

FREIGHT

Freight Shipments To, From, and Within Maryland

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	141.1	100	87.3	100	122.7	100	214.0	100	275.2	100	241.5	100
Truck	135.1	96	63.0	72	65.3	53	210.1	98	225.4	82	127.2	53
Rail	<0.1	<1	4.5	5	28.7	23	<0.1	<1	1.9	<1	46.3	19
Water	0.8	<1	1.2	1	1.3	1	1.3	<1	24.5	9	1.0	<1
Air, air & truck	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1
Truck & rail	<0.1	<1	<0.1	<1	0.2	<1	<0.1	<1	0.1	<1	0.3	<1
Other intermodal¹	<0.1	<1	0.3	<1	0.9	<1	0.3	<1	0.6	<1	2.4	1
Pipeline & unknown²	5.1	4	18.2	21	26.3	21	2.2	1	22.7	8	64.0	27

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	64,437.0	100	95,723.6	100	141,829.7	100	135,173.3	100	197,600.9	100	489,331.9	100
Truck	56,735.2	88	79,961.3	84	109,549.9	77	120,899.5	89	172,243.5	87	337,519.5	69
Rail	11.0	<1	1,763.7	2	5,467.1	4	68.0	<1	1,977.7	1	11,400.1	2
Water	83.5	<1	5.8	<1	140.3	<1	156.4	<1	87.5	<1	92.6	<1
Air, air & truck	<0.1	<1	663.5	<1	1,827.7	1	<0.1	<1	778.4	<1	11,713.1	2
Truck & rail	6.4	<1	149.9	<1	533.8	<1	<0.1	<1	162.8	<1	991.8	<1
Other intermodal¹	2,562.6	4	7,157.5	7	14,764.5	10	7,506.0	6	14,354.9	7	105,303.8	22
Pipeline & unknown²	5,038.4	8	6,021.7	6	9,546.5	7	6,543.3	5	7,996.0	4	22,311.0	5

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 141.1	Total 87.3	Total 122.7	Total 64,437.0	Total 95,723.6	Total 141,829.7
Gravel 64.9	Coal, n.e.c. ¹ 19.4	Coal, n.e.c. ¹ 27.0	Other ag prods. 8,497.5	Textiles/leather 15,222.7	Pharmaceuticals 22,646.8
Natural sands 15.2	Gravel 7.4	Coal 16.1	Machinery 8,398.7	Machinery 9,615.0	Machinery 20,120.2
Waste/scrap 10.8	Natural sands 7.1	Gravel 14.7	Textiles/leather 5,379.2	Electronics 8,329.4	Electronics 11,960.0
Coal, n.e.c. ¹ 7.4	Nonmetal min. prods. ² 6.5	Nonmetal min. prods. ² 4.7	Motor vehicles ³ 3,773.4	Mixed freight 7,898.0	Motor vehicles ³ 9,048.3
Nonmetal min. prods. ² 7.0	Waste/scrap 5.6	Other foodstuffs 4.4	Wood prods. 3,652.1	Other ag prods. 5,871.2	Coal, n.e.c. ¹ 7,844.3

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	210.0	100	Total	237,553.2	100
Foreign	17.9	9	Foreign	20,116.0	8
VA	54.3	26	VA	41,304.2	17
PA	46.4	22	PA	36,571.6	15
WV	26.0	12	NJ	19,586.6	8
DE	8.4	4	TN	14,252.8	6

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

Top Trading Partners: 2035

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
Total	516.7	100	Total	686,932.8	100
Foreign	40.4	8	Foreign	84,213.0	12
VA	166.0	32	VA	115,222.4	17
PA	94.3	18	PA	70,255.2	10
WV	39.4	8	CA	60,021.8	9
DC	25.8	5	TN	43,364.5	6

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-07-035
EDL 14204



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration