# Table 2-1M. Weight of Shipments by Transportation Mode: 2007, 2009, and 2040 (millions of metric tonnes)

		20	07		2009				2040			
	Total	Domestic	<b>Exports</b> <sup>2</sup>	Imports <sup>2</sup>	Total	Domestic	<b>Exports</b> <sup>2</sup>	Imports <sup>2</sup>	Total	Domestic	<b>Exports</b> <sup>2</sup>	Imports <sup>2</sup>
Total	16,856	15,038	595	1,224	14,626	13,061	591	974	24,589	20,659	1,643	2,287
Truck	11,581	11,413	86	82	9,859	9,719	78	63	16,733	16,296	249	189
Rail	1,718	1,583	56	79	1,532	1,429	52	51	2,185	1,913	141	131
Water	720	326	47	347	666	318	46	301	1,037	437	95	505
Air, air & truck	12	2	4	5	10	2	4	4	37	5	14	18
Multiple modes & mail <sup>1</sup>	1,389	471	371	547	1,212	416	384	413	2,829	657	1,069	1,103
Pipeline	1,152	998	4	150	1,107	970	4	133	1,369	1,051	8	310
Other & unknown	284	244	27	14	240	208	24	8	399	301	66	32

In this table, multiple modes & mail includes export and import shipments that move domestically by a different mode than the mode used between the port and foreign location.

<sup>2</sup>Data do not include imports and exports that pass through the United States from a foreign origin to a foreign destination by any mode. Notes: 1 metric tonne = 1.1023 short tons. Numbers may not add to totals due to rounding. The 2009 data are provisional estimates, which are based on selected modal and economic trend data.

### Table 2-3M. Top Commodities: 2007

Millions of Metric T	onnes	Billions of Dollars					
Total, all commodities	17,534	Total, all commodities	16,536				
Gravel	2,053	Machinery	1,762				
Cereal grains	1,338	Electronics	1,432				
Coal	1,310	Motorized vehicles	1,269				
Non-metal mineral produc	ts 1,263	Mixed freight	1,058				
Waste/scrap	1,200	Pharmaceuticals	880				
Natural gas & related <sup>1</sup>	1,158	Textiles/leather	696				
Gasoline	912	Gasoline	691				
Fuel oils	675	Miscellaneous manufactured p	roducts 689				
Natural sands	517	Plastics/rubber	579				
Crude petroleum	507	Articles of base metal	573				

<sup>1</sup>Natural gas, selected coal products, and products of petroleum refining, excluding gasoline, aviation fuel, and fuel oil.

Note: 1 metric tonne = 1.1023 short tons.

 TABLE 2-1M.
 WEIGHT OF SHIPMENTS BY TRANSPORTATION MODE: 2007, 2009, AND 2040

 Source:
 U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1, 2010.

#### TABLE 2-3M. TOP COMMODITIES: 2007

Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1, 2010.



# APPENDIX A. SELECTED METRIC DAT

	Val	ue	Metric T	onnes	Tonne kil	ometers	Kilometers
							Average
							distance per
Transportation mode	\$ Billion	Percent	Millions	Percent	Billions	Percent	shipment
All modes, total	1,448	100.0	2,024	100.0	472	100.0	154
Single modes, total	1,371	94.6	1,916	94.6	408	86.3	105
Truck <sup>1</sup>	837	57.8	1,091	53.9	152	32.2	95
For-hire	359	24.8	449	22.2	92	19.6	344
Private <sup>2</sup>	478	33.0	642	31.7	59	12.6	51
Rail	69	4.8	118	5.8	135	28.5	930
Water	69	4.8	136	6.7	54	11.5	616
Air	2	0.1	S	S	S	S	1,762
Pipeline <sup>3</sup>	393	27.2	571	28.2	S	S	S
Multiple modes, total	71	4.9	101	5.0	63	13.3	1,342
Parcel, U.S. Postal Service, or Courier	8	0.5	<1	<0.1	<1	<0.1	1,345
Other multiple modes	28	1.9	51	2.5	25	5.3	375
Unknown and other modes, total	7	0.5	8	0.4	2	0.5	93

# Table 2-4M. Hazardous Materials Shipments by Transportation Mode: 2007

**Key:** S = data are not published because of high sampling variability or other reasons.

<sup>1</sup>Truck as a single mode includes shipments that went by private truck only, for-hire truck only, or a combination of both. <sup>2</sup>Private truck refers to a truck operated by a temporary or permanent employee of an establishment or the buyer/receiver of the shipment.

<sup>3</sup>Excludes crude oil shipments.

Notes: 1 metric tonne = 1.1023 short tons; 1 tonne kilometer = .6849 ton miles. Numbers and percents may not add to totals due to rounding.

# Table 2-5M. Hazardous Materials Shipments by Hazard Class: 2007

		Valu	le	Metric t	onnes	Tonne kile	ometers
Hazard class	Description	\$ Billions	Percent	Millions	Percent	Billions	Percent
Class 1	Explosives	12	0.8	3	0.1	<1	<0.1
Class 2	Gases	132	9.1	206	11.2	118	17.1
Class 3	Flammable liquids	1,170	80.8	1,443	78.6	387	56.3
Class 4	Flammable solids	4	0.3	17	0.9	12	1.7
Class 5	Oxidizers and organic peroxides	7	0.5	12	0.7	15	2.2
Class 6	Toxic (poison)	21	1.5	9	0.5	12	1.8
Class 7	Radioactive materials	21	1.4	<1	<0.1	<1	<0.1
Class 8	Corrosive materials	51	3.6	94	5.1	95	13.8
Class 9	Miscellaneous dangerous goods	30	2.1	52	2.8	49	7.1
Total		1,448	100.0	1,836	100.0	688	100.0

Notes: 1 metric tonne = 1.1023 short tons; 1 tonne kilometer = .6849 ton miles. Numbers and percents may not add to totals due to rounding.

TA So Tra

TABLE 2-4M. HAZARDOUS MATERIALS SHIPMENTS BY TRANSPORTATION MODE: 2007

Source: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of

Transportation Statistics and U.S. Department of Commerce, Census Bureau, 2007 *Commodity Flow Survey, Hazardous Materials* (Washington, DC: February 2010), table 1a, available at

www.bts.gov/publications/commodity\_flow\_survey/ as of May 25, 2010.

# TABLE 2-5M. HAZARDOUS MATERIALS SHIPMENTS BY HAZARD CLASS: 2007

**Source:** U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics and U.S. Department of Commerce, Census Bureau, 2007 *Commodity Flow Survey, Hazardous Materials* (Washington, DC: February 2010), table 1a, available at www.bts.gov/publications/commodity\_flow\_survey/ as of May 25, 2010.

## Table 2-6M. Domestic Mode of Exports and Imports by Tonnage and Value: 2007 and 2040

	Millions of Met	ric Tonnes	Billions of 20	07 Dollars
	2007	2040	2007	2040
Total	1,819	3,930	3,198	9,850
Truck <sup>1</sup>	692	1,734	1,343	3,880
Rail	235	493	197	419
Water	124	213	52	92
Air, air & truck <sup>2</sup>	9	32	927	3,606
Multiple modes & mail <sup>3</sup>	138	387	287	929
Pipeline	312	592	147	274
Other & unknown	37	93	112	457
No domestic mode <sup>4</sup>	270	387	134	193

<sup>1</sup>Excludes truck moves to and from airports.

<sup>2</sup>Includes truck moves to and from airports.

<sup>3</sup>Multiple modes & mail include U.S. Postal Service, courier shipments, and all intermodal combinations, except air and truck. In this table, oceangoing export and import shipments that move between ports and domestic locations by single modes are classified by the domestic mode rather than multiple modes & mail.

<sup>4</sup>No domestic mode includes waterbourne import shipments of crude

petroleum off-loaded directly at the domestic destination (refineries) with

no domestic mode of transportation.

**Notes:** 1 metric tonne = 1.1023 short tons. Numbers may not add to totals due to rounding.

# Table 2-8M. Value and Tonnage of U.S. Merchandise Trade with Canada and Mexico by Transportation Mode: 1998-2009 (billions of current U.S. dollars and millions of metric tonnes)

	19	99	200	04	20	08	200	09
Mode	Value	Weight	Value	Weight	Value	Weight	Value	Weight
Truck <sup>1</sup>	385	NA	453	NA	554	165	455	141
Rail <sup>1</sup>	78	NA	108	NA	140	134	96	98
Air	34	<1	32	<1	41	<1	39	<1
Water	23	166	46	222	93	211	59	172
Pipeline <sup>1</sup>	12	NA	39	NA	88	89	49	89
Other <sup>1</sup>	25	NA	34	NA	47	6	37	5
Total <sup>1</sup>	559	NA	712	NA	964	606	735	506

Key: NA = not available.

The U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics estimated the weight of exports for truck, rail, pipeline, and other modes using weight-to-value ratios derived from imported commodities that vary by country, mode, and commodity.

**Notes:** 1 metric tonne = 1.1023 short tons. Mode "Other" includes shipments transported by mail, other and unknown modes, and shipments through Foreign Trade Zones. Totals for the most recent year differ slightly from the Freight Analysis Framework due to variations in coverage and FAF conversion of values to constant dollars. Numbers may not add to totals due to rounding.

 TABLE 2-6M. DOMESTIC MODE OF EXPORTS AND IMPORTS BY TONNAGE AND VALUE: 2007 AND 2040

 Source:
 U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 3.1, 2010.

 TABLE 2-8M. VALUE AND TONNAGE OF U.S. MERCHANDISE TRADE WITH CANADA AND MEXICO BY TRANSPORTATION MODE: 1998-2009

 Source:
 U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation

 Statistics, North American Transborder Freight Data, available at www.bts.gov/transborder as of July 27, 2010; U.S. Department of Commerce, Census Bureau, Foreign Trade Division, FT920 - U.S. Merchandise Trade: Selected Highlights (Washington, DC: annual issues).

					Percent change, 1980
	1980	1990	2000	2008	to 2008
Public roads, route kilometers	6,211,518	6,222,926	6,358,386	6,532,576	5.2
National Highway System (NHS)	Ν	Ν	417,439	264,075	N
Interstates	66,173	72,536	75,109	75,657	14.3
Other NHS	Ν	Ν	184,287	188,418	N
Other	Ν	Ν	6,098,989	6,268,500	N
Strategic Highway Corridor Network (STRAHNET)	Ν	Ν	99,881	100,182	N
Interstate	Ν	Ν	75,113	75,657	N
Non-Interstate	Ν	Ν	24,765	24,525	N
Railroad	<sup>1</sup> 294,620	283,085	274,400	224,213	-23.9
Class I	NA	214,337	194,073	151,403	N
Regional	NA	29,570	33,759	26,859	N
Local	NA	39,165	46,567	45,951	N
Inland waterways					
Navigable channels	17,702	17,702	17,702	17,702	0.0
Great Lakes-St. Lawrence Seaway	3,769	3,769	3,769	3,769	0.0
Pipelines					
Oil	351,453	335,938	284,834	278,404	-20.8
Gas	1,692,588	1,913,743	2,203,573	2,454,136	45.0

Table 3-1M. Kilometers of Infrastructure by Transportation Mode: 1980-2008

**Key:** N = not applicable; NA = not available.

Excludes Class III railroads.

**Note:** 1 kilometer = .6214 miles.



(Arlington, VA: annual issues).

TABLE 3-1M. KILOMETERS OF INFRASTRUCTURE BY TRANSPORTATION MODE: 1980-2008

**Sources:** Public roads: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics* (Washington, DC: annual issues), tables HM-16 and HM-49, available at

www.fhwa.dot.gov/policyinformation/statistics/2008/ as of April 20, 2010. **Rail:** Association of American Railroads, *Railroad Facts* (Washington, DC: annual issues). **Navigable channels:** U.S. Army Corps of Engineers, *A Citizen's Guide to the USACE*, available at www.corpsreform.org/sitepages/downloads/CitzGuideChptr1.pdf as of April 25, 2010. **Great Lakes-St. Lawrence Seaway:** The St. Lawrence Seaway Development Corporation, "The Seaway," available at

www.greatlakes-seaway.com/en/seaway/facts/index.html as of April 25, 2010. **Oil pipelines: 1980-2000:** Eno Transportation Foundation, *Transportation in America, 2002* (Washington, DC: 2002). **2001-2008:** U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Pipeline Safety, *Pipeline Statistics*, available at www.phmsa.dot.gov/pipeline/library/data-stats as of April 25, 2010. **Gas pipelines:** American Gas Association, *Gas Facts* 



# APPENDIX A. SELECTED METRIC DATA

# Table 3-3M. Trucks and Truck Kilometers by Average Weight: 1987-2002

									Percent Ch	ange,
	1983	7	199	2	199	7	200	2	1987 to 2	002
Average weight (kilograms)	Number (thousands)	VKT (millions)	Number (thousands)	VKT (millions)	Number (thousands)	VKT (millions)	Number (thousands)	VKT (millions)	Number	VKT
Total	3,624	144,789	4,008	168,952	4,701	237,972	5,415	234,348	49	62
Light-heavy	1,030	17,328	1,259	22,550	1,436	31,888	1,914	42,252	86	144
4,536 to 6,350	525	8,754	694	12,874	819	18,509	1,142	24,439	118	179
6,351 to 7,257	242	4,407	282	4,791	316	6,359	396	9,508	64	116
7,258 to 8,845	263	4,168	282	4,884	301	7,020	376	8,306	43	99
Medium-heavy	766	12,200	732	13,103	729	16,301	910	18,934	19	55
8,846 to 11,793	766	12,200	732	13,103	729	16,301	910	18,934	19	55
Heavy-heavy	1,829	115,261	2,017	133,299	2,536	189,782	2,591	173,161	42	50
11,794 to 14,969	377	8,707	387	9,163	428	11,414	437	9,407	16	8
14,969 to 18,144	209	6,619	233	8,505	257	10,612	229	6,066	10	-8
18,144 to 22,680	292	12,271	339	15,484	400	21,046	318	10,778	9	-12
22,680 to 27,216	188	11,517	227	13,998	311	20,361	327	14,404	74	25
27,216 to 36,287	723	73,123	781	82,143	1,070	120,250	1,179	124,701	63	71
36,288 to 45,359	28	2,018	33	2,460	46	3,906	69	4,747	144	135
45,360 to 58,967	8	708	12	1,181	18	1,691	26	2,528	238	257
58,967 or more	4	298	5	365	6	502	6	530	43	78

**Key:** VKT = vehicle kilometers traveled.

<sup>1</sup>Excludes trucks with an average weight of 4,536 kilograms (10,000 pounds) or less.

**Notes:** 1 kilometer = .6214 miles; 1 kilogram = 2.2046 pounds. Weight includes the empty weight of the vehicle plus the average weight of the load carried. Numbers may not add to totals due to rounding.



# APPENDIX A. SELECTED METRIC DAT

	Number of Trucks (thousands)	Truck Kilometers (millions)	Kilometers per Truck (thousands)
Total	5,521	233,622	42
Off the road	183	3,641	20
50 miles or less	2,942	68,444	23
51 to 100 miles	685	30,836	45
101 to 200 miles	244	18,957	78
201 to 500 miles	232	28,194	122
501 miles or more	293	42,978	147
Not reported	716	40,330	56
Not applicable	226	241	1
Operated in Canada	2	116	69
Operated in Mexico	2	47	30
Operated within the home base state	4,196	136,746	33
Operated in states other than the home base sta	te 496	65,821	133
Not reported	599	30,650	51
Not applicable	226	241	1

# Table 3-6M. Trucks, Truck Kilometers, and Average Distance by Range of Operations and Jurisdictions: 2002

**Notes:** 1 kilometer = 0.6214 miles. Includes trucks registered to companies and vehicles in the United States except pick-ups, minivans, other light cars, and sport utility vehicles. Numbers may not add to totals due to rounding.





 TABLE 3-6M. TRUCKS, TRUCK KILOMETERS, AND AVERAGE DISTANCE BY RANGE OF OPERATIONS AND JURISDICTIONS: 2002

 Source:
 U.S. Department of Commerce, Census Bureau, 2002 Vehicle Inventory and Use Survey: United States,

 EC02TV-US, table 3a (Washington, DC: 2004), available at www.census.gov/prod/ec02/ec02tv-us.pdf as of June 2, 2010.

# . PPENDIX A. SELECTED METRIC DATA

# Table 3-7M. Truck Kilometers by Products Carried: 2002<sup>1</sup>

Animals and fish, live1,182Animal feed and products of animal origin3,360Grains, cereal2,201All other agricultural products4,282Basic chemicals1,410Fertilizers and fertilizer materials2,681Pharmaceutical products and preparations2,174All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Swood products5,7130Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,908Tools, powered12,487Tools, powered12,487Tools, powered10,424Electronic and other electrical equipment4,866Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181All other transportation equipment1,024Coal484Crude petroleum2122Gravel or rushed stone4,490Metallic ores and concentrates73All other ronsportation equipment1,024All other ronsportation equipment1,024Coal484All other roal and refined petroleum products1,860	Products carried	Millions of kilometers
Animal feed and products of animal origin3,360Grains, cereal2,201All other agricultural products4,282Basic chemicals1,410Fertilizers and fertilizer materials2,681Pharmaceutical products and preparations2,174All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products7,177All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Taxtile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Monumentall or building stone7,440Monumentall or building stone7,480All other coal and refined petroleum products1,886Plastic and rubber3,850All other coal and refined petroleum products1,886 <td>Total<sup>2</sup></td> <td>233,622</td>	Total <sup>2</sup>	233,622
Grains, cereal2,201All other agricultural products4,282Basic chemicals1,410Fertilizers and fertilizer materials2,681Pharmaceutical products and preparations2,174All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,0212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other waste and scrape (non-EPA manifest)4,260<	Animals and fish, live	1,182
All other agricultural products4,282Basic chemicals1,410Fertilizers and fertilizer materials2,681Pharmaceutical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Monumental or building stone744Natural sands1,753All other roal and refined petroleum products1,882Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,800All other waste and scrape (non-EPA manifest)4,260Recyclable products1,886Hazardous waste (EPA manifest)3,800 <t< td=""><td>Animal feed and products of animal origin</td><td>3,360</td></t<>	Animal feed and products of animal origin	3,360
Basic chemicals1,410Fertilizers and fertilizer materials2,681Pharmaceutical products and preparations2,174All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other ransportation equipment1,024Coal4440Munumental or building stone744Natural sands1,753All other waste and scrape (non-EPA manifest)3,805All other waste and scrape (non-EPA manifest)4,260Fuel oils1,886Hazardous waste (EPA manifest)3,805All other waste and scrape (non-EPA manifest)4,260Recyclable products1,	Grains, cereal	2,201
Fertilizers and fertilizer materials2,681Pharmaceutical products491All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or ushed stone4,490All other coal and refined petroleum products1,889All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,800All other roas dorcentrates73Monumental or building stone7	All other agricultural products	4,282
Pharmaceutical products491All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal4,490Metallic ores and concentrates733Monumental or building stone744Natural sands1,753All other waste and scrape (non-EPA manifest)4,260Pasic and rubber3,800All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Products equipment, or materials not elsewhere classified4,260 <td>Basic chemicals</td> <td>1,410</td>	Basic chemicals	1,410
All other chemical products and preparations2,174Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,300Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,447Tools, nonpowered12,487Tools, nonpowered12,487Tools, nonpowered2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone744Matallic ores and concentrates73Monumental or building stone744Matallic ores and concentrates3,850All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,053All other waste and scrape (non-EPA manifest)4,266Hazardous waste (EPA manifest)3,650All other waste and scrape (non-EPA manifest)4,260Mail and courier parcels7,660Products and refined petroleum products1,886Hazardous waste (EPA manifest)3,650	Fertilizers and fertilizer materials	2,681
Alcoholic beverages1,808Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal444Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Maid and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight2,3590Products equipment, or materials not els		491
Bakery and milled grain products5,717Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight2,3590Products, equipment, or materials not e	All other chemical products and preparations	2,174
Meat, seafood, and their preparations4,918Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,868Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal444Crude petroleum212Gravel or rushed stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight2,590<		1,808
Tobacco products717All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,650All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,650All other spacels7,660Empty shipping containers1,278Passengers <td></td> <td>5,717</td>		5,717
All other prepared foodstuffs11,953Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other roal and refined petroleum products1,886Hazardous waste (EPA manifest)3,660All other waste and scrape (non-EPA manifest)4,260Passengers4,400Mixed freight23,590Products, equipment, or materials not elsewhere classified4,260Products not specified4,260Products not specified4,260	Meat, seafood, and their preparations	4,918
Logs and other wood in the rough1,849Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,7301Base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,868Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal444Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,735Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Ernpty shipping containers1,278Passengers4,400Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products, equipment, or materials not elsewhere classified<	Tobacco products	717
Paper or paperboard articles5,052Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,730Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,0212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,735Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers4,400Mixed freight23,590Products, equipment, or materials not elsewhere classified4266Products not specified10,232		11,953
Printed products1,231Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal444Crude petroleum212Gravel or rushed stone73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,650All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,660All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified4,260Products not specified406Products not specifie		1,849
Pulp, newsprint, paper, paperboard3,115Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,036Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste (EPA manifest)3,064All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified4,260Products not specified406Products not specified10,232		
Wood products5,730Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,474Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		
Articles of base metal5,301Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		
Base metal in primary or semifinished forms4,637Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,885Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426		
Nometallic mineral products4,906Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426		
Tools, nonpowered12,487Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		
Tools, powered10,424Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426Products not specified426		
Electronic and other electrical equipment4,866Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426		
Furniture, mattresses, lamps, etc.3,288Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426Products not specified426		
Machinery5,190Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426		
Miscellaneous manufactured products6,449Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified10,232		
Precision instruments and apparatus1,181Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426Products not specified426		
Textile, leather, and related articles2,475Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426Products not specified426	· ·	
Vehicles, including parts6,186All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		
All other transportation equipment1,024Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		
Coal484Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)3,066All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
Crude petroleum212Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified426		
Gravel or rushed stone4,490Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
Metallic ores and concentrates73Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
Monumental or building stone744Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
Natural sands1,753All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
All other nonmetallic minerals802Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232		
Fuel oils1,983Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232	All other nonmetallic minerals	
Gasoline and aviation turbine fuel1,365Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232	Fuel oils	
Plastic and rubber3,850All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232	Gasoline and aviation turbine fuel	
All other coal and refined petroleum products1,886Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products not specified426Products not specified10,232	Plastic and rubber	
Hazardous waste (EPA manifest)306All other waste and scrape (non-EPA manifest)4,260Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232	All other coal and refined petroleum products	
Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		306
Recyclable products1,484Mail and courier parcels7,660Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232	All other waste and scrape (non-EPA manifest)	4,260
Empty shipping containers1,278Passengers440Mixed freight23,590Products, equipment, or materials not elsewhere classified426Products not specified10,232		1,484
Passengers       440         Mixed freight       23,590         Products, equipment, or materials not elsewhere classified       426         Products not specified       10,232	Mail and courier parcels	7,660
Mixed freight       23,590         Products, equipment, or materials not elsewhere classified       426         Products not specified       10,232	Empty shipping containers	1,278
Products, equipment, or materials not elsewhere classified         426           Products not specified         10,232	Passengers	440
Products not specified 10,232	Mixed freight	23,590
	Products, equipment, or materials not elsewhere classified	426
		10,232
	Not applicable <sup>3</sup>	241
No product carried 46,632	No product carried	46,632

<sup>1</sup>Excludes pickups, panels, minivans, sport utilities, and station wagons. <sup>2</sup>Detail lines may not add to total because multiple products/hazardous materials may be carried at the same time.

<sup>2</sup>Vehicles not in use. When the respondent had partial-year ownership of the vehicle, annual miles were adjusted to reflect miles traveled when not owned by the respondent.

**Note:** 1 kilometer = 0.6214 miles.

# TABLE 3-7M. TRUCK KILOMETERS BY PRODUCTS CARRIED: 2002

**Source:** U.S. Department of Commerce, Census Bureau, *2002 Vehicle Inventory and Use Survey: United States*, EC02TV-US (Washington, DC: 2004), available at www.census.gov/prod/ec02/ec02tv-us.pdf as of June 2, 2010.

	2008	(t	Lar housand	nded wei Is of met		s)
Airport	Rank	2000	2005	2006	2007	2008
Memphis, TN (Memphis International)	1	5,732	8,476	8,550	8,865	8,845
Anchorage, AK (Ted Stevens Anchorage International) <sup>2</sup>	2	7,333	9,402	9,605	9,582	8,143
Louisville, KY (Louisville International-Standiford Field)	3	3,617	4,165	4,550	4,732	4,738
Miami, FL (Miami International)	4	2,657	3,221	3,258	3,370	3,170
Los Angeles, CA (Los Angeles International)	5	2,624	2,655	3,290	3,112	2,609
Indianapolis, IN (Indianapolis International)	6	2,616	2,309	2,383	2,406	2,326
New York, NY (John F. Kennedy International)	7	2,534	2,550	2,372	2,320	2,016
Chicago, IL (O'Hare International)	8	1,870	2,188	2,003	1,996	1,908
Oakland, CA (Metropolitan Oakland International)	9	1,643	1,631	1,631	1,643	1,580
Newark, NJ (Newark Liberty International)	10	1,779	1,697	1,694	1,700	1,566
Fort Worth, TX (Dallas/Fort Worth International)	11	1,534	1,502	1,562	1,591	1,464
Ontario, CA (Ontario International)	12	1,107	1,219	1,271	1,265	1,225
Philadelphia, PA (Philadelphia International)	13	1,319	1,271	1,239	1,248	1,146
Atlanta, GA (William B. Hartsfield International)	14	989	920	1,070	1,144	1,059
Honolulu, HI (Honolulu International)	15	628	751	888	1,028	936
San Francisco, CA (San Francisco International)	16	1,149	723	752	943	703
Houston, TX (George Bush Intercontinental)	17	435	644	631	698	684
Seattle, WA (Seattle-Tacoma International)	18	961	643	643	627	677
Chicago/Rockford, IL (Chicago/Rockford International)	19	593	632	631	669	644
Phoenix, AZ (Sky Harbor International)	20	835	706	659	645	612
Portland, OR (Portland International)	21	800	677	662	647	595
Denver, CO (Denver International)	22	817	692	645	583	567
Minneapolis, MN (Minneapolis-St Paul International/Wold-Chamberlain)	23	564	637	562	555	510
Salt Lake City, UT (Salt Lake City International)	24	681	535	497	486	473
Boston, MA (General Edward Lawrence Logan International)	25	638	521	499	481	446
Top 25 airports <sup>3</sup>		47,520	50,762	51,686	52,359	48,645
United States, all airports <sup>4</sup>		67,807	69,029	69,275	69,476	64,666
Top 25 as % of U.S. total		70.1	73.5	74.6	75.4	75.2

# Table 3-10M. Top 25 Airports by Landed Weight of All-Cargo Operations: 2000-20081

Dedicated to the exclusive transportation of cargo, all-cargo operations do not include aircraft carrying passengers that also may be carrying cargo. Aircraft landed weight is the certificated maximum gross landed weight of the aircraft as specified by the aircraft manufacturers.

<sup>2</sup>Anchorage includes a large proportion of all-cargo operations in-transit.

<sup>3</sup>Airport rankings change each year. Totals represent the top 25 airports for each year, not necessarily the top 25 airports listed here for 2008.

<sup>4</sup>Limited to airports with an aggregate landed weight in excess of 100 million pounds (50,000 short tons) annually. **Note:** 1 metric tonne = 1.1023 short tons.



 TABLE 3-10M. TOP 25 AIRPORTS BY LANDED WEIGHT OF ALL-CARGO OPERATIONS: 2000-2008

 Source:
 U.S. Department of Transportation, Federal Aviation Administration, Air Carrier Activity Information System (ACAIS) database, All-Cargo Data, available at

www.faa.gov/airports\_airtraffic/airports/planning\_capacity/passenger\_allcargo\_stats/passenger/media/cy07\_cargo.pdf as of July 7, 2010.

# PPENDIX A. SELECTED METRIC DAT

# Table 5-7M. Fuel Consumption by Transportation Mode: 1980-2008

4000				
1980	1990	2000	2007	2008
435,125	494,909	615,273	(R) 666,880	646,349
75,549	92,695	133,342	(R) 146,061	138,922
26,204	31,631	36,196	(R) 38,016	37,429
49,345	61,064	97,146	(R) 108,045	101,493
17.4	18.7	21.7	21.9	21.5
14,777	11,790	14,005	15,375	14,709
33,883	23,944	24,262	23,948	19,174
5,594	7,816	8,558	7,282	4,495
3,982	4,921	4,254	4,624	4,301
17,970	18,684	18,185	(R) 17,595	18,348
	75,549 26,204 49,345 17.4 14,777 33,883 5,594 3,982	435,125         494,909           75,549         92,695           26,204         31,631           49,345         61,064           17.4         18.7           14,777         11,790           33,883         23,944           5,594         7,816           3,982         4,921	435,125         494,909         615,273           75,549         92,695         133,342           26,204         31,631         36,196           49,345         61,064         97,146           17.4         18.7         21.7           14,777         11,790         14,005           33,883         23,944         24,262           5,594         7,816         8,558           3,982         4,921         4,254	435,125         494,909         615,273         (R) 666,880           75,549         92,695         133,342         (R) 146,061           26,204         31,631         36,196         (R) 38,016           49,345         61,064         97,146         (R) 108,045           17.4         18.7         21.7         21.9           14,777         11,790         14,005         15,375           33,883         23,944         24,262         23,948           5,594         7,816         8,558         7,282           3,982         4,921         4,254         4,624

**Key:** R = revised.

**Notes:** 1 liter = 0.2642 gallons; 1 cubic meter = 35.3147 cubic feet.

#### Table 5-8M. Single-Unit Truck Fuel Consumption and Travel: 1980-2008

	1980	1990	2000	2007	2008
Number registered (thousands)	4,374	4,487	5,926	6,807	6,791
Vehicle kilometers (millions)	64,070	83,523	113,453	(R) 131,983	135,100
Fuel consumed (million liters)	26,204	31,631	36,196	(R) 38,017	37,429
Average kilometers traveled per vehicle	14,649	18,614	19,145	(R) 19,390	19,894
Average kilometers traveled per liter	2.4	2.6	3.1	3.5	3.6
Average fuel consumed per vehicle (liter)	5,991	7,050	6,108	(R) 5,585	5,512

**Key:** R = revised.

Notes: 1 kilometer = 0.6214 miles; 1 liter = 0.2642 gallons.

TABLE 5-7M. FUEL CONSUMPTION BY TRANSPORTATION MODE: 1980-2008

Sources: Highway: U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics* (Washington, DC: annual issues), table VM-1, available at www.fhwa.dot.gov/policyinformation/statistics/2008/ as of April 20, 2010. Rail: Association of American Railroads, *Railroad Facts* (Washington, DC: annual issues), p. 40. Water: U.S. Department of Energy, Energy Information Administration, *Fuel Oil and Kerosene Sales 2008* (Washington, DC: 2009), tables 2, 4, and similar tables in earlier editions. Pipeline: U.S. Department of Energy, *Natural Gas Annual 2008* (Washington, DC: January 2010), table 15 and similar tables in earlier editions.

# TABLE 5-8M. SINGLE-UNIT TRUCK FUEL CONSUMPTION AND TRAVEL: 1980-2008

**Source:** U.S. Department of Transportation, Federal Highway Administration, *Highway Statistics* (Washington, DC: annual issues), table VM-1, available at www.fhwa.dot.gov/policyinformation/statistics/2008/ as of April 25, 2010.

# Table 5-9M. Combination Truck Fuel Consumption and Travel: 1980-2008

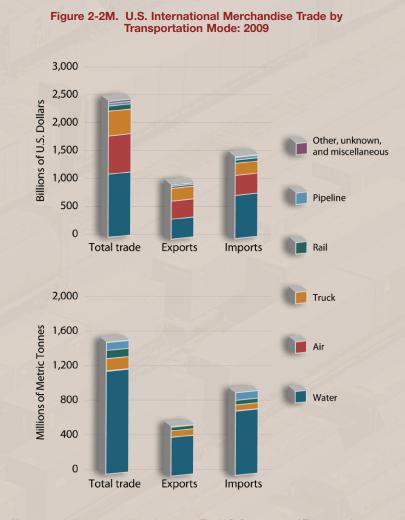
	1980	1990	2000	2007	2008
Number registered (thousands)	1,417	1,709	2,097	2,221	2,216
Vehicle kilometers traveled (millions)	110,521	151,820	217,284	(R) 233,418	230,941
Fuel consumed (million liters)	49,345	61,064	97,145	(R) 108,043	101,493
Average kilometers traveled per vehicle	78,004	88,841	103,635	(R) 105,096	104,222
Average kilometers traveled per liter	2.2	2.5	2.2	2.2	2.3
Average fuel consumed per vehicle (liters)	34,827	35,733	46,334	(R) 48,646	45,803

Key: R = revised.

**Notes:** 1 kilometer = 0.6214 miles; 1 liter = 0.2642 gallons.







**Notes:** 1 metric tonne = 1.1023 short tons. The U.S. Department of Transportation (USDOT), Research and Innovative Technology Administration, Bureau of Transportation Statistics estimated 2009 weight data for truck, rail, and pipeline modes using value-to-weight ratios derived from imported commodities. Totals for the most recent year differ slightly from the USDOT, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework (FAF) due to variations in coverage and FAF conversion of values to constant dollars. Numbers may not add to totals due to rounding.

FIGURE 2-2M. U.S. INTERNATIONAL MERCHANDISE TRADE BY TRANSPORTATION MODE: 2009 Sources: Total, water and air data: U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Division, FT920 - U.S. Merchandise Trade: Selected Highlights (Washington, DC: January 2010). Truck, rail, and pipeline data: U.S.

- U.S. Merchandise Trade: Selected Highlights (Washington, DC: January 2010). Truck, rail, and pipeline data: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transporation Statistics, North American Transborder Freight Data, available at www.bts.gov/transborder as of August 15, 2010. Other, unknown and miscellaneous data: special tabulation, August 2010.