



Mexico Transport Cost Indicator Report

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Landed Costs Mixed As Mexico Imported More Grains During Second Quarter.

Transportation and landed costs of U.S. grains shipped to Mexico were mixed during the second quarter of 2017, but Mexico still imported more corn, soybeans, and wheat compared to the same period a year earlier. Both transportation and landed costs for seaborne corn and soybeans decreased during the quarter, while the landed cost for wheat increased, compared to the previous quarter ([see September 7 Grain Transportation Report](#)). The transportation costs for corn and soybeans transported by land route remained relatively stable. While the landed cost for soybeans declined, the transportation and landed costs for wheat transported by land route increased, compared to the previous quarter.

Barge and ocean rates declined during the quarter, pushing down the transportation costs for seaborne corn and soybeans. The increase in the truck rates was more than offset by the decreases in the ocean rates, causing the transportation cost for seaborne wheat to drop from the previous quarter. However, an increase in the farm values pushed up the landed costs for wheat. Transportation costs for corn and soybeans transported through the land route remained relatively unchanged during the quarter, but a drop in soybean farm values caused its landed cost to decline by 5 percent. The transportation costs for corn, soybeans, and wheat increased from year to year for both water and land routes, but lower farm values pushed down the year-to-year landed costs. Landed costs for the water route ranged from \$178 to \$386 per metric ton (mt) (see table 1 and figure 1) and \$215 to \$423 per mt for the land route (see table 1 and figure 2). The transportation share of the landed cost for the water route ranged from 10 to 30 percent for the water route and 23 to 41 percent for the land route (see table 1).

Market Analysis and Outlook: Despite the mixed transportation and landed costs, Mexico bought more grains from the United States during the second quarter, compared to the same period a year ago. Mexico imported 3.99 million metric ton (mmt) of corn, 0.92 mmt of soybeans, and 1.12 mmt of wheat—2, 7, and 84 percent more, respectively, than the same period a year ago. The value of the corn imports was \$724 million, soybeans—\$381 million, and wheat imports were valued at \$268 million. According to the USDA Foreign Agricultural Service, the Mexico total corn import estimate for the marketing year (MY) 2016/17 is 14.0 mmt ([USDA, FAS Gain Report #: MX7024](#)). This is slightly down from the previous estimate due expected increased domestic corn production after very favorable weather conditions during the critical phases of the crop cycle. The MY 2017/18 corn imports are estimated at 15.5 mmt. In addition, total oilseed imports forecast for MY 2017/18 is approximately 6.2 mmt, a 4.3 percent increase compared to MY 2016/17 ([USDA, FAS Gain Report #: MX7011](#)). Increased demand by the livestock sector, population growth, and anticipated lower domestic oilseed production drove the increase in the oilseed imports forecast. Due to its close proximity, the United States will likely continue to be the major supplier of oilseeds, especially soybeans to Mexico.

Ocean Freight Rates: Ocean freight rates for shipping bulk grains to Mexico decreased during the second quarter compared to the previous quarter, but increased over the same period a year ago, and were also less than the 4-year averages. The cost of shipping a metric ton of grain from the U.S. Gulf to Veracruz, Mexico, in a 25,000 ton-capacity vessel averaged \$14.85 per mt during the quarter—7 percent less than the previous quarter, 10 percent more than the same period last year, but 8 percent below the 4-year average. The cost of shipping in a 35-40,000 ton-capacity vessel averaged \$12.95 per mt—9 percent less than the previous quarter, 11 percent more than the same period last year, but 8 percent below the 4-year average. Although ocean freight rates to Mexico were higher than last year, the rates were still lower than the 4-year averages as excess vessel supply persists in the market.



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

-----2017-----										
	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	11.14	12.30			11.72	3.99	4.30			4.15
Rail ¹						85.83	85.85			85.84
Barge	15.81	13.76			14.79					
Ocean ²	14.27	12.95			13.61					
Total transportation cost	41.22	39.01			40.12	89.82	90.15			89.99
Farm price ³	138.71	138.84			138.78	133.33	132.28			132.81
Landed cost ⁴	179.93	177.85			178.89	223.15	222.43			222.79
Transport % of landed cost	22.9	21.9			22.4	40.3	40.5			40.4
Soybeans										
Origin	IL					NE				
Truck	11.14	12.30			11.72	3.99	4.30			4.15
Rail ¹						93.68	93.71			93.70
Barge	15.81	13.76			14.79					
Ocean ²	14.27	12.95			13.61					
Total transportation cost	41.22	39.01			40.12	97.67	98.01			97.84
Farm price	367.31	347.11			357.21	346.74	325.06			335.90
Landed cost	408.53	386.12			397.33	444.41	423.07			433.74
Transport % of landed cost	10.1	10.1			10.1	22.0	23.2			22.6
Wheat										
Origin	KS					KS				
Truck	3.99	4.30			4.15	3.99	4.30			4.15
Rail ¹	40.59	40.76			40.68	76.06	76.47			76.27
Ocean ²	14.27	12.95			13.61					
Total transportation cost	58.85	58.01			58.43	80.05	80.77			80.41
Farm price	125.54	134.36			129.95	125.54	134.36			129.95
Landed cost	184.39	192.37			188.38	205.59	215.13			210.36
Transport % of landed cost	31.9	30.2			31.0	38.9	37.5			38.2

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, but do not include the cost of purchasing empty rail cars in the secondary market, which could exceed the rail tariff rate plus the fuel surcharge shown in the table.

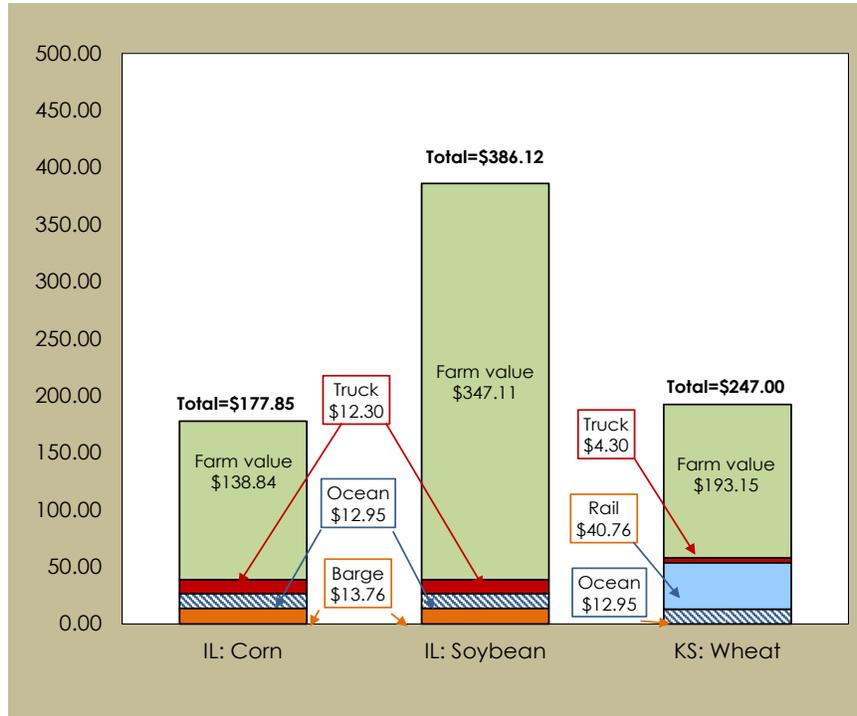
²Source: O'Neil Commodity Consulting, Inc.

³Source: USDA/NASS

⁴Landed cost is total transportation cost plus the farm price

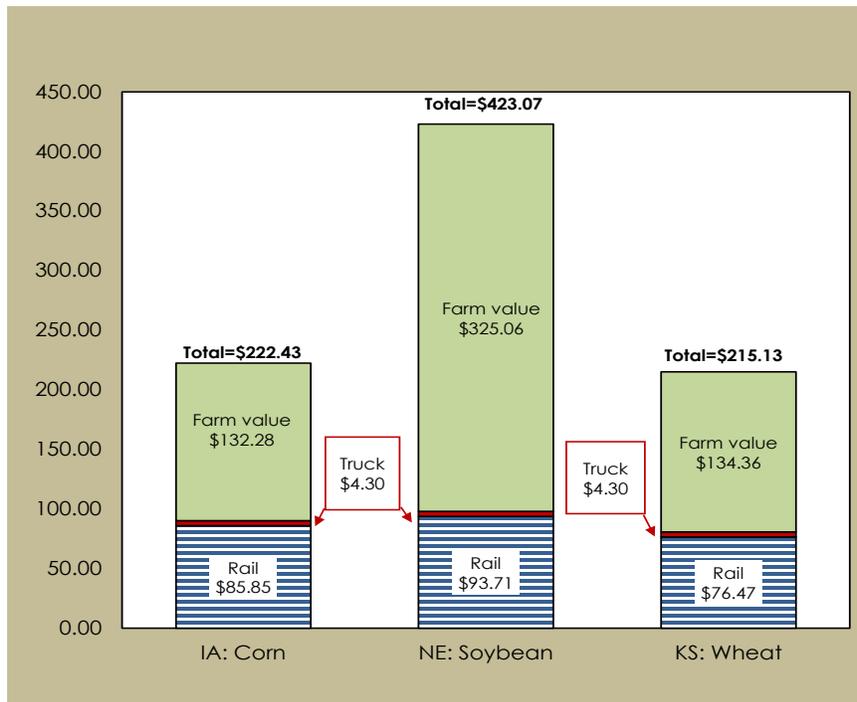


Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA Agricultural Marketing Service

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



Source: USDA Agricultural Marketing Service



Railroad: During the second quarter of 2017, railroads transported 38,623 carloads of grain and oilseeds to Mexico, up 29 percent from the previous quarter, up 10 percent from the second quarter of 2016, and up 20 percent from the prior-3-year average for the second quarter. Tariff rail rates per grain car averaged \$7,332, unchanged from the first quarter of 2017 and the second quarter of 2016, but up 3 percent from the prior-3-year average. Fuel surcharges per railcar averaged \$109, up 5 percent from the previous quarter and 515 percent from the second quarter 2016, but down 65 percent from the prior-3-year average. Overall, rail transportation costs (tariff rates plus fuel surcharges) were unchanged from the previous quarter, up 1 percent from second quarter 2016, and unchanged from the prior-3-year average.

Fruit and Vegetables

Total reported shipments of fruits and vegetables from Mexico during the second quarter 2017 were 2.5 million tons, a 9 percent decrease from the same quarter last year. The sum of the top five commodities decreased 7 percent from last year. Tomatoes shipments were down 12 percent and avocados shipments were down 14 percent from last year. Plum type tomatoes shipments were down 14 percent compared to the same quarter last year.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.21 per mile, 13 percent higher than last quarter, but 5 percent lower than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$2.32 per mile, up 2 percent from last quarter and the same quarter last year.

Diesel fuel prices for border crossings through Texas averaged \$2.40 per gallon, 1 percent lower than the previous quarter, but 11 percent higher than the same quarter last year. Diesel fuel prices for border crossings through Arizona averaged \$2.73 per gallon, 1 percent lower than the previous quarter, but 13 percent higher than the same period last year. Truck availability was either "a slight shortage" or "adequate" for Nogales and at the Texas border until mid-May. The availability showed a shortage at the end of May and early June for Texas and a "slight shortage" in Nogales.

Livestock

The United States exported 31,687 head of livestock to Mexico during the second quarter, an increase of 14 percent from the previous quarter (27,256). Horses remain the largest livestock export to Mexico with 16,796 animals crossing the border (53 percent), followed by hogs (25 percent), and sheep (15 percent). The majority of them crossed through El Paso and Presidio, TX.



Figure 3. Livestock Border Crossing to Mexico during the 2nd quarter 2017



Quarterly Bulk Grain and Soybeans



Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2017

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	7,459	7,459			7,459	0	0			0
	OK	Cuautitlan, EM	6,638	6,636			6,637	60	70			65
	KS	Guadalajara, JA	7,180	7,223			7,201	265	262			263
	TX	Salinas Victoria, NL	4,258	4,269			4,263	36	42			39
Corn	IA	Guadalajara, JA	8,187	8,187			8,187	213	215			214
	SD	Celaya, GJ	7,580	7,580			7,580	0	0			0
	NE	Queretaro, QA	7,909	7,909			7,909	123	141			132
	SD	Salinas Victoria, NL	6,635	6,635			6,635	0	0			0
	MO	Tlalnepantla, EM	7,276	7,268			7,272	120	137			129
	SD	Torreon, CU	7,180	7,180			7,180	0	0			0
Soybeans	MO	Bojay (Tula), HG	8,647	8,647			8,647	225	226			226
	NE	Guadalajara, JA	8,942	8,942			8,942	227	230			228
	IA	El Castillo, JA	8,960	8,960			8,960	0	0			0
	KS	Torreon, CU	7,489	7,489			7,489	150	154			152
Sorghum	NE	Celaya, GJ	7,164	7,164			7,164	189	193			191
	KS	Queretaro, QA	7,608	7,608			7,608	75	87			81
	NE	Salinas Victoria, NL	6,213	6,213			6,213	61	70			65
	NE	Torreon, CU	6,607	6,607			6,607	136	141			138

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, 2017

			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	76.21	76.21			76.21	2.07	2.07			2.07
	OK	Cuautitlan, EM	68.44	68.51			68.48	1.86	1.86			1.86
	KS	Guadalajara, JA	76.06	76.47			76.27	2.07	2.08			2.07
	TX	Salinas Victoria, NL	43.88	44.05			43.96	1.19	1.20			1.20
Corn	IA	Guadalajara, JA	85.83	85.85			85.84	2.18	2.18			2.18
	SD	Celaya, GJ	77.45	77.45			77.45	1.97	1.97			1.97
	NE	Queretaro, QA	82.07	82.25			82.16	2.08	2.09			2.08
	SD	Salinas Victoria, NL	67.79	67.79			67.79	1.72	1.72			1.72
	MO	Tlalnepantla, EM	75.57	75.66			75.62	1.92	1.92			1.92
	SD	Torreon, CU	73.36	73.36			73.36	1.86	1.86			1.86
Soybeans	MO	Bojay (Tula), HG	90.65	90.66			90.65	2.46	2.46			2.46
	NE	Guadalajara, JA	93.68	93.71			93.70	2.55	2.55			2.55
	IA	El Castillo, JA	91.55	91.55			91.55	2.49	2.49			2.49
	KS	Torreon, CU	78.05	78.09			78.07	2.12	2.12			2.12
Sorghum	NE	Celaya, GJ	75.12	75.16			75.14	1.91	1.91			1.91
	KS	Queretaro, QA	78.50	78.62			78.56	1.99	2.00			1.99
	NE	Salinas Victoria, NL	64.10	64.19			64.14	1.63	1.63			1.63
	NE	Torreon, CU	68.89	68.95			68.92	1.75	1.75			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. 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	463	1,649
2016	483	467	470	490	1,910
2017	604	457			

*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	13.95	14.11
35-40,000	11.63	11.89	12.85	12.12	12.12
Vessel capacity (metric ton)	1st qtr 2016	2nd qtr 2016	3rd qtr 2016	4th qtr 2016	Average
25,000	12.34	13.47	15.00	14.85	13.92
35-40,000	10.44	11.65	13.20	13.26	12.14
Vessel capacity (metric ton)	1st qtr 2017	2nd qtr 2017	3rd qtr 2017	4th qtr 2017	Average
25,000	16.03	14.85			15.44
35-40,000	14.27	12.95			13.61

Source: O'Neil Commodity Consulting

Livestock



**Table 6. U.S. livestock exports to Mexico by border crossing* (head)
April - June 2017**

Border Crossing	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	91	0	91
Breeding males	71	192	173	436
Breeding females	33	30	182	245
Total beef	104	313	355	772
Hogs				
Slaughter	0	0	0	0
Breeding males	0	276	605	881
Breeding females	0	3,560	3,533	7,093
Total hogs	0	3,836	4,138	7,974
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	1,340	1,340
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	1,340	1,340
Dairy cattle				
Breeding males	0	0	3	3
Breeding females	2,170	0	2,495	4,665
Total dairy	2,170	0	2,498	4,668
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	2,364	0	12,728	15,092
Breeding males	241	112	161	514
Breeding females	283	106	369	758
Geldings	97	23	150	270
Burro/mule/pony	0	2	160	162
Total horses	2,985	243	13,568	16,796
Exotics**	0	0	197	197
Grand total	5,259	4,392	22,036	31,687

*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

Fruit and Vegetables



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 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	2.51	2.53
Pharr, Texas	2.26	2.23	2.50	2.27	2.32
Origin/border crossing	1st qtr 2016	2nd qtr 2016	3rd qtr 2016	4th qtr 2016	Average
Nogales, Arizona	2.31	2.43	2.53	2.65	2.48
Pharr, Texas	2.98	2.17	2.24	2.34	2.43
Origin/border crossing	1st qtr 2017	2nd qtr 2017	3rd qtr 2017	4th qtr 2017	Average
Nogales, Arizona	2.05	2.32			2.19
Pharr, Texas	2.16	2.21			2.18

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

Fruit and Vegetables



Table 8. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2017

Legend:		Truck availability												
														1 = Surplus
Mexico border crossings/month		April					May				June			
Week		4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30	6/6	6/13	6/20	6/27
Through Nogales, AZ	Tomatoes, Mixed Vegetables, Melons, Mangoes	3	4	3	3	4	4	3	4	4	4	4	3	3
Through TX	Broccoli, Carrots, Tomatoes, Lemons, Limes, Mixed Fruits, Vegetables, Mangoes	3	3	3	3	3	4	4	5	4	5	4	3	-

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	2nd qtr 2017	Rank
Avocados	36,433	1
Limes	28,422	2
Mangoes	21,234	3
Tomatoes	19,797	4
Tomatoes, Plum Type	12,429	5
Broccoli	12,016	6
Cucumbers	10,147	7
Onions Dry	9,924	8
Misc Tropical	8,007	9
Peppers, Other	6,905	10

Source: USDA, AMS, Market News

Fruit and Vegetables



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

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
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

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-

Fruit and Vegetables



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

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	61,571	276,163
Peppers (all varieties)	61,334	34,579	28,060	46,690	170,663
Cucumbers	50,114	34,601	14,335	35,947	134,997
Avocados	44,510	37,667	39,582	49,063	170,822
Squash	29,026	18,088	3,527	23,863	74,504
Subtotal	284,037	198,472	127,506	217,134	827,149
Other	225,053	334,134	130,249	179,649	869,085
Total	509,090	532,606	257,755	396,783	1,696,234
Commodity	1st qtr 2016	2nd qtr 2016	3rd qtr 2016	4th qtr 2016	Total 2016
Tomatoes (all varieties)	122,571	105,099	49,289	66,534	343,493
Peppers (all varieties)	57,984	46,626	33,631	65,270	203,511
Cucumbers	45,829	37,791	14,670	39,803	138,093
Avocados	57,605	40,197	34,993	40,457	173,252
Squash	31,051	26,672	5,322	30,711	93,756
Subtotal	315,040	256,385	137,905	242,775	952,105
Other	242,834	350,555	162,307	204,561	960,257
Total	557,874	606,940	300,212	447,336	1,912,362
Commodity	1st qtr 2017	2nd qtr 2017	3rd qtr 2017	4th qtr 2017	Total 2017
Tomatoes (all varieties)	107,194	82,449			189,643
Peppers (all varieties)	67,337	38,757			106,094
Cucumbers	47,202	32,892			80,094
Avocados	49,557	36,996			86,553
Squash	31,937	20,737			52,674
Subtotal	303,227	211,831			515,058
Other	289,814	339,353			629,167
Total	593,041	551,184			1,144,225

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 \(US\\$/car\), 2017](#)
- ◆ [Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2017](#)
- ◆ [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 \(head\) January-March 2017](#)
- ◆ [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, 1st quarter, 2017](#)
- ◆ [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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