

Mexico Transport Cost Indicator Report

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Grain Shipment Costs to Mexico Mixed as Farm Prices Fell. The transportation costs of shipping grain to Mexico were mixed during the third quarter as farm prices fell across all grain types. The cost of shipping corn and soybeans by water to Veracruz, Mexico, increased 19 percent quarter-to-quarter, and the cost of shipping wheat decreased 13 percent (see table). In contrast, the cost of shipping corn and soybeans by land to Guadalajara, Mexico, remained unchanged, while costs to transport wheat increased 6 percent during the quarter.

Costs for shipping U.S. corn and soybeans by water rose due to increases in truck, barge, and ocean rates. The increases in truck and barge rates, especially in the Corn Belt regions, are due to higher seasonal demand for trucking and barging services during the harvest season. In addition, diesel prices were slightly higher during the quarter. The increase in bulk ocean freight rates was driven by a global increase in bulk shipments of commodities such as iron ore, coal, and grain (see [GTR, dated 11/07/13](#)). The large drop in truck rates, corresponding with reduced demand for moving wheat by truck, more than offset increases in ocean and barge rates, resulting in the overall transportation cost of waterborne wheat to drop by 13 percent during the quarter. However, increased rail rates for Kansas wheat pushed up the cost of shipping by the land route.



December 12, 2013

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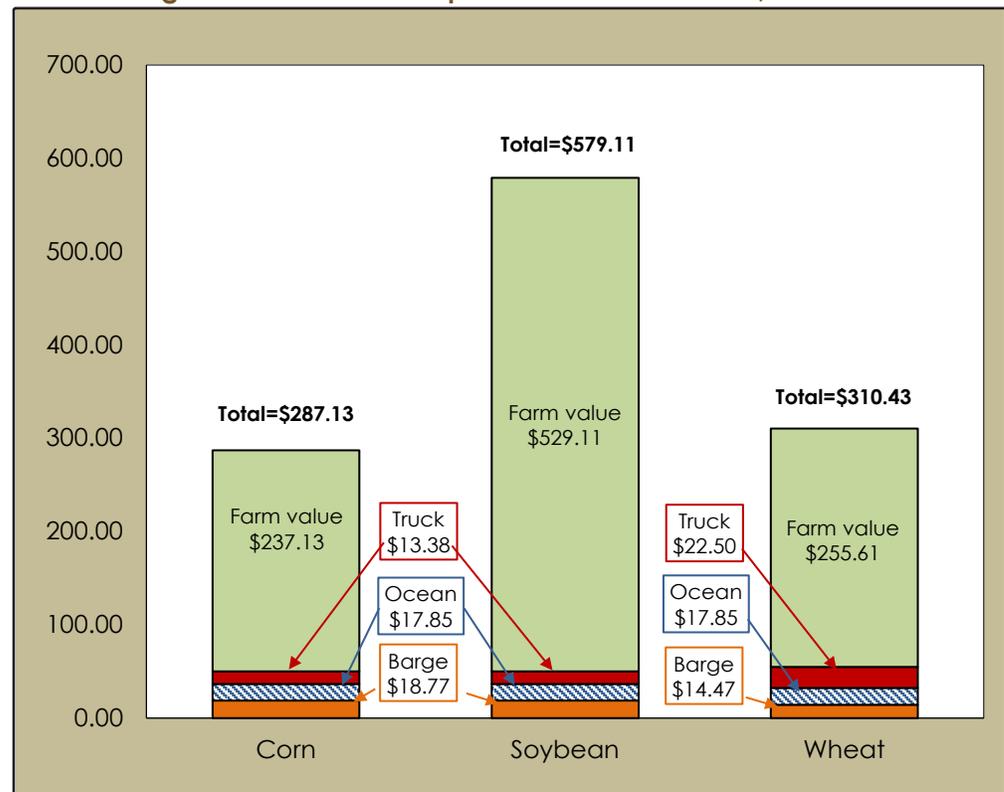
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Figure 1. Water route shipment costs to Veracruz, Mexico

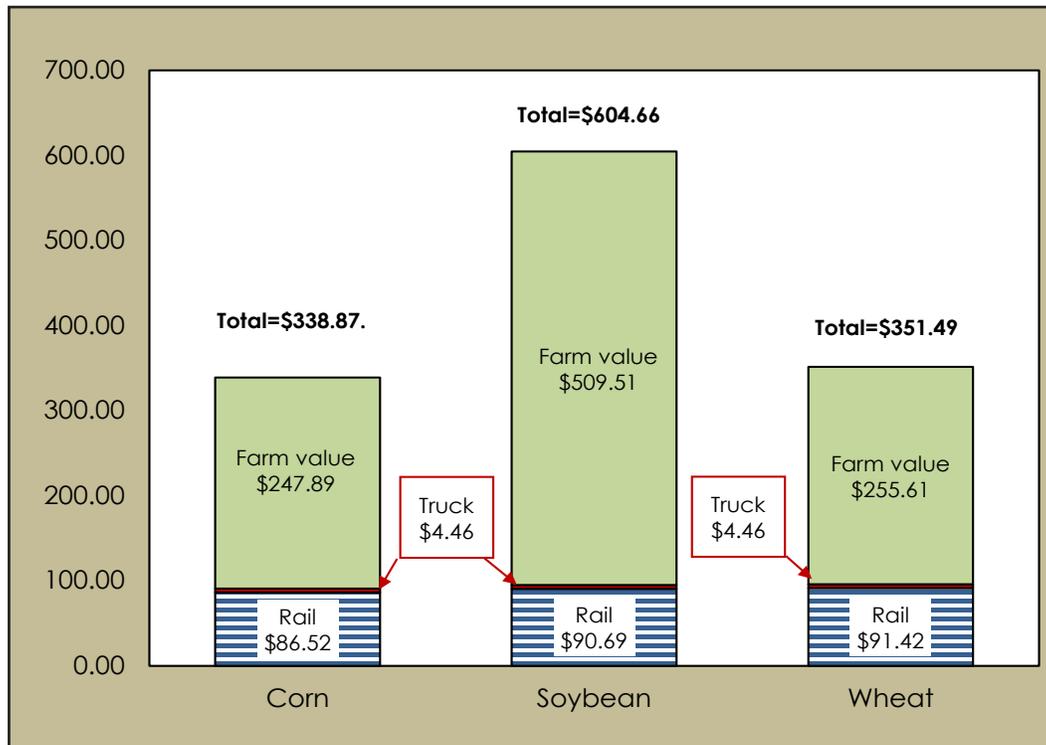


Source: USDA Agricultural Marketing Service



Quarter-to-quarter and year-to-year farm prices fell for U.S. corn, soybeans, and wheat. Corn prices fell 11 percent from the previous quarter and 14 percent from a year ago. The price of soybeans was down 5 percent from the previous quarter and 9 percent from a year earlier. Wheat prices fell 5 and 16 percent below the previous quarter and a year earlier. Lower grain prices led to a higher share of the landed costs for transportation. Transportation's share of the landed cost ranged from 9–18 percent for the water route and 16–27 percent for the land route. Total landed costs for the water route ranged from \$287.13– \$579.11 and \$338.87– \$604.66 for the land route (figures 1 and 2).

Figure 2. Land route shipment costs to Guadalajara, Mexico



Source: USDA Agricultural Marketing Service

Market Outlook

From January to August, Mexico imported 3.09 million metric tons (mmt) of corn, 1.59 mmt of soybeans, and 2.06 mmt of wheat from the United States, valued at \$9.42 billion, \$1.59 billion, and \$6.53 billion. Although the amount of grain imported was less than the same period last year, it is very likely that imports will increase for marketing year (MY) 2013/14 due to contraction in Mexico's corn and wheat production caused by tropical storms and adverse weather conditions (FAS, GAIN Report #: MX3078). USDA's Foreign Agricultural Service has revised upward its estimate from the official USDA estimate of Mexico's MY 2013/14 corn imports to 8.0 mmt and wheat imports to 3.9 mmt (FAS, GAIN Report #: MX3078). Almost all of these imports are expected to come from the United States.



- **Rail Rates and Volume.** High U.S. grain prices and limited grain supplies resulted in a 4 percent decrease in rail shipments of grain to Mexico compared to the prior 3-year average. During the third quarter of 2013, railroads transported 21,735 carloads of grain and oilseeds to Mexico, up 18 percent from the second quarter and up 1 percent from the same period in 2012. Overall rail transportation costs (tariff rates plus fuel surcharges) dropped 0.8 percent from the second quarter 2013, but were up 0.5 percent from the third quarter 2012. Tariff rail rates per grain car were \$6,738, up 0.2 percent from the second quarter, but the same as the third quarter 2012. Fuel surcharges per railcar, at \$595, were down 11 percent from the second quarter, but up 4.4 percent from the third quarter 2012.
- **Ocean Freight Rates:** Ocean freight rates for shipping bulk grains to Mexico decreased slightly during the second quarter frOcean freight rates for shipping bulk grains to Mexico increased slightly during the third quarter from the previous quarter, but were less than the same period a year ago and the 4-year averages. 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 \$20.47 per mt during the quarter—5 percent more than the previous quarter, but 1 and 13 percent less than the same period last year and the 4-year average. The cost of shipping in a 35–40,000 ton-capacity vessel averaged \$17.85 per mt—2 percent more than the previous quarter, but 4 and 22 percent less than the same period last year and the 4-year average. Ocean rates for shipping bulk grains rose during the third quarter due to increased global shipments of bulk commodities such as iron ore, coal, and grains ([see GTR, dated 11/07/13](#)).

Fruit and Vegetables

In the third quarter of 2013, total truck shipments of fruits and vegetables from Mexico increased 9 percent from the same quarter in 2012. The top 5 commodities increased 14 percent, led by mangoes, which were up 50 percent from last year. According to The Packer, Mexican production was very favorable, up for the third consecutive year, with strong shipments and consumption. Mexican shipments reached over 3 million boxes per week with total shipments exceeding last year's record of 58 million cartons. Most of the increase in mango shipments from Mexico crossed at the Texas border (66,000 tons), which was 59 percent higher than the same quarter last year. Mango shipments across the Arizona border increased 39 percent from the same quarter last year to 53,000 tons.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.02 per mile, down 13 percent from last quarter and 7 percent higher than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$1.63 per mile, down 37 percent from last quarter, and 12 percent lower than the same quarter last year. Diesel fuel prices for border crossings through Texas averaged \$3.84 per gallon, 2 percent higher than last quarter, but the same as last year. Diesel fuel prices for border crossings through Arizona averaged \$3.97 per gallon, 2 percent higher than last quarter, but 4 percent lower than the same period last year. Truck availability was adequate for the first two months of the 3rd quarter but gradually reached a surplus by the end of the quarter for the border crossing through Texas. Availability was at a surplus for the border crossing through Arizona.



Livestock

Figure 3. Total livestock border crossing to Mexico during 3rd quarter 2013

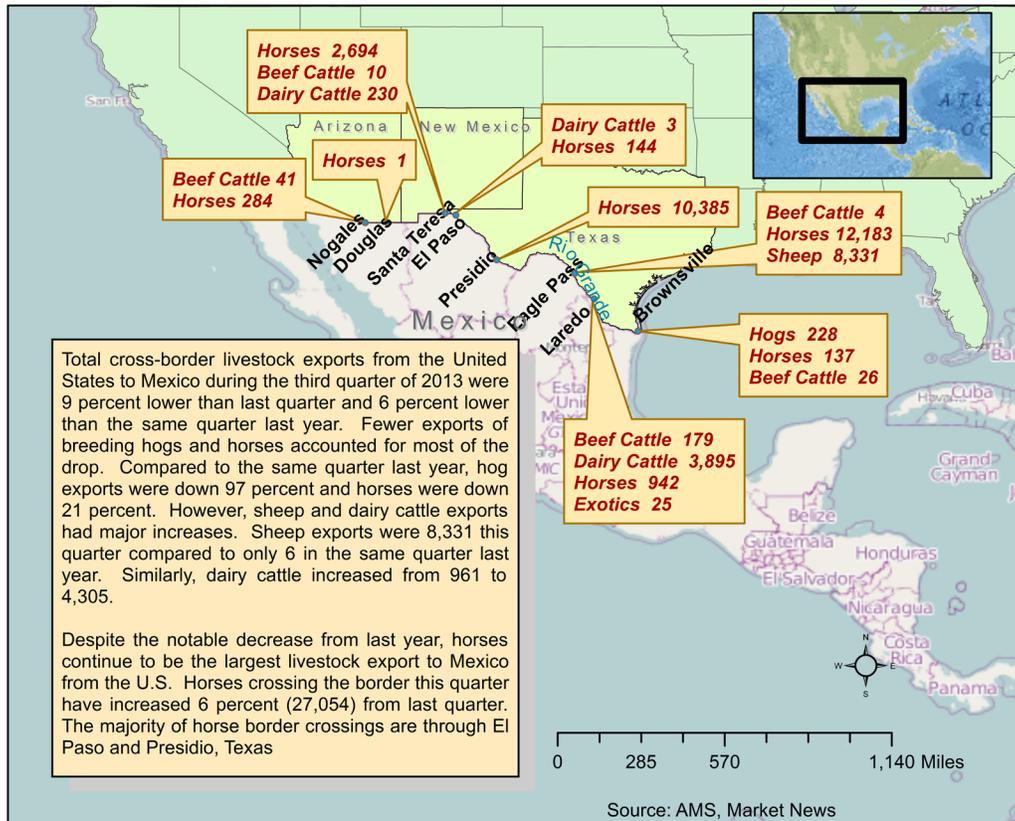




Table 1. Quarterly costs of transporting U.S. grain and soybeans to Mexico

-----2013-----										
	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									
	Corn									
Origin	IL					IA				
Truck	10.98	9.46	13.38		11.27	4.16	3.76	4.46		4.13
Rail ¹						87.05	87.50	86.52		87.02
Ocean ²	17.89	17.58	17.85		17.77					
Barge	15.27	14.83	18.77		16.29					
Total transportation cost	44.14	41.87	50.00		50.96	91.21	91.26	90.98		91.15
Farm price	276.23	272.43	237.13		261.93	278.07	278.86	247.89		268.27
Landed cost	320.37	314.30	287.13		307.27	369.28	370.12	338.87		359.42
Transport % of landed cost	13.8	13.3	17.4		14.8	24.7	24.7	26.8		25.4
	Soybeans									
Origin	IL					NE				
Truck	10.98	9.46	13.38		11.27	4.16	3.76	4.46		4.13
Rail ¹						91.20	91.64	90.69		91.18
Ocean ²	17.89	17.58	17.85		17.77					
Barge	15.27	14.83	18.77		16.29					
Total transportation cost	44.14	41.87	50.00		50.96	95.36	95.40	95.15		94.86
Farm price	535.23	553.61	529.11		539.32	522.99	536.40	509.51		522.97
Landed cost	579.37	595.48	579.11		584.65	618.35	631.80	604.66		599.47
Transport % of landed cost	7.6	7.0	8.6		7.8	15.4	15.1	15.7		15.4
	Wheat									
Origin	KS					KS				
Truck	26.34	35.77	22.50		28.20	4.16	3.76	4.46		4.13
Rail ¹						83.19	86.47	91.42		87.03
Ocean ²	17.89	17.58	17.85		17.77					
Barge	11.92	9.84	14.47		12.08					
Total transportation cost	56.15	63.19	54.82		58.05	87.35	90.23	95.88		91.15
Farm price	280.23	269.33	255.61		268.39	280.23	269.33	255.61		268.39
Landed cost	336.38	332.52	310.43		326.44	367.58	359.56	351.49		359.54
Transport % of landed cost	16.7	19.0	17.7		17.8	23.8	25.1	27.3		25.4

¹Rail 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.

² Source: O'Neil Commodity Consulting, Inc.

Rail rates include fuel surcharges.

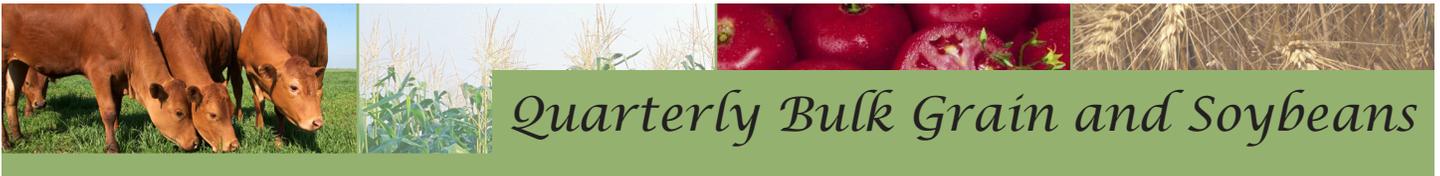


Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2013

Commodity	Origin state	Destination	Tariff rate/car ¹				Fuel surcharge per car ²					
			1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	6,595	6,262	6,327		6,395	595	579	563		579
	OK	Cuautitlan, EM	6,552	6,606	6,715		6,624	723	703	684		703
	KS	Guadalajara, JA	7,444	7,727	8,293		7,821	698	679	660		679
	TX	Salinas Victoria, NL	3,553	3,326	2,872		3,250	272	265	258		265
Corn	IA	Guadalajara, JA	7,699	7,699	7,699		7,699	821	799	777		799
	SD	Penjamo, GJ	7,608	7,356	7,356		7,440	778	757	736		757
	NE	Queretaro, QA	7,153	7,153	7,153		7,153	729	710	690		710
	SD	Salinas Victoria, NL	5,700	5,700	5,700		5,700	592	576	560		576
	MO	Tlalnepantla, EM	6,592	6,592	6,592		6,592	709	689	670		689
	SD	Torreon, CU	6,522	6,522	6,522		6,522	652	634	617		634
Soybeans	MO	Bojay (Tula), HG	7,580	7,580	7,580		7,580	693	674	655		674
	NE	Guadalajara, JA	8,134	8,134	8,134		8,134	792	771	749		771
	IA	El Castillo, JA	8,555	8,555	8,555		8,555	774	753	732		753
	KS	Torreon, CU	6,651	6,651	6,651		6,651	491	478	465		478
Sorghum	TX	Guadalajara, JA	6,464	6,464	6,464		6,464	507	493	479		493
	NE	Penjamo, GJ	6,997	6,997	6,997		6,997	707	688	669		688
	KS	Queretaro, QA	6,815	6,815	6,815		6,815	444	432	420		432
	NE	Salinas Victoria, NL	5,438	5,438	5,438		5,438	520	506	492		506
	NE	Torreon, CU	6,153	6,153	6,153		6,153	580	564	549		564

¹Rates 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.

²Approximate 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, 2013

			Tariff ¹ plus fuel surcharge per:									
			US\$/metric ton					US\$/bushel ²				
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	73.47	70.39	70.35		71.40	2.00	1.91	1.91		1.94
	OK	Cuautitlan, EM	74.33	75.28	75.53		75.05	2.02	2.05	2.05		2.04
	KS	Guadalajara, JA	83.19	86.47	91.42		87.03	2.26	2.35	2.49		2.37
	TX	Salinas Victoria, NL	39.09	36.92	31.95		35.98	1.06	1.00	0.87		0.98
Corn	IA	Guadalajara, JA	87.05	87.50	86.52		87.02	2.21	2.22	2.20		2.21
	SD	Penjamo, GJ	85.69	83.55	82.61		83.95	2.17	2.12	2.10		2.13
	NE	Queretaro, QA	80.54	80.94	80.07		80.52	2.04	2.05	2.03		2.04
	SD	Salinas Victoria, NL	64.29	64.61	63.90		64.27	1.63	1.64	1.62		1.63
	MO	Tlalnepanitla, EM	74.59	74.98	74.13		74.57	1.89	1.90	1.88		1.89
	SD	Torreón, CU	73.30	73.66	72.88		73.28	1.86	1.87	1.85		1.86
Soybeans	MO	Bojay (Tula), HG	84.53	84.91	84.08		84.51	2.30	2.31	2.29		2.30
	NE	Guadalajara, JA	91.20	91.64	90.69		91.18	2.48	2.49	2.47		2.48
	IA	Penjamo (Celaya), GJ	95.32	95.74	94.82		95.29	2.59	2.60	2.58		2.59
	KS	Torreón, CU	72.98	73.25	72.66		72.96	1.98	1.99	1.98		1.98
Sorghum	TX	Guadalajara, JA	71.22	71.50	70.90		71.21	1.81	1.81	1.80		1.81
	NE	Penjamo, GJ	78.71	79.10	78.25		78.69	2.00	2.01	1.99		2.00
	KS	Queretaro, QA	74.17	74.41	73.88		74.15	1.88	1.89	1.87		1.88
	NE	Salinas Victoria, NL	60.87	61.16	60.54		60.85	1.54	1.55	1.54		1.54
	NE	Torreón, CU	68.80	69.12	68.42		68.78	1.75	1.75	1.74		1.75

¹Rates 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.

²Approximate 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



Quarterly Bulk Grain and Soybeans

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		903

*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		20.08
35-40,000	17.89	17.58	17.85		17.77

Source: O'Neil Commodity Consulting



Table 6. U.S. livestock exports to Mexico by border crossing* (head) July-September 2013

Border Crossing	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	0	0	0
Breeding males	29	9	106	144
Breeding females	0	32	106	138
Total beef	29	41	212	282
Hogs				
Slaughter	0	0	0	0
Breeding males	0	0	145	145
Breeding females	0	0	83	83
Total hogs	0	0	228	228
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	8,331	8,331
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	8,331	8,331
Dairy cattle				
Breeding males	0	0	2	2
Breeding females	410	0	3,893	4,303
Total dairy	410	0	3,895	4,305
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	2,391	0	22,553	24,944
Breeding males	156	114	367	637
Breeding females	193	133	664	990
Geldings	59	38	172	269
Burro/mule/pony	0	0	214	214
Total horses	2,799	285	23,970	27,054
Exotics**	0	0	25	25
Grand total	3,238	326	36,661	40,225

*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 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Average
Nogales, Arizona	1.83	1.92	2.17	1.87	1.95
Pharr, Texas	1.77	1.82	1.61	1.54	1.68
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		2.47
Pharr, Texas	2.15	2.33	2.02		2.24

*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, 2013

Legend:		Truck availability																				
		July					August				September											
1 = Surplus		2 = Slight Surplus		3 = Adequate		4 = Slight Shortage		5 = Shortage														
Mexico border crossings/month		July					August				September											
Week		7/2	7/9	7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	9/17	9/24								
Through Nogales, AZ	Grapes, Mangoes, Melons, Mixed Fruit, and Veg. Plum Tomatoes	1	1	1	1																	
Through TX	Carrots, Citrus, Limes, Mangoes, Mixed Fruit and Veg, Plum Tomatoes	3	3	3	3	3	3	3	3	2	2	2	1	1								

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	3rd qtr 2013	Rank
Limes	28,353	1
Mangoes	23,994	2
Peppers, Other	23,229	3
Tomatoes, Plum Type	22,256	4
Tomatoes	18,041	5
Avocados	15,049	6
Misc Tropical	11,919	7
Cucumbers	11,592	8
Broccoli	6,589	9
Papaya	5,861	10

Source: USDA, AMS, Market News



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

Commodity	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total 2008
Tomatoes (all varieties)	66,049	53,659	15,156	26,271	161,135
Peppers (all varieties)	43,219	38,961	17,356	27,565	127,101
Watermelon	26,601	73,261	2,202	18,531	120,595
Limes	15,557	26,505	20,834	18,705	81,601
Cucumbers	31,017	29,092	5,415	21,587	87,111
Subtotal	182,443	221,478	60,963	112,659	577,543
Other	156,348	207,080	74,194	113,146	550,768
Total	338,791	428,558	135,157	225,805	1,128,311
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
Subtotal	177,601	195,065	76,790	149,452	598,908
Other	181,069	143,027	80,567	129,714	534,377
Total	181,069	338,092	157,357	279,166	955,684
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
Subtotal	249,992	157,825	73,569	144,160	625,546
Other	178,749	264,046	116,397	133,112	692,304
Total	428,741	421,871	189,966	277,272	1,317,850

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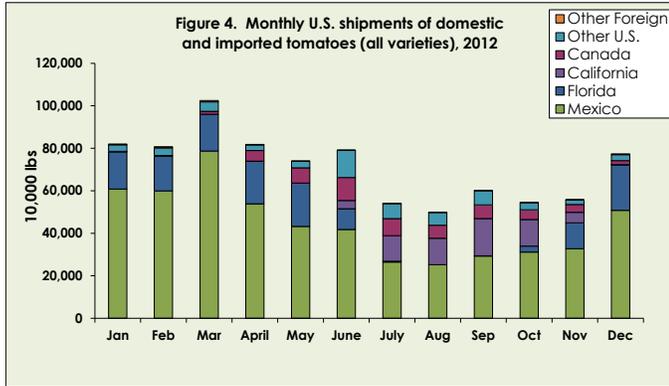
**Table 10. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)
-continued-**

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
Subtotal	230,057	204,358	81,619	114,489	630,523
Other	181,726	199,596	109,240	103,717	594,279
Total	411,783	403,954	190,859	218,206	1,224,802
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
Subtotal	255,163	164,532	90,552	148,855	659,102
Other	200,550	256,945	122,889	190,616	771,000
Total	455,713	421,477	213,441	339,471	1,430,102
Commodity	1st qtr 2013	2nd qtr 2013	3rd qtr 2013	4th qtr 2013	Total 2013
Tomatoes (all varieties)	88,753	75,505	43,373		207,631
Peppers (all varieties)	55,952	35,111	27,341		118,404
Avocados	38,933	26,387	15,049		80,369
Cucumbers	38,877	30,555	11,592		81,024
Onions (dry and green)	24,818	22,138	7,584		54,540
Subtotal	247,333	189,696	104,939		541,968
Other	206,944	271,688	126,051		604,683
Total	454,277	461,384	230,990		1,146,651

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

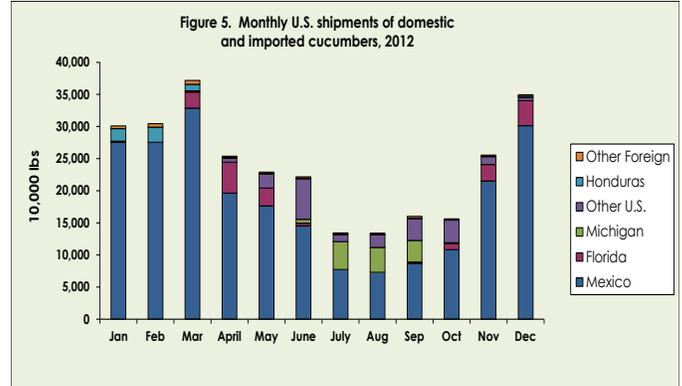


Figure 4. Monthly U.S. shipments of domestic and imported tomatoes (all varieties), 2012



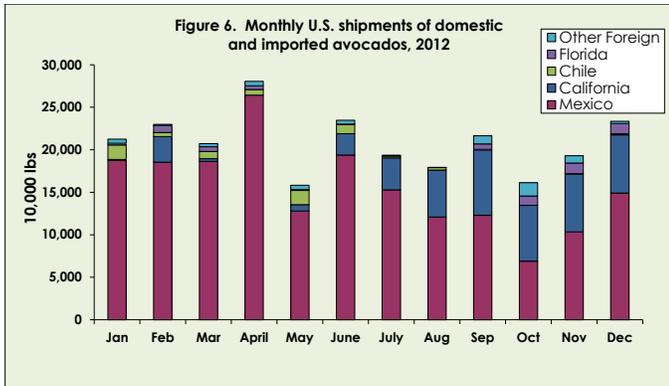
Source: Agricultural Marketing Service (AMS), USDA

Figure 5. Monthly U.S. shipments of domestic and imported cucumbers, 2012



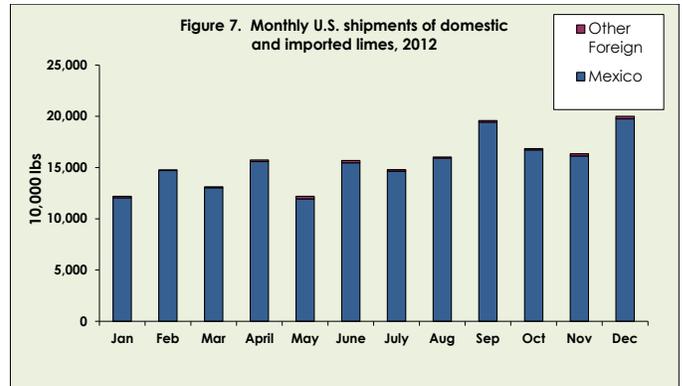
Source: Agricultural Marketing Service (AMS), USDA

Figure 6. Monthly U.S. shipments of domestic and imported avocados, 2012



Source: Agricultural Marketing Service (AMS), USDA

Figure 7. Monthly U.S. shipments of domestic and imported limes, 2012

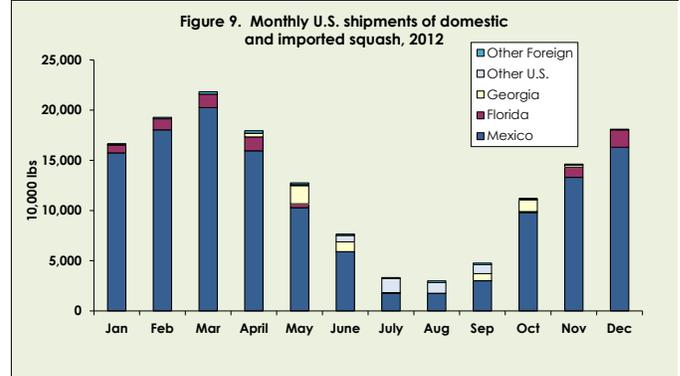
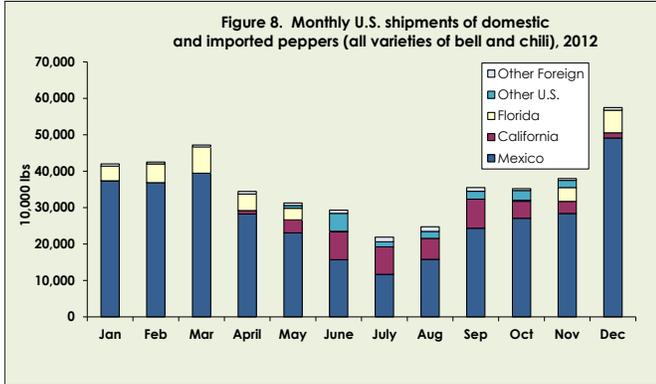


Source: Agricultural Marketing Service (AMS), USDA



Figure 8. Monthly U.S. shipments of domestic and imported peppers (all varieties of bell & chili), 2012

Figure 9. Monthly U.S. shipments of domestic and imported squash, 2012

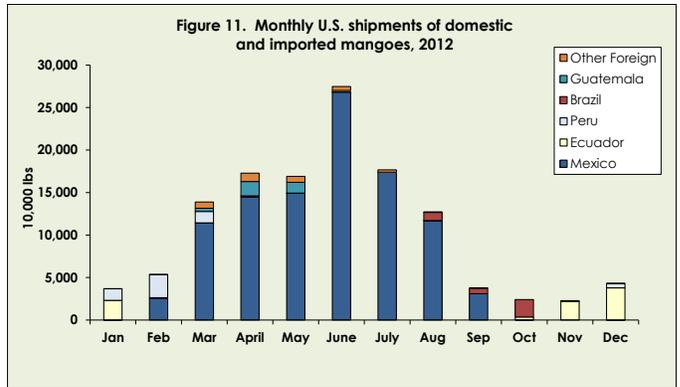
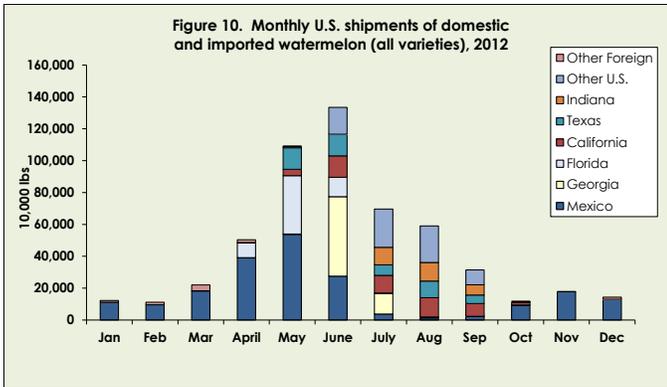


Source: Agricultural Marketing Service (AMS), USDA

Source: Agricultural Marketing Service (AMS), USDA

Figure 10. Monthly U.S. shipments of domestic and imported watermelons (all varieties), 2012

Figure 11. Monthly U.S. shipments of domestic and imported mangoes, 2012



Source: Agricultural Marketing Service (AMS), USDA

Source: Agricultural Marketing Service (AMS), USDA



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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](#)

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Data Sets:

- ◆ Figure 1: Water route shipment costs to Veracruz, Mexico
- ◆ Figure 2: Land route shipment costs to Guadalajara, Mexico
- ◆ Figure 3: Total livestock border crossing to Mexico during 3rd quarter 2013
- ◆ Figure 4: Monthly U.S. shipments of domestic and imported tomatoes (all varieties), 2012
- ◆ Figure 5: Monthly U.S. shipments of domestic and imported cucumbers, 2012
- ◆ Figure 6: Monthly U.S. shipments of domestic and imported avocados, 2012
- ◆ Figure 7: Monthly U.S. shipments of domestic and imported limes, 2012
- ◆ Figure 8: Monthly U.S. shipments of domestic and imported peppers (all varieties of bell & chilli), 2012
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- ◆ 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), 2013
- ◆ Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2013
- ◆ 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 2013
- ◆ 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, 2013
- ◆ 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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