

FREIGHT

Freight Shipments To, From, and Within Minnesota

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	280.7	100	204.4	100	179.2	100	551.5	100	449.8	100	328.0	100
Truck	240.6	86	52.5	26	58.7	33	483.1	88	157.5	35	109.2	33
Rail	19.0	7	37.2	18	41.7	23	26.0	5	102.9	23	69.9	21
Water	4.3	2	31.8	16	2.7	2	6.0	1	68.1	15	3.0	<1
Air, air & truck	<0.1	<1	<0.1	<1	0.2	<1	<0.1	<1	0.3	<1	0.5	<1
Truck & rail	0.9	<1	0.3	<1	0.8	<1	2.0	<1	0.6	<1	1.8	<1
Other intermodal¹	0.4	<1	37.1	18	2.7	1	1.0	<1	6.5	1	6.2	2
Pipeline & unknown²	15.4	5	45.4	22	72.5	40	33.4	6	114.0	25	137.3	42

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	115,600.9	100	113,891.5	100	122,687.5	100	357,837.4	100	578,171.4	100	301,711.8	100
Truck	99,511.1	86	65,416.6	57	76,294.3	62	295,513.8	83	271,489.7	47	171,092.4	57
Rail	897.8	<1	5,264.6	5	6,217.5	5	3,094.8	<1	20,161.0	3	9,220.2	3
Water	46.0	<1	2,158.0	2	123.6	<1	121.6	<1	7,299.9	1	125.9	<1
Air, air & truck	3.3	<1	5,305.2	5	1,003.7	<1	22.6	<1	53,648.8	9	3,048.1	1
Truck & rail	18.8	<1	106.6	<1	2,358.4	2	23.8	<1	210.3	<1	5,585.9	2
Other intermodal¹	8,768.0	8	20,514.7	18	18,995.7	15	39,525.9	11	183,959.3	32	76,733.0	25
Pipeline & unknown²	6,355.8	5	15,125.7	13	17,694.5	14	19,535.0	5	41,402.4	7	35,906.1	12

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 280.7	Total 204.4	Total 179.2	Total 115,600.9	Total 113,891.5	Total 122,687.5
Nonmetal min. prods. ¹ 81.0	Metallic ores 52.5	Coal, n.e.c. ² 57.6	Machinery 19,498.2	Coal, n.e.c. ² 13,430.1	Electronics 16,397.4
Cereal grains 42.1	Coal, n.e.c. ² 43.5	Cereal grains 23.3	Mixed freight 8,847.5	Electronics 11,314.0	Coal, n.e.c. ² 14,347.1
Gravel 21.7	Cereal grains 27.7	Coal 20.5	Pharmaceuticals 8,815.5	Other foodstuffs 9,350.6	Machinery 10,945.4
Metallic ores 13.2	Other foodstuffs 13.4	Crude petroleum 15.5	Unknown 6,586.7	Machinery 8,829.9	Mixed freight 10,209.6
Waste/scrap 11.9	Nonmetal min. prods. ¹ 12.3	Fertilizers 6.9	Other foodstuffs 5,468.2	Misc. mfg. prods. 8,343.9	Motor vehicles ³ 8,603.2

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

Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	383.6	100	Total	236,579.0	100
Foreign	40.4	11	Foreign	14,836.0	6
IA	47.7	12	WI	32,316.7	14
WI	45.6	12	IA	21,157.8	9
ND	37.5	10	IL	20,526.7	9
SD	28.3	7	CA	12,998.1	5

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	777.8	100	Total	879,883.1	100
Foreign	87.1	11	Foreign	61,223.0	7
IA	111.6	14	IL	82,185.9	9
WI	105.7	14	WI	81,763.0	9
SD	81.5	10	OH	72,883.2	8
ND	55.2	7	CA	62,861.6	7

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

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FHWA-HOP-07-038
EDL 14207



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration