



# Mexico Transport Cost Indicator Report



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## SUMMARY: WHAT HAPPENED?

### **Corn and Soybean Landed Cost to Mexico Decreased, Wheat Increased**

**Landed Costs:** The landed costs of shipping corn and soybeans by water and land routes, from the United States to Mexico, decreased during the third quarter compared to the previous quarter (see table 1). However, U.S. landed costs for wheat to Mexico increased for both routes compared to the previous quarter. The landed costs for waterborne corn and soybean fell due to a combination of decreases in truck and barge rates and farm values. The drop in the landed costs of corn and soybeans transported by land was mainly due to the reduction in farm values. The landed costs for wheat were pushed up due to increases in farm values and the costs of all transportation modes (see table 1).

Despite navigation disruptions caused by high water conditions, the average barge rate declined during the third quarter, compared to the previous quarter. The decline was due to reduced demand for barge services caused by a recent decrease in soybean exports. On average, 88 percent of soybean deliveries for export through the Mississippi Gulf are delivered by barges (see November 1, 2018 [Grain Transportation Report \(GTR\)](#)). Reduced demand also caused the truck rate, for transporting corn and soybeans to barge-served river elevators, to fall during the quarter. Short-haul truck rates to rail-served elevators increased during the quarter, compared to the previous quarter.

Although both transportation costs and farm values fell for waterborne corn and soybeans from quarter to quarter in 2018, the transportation share of the landed costs remained unchanged. For corn and soybeans transported by the land route, an increase in the transportation costs coupled with a decrease in the farm values caused the transportation share of the landed costs to increase from quarter to quarter in 2018. However, an offsetting increase in farm values for wheat—compared to transportation costs—caused the transportation share of the landed costs for both water and land routes to decrease from the second to third quarter. Landed costs for the water



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route ranged from \$185 to \$381 per metric ton (mt) for the water route (see table 1 and figure 1) and \$224 to \$416 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 24 to 42 percent for the land route (see table 1).

According to USDA's grain inspection data, more corn and soybeans were inspected for export to Mexico during the third quarter of 2018, compared to the same period in 2017. In 2018, 3.90 and 1.22 million metric tons (mmt) of corn and soybeans were inspected for export to Mexico compared to 3.87 and 0.99 mmt, respectively, in 2017. Year-to-date (YTD) corn and soybean exports to Mexico are also greater than in 2017. Corn exports were 12.16 mmt YTD compared to 11.18 the previous year for the same period. Soybean exports were 3.85 mmt YTD compared to 2.98 a year ago. In comparison, less wheat was inspected for export to Mexico, with only .73 mmt during the third quarter of 2018 compared to .89 mmt during the same period last year. Lower farm values and transportation costs enhanced the competitiveness of U.S. corn and soybean exports to Mexico. Low transportation costs give the U.S. a competitive advantage on exports to Mexico.

**Ocean Freight:** Compared to the previous quarter, freight rates for shipping bulk grains to Mexico increased during the third quarter, the same period a year ago, and the 4-year average. 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 \$16.68 per mt during the quarter. This represents a 3, 10, and 8 percent increase over the previous quarter, same period last year, and 4-year average, respectively. The cost of shipping in a 35-40,000 ton-capacity vessel averaged \$14.68 per mt. This represents a 4, 13, and 9 percent increase over the previous quarter, same period last year, and 4-year average, respectively. 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 October 25, 2018 [GTR](#)).

**Railroad:** During the third quarter of 2018, railroads transported 40,495 carloads of grain and oilseeds to Mexico, down 2 percent from the previous quarter and up 8 percent from the third quarter of 2017. Tariff rail rates per grain car averaged \$7,389, which is up slightly from the second quarter of 2018, up 1 percent from the third quarter of 2017, and up 1 percent from the prior-3-year average. Fuel surcharges per railcar averaged \$194, which is up 18 percent from the previous quarter, up 94 percent from the third quarter 2017, and up 67 percent from the prior-3-year average. Overall, rail transportation costs (tariff rates plus fuel surcharges) were up 1 percent from the previous quarter, up 2 percent from third quarter 2017, and up 2 percent from the prior-3-year average.

## Fruit and Vegetables

During the third quarter of 2018, total reported shipments of fruits and vegetables from Mexico were 1.49 million tons, a 2 percent decrease from the same quarter last year. The sum of the top five commodities were down 0.7 million tons. Of all the fruit and vegetable shipments, avocados had the largest shipments to the U.S., with 178 million tons, which is up 13 percent from last year.

Truck rates for shipments from 501 to 1,500 miles—through the Texas border crossings—averaged \$2.27 per mile, which is 28 percent lower than last quarter, but 13 percent higher than the same quarter last year. Rates for shipments from 501 to 1,500 miles—through the Arizona border crossings—averaged \$2.75 per mile, which 14 percent lower than last quarter, but 12 percent higher than the same quarter last year.

Diesel fuel prices—for border crossings through Texas—averaged \$3.01 per gallon. Diesel fuel prices—for border crossings through Arizona—averaged \$3.45 per gallon. Truck availability was mostly adequate for Arizona during the quarter. On the other hand, the Texas border experienced a surplus of truck availability during the 3rd 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				
<b>Corn</b>										
<b>Origin</b>	<b>IL</b>					<b>IA</b>				
Truck	13.87	12.06	10.54		12.16	4.94	4.66	5.12		4.91
Rail <sup>1</sup>	-	-	-		-	87.60	87.96	88.41		87.99
Barge	20.97	26.29	25.32		24.19	-	-	-		-
Ocean <sup>2</sup>	13.97	14.07	14.68		14.24	-	-	-		-
Total transportation cost	48.81	52.42	50.54		50.59	92.54	92.62	93.53		92.90
Farm price <sup>3</sup>	136.21	143.69	133.98		137.96	131.23	139.49	130.83		133.85
Landed cost <sup>4</sup>	185.02	196.11	184.52		188.55	223.77	232.11	224.36		226.75
Transport % of landed cost	26.4	26.7	27.4		26.8	41.4	39.9	41.7		41.0
<b>Soybeans</b>										
<b>Origin</b>	<b>IL</b>					<b>NE</b>				
Truck	13.87	12.06	10.54		12.16	4.94	4.66	5.12		4.91
Rail <sup>1</sup>	-	-	-		-	91.51	91.88	92.60		92.00
Barge	20.97	26.29	25.32		24.19	-	-	-		-
Ocean <sup>2</sup>	13.97	14.07	14.68		14.24	-	-	-		-
Total transportation cost	48.81	52.42	50.54		50.59	96.45	96.54	97.72		96.90
Farm price <sup>3</sup>	359.48	364.86	330.94		351.76	341.72	352.86	317.83		337.47
Landed cost <sup>4</sup>	408.29	417.28	381.48		402.35	438.17	449.40	415.55		434.37
Transport % of landed cost	12.0	12.6	13.2		12.6	22.0	21.5	23.5		22.3
<b>Wheat</b>										
<b>Origin</b>	<b>KS</b>					<b>KS</b>				
Truck	4.94	4.66	5.12		4.91	4.94	4.66	5.12		4.91
Rail <sup>1</sup>	41.42	41.83	42.66		41.97	77.75	78.02	79.08		78.28
Ocean <sup>2</sup>	13.97	14.07	14.68		14.24	-	-	-		-
Total transportation cost	60.33	60.56	62.46		61.12	82.69	82.68	84.20		83.19
Farm price <sup>3</sup>	155.92	175.02	184.94		171.96	155.92	175.02	184.94		171.96
Landed cost <sup>4</sup>	216.25	235.58	247.40		233.08	238.61	257.70	269.14		255.15
Transport % of landed cost	27.9	25.7	25.2		26.3	34.7	32.1	31.3		32.7

<sup>1</sup>Rail 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.

<sup>2</sup>Source: O'Neil Commodity Consulting, Inc.

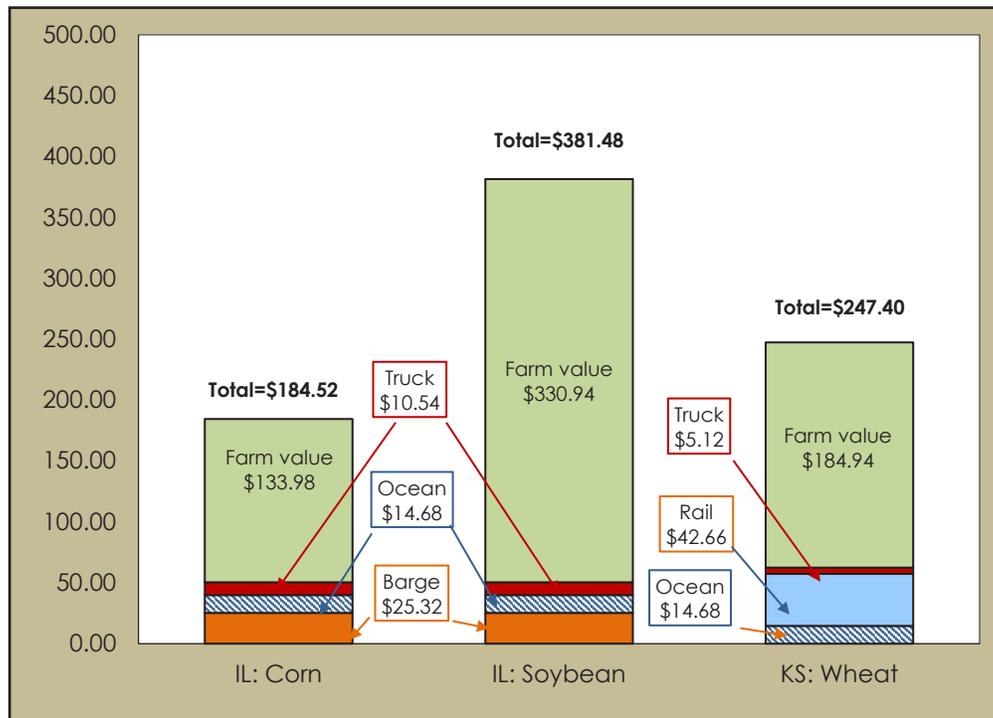
<sup>3</sup>Source: USDA/NASS

<sup>4</sup>Landed cost is total transportation cost plus the farm price.



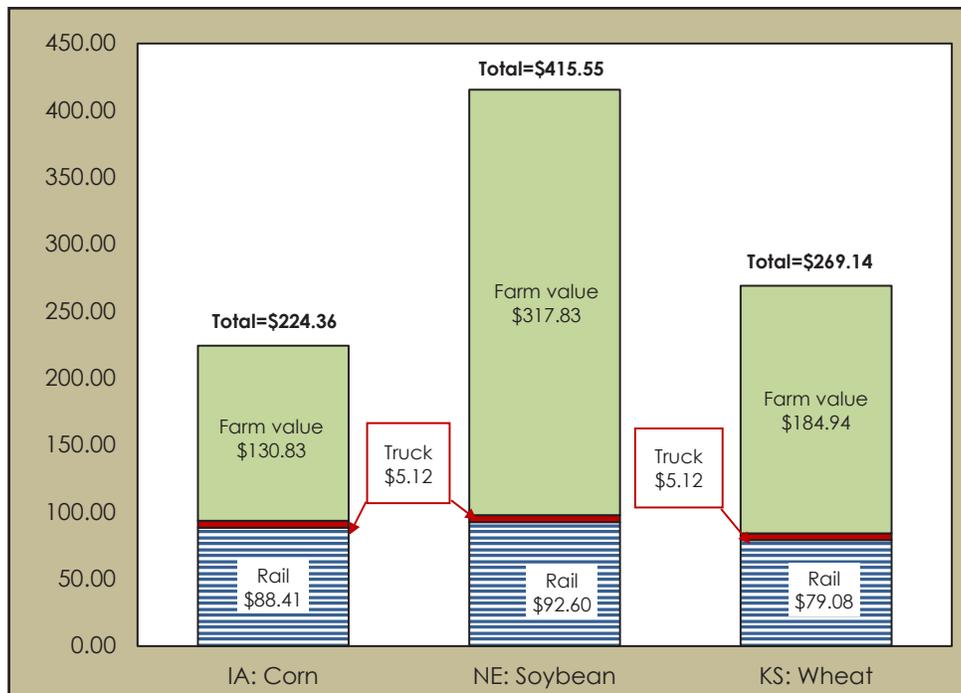
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**Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico**



Source: USDA, Agricultural Marketing Service

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



Source: USDA, Agricultural Marketing Service

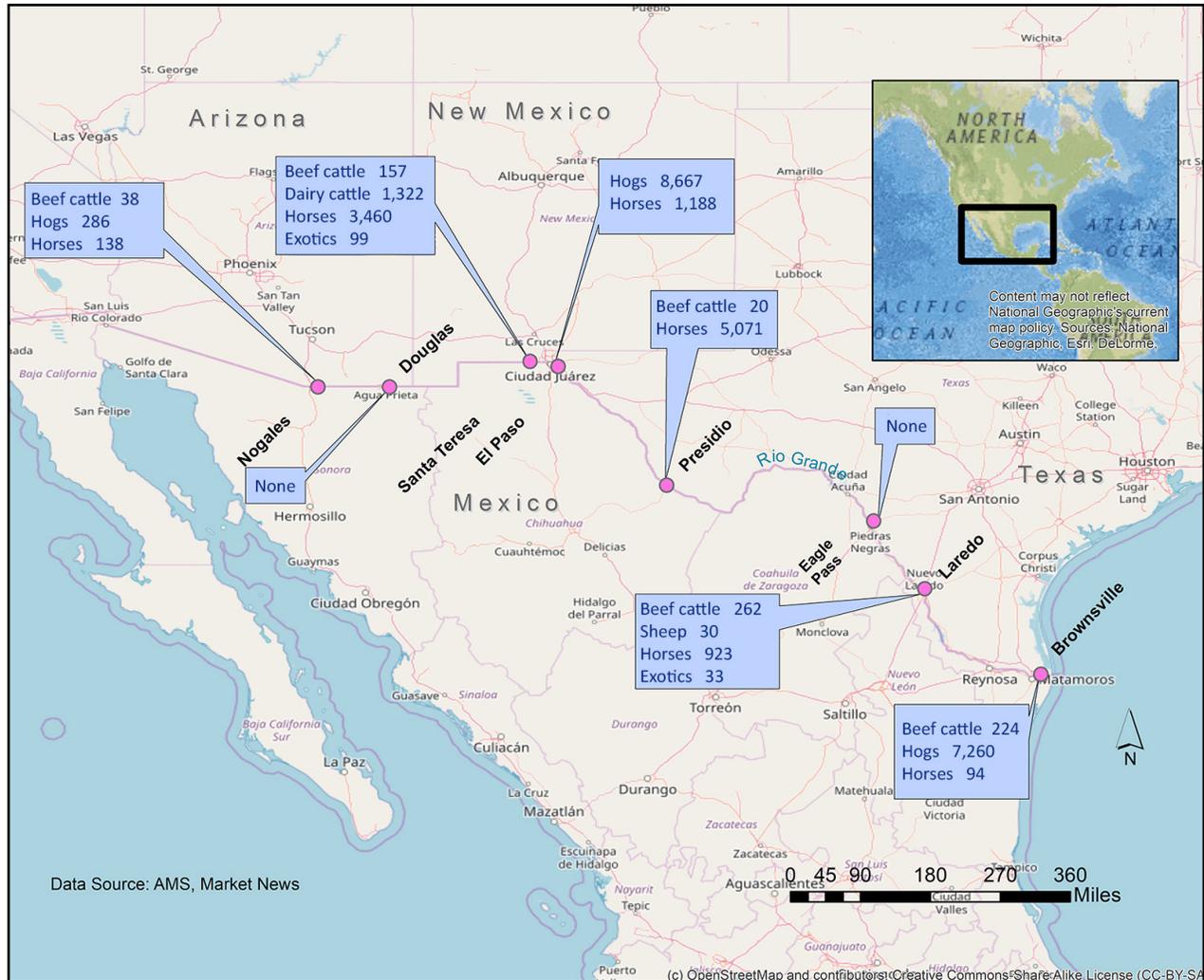


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## Livestock

The U.S. exported 30,692 head of livestock to Mexico during the 3rd quarter, a decrease of 30 percent from the same quarter last year but an increase of 6 percent from the previous quarter. Horses remain the largest livestock export to Mexico. In total 21,232 horses crossed the border (69 percent of the total head count, followed by hogs (15 percent), dairy cattle and sheep (both 8 and 6 percent, respectively) (see table 6). 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 3rd 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 <sup>1</sup>					Fuel surcharge per car <sup>2</sup>				
			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		7,420	0	0	0		0
	OK	Cuautitlan, EM	6,631	6,631	6,743		6,668	123	132	163		139
	KS	Guadalajara, JA	7,309	7,309	7,371		7,329	283	327	368		326
	TX	Salinas Victoria, NL	4,292	4,292	4,292		4,292	75	81	99		85
Corn	IA	Guadalajara, JA	8,313	8,313	8,313		8,313	260	296	340		299
	SD	Celaya, GJ	7,700	7,700	7,700		7,700	0	0	0		0
	NE	Queretaro, QA	8,013	8,013	8,013		8,013	253	278	339		290
	SD	Salinas Victoria, NL	6,743	6,743	6,743		6,743	0	0	0		0
	MO	Tlalnepantla, EM	7,379	7,379	7,379		7,379	247	271	331		283
	SD	Torreon, CU	7,300	7,300	7,300		7,300	0	0	0		0
Soybeans	MO	Bojay (Tula), HG	8,134	8,134	8,159		8,142	242	275	316		278
	NE	Guadalajara, JA	8,692	8,692	8,717		8,700	265	300	346		304
	IA	El Castillo, JA	8,960	8,960	9,010		8,977	0	0	0		0
	KS	Torreon, CU	7,489	7,489	7,514		7,497	196	221	257		225
Sorghum	NE	Celaya, GJ	7,345	7,345	7,345		7,345	242	274	317		277
	KS	Queretaro, QA	7,819	7,819	7,819		7,819	154	165	203		174
	NE	Salinas Victoria, NL	6,452	6,452	6,452		6,452	123	133	163		140
	NE	Torreon, CU	6,790	6,790	6,790		6,790	190	212	249		217

<sup>1</sup>Rates 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.

<sup>2</sup>Approximate load per car = 97.87 mt: corn & sorghum 56 lbs/bu, wheat & soybeans 60 lbs/bu

Sources: [www.bnsf.com](http://www.bnsf.com); [www.uprr.com](http://www.uprr.com); [www.kcsouthern.com](http://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 <sup>1</sup> plus fuel surcharge per:									
			US\$/metric ton					US\$/bushel <sup>2</sup>				
Commodity	Origin State	Destination	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
<b>Wheat</b>	MT	Chihuahua, CI	76.21	76.21	75.02		75.82	2.07	2.07	2.04		2.06
	OK	Cuautitlan, EM	69.01	69.10	70.56		69.56	1.88	1.88	1.92		1.89
	KS	Guadalajara, JA	77.57	78.02	79.08		78.22	2.11	2.12	2.15		2.13
	TX	Salinas Victoria, NL	44.62	44.68	44.87		44.72	1.21	1.21	1.22		1.22
<b>Corn</b>	IA	Guadalajara, JA	87.60	87.96	88.41		87.99	2.22	2.23	2.24		2.23
	SD	Celaya, GJ	78.68	78.68	78.68		78.68	2.00	2.00	2.00		2.00
	NE	Queretaro, QA	84.46	84.72	85.35		84.84	2.14	2.15	2.17		2.15
	SD	Salinas Victoria, NL	68.90	68.90	68.90		68.90	1.75	1.75	1.75		1.75
	MO	Tlalnepantla, EM	77.92	78.16	78.78		78.29	1.98	1.98	2.00		1.99
	SD	Torreon, CU	74.59	74.59	74.59		74.59	1.89	1.89	1.89		1.89
<b>Soybeans</b>	MO	Bojay (Tula), HG	85.58	85.92	86.60		86.03	2.33	2.34	2.35		2.34
	NE	Guadalajara, JA	91.51	91.88	92.60		92.00	2.49	2.50	2.52		2.50
	IA	El Castillo, JA	91.55	91.55	92.06		91.72	2.49	2.49	2.50		2.49
	KS	Torreon, CU	78.52	78.77	79.40		78.90	2.13	2.14	2.16		2.15
<b>Sorghum</b>	NE	Celaya, GJ	77.52	77.84	78.28		77.88	1.97	1.98	1.99		1.98
	KS	Queretaro, QA	81.46	81.58	81.97		81.67	2.07	2.07	2.08		2.07
	NE	Salinas Victoria, NL	67.18	67.28	67.58		67.35	1.70	1.71	1.72		1.71
	NE	Torreon, CU	71.31	71.54	71.92		71.59	1.81	1.82	1.83		1.82

<sup>1</sup>Rates 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.

<sup>2</sup>Approximate load per car = 97.87 mt: corn & sorghum 56 lbs/bu, wheat & soybeans 60 lbs/bu

Sources: [www.bnsf.com](http://www.bnsf.com); [www.uprr.com](http://www.uprr.com); [www.kcsouthern.com](http://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		1,546

\*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		16.33
35-40,000	13.97	14.07	14.68		14.24



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## LIVESTOCK

**Table 6. U.S. livestock exports to Mexico by border crossing\* (head) July-September 2018**

Category	NM	AZ	TX	Total
<b>Beef cattle</b>				
Slaughter	0	0	0	0
Breeding males	55	0	236	291
Breeding females	52	2	73	127
Total beef	107	2	309	418
<b>Hogs</b>				
Slaughter	0	0	0	0
Breeding males	0	88	378	466
Breeding females	0	394	3,643	4,037
Total hogs	0	482	4,021	4,503
<b>Sheep</b>				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	1,966	1,966
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	1,966	1,966
<b>Dairy cattle</b>				
Breeding males	0	0	24	24
Breeding females	1,015	0	1,513	2,528
Total dairy	1,015	0	1,537	2,552
<b>Goats</b>				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
<b>Horses</b>				
Slaughter	2,889	0	16,248	19,137
Breeding males	227	117	369	713
Breeding females	276	155	579	1,010
Geldings	97	47	213	357
Burro/mule/pony	0	0	15	15
Total horses	3,489	319	17,424	21,232
<b>Exotics**</b>	0	0	21	21
<b>Grand total</b>	<b>4,611</b>	<b>803</b>	<b>25,278</b>	<b>30,692</b>

\*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		2.96
Pharr, Texas	2.95	3.13	2.27		2.78

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**

3rd quarter 2018														
Legend:		1 = Surplus	2 = Slight surplus	3 = Adequate	4 = Slight shortage	5 = Shortage								
Truck availability														
Mexico border crossings/month		July					August				September			
Week		7/3	7/10	7/17	7/24	7/31	8/7	8/14	8/21	8/28	9/4	9/11	9/18	9/25
Through Nogales, AZ	Tomatoes, Squash, Cucumbers, Mangoes, Honeydew, Watermelons, Mixed Fruits, Vegetables	3	3	3	3	3	3	3	3					
Through TX	Vegetables, Limes, Mangoes, Onions, Tomatoes, Broccoli, Mixed Fruits	2	2	1	1	1	1	1	1	1	1	1	1	1

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	3rd qtr 2018	Rank
Avocados	35,783	1
Limes	32,176	2
Peppers, Other	27,117	3
Tomatoes	24,562	4
Mangoes	23,875	5
Tomatoes, Plum Type	21,131	6
Misc Tropical	15,714	7
Cucumbers	14,131	8
Bananas	8,395	9
Papayas	8,235	10

Source: USDA, AMS, Market News



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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
<b>Subtotal</b>	<b>230,057</b>	<b>204,358</b>	<b>81,619</b>	<b>114,489</b>	<b>630,523</b>
Other	181,726	199,596	109,240	103,717	594,279
<b>Total</b>	<b>411,783</b>	<b>403,954</b>	<b>190,859</b>	<b>218,206</b>	<b>1,224,802</b>
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
<b>Subtotal</b>	<b>255,163</b>	<b>164,532</b>	<b>90,552</b>	<b>148,855</b>	<b>659,102</b>
Other	200,550	256,945	122,889	190,616	771,000
<b>Total</b>	<b>455,713</b>	<b>421,477</b>	<b>213,441</b>	<b>339,471</b>	<b>1,430,102</b>
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
<b>Subtotal</b>	<b>247,333</b>	<b>189,696</b>	<b>104,939</b>	<b>173,994</b>	<b>715,962</b>
Other	206,944	271,688	126,051	168,680	773,363
<b>Total</b>	<b>454,277</b>	<b>461,384</b>	<b>230,990</b>	<b>342,674</b>	<b>1,489,325</b>
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
<b>Subtotal</b>	<b>278,803</b>	<b>184,354</b>	<b>109,955</b>	<b>202,490</b>	<b>775,602</b>
Other	214,020	306,544	126,219	160,627	807,410
<b>Total</b>	<b>492,823</b>	<b>490,898</b>	<b>236,174</b>	<b>363,117</b>	<b>1,583,012</b>

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
Avocadoes	44,510	37,667	39,582	49,063	170,822
Squash	29,026	18,088	3,527	23,863	74,504
<b>Subtotal</b>	<b>284,037</b>	<b>198,472</b>	<b>127,506</b>	<b>217,134</b>	<b>827,149</b>
Other	225,053	334,134	130,249	179,649	869,085
<b>Total</b>	<b>509,090</b>	<b>532,606</b>	<b>257,755</b>	<b>396,783</b>	<b>1,696,234</b>
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
Avocadoes	57,605	40,197	34,993	40,457	173,252
Squash	31,051	26,672	5,322	30,711	93,756
<b>Subtotal</b>	<b>315,040</b>	<b>256,385</b>	<b>137,905</b>	<b>242,775</b>	<b>952,105</b>
Other	242,834	350,555	162,307	204,561	960,257
<b>Total</b>	<b>557,874</b>	<b>606,940</b>	<b>300,212</b>	<b>447,336</b>	<b>1,912,362</b>
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
Avocadoes	49,557	36,996	31,683	47,011	165,247
Squash	31,937	20,737	5,099	33,126	90,899
<b>Subtotal</b>	<b>303,227</b>	<b>211,831</b>	<b>132,624</b>	<b>257,146</b>	<b>904,828</b>
Other	289,814	339,353	170,127	206,746	1,006,040
<b>Total</b>	<b>593,041</b>	<b>551,184</b>	<b>302,751</b>	<b>463,892</b>	<b>1,910,868</b>
Commodity	1st qtr 2018	2nd qtr 2018	3rd qtr 2018	4th qtr 2018	Total 2018
Tomatoes (all varieties)	105,274	80,008	49,400		234,682
Peppers (all varieties)	73,682	46,268	35,266		155,216
Cucumbers	44,297	36,450	14,131		94,878
Avocadoes	47,011	49,914	35,783		132,708
Squash	33,126	22,075	4,691		59,892
<b>Subtotal</b>	<b>303,390</b>	<b>234,715</b>	<b>139,271</b>		<b>677,376</b>
Other	304,695	335,630	158,882		799,207
<b>Total</b>	<b>608,085</b>	<b>570,345</b>	<b>298,153</b>		<b>1,476,583</b>

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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- [U.S. Grain and Soybean Exports to Mexico — A Modal Share Transportation Analysis \(PDF\)](#)
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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](#)
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- [Table 4: Quarterly exports of U.S. Distillers' Dried Grains with Soluble \(DDGS\) to Mexico](#)
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