

FREIGHT

Freight Shipments To, From, and Within California

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	1,132.2	100	127.4	100	326.7	100	2,466.3	100	476.9	100	825.1	100
Truck	971.0	86	92.8	73	144.2	44	2,179.4	88	366.0	77	518.4	63
Rail	9.8	<1	11.7	9	63.6	19	15.8	<1	35.4	7	82.1	10
Water	7.8	<1	1.2	1	23.6	7	11.9	<1	2.2	<1	42.0	5
Air, air & truck	0.1	<1	0.4	<1	0.6	<1	0.8	<1	2.6	<1	1.2	<1
Truck & rail	1.3	<1	4.0	3	4.8	1	2.5	<1	14.3	3	6.6	<1
Other intermodal¹	1.5	<1	5.0	4	2.8	<1	4.4	<1	29.5	6	6.2	<1
Pipeline & unknown²	140.8	12	12.4	10	87.2	27	251.6	10	26.7	6	168.5	20

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	726,767.8	100	395,993.7	100	573,317.6	100	2,254,788.3	100	2,388,844.1	100	2,803,115.4	100
Truck	597,565.7	82	236,191.9	60	394,243.3	69	1,754,479.6	78	1,100,327.5	46	2,284,460.2	81
Rail	3,065.2	<1	7,055.9	2	31,134.9	5	5,450.5	<1	22,584.0	<1	58,952.2	2
Water	1,573.9	<1	199.5	<1	2,360.2	<1	1,950.4	<1	854.9	<1	4,200.4	<1
Air, air & truck	11,695.2	<1	30,077.4	8	26,126.5	5	85,946.0	4	217,734.6	9	77,566.8	3
Truck & rail	266.3	<1	3,187.9	<1	9,611.7	2	1,653.4	<1	13,017.4	<1	15,391.6	<1
Other intermodal¹	57,942.8	8	103,312.3	26	70,889.5	12	277,479.9	12	975,911.2	41	260,242.1	9
Pipeline & unknown²	54,658.8	8	15,968.7	4	38,951.4	7	127,828.6	6	58,414.3	2	102,302.2	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 1,132.2	Total 127.4	Total 326.7	Total 726,767.8	Total 395,993.7	Total 573,317.6
Gravel 201.6	Other ag prods. 16.2	Coal, n.e.c. ² 56.5	Machinery 90,863.4	Electronics 97,047.5	Machinery 174,495.9
Nonmetal min. prods. ¹ 134.7	Coal, n.e.c. ² 15.2	Crude petroleum 54.6	Electronics 77,686.5	Precision instr. 43,403.7	Electronics 70,989.3
Gasoline 117.5	Other foodstuffs 10.6	Machinery 26.1	Mixed freight 71,982.1	Textiles/leather 36,870.3	Textiles/leather 34,286.7
Waste/scrap 111.8	Nonmetal min. prods. ¹ 9.6	Cereal grains 25.7	Gasoline 36,976.4	Machinery 36,418.6	Motor vehicles ³ 34,185.0
Coal, n.e.c. ² 101.1	Chemical prods. 7.4	Nonmetal min. prods. ¹ 15.2	Unknown 34,743.5	Misc. mfg. prods. 29,927.1	Pharmaceuticals 23,299.9

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	454.2	100	Total	969,311.2	100
Foreign	151.5	33	Foreign	288,180.0	30
AZ	40.8	9	TX	66,002.9	7
OR	31.3	7	AZ	40,314.7	4
NV	27.0	6	IL	38,478.5	4
IA	24.7	5	NV	33,950.1	4

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	1,301.9	100	Total	5,191,959.4	100
Foreign	556.1	43	Foreign	2,195,903.0	42
AZ	124.3	10	TX	378,184.2	7
NV	80.6	6	UT	174,898.8	3
OR	63.4	5	NV	143,966.0	3
UT	53.3	4	IL	134,514.0	3

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

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FHWA-HOP-07-015
EDL 14336



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration