



Mexico Transport Cost Indicator Report



a quarterly publication of the Agricultural Marketing Service
www.ams.usda.gov/services/transportation-analysis

Second Quarter 2019 (April, May, June)
Published November 14, 2019

CONTENTS

Summary: What Happened?	1
Quarterly Bulk Grain and Soybeans	5
Fruit and Vegetable	9
Subscription Information	13
Data Sets	13

CONTACT INFORMATION

[Surajudeen Olowolayemo](#),
Coordinator/Ocean Bulk
Shipments/Livestock Analyst

[Jesse Gastelle](#), Rail/Fruit and
Vegetables Analyst

[April Taylor](#), Container Shipments/
Fruit and Vegetables Analyst

SUMMARY: WHAT HAPPENED?

Transportation Costs to Mexico Remained Relatively Stable, but Landed Costs Were Mixed

Transportation Costs: Compared to the previous quarter, the transportation costs of shipping bulk grains (corn, soybeans, and wheat) to Mexico remained relatively stable during the second quarter of 2019. The transportation costs of shipping grains to Mexico, through both water and land routes, fluctuated within a 1-percent range. While the costs of shipping seaborne corn and soybeans fell 1 percent, the costs of shipping seaborne wheat and all grains by the land route rose 1 percent (see August 15, 2019 [Grain Transportation Report \(GTR\)](#)). All told, the changes in landed costs were mixed, as costs for corn increased while those for soybeans and wheat decreased. Along the water route, barge rates fell by 11 percent because of reduced demand from persistent flooding and navigation disruptions during the second quarter (see [April 4, 2019](#) and [June 27, 2019 GTR](#)). From the first to the second quarter, truck rates for waterborne corn and soybeans increased 25 percent while remaining relatively unchanged for seaborne wheat and grains transported through the land route. Rail tariff rates also remained relatively stable during the second quarter. Despite significant effort and considerable progress in restoring services, railroads were affected by inclement weather and flood conditions during the second quarter ([June 27, 2019 GTR](#)).

As an increase in the farm value of corn from the first to the second quarter pushed up landed costs for corn, the farm value for soybeans and wheat decreased, resulting in lower landed costs for these commodities in the second quarter. Year-to-year landed costs were down for all grains shipped through the water route, as well as for soybeans and wheat transported through the land route. However, the landed cost for corn transported through the land route increased from last year. The landed costs for the water route ranged from \$193 to \$356 per metric ton (mt) (see table 1 and figure 1), and \$241 to \$391 per mt (see table 1 and figure 2) for the land route. The transportation share of the landed costs fell for corn, did not change for soybeans, and increased for wheat. The transportation share



Mexico Transport Cost Indicator Report

of the landed costs ranged from 13 to 27 percent for the water route and 25 to 40 percent for the land route (see table 1). change for soybeans, and increased for wheat. The transportation share of the landed costs ranged from 13 to 27 percent for the water route and 25 to 40 percent for the land route (see table 1).

More corn and wheat, but less soybeans, were inspected for export to Mexico during the second quarter of 2019 than in the previous quarter ([USDA's grain inspection data](#)). However, less corn and soybeans were inspected for export to Mexico than in the same period last year. During the second quarter of 2019, 3.39 million metric tons (mmt) of corn, .87 mmt of wheat, and 1.03 mmt of soybeans were inspected for export to Mexico. In contrast, inspections of corn, wheat, and soybeans for export to Mexico were 3.06 mmt, .70 mmt, and 1.13 mmt, respectively, during the first quarter of 2019. During the second quarter of 2019, total inspections of corn and wheat for export to Mexico were higher than in the first quarter by 11 and 24 percent, respectively. However, soybeans inspected for export to Mexico were lower by 8 percent than in the first quarter. In the second quarter of 2019, there was 51 percent more wheat, 14 percent less corn, and 12 percent less soybeans inspected for export to Mexico than in the second quarter of 2018. Lower transportation costs helped boost the competitiveness of U.S. grain exports to Mexico.

Ocean Freight Rates: Compared to the previous quarter, ocean freight rates for shipping bulk grains to Mexico were relatively stable during the first quarter. However, the rates were above the 4-year average. During the quarter, the cost of shipping a metric ton of grain, via 25,000 ton-capacity vessel, from the U.S. Gulf to Veracruz, Mexico, averaged \$16.65 per mt. This is just about 2 percent higher than the previous quarter, 3 percent more than the same period last year, and 13 percent more than the 4-year average. The cost of shipping in a 35,000-40,000 ton-capacity vessel averaged \$14.01 per mt. This represents about a 1-percent increase over the previous quarter, unchanged from the same quarter last year, and is 11 percent above the 4-year average. Although strong movements of coal and iron ore slightly pushed up the rates for shipping bulk commodities, including grain in the second quarter, ocean freight rates were moderated by the excess vessel supply in the market (see July 25, 2019 [GTR](#)).

Railroad: During the second quarter of 2019, railroads transported 31,844 carloads of grain and oilseeds to Mexico, unchanged from the previous quarter and down 25 percent from the second quarter of 2018. Tariff rail rates per grain car averaged \$7,534, unchanged from the first quarter of 2019 and up 2 percent from the second quarter of 2018 and from the prior-3-year average. Fuel surcharges per railcar averaged \$210, up 5 percent from the previous quarter, up 27 percent from the second quarter 2018, and up 116 percent from the prior-3-year average. Overall, rail transportation costs (tariff rates plus fuel surcharges) were unchanged from the previous quarter, up 3 percent from second quarter 2018, and up 4 percent from the prior 3-year average.

Fruit and Vegetables

During the second quarter of 2019, total reported shipments of fruits and vegetables from Mexico were 3.05 million tons, a 7-percent increase from the same quarter last year. The sum of the top five commodities increased nearly 60,000 tons, or 5 percent. Seedless watermelons had the largest shipments to the United States, with 366,000 tons, a 15-percent increase from last year.

Truck rates for shipping distances between 501 and 1,500 miles—through the Texas border crossings—averaged \$2.28 per mile, which is 7 percent lower than last quarter and 27 percent lower than the same quarter last year. Rates for distances between 501 and 1,500 miles—through the Arizona border crossings—averaged \$2.70 per mile, which is up 7 percent from last quarter, but 16 percent lower than the same quarter last year.

Diesel fuel prices for border crossings through Texas averaged \$2.88 per gallon. Diesel fuel prices for border crossings through Arizona averaged \$3.28 per gallon. Truck availability through both Arizona and Texas crossings in April and May were reported as surplus to adequate. Shippers reported shortage conditions in early June but ended the month adequate through Texas crossings and slight surplus through Arizona.



Mexico Transport Cost Indicator Report

Table 1. Quarterly costs of transporting U.S. grain and soybeans to Mexico, 2019

	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	8.78	10.98			9.88	4.37	4.38			4.38
Rail ¹						91.00	91.96			91.48
Barge	24.50	21.74			23.12					
Ocean ²	13.89	14.01			13.95					
Total transportation cost	47.17	46.73			46.95	95.37	96.34			95.86
Farm price ³	141.20	145.79			143.50	139.49	145.01			142.25
Landed cost ⁴	188.37	192.52			190.45	234.86	241.35			238.11
Transport % of landed cost	25.0	24.3			24.7	40.6	39.9			40.3
Soybeans										
Origin	IL					NE				
Truck	8.78	10.98			9.88	4.37	4.38			4.38
Rail ¹						94.21	95.11			94.66
Barge	24.50	21.74			23.12					
Ocean ²	13.89	14.01			13.95					
Total transportation cost	47.17	46.73			46.95	98.58	99.49			99.04
Farm price ³	321.87	308.77			315.32	302.89	291.26			297.08
Landed cost ⁴	369.04	355.50			362.27	401.47	390.75			396.11
Transport % of landed cost	12.8	13.1			13.0	24.6	25.5			25.0
Wheat										
Origin	KS					KS				
Truck	4.37	4.38			4.38	4.37	4.38			4.38
Rail ¹	42.66	42.88			42.77	79.65	80.31			79.98
Ocean ²	13.89	14.01			13.95					
Total transportation cost	60.92	61.27			61.10	84.02	84.69			84.36
Farm price ³	181.39	167.67			174.53	181.39	167.67			174.53
Landed cost ⁴	242.31	228.94			235.63	265.41	252.36			258.89
Transport % of landed cost	25.1	26.8			26.0	31.7	33.6			32.6

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, 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.

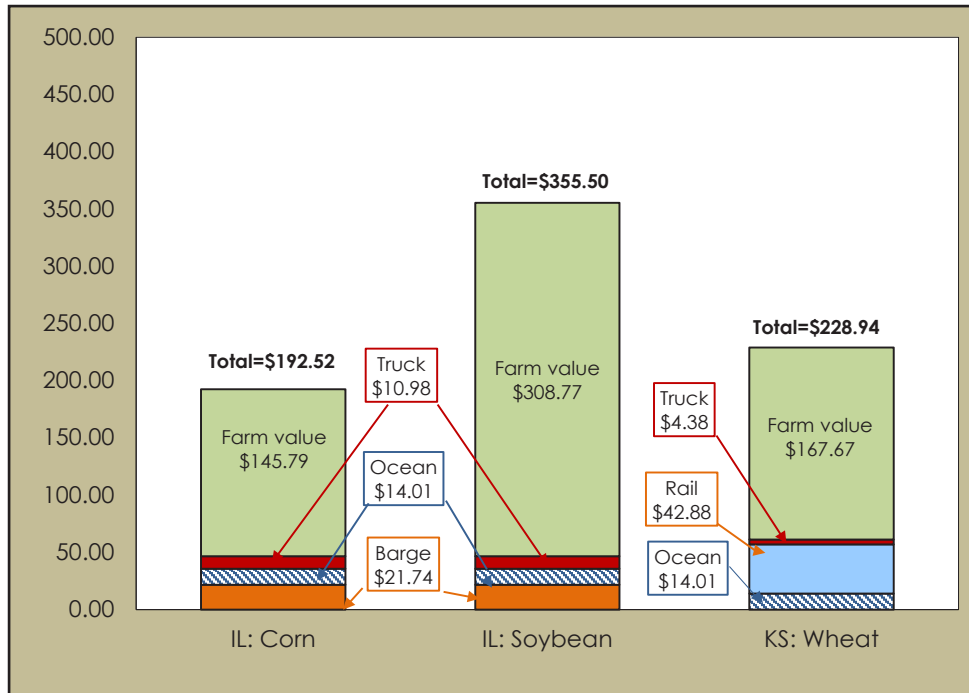
³Source: USDA/NASS

⁴Landed cost is total transportation cost plus the farm price.



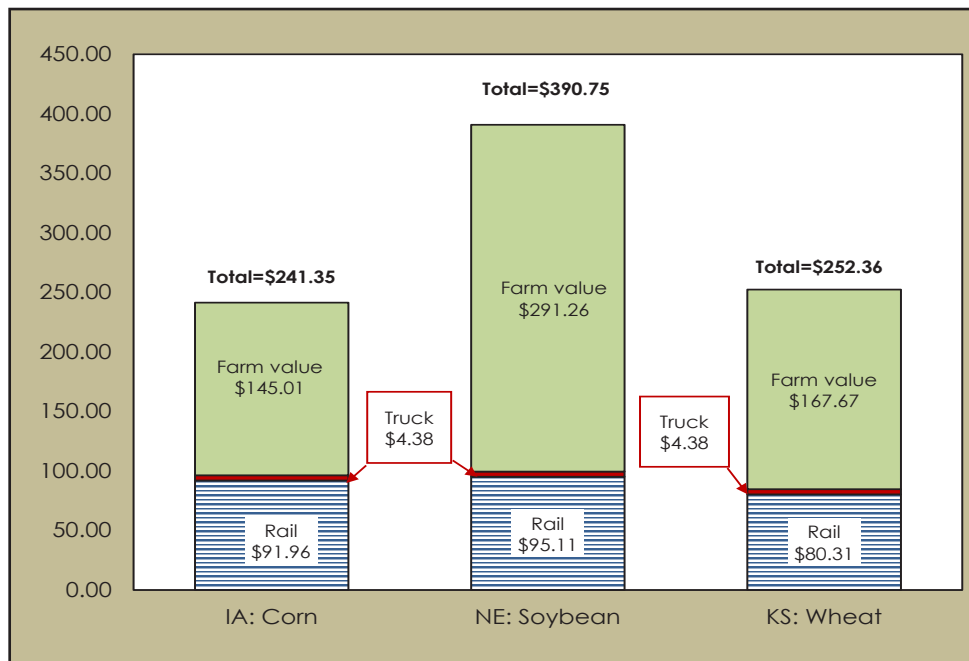
Mexico Transport Cost Indicator Report

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



Mexico Transport Cost Indicator Report

QUARTERLY BULK GRAIN AND SOYBEANS

Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2019

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	7,284	7,284			7,284	0	0			0
	OK	Cuautitlan, EM	6,743	6,710			6,726	149	137			143
	KS	Guadalajara, JA	7,371	7,371			7,371	424	489			457
	TX	Salinas Victoria, NL	4,329	4,329			4,329	91	84			87
Corn	IA	Guadalajara, JA	8,528	8,578			8,553	378	422			400
	SD	Celaya, GJ	7,880	7,880			7,880	0	0			0
	NE	Queretaro, QA	8,207	8,207			8,207	311	287			299
	SD	Salinas Victoria, NL	6,905	6,905			6,905	0	0			0
	MO	Tlalnepantla, EM	7,573	7,573			7,573	303	279			291
	SD	Torreon, CU	7,480	7,480			7,480	0	0			0
Soybeans	MO	Bojay (Tula), HG	8,284	8,355			8,319	350	395			373
	NE	Guadalajara, JA	8,842	8,888			8,865	379	420			400
	IA	El Castillo, JA	9,110	9,110			9,110	0	0			0
	KS	Torreon, CU	7,714	7,747			7,730	277	299			288
Sorghum	NE	Celaya, GJ	7,527	7,570			7,549	346	380			363
	KS	Queretaro, QA	8,000	8,000			8,000	186	171			178
	NE	Salinas Victoria, NL	6,633	6,633			6,633	149	137			143
	NE	Torreon, CU	6,962	6,997			6,980	262	279			270

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



Mexico Transport Cost Indicator Report

Table 3. Quarterly tariff rail rates plus fuel surcharges for U.S. bulk grain shipments to Mexico, 2019

			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	74.43	74.43			74.43	2.02	2.02			2.02
	OK	Cuautitlan, EM	70.42	69.96			70.19	1.91	1.90			1.91
	KS	Guadalajara, JA	79.65	80.31			79.98	2.17	2.18			2.17
	TX	Salinas Victoria, NL	45.16	45.08			45.12	1.23	1.23			1.23
Corn	IA	Guadalajara, JA	91.00	91.96			91.48	2.31	2.33			2.32
	SD	Celaya, GJ	80.51	80.51			80.51	2.04	2.04			2.04
	NE	Queretaro, QA	87.03	86.78			86.90	2.21	2.20			2.21
	SD	Salinas Victoria, NL	70.55	70.55			70.55	1.79	1.79			1.79
	MO	Tlalnepantla, EM	80.48	80.23			80.35	2.04	2.04			2.04
	SD	Torreon, CU	76.43	76.43			76.43	1.94	1.94			1.94
Soybeans	MO	Bojay (Tula), HG	88.22	89.40			88.81	2.40	2.43			2.41
	NE	Guadalajara, JA	94.21	95.11			94.66	2.56	2.59			2.57
	IA	El Castillo, JA	93.08	93.08			93.08	2.53	2.53			2.53
	KS	Torreon, CU	81.64	82.21			81.92	2.22	2.24			2.23
Sorghum	NE	Celaya, GJ	80.44	81.24			80.84	2.04	2.06			2.05
	KS	Queretaro, QA	83.64	83.49			83.56	2.12	2.12			2.12
	NE	Salinas Victoria, NL	69.29	69.17			69.23	1.76	1.76			1.76
	NE	Torreon, CU	73.81	74.34			74.08	1.87	1.89			1.88

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



Mexico Transport Cost Indicator Report

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	475	551	551	2,181
2018	516	516	514	467	2,013
2019	410	574			984

*Data are for brewers' and distillers' dregs and waste, of which Distillers' Dried Grains with Soluble is a principal component.

Source: USDA, Economic Research Service (ERS), Feed grains database



Mexico Transport Cost Indicator Report

Table 5. Quarterly ocean freight rate for bulk grain shipments from the U.S. Gulf to Veracruz, Mexico

US\$/metric ton					
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	15.16	16.69	15.68
35-40,000	14.27	12.95	12.98	14.26	13.62
Vessel capacity (metric ton)	1st qtr 2018	2nd qtr 2018	3rd qtr 2018	4th qtr 2018	Average
25,000	16.11	16.20	16.68	17.94	16.73
35-40,000	13.97	14.07	14.68	15.63	14.59
Vessel capacity (metric ton)	1st qtr 2019	2nd qtr 2019	3rd qtr 2019	4th qtr 2019	Average
25,000	16.37	16.65			16.51
35-40,000	13.89	14.01			13.95

Source: O'Neil Commodity Consulting



Mexico Transport Cost Indicator Report

FRUIT AND VEGETABLE

Table 6. Fruit and vegetable truck rates for shipments between 501 to 1,500 miles crossing the U.S.-Mexico border

US\$/mile					
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	2.45	2.38	2.30
Pharr, Texas	2.16	2.21	2.00	2.36	2.18
Origin/border crossing	1st qtr 2018	2nd qtr 2018	3rd qtr 2018	4th qtr 2018	Average
Nogales, Arizona	2.92	3.21	2.75	2.47	2.84
Pharr, Texas	2.95	3.13	2.27	2.34	2.67
Origin/border crossing	1st qtr 2019	2nd qtr 2019	3rd qtr 2019	4th qtr 2019	Average
Nogales, Arizona	2.52	2.7			2.61
Pharr, Texas	2.45	2.28			2.36

Source: USDA, Agricultural Marketing Service (AMS), Specialty Crops Program, Market News Division



Mexico Transport Cost Indicator Report

Table 7. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability

2nd quarter 2019														
Legend:		1 = Surplus	2 = Slight surplus	3 = Adequate	4 = Slight shortage	5 = Shortage								
Truck availability														
Mexico border crossings/month		April					May				June			
Week ending		4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Through Nogales, AZ	Tomatoes, Squash, Cucumbers, Mangoes, Honeydew, Watermelons, Mixed Fruits, Vegetables	2	2	3	3	3	3	2	3	2	4	5	3	2
Through TX	Vegetables, Limes, Mangoes, Onions, Tomatoes, Broccoli, Mixed Fruits	2	2	2	3	3	3	1	1	1	4	3	3	3

Source: USDA, Agricultural Marketing Service (AMS), Specialty Crop Program, Market News Division, Fruit and Vegetable Truck Rate Report

Table 8. Top ten commodities shipped by truck to the U.S. from Mexico, 2019 (10,000 lbs)

Commodity	2nd qtr 2019	Rank
Watermelons, Seedless	366	1
Tomatoes, Plum Type	214	2
Avocados	206	3
Grapes	199	4
Cucumbers	195	5
Mangoes	179	6
Tomatoes	164	7
Limes	163	8
Peppers, Other	135	9
Squash	127	10

Source: USDA, AMS, Specialty Crops Program, Market News Division



Mexico Transport Cost Indicator Report

Table 9. Top five commodities shipped by truck to the U.S. from Mexico (10,000 lbs)

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	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

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



Mexico Transport Cost Indicator Report

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	48,893	73,581	312,117
Peppers (all varieties)	67,337	38,757	30,928	59,131	196,153
Cucumbers	47,202	32,892	16,021	44,297	140,412
Avocados	49,557	36,996	31,683	47,011	165,247
Squash	31,937	20,737	5,099	33,126	90,899
Subtotal	303,227	211,831	132,624	257,146	904,828
Other	289,814	339,353	170,127	206,746	1,006,040
Total	593,041	551,184	302,751	463,892	1,910,868
Commodity	1st qtr 2018	2nd qtr 2018	3rd qtr 2018	4th qtr 2018	Total 2018
Tomatoes (all varieties)	105,274	80,008	49,400	62,553	297,235
Peppers (all varieties)	73,682	46,268	35,266	57,763	212,979
Cucumbers	44,297	36,450	36,046	50,126	190,506
Avocados	47,011	49,914	14,131	43,301	145,721
Squash	33,126	22,075	6,150	27,782	137,900
Subtotal	303,390	234,715	140,993	241,525	984,341
Other	304,695	335,630	156,881	205,849	939,337
Total	608,085	570,345	297,874	447,374	1,923,678
Commodity	1st qtr 2019	2nd qtr 2019	3rd qtr 2019	4th qtr 2019	Total 2019
Tomatoes (all varieties)	98,631	81,296			179,927
Peppers (all varieties)	68,655	50,059			118,714
Cucumbers	66,751	88,960			114,717
Avocados	50,934	41,293			10,044
Squash	36,760	39,066			90,000
Subtotal	321,731	300,674			61,1402
Other	284,125	310,400			605,528
Total	605,856	611,074			1,216,930

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



Mexico Transport Cost Indicator Report

Subscription Information:

Please sign up by entering your email address at the following link and selecting your preference to receive Transportation Research and Analysis:

https://public.govdelivery.com/accounts/USDAAMS/subscriber/new?topic_id=USDAAMS_177.

Related Websites:

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

Data Sets (all XLS files):

- [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, 2019](#)
- [Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico \(US\\$/car\), 2019](#)
- [Table 3: Quarterly tariff rail rates plus fuel surcharge for U.S. bulk grain shipments to Mexico, 2019](#)
- [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](#)
- [Table 6: Fruit and vegetable truck rates for shipments between 501 and 1,500 miles crossing the U.S.-Mexico border](#)
- [Table 7: Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability](#)
- [Table 8: Top ten commodities shipped by truck to the U.S. from Mexico, 2019 \(10,000 lbs\)](#)
- [Table 9: Top five commodities shipped by truck to the U.S. from Mexico \(10,000 lbs\)](#)

Preferred Citation:

U.S. Department of Agriculture, Agricultural Marketing Service. Mexico Transport Cost Indicator Reports. October 2019. Web. <<http://dx.doi.org/10.9752/TS054.11-2019>>

Photo Credit: USDA

USDA is an equal opportunity provider, employer, and lender.

For assistance with accessibility issues related to this document, please email sharonc.williams@usda.gov.