

FREIGHT

Freight Shipments To, From, and Within Vermont

The following tables summarize data from the new and improved version of the Freight Analysis Framework (FAF^{2.2}). FAF^{2.2} integrates data from several sources to estimate commodity flows and related freight transportation activity among major metropolitan areas, states, regions, and international gateways. FAF^{2.2} data should not be compared with the original FAF data because estimation methods have been improved and data coverage is more complete. Additional information is available at www.ops.fhwa.dot.gov/freight/freight_analysis/faf.

Shipments by Weight: 2002 and 2035 (Millions of Tons)

	2002						2035					
	Within State		From State		To State		Within State		From State		To State	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	16.4	100	10.3	100	11.2	100	28.6	100	24.7	100	24.3	100
Truck	16.2	98	8.8	86	9.2	82	28.1	98	22.7	92	20.0	82
Rail	< 0.1	< 1	1.1	11	0.9	8	< 0.1	< 1	0.8	3	2.3	9
Water	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1
Air, air & truck	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1
Truck & rail	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1	< 0.1	< 1
Other intermodal¹	< 0.1	< 1	0.1	< 1	< 0.1	< 1	< 0.1	< 1	0.2	< 1	0.2	1
Pipeline & unknown²	0.2	1	0.2	1	1.0	9	0.4	2	0.8	3	1.7	7

¹Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations except air and truck; ²Pipeline and unknown shipments are combined because data on region-to-region flows by pipeline are statistically uncertain. Note: Numbers may not add to totals due to rounding.

Shipments by Value: 2002 and 2035 (\$ Millions)

	2002						2035					
	Within State		From State		To State		Within State		From State		To State	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	4,480.4	100	16,770.0	100	13,186.9	100	13,723.7	100	57,075.1	100	40,579.2	100
Truck	4,322.7	96	14,154.7	84	10,143.3	77	13,312.8	97	47,936.2	84	32,060.1	79
Rail	1.6	< 1	160.7	< 1	223.5	2	1.8	< 1	194.1	< 1	472.1	1
Water	< 0.1	< 1	0.2	< 1	0.4	< 1	< 0.1	< 1	0.3	< 1	1.2	< 1
Air, air & truck	1.8	< 1	230.2	1	38.0	< 1	2.2	< 1	984.0	2	69.8	< 1
Truck & rail	< 0.1	< 1	6.2	< 1	53.4	< 1	< 0.1	< 1	5.9	< 1	78.5	< 1
Other intermodal¹	59.1	1	1,955.4	12	2,285.0	17	157.2	1	6,850.4	12	6,833.5	17
Pipeline & unknown²	95.2	2	262.6	2	443.2	3	249.7	2	1,104.1	2	1,064.0	3

¹Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations except air and truck; ²Pipeline and unknown shipments are combined because data on region-to-region flows by pipeline are statistically uncertain. Note: Numbers may not add to totals due to rounding.

Top Commodities by Weight and Value: 2002

Tons (millions)			Value (\$ millions)		
Within State	From State	To State	Within State	From State	To State
Total 16.4	Total 10.3	Total 11.2	Total 4,480.4	Total 16,770.0	Total 13,186.9
Gravel 2.7	Gravel 3.1	Coal, n.e.c. ² 1.9	Machinery 813.5	Electronics 4,605.9	Electronics 2,252.7
Logs 1.7	Other foodstuffs 1.0	Gasoline 1.1	Unknown 466.0	Machinery 1,850.1	Mixed freight 1,534.3
Nonmetal min. prods. ¹ 1.7	Unknown 0.7	Logs 1.0	Mixed freight 406.0	Mixed freight 1,825.6	Machinery 999.5
Natural sands 1.4	Wood prods. 0.6	Animal feed 0.9	Other foodstuffs 317.3	Other foodstuffs 1,272.7	Gasoline 802.2
Cereal grains 1.1	Logs 0.6	Nonmetal min. prods. ¹ 0.8	Other ag prods. 243.9	Misc. mfg. prods. 965.6	Other foodstuffs 621.6

¹Nonmetallic mineral products; ²Coal and petroleum products, not elsewhere classified.

Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	21.5	100	Total	29,956.8	100
Foreign	4.1	19	Foreign	4,183.0	14
NY	4.5	21	MA	6,049.3	20
NH	3.4	16	NY	5,645.2	19
MA	2.9	14	NH	1,904.1	6
ME	1.1	5	NJ	1,287.5	4

Note: Numbers may not add to totals due to rounding.

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	48.9	100	Total	97,654.3	100
Foreign	8.8	18	Foreign	21,833.0	22
NY	10.1	21	NY	16,742.3	17
MA	8.4	17	MA	16,369.9	17
NH	7.6	15	NH	7,773.6	8
ME	3.4	7	CT	3,862.3	4

Note: Numbers may not add to totals due to rounding.

For more information, please contact

Tianjia Tang
202-366-2217
Tianjia.Tang@dot.gov

FHWA-HOP-07-059
EDL 14230



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration