

FREIGHT

Freight Shipments To, From, and Within Montana

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	59.5	100	76.2	100	19.7	100	191.4	100	138.8	100	58.9	100
Truck	36.6	62	7.2	9	8.6	44	92.7	48	15.6	11	26.0	44
Rail	4.4	7	48.1	63	1.6	8	<1	<1	71.8	52	6.5	11
Water	<0.1	<1	<0.1	<1	<0.1	<1	19.1	10	<0.1	<1	<0.1	<1
Air, air & truck	<0.1	<1	0.1	<1	<0.1	<1	<0.1	<1	0.2	<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	0.5	<1	<0.1	<1	<1	<1	0.8	<1	0.4	<1
Pipeline & unknown²	18.4	31	20.3	27	9.3	47	79.5	42	50.4	36	25.9	44

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	15,663.9	100	12,122.9	100	16,077.2	100	45,316.3	100	25,678.3	100	58,717.7	100
Truck	13,907.8	89	3,885.4	32	11,046.0	69	39,779.5	88	8,336.6	32	39,922.9	68
Rail	122.2	<1	1,769.4	15	223.1	1	<0.1	<1	2,033.3	8	394.0	<1
Water	<0.1	<1	0.2	<1	<0.1	<1	381.1	<1	0.2	<1	<0.1	<1
Air, air & truck	7.1	<1	91.3	<1	358.0	2	21.3	<1	166.1	<1	754.7	1
Truck & rail	<0.1	<1	5.1	<1	162.7	1	<0.1	<1	5.7	<1	459.9	<1
Other intermodal¹	307.5	2	627.7	5	2,149.1	13	852.0	2	1,868.1	7	10,040.5	17
Pipeline & unknown²	1,319.3	8	5,743.8	47	2,138.4	13	4,282.3	9	13,268.3	52	7,145.6	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 59.5	Total 76.2	Total 19.7	Total 15,663.9	Total 12,122.9	Total 16,077.2
Coal 19.2	Coal 39.3	Coal, n.e.c. ¹ 9.7	Machinery 2,682.3	Coal, n.e.c. ¹ 5,576.8	Mixed freight 2,345.4
Cereal grains 8.4	Coal, n.e.c. ¹ 19.1	Wood prods. 1.4	Gasoline 1,642.3	Wood prods. 1,027.6	Machinery 1,871.0
Gasoline 5.8	Nonmetallic minerals ² 3.7	Mixed freight 1.0	Unknown 1,213.8	Misc. mfg. prods. 510.2	Coal, n.e.c. ¹ 1,694.0
Logs 3.6	Cereal grains 3.3	Cereal grains 0.9	Mixed freight 1,129.2	Machinery 494.0	Misc. mfg. prods. 1,638.5
Fuel oils 2.7	Wood prods. 2.9	Chemical prods. 0.6	Live animals/fish 1,010.4	Coal 458.4	Chemical prods. 1,223.2

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

Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	95.9	100	Total	28,200.1	100
Foreign	14.7	15	Foreign	3,294.0	12
ND	18.2	19	ND	5,848.9	21
MN	15.3	16	WA	2,016.9	7
WI	12.6	13	NJ	1,545.6	5
IL	6.5	7	WY	1,513.6	5

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	197.7	100	Total	84,396.0	100
Foreign	32.8	17	Foreign	14,116.0	17
ND	42.7	22	ND	13,824.8	16
MN	30.0	15	ID	6,725.4	8
WI	17.4	9	CA	4,716.5	6
ID	11.3	6	WA	4,176.1	5

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-07-041
EDL 14210



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration