

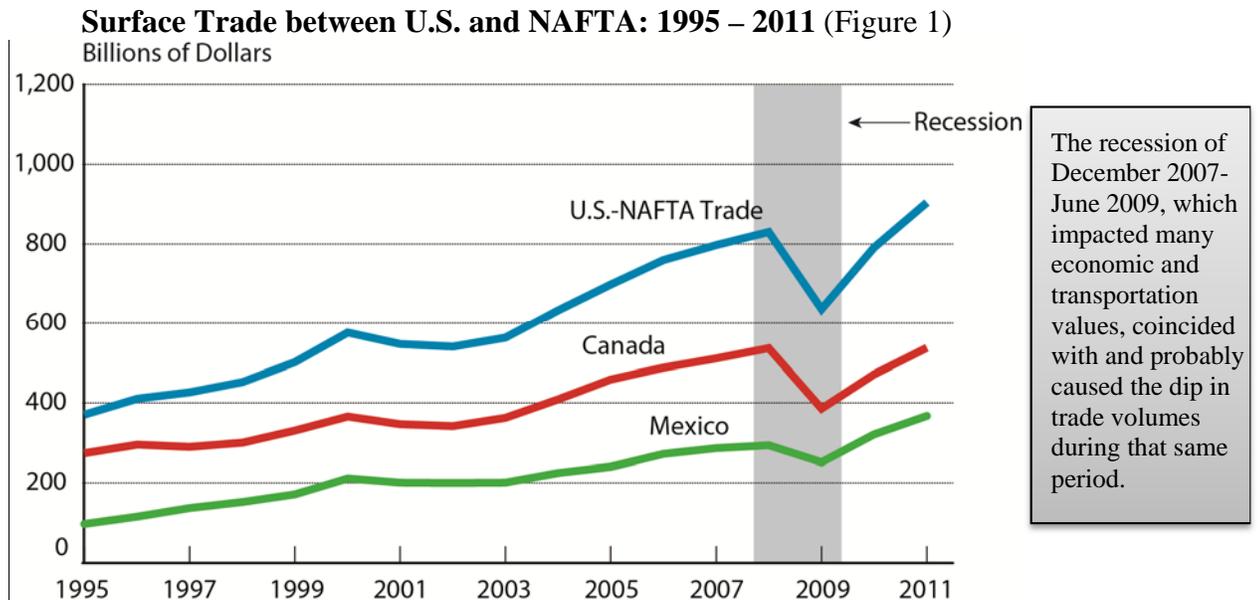


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BTS Data

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2011 Surface Trade with Canada and Mexico Rose 14.3 Percent from 2010 (State Rankings in Tables 5 and 7)



Surface transportation trade between the United States and its North American Free Trade Agreement (NAFTA) partners Canada and Mexico increased by 14.3 percent in 2011 compared to 2010, valued at \$904 billion in 2011, according to the Bureau of Transportation Statistics (BTS) of the U.S. Department of Transportation. The 14.3 percent increase in trade was the third largest year-to-year increase for the years covered by these data. The \$904 billion in U.S.-NAFTA trade was the highest amount since NAFTA went into effect in 1994 (*Table 1*).

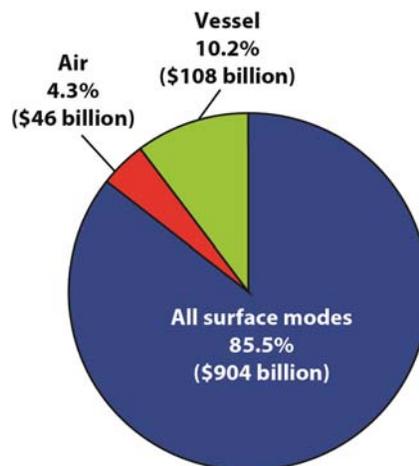
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NORTH AMERICAN SURFACE TRADE NUMBERS ADD ONE

BTS, a part of the Research and Innovative Technology Administration (RITA), reported that total North American surface transportation imports increased by 13.8 percent in 2011 from 2010, and exports increased by 14.8 percent during the same period (*Table 2*).

U.S. land trade with Mexico declined less following the recession of 2008-2009 than did trade with Canada and it rebounded faster. U.S.-Mexico land trade declined 14.4 percent in 2009 from 2008, then increased by 46.3 percent in the next two years to reach a level in 2011 that was 25.3 percent higher than in 2008. U.S.-Canada land trade declined 28.1 percent in 2009 from 2008, then increased by 39.2 percent in the next two years to reach a level in 2011 that was virtually unchanged from 2008. As a result, U.S.-Mexico trade comprised 40.6 percent of North American surface freight in 2011, compared to 35.3 percent in 2008.

Figure 2: North American Surface Freight by Mode, 2011



In 2011, 85.5 percent of U.S. merchandise trade by value with Canada and Mexico moved on land (*Figure 2*). Total North American surface transportation trade is up by 42.0 percent since 2009, when U.S.-NAFTA trade fell to a recent low during the last recession (*Table 3*). In 2009, U.S.-NAFTA trade dropped by 23.3 percent from the previous year. See [North American Transborder Freight Data](#) for historic data.

U.S. Surface Transportation Trade with Canada

U.S. - Canada surface transportation trade totaled \$537.0 billion in 2011, an increase of 14.0 percent compared to 2010 (*Table 4*). The value of imports carried by truck was 10.0 percent higher in 2011 than 2010 while the value of exports carried by truck was 12.4 percent higher. The value of pipeline exports increased the most, rising 87.0 percent in 2011 compared to 2010. Part of this increase is explained by a rise in the price of oil, with the average annual price for a barrel of crude oil increasing from \$71.21 in 2010 to \$87.04 in 2011 ([Historical Crude Prices, Inflation Data.com](#)).

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Michigan led all states in surface trade with Canada in 2011 with \$68.4 billion (*Table 5*). Automotive vehicles accounted for \$41.3 billion, 60.3 percent of total Michigan – Canada surface trade. Of the top 10 states for U.S.-Canada surface trade in 2011, Minnesota had the highest percentage change over 2010, a 41.6 percent increase. Oil and gas is the top commodity traded between Minnesota and Canada but 16 of 99 commodities more than doubled in the value of Minnesota – Canada surface trade between 2011 and 2010.

The top commodity category transported between the U.S. and Canada by surface modes of transportation in 2011 was vehicles and vehicle parts (other than railway vehicles and parts) with \$96.1 billion in trade (*Table 8*). This U.S.-Canada trade in vehicle and vehicle parts was roughly split evenly between exports and imports, reflecting the interdependency of automotive plants on both sides of the border.

U.S. Surface Transportation Trade with Mexico

U.S.–Mexico surface transportation trade totaled \$367.1 billion in 2011, an increase of 14.6 percent compared to 2010 (*Table 6*). The value of imports carried by truck was 12.4 percent higher in 2011 than 2010, while the value of exports carried by truck was 14.9 percent higher. As on the U.S.-Canada border, the value of pipeline exports had the highest year-over-year percentage increase along the U.S.-Mexico border, 71.3 percent.

Texas led all states in surface trade with Mexico in 2011 with \$129.0 billion (*Table 7*). This is the third time on record that Texas has had more than \$100 billion in trade with Mexico by surface modes of transportation in a calendar year. Three commodities more than doubled in the value of Texas – Mexico trade in 2011 over 2010; they were: Railway Vehicles and Equipment, Cereals and Fur (despite the large percentage increase, a low total value of fur still crossed the U.S.-Mexico border, \$251,707 in 2011). The top 10 states in 2011 U.S. – Mexico surface trade all saw year-over-year increases of 12.1 to 20.4 percent.

The top commodity transported between the U.S. and Mexico by surface modes of transportation in 2011 was electrical machinery with \$80.5 billion in trade (*Table 9*). Measuring and testing equipment was the fifth highest value commodity on the U.S. – Mexico Border, compared with ranking as the 13th highest value commodity on the U.S. – Canada Border.

TransBorder Data

The TransBorder Freight Dataset is a special extract of the official U.S. foreign trade statistics. The data are obtained by BTS from the U.S. Census Bureau's Foreign Trade Division. TransBorder numbers include data received by BTS as of Feb. 10.

The news release and summary tables can be found at www.bts.gov. More information on Transborder freight data is posted on the BTS website at <http://www.bts.gov/transborder/>.

NORTH AMERICAN SURFACE TRADE NUMBERS
ADD THREE

**Table 1. Annual Value of U.S. Surface
Transportation Trade with Canada and Mexico
from Previous Year
(millions of dollars)**

Year	Amount	Percent Change from Previous Year
1995	370,265	NA
1996	410,382	10.8
1997	425,977	3.8
1998	451,736	6.0
1999	501,250	11.0
2000	575,713	14.9
2001	547,312	-4.9
2002	540,795	-1.2
2003	562,776	4.1
2004	633,563	12.6
2005	697,987	10.2
2006	760,127	8.9
2007	797,303	4.9
2008	829,875	4.1
2009	636,695	-23.3
2010	791,329	24.3
2011	904,133	14.3

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 16, 2012.

NOTES: Numbers may not add to totals due to rounding. Percent changes based on numbers prior to rounding. NA = Not Available

NORTH AMERICAN SURFACE TRADE NUMBERS ADD FOUR

**Table 2. U.S. Merchandise Trade with Canada and Mexico by Surface Modes of Transportation
(millions of dollars)**

Mode		2009	2010	2011	Percent Change 2009 - 2010	Percent Change 2010 - 2011
		All Surface Modes	Imports	341,665	427,592	486,662
	Exports	295,031	363,738	417,471	23.3	14.8
	Total	636,695	791,329	904,133	24.3	14.3
Truck	Imports	222,866	272,186	303,012	22.1	11.3
	Exports	231,961	284,698	322,846	22.7	13.4
Rail	Imports	60,361	85,480	97,422	41.6	14.0
	Exports	35,263	45,748	54,431	29.7	19.0
Pipeline	Imports	45,786	57,744	71,024	26.1	23.0
	Exports	3,420	5,189	9,703	51.7	87.0

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NOTE: Numbers may not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all surface modes is not equal to the sum of truck, rail and pipeline modes. It also includes shipments made by mail, foreign trade zones, other and unknown modes of transportation. For additional detail refer to the "Data Fields" Section of the Transborder web page: http://www.bts.gov/transborder/TBDR_DataFields.html.

Table 3. Prior Year Surface Trade with Canada and Mexico Compared with 2011

2011 Compared to	Percent Change to 2011		
	Imports	Exports	Total Surface Trade
2010	13.8	14.8	14.3
2009	42.4	41.5	42.0
2008	4.7	14.3	8.9
2007	7.6	21.1	13.4
2006	12.1	28.0	18.9
2005	21.4	40.5	29.5
2004	33.6	55.1	42.7
2003	51.0	73.6	60.7
2002	57.4	80.3	67.2
2001	55.6	78.0	65.2

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NORTH AMERICAN SURFACE TRADE NUMBERS
ADD FIVE

**Table 4. U.S. Merchandise Trade with Canada by Surface Modes of Transportation
(millions of dollars)**

Mode		2009	2010	2011	Percent Change 2009 - 2010	Percent Change 2010 - 2011
		All Surface Modes	Imports	201,089	246,252	282,582
	Exports	184,653	224,809	254,450	21.7	13.2
	Total	385,742	471,061	537,031	22.1	14.0
Truck	Imports	105,079	123,238	135,528	17.3	10.0
	Exports	142,545	173,588	195,126	21.8	12.4
Rail	Imports	41,058	56,996	65,118	38.8	14.3
	Exports	19,973	26,116	29,569	30.8	13.2
Pipeline	Imports	45,630	57,562	70,743	26.1	22.9
	Exports	2,632	3,151	6,211	19.7	97.1

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NOTE: Numbers may not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all surface modes is not equal to the sum of truck, rail and pipeline modes. It also includes shipments made by mail, foreign trade zones, other and unknown modes of transportation. For additional detail refer to the "Data Fields" Section of the Transborder web page: http://www.bts.gov/transborder/TBDR_DataFields.html.

**Table 5. Top 10 States Trading with Canada by All Surface Modes of Transportation
Ranked by 2011 Surface Trade Value
(millions of dollars)**

State	2010		2011		Percent Change 2010 - 2011
	Value	Rank	Value	Rank	
Michigan	60,683	1	68,412	1	12.7
Illinois	43,136	2	53,845	2	24.8
Ohio	29,825	4	33,123	3	11.1
California	31,509	3	31,331	4	-0.6
Texas	25,920	6	30,608	5	18.1
New York	28,998	5	30,076	6	3.7
Pennsylvania	18,850	7	21,097	7	11.9
Washington	18,615	8	20,250	8	8.8
Minnesota	12,848	10	18,193	9	41.6
Indiana	16,025	9	17,714	10	10.5

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NOTE: Percent change based on numbers prior to rounding.

NORTH AMERICAN SURFACE TRADE NUMBERS
ADD SIX

**Table 6. U.S. Merchandise Trade with Mexico by Surface Modes of Transportation
(millions of dollars)**

Mode		2009	2010	2011	Percent Change 2009 - 2010	Percent Change 2010 - 2011
		All Surface Modes	Imports	140,576	181,339	204,080
	Exports	110,378	138,929	163,021	25.9	17.3
	Total	250,954	320,268	367,101	27.6	14.6
Truck	Imports	117,787	148,948	167,483	26.5	12.4
	Exports	89,417	111,110	127,720	24.3	14.9
Rail	Imports	19,303	28,484	32,303	47.6	13.4
	Exports	15,291	19,632	24,862	28.4	26.6
Pipeline	Imports	155	182	281	16.9	54.9
	Exports	788	2,038	3,492	158.7	71.3

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NOTE: Numbers may not add to totals due to rounding. Percent changes based on numbers prior to rounding. The value of trade for all surface modes is not equal to the sum of truck, rail and pipeline modes. It also includes shipments made by mail, foreign trade zones, other and unknown modes of transportation. For additional detail refer to the "Data Fields" Section of the Transborder web page: http://www.bts.gov/transborder/TBDR_DataFields.html

**Table 7. Top 10 States Trading with Mexico by All Surface Modes of Transportation
Ranked by 2011 Surface Trade Value
(millions of dollars)**

State	2010		2011		Percent Change 2010 - 2011
	Value	Rank	Value	Rank	
Texas	114,502	1	128,981	1	12.7
California	47,606	2	47,606	2	14.5
Michigan	35,106	3	41,376	3	17.9
Illinois	10,748	4	12,588	4	17.1
Arizona	10,456	5	11,725	5	12.1
Ohio	8,505	6	9,687	6	13.9
Tennessee	6,379	7	7,326	7	12.9
Indiana	5,509	8	6,633	8	20.4
North Carolina	5,156	9	6,009	9	16.6
Georgia	4,663	12	5,265	10	12.9

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of February 29, 2012.

NOTE: Percent change based on numbers prior to rounding.

NORTH AMERICAN SURFACE TRADE NUMBERS
ADD SEVEN

Table 8. Top Five Commodities Transported between the U.S. and Canada by All Surface Modes of Transportation, 2011
(millions of dollars)

Commodities	Exports	Imports	Total
Vehicles Other than Railway	46,455	49,689	96,144
Mineral Fuels; Oils and Waxes	12,298	82,718	95,016
Computer-Related Machinery and Parts	41,319	17,987	59,306
Electrical Machinery; Equipment and Parts	22,358	6,321	28,679
Plastics	12,341	10,279	22,619

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of March 13, 2012.

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

Table 9. Top Five Commodities Transported between the U.S. and Mexico by All Surface Modes of Transportation, 2011
(millions of dollars)

Commodities	Exports	Imports	Total
Electrical Machinery; Equipment and Parts	29,672	50,799	80,471
Computer-Related Machinery and Parts	29,703	37,864	67,567
Vehicles Other than Railway	17,726	43,446	61,172
Plastics	12,570	3,369	15,939
Measuring and Testing Equipment	4,083	9,348	13,431

SOURCE: U.S. Department of Transportation, Research and Innovative Technology Administration, Bureau of Transportation Statistics, based on Transborder Freight Data, available at <http://www.bts.gov/transborder/>, as of March 13, 2012.

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