



Mexico Transport Cost Indicator Report



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

Third Quarter 2019 (July, August, September)
Published February 27, 2020

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SUMMARY: WHAT HAPPENED?

Grain Transportation Costs to Mexico Increased During Third Quarter 2019

Transportation costs: During third quarter 2019, increased barge, rail, and ocean rates increased the transportation costs to ship grain (corn, soybeans, and wheat) from the United States to Mexico by water and land routes (see November 21, 2019 [Grain Transportation Report \(GTR\)](#)). Quarter-to-quarter landed costs¹ of corn and soybeans shipped to Mexico likewise increased (see table 1).

Landed costs for corn and soybeans also rose as a result of higher farm values during the third quarter. In contrast, wheat landed costs fell in response to farm values, which declined from the second quarter. The landed costs for the water route ranged from \$204 to \$366 per metric ton (mt) (see table 1 and fig. 1). For the land route, landed costs ranged from \$229 to \$396 per mt (see table 1 and fig. 2). The share of landed costs comprising transportation ranged from 13 to 31 percent for the water route and 26 to 39 percent for the land route (see table 1).

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Quarter-to-quarter, waterborne transportation costs for shipping corn, soybeans, and wheat each increased 4 percent. Meanwhile, costs of transporting via land routes increased 4 percent for corn, 3 percent for soybeans, and 4 percent for wheat (see November 21, 2019 [GTR](#)). Higher barge and ocean rates elevated the transportation costs for waterborne corn and soybeans during the quarter. Better navigation conditions on the river system, which raised the demand for barge services, likewise pushed up barge rates. During the previous quarters, persistent flooding and navigation disruptions led to reduced demand for barge services as the upper section of the Mississippi River was closed for navigation. This may have increased the supply of barges on the lower section of the river, causing barge rates there to decline (see August 15, 2019 [GTR](#)). Ocean freight rates for shipping bulk commodities, including grain, increased during the quarter because of firm trade of bulk items such as coal and iron ore (see October 31, 2019 [GTR](#)).

¹ Landed cost includes the farm price of the product plus the transportation fees (both inland and ocean).



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From third quarter 2018 to third quarter 2019 (year to year), costs increased for transporting corn, soybeans, and wheat via land routes. Although year-to-year costs also rose for transporting wheat via water routes, waterborne transportation costs dropped for corn and soybeans. This decrease for corn and soybeans stemmed from lower truck and barge rates that more than offset higher ocean rates. Year-to-year landed costs increased for corn and declined for both soybeans and wheat.

Both quarter to quarter and year to year, Mexico imported more soybeans and wheat from the United States ([USDA's grain inspection data](#)). During the third quarter, 1.3 million metric tons (mmt) of soybeans and 0.94 mmt of wheat were inspected for export to Mexico. In comparison 1.03 mmt and 0.87 mmt of soybeans and wheat were exported during second quarter 2019. Third quarter 2019 numbers were also up from a year ago when 1.22 mmt of soybeans and 0.73 mmt of wheat were exported. On the other hand, both quarter to quarter and year to year, corn inspected for export declined slightly. During the third quarter, 3.12 mmt of corn were exported compared to 3.39 mmt in the previous quarter and 3.93 mmt in the previous year.

Ocean freight rates: Ocean freight rates for shipping bulk grains to Mexico increased during the first quarter, compared to the previous quarter, a year earlier, and the 4-year average. During the quarter, the cost of shipping a metric ton of grain, via 25,000-ton-capacity vessels from the U.S. Gulf to Veracruz, Mexico, averaged \$18.27 per mt. This is 10 percent more than the previous quarter, 10 percent more than the same period last year, and 19 percent more than the 4-year average. The cost of shipping via a 35,000-40,000-ton-capacity vessel averaged \$15.20 per mt. This is 11 percent more than the previous quarter, 6 percent more than the same quarter last year, and 15 percent more than the 4-year average. Strong movements of coal and iron ore pushed up the rates for shipping bulk commodities, including grain in the third quarter (see October 31, 2019 [GTR](#)).

Railroad: During the third quarter of 2019, railroads transported 40,156 carloads of grain and oilseeds to Mexico, up 4 percent from the previous quarter but down 4 percent from the third quarter of 2018. Tariff rail rates per grain car averaged \$7,653, up 2 percent from the second quarter of 2019 and up 4 percent from the third quarter of 2018 and the prior-3-year average. Fuel surcharges per railcar averaged \$243, up 16 percent from the previous quarter, up 25 percent from the third quarter 2018, and up 111 percent from the prior 3-year average. Overall, rail transportation costs (tariff rates plus fuel surcharges) were up 2 percent from the previous quarter, up 4 percent from third quarter 2018, and up 6 percent from the prior 3-year average.

Fruit and Vegetables

During the third quarter of 2019, total reported shipments of fruits and vegetables from Mexico were 1.74 million tons, an 18-percent increase from the same quarter last year. The sum of the top five commodities increased 105,000 tons, or 15 percent. Avocados had the largest shipments to the United States, with 211,000 tons, a 20-percent increase from last year.

Truck rates for shipments between 501 miles and 1,500 miles from the Arizona-border crossings averaged \$2.52 per mile, down 6 percent from last quarter and down 8 percent from the same quarter last year. Rates for shipments between 501 miles and 1,500 miles from the Texas border crossings averaged \$2.04 per mile, down 11 percent from the previous quarter and down 10 percent from the same quarter last year.

Diesel fuel prices for Texas-border crossings averaged \$2.78 per gallon. Diesel fuel prices for Arizona-border crossings averaged \$3.18 per gallon. For Arizona-border crossings, truck availability was reported adequate in July, and for Texas-border crossings, it was reported surplus in July and August, then adequate in September.



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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	9.18		9.65	4.37	4.38	4.72		4.49
Rail ¹						91.00	91.96	95.44		92.80
Barge	24.50	21.74	23.89		23.38					
Ocean ²	13.89	14.01	15.50		14.47					
Total transportation cost	47.17	46.73	48.57		47.49	95.37	96.34	100.16		97.29
Farm price ³	141.20	145.79	155.50		147.50	139.49	145.01	154.06		146.19
Landed cost ⁴	188.37	192.52	204.07		194.99	234.86	241.35	254.22		243.48
Transport % of landed cost	25.0	24.3	23.8		24.4	40.6	39.9	39.4		40.0
Soybeans										
Origin	IL					NE				
Truck	8.78	10.98	9.18		9.65	4.37	4.38	4.72		4.49
Rail ¹						94.21	95.11	97.91		95.74
Barge	24.50	21.74	23.89		23.38					
Ocean ²	13.89	14.01	15.50		14.47					
Total transportation cost	47.17	46.73	48.57		47.49	98.58	99.49	102.63		100.23
Farm price ³	321.87	308.77	317.10		315.91	302.89	291.26	293.83		295.99
Landed cost ⁴	369.04	355.50	365.67		363.40	401.47	390.75	396.46		396.23
Transport % of landed cost	12.8	13.1	13.3		13.1	24.6	25.5	25.9		25.3
Wheat										
Origin	KS					KS				
Truck	4.37	4.38	4.72		4.49	4.37	4.38	4.72		4.49
Rail ¹	42.66	42.88	43.31		42.95	79.65	80.31	83.12		81.03
Ocean ²	13.89	14.01	15.50		14.47					
Total transportation cost	60.92	61.27	63.53		61.91	84.02	84.69	87.84		85.52
Farm price ³	181.39	167.67	141.10		163.39	181.39	167.67	141.10		163.39
Landed cost ⁴	242.31	228.94	204.63		225.29	265.41	252.36	228.94		248.90
Transport % of landed cost	25.1	26.8	31.0		27.7	31.7	33.6	38.4		34.5

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.

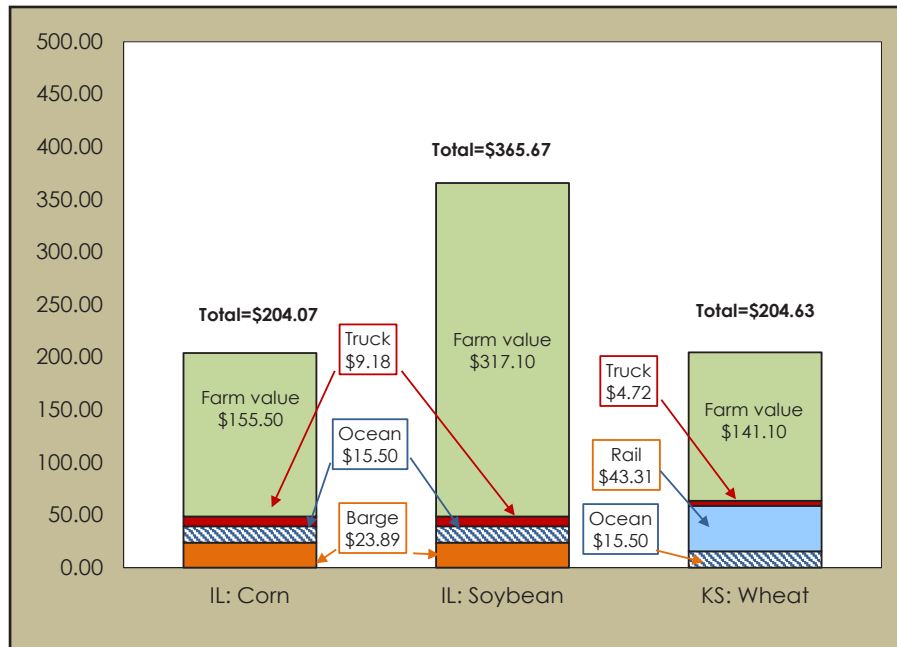
³Source: USDA/NASS

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



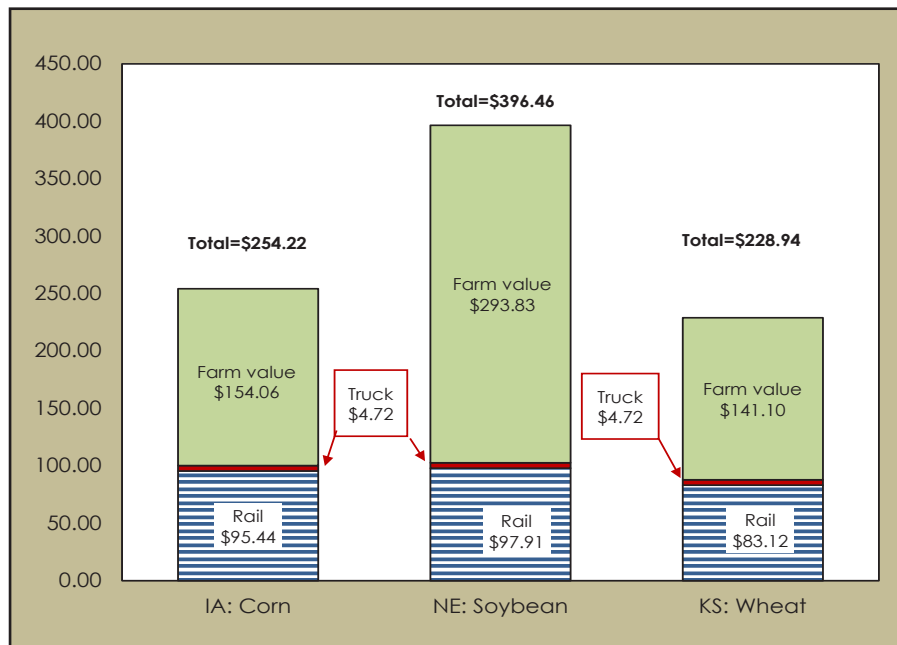
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Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA, Agricultural Marketing Service

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



Source: USDA, Agricultural Marketing Service



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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	7,434		7,334	0	0	0		0
	OK	Cuautitlan, EM	6,743	6,710	6,775		6,743	149	137	142		142
	KS	Guadalajara, JA	7,371	7,371	7,534		7,425	424	489	601		505
	TX	Salinas Victoria, NL	4,329	4,329	4,329		4,329	91	84	86		87
Corn	IA	Guadalajara, JA	8,528	8,578	8,828		8,645	378	422	512		437
	SD	Celaya, GJ	7,880	7,880	8,140		7,967	0	0	0		0
	NE	Queretaro, QA	8,207	8,207	8,207		8,207	311	287	295		298
	SD	Salinas Victoria, NL	6,905	6,905	6,905		6,905	0	0	0		0
	MO	Tlalnepantla, EM	7,573	7,573	7,573		7,573	303	279	288		290
	SD	Torreon, CU	7,480	7,480	7,690		7,550	0	0	0		0
Soybeans	MO	Bojay (Tula), HG	8,284	8,355	8,497		8,378	350	395	485		410
	NE	Guadalajara, JA	8,842	8,888	9,075		8,935	379	420	508		436
	IA	El Castillo, JA	9,110	9,110	9,297		9,172	0	0	0		0
	KS	Torreon, CU	7,714	7,747	7,880		7,780	277	299	353		309
Sorghum	NE	Celaya, GJ	7,527	7,570	7,787		7,628	346	380	457		394
	KS	Queretaro, QA	8,000	8,000	8,000		8,000	186	171	177		178
	NE	Salinas Victoria, NL	6,633	6,633	6,633		6,633	149	137	142		143
	NE	Torreon, CU	6,962	6,997	7,172		7,044	262	279	326		289

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



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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	75.96		74.94	2.02	2.02	2.07		2.04
	OK	Cuautitlan, EM	70.42	69.96	70.67		70.35	1.91	1.90	1.92		1.91
	KS	Guadalajara, JA	79.65	80.31	83.12		81.03	2.17	2.18	2.26		2.20
	TX	Salinas Victoria, NL	45.16	45.08	45.11		45.12	1.23	1.23	1.23		1.23
Corn	IA	Guadalajara, JA	91.00	91.96	95.44		92.80	2.31	2.33	2.42		2.35
	SD	Celaya, GJ	80.51	80.51	83.17		81.40	2.04	2.04	2.11		2.07
	NE	Queretaro, QA	87.03	86.78	86.87		86.89	2.21	2.20	2.20		2.21
	SD	Salinas Victoria, NL	70.55	70.55	70.55		70.55	1.79	1.79	1.79		1.79
	MO	Tlalnepantla, EM	80.48	80.23	80.32		80.34	2.04	2.04	2.04		2.04
	SD	Torreon, CU	76.43	76.43	78.57		77.14	1.94	1.94	1.99		1.96
Soybeans	MO	Bojay (Tula), HG	88.22	89.40	91.77		89.80	2.40	2.43	2.49		2.44
	NE	Guadalajara, JA	94.21	95.11	97.91		95.75	2.56	2.59	2.66		2.60
	IA	El Castillo, JA	93.08	93.08	94.99		93.72	2.53	2.53	2.58		2.55
	KS	Torreon, CU	81.64	82.21	84.13		82.66	2.22	2.24	2.29		2.25
Sorghum	NE	Celaya, GJ	80.44	81.24	84.23		81.97	2.04	2.06	2.14		2.08
	KS	Queretaro, QA	83.64	83.49	83.55		83.56	2.12	2.12	2.12		2.12
	NE	Salinas Victoria, NL	69.29	69.17	69.22		69.23	1.76	1.76	1.76		1.76
	NE	Torreon, CU	73.81	74.34	76.61		74.92	1.87	1.89	1.94		1.90

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



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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	475		1,459

*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



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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	18.27		17.10
35-40,000	13.89	14.01	15.50		14.47

Source: O'Neil Commodity Consulting



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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	2.52		2.58
Pharr, Texas	2.45	2.28	2.04		2.25

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



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

3rd quarter 2019														
Legend:		1 = Surplus	2 = Slight surplus	3 = Adequate	4 = Slight shortage	5 = Shortage								
Truck availability														
Mexico border crossings/month		July					August				September			
Week ending		7/2	7/9	7/16	7/23	7/30	8/6	8/13	8/20	8/27	9/3	9/10	9/17	9/24
Through Nogales, AZ	Tomatoes, Squash, Cucumbers, Mangoes, Honeydew, Watermelons, Mixed Fruits, Vegetables	3	3	3	3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Through TX	Vegetables, Limes, Mangoes, Onions, Tomatoes, Broccoli, Mixed Fruits	3	1	1	1	1	1	1	1	1	3	3	3	3

Note: NA = not available.

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	3rd qtr 2019	Rank
Avocados	211	1
Limes	166	2
Mangoes	147	3
Peppers, other	141	4
Tomatoes, plum type	139	5
Tomatoes	117	6
Cucumbers	95	7
Misc tropical	84	8
Peppers, bell type	49	9
Watermelons	47	10

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



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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



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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	145,221
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	55,836	.	229,719
Peppers (all varieties)	68,655	50,059	38,006	.	149,350
Cucumbers	66,751	88,960	42,135	.	124,919
Avocados	50,934	41,293	11,138	.	124,171
Squash	36,760	39,066	18,919	.	102,262
Subtotal	321,731	300,674	166,034	.	730,421
Other	284,125	310,400	182,481	.	718,057
Total	605,856	611,074	348,515	.	1,448,478

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](#)

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. February 2020. Web. <<http://dx.doi.org/10.9752/TS054.02-2020>>

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