



Mexico Transport Cost Indicator Report

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Third Quarter Transportation Corn to Mexico Up, But Corn and Soybean Shipments Increased.

The transportation costs of shipping grains from the United States to Mexico generally increased during the third quarter, compared to the previous quarter; yet they are lower than the same period a year ago (see [Grain Transportation Report \(GTR\), dated 11/26/15](#)). However, there were increased shipments of corn and soybeans to Mexico during the quarter, compared to the same period a year ago. The transportation costs of shipping corn and soybeans to Mexico through the water route increased by 3 percent over the previous quarter, and the transportation cost of shipping wheat via the same route increased by 2 percent. The cost of transporting corn and soybeans by land route remained relatively unchanged during the quarter, while the cost of transporting wheat increased slightly by 1 percent.

The transportation costs were pushed up mainly due to increases in barge and ocean rates during the quarter. There was also a modest increase in tariff rail rate for shipping wheat from Kansas to Guadalajara by land route. Barge rates were higher during the quarter with above average tonnages increasing demand, however, rates are lower than last year at this time. Ocean freight rates increased during the quarter as a result of general increase in bulk shipping freight rates during the quarter (see [Grain Transportation Report \(GTR\), dated 10/29/15](#)). Truck rates fell due, partially, to low diesel prices. Average monthly diesel prices have fallen 7 out of the past 10 months during this year (see, [GTR dated 11/12/15](#)).

Despite the increased transportation costs from quarter to quarter, the costs of shipping grains to Mexico by both water and land routes decreased from year to year. Year-to-year transportation costs for shipping corn and soybeans through the water route decreased by 21 percent, and year-to-year costs of shipping wheat decreased by 1 percent. As for the land route, year-to-year transportation costs for corn, soybeans and wheat decreased by 3, 2 and 4 percent, respectively. Although the transportation costs generally increased during the quarter, lower farm values pushed down the landed costs for soybeans and wheat. The landed cost for the water route ranged from \$189.36 to \$396.62 per metric ton (mt) (see Table 1 and Figure 1), and \$236.49 to \$336.70 per mt for the land route (see Table 1 and Figure 2). The transportation share of the landed costs increased during the quarter; ranging from 11 to 24 percent for the water route and 29 to 39 percent for the land route.

Market Outlook: Mexico imported 3.25 million metric tons of corn and 0.96 million metric tons of soybeans during the third quarter--12 and 65 percent, respectively, more than the same period last year. Mexican feed consumption is expected to shift from sorghum to corn because of lower-than-previously-estimated domestic production of sorghum along with the affordable corn prices ([USDA, Foreign Agricultural Service \(FAS\) GAIN Report #:MX](#)). Also, soybean imports are expected to continue because of the low domestic production, and the United States is expected to continue to be the main supplier of soybeans to Mexico ([USDA, FAS GAIN Report #:MX 5014](#)). Therefore, the current levels of transportation and landed costs to Mexico should continue to make the U.S. exports to Mexico competitive.



April 6, 2016

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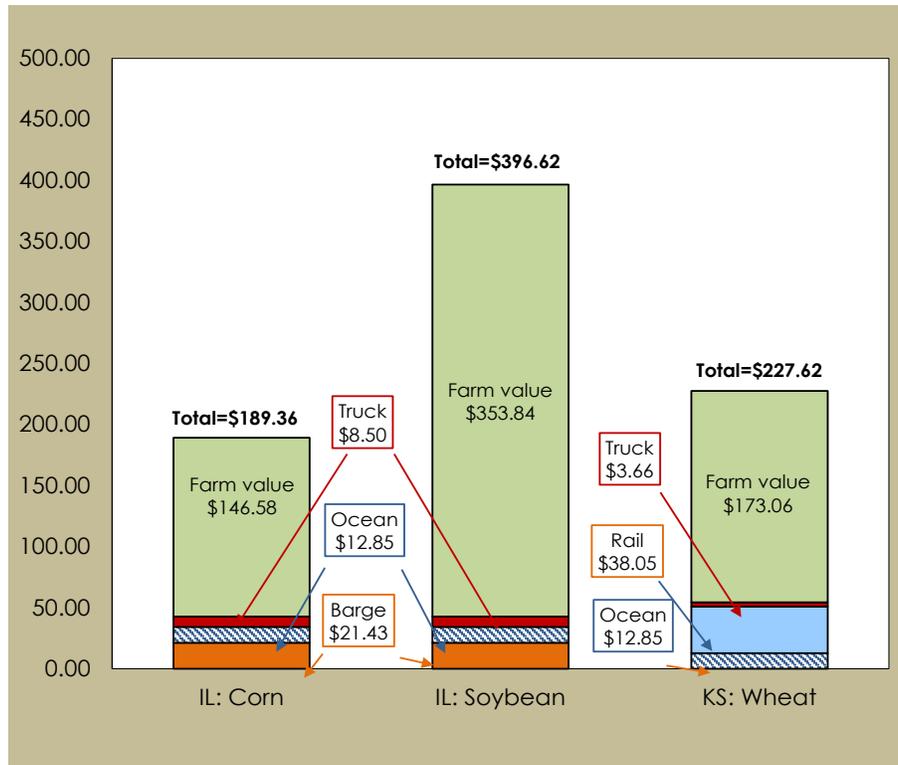
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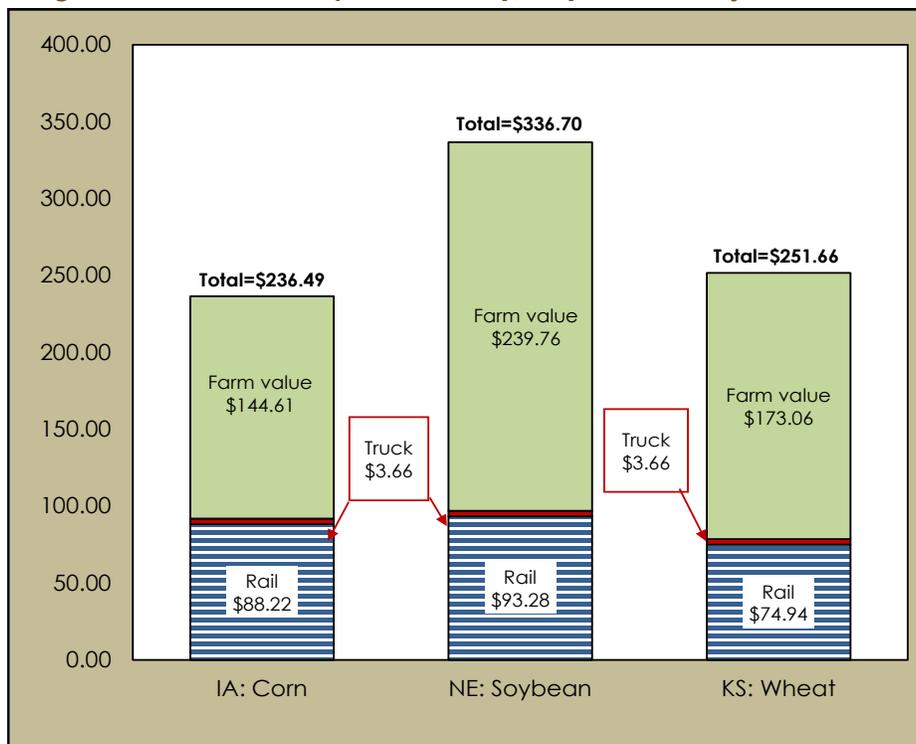


Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA Agricultural Marketing Service

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



Source: USDA Agricultural Marketing Service



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

-----2015-----										
	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				
Corn										
Origin	IL					IA				
Truck	12.02	12.02	8.50		10.85	3.91	3.91	3.66		3.83
Rail ¹						90.21	87.88	88.22		88.77
Ocean ²	11.63	11.89	12.85		12.12					
Barge	21.94	20.46	21.43		21.28					
Total transportation cost	45.59	44.37	42.78		48.98	94.12	91.79	91.88		92.60
Farm price	149.47	144.09	146.58		146.71	150.42	143.04	144.61		146.02
Landed cost	195.06	188.46	189.36		190.96	244.54	234.83	236.49		238.62
Transport % of landed cost	23.4	23.5	22.6		25.6	38.5	39.1	38.9		38.8
Soybeans										
Origin	IL					NE				
Truck	12.02	12.02	8.50		10.85	3.91	3.91	3.66		3.83
Rail ¹						94.87	93.01	93.28		93.72
Ocean ²	11.63	11.89	12.85		12.12					
Barge	21.94	20.46	21.43		21.28					
Total transportation cost	45.59	44.37	42.78		48.98	98.78	96.92	96.94		97.55
Farm price	376.01	359.60	353.84		363.15	356.66	343.06	239.76		313.16
Landed cost	421.60	403.97	396.62		572.27	455.44	439.98	336.70		410.71
Transport % of landed cost	10.8	11.0	10.8		10.9	21.7	22.0	28.8		24.2
Wheat										
Origin	KS					KS				
Truck	3.91	3.91	3.66		3.83	3.91	3.91	3.66		3.83
Rail ¹	35.94	38.05	38.05			74.52	74.00	74.94		74.49
Ocean ²	11.63	11.89	12.85		12.12					
Total transportation cost	51.48	53.85	54.56		53.30	78.43	77.91	78.60		90.44
Farm price	202.46	193.15	173.06		189.56	202.46	193.15	173.06		189.56
Landed cost	253.94	247.00	227.62		326.72	280.89	271.06	251.66		
Transport % of landed cost	20.3	21.8	24.0		22.0	27.9	28.7	31.2		29.3

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.

³Landed cost is total transportation cost plus the farm price



Ocean Freight Rates: Ocean freight rates for shipping bulk grains to Mexico increased during the second quarter, compared to the previous quarter, but declined compared to 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 \$14.59 per mt during the quarter—3 percent more than the previous quarter, but 7 and 26 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 \$12.85 per mt—8 percent more than the previous quarter, but 5 and 26 percent less than the same period last year and the 4-year average, respectively. Despite the slight increase in ocean freight rates, they are still relatively low partly due to the excess vessel supply in the market.

Railroad: During the third quarter of 2015, railroads transported 32,367 carloads of grain and oilseeds to Mexico, up 10 percent from the second quarter of 2015, up 18 percent from the third quarter of 2014, and up 37 percent from the prior-3-year average for the third quarter. Tariff rail rates per grain car averaged \$7,184, up 1 percent from the second quarter of 2015 and up 6 percent from third quarter 2014. Fuel surcharges per railcar averaged \$197 and were up 2 percent and down 72 percent from the second quarter of 2015 and third quarter 2014, respectively. Overall rail transportation costs (tariff rates plus fuel surcharges) increased 1 percent from the second quarter 2015 and were down 2 percent from the third quarter 2014. Third quarter exports of U.S. Distillers' Dried Grains with Solubles were 413 metric tons, up 50 percent from the second quarter 2015, and up 23 percent from the prior-3-year average for the third quarter.

Fruit and Vegetables

In the third quarter of 2015, total truck shipments of fruits and vegetables from Mexico increased to 198,000 tons, a 9 percent increase from the same quarter in 2014. The top 5 commodities increased 12 percent, led by avocados, which were up 52 percent from last year. Most of the increase in avocados shipments from Mexico crossed at the Texas border (193,000 tons). Lime was the 2nd largest commodity to cross through the Texas border with 110,000 tons.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.50 per mile, up 12 percent from last quarter and 9 percent higher than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$2.71 per mile, up 9 percent from last quarter, and 56 percent higher than the same quarter last year. Diesel fuel prices for border crossings through Texas averaged \$2.49 per gallon, 9 percent lower than last quarter, and 33 percent lower than the same quarter last year. Diesel fuel prices for border crossings through Arizona averaged \$2.87 per gallon, 7 percent lower than last quarter, and 39 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 adequate for the border crossing through Arizona.

Livestock

The third quarter of 2015 had a decrease in livestock exports to Mexico. The United States exported 32,322 head compared to 44,865 in the previous quarter, a 28 percent decrease. Compared to the same quarter last year, livestock exports decreased 29 percent from 49,284 heads. The decrease is due a decrease in horses export south of the border. The number of horses exported went from 25,477 in the second quarter to 22,780 horses in the third quarter of 2015. Similarly, all the other types of livestock decreased as well. Dairy and beef cattle, hogs, sheep, and goats saw a decrease in numbers. Cattle exports fell to 558 head, compared to 663 the previous quarter, a decrease of 16 percent. Hogs and sheep also showed a significant decline. Their exports were down 57 and 50 percent down, respectively. Exotic livestock exports to Mexico decreased 58 percent. During the 3rd quarter of 2015, 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 2015

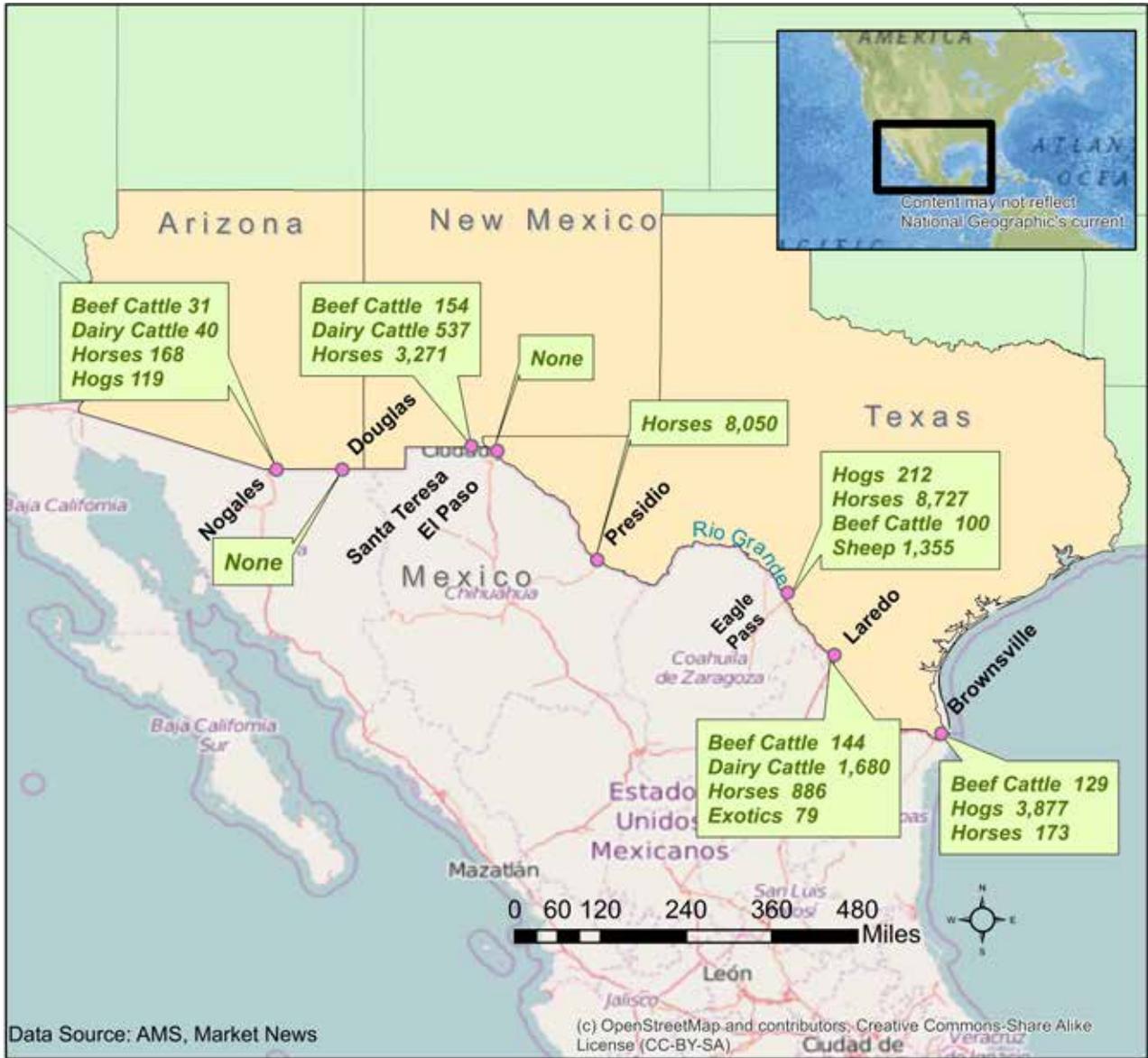




Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2015

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	6,960	7,386	7,632		7,326	348	145	150		214
	OK	Cuautitlan, EM	6,565	6,628	6,714		6,635	423	176	182		260
	KS	Guadalajara, JA	7,010	7,073	7,159		7,080	409	170	176		252
	TX	Salinas Victoria, NL	3,885	3,995	4,086		3,989	159	66	69		98
Corn	IA	Guadalajara, JA	8,349	8,401	8,427		8,392	481	200	207		296
	SD	Penjamo, GJ	7,656	7,739	7,780		7,725	456	189	196		281
	NE	Queretaro, QA	7,535	7,602	7,618		7,585	427	177	184		263
	SD	Salinas Victoria, NL	5,880	5,983	6,035		5,966	346	144	149		213
	MO	Tlalnepantla, EM	6,887	6,949	6,963		6,933	415	172	179		255
	SD	Torreon, CU	6,855	7,007	7,050		6,971	382	159	164		235
Soybeans	MO	Bojay (Tula), HG	8,211	8,347	8,365		8,308	406	168	175		250
	NE	Guadalajara, JA	8,822	8,910	8,929		8,887	464	193	200		285
	IA	El Castillo, JA	9,055	9,232	9,270		9,186	453	188	195		279
	KS	Torreon, CU	7,155	7,214	7,226		7,198	288	120	124		177
Sorghum	TX	Guadalajara, JA	7,153	7,184	7,150		7,162	297	123	128		183
	NE	Penjamo, GJ	7,287	7,365	7,404		7,352	414	172	178		255
	KS	Queretaro, QA	6,795	7,118	7,422		7,112	260	108	112		160
	NE	Salinas Victoria, NL	5,500	5,772	5,883		5,718	304	126	131		187
	NE	Torreon, CU	6,485	6,614	6,662		6,587	340	141	146		209

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. The cost of obtaining empty grain cars in the Secondary Grain Car markets, which in times of high demand may exceed the tariff rate plus fuel surcharge, is not included.

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 3. Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2015

			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	74.67	76.95	79.51		77.04	2.03	2.09	2.16		2.09
	OK	Cuautitlan, EM	71.40	69.51	70.46		70.46	1.94	1.89	1.92		1.92
	KS	Guadalajara, JA	75.80	74.00	74.94		74.92	2.06	2.01	2.04		2.04
	TX	Salinas Victoria, NL	41.33	41.50	42.45		41.76	1.12	1.13	1.15		1.14
Corn	IA	Guadalajara, JA	90.21	87.88	88.22		88.77	2.29	2.23	2.24		2.25
	SD	Penjamo, GJ	82.88	81.01	81.50		81.80	2.10	2.06	2.07		2.08
	NE	Queretaro, QA	81.35	79.48	79.72		80.19	2.06	2.02	2.02		2.03
	SD	Salinas Victoria, NL	63.62	62.61	63.19		63.14	1.61	1.59	1.60		1.60
	MO	Tlalnepantla, EM	74.60	72.76	72.98		73.45	1.89	1.85	1.85		1.86
	SD	Torreon, CU	73.95	73.22	73.71		73.63	1.88	1.86	1.87		1.87
Soybeans	MO	Bojay (Tula), HG	88.04	87.01	87.26		87.44	2.39	2.37	2.37		2.38
	NE	Guadalajara, JA	94.87	93.01	93.28		93.72	2.58	2.53	2.54		2.55
	IA	Penjamo (Celaya), GJ	97.15	96.25	96.71		96.70	2.64	2.62	2.63		2.63
	KS	Torreon, CU	76.05	74.93	75.10		75.36	2.07	2.04	2.04		2.05
Sorghum	TX	Guadalajara, JA	76.12	74.67	74.36		75.05	1.93	1.89	1.89		1.90
	NE	Penjamo, GJ	78.68	77.00	77.47		77.72	2.00	1.95	1.97		1.97
	KS	Queretaro, QA	72.08	73.84	76.98		74.30	1.83	1.87	1.95		1.89
	NE	Salinas Victoria, NL	59.31	60.26	61.45		60.34	1.51	1.53	1.56		1.53
	NE	Torreon, CU	69.73	69.02	69.57		69.38	1.77	1.75	1.77		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. The cost of obtaining empty grain cars in the Secondary Grain Car markets, which in times of high demand may exceed the tariff rate plus fuel surcharge, is not included.

