



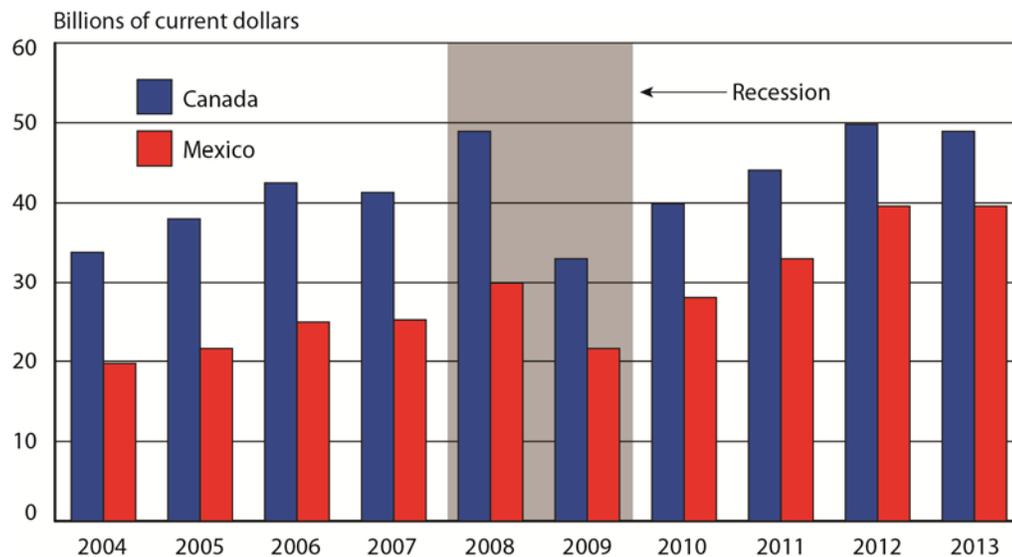
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BTS Data

BTS 20-13
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Trucks transported 59% of U.S.-NAFTA trade in February 2013

Figure 1. February U.S.-NAFTA Freight Flows by All Modes of Transportation, 2004-2013 (February of each year)



SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

Trucks carried 59.1 percent of the \$88.4 billion of freight moved in February 2013 between the U.S. and its North American Free Trade Agreement (NAFTA) partners, Canada and Mexico, followed by rail at 15.3 percent, vessels at 9.7 percent, pipelines at 7.7 percent and air at 3.6 percent, according to the Bureau of Transportation Statistics (BTS) of the U.S. Department of Transportation (Figure 3). The surface transportation modes of truck, rail and pipeline carried 82.1 percent of the total NAFTA freight flows.

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NORTH AMERICAN FREIGHT FLOWS

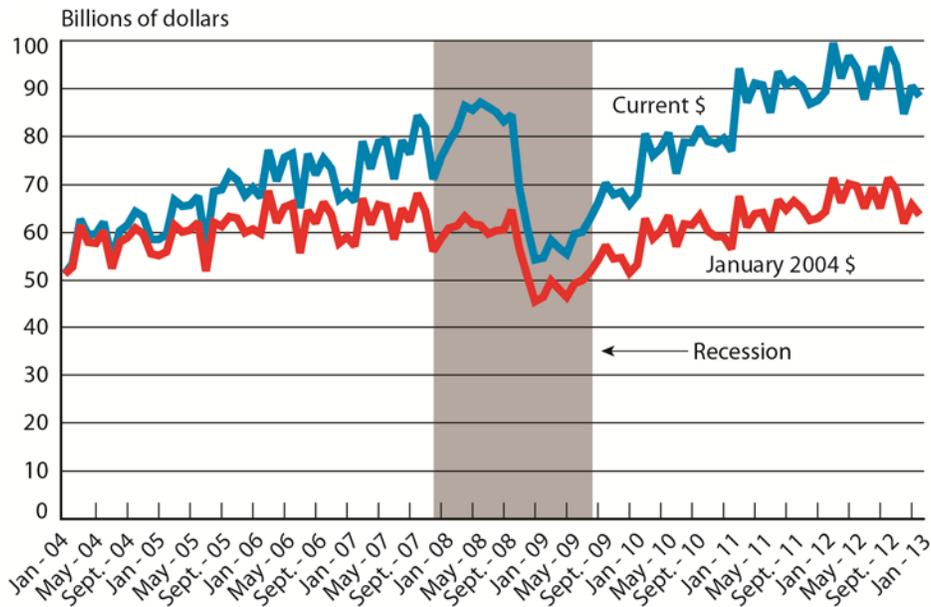
ADD ONE

BTS, a part of the Department's Research and Innovative Technology Administration, reported that in February, for freight flows with Canada, trucks carried 54.4 percent of the \$48.9 billion, followed by rail at 17.0 percent, pipelines at 13.3 percent, vessels at 5.3 percent and air at 4.4 percent (Figure 3A and Table 4). The surface transportation modes of truck, rail and pipeline carried 84.7 percent of the total U.S.-Canada freight flows.

