



Mexico Transport Cost Indicator Report



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SUMMARY: WHAT HAPPENED?

Soybean and Wheat Landed Costs to Mexico Decrease, Corn's Increased

Landed Costs: The landed costs of shipping soybeans and wheat to Mexico decreased during the fourth quarter of 2018, compared to the previous quarter (see table 1). The decrease in landed costs was caused by a decline in farm values for both soybeans and wheat. Conversely, landed costs for corn were pushed up by an increase in farm values.

Changes in the total transportation costs were mixed during the quarter. Total transportation costs for waterborne corn and soybeans decreased in the fourth quarter, compared to the previous quarter, while the cost of shipping wheat increased. Despite the decrease in total transportation costs of shipping waterborne corn to Mexico, the increase in the farm values was large enough to push up the landed costs. Total transportation costs of shipping all the grains through the land route to Mexico increased during the fourth quarter. However, the decline in the farm values for soybeans and wheat more than offset the increase in total transportation costs, pushing down the landed costs for both commodities.

Ocean freight rates, for shipping bulk grains, increased during the quarter due to strong global dry bulk trades for commodities such as iron ore, coal, and other minor bulks (see February 14, 2019 [Grain Transportation Report \(GTR\)](#)). Truck rates also increased during the quarter, partly due to increased demand for trucking services. Tariff rail rates also increased during the quarter. Barge rates declined during the fourth quarter because the overall demand for grain barge service was lower than normal over the period. The reduced demand for grain barge service resulted from the greater decline in soybean movements (due to trade problems with China) that was not offset by the unusually high increase in corn movements. As a result, the overall demand for grain barge services was reduced.

Year-to-year farm values increased for both corn and wheat across all routes, while there was a decline in value for soybeans. Changes in the year-to-year landed costs followed the same pattern as the farm values for all the



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commodities. The landed costs for the three commodities ranged from \$187 to \$372 per metric ton (mt) (see table 1 and figure 1) for the water route, and \$232 to \$400 per mt for the land route (see table 1 and figure 2). The transportation share of the landed costs ranged from 13 to 27 percent for the water route, and 25 to 42 percent for the land route (see table 1).

According to USDA's grain inspection data, more corn, soybeans and wheat were inspected for export to Mexico during the fourth quarter of 2018, as compared to 2017. In 2018, 3.60 million metric tons (mmt) of corn, 1.18 mmt of soybeans, and 0.65 mmt of wheat were inspected for export to Mexico. This compares to 2.75 mmt, 0.91 mmt and 0.48 mmt, respectively, in 2017.

Total corn and soybean exports to Mexico were also greater than in the calendar year 2017. Corn exports were 14.24 mmt in 2018, compared to 13.63 mmt in 2017. Soybean exports were 4.46 in 2018 and 3.62 mmt last year. In comparison, less wheat was inspected for export to Mexico. Wheat exports totaled 2.59 mmt in 2018, compared to 3.32 mmt during the previous year. In addition to proximity, lower farm values and transportation costs enhanced 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 increased during the fourth quarter, the same period a year ago, and 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 \$17.94 per mt. This is 8 percent more than the previous quarter, 10 percent more than the same period last year, and 14 percent more than the 4-year average. The cost of shipping in a 35-40,000 ton-capacity vessel averaged \$15.63 per mt. This represents a 7 percent increase from the previous quarter, a 10 percent increase from the same quarter last year, and is 14 percent above the 4-year average. Ocean freight rates for shipping bulk commodities, including grain, increased during the third quarter due to strong global iron trade and firm coal demand (see February 14, 2019 [GTR](#)).

Railroad: During the fourth quarter of 2018, railroads transported 43,572 carloads of grain and oilseeds to Mexico. This reflects a 5 percent increase from the previous quarter and a 33 percent increase from the fourth quarter of 2017. As demand for soybeans from China fell, low prices incentivized other countries, including Mexico, to buy more. Tariff rail rates averaged \$7,517 per grain car up 2 percent from the third quarter of 2018, the fourth quarter of 2017, and the prior-3-year average. Fuel surcharges averaged \$215 per railcar, up 11 percent from the previous quarter, up 75 percent from the fourth quarter 2017, and up 136 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 3 percent from fourth quarter 2017, and up 4 percent from the prior 3-year average.