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	381	1,285
2014	356	420	366	435	1,577
2015	497	276	413		1,186

*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



Quarterly Bulk Grain and Soybeans

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	16.32	17.41
35-40,000	17.53	15.48	13.56	13.96	15.13
Vessel capacity (metric ton)	1st qtr 2015	2nd qtr 2015	3rd qtr 2015	4th qtr 2015	Average
25,000	13.67	14.23	14.59		14.16
35-40,000	11.63	11.89	12.85		12.12

Source: O'Neil Commodity Consulting



Table 6. U.S. livestock exports to Mexico by border crossing* (head) July-September 2015

Border Crossing	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	0	0	0
Breeding males	41	31	172	244
Breeding females	113	0	201	314
Total beef	154	31	373	558
Hogs				
Slaughter	0	0	0	0
Breeding males	0	119	790	909
Breeding females	0	0	4,384	4,384
Total hogs	0	119	5,174	5,293
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	1,355	1,355
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	1,355	1,355
Dairy cattle				
Breeding males	0	0	9	9
Breeding females	537	40	1,671	2,248
Total dairy	537	40	1,680	2,257
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	2,820	0	17,978	20,798
Breeding males	189	65	324	578
Breeding females	227	82	538	847
Geldings	67	21	196	284
Burro/mule/pony	0	0	273	273
Total horses	3,303	168	19,309	22,780
Exotics**	0	0	189	189
Grand total	3,994	358	27,970	32,322

*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	2.31	2.30
Pharr, Texas	2.32	2.53	2.12	2.13	2.28
Origin/border crossing	1st qtr 2015	2nd qtr 2015	3rd qtr 2015	4th qtr 2015	Average
Nogales, Arizona	2.41	2.49	2.71		2.54
Pharr, Texas	2.26	2.23	2.50		2.33

*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, 2015

Legend:		Truck availability														
1 = Surplus		2 = Slight Surplus														
3 = Adequate		4 = Slight Shortage														
5 = Shortage																
Mexico border crossings/month		July				August				September						
Week		7/7	7/14	7/21	7/28	8/4	8/11	8/18	8/25	9/1	9/8	9/15	9/22	9/29		
Mexico Crossings Through Nogales, AZ	Mangoes, Melons, Grapes and Mixed Vegetables	3	3	3	3	2	2									
Mexico Crossings Through TX	Carrots, Citrus, Mixed Fruit and Veg, Tomatoes, Watermelon	3	3	2	2	2	2	1	1	1	1	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 by truck to the U.S. from Mexico (10,000 lbs)

Commodity	3rd qtr 2015	Rank
Avocados	39,582	1
Limes	26,762	2
Peppers, Other	22,804	3
Tomatoes, Plum Type	19,389	4
Tomatoes	19,347	5
Mangoes	14,376	6
Cucumbers	14,335	7
Misc Tropical	13,395	8
Broccoli	7,843	9
Papaya	7,691	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
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 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
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	77,596	40,598	56,783	277,152
Peppers (all varieties)	62,356	33,083	27,349	48,167	170,955
Cucumbers	47,565	30,978	12,150	35,905	126,598
Avocados	37,085	26,363	26,044	39,140	128,632
Squash	29,622	16,334	3,814	22,495	72,265
Subtotal	278,803	184,354	109,955	202,490	775,602
Other	214,020	306,544	126,219	160,627	807,410
Total	492,823	490,898	236,174	363,117	1,583,012
Commodity	1st qtr 2015	2nd qtr 2015	3rd qtr 2015	4th qtr 2015	Total 2015
Tomatoes (all varieties)	99,053	73,537	42,002		214,592
Peppers (all varieties)	61,334	34,579	28,060		123,973
Cucumbers	50,114	34,601	14,335		99,050
Avocados	44,510	37,667	39,582		121,759
Squash	29,026	18,088	3,527		50,641
Subtotal	284,037	198,472	127,506		610,015
Other	225,053	334,134	130,249		689,436
Total	509,090	532,606	257,755		1,299,451

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 \(\\$/mt\) to Veracruz, Mexico](#)
- ◆ [Figure 2: Land route shipment costs \(\\$/mt\) to Guadalajara, Mexico](#)
- ◆ [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 \(US\\$/car\), 2015](#)
- ◆ [Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2015](#)
- ◆ [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 2015](#)
- ◆ [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, 2015](#)
- ◆ [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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