For freight flows with Mexico in February, trucks carried 64.8 percent of the \$39.6 billion, followed by vessels at 15.2 percent, rail at 13.2 percent, air at 2.8 percent and pipelines at 0.8 percent (Figure 3B and Table 7). The surface transportation modes of truck, rail and pipeline carried 78.8 percent of the total U.S.-Mexico freight flows.

Beginning with January 2013, BTS monthly TransBorder press releases contain data for all modes of transportation. Press releases and the [BTS website](#) now define surface transportation modes as truck, rail and pipeline. Data on surface modes can be found in Figure 3 and in Tables 2, 3, 4 and 7. See [North American Transborder Freight Data](#) on the BTS website for additional data for surface modes since 1995 and all modes since 2004.

**Figure 2. Monthly U.S.-NAFTA Freight Flows
January 2004- February 2013**



SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

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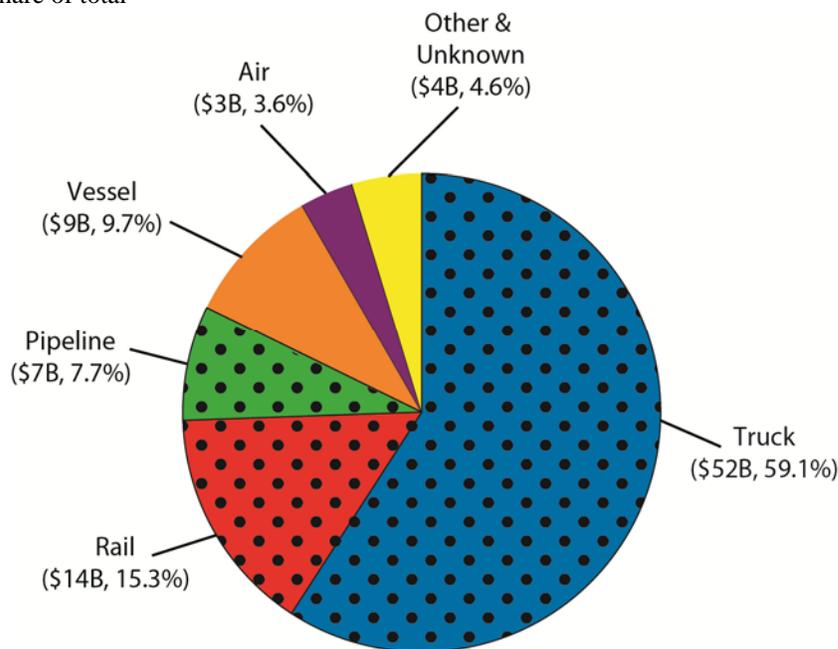
NORTH AMERICAN FREIGHT FLOWS ADD TWO

The value of goods moving between the U.S. and its NAFTA partners by all modes of transportation decreased by 1.0 percent from February 2012 and rose 61.8 percent from February 2009, the lowest February during the last recession (*Table 3*). Goods moving by truck, pipeline, and air each declined, while rail and vessel transportation both increased from the same month last year. Data in this press release are not adjusted for inflation, except for the monthly totals illustrated in *Figure 2* for comparison.

All modes of transportation cited in the following tables include freight movements by truck, rail, vessel, pipeline, air, [other](#) and unknown modes of transport. Figure 3 below provides a breakdown by value and percentage of each mode of freight transportation used in moving goods between the U.S. and its NAFTA partners in February. The dotted slices represent surface modes, which accounted for 82.1 percent of the total. By value, truck is the most heavily utilized mode for moving goods to and from both U.S.-NAFTA partners, accounting for \$27.2 billion of exports and \$25.0 billion of imports.

Figure 3. U.S.-NAFTA Freight by Mode, February 2013

Current dollars, Share of total



SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

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NORTH AMERICAN FREIGHT FLOWS

ADD THREE

Freight flows on all modes of transportation between the U.S. and its NAFTA partners decreased 2.3 percent in February 2013 from January 2013, measured in current dollars (Table 2). Freight moving across the border by truck decreased by 2.7 percent, while freight moving by rail increased by 4.8 percent from one month prior. Month-to-month changes can be affected by seasonal factors such as the number of days in each month.

From February 2012 to February 2013, the value of freight carried by truck fell by 2.5 percent while the value of freight carried by rail increased 0.8 percent. For statistics by mode and individual NAFTA partner, see Table 4 for Canada and Table 7 for Mexico.

In February, Michigan led all states in goods transported to and from Canada, at \$6.0 billion (Table 5). New York had the largest year-to-year percentage increase among the top 10 states, at 6.1 percent. Indiana had the largest year-to-year decrease at 16.4 percent. The top commodity category transported between the U.S. and Canada in February was mineral fuels moved by pipeline, valued at \$6.5 billion, of which \$5.7 billion was imported (Table 6).

Texas continued to lead all states in goods transported to and from Mexico by all modes of transportation at \$15.4 billion (Table 8). Louisiana had the largest year-to-year percentage increase among the top 10 states, at 64.9 percent. California had the largest year-to-year decrease at 7.5 percent. The top commodity category transported between the U.S. and Mexico in February was electrical machinery moved by truck, valued at \$6.5 billion, of which \$3.9 billion was imported (Table 9).

Additional data adjusted for inflation and exchange rates can be found on the BTS website under [TransBorder Indexed Freight Flow Data](#). The BLS indexes used in the adjustments for inflation and exchange rates may be revised in each of the three months after original publication. For example, index values released in February 2012 were subject to revision in February, March and April of that year.

For more information, see [TransBorder Press Releases](#) for previous press releases and summary tables. See [TransBorder Freight Data](#) for data from previous months, and individual state data. BTS has scheduled the release of March TransBorder numbers for May 29.

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NORTH AMERICAN FREIGHT FLOWS
ADD FOUR

**Table 1. Value of Monthly U.S.-NAFTA Freight Flows
(millions of current dollars)**

Month	2011	2012	2013	Percent Change 2011-2012	Percent Change 2012-2013
January	79,608	87,490	90,512	9.9	3.5
February	77,015	89,385	88,449	16.1	-1.0
March	94,228	99,510		5.6	
April	87,097	92,199		5.9	
May	91,126	96,840		6.3	
June	90,663	94,200		3.9	
July	84,952	87,691		3.2	
August	93,450	94,593		1.2	
September	90,771	89,875		-1.0	
October	91,837	98,632		7.4	
November	90,401	94,877		5.0	
December	86,775	84,695		-2.4	
Year-to-date	156,624	176,875	178,961	12.9	1.2
Annual	1,057,924	1,109,988		4.9	

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

NOTE: Numbers might not add to totals due to rounding. Percent changes based on numbers prior to rounding.

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NORTH AMERICAN FREIGHT FLOWS
ADD FIVE

Table 2. Value of Monthly U.S.-NAFTA Freight Flows by All Modes of Transportation
(millions of current dollars)

Mode		February 2012	January 2013	February 2013	Percent Change January 2013 - February 2013	Percent Change February 2012 - 2013
All Modes	Imports	49,012	49,513	47,648	-3.8	-2.8
	Exports	40,373	40,999	40,801	-0.5	1.1
	Total	89,385	90,512	88,449	-2.3	-1.0
All Surface Modes	Imports	40,787	40,547	39,573	-2.4	-3.0
	Exports	33,385	33,417	33,009	-1.2	-1.1
	Total	74,172	73,965	72,582	-1.9	-2.1
Truck	Imports	26,087	25,684	25,008	-2.6	-4.1
	Exports	27,491	28,014	27,239	-2.8	-0.9
	Total	53,578	53,698	52,247	-2.7	-2.5
Rail	Imports	8,668	8,386	8,770	4.6	1.2
	Exports	4,751	4,518	4,751	5.2	0.0
	Total	13,419	12,904	13,521	4.8	0.8
Pipeline	Imports	6,032	6,478	5,795	-10.5	-3.9
	Exports	1,144	885	1,018	15.0	-11.0
	Total	7,176	7,363	6,813	-7.5	-5.1
Vessel	Imports	5,295	5,809	5,401	-7.0	2.0
	Exports	2,475	3,020	3,199	5.9	29.2
	Total	7,770	8,830	8,600	-2.6	10.7
Air	Imports	1,519	1,497	1,378	-7.9	-9.2
	Exports	1,962	1,955	1,849	-5.4	-5.8
	Total	3,481	3,453	3,227	-6.5	-7.3

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

NOTES: Numbers might not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all modes is not equal to the sum of truck, rail, pipeline, vessel and air modes, it also includes shipments made by mail, foreign trade zones, and other transportation. For additional detail, please refer to the "Data Fields" section of the TransBorder web page:

http://www.bts.gov/programs/international/TransBorder/TBDR_DataFields.html

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NORTH AMERICAN FREIGHT FLOWS
ADD SIX

Table 3. Percent Change in Value of U.S.-NAFTA Freight Flows by Mode

February 2013 Compared to February in...	Percent Change					
	Truck	Rail	Pipeline	Air	Vessel	All Modes
2012	-2.5	0.8	-5.1	-7.3	10.7	-1.0
2011	14.0	22.9	8.8	-3.6	20.6	14.8
2010	28.2	30.7	28.1	2.9	63.8	30.3
2009	52.9	94.8	80.0	6.6	132.1	61.8
2008	12.3	14.8	-3.9	1.4	38.6	12.3
2007	23.1	38.2	60.2	19.2	108.2	33.0
2006	27.6	33.2	22.5	23.1	73.6	31.3
2005	38.1	42.6	97.0	33.7	136.3	48.3
2004	52.2	58.3	133.4	36.7	189.3	65.3

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

Note: Numbers may not add to totals due to rounding. Percent change based on numbers prior to rounding.

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NORTH AMERICAN FREIGHT FLOWS
ADD SEVEN

Table 4. Value of Monthly U.S.-Canada Freight Flows by All Modes of Transportation
(millions of current dollars)

Mode		February 2012	January 2013	February 2013	Percent Change January 2013 - February 2013	Percent Change February 2012 - 2013
All Modes	Imports	26,304	27,963	25,733	-8.0	-2.2
	Exports	23,480	23,049	23,141	0.4	-1.4
	Total	49,784	51,013	48,874	-4.2	-1.8
All Surface Modes	Imports	22,903	23,570	22,215	-5.8	-3.0
	Exports	19,511	18,822	19,195	2.0	-1.6
	Total	42,414	42,392	41,410	-2.3	-2.4
Truck	Imports	11,193	11,294	10,779	-4.6	-3.7
	Exports	16,124	15,774	15,807	0.2	-2.0
	Total	27,317	27,068	26,586	-1.8	-2.7
Rail	Imports	5,696	5,816	5,663	-2.6	-0.6
	Exports	2,581	2,431	2,648	8.9	2.6
	Total	8,276	8,247	8,311	0.8	0.4
Pipeline	Imports	6,015	6,460	5,773	-10.6	-4.0
	Exports	807	617	739	19.8	-8.4
	Total	6,821	7,078	6,512	-8.0	-4.5
Vessel	Imports	1,584	2,209	1,758	-20.4	11.0
	Exports	586	891	809	-9.2	38.1
	Total	2,170	3,100	2,567	-17.2	18.3
Air	Imports	770	893	850	-4.9	10.4
	Exports	1,405	1,353	1,277	-5.6	-9.1
	Total	2,175	2,246	2,127	-5.3	-2.2

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

NOTES: Numbers might not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all modes is not equal to the sum of truck, rail, pipeline, vessel and air modes, it also includes shipments made by mail, foreign trade zones, and other transportation. For additional detail, please refer to the "Data Fields" section of the TransBorder web page:

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NORTH AMERICAN FREIGHT FLOWS
ADD EIGHT

Table 5. Top 10 State Freight Flows with Canada by All Modes of Transportation
Ranked by February 2013 Trade Value
(millions of current dollars)

State	February 2012		February 2013		Percent Change February 2012- 2013
	Value	Rank	Value	Rank	
Michigan	6,055	1	6,035	1	-0.3
Illinois	5,215	2	4,709	2	-9.7
Texas	3,115	3	3,172	3	1.8
California	3,028	4	3,095	4	2.2
Ohio	2,996	5	2,790	5	-6.9
New York	2,432	6	2,581	6	6.1
Washington	1,927	7	1,743	7	-9.5
Pennsylvania	1,839	8	1,718	8	-6.6
Indiana	1,611	10	1,531	9	-4.9
Minnesota	1,655	9	1,383	10	-16.4

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

NOTES: Numbers might not add to totals due to rounding. Percent changes based on numbers prior to rounding.

Table 6. Top Commodity Transported between the U.S. and Canada for Each Mode of Transportation, February 2013
(millions of current dollars)

Mode	Commodities	Exports	Imports	Total
Truck	Vehicles Other than Railway	3,179	2,085	5,264
Rail	Vehicles Other than Railway	831	2,330	3,161
Pipeline	Mineral Fuels; Oils and Waxes	739	5,749	6,488
Vessel	Mineral Fuels; Oils and Waxes	650	1652	2,302
Air	Computer-Related Machinery and Parts	324	138	462

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

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

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NORTH AMERICAN FREIGHT FLOWS
ADD NINE

Table 7. Value of Monthly U.S.-Mexico Freight Flows by All Modes of Transportation
(millions of current dollars)

Mode		February 2012	January 2013	February 2013	Percent Change January 2013 - February 2013	Percent Change February 2012 - 2013
All Modes	Imports	22,708	21,550	21,915	1.7	-3.5
	Exports	16,893	17,949	17,660	-1.6	4.5
	Total	39,601	39,499	39,574	0.2	-0.1
All Surface Modes	Imports	17,884	16,977	17,358	2.2	-2.9
	Exports	13,874	14,595	13,814	-5.4	-0.4
	Total	31,758	31,573	31,172	-1.3	-1.8
Truck	Imports	14,894	14,389	14,229	-1.1	-4.5
	Exports	11,367	12,241	11,432	-6.6	0.6
	Total	26,261	26,630	25,660	-3.6	-2.3
Rail	Imports	2,972	2,570	3,107	20.9	4.5
	Exports	2,170	2,087	2,103	0.8	-3.1
	Total	5,143	4,657	5,210	11.9	1.3
Pipeline	Imports	18	18	22	26.5	25.2
	Exports	337	268	279	4.1	-17.2
	Total	355	286	301	5.5	-15.1
Vessel	Imports	3,710	3,600	3,642	1.2	-1.8
	Exports	1,889	2,129	2,390	12.2	26.5
	Total	5,600	5,730	6,032	5.3	7.7
Air	Imports	749	604	529	-12.5	-29.4
	Exports	557	602	572	-5.1	2.8
	Total	1,306	1,207	1,101	-8.8	-15.7

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

NOTES: Numbers might not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all modes is not equal to the sum of truck, rail, pipeline, vessel and air modes, it also includes shipments made by mail, foreign trade zones, and other transportation. For additional detail, please refer to the "Data Fields" section of the TransBorder web page:

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NORTH AMERICAN FREIGHT FLOWS
ADD TEN

Table 8. Top 10 State Freight Flows with Mexico by All Modes of Transportation
Ranked by February 2013 Trade Value
(millions of current dollars)

State	February 2012		February 2013		Percent Change February 2012- 2013
	Value	Rank	Value	Rank	
Texas	15,526	1	15,447	1	-0.5
California	4,857	2	4,494	2	-7.5
Michigan	3,905	3	3,848	3	-1.5
Illinois	1,352	4	1,443	4	6.8
Arizona	1,194	5	1,174	5	-1.7
Louisiana	705	8	1,163	6	64.9
Ohio	920	6	984	7	7.0
Tennessee	750	7	776	8	3.5
Indiana	642	10	627	9	-2.3
North Carolina	596	11	601	10	0.7

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

Note: Numbers may not add to totals due to rounding. Percent change based on numbers prior to rounding.

Table 9. Top Commodity Transported between the U.S. and Mexico for Each Mode of Transportation, February 2013
(millions of current dollars)

Mode	Commodities	Exports	Imports	Total
Truck	Electrical Machinery; Equipment and Parts	2,595	3,940	6,534
Rail	Vehicles Other than Railway	505	2,386	2,892
Pipeline	Mineral Fuels; Oils and Waxes	279	22	301
Vessel	Mineral Fuels; Oils and Waxes	1,480	3142	4,622
Air	Electrical Machinery; Equipment and Parts	219	136	356

SOURCE: Bureau of Transportation Statistics, [TransBorder Freight Data](#)

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

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