

FREIGHT

Freight Shipments To, From, and Within Washington

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	243.5	100	104.3	100	129.5	100	421.8	100	124.4	100	429.6	100
Truck	189.2	78	42.8	41	50.8	39	341.4	81	46.2	37	193.4	45
Rail	12.4	5	11.9	11	20.3	16	13.7	3	9.7	8	62.3	14
Water	7.1	3	14.5	14	26.2	20	15.9	4	22.4	18	85.3	20
Air, air & truck	<0.1	<1	0.2	<1	<0.1	<1	<0.1	<1	0.3	<1	0.3	<1
Truck & rail	<0.1	<1	1.0	<1	0.6	<1	0.1	<1	0.7	<1	2.1	<1
Other intermodal¹	0.1	<1	0.9	<1	1.5	1	0.3	<1	1.3	1	5.1	1
Pipeline & unknown²	34.7	14	33.0	32	30.1	23	50.5	12	43.8	35	81.2	19

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	141,526.3	100	76,959.7	100	152,739.3	100	333,462.0	100	146,483.1	100	759,255.8	100
Truck	87,146.7	62	44,048.4	57	106,363.6	70	174,768.7	52	68,241.2	47	568,770.7	75
Rail	2,224.8	2	3,535.7	5	7,744.4	5	2,765.8	<1	2,908.6	2	14,421.6	2
Water	885.3	<1	656.4	<1	2,723.6	2	1,512.8	<1	711.2	<1	8,759.0	1
Air, air & truck	184.0	<1	4,427.2	6	5,732.6	4	3,529.6	1	13,344.0	9	32,747.5	4
Truck & rail	6.2	<1	715.8	<1	1,009.5	<1	11.1	<1	577.2	<1	3,833.7	<1
Other intermodal¹	4,895.5	3	13,089.3	17	18,779.2	12	9,577.9	3	42,986.8	29	99,300.0	13
Pipeline & unknown²	46,183.7	33	10,486.9	14	10,386.4	7	141,296.2	42	17,714.1	12	31,423.2	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 243.5	Total 104.3	Total 129.5	Total 141,526.3	Total 76,959.7	Total 152,739.3
Gravel 67.9	Coal, n.e.c. ¹ 23.7	Coal, n.e.c. ¹ 31.4	Unknown 44,127.1	Electronics 8,671.4	Machinery 45,540.2
Gasoline 24.8	Gravel 15.8	Crude petroleum 27.3	Mixed freight 19,320.2	Coal, n.e.c. ¹ 7,200.1	Electronics 19,477.2
Waste/scrap 20.8	Wood prods. 10.5	Cereal grains 7.6	Machinery 9,675.2	Machinery 5,396.0	Mixed freight 12,084.7
Logs 18.5	Cereal grains 9.4	Coal 6.0	Gasoline 6,386.2	Mixed freight 4,791.0	Coal, n.e.c. 8,768.1
Cereal grains 11.1	Other ag prods. 6.5	Machinery 4.8	Electronics 5,845.8	Misc. mfg. prods. 4,141.5	Motor vehicles ² 6,606.3

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

Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	233.8	100	Total	229,698.9	100
Foreign	61.4	26	Foreign	65,577.0	29
OR	67.2	29	OR	34,768.4	15
ID	25.9	11	CA	27,633.0	12
AK	25.3	11	MA	12,864.5	6
CA	12.0	5	ID	12,245.9	5

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	554.1	100	Total	905,738.9	100
Foreign	130.4	24	Foreign	336,998.0	37
OR	137.0	25	OR	115,722.0	13
AK	84.4	15	AK	10,982.9	1
ID	71.0	13	ID	48,594.5	5
CA	29.5	5	CA	127,689.1	14

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

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FHWA-HOP-07-061
EDL 14232



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration