

# FREIGHT

## Freight Shipments To, From, and Within North Carolina

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>	302.6	100	108.6	100	167.4	100	460.6	100	231.5	100	299.2	100
<b>Truck</b>	271.6	90	81.8	75	78.5	47	422.7	92	173.0	75	158.4	53
<b>Rail</b>	13.1	4	6.2	6	61.3	37	16.9	4	10.7	5	111.5	37
<b>Water</b>	1.9	<1	0.2	<1	0.6	<1	1.7	<1	0.2	<1	0.5	<1
<b>Air, air &amp; truck</b>	<0.1	<1	<0.1	<1	<0.1	<1	<0.1	<1	0.2	<1	0.1	<1
<b>Truck &amp; rail</b>	<0.1	<1	0.1	<1	0.5	<1	<0.1	<1	0.2	<1	1.2	<1
<b>Other intermodal<sup>1</sup></b>	0.2	<1	0.5	<1	0.7	<1	0.3	<1	1.0	<1	1.8	<1
<b>Pipeline &amp; unknown<sup>2</sup></b>	15.8	5	19.8	18	25.9	15	19.1	4	46.3	20	25.6	9

<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>	181,204.2	100	201,858.9	100	180,117.6	100	307,222.3	100	396,424.5	100	470,623.9	100
<b>Truck</b>	170,269.7	94	177,923.5	88	139,237.5	77	289,727.2	94	344,936.8	87	345,264.9	73
<b>Rail</b>	510.9	<1	2,267.1	1	6,548.6	4	669.1	<1	3,919.1	<1	10,570.9	2
<b>Water</b>	300.0	<1	22.8	<1	194.9	<1	189.3	<1	34.8	<1	156.4	<1
<b>Air, air &amp; truck</b>	157.3	<1	2,080.3	1	3,196.2	2	160.1	<1	2,959.0	<1	7,835.3	2
<b>Truck &amp; rail</b>	<0.1	<1	285.4	<1	1,395.2	1	<0.1	<1	595.4	<1	3,404.2	<1
<b>Other intermodal<sup>1</sup></b>	3,780.6	2	11,020.8	5	20,503.8	11	7,671.1	2	24,546.3	6	79,469.0	17
<b>Pipeline &amp; unknown<sup>2</sup></b>	6,185.7	3	8,259.0	4	9,041.3	5	8,805.6	3	19,433.1	5	23,923.2	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> 302.6	<b>Total</b> 108.6	<b>Total</b> 167.4	<b>Total</b> 181,204.2	<b>Total</b> 201,858.9	<b>Total</b> 180,117.6
Gravel 57.8	Coal, n.e.c. <sup>2</sup> 19.4	Coal 34.8	Machinery 23,138.7	Textiles/leather 33,300.2	Machinery 24,010.2
Nonmetal min. prods. <sup>1</sup> 37.1	Wood prods. 7.3	Coal, n.e.c. <sup>2</sup> 26.4	Mixed freight 22,194.6	Machinery 19,356.4	Textiles/leather 17,469.3
Natural sands 23.8	Mixed freight 6.7	Cereal grains 11.3	Tobacco prods. 17,778.5	Mixed freight 16,780.7	Electronics 13,386.5
Wood prods. 22.3	Nonmetal min. prods. <sup>1</sup> 5.7	Nonmetal min. prods. <sup>1</sup> 9.3	Pharmaceuticals 15,234.4	Electronics 15,213.0	Motor vehicles <sup>3</sup> 12,880.3
Logs 18.4	Gravel 5.3	Wood prods. 8.4	Textiles/leather 11,144.0	Pharmaceuticals 14,666.9	Misc. mfg. prods. 9,389.2

<sup>1</sup>Nonmetallic mineral products; <sup>2</sup>Coal and petroleum products, not elsewhere classified; <sup>3</sup>Motorized and other vehicles (including parts).

## Top Trading Partners: 2002

Tons (millions)			Value (\$ millions)		
	Number	Percent		Number	Percent
<b>Total</b>	276.0	100	<b>Total</b>	381,976.4	100
Foreign	14.9	5	Foreign	31,632.0	8
SC	60.8	22	SC	52,649.5	14
VA	50.4	18	VA	36,971.8	10
KY	22.0	8	GA	33,308.9	9
GA	19.4	7	TN	21,133.3	6

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>	530.7	100	<b>Total</b>	867,048.4	100
Foreign	38.9	7	Foreign	116,660.0	13
VA	96.2	18	SC	128,834.2	15
SC	95.3	18	VA	76,217.0	9
KY	55.4	10	GA	63,446.9	7
GA	42.1	8	TN	50,899.2	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-07-048  
EDL 14218



Freight Analysis Framework



U.S. Department  
of Transportation

Federal Highway  
Administration