



Mexico Transport Cost Indicator Report

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Marketing
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Transportation Costs Decline; Exports to Mexico Increase. The transportation costs of shipping grain to Mexico were generally lower during the first quarter of 2014 than the previous quarter. The transportation costs of transporting waterborne corn, soybeans, and wheat declined by 3, 3, and 1 percent, respectively (table 1). The costs of transporting corn and soybeans by the land route increased by just 1 percent. However, the cost of transporting wheat decreased by 13 percent, which resulted from a quarter-to-quarter drop in truck costs of 24 percent and rail costs by 12 percent. Grain shipments to Mexico increased during the quarter.

The decrease in transportation costs on the water route was due to a significant reduction in barge rates that more than offset increases in truck and ocean rates. The increase in truck rates was due to high demand for trucking activity during the quarter. Numerous reports of inadequate rail service in Montana, North Dakota, South Dakota, and Minnesota during the quarter may have increased the demand for truck service to deliver grains to river and export elevators. In addition, trucks were used heavily for fertilizer movements from barge-served locations due to barges' reduced reliability and operability during the extreme winter, which increased competition and raised prices for truck service. Ocean rates inched up modestly because of increased shipments to Mexico during the quarter. Barge rates decreased during the quarter, which is typical during the winter quarter due to lower demand for barge services.

For the land route, truck rates declined during the quarter as inadequate rail service reduced the amount of grain shipped through rail-served elevators, reducing trucking demand at these locations. While the tariff rail rates for moving corn and soybean increased marginally, tariff rail rates for moving wheat declined substantially, causing the transportation cost of wheat to fall.

Along with the transportation costs, the farm prices for Illinois corn and Kansas wheat decreased during the quarter, reducing the total landed costs. The price of Illinois and Nebraska soybeans increased, raising their landed costs. The price of Illinois corn and the landed cost remained relatively stable during the quarter. However, the year-to-year prices and landed costs were lower for all grains. The landed costs for the water route ranged from \$234 to \$552 per mt (figure 1); land route costs were \$269 to \$579 per (figure 2).

Market Outlook: During January and March, 2.7 million metric tons (mmt) of U.S. corn were exported to Mexico, a 102 percent increase over the same period last year (FAS, GATS). Wheat exports to Mexico also increased by 12 percent to 0.69 mmt. The prices of both commodities fell from the previous year, causing the value of exports not to increase as much as quantities. The value of corn exports increased by 83 percent, while the value of wheat exports declined by 4 percent. During the same period, 0.93 mmt of soybeans were exported to Mexico at a value of \$493 million, a 19 and 9 percent increase, respectively, over last year. Mexico is forecast to import 11.50 mmt of corn during the marketing year (MY) 2013/14 ([FAS, GAIN Report #: 4020](#)). This is slightly more than twice the amount of corn imported in the previous year. Mexico is also forecast to import 4.3 mmt of wheat during the MY 2013/14. Most of Mexico's corn and wheat imports is expected to come from the United States. Given the current relatively low commodity prices and bulk ocean freight rates, U.S. grain shipments to Mexico should remain competitive, at least in the near term.



Table 1. Quarterly costs of transporting U.S. grain to Guadalajara, Mexico

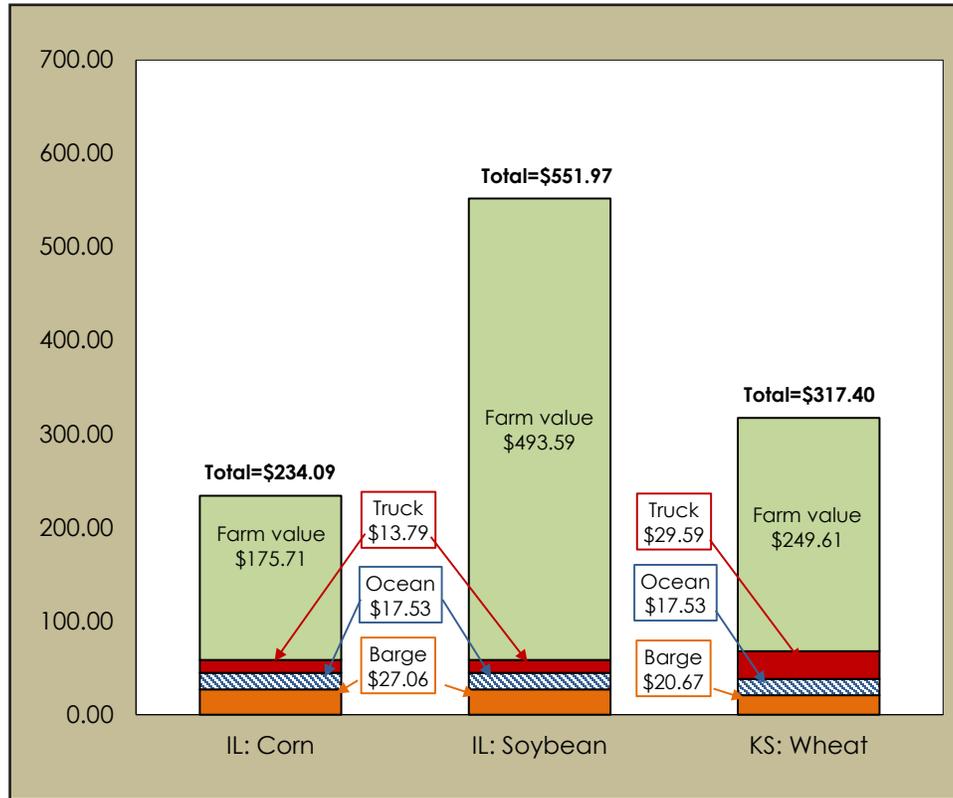
	Water route (to Veracruz)					Land route (to Guadalajara)				
	\$/metric ton					\$/metric ton				
	2013	2013	2014	Percent change		2013	2013	2014	Percent change	
	1st qtr.	4th qtr.	1st qtr.	Yr. to Yr.	Qtr. to Qtr.	1st qtr.	4th qtr.	1st qtr.	Yr. to Yr.	Qtr. to Qtr.
Corn										
Origin	IL					IA				
Truck	10.86	12.42	13.79	27.0	11.0	3.47	4.56	3.47	0.0	-23.9
Rail ¹						87.65	87.65	89.33	1.9	1.9
Ocean ²	16.73	17.13	17.53	4.8	2.3					
Barge	29.26	30.38	27.06	-7.5	-10.9					
Total transportation cost	56.85	59.93	58.38	2.7	-2.6	91.12	92.21	92.80	1.8	0.6
Farm Value	271.51	178.07	175.71	-35.3	-1.3	272.43	175.32	175.97	-35.4	0.4
Landed Cost	328.36	238.00	234.09	-28.7	-1.6	363.55	267.53	268.77	-26.1	0.5
Transport % of landed cost	17	25	25			25	34	35		
Soybeans										
Origin	IL					NE				
Truck	10.86	12.42	13.79	27.0	11.0	3.47	4.56	3.47	0.0	-23.9
Rail ¹						91.79	91.79	93.89	2.3	2.3
Ocean ²	16.73	17.13	17.53	4.8	2.3					
Barge	29.26	30.38	27.06	-7.5	-10.9					
Total transportation cost	56.85	59.93	58.38	2.7	-2.6	95.26	96.35	97.36	2.2	1.0
Farm Value	531.56	475.22	493.59	-7.1	3.9	516.86	460.52	481.34	-6.9	4.5
Landed Cost	588.41	535.15	551.97	-6.2	3.1	612.12	556.87	578.70	-5.5	3.9
Transport % of landed cost	10	11	11			16	17	17		
Wheat										
Origin	KS					KS				
Truck	26.85	28.06	29.59	10.2	5.5	3.47	4.56	3.47	0.0	-23.9
Rail ¹						83.71	83.71	73.70	-12.0	-12.0
Ocean ²	16.73	17.33	17.53	4.8	1.2					
Barge	23.79	22.96	20.67	-13.1	-10.0					
Total transportation cost	67.37	68.35	67.79	0.6	-0.8	87.18	88.27	77.17	-11.5	-12.6
Farm Value	309.26	259.17	249.61	-19.3	-3.7	309.26	259.17	249.61	-19.3	-3.7
Landed Cost	376.63	327.52	317.40	-15.7	-3.1	396.44	347.44	326.78	-17.6	-5.9
Transport % of landed cost	18	21	21			22	25	24		

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. Rail rates include fuel surcharges. Origins are modified from past tables. Rail rates for water route were revised from previous estimates.

²Source: O'Neil Commodity Consulting

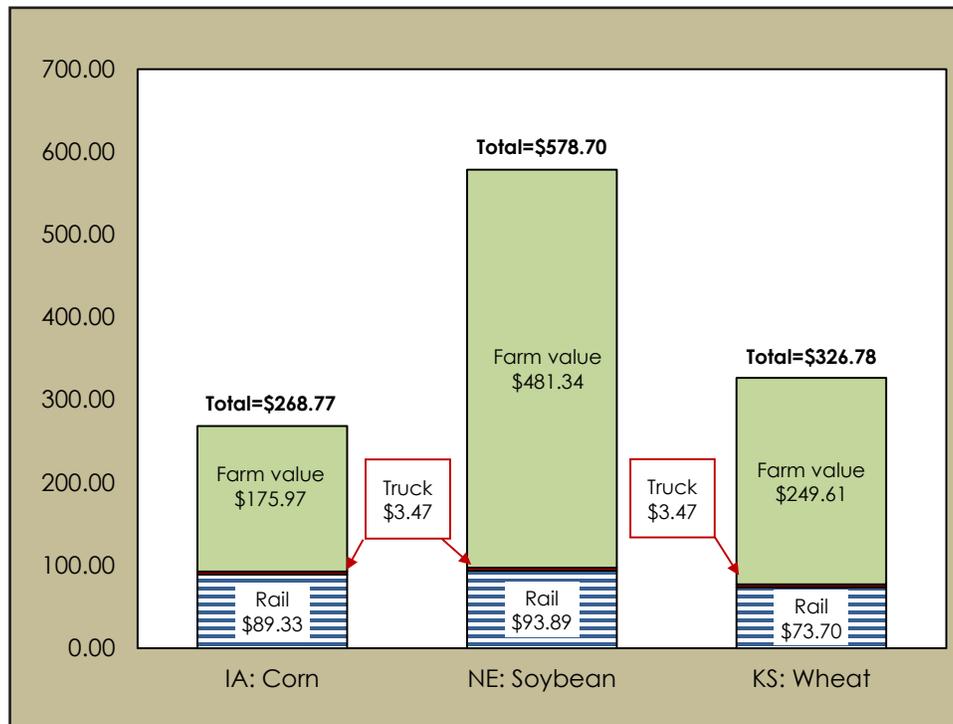


Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA Agricultural Marketing Service

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



Source: USDA Agricultural Marketing Service



Ocean Freight Rates: Ocean freight rates for shipping bulk grains to Mexico during the first quarter were mixed but remained relatively stable compared to the previous quarter, but 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 \$20.08 per mt during the quarter—unchanged from the previous quarter, but 1 and 6 percent less than the same period last year and the 4-year average, respectively. The cost of shipping in a 35–40,000 ton-capacity vessel averaged \$17.53 per mt—2 percent more than the previous quarter, but 2 and 7 percent less than the same period last year and the 4-year average, respectively. Ocean rates for shipping bulk grains remained relatively low during the first quarter due to seasonal holidays and erratic demand for bulk shipments ([see GTR, dated 5/01/14](#)).

Rail Rates: High U.S. grain prices and limited grain supplies resulted in a 20 percent decrease in 2013 rail shipments of grain to Mexico compared to 2012. During the first quarter of 2014, following a record harvest that decreased grain prices, railroads transported 25,138 carloads of grain and oilseeds to Mexico, up 44 percent from the first quarter 2013 and up 3.6 percent from the prior 3-year average.

Overall rail transportation costs (tariff rates plus fuel surcharges) decreased 1.6 percent from the fourth quarter 2013, and were down 0.2 percent from the first quarter 2013. Tariff rail rates per grain car were \$6,775, down 1.4 percent from the fourth quarter, but up 0.4 percent from the first quarter 2013. Fuel surcharges per railcar, at \$595, were down 3.7 percent from the fourth quarter 2013 and down 6.3 percent from the first quarter 2013.

Fruit and Vegetables

Total reported shipments of fruits and vegetables from Mexico during the first quarter of 2014 increased 8 percent from the same quarter in 2013. The sum of the top 5 commodities increased 11 percent from last year with increases in tomatoes, bell peppers, and cucumbers. The Packer reported that tomato, bell pepper, and cucumber production was delayed in Mexico due to fall storms and hurricanes, causing a large volume of these commodities to cross the Arizona border 3 weeks later than usual. Meanwhile, severe winter storms throughout the U.S. hampered shipments and consumer shopping, causing demand for these items to fall during the first quarter.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.32 per mile, up 16 percent from last quarter and 8 percent higher than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$2.46 per mile, up 6 percent from last quarter and 5 percent higher than the same quarter last year. Diesel fuel prices for border crossings through Texas averaged \$3.79 per gallon, 0.3 percent higher than the previous quarter, and 4 percent lower than the same quarter in 2013. Diesel fuel prices for border crossings through Arizona averaged \$3.92 per gallon, 0.1 percent higher than the previous quarter and 4 percent lower than the same period in 2013. Truck availability was mostly adequate at Nogales with a shortage at the beginning of the quarter; there was a slight to full shortage for most of the quarter at the Texas border with adequate availability for the first three weeks of February.

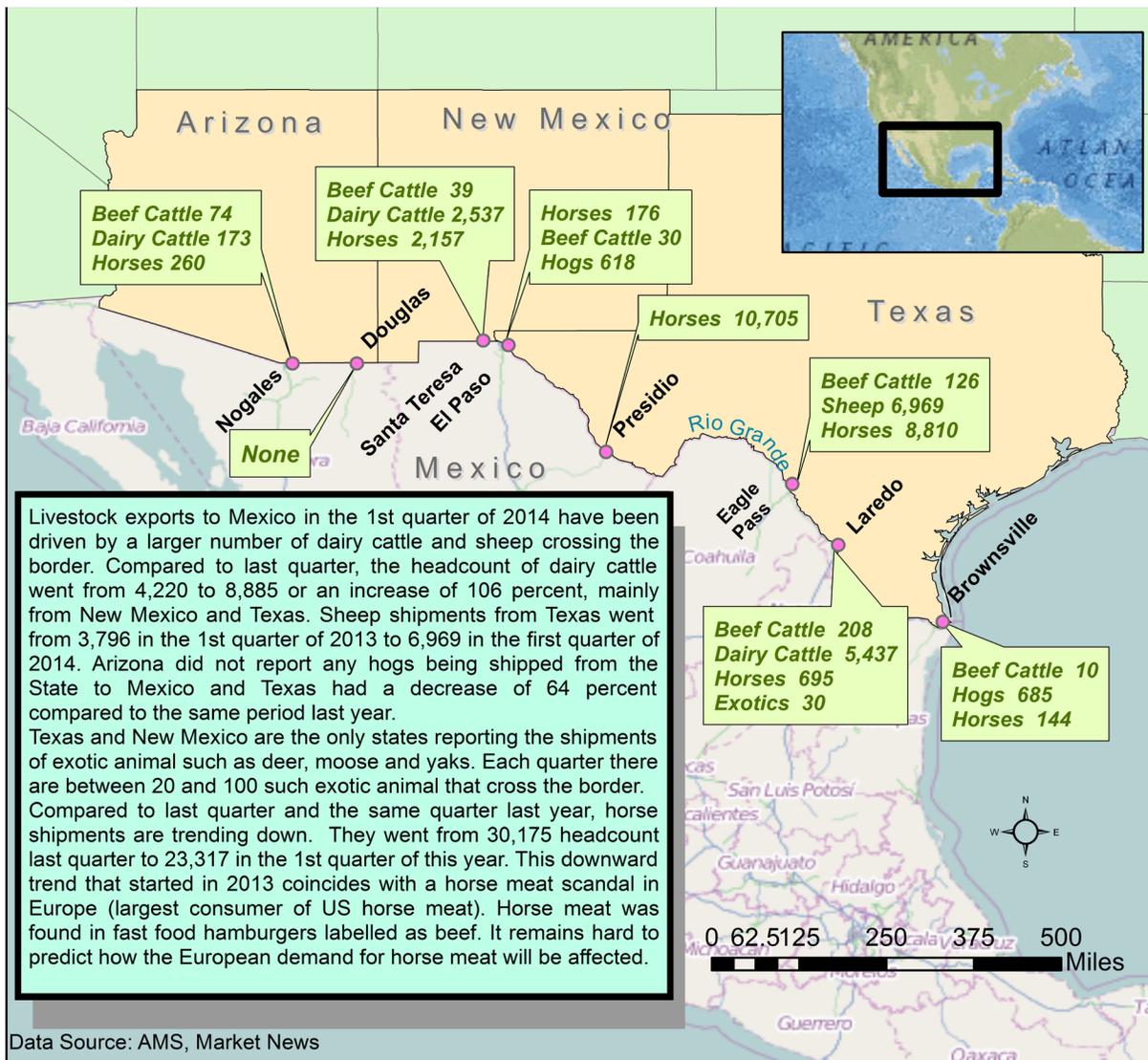


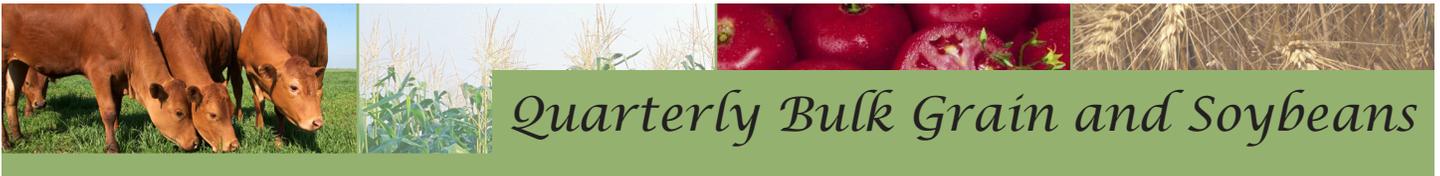
Livestock

Livestock exports to Mexico in the 1st quarter of 2014 have been driven by a larger number of dairy cattle and sheep crossing the border. Compared to last quarter, the headcount of dairy cattle went from 4,220 to 8,885 or an increase of 106 percent, mainly from New Mexico and Texas. Sheep shipments from Texas went from 3,796 in the 1st quarter of 2013 to 6,969 in the first quarter of 2014. Arizona did not report any hogs being shipped from the State to Mexico and Texas had a decrease of 64 percent compared to the same period last year.

Texas and New Mexico are the only states reporting the shipments of exotic animal such as deer, moose and yaks. Each quarter there are between 20 and 100 such exotic animal that cross the border. Compared to last quarter and the same quarter last year, horse shipments are trending down. They went from 30,175 headcount last quarter to 23,317 in the 1st quarter of this year. This downward trend that started in 2013 coincides with a horse meat scandal in Europe (largest consumer of US horse meat). Horse meat was found in fast food hamburgers labelled as beef. It remains hard to predict how the European demand for horse meat will be affected.

