

FREIGHT

Freight Shipments To, From, and Within District of Columbia

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 | 2.1 | 100 | 2.3 | 100 | 16.1 | 100 | 1.2 | 100 | 2.8 | 100 | 80.7 | 100 |
| Truck | 1.4 | 66 | 2.3 | 99 | 7.9 | 49 | 1.1 | 94 | 2.7 | 99 | 41.6 | 52 |
| Rail | <0.1 | < 1.0 | <0.1 | 1 | <0.1 | <1 | <0.1 | < 1.0 | <0.1 | 1 | <0.1 | < 1.0 |
| Water | <0.1 | < 1.0 | <0.1 | < 1.0 | 0.9 | 5 | <0.1 | < 1.0 | <0.1 | < 1.0 | 3.8 | 5 |
| Air, air & truck | <0.1 | < 1.0 | <0.1 | < 1.0 | <0.1 | <1 | <0.1 | < 1.0 | <0.1 | < 1.0 | 0.3 | < 1.0 |
| Truck & rail | <0.1 | < 1.0 | <0.1 | < 1.0 | <0.1 | <1 | <0.1 | < 1.0 | <0.1 | < 1.0 | 0.1 | < 1.0 |
| Other intermodal¹ | <0.1 | < 1.0 | <0.1 | < 1.0 | <0.1 | <1 | <0.1 | < 1.0 | <0.1 | < 1.0 | 0.4 | < 1.0 |
| Pipeline & unknown² | 0.7 | 34 | <0.1 | < 1.0 | 7.3 | 45 | <0.1 | 6 | <0.1 | 0 | 34.3 | 43 |

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 | 1,316.0 | 100 | 4,830.9 | 100 | 20,214.5 | 100 | 2,718.0 | 100 | 5,940.8 | 100 | 121,122.7 | 100 |
| Truck | 1,053.3 | 80 | 4,741.5 | 98 | 11,918.9 | 59 | 2,607.0 | 96 | 5,462.0 | 92 | 62,670.8 | 52 |
| Rail | < 0.1 | <1 | 21.1 | <1 | 8.3 | <1 | < 0.1 | <1 | 18.6 | <1 | 30.2 | <1 |
| Water | < 0.1 | <1 | < 0.1 | <1 | 3.4 | <1 | < 0.1 | <1 | < 0.1 | <1 | 17.3 | <1 |
| Air, air & truck | < 0.1 | <1 | 5.0 | <1 | 2,675.4 | 13 | < 0.1 | <1 | 0.1 | <1 | 21,027.6 | 17 |
| Truck & rail | < 0.1 | <1 | < 0.1 | <1 | 32.3 | <1 | < 0.1 | <1 | < 0.1 | <1 | 208.9 | <1 |
| Other intermodal¹ | 7.8 | <1 | 58.6 | 1 | 3,026.9 | 15 | 10.4 | <1 | 456.3 | 8 | 25,851.9 | 21 |
| Pipeline & unknown² | 254.8 | 19 | 4.6 | <1 | 2,549.3 | 13 | 100.5 | 4 | 3.7 | <1 | 11,316.1 | 9 |

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 2.1 | Total 2.3 | Total 16.1 | Total 1,316.0 | Total 4,830.9 | Total 20,214.5 |
| Nonmetal min. prods. ¹ 0.9 | Waste/scrap 1.3 | Coal, n.e.c. ² 7.4 | Alcoholic bev. 316.0 | Printed prods. 1,333.6 | Electronics 5,279.3 |
| Coal, n.e.c. ² 0.7 | Printed prods. 0.4 | Nonmetal min. prods. ¹ 2.4 | Printed prods. 213.9 | Electronics 1,292.0 | Coal, n.e.c. ² 2,304.2 |
| Waste/scrap <0.1 | Nonmetal min. prods. ¹ 0.2 | Gravel 1.1 | Coal, n.e.c. ² 210.5 | Textiles/leather 1,026.1 | Machinery 2,160.9 |
| Alcoholic beverages <0.1 | Unknown <0.1 | Waste/scrap 0.9 | Electronics 96.5 | Chemical prods. 218.0 | Misc. mfg. prods. 1,271.4 |
| Printed prods. <0.1 | Mixed freight <0.1 | Unknown 0.8 | Machinery 81.7 | Machinery 175.7 | Meat/seafood 1,026.1 |

¹Nonmetallic mineral products; ²Coal and petroleum products, not elsewhere classified.

Top Trading Partners: 2002

| Tons (millions) | | | Value (\$ millions) | | |
|-----------------|--------|---------|---------------------|----------|---------|
| | Number | Percent | | Number | Percent |
| Total | 18.5 | 100 | Total | 25,045.4 | 100 |
| Foreign | 0.5 | 3 | Foreign | 688.0 | 3 |
| IN | 6.5 | 35 | MD | 6,852.9 | 27 |
| MD | 5.6 | 30 | VA | 5,204.9 | 21 |
| VA | 4.0 | 22 | IN | 2,121.3 | 8 |
| PA | 0.7 | 4 | MA | 2,042.1 | 8 |

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

Top Trading Partners: 2035

| Tons (millions) | | | Value (\$ millions) | | |
|-----------------|--------|---------|---------------------|-----------|---------|
| | Number | Percent | | Number | Percent |
| Total | 83.4 | 100 | Total | 127,063.5 | 100 |
| Foreign | 2.7 | 3 | Foreign | 6,842.0 | 5 |
| IN | 32.4 | 39 | MD | 25,734.2 | 20 |
| MD | 25.8 | 31 | VA | 20,034.0 | 16 |
| VA | 12.3 | 15 | MA | 11,658.8 | 9 |
| PA | 3.6 | 4 | IN | 10,335.0 | 8 |

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-07-019
EDL 14192



Freight Analysis Framework



U.S. Department
of Transportation

Federal Highway
Administration