

FREIGHT

Freight Shipments To, From, and Within Massachusetts

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	110.1	100	42.0	100	82.2	100	239.7	100	136.0	100	157.6	100
Truck	99.8	91	35.1	83	56.6	69	216.9	90	116.5	86	109.8	70
Rail	0.9	<1	0.5	1	5.6	7	2.6	1	1.1	<1	7.6	5
Water	<0.1	<1	<0.1	<1	1.0	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	0.3	<1
Truck & rail	<0.1	<1	0.1	<1	0.2	<1	<0.1	<1	0.4	<1	0.3	<1
Other intermodal¹	0.3	<1	0.6	1	0.7	<1	0.9	<1	2.6	2	1.9	1
Pipeline & unknown²	9.0	8	5.6	13	18.0	22	19.3	8	15.3	11	37.6	24

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	98,491.2	100	147,923.0	100	129,710.0	100	265,958.0	100	509,337.6	100	347,036.2	100
Truck	87,142.6	88	102,635.7	69	94,511.5	73	230,563.0	87	332,733.5	65	246,590.8	71
Rail	5.4	<1	227.8	<1	2,457.6	2	16.0	<1	445.5	<1	4,778.3	1
Water	<0.1	<1	1.5	<1	246.7	0	<0.1	<1	4.3	<1	36.0	<1
Air, air & truck	150.7	<1	5,429.7	4	3,163.4	2	443.2	<1	19,061.8	4	9,701.3	3
Truck & rail	8.1	<1	329.8	<1	1,448.2	1	11.7	<1	954.0	<1	2,297.9	<1
Other intermodal¹	5,551.4	6	32,390.8	22	20,989.9	16	16,164.9	6	134,107.2	26	70,531.4	20
Pipeline & unknown²	5,632.9	6	6,907.7	5	6,892.6	5	18,759.1	7	22,031.3	4	13,100.6	4

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 110.1	Total 42.0	Total 82.2	Total 98,491.2	Total 147,923.0	Total 129,710.0
Waste/scrap 18.5	Coal, n.e.c. ¹ 4.4	Coal, n.e.c. ¹ 19.1	Machinery 14,297.6	Electronics 38,040.3	Electronics 16,934.5
Gravel 15.9	Newsprint/paper 3.5	Gasoline 8.3	Mixed freight 11,728.0	Textiles/leather 19,587.3	Machinery 12,097.9
Coal, n.e.c. ¹ 9.2	Unknown 3.2	Other foodstuffs 5.8	Unknown 6,012.4	Machinery 11,157.6	Mixed freight 11,814.8
Fuel oils 7.8	Mixed freight 2.6	Nonmetal min. prods. ² 3.6	Electronics 6,005.2	Mixed freight 9,130.2	Textiles/leather 9,721.4
Cereal grains 7.2	Waste/scrap 2.6	Wood prods. 3.5	Precision instr. 4,301.3	Misc. mfg. prods. 8,813.4	Motor vehicles ³ 7,217.5

¹Coal and petroleum products, not elsewhere classified; ²Nonmetallic mineral products; ³Motorized and other vehicles (including parts).

Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	124.2	100	Total	277,633.0	100
Foreign	23.1	19	Foreign	19,069.0	7
NY	14.4	12	NY	26,271.0	9
NH	14.2	11	CT	20,956.7	8
RI	13.9	11	NJ	18,506.9	7
CT	10.9	9	PA	16,208.0	6

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	293.6	100	Total	856,373.8	100
Foreign	55.5	19	Foreign	82,304.0	10
NH	42.6	15	CA	75,047.2	9
CT	29.7	10	NY	73,661.4	9
RI	29.4	10	NH	71,726.1	8
NY	28.1	10	CT	60,675.7	7

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

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Freight Analysis Framework



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