Figure 3. Livestock Border Crossing to Mexico during the 1st quarter 2014





Quarterly Bulk Grain and Soybeans

Table 2. Quarterly costs of transporting U.S. grain and soybeans to Guadalajara, Mexico

-----2014-----										
	Water route					Land route				
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
	US\$/metric ton					US\$/metric ton				
Corn										
Origin	IL					IA				
Truck	13.79				13.79	3.47				3.47
Rail ¹						89.33				89.33
Ocean ²	17.53				17.53					
Barge	27.06				27.06					
Total transportation cost	58.38				48.98	92.80				92.80
Farm price	175.71				175.71	175.97				175.97
Landed cost	234.09				234.09	268.77				336.46
Transport % of landed cost	24.9				20.9	34.5				27.6
Soybeans										
Origin	IL					NE				
Truck	13.79				13.79	3.47				3.47
Rail ¹						93.89				93.89
Ocean ²	17.53				17.53					
Barge	27.06				27.06					
Total transportation cost	58.38				48.98	97.36				97.36
Farm price	493.59				493.59	481.34				481.34
Landed cost	551.97				572.27	578.70				602.93
Transport % of landed cost	10.6				10.6	16.8				16.8
Wheat										
Origin	KS					KS				
Truck	29.59				29.59	3.47				3.47
Rail ¹						73.70				73.70
Ocean ²	17.53				17.53					
Barge	20.67				20.67					
Total transportation cost	67.79				67.79	77.17				90.44
Farm price	249.61				249.61	249.61				249.61
Landed cost	317.40				326.72	326.78				356.53
Transport % of landed cost	21.4				21.4	23.6				23.6

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.

Rail rates include fuel surcharges

²Source: O'Neil Commodity Consulting, Inc.



Table 3. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2014

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	6,360				6,360	557				557
	OK	Cuautitlan, EM	6,156				6,156	677				677
	KS	Guadalajara, JA	6,559				6,559	654				654
	TX	Salinas Victoria, NL	2,898				2,898	255				255
Corn	IA	Guadalajara, JA	7,974				7,974	769				769
	SD	Penjamo, GJ	7,656				7,656	729				729
	NE	Queretaro, QA	7,317				7,317	683				683
	SD	Salinas Victoria, NL	5,880				5,880	554				554
	MO	Tlalnepantla, EM	6,755				6,755	664				664
	SD	Torreon, CU	6,722				6,722	611				611
Soybeans	MO	Bojay (Tula), HG	7,868				7,868	649				649
	NE	Guadalajara, JA	8,447				8,447	742				742
	IA	El Castillo, JA	8,855				8,855	725				725
	KS	Torreon, CU	6,864				6,864	460				460
Sorghum	TX	Guadalajara, JA	6,953				6,953	475				475
	NE	Penjamo, GJ	7,212				7,212	662				662
	KS	Queretaro, QA	6,650				6,650	416				416
	NE	Salinas Victoria, NL	5,368				5,368	487				487
	NE	Torreon, CU	6,243				6,243	544				544

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

			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	70.68				70.68	1.92				1.92
	OK	Cuautitlan, EM	69.82				69.82	1.90				1.90
	KS	Guadalajara, JA	73.70				73.70	2.01				2.01
	TX	Salinas Victoria, NL	32.21				32.21	0.88				0.88
Corn	IA	Guadalajara, JA	89.33				89.33	2.27				2.27
	SD	Penjamo, GJ	85.68				85.68	2.18				2.18
	NE	Queretaro, QA	81.74				81.74	2.08				2.08
	SD	Salinas Victoria, NL	65.74				65.74	1.67				1.67
	MO	Tlalnepanitla, EM	75.80				75.80	1.93				1.93
	SD	Torreón, CU	74.92				74.92	1.90				1.90
Soybeans	MO	Bojay (Tula), HG	87.02				87.02	2.37				2.37
	NE	Guadalajara, JA	93.89				93.89	2.55				2.55
	IA	Penjamo (Celaya), GJ	97.88				97.88	2.66				2.66
	KS	Torreón, CU	74.83				74.83	2.04				2.04
Sorghum	TX	Guadalajara, JA	75.89				75.89	1.93				1.93
	NE	Penjamo, GJ	80.45				80.45	2.04				2.04
	KS	Queretaro, QA	72.19				72.19	1.83				1.83
	NE	Salinas Victoria, NL	59.82				59.82	1.52				1.52
	NE	Torreón, CU	69.34				69.34	1.76				1.76

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 5. 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				356

*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 6. 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				20.08
35-40,000	17.53				17.53

Source: O'Neil Commodity Consulting



Table 7. U.S. livestock exports to Mexico by border crossing* (head) January-March 2014

Border Crossing	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	0	0	0
Breeding males	37	20	130	187
Breeding females	74	54	244	372
Total beef	111	74	374	559
Hogs				
Slaughter	0	0	0	0
Breeding males	0	0	681	681
Breeding females	0	0	622	622
Total hogs	0	0	1,303	1,303
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	6,969	6,969
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	6,969	6,969
Dairy cattle				
Breeding males	0	0	170	170
Breeding females	3,275	173	5,267	8,715
Total dairy	3,275	173	5,437	8,885
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	1,813	0	19,594	21,407
Breeding males	175	109	348	632
Breeding females	212	113	533	858
Geldings	80	38	167	285
Burro/mule/pony	0	0	135	135
Total horses	2,280	260	20,777	23,317
Exotics**	8	0	30	38
Grand total	5,674	507	34,890	41,071

*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 8. 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				2.46
Pharr, Texas	2.32				2.32

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



Table 9. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2014

Legend:		Truck availability											
1 = Surplus	2 = Slight Surplus												
3 = Adequate	4 = Slight Shortage												
5 = Shortage													
Mexico border crossings/month		January				February				March			
Week		1/7	1/14	1/21	1/28	2/4	2/11	2/18	2/25	3/4	3/11	3/18	3/25
Through Nogales, AZ	Mangoes, Melons, Mixed Vegetables, Tomatoes	5	4	3	2	3	3	4	3	3	3	3	3
Through TX	Carrots, Citrus, Mangoes, Mixed Fruit and Veg, Onions, Tomatoes	5	5	4	4	4	3	3	3	4	4	5	4

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

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

Commodity	1st qtr 2014	Rank
Tomatoes	54,940	1
Cucumbers	47,565	2
Peppers, bell type	40,759	3
Tomatoes, plum type	39,970	4
Avocados	37,085	5
Squash	29,622	6
Peppers, other	21,597	7
Limes	17,749	8
Asparagus	15,994	9
Strawberries	14,353	10

Source: USDA, AMS, Market News



Table 11. 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
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
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

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 11. 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
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	52,154	259,785
Peppers (all varieties)	55,952	35,111	27,341	51,481	169,885
Avocados	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
Subtotal	247,333	189,696	104,939	173,994	715,962
Other	206,944	271,688	126,051	168,680	773,363
Total	454,277	461,384	230,990	342,674	1,489,325
Commodity	1st qtr 2014	2nd qtr 2014	3rd qtr 2014	4th qtr 2014	Total 2014
Tomatoes (all varieties)	102,175				102,175
Peppers (all varieties)	62,356				62,356
Cucumbers	47,565				47,565
Avocados	37,085				37,085
Squash	29,622				29,622
Subtotal	278,803				278,803
Other	214,020				214,020
Total	492,823				492,823

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](#)

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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: Livestock Border Crossing to Mexico during the 1st quarter 2014

- ◆ Table 1: Quarterly costs of transporting U.S. grain to Guadalajara, Mexico
- ◆ Table 2: Quarterly costs of transporting U.S. grain and soybeans to Guadalajara, Mexico
- ◆ Table 3: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2014
- ◆ Table 4: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2014
- ◆ Table 5: Quarterly exports of U.S. Distillers' Dried Grains with Soluble (DDGS) to Mexico
- ◆ Table 6: Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)
- ◆ Table 7: U.S. livestock exports to Mexico by border crossing* (head) January-March 2014
- ◆ Table 8: Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border (US\$/mile)
- ◆ Table 9: Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2014
- ◆ Table 10: Top ten commodities shipped to the U.S. from Mexico (10,000 lbs)
- ◆ Table 11: Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

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