

# FREIGHT

## Freight Shipments To, From, and Within Ohio

The following tables summarize data from the new and improved version of the Freight Analysis Framework (FAF<sup>2.2</sup>). FAF<sup>2.2</sup> integrates data from several sources to estimate commodity flows and related freight transportation activity among major metropolitan areas, states, regions, and international gateways. FAF<sup>2.2</sup> 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](http://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
<b>Total</b>	445.5	100	283.7	100	328.7	100	702.3	100	488.0	100	621.5	100
<b>Truck</b>	344.5	77	152.0	54	141.4	43	579.4	82	278.5	57	331.8	53
<b>Rail</b>	18.8	4	54.2	19	66.5	20	37.8	5	93.6	19	100.2	16
<b>Water</b>	13.0	3	12.8	5	34.5	10	9.5	1	19.9	4	53.2	9
<b>Air, air &amp; truck</b>	<0.1	<1	0.1	<1	0.1	<1	<0.1	<1	0.3	<1	0.5	<1
<b>Truck &amp; rail</b>	<0.1	<1	1.6	<1	0.4	<1	<0.1	<1	4.0	<1	0.7	<1
<b>Other intermodal<sup>1</sup></b>	0.5	<1	4.2	1	19.1	6	1.2	<1	7.6	2	11.2	2
<b>Pipeline &amp; unknown<sup>2</sup></b>	68.7	15	58.9	21	66.6	20	74.5	11	84.1	17	123.9	20

<sup>1</sup>Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations except air and truck; <sup>2</sup>Pipeline 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
<b>Total</b>	233,030.0	100	345,482.9	100	299,480.3	100	475,735.5	100	729,322.3	100	884,949.5	100
<b>Truck</b>	190,984.0	82	255,144.6	74	211,288.0	71	380,977.5	80	464,195.8	64	593,428.9	67
<b>Rail</b>	2,633.3	1	30,583.0	9	21,766.1	7	4,526.9	1	44,677.5	6	27,491.6	3
<b>Water</b>	259.2	<1	984.9	<1	3,798.6	1	342.3	<1	1,439.6	0	5,334.8	<1
<b>Air, air &amp; truck</b>	195.5	<1	2,349.9	<1	6,735.2	2	427.4	<1	6,319.2	1	30,920.8	3
<b>Truck &amp; rail</b>	<0.1	<1	3,241.6	<1	300.9	<1	<0.1	<1	6,175.8	1	708.6	<1
<b>Other intermodal<sup>1</sup></b>	9,173.8	4	33,947.0	10	35,213.3	12	50,865.8	11	176,003.9	24	185,875.2	21
<b>Pipeline &amp; unknown<sup>2</sup></b>	29,784.1	13	19,231.9	6	20,378.2	7	38,595.7	8	30,510.4	4	41,189.5	5

<sup>1</sup>Other intermodal includes U.S. Postal Service and courier shipments and all intermodal combinations except air and truck; <sup>2</sup>Pipeline 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
<b>Total</b> 445.5	<b>Total</b> 283.7	<b>Total</b> 328.7	<b>Total</b> 233,030.0	<b>Total</b> 345,482.9	<b>Total</b> 299,480.3
Gravel 89.3	Coal, n.e.c. <sup>2</sup> 50.4	Coal, n.e.c. <sup>2</sup> 56.4	Machinery 34,870.0	Motor vehicles <sup>4</sup> 72,383.6	Motor vehicles <sup>4</sup> 35,350.9
Gasoline 38.6	Cereal grains 28.8	Coal 42.8	Motor vehicles <sup>4</sup> 32,171.2	Machinery 37,126.4	Machinery 29,393.1
Waste/scrap 34.4	Base metals <sup>3</sup> 19.8	Base metals <sup>3</sup> 30.3	Mixed freight 16,469.1	Electronics 35,594.6	Electronics 25,527.7
Nonmetal min. prods. <sup>1</sup> 29.8	Motorized vehicles <sup>4</sup> 17.1	Metallic ores 19.2	Electronics 13,296.5	Chemical prods. 16,118.6	Textiles/leather 20,966.1
Cereal grains 26.3	Nonmetal min. prods. <sup>1</sup> 14.4	Gasoline 17.3	Gasoline 10,227.7	Articles-base metal 15,975.8	Misc. mfg. prods. 18,860.4

<sup>1</sup>Nonmetallic mineral products; <sup>2</sup>Coal and petroleum products, not elsewhere classified; <sup>3</sup>Base metal in primary or semi-finished forms and in finished basic shapes; <sup>4</sup>Motorized and other vehicles (including parts).

## Top Trading Partners: 2002

	Tons (millions)		Value (\$ millions)		
	Number	Percent	Number	Percent	
<b>Total</b>	612.5	100	<b>Total</b>	644,963.2	100
Foreign	45.1	7	Foreign	46,104.0	7
KY	93.5	15	IN	61,646.0	10
MI	69.7	11	MI	61,509.3	10
PA	66.1	11	KY	48,950.3	8
IN	62.6	10	PA	47,434.2	7

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

## Top Trading Partners: 2035

	Tons (millions)		Value (\$ millions)		
	Number	Percent	Number	Percent	
<b>Total</b>	1,109.5	100	<b>Total</b>	1,614,271.8	100
Foreign	152.3	14	Foreign	99,349.0	6
KY	184.3	17	MI	161,821.9	10
MI	138.4	12	KY	156,757.8	10
IN	126.5	11	IN	142,087.9	9
PA	115.7	10	CA	125,197.2	8

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

## For more information, please contact

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Freight Analysis Framework



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