



# Mexico Transport Cost Indicator Report

Agricultural  
Marketing  
Service

January 2015

a quarterly publication of the Agricultural Marketing Service  
[www.ams.usda.gov/AgTransportation](http://www.ams.usda.gov/AgTransportation)

## Higher Barge Rates Pushed Up Transportation Costs for Water Route, But Landed Costs Fell.

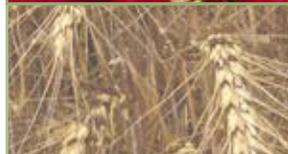
Higher barge rates pushed up the cost of shipping seaborne U.S. grain to Mexico during the third quarter, despite decreases in truck and ocean freight rates. The cost of shipping corn and soybeans from Illinois to Vera Cruz, Mexico, increased by 10 percent, and the cost of shipping Kansas wheat increased by 11 percent during the quarter (see [GTR, dated 11/20/14](#)). On the other hand, the cost of shipping Iowa corn and Nebraska soybeans overland to Guadalajara, Mexico, remained unchanged, and the cost of transporting Kansas wheat overland increased by just 1 percent from the previous quarter.

The increase in the water route transportation costs was caused mainly by higher barge rates during the quarter. Barge rates increased in anticipation of a record harvest and from greater demand for barge services. Truck rates for the water route declined during the quarter. In addition, ocean freight rates for shipping bulk grains fell during the quarter due to the excess vessel supply in the market. For the land route, truck rates increased by 1 percent. Tariff rail rates increased by 1 percent for wheat, but remained unchanged for corn and soybeans.

With the exception of Kansas wheat transported via the land route, year-to-year transportation costs increased for all grains and across all routes. Farm prices fell from quarter to quarter and year to year, causing decreases in the landed costs. The landed costs ranged from \$203.20 to \$494.92 for the water route (see [table 1](#) and [figure 1](#)) and \$241.09 to \$539.85 for the land route (see [table 1](#) and [figure 2](#)). The fall in farm prices caused the transportation share of the landed costs to increase across all grains and routes. The transportation share of the landed costs for the water route ranged from 11 to 27 percent, and 18 to 39 percent for the land route.

**Market Outlook:** Mexico is expected to import about 10.4 million metric tons (mmt) of corn during marketing year (MY) 2014/15 ([FAS, GAIN Report #:MX4073](#)). This is slightly lower than the initial estimate because of higher-than-previously estimated domestic production. However, Mexico imported 2.9 mmt of U.S. corn—82 percent more than the same period a year earlier. Mexico also imported 18 percent more soybeans compared to the same period a year ago, totaling 0.56 mmt. Mexico imported 0.97 mmt of U.S. wheat, 13 percent less than a year ago. Mexico is expected to import 4.45 mmt of wheat during MY 2014/15. This is more than the initial estimate due to lower-than-expected domestic production and increasing demand for bread wheat, such as hard red winter and hard red spring varieties ([FAS, GAIN Report #:MX4073](#)). If the current low commodity prices and ocean freight rates persist, it will make U.S. grain shipments to Mexico more competitive.

**Ocean Freight Rates:** Ocean freight rates for shipping bulk grains to Mexico declined in the third quarter, compared to the previous quarter, the same period a year ago and the 4-year average. The cost of shipping a metric ton (mt) of grain from the U.S. Gulf to Veracruz, Mexico, in a 25,000-ton-capacity vessel averaged \$15.75 per mt during the quarter—10, 23, and 20 percent less than the previous quarter, same period last year and the 4-year average, respectively. The cost of shipping in a 35-40,000-ton-capacity vessel averaged \$13.56 per mt—12, 24, and 22 percent less than the previous quarter, same period last year and the 4-year average, respectively. Ocean rates for shipping bulk grains remained relatively low during the third quarter due to excess vessel supply in the market (see [GTR, dated 10/23/14](#)).



January 27, 2015

## Contents

Summary: What Happened?

Quarterly Bulk Grain and By-Products

Livestock

Fruit and Vegetables

Contact Information

Subscription Information

Data Sets



**Table 1. Quarterly costs of transporting U.S. grain and soybeans to Mexico**

-----2014-----										
	Water route (to Veracruz)					Land route (to Guadalajara)				
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	US\$/metric ton					US\$/metric ton				
<b>Corn</b>										
<b>Origin</b>	<b>IL</b>					<b>IA</b>				
Truck	13.79	14.59	11.70		13.36	3.47	4.71	4.75		4.31
Rail <sup>1</sup>						89.33	90.01	89.63		89.66
Ocean <sup>2</sup>	17.53	15.48	13.56		15.52					
Barge	27.06	18.98	28.74		24.93					
Total transportation cost	58.38	49.05	54.00		48.98	92.80	94.72	94.38		93.97
Farm price	175.71	187.52	149.20		170.81	175.97	183.19	146.71		168.62
Landed cost	234.09	236.57	203.20		224.62	268.77	277.91	241.09		262.59
Transport % of landed cost	24.9	20.7	26.6		21.8	34.5	34.1	39.1		35.8
<b>Soybeans</b>										
<b>Origin</b>	<b>IL</b>					<b>NE</b>				
Truck	13.79	14.59	11.70		13.36	3.47	4.71	4.75		4.31
Rail <sup>1</sup>						93.89	94.54	94.18		94.20
Ocean <sup>2</sup>	17.53	15.48	13.56		15.52					
Barge	27.06	18.98	28.74		24.93					
Total transportation cost	58.38	49.05	54.00		48.98	97.36	99.25	98.93		98.51
Farm price	493.59	527.88	440.92		487.46	481.34	525.43	440.92		482.56
Landed cost	551.97	576.93	494.92		572.27	578.70	624.68	539.85		581.08
Transport % of landed cost	10.6	8.5	10.9		10.0	16.8	15.9	18.3		17.0
<b>Wheat</b>										
<b>Origin</b>	<b>KS</b>					<b>KS</b>				
Truck	29.59	30.72	28.05		29.45	3.47	4.71	4.75		4.31
Rail <sup>1</sup>						73.70	76.50	77.43		75.88
Ocean <sup>2</sup>	17.53	15.48	13.56		15.52					
Barge	20.67	11.00	21.99		17.89					
Total transportation cost	67.79	57.20	63.60		62.86	77.17	81.21	82.18		90.44
Farm price	249.61	266.64	221.07		245.77	249.61	266.64	221.07		245.77
Landed cost	317.40	323.84	284.67		326.72	326.78	347.85	303.25		326.72
Transport % of landed cost	21.4	17.7	22.3		20.5	23.6	23.3	27.1		24.7

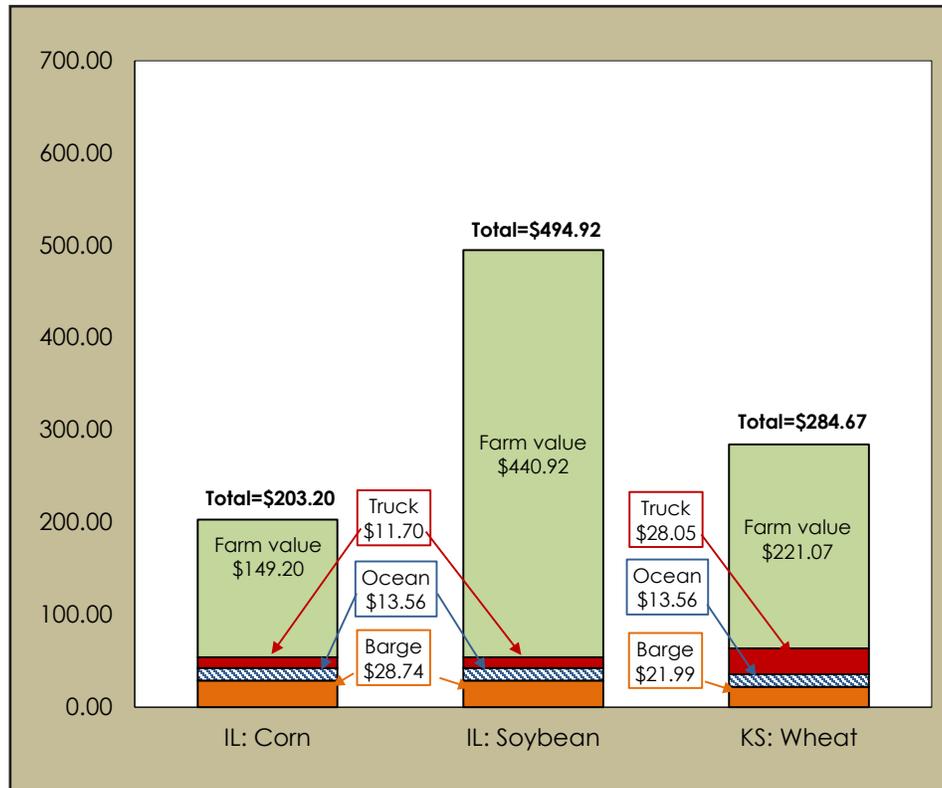
<sup>1</sup>Rail rates include U.S. and Mexico portions of the movement. Mexico rail rates are estimated based on actual quoted market rates. BNSF and Union Pacific quoted rail tariff rates are through rates for shuttle trains.

Rail rates include fuel surcharges

<sup>2</sup>Source: O'Neil Commodity Consulting, Inc.

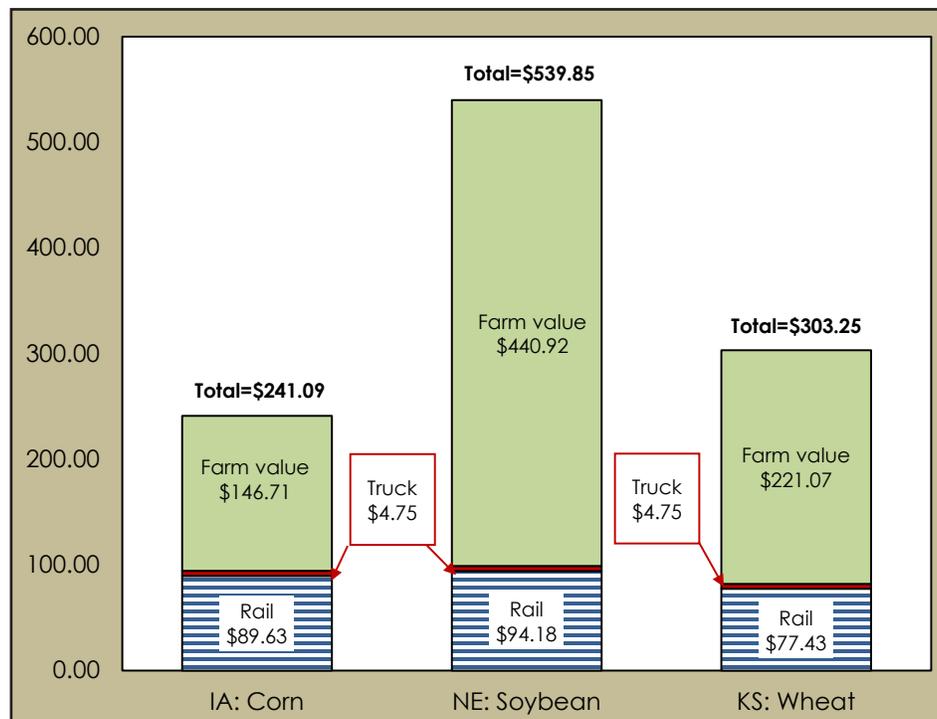


**Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico**



Source: USDA Agricultural Marketing Service

**Figure 2. Land route shipment costs (\$/mt) to Guadalajara, Mexico**



Source: USDA Agricultural Marketing Service



**Rail Rates:** During the third quarter of 2014, during a record harvest that decreased grain prices, railroads transported 27,489 carloads of grain and oilseeds to Mexico, down 8.5 percent from the second quarter 2014, and up 21 percent from the prior 3-year average.

Overall rail transportation costs (tariff rates plus fuel surcharges) decreased 0.1 percent from the second quarter 2014 and increased 1.2 percent from the third quarter 2013. Tariff rail rates per grain car were \$6,808, up 0.3 percent from the second quarter and 1.1 percent from the third quarter 2013. Fuel surcharges per railcar, at \$616, were down 4.4 percent from the second quarter 2013, but up 3.5 percent from the third quarter 2013.

### **Fruit and Vegetables**

Total reported shipments of fruits and vegetables from Mexico during the 3rd quarter of 2014 were 1.2 million tons, an increase of 2 percent from the same quarter last year, but the sum of the top 5 commodities was down 2 percent from last year. Avocado shipments were up 73 percent from last year, bouncing back from an abnormal season last year when heavy rains in Mexico delayed shipments.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.12 per mile, down 16 percent from last quarter and 5 percent higher than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$1.74 per mile, down 35 percent from last quarter but 7 percent higher than the same quarter last year. Diesel fuel prices for border crossings through Texas averaged \$3.74 per gallon, 1 percent lower than the previous quarter and 3 percent lower than the same quarter last year. Diesel fuel prices for border crossings through Arizona averaged \$3.94 per gallon, 1 cent higher than the previous quarter and 1 percent lower than the same period last year. Truck availability was adequate at the beginning of the quarter for both Nogales and at the Texas border, but there was a surplus by late July, which remained throughout the quarter at Nogales but changed to a slight surplus by mid-August at the Texas border.

### **Livestock**

The third quarter of 2014 had an increase in livestock exports to Mexico. The United States exported 45,284 head compared to 42,284 in the previous quarter, a 6 percent increase. Compared to the same quarter last year, livestock exports increased 13 percent to 40,225 head. The increase is due largely to an ever-growing number of horses being exported south of the border. The number of horses exported rose from 26,720 horses in the second quarter of 2014 to 32,637 in the third quarter, a 22-percent increase. Similarly, when compared to the same quarter last year, total horse exports increased 21 percent to 27,054. Other livestock (dairy and beef cattle, hogs, sheep, and goats) saw a decrease in numbers. Cattle exports fell to 252 head, compared to 897 the previous quarter, a decrease of 72 percent. Hogs and sheep also showed a significant decline. Their exports were down 37 and 14 percent down, respectively. Exotic livestock exports to Mexico decreased 69 percent. Eagle Pass remains the largest border crossing town into Mexico (see map for details).



Figure 3. Livestock Border Crossing to Mexico during the 3rd quarter 2014





**Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2014**

Commodity	Origin state	Destination	Tariff rate/car <sup>1</sup>				Fuel surcharge per car <sup>2</sup>					
			1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	6,360	6,360	6,460		6,393	557	606	579		581
	OK	Cuautitlan, EM	6,156	6,192	6,315		6,221	677	736	703		705
	KS	Guadalajara, JA	6,559	6,777	6,899		6,745	654	711	679		681
	TX	Salinas Victoria, NL	2,898	3,737	3,798		3,477	255	277	265		266
Corn	IA	Guadalajara, JA	7,974	7,974	7,974		7,974	769	836	799		801
	SD	Penjamo, GJ	7,656	7,656	7,656		7,656	729	793	757		760
	NE	Queretaro, QA	7,317	7,341	7,353		7,337	683	742	710		712
	SD	Salinas Victoria, NL	5,880	5,880	5,880		5,880	554	602	576		577
	MO	Tlalnepantla, EM	6,755	6,779	6,712		6,749	664	721	689		692
	SD	Torreón, CU	6,722	6,722	6,722		6,722	611	664	634		636
Soybeans	MO	Bojay (Tula), HG	7,868	7,868	7,900		7,878	649	705	674		676
	NE	Guadalajara, JA	8,447	8,447	8,447		8,447	742	806	771		773
	IA	El Castillo, JA	8,855	8,855	8,855		8,855	725	788	753		755
	KS	Torreón, CU	6,864	6,864	6,864		6,864	460	500	478		480
Sorghum	TX	Guadalajara, JA	6,953	6,953	6,953		6,953	475	516	493		494
	NE	Penjamo, GJ	7,212	7,212	7,212		7,212	662	719	688		690
	KS	Queretaro, QA	6,650	6,650	6,650		6,650	416	452	432		433
	NE	Salinas Victoria, NL	5,368	5,368	5,368		5,368	487	529	506		507
	NE	Torreón, CU	6,243	6,243	6,243		6,243	544	591	564		566

<sup>1</sup>Rates are based upon published tariff rates for high-capacity shuttle trains. Shuttle trains are available for qualified shipments of 75-110 cars that meet railroad efficiency requirements.

<sup>2</sup>Approximate load per car = 97.87 mt: corn & sorghum 56 lbs/bu, wheat & soybeans 60 lbs/bu

Sources: www.bnsf.com, www.uprr.com, www.kcsouthern.com



**Table 3. Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2014**

			Tariff <sup>1</sup> plus fuel surcharge per:									
			US\$/metric ton					US\$/bushel <sup>2</sup>				
Commodity	Origin State	Destination	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	70.68	71.17	71.92		71.26	1.92	1.94	1.96		1.94
	OK	Cuautitlan, EM	69.82	70.79	71.70		70.77	1.90	1.92	1.95		1.92
	KS	Guadalajara, JA	73.70	76.50	77.43		75.88	2.01	2.08	2.11		2.06
	TX	Salinas Victoria, NL	32.21	41.02	41.51		38.25	0.88	1.12	1.13		1.04
Corn	IA	Guadalajara, JA	89.33	90.01	89.63		89.66	2.27	2.28	2.27		2.28
	SD	Penjamo, GJ	85.68	86.32	85.97		85.99	2.18	2.19	2.18		2.18
	NE	Queretaro, QA	81.74	82.59	82.38		82.24	2.08	2.10	2.09		2.09
	SD	Salinas Victoria, NL	65.74	66.23	65.96		65.98	1.67	1.68	1.67		1.67
	MO	Tlalnepanitla, EM	75.80	76.64	75.62		76.02	1.93	1.94	1.92		1.93
	SD	Torreón, CU	74.92	75.46	75.16		75.18	1.90	1.92	1.91		1.91
Soybeans	MO	Bojay (Tula), HG	87.02	87.59	87.60		87.40	2.37	2.38	2.38		2.38
	NE	Guadalajara, JA	93.89	94.54	94.18		94.20	2.55	2.57	2.56		2.56
	IA	Penjamo (Celaya), GJ	97.88	98.52	98.17		98.19	2.66	2.68	2.67		2.67
	KS	Torreón, CU	74.83	75.24	75.01		75.03	2.04	2.05	2.04		2.04
Sorghum	TX	Guadalajara, JA	75.89	76.31	76.08		76.09	1.93	1.94	1.93		1.93
	NE	Penjamo, GJ	80.45	81.04	80.71		80.73	2.04	2.06	2.05		2.05
	KS	Queretaro, QA	72.19	72.56	72.36		72.37	1.83	1.84	1.84		1.84
	NE	Salinas Victoria, NL	59.82	60.25	60.01		60.03	1.52	1.53	1.52		1.52
	NE	Torreón, CU	69.34	69.82	69.56		69.57	1.76	1.77	1.77		1.77

<sup>1</sup>Rates are based upon published tariff rates for high-capacity shuttle trains. Shuttle trains are available for qualified shipments of 75-110 cars that meet railroad efficiency requirements.

<sup>2</sup>Approximate load per car = 97.87 mt; corn & sorghum 56 lbs/bu, wheat & soybeans 60 lbs/bu

Sources: [www.bnsf.com](http://www.bnsf.com), [www.uprr.com](http://www.uprr.com), [www.kcsouthern.com](http://www.kcsouthern.com)



**Table 4. Quarterly exports of U.S. Distillers' Dried Grains with Soluble (DDGS) to Mexico\***

Year	Thousand metric tons				
	1st qtr	2nd qtr	3rd qtr	4th qtr	Total
2009	316	377	371	395	1,459
2010	439	399	424	383	1,645
2011	506	430	476	369	1,781
2012	426	388	352	332	1,498
2013	284	329	290	381	1,285
2014	356	420	366		1,142

\*Data are for brewers' and distillers' dregs and waste of which Distillers' Dried Grains with Soluble is a principal component. On November 2, 2010, data was revised.  
 Source: USDA, Economic Research Service (ERS), Feed grains database

**Table 5. Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)**

Vessel capacity (metric ton)	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Average
25,000	13.58	17.53	19.86	22.65	18.41
35-40,000	11.46	15.46	17.78	20.22	16.23
Vessel capacity (metric ton)	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Average
25,000	23.04	23.83	24.33	21.89	23.27
35-40,000	20.75	22.34	21.64	19.83	21.14
Vessel capacity (metric ton)	1st qtr 2011	2nd qtr 2011	3rd qtr 2011	4th qtr 2011	Average
25,000	21.71	21.13	21.96	23.29	22.02
35-40,000	18.75	18.86	19.89	21.21	19.68
Vessel capacity (metric ton)	1st qtr 2012	2nd qtr 2012	3rd qtr 2012	4th qtr 2012	Average
25,000	20.28	20.79	20.68	18.73	20.12
35-40,000	18.37	18.62	18.53	16.73	18.06
Vessel capacity (metric ton)	1st qtr 2013	2nd qtr 2013	3rd qtr 2013	4th qtr 2013	Average
25,000	20.19	19.59	20.47	20.01	20.07
35-40,000	17.89	17.58	17.85	17.13	17.61
Vessel capacity (metric ton)	1st qtr 2014	2nd qtr 2014	3rd qtr 2014	4th qtr 2014	Average
25,000	20.08	17.48	15.75		17.77
35-40,000	17.53	15.48	13.56		15.52

Source: O'Neil Commodity Consulting



**Table 6. U.S. livestock exports to Mexico by border crossing\* (head) July-September 2014**

Border Crossing	NM	AZ	TX	Total
<b>Beef cattle</b>				
Slaughter	0	0	0	0
Breeding males	57	16	133	206
Breeding females	0	0	46	46
Total beef	57	16	179	252
<b>Hogs</b>				
Slaughter	0	0	0	0
Breeding males	0	0	677	677
Breeding females	0	0	1,643	1,643
Total hogs	0	0	2,320	2,320
<b>Sheep</b>				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	6,069	6,069
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	6,069	6,069
<b>Dairy cattle</b>				
Breeding males	2	0	4	6
Breeding females	2,548	0	1,393	3,941
Total dairy	2,550	0	1,397	3,947
<b>Goats</b>				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
<b>Horses</b>				
Slaughter	3,787	0	27,377	31,164
Breeding males	175	104	372	651
Breeding females	216	125	549	890
Geldings	55	40	198	293
Burro/mule/pony	0	0	239	239
Total horses	3,633	269	28,735	32,637
<b>Exotics**</b>	0	0	59	59
<b>Grand total</b>	<b>6,240</b>	<b>285</b>	<b>38,759</b>	<b>45,284</b>

\*Weekly AMS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data  
 \*\*Refer to animals that are not included in other categories such as zebras, deer, elephants, and yaks.  
 Source: Agricultural Marketing Service (AMS), Livestock and Seed Programs



**Table 7. Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border\* (US\$/mile)**

Origin/border crossing	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Average
Nogales, Arizona	1.77	2.03	2.36	1.99	2.04
Pharr, Texas	1.58	1.91	1.76	1.68	1.74
Origin/border crossing	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Average
Nogales, Arizona	2.06	2.35	2.06	2.18	2.16
Pharr, Texas	1.78	2.21	1.91	1.74	1.91
Origin/border crossing	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Average
Nogales, Arizona	1.93	1.74	1.26	1.86	1.70
Pharr, Texas	1.61	1.61	1.38	1.42	1.50
Origin/border crossing	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Average
Nogales, Arizona	1.97	2.09	1.65	1.89	1.90
Pharr, Texas	1.60	1.86	1.53	1.58	1.64
Origin/border crossing	1st qtr 2011	2nd qtr 2011	3rd qtr 2011	4th qtr 2011	Average
Nogales, Arizona	1.87	2.38	1.85	1.80	1.97
Pharr, Texas	1.84	2.12	1.77	1.87	1.90
Origin/border crossing	1st qtr 2012	2nd qtr 2012	3rd qtr 2012	4th qtr 2012	Average
Nogales, Arizona	2.00	2.57	1.84	1.92	2.08
Pharr, Texas	1.97	2.26	1.89	2.09	2.05
Origin/border crossing	1st qtr 2013	2nd qtr 2013	3rd qtr 2013	4th qtr 2013	Average
Nogales, Arizona	2.34	2.59	1.63	2.33	2.22
Pharr, Texas	2.15	2.33	2.02	2.01	2.13
Origin/border crossing	1st qtr 2014	2nd qtr 2014	3rd qtr 2014	4th qtr 2014	Average
Nogales, Arizona	2.46	2.69	1.74		2.30
Pharr, Texas	2.32	2.53	2.12		2.32

\*Voluntarily reported to AMS, Market News  
 Source: Agricultural Marketing Service (AMS), Fruit and Vegetable Programs



**Table 8. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 3rd quarter, 2014**

Legend:		Truck availability													
		1 = Surplus		2 = Slight Surplus		3 = Adequate		4 = Slight Shortage		5 = Shortage					
Mexico border crossings/month		July					August				September				
Week		7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30
Through Nogales, AZ	Grapes, Honeydews, Mangoes, Melons, Mixed Vegetables	3	1	1	3	1	1	1	1	1					
Through TX	Carrots, Citrus, Mangoes, Mixed Fruit and Veg, Tomatoes	3	3	3	2	1	1	2	2	2	2	2	2	2	2

Source: USDA, Agricultural Marketing Service, Fruit and Vegetable Programs, Market News Branch, *Fruit and Vegetable Truck Rate Report*

**Table 9. Top ten commodities shipped to the U.S. from Mexico (10,000 lbs)**

Commodity	2nd qtr 2014	Rank
Limes	27,068	1
Avocados	26,044	2
Peppers, other	23,153	3
Tomatoes, plum type	20,207	4
Tomatoes	17,498	5
Mangoes	16,316	6
Misc. tropical	12,459	7
Cucumbers	12,150	8
Papaya	7,062	9
Broccoli	6,398	10

Source: USDA, AMS, Market News



**Table 10. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)**

Commodity	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total 2009
Tomatoes (all varieties)	62,337	64,976	21,173	44,530	193,016
Peppers (all varieties)	43,303	23,396	21,903	33,946	122,548
Watermelon	21,643	64,976	1,949	21,428	109,996
Limes	17,499	21,253	23,706	19,829	82,287
Cucumbers	32,819	20,464	8,059	29,719	91,061
<b>Subtotal</b>	<b>177,601</b>	<b>195,065</b>	<b>76,790</b>	<b>149,452</b>	<b>598,908</b>
Other	181,069	143,027	80,567	129,714	534,377
<b>Total</b>	<b>181,069</b>	<b>338,092</b>	<b>157,357</b>	<b>279,166</b>	<b>955,684</b>
Commodity	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total 2010
Tomatoes (all varieties)	113,379	77,048	34,226	43,291	267,944
Peppers (all varieties)	52,381	29,135	18,481	33,718	133,715
Cucumbers	39,925	23,695	9,314	30,169	103,103
Squash	24,242	12,827	2,852	19,740	59,661
Avocados	20,065	15,120	8,696	17,242	61,123
<b>Subtotal</b>	<b>249,992</b>	<b>157,825</b>	<b>73,569</b>	<b>144,160</b>	<b>625,546</b>
Other	178,749	264,046	116,397	133,112	692,304
<b>Total</b>	<b>428,741</b>	<b>421,871</b>	<b>189,966</b>	<b>277,272</b>	<b>1,317,850</b>
Commodity	1st qtr 2011	2nd qtr 2011	3rd qtr 2011	4th qtr 2011	Total 2011
Tomatoes (all varieties)	93,831	61,825	40,136	40,329	236,121
Peppers (all varieties)	49,137	27,150	21,775	30,018	128,080
Cucumbers	31,749	27,481	9,879	22,275	91,384
Onions (dry and green)	30,159	20,994	6,747	7,090	64,990
Watermelon	25,181	66,908	3,082	14,777	109,948
<b>Subtotal</b>	<b>230,057</b>	<b>204,358</b>	<b>81,619</b>	<b>114,489</b>	<b>630,523</b>
Other	181,726	199,596	109,240	103,717	594,279
<b>Total</b>	<b>411,783</b>	<b>403,954</b>	<b>190,859</b>	<b>218,206</b>	<b>1,224,802</b>

Source: Data is obtained from the Department of Homeland Security (DHS), U.S. Customs and Border Protection (CBP) through USDA, AMS, Market News

-continued on next page-



**Table 10. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)  
-continued-**

Commodity	1st qtr 2012	2nd qtr 2012	3rd qtr 2012	4th qtr 2012	Total 2012
Tomatoes (all varieties)	99,264	69,282	41,120	57,099	266,765
Peppers (all varieties)	56,506	33,399	25,990	33,073	148,968
Cucumbers	42,668	25,798	11,919	30,383	110,768
Onions (dry and green)	29,949	20,020	8,122	8,744	66,835
Squash	26,776	16,033	3,401	19,556	65,766
<b>Subtotal</b>	<b>255,163</b>	<b>164,532</b>	<b>90,552</b>	<b>148,855</b>	<b>659,102</b>
Other	200,550	256,945	122,889	190,616	771,000
<b>Total</b>	<b>455,713</b>	<b>421,477</b>	<b>213,441</b>	<b>339,471</b>	<b>1,430,102</b>
Commodity	1st qtr 2013	2nd qtr 2013	3rd qtr 2013	4th qtr 2013	Total 2013
Tomatoes (all varieties)	88,753	75,505	43,373	52,154	259,785
Peppers (all varieties)	55,952	35,111	27,341	51,481	169,885
Avocadoes	38,933	26,387	15,049	30,766	111,135
Cucumbers	38,877	30,555	11,592	31,523	112,547
Onions (dry and green)	24,818	22,138	7,584	8,070	62,610
<b>Subtotal</b>	<b>247,333</b>	<b>189,696</b>	<b>104,939</b>	<b>173,994</b>	<b>715,962</b>
Other	206,944	271,688	126,051	168,680	773,363
<b>Total</b>	<b>454,277</b>	<b>461,384</b>	<b>230,990</b>	<b>342,674</b>	<b>1,489,325</b>
Commodity	1st qtr 2014	2nd qtr 2014	3rd qtr 2014	4th qtr 2014	Total 2014
Tomatoes (all varieties)	102,175	77,596	40,598		220,369
Peppers (all varieties)	62,356	33,083	27,349		122,788
Cucumbers	47,565	30,978	12,150		90,693
Avocadoes	37,085	26,363	26,044		89,492
Squash	29,622	16,334	3,814		49,770
<b>Subtotal</b>	<b>278,803</b>	<b>184,354</b>	<b>109,955</b>		<b>573,112</b>
Other	214,020	306,544	126,219		646,783
<b>Total</b>	<b>492,823</b>	<b>490,898</b>	<b>236,174</b>		<b>1,219,895</b>

Source: Data is obtained from the Department of Homeland Security (DHS), U.S. Customs and Border Protection (CBP) through USDA, AMS, Market News



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**Related Websites:**

- ◆ [U.S. Grain and Soybean Exports to Mexico — A Modal Share Transportation Analysis \(PDF\)](#)
- ◆ [Grain Transportation Report](#)
- ◆ [Agricultural Refrigerated Truck Quarterly](#)

**Preferred Citation:**

U.S. Department of Agriculture, Agricultural Marketing Service. Mexico Transport Cost Indicator Reports. January 2015. Web. <<http://dx.doi.org/10.9752/TS054.1-2015>>



## Data Sets:

- ◆ Figure 1: Water route shipment costs to Veracruz, Mexico
- ◆ Figure 2: Land route shipment costs to Guadalajara, Mexico
- ◆ Figure 3: Livestock Border Crossing to Mexico during the 3rd quarter 2014
  
- ◆ Table 1: Quarterly costs of transporting U.S. grain and soybeans to Mexico
- ◆ Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2014
- ◆ Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2014
- ◆ Table 4: Quarterly exports of U.S. Distillers' Dried Grains with Soluble (DDGS) to Mexico
- ◆ Table 5: Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)
- ◆ Table 6: U.S. livestock exports to Mexico by border crossing\* (head) July-September, 2014
- ◆ Table 7: Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border (US\$/mile)
- ◆ Table 8: Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 3rd quarter, 2014
- ◆ Table 9: Top ten commodities shipped to the U.S. from Mexico (10,000 lbs)
- ◆ Table 10: Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

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