Fruit and Vegetables

During the fourth quarter of 2019, total reported shipments of fruits and vegetables from Mexico were 2.24 million tons, a 4 percent decrease from the same quarter last year. The sum of the top five commodities was down 34,000 tons. Avocados had the largest shipments to the U.S., with 250,000 tons, a 7 percent increase from last year.

Truck rates for shipments between 501 and 1,500 miles—through the Texas border crossings—averaged \$2.34 per mile, which is 3 percent higher than last quarter, but 1 percent lower than the same quarter last year. Rates for shipments between 501 and 1,500 miles—through the Arizona border crossings—averaged \$2.47 per mile, which is down 10 percent from last quarter, but 4 percent higher than the same quarter last year.

Diesel fuel prices, for border crossings through Texas, averaged \$3.04 per gallon. Diesel fuel prices, for border crossings through Arizona, averaged \$3.46 per gallon. Truck availability was mostly adequate for Texas during the quarter. On the other hand, the Arizona border experienced a surplus of truck availability during October and adequate availability throughout the remainder of the quarter.



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Table 1. Quarterly costs of transporting U.S. grain and soybeans to Mexico, 2018

	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	13.87	12.06	10.54	12.10	12.14	4.94	4.66	5.12	5.20	4.98
Rail ¹	-	-	-			87.60	87.96	88.41	91.13	88.78
Barge	20.97	26.29	25.32	21.38	23.49	-	-	-		
Ocean ²	13.97	14.07	14.68	15.63	14.59	-	-	-		
Total transportation cost	48.81	52.42	50.54	49.11	50.22	92.54	92.62	93.53	96.33	93.76
Farm price ³	136.21	143.69	133.98	137.99	137.97	131.23	139.49	130.83	135.43	134.25
Landed cost ⁴	185.02	196.11	184.52	187.10	188.19	223.77	232.11	224.36	231.76	228.00
Transport % of landed cost	26.4	26.7	27.4	26.2	26.7	41.4	39.9	41.7	41.6	41.1
Soybeans										
Origin	IL					NE				
Truck	13.87	12.06	10.54	12.10	12.14	4.94	4.66	5.12	5.20	4.98
Rail ¹	-	-	-			91.51	91.88	92.60	94.37	92.59
Barge	20.97	26.29	25.32	21.38	23.49	-	-	-		
Ocean ²	13.97	14.07	14.68	15.63	14.59	-	-	-		
Total transportation cost	48.81	52.42	50.54	49.11	50.22	96.45	96.54	97.72	99.57	97.57
Farm price ³	359.48	364.86	330.94	323.34	344.66	341.72	352.86	317.83	300.20	328.15
Landed cost ⁴	408.29	417.28	381.48	372.45	394.88	438.17	449.40	415.55	399.77	425.72
Transport % of landed cost	12.0	12.6	13.2	13.2	12.7	22.0	21.5	23.5	24.9	23.0
Wheat										
Origin	KS					KS				
Truck	4.94	4.66	5.12	5.20	4.98	4.94	4.66	5.12	5.20	4.98
Rail ¹	41.42	41.83	42.66	42.66	42.14	77.75	78.02	79.08	79.66	78.63
Ocean ²	13.97	14.07	14.68	15.63	14.59	-	-	-		
Total transportation cost	60.33	60.56	62.46	63.49	61.71	82.69	82.68	84.20	84.86	83.61
Farm price ³	155.92	175.02	184.94	175.14	172.76	155.92	175.02	184.94	175.14	172.76
Landed cost ⁴	216.25	235.58	247.40	238.63	234.47	238.61	257.70	269.14	260.00	256.36
Transport % of landed cost	27.9	25.7	25.2	26.6	26.4	34.7	32.1	31.3	32.6	32.7

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.

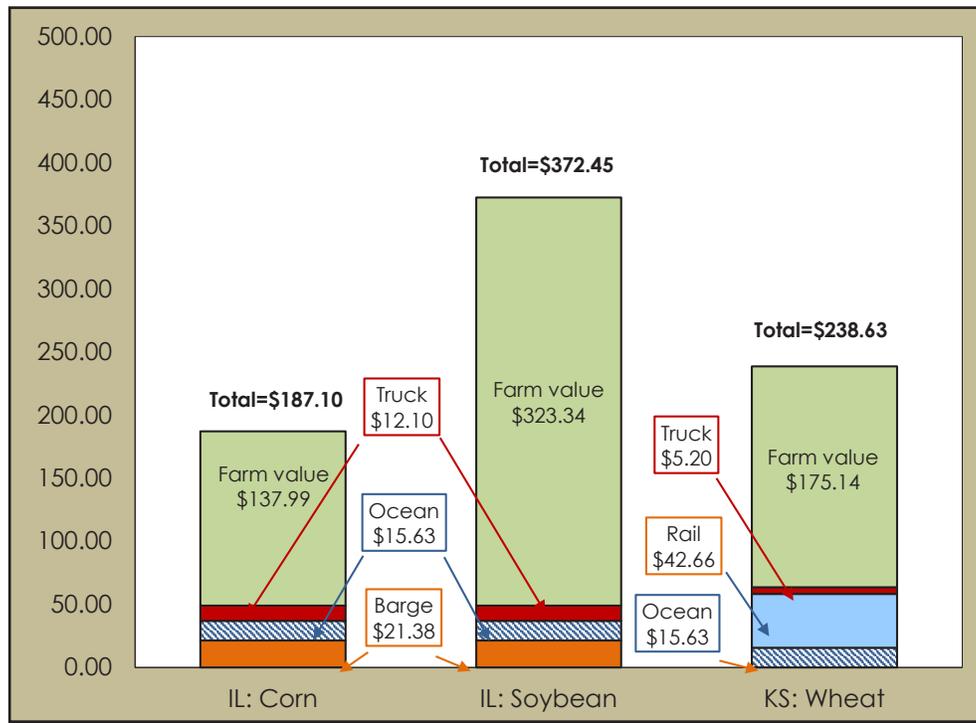
³Source: USDA/NASS

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



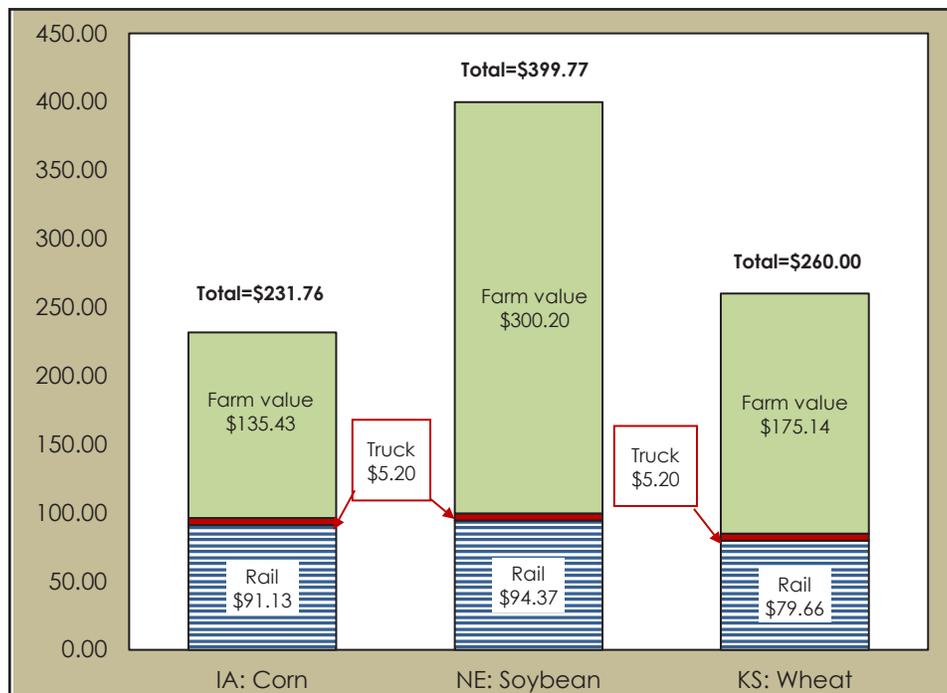
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Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA, Agricultural Marketing Service

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



Source: USDA, Agricultural Marketing Service



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Livestock

The U.S. exported 41,176 head of livestock to Mexico during the 4th quarter (see table 6), an increase of 6 percent from the same quarter last year and an increase of 34 percent from the previous quarter. Horses remain the largest livestock export to Mexico (see table 6). In total, 18,809 head of horses crossed the border (46 percent of the total head count), followed by hogs with a head count of 16,185 (39 percent), dairy cattle with 3,137 head and sheep with 1,978 count (8 and 5 percent, respectively). Most of the animals crossed through El Paso, Brownsville, and Presidio, TX, and Santa Teresa, NM (see figure 3).

Figure 3. Livestock Border Crossing to Mexico during the 4th quarter 2018





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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), 2018

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	7,342	7,284	7,386	0	0	0	0	0
	OK	Cuautitlan, EM	6,631	6,631	6,743	6,743	6,687	123	132	163	167	146
	KS	Guadalajara, JA	7,309	7,309	7,371	7,371	7,340	283	327	368	411	347
	TX	Salinas Victoria, NL	4,292	4,292	4,292	4,292	4,292	75	81	99	100	89
Corn	IA	Guadalajara, JA	8,313	8,313	8,313	8,528	8,367	260	296	340	379	319
	SD	Celaya, GJ	7,700	7,700	7,700	7,880	7,745	0	0	0	0	0
	NE	Queretaro, QA	8,013	8,013	8,013	8,134	8,044	253	278	339	336	302
	SD	Salinas Victoria, NL	6,743	6,743	6,743	6,905	6,784	0	0	0	0	0
	MO	Tlalnepantla, EM	7,379	7,379	7,379	7,500	7,409	247	271	331	328	294
	SD	Torreon, CU	7,300	7,300	7,300	7,480	7,345	0	0	0	0	0
Soybeans	MO	Bojay (Tula), HG	8,134	8,134	8,159	8,284	8,178	242	275	316	350	296
	NE	Guadalajara, JA	8,692	8,692	8,717	8,842	8,735	265	300	346	382	323
	IA	El Castillo, JA	8,960	8,960	9,010	9,110	9,010	0	0	0	0	0
	KS	Torreon, CU	7,489	7,489	7,514	7,714	7,551	196	221	257	283	239
Sorghum	NE	Celaya, GJ	7,345	7,345	7,345	7,527	7,390	242	274	317	350	296
	KS	Queretaro, QA	7,819	7,819	7,819	8,000	7,864	154	165	203	209	183
	NE	Salinas Victoria, NL	6,452	6,452	6,452	6,633	6,497	123	133	163	168	147
	NE	Torreon, CU	6,790	6,790	6,790	6,962	6,833	190	212	249	271	231

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 plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2018

			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	75.02	74.43	75.47	2.07	2.07	2.04	2.02	2.05
	OK	Cuautitlan, EM	69.01	69.10	70.56	70.61	69.82	1.88	1.88	1.92	1.92	1.90
	KS	Guadalajara, JA	77.57	78.02	79.08	79.51	78.54	2.11	2.12	2.15	2.16	2.14
	TX	Salinas Victoria, NL	44.62	44.68	44.87	44.88	44.76	1.21	1.21	1.22	1.22	1.22
Corn	IA	Guadalajara, JA	87.60	87.96	88.41	91.01	88.74	2.22	2.23	2.24	2.31	2.25
	SD	Celaya, GJ	78.68	78.68	78.68	80.51	79.14	2.00	2.00	2.00	2.04	2.01
	NE	Queretaro, QA	84.46	84.72	85.35	86.55	85.27	2.14	2.15	2.17	2.20	2.16
	SD	Salinas Victoria, NL	68.90	68.90	68.90	70.55	69.31	1.75	1.75	1.75	1.79	1.76
	MO	Tlalnepantla, EM	77.92	78.16	78.78	79.98	78.71	1.98	1.98	2.00	2.03	2.00
	SD	Torreon, CU	74.59	74.59	74.59	76.43	75.05	1.89	1.89	1.89	1.94	1.90
Soybeans	MO	Bojay (Tula), HG	85.58	85.92	86.60	88.22	86.58	2.33	2.34	2.35	2.40	2.35
	NE	Guadalajara, JA	91.51	91.88	92.60	94.24	92.56	2.49	2.50	2.52	2.56	2.52
	IA	El Castillo, JA	91.55	91.55	92.06	93.08	92.06	2.49	2.49	2.50	2.53	2.50
	KS	Torreon, CU	78.52	78.77	79.40	81.71	79.60	2.13	2.14	2.16	2.22	2.16
Sorghum	NE	Celaya, GJ	77.52	77.84	78.28	80.49	78.53	1.97	1.98	1.99	2.04	1.99
	KS	Queretaro, QA	81.46	81.58	81.97	83.87	82.22	2.07	2.07	2.08	2.13	2.09
	NE	Salinas Victoria, NL	67.18	67.28	67.58	69.48	67.88	1.70	1.71	1.72	1.76	1.72
	NE	Torreon, CU	71.31	71.54	71.92	73.91	72.17	1.81	1.82	1.83	1.88	1.83

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

*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



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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 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	15.16	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

Source: O'Neil Commodity Consulting



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LIVESTOCK

Table 6. U.S. livestock exports to Mexico by border crossing* (head) October-December 2018

Category	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	0	0	0
Breeding males	30	38	535	603
Breeding females	127	0	304	431
Total beef	157	38	839	1,034
Hogs				
Slaughter	0	0	0	0
Breeding males	0	258	458	716
Breeding females	0	0	15,469	15,469
Total hogs	0	258	15,927	16,185
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	1,948	1,948
Breeding males	0	0	30	30
Breeding females	0	0	0	0
Total sheep	0	0	1,978	1,978
Dairy cattle				
Breeding males	0	0	6	6
Breeding females	1,322	0	1,809	3,131
Total dairy	1,322	0	1,815	3,137
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	2,877	0	13,848	16,725
Breeding males	218	108	376	702
Breeding females	288	141	625	1,054
Geldings	77	37	159	273
Burro/mule/pony	0	0	55	55
Total horses	3,460	286	15,063	18,809
Exotics**	0	0	33	33
Grand total	4,939	582	35,655	41,176

*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: USDA, Agricultural Marketing Service (AMS), Livestock and Seed Programs



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FRUIT AND VEGETABLE

Table 7. 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 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	2.45	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

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



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Table 8. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability

4th quarter 2018														
Legend:		1 = Surplus	2 = Slight surplus	3 = Adequate	4 = Slight shortage	5 = Shortage								
Truck availability														
Mexico border crossings/month		October					November				December			
Week		10/2	10/9	10/16	10/23	10/30	11/6	11/13	11/20	11/27	12/4	12/11	12/18	12/25
Through Nogales, AZ	Tomatoes, Squash, Cucumbers, Mangoes, Honeydew, Watermelons, Mixed Fruits, Vegetables	3	3	1	1	2	3	4	3	3	3	3	4	5
Through TX	Vegetables, Limes, Mangoes, Onions, Tomatoes, Broccoli, Mixed Fruits	3	3	3	3	3	3	3	3	3	3	3	3	3

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

Table 9. Top ten commodities shipped by truck to the U.S. from Mexico, 2018 (10,000 lbs)

Commodity	4th qtr 2018	Rank
Avocados	50,126	1
Cucumbers	43,301	2
Peppers, Other	35,288	3
Tomatoes	33,528	4
Squash	31,151	5
Limes	30,205	6
Tomatoes, Plum Type	24,784	7
Peppers, Bell Type	22,475	8
Watermelons, Seedless	19,729	9
Misc Tropical	14,922	10

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



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

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
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

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 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	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

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

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- [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, 2018](#)
- [Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico \(US\\$/car\), 2018](#)
- [Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2018](#)
- [Table 4: Quarterly exports of U.S. Distillers' Dried Grains with Soluble \(DDGS\) to Mexico](#)
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- [Table 6: U.S. livestock exports to Mexico by border crossing \(head\) October-December 2018](#)
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