

FREIGHT

Freight Shipments To, From, and Within Iowa

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	181.6	100	165.0	100	149.4	100	332.2	100	297.0	100	296.6	100
Truck	164.5	91	69.6	42	68.4	46	305.0	92	169.2	57	135.6	46
Rail	1.3	<1	44.3	27	31.7	21	2.0	<1	51.8	17	59.5	20
Water	<0.1	<1	9.0	5	0.2	<1	0.1	<1	16.8	6	0.2	<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	0.2	<1	0.3	<1	0.1	<1	0.3	<1	0.6	<1
Other intermodal¹	<0.1	<1	1.0	<1	0.4	<1	<0.1	<1	1.8	<1	0.8	<1
Pipeline & unknown²	15.6	9	40.9	25	48.3	32	24.8	7	57.0	19	99.9	34

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	46,364.2	100	106,919.0	100	90,778.6	100	91,508.8	100	186,347.7	100	269,398.2	100
Truck	42,096.7	91	76,536.2	72	61,188.5	67	84,912.2	93	129,658.2	70	165,107.1	61
Rail	174.4	<1	9,124.9	9	4,745.6	5	242.6	<1	16,311.7	9	8,452.3	3
Water	3.4	<1	1,111.4	1	9.5	<1	6.9	<1	4,461.3	2	5.9	<1
Air, air & truck	12.7	<1	811.6	<1	439.3	<1	28.3	<1	1,818.5	<1	1,171.3	<1
Truck & rail	14.0	<1	995.5	<1	309.9	<1	33.4	<1	1,599.2	<1	742.2	<1
Other intermodal¹	627.0	1	4,784.7	4	8,799.7	10	842.5	<1	12,810.6	7	60,886.5	23
Pipeline & unknown²	3,435.8	7	13,554.8	13	15,286.0	17	5,443.0	6	19,688.3	11	33,032.9	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 181.6	Total 165.0	Total 149.4	Total 46,364.2	Total 106,919.0	Total 90,778.6
Cereal grains 56.6	Cereal grains 42.4	Coal, n.e.c. ¹ 47.4	Machinery 6,021.8	Machinery 15,293.9	Coal, n.e.c. ¹ 14,486.9
Gravel 43.6	Coal, n.e.c. ¹ 42.0	Cereal grains 16.8	Mixed freight 4,511.2	Coal, n.e.c. ¹ 12,684.2	Machinery 9,577.9
Animal feed 10.9	Other foodstuffs 17.3	Coal 15.4	Coal, n.e.c. ¹ 2,817.1	Motor vehicles ³ 9,140.8	Motor vehicles ³ 4,870.0
Fertilizers 9.1	Other ag prods. 9.3	Nonmetal min. prods. ² 9.3	Cereal grains 2,609.8	Other foodstuffs 8,682.9	Pharmaceuticals 4,580.0
Coal, n.e.c. ¹ 8.2	Animal feed 7.4	Gravel 8.1	Motor vehicles ³ 2,322.5	Chemical prods. 7,355.0	Mixed freight 4,202.2

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	314.4	100	Total	197,697.6	100
Foreign	12.1	4	Foreign	9,186.0	5
IL	70.0	22	IL	38,477.5	19
MN	47.7	15	MN	21,157.8	11
NE	41.3	13	NE	18,048.0	9
CA	24.7	8	MO	10,735.9	5

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	593.7	100	Total	455,745.9	100
Foreign	27.8	5	Foreign	27,545.0	6
IL	127.5	21	IL	78,157.6	17
MN	111.6	19	MN	57,470.5	13
NE	80.7	14	CA	43,119.3	9
WI	35.3	6	NE	42,837.8	9

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

For more information, please contact

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

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Freight Analysis Framework



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Federal Highway
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