Economic Analysis

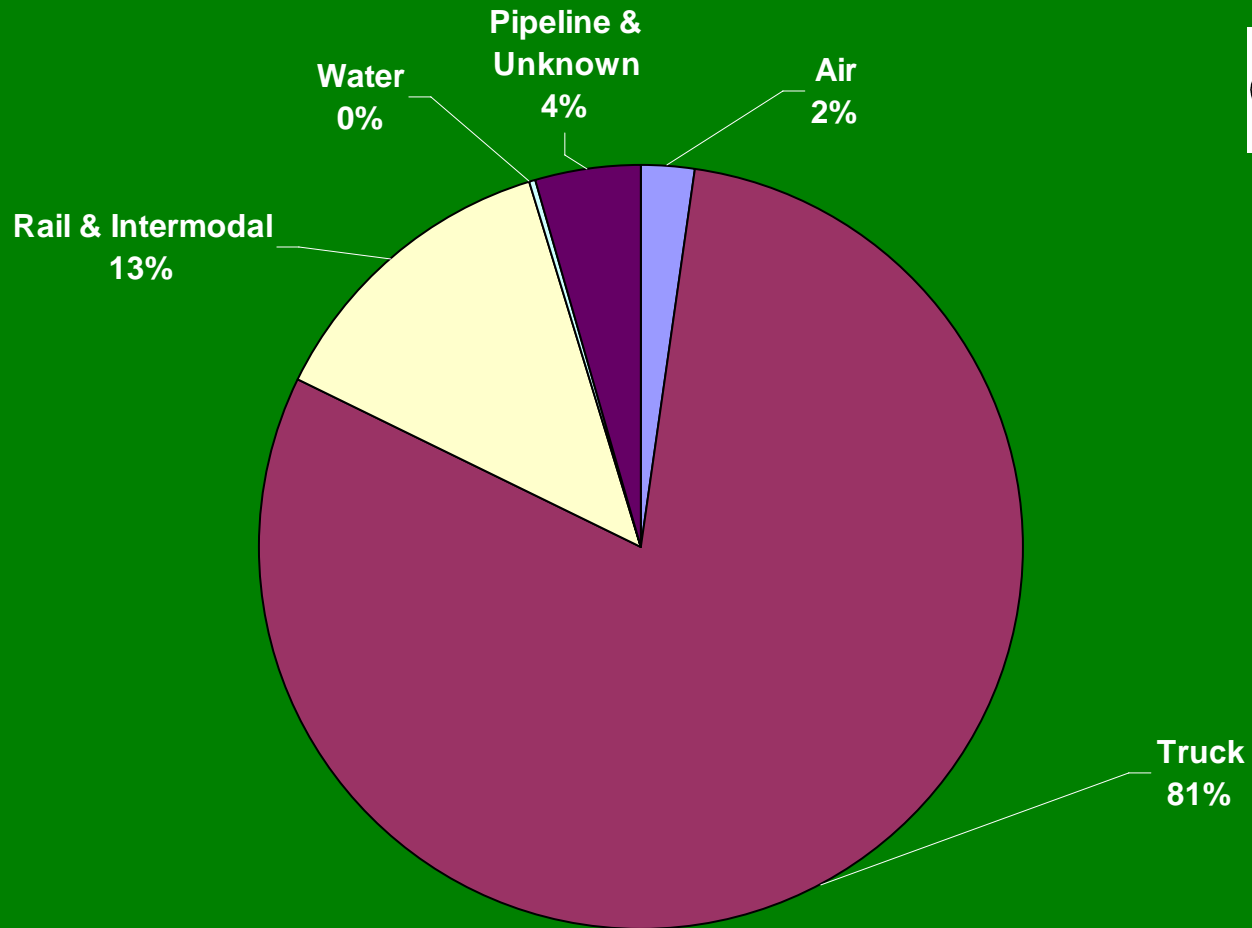


# Vermont Freight Flows – Tons by Mode, 2007



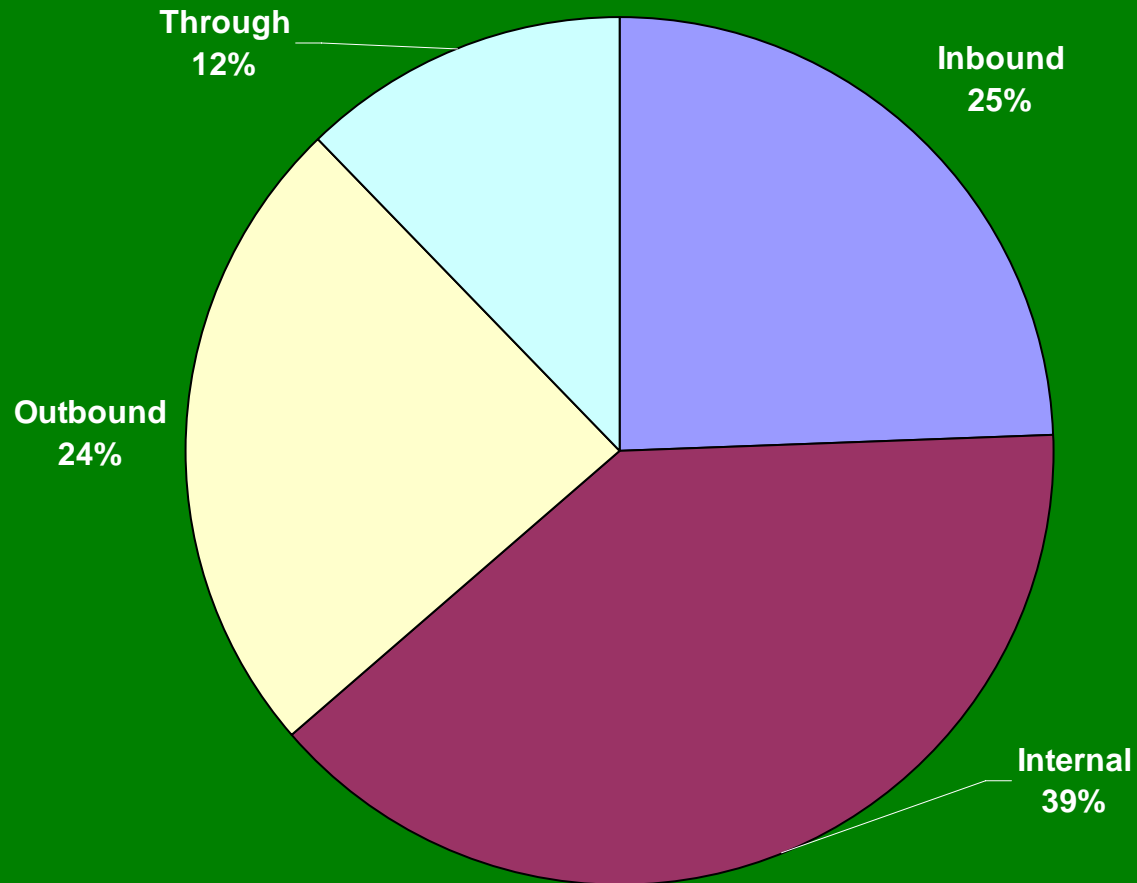
Source: FHWA FAF2 (2002, adjusted to 2007)

# Vermont Freight Flows – Dollars by Mode, 2007



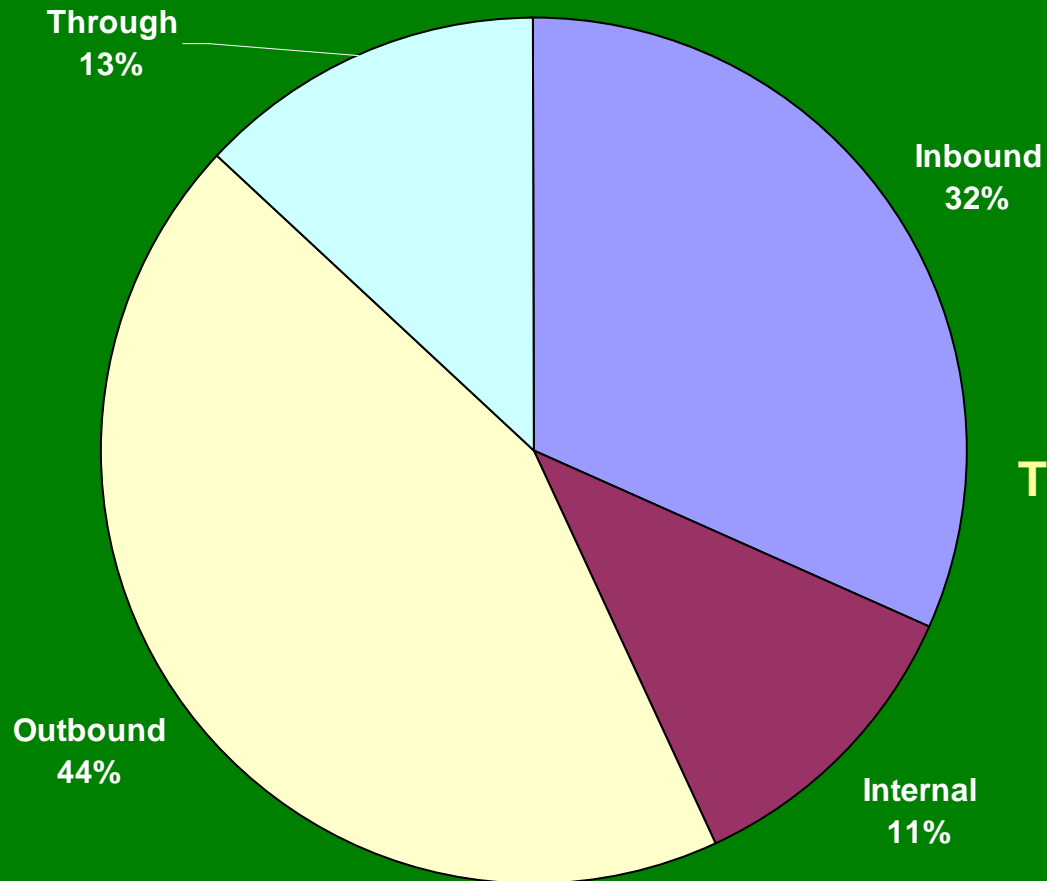
Source: FHWA FAF2 (2002, adjusted to 2007)

# Vermont Freight Flows – Tons by Direction, 2007



Source: FHWA FAF2 (2002, adjusted to 2007)

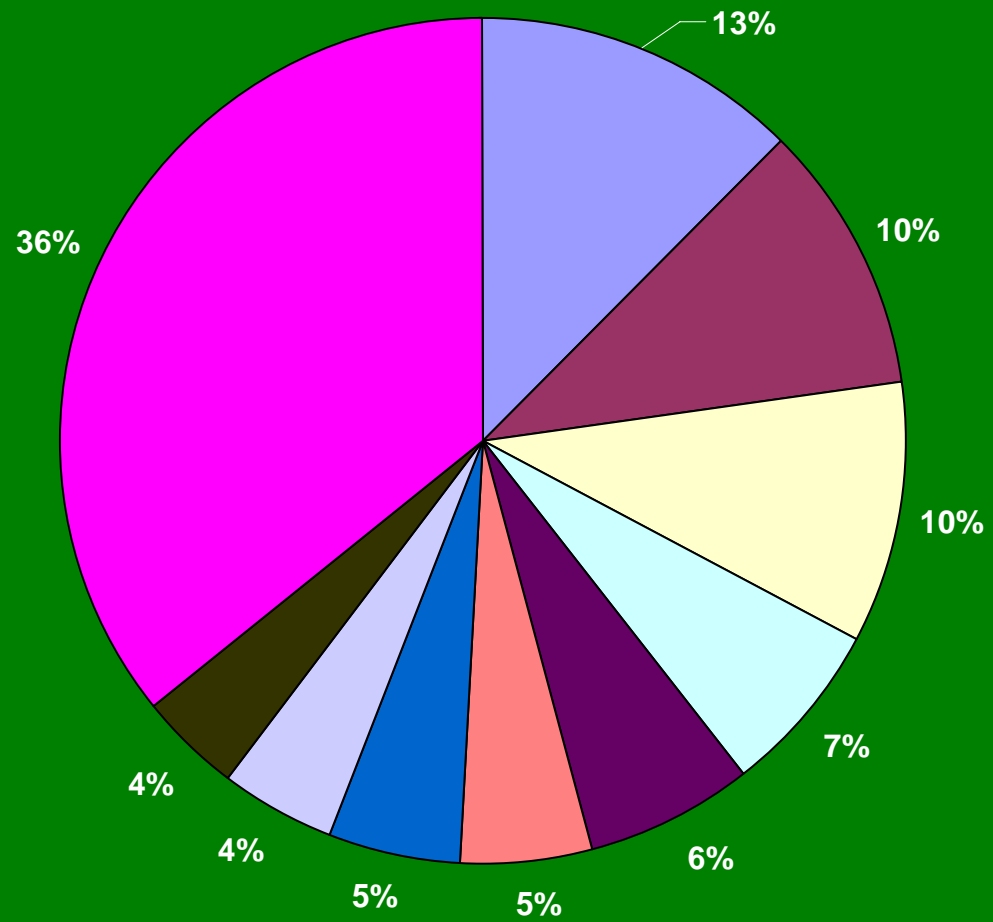
# Vermont Freight Flows – Dollars by Direction, 2007



**Total: \$43.2B Dollars**

Source: FHWA FAF2 (2002, adjusted to 2007)

# Inbound Truck Commodities by Tonnage, 2007

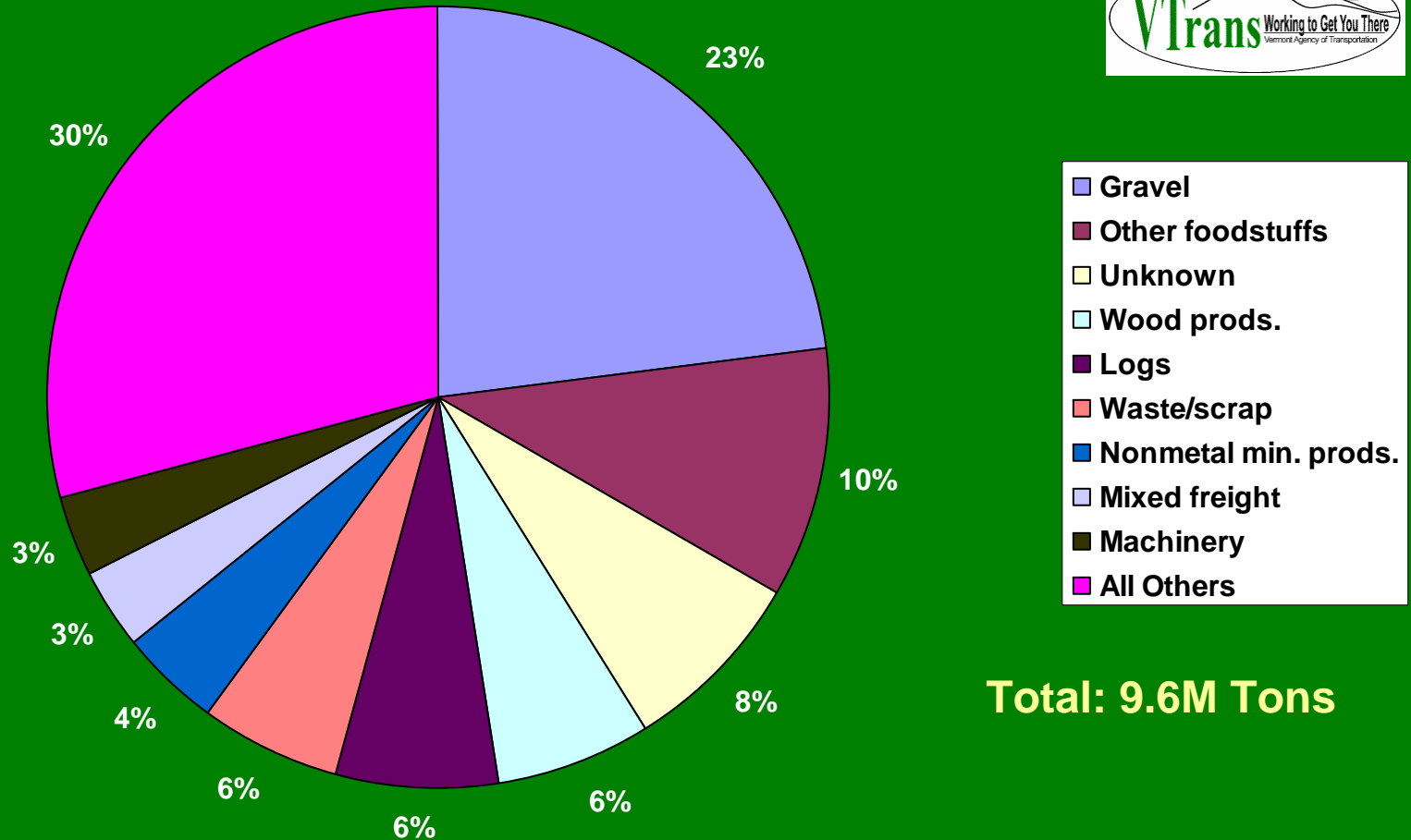


- Gasoline
- Logs
- Nonmetal min. prods.
- Coal-n.e.c.
- Animal feed
- Other foodstuffs
- Mixed freight
- Base metals
- Fuel oils
- All Others

**Total: 9.4M Tons**

Source: FHWA FAF2 (2002, adjusted to 2007)

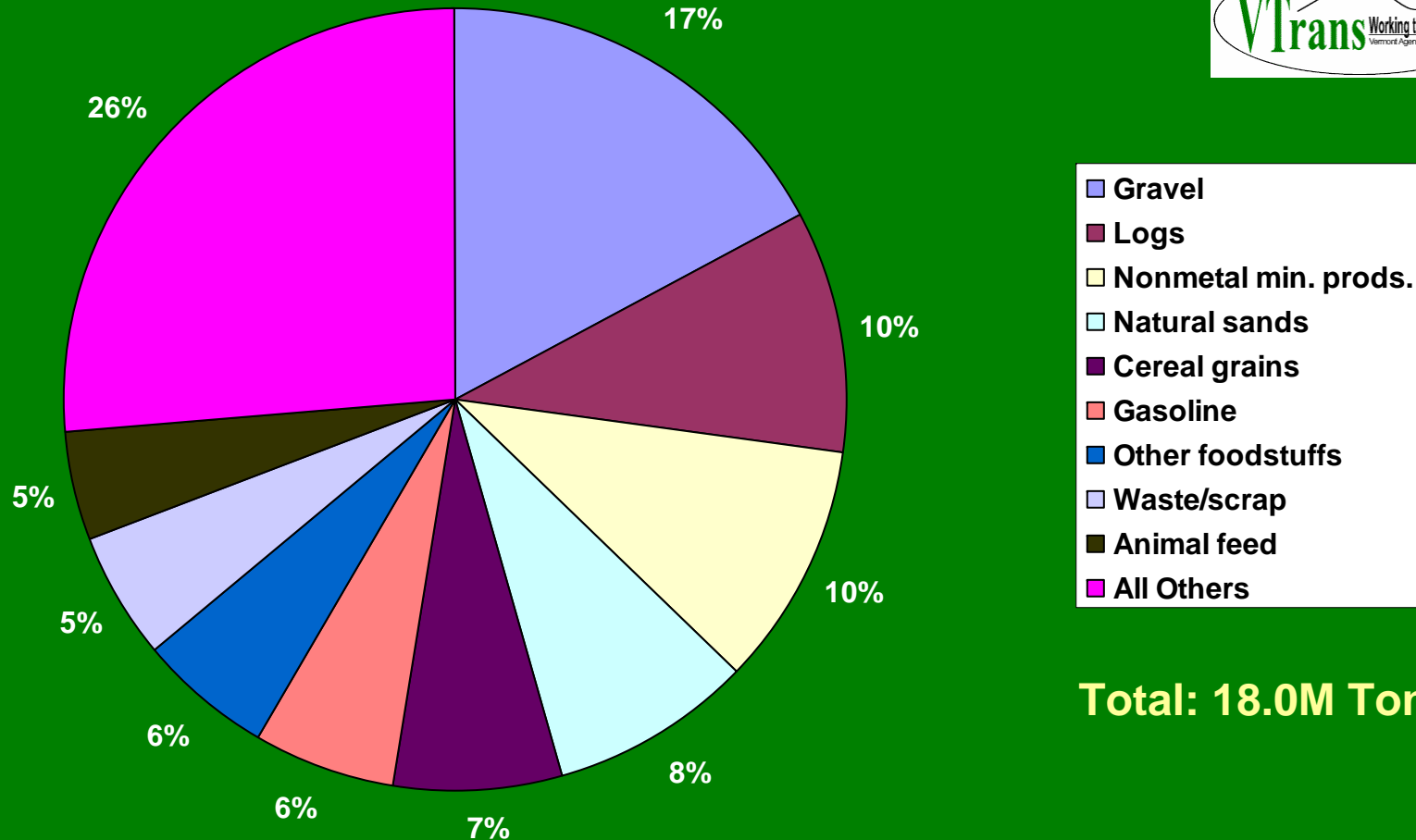
# Outbound Truck Commodities by Tonnage, 2007



**Total: 9.6M Tons**

Source: FHWA FAF2 (2002, adjusted to 2007)

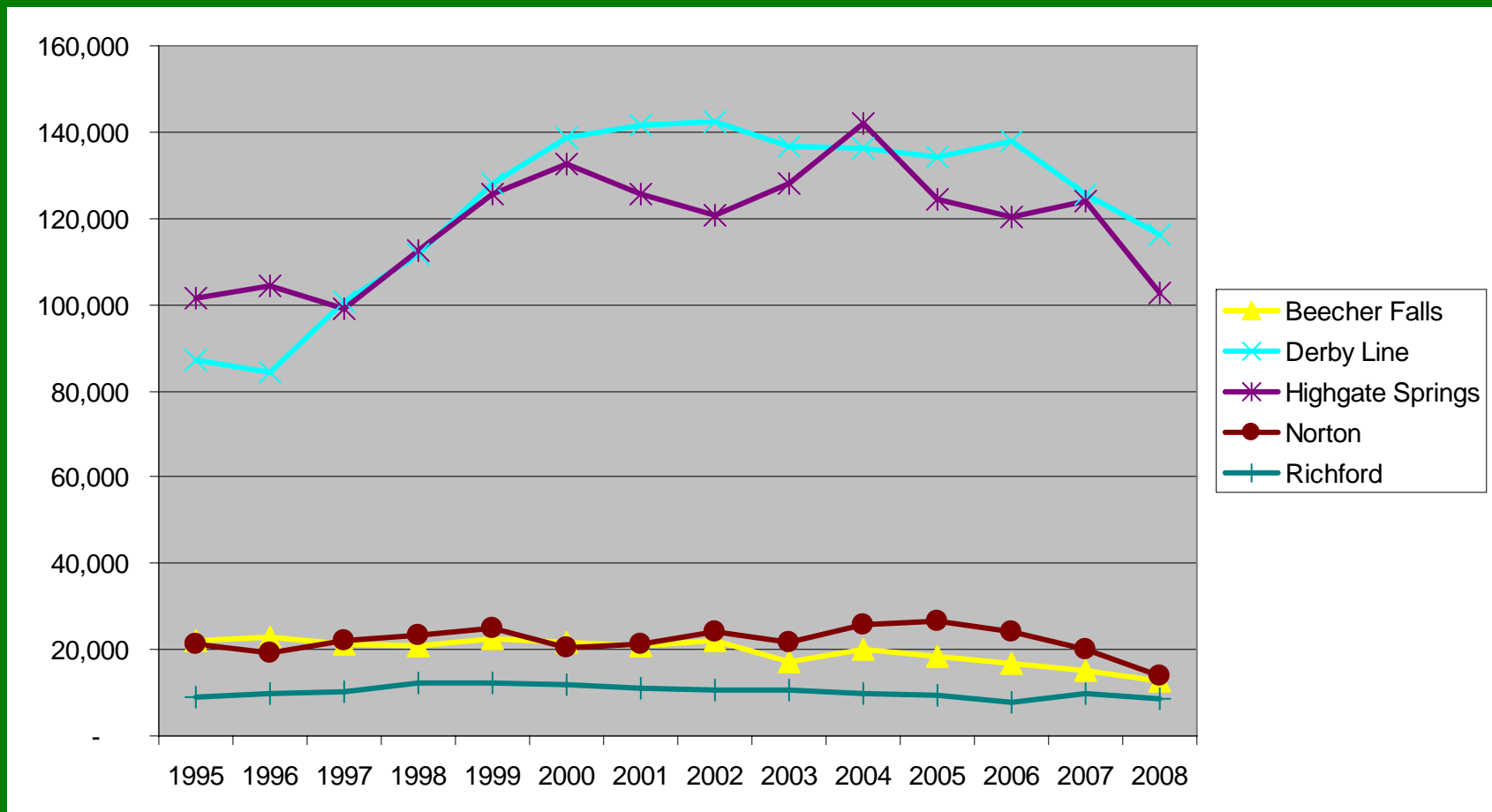
# Internal Truck Commodities by Tonnage, 2007



**Total: 18.0M Tons**

Source: FHWA FAF2 (2002, adjusted to 2007)

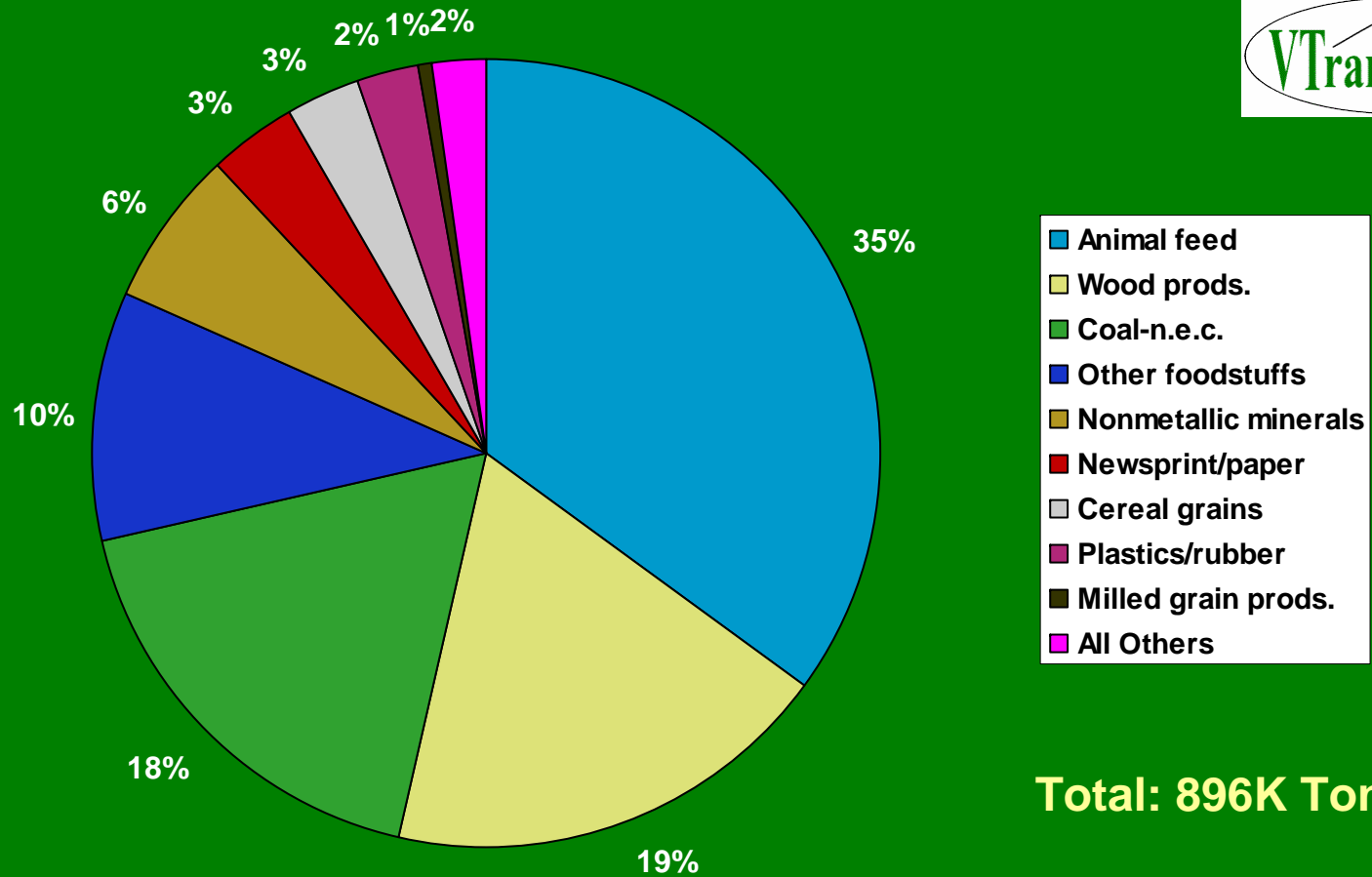
# Annual Truck Trips (Canada to U.S) by Crossing, 2007



Source: FHWA FAF2 (2002, adjusted to 2007)



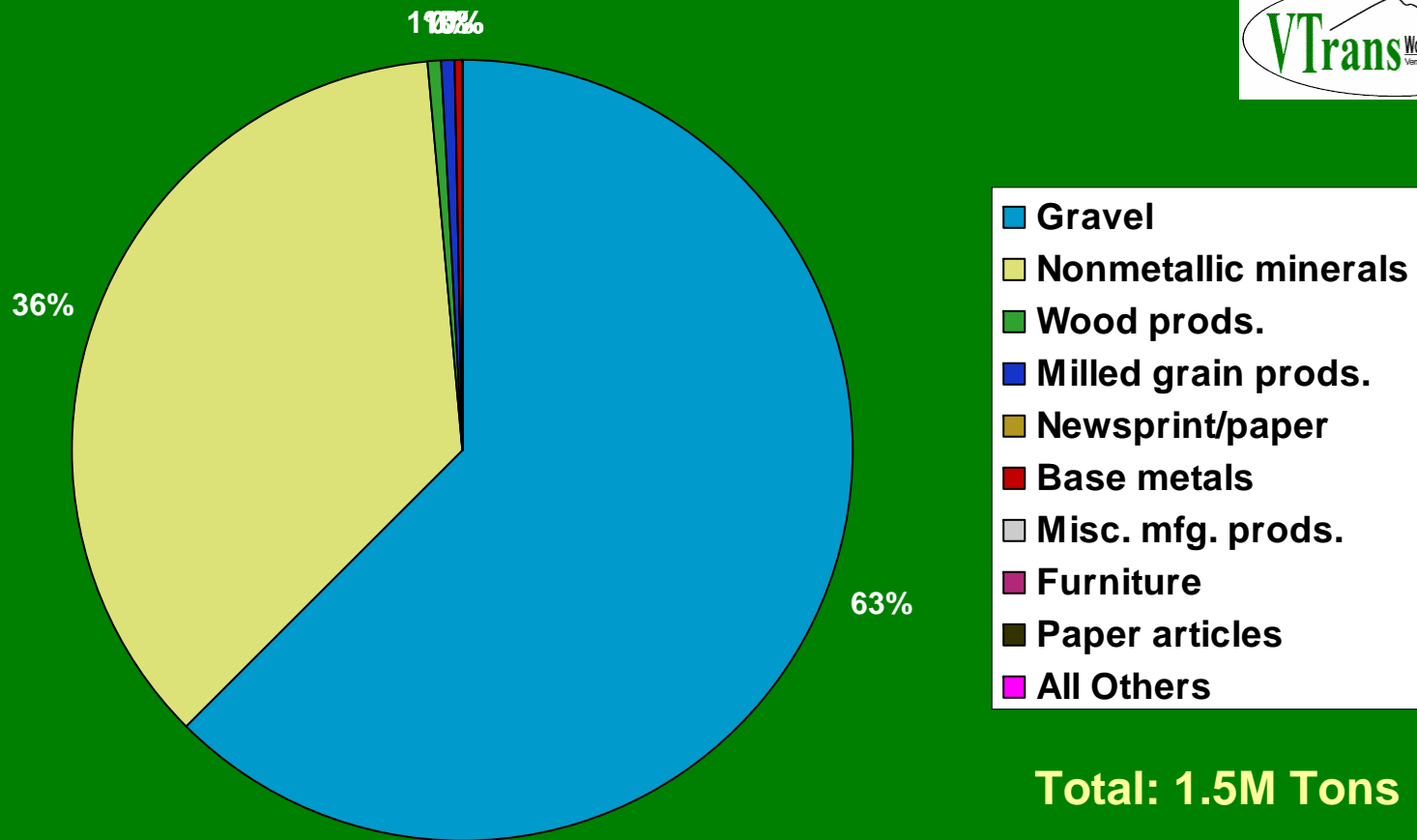
# Inbound Rail Tonnage by Commodity, 2007



**Total: 896K Tons**

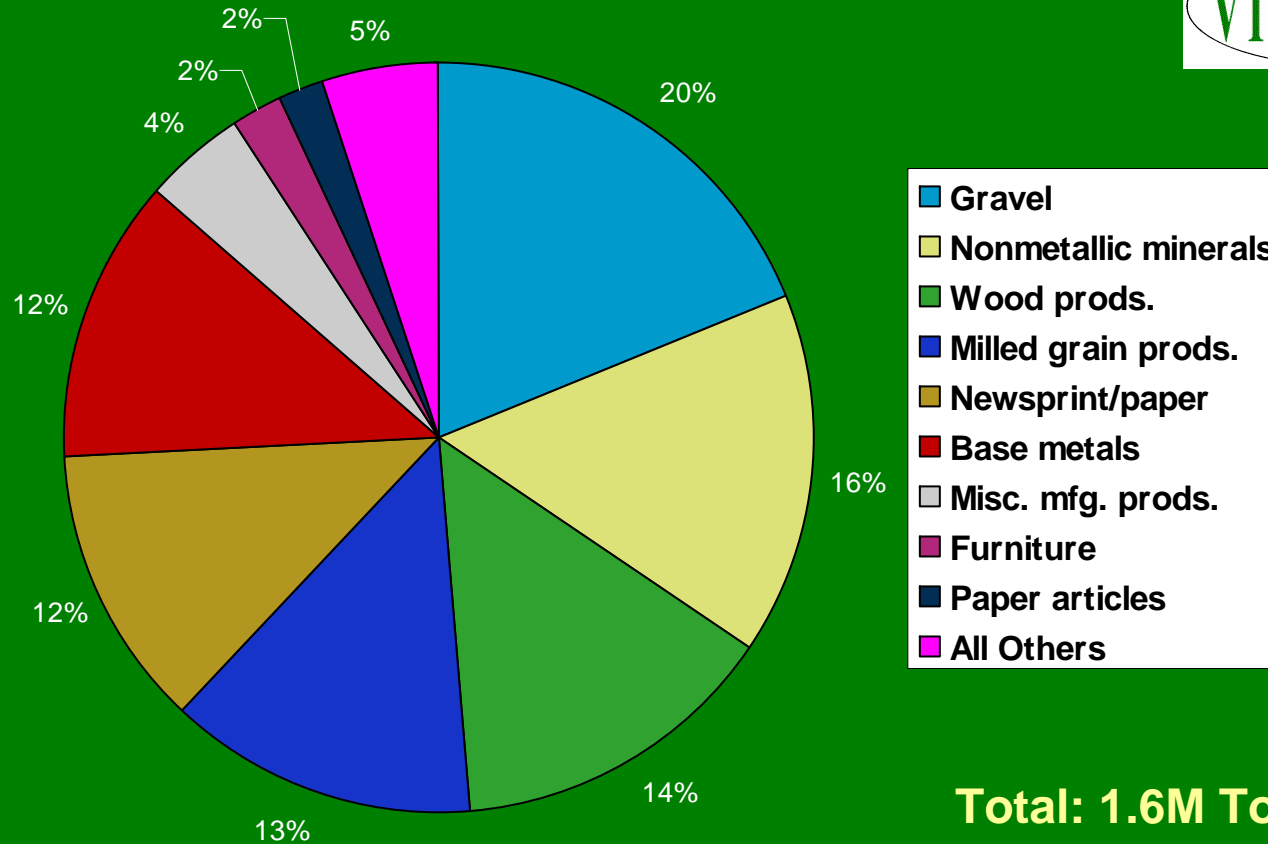
Source: FHWA FAF2 (2002, adjusted to 2007)

# Outbound Rail Tonnage by Commodity, 2007



Source: FHWA FAF2 (2002, adjusted to 2007)

# Through Rail Tonnage by Commodity, 2007



**Total: 1.6M Tons**

Source: FHWA FAF2 (2002, adjusted to 2007)

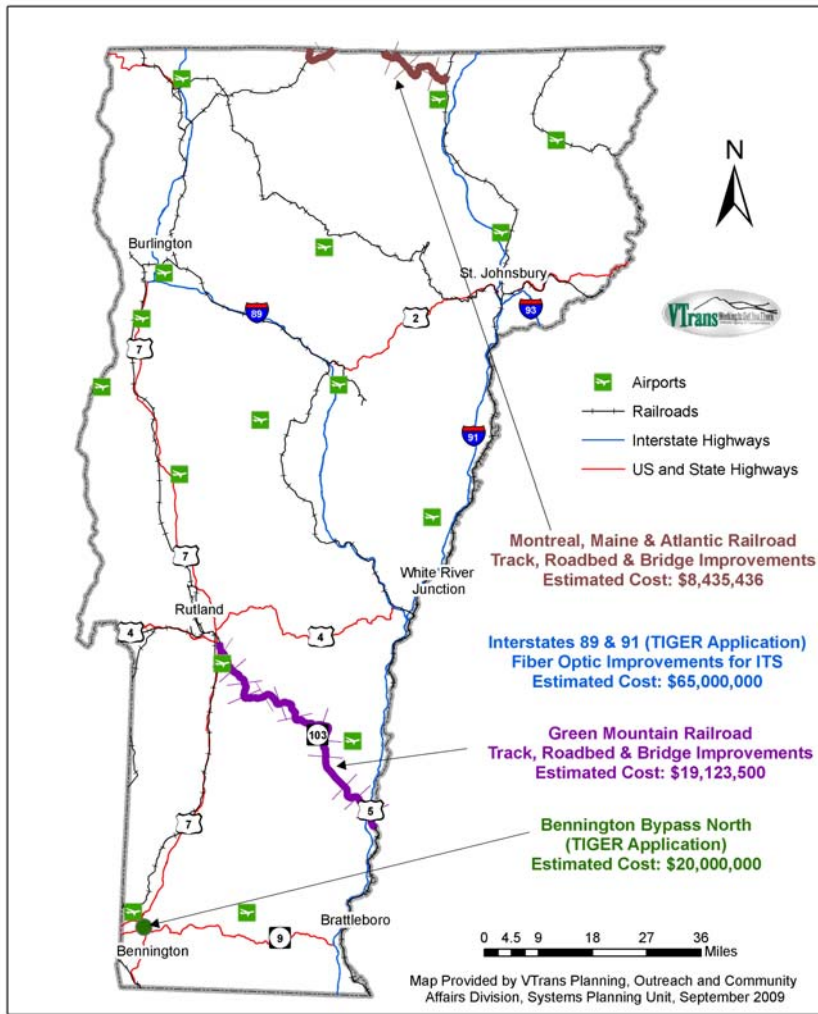
# American Recovery & Reinvestment Act (2009)

- Legislation adopted to generate major economic stimulus.
- Transportation infrastructure plays a prominent role in ARRA (approximately 1/4 of all funding).
- ARRA Transportation funding includes both formula (direct allocation to states) and discretionary (competitive grants)
- VTrans has applied for several grants to improve freight infrastructure. (\$232 million total)

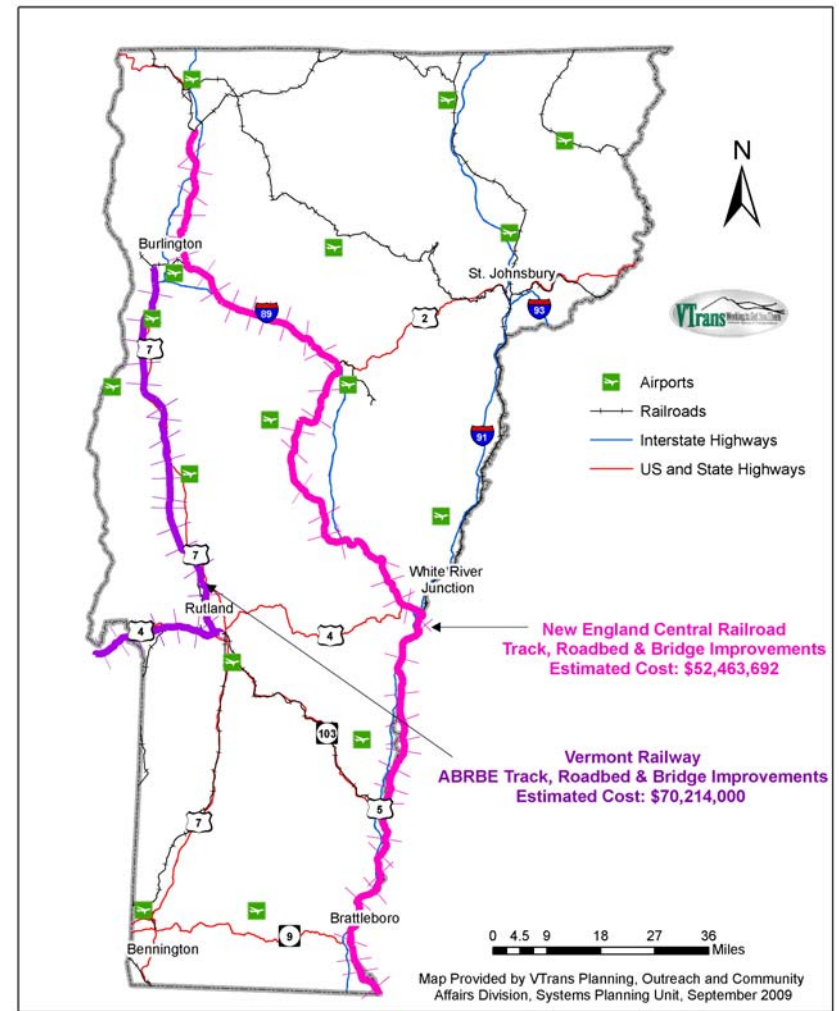


# VTrans ARRA Transportation Grant Requests

## ARRA Freight Grant Applications



## ARRA Passenger Rail Grant Applications



# Questions?

## Contact information

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