



Mexico Transport Cost Indicator Report



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SUMMARY: WHAT HAPPENED?

Mexico Imports More U.S. Corn During the Fourth Quarter

Mexico imported 14 percent more corn during the fourth quarter of 2017, compared to the same period a year earlier. It imported 3 and 31 percent less soybeans and wheat, during the quarter compared to the same period a year earlier, respectively. However, overall Mexico imported 7, 8 and 34 percent more U.S. corn, soybeans and wheat during the calendar year 2017, respectively. Corn imports increased despite a hike in transportation costs.

The transportation costs of shipping corn and soybeans, from the United States to Vera Cruz, Mexico through the water route increased by 10 percent and the cost of shipping wheat increased by 12 percent ([see March 1, 2018 Grain Transportation Report](#)). The cost of shipping corn and wheat by land route to Guadalajara, Mexico increased by 3 and 2 percent, respectively, while the cost of shipping soybeans declined by 1 percent. The increase in water route transportation costs of shipping corn and soybeans was due to higher truck, barge and ocean rates during the quarter. As for the land route, the tariff rail rate for shipping corn increased as well.

The increase in the trucking rates was partly due to higher diesel prices and increased demand for trucking services. Barge rates increased as a result of a seasonal increase in the demand for barge services during the quarter. Ocean freight rates were pushed up because of strong thermal coal and grain trade during the quarter ([see February 8, 2018 Grain Transportation Report](#)). Despite an overall increase in transportation costs, landed costs for waterborne wheat decreased by 7 percent. Soybeans remained the same and wheat increased by just 1 percent. The landed costs for soybean and wheat transported through the land route decreased by 1 and 7 percent, respectively. The landed cost for corn by the land route remain the same. Reduced landed costs resulted from the decline in the farm values. Landed costs for the water route ranged from \$177 to \$397 per mt, (see table 1 and figure 1) and \$211 to \$425 per mt (see table 1 and figure 2) for the land route. The share of the landed costs for transportation for the water route ranged from 12 to 27 percent and 23 to 42 percent for the land route (see table 1).



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Table 1. Quarterly costs of transporting U.S. grain and soybeans to Mexico, 2017

	Water route (to Veracruz)					Land route (to Guadalajara)				
	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg.	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg.
	US\$/metric ton					US\$/metric ton				
Corn										
Origin	IL					IA				
Truck	11.14	12.30	13.02	14.39	12.71	3.99	4.30	4.00	4.91	4.30
Rail ¹						85.83	85.85	85.68	87.27	86.16
Barge	15.81	13.76	17.75	19.59	16.73					
Ocean ²	14.27	12.95	12.98	14.26	13.62					
Total transportation cost	41.22	39.01	43.75	48.24	43.06	89.82	90.15	89.68	92.18	90.46
Farm price ³	138.71	138.84	132.80	128.60	134.74	133.33	132.28	128.60	125.58	129.95
Landed cost ⁴	179.93	177.85	176.55	176.84	177.79	223.15	222.43	218.28	217.76	220.41
Transport % of landed cost	22.9	21.9	24.8	27.3	24.2	40.3	40.5	41.1	42.3	41.0
Soybeans										
Origin	IL					NE				
Truck	11.14	12.30	13.02	14.39	12.71	3.99	4.30	4.00	4.91	4.30
Rail						93.68	93.71	93.53	91.23	93.04
Barge	15.81	13.76	17.75	19.59	16.73					
Ocean	14.27	12.95	12.98	14.26	13.62					
Total transportation cost	41.22	39.01	43.75	48.24	43.06	97.67	98.01	97.53	96.14	97.34
Farm price	367.31	347.11	351.27	349.07	353.69	346.74	325.06	332.65	329.10	333.39
Landed cost	408.53	386.12	395.02	397.31	396.75	444.41	423.07	430.18	425.24	430.73
Transport % of landed cost	10.1	10.1	11.1	12.1	10.9	22.0	23.2	22.7	22.6	22.6
Wheat										
Origin	KS					KS				
Truck	3.99	4.30	4.00	4.91	4.30	3.99	4.30	4.00	4.91	4.30
Rail	40.59	40.76	41.42	41.42	41.05	76.06	76.47	77.19	77.46	76.80
Ocean	14.27	12.95	12.98	14.26	13.62					
Total transportation cost	58.85	58.01	58.40	60.59	58.96	80.05	80.77	81.19	82.37	81.10
Farm price	125.54	134.36	146.36	128.97	133.81	125.54	134.36	146.36	128.97	133.81
Landed cost	184.39	192.37	204.76	189.56	192.77	205.59	215.13	227.55	211.34	214.90
Transport % of landed cost	31.9	30.2	28.5	32.0	30.6	38.9	37.5	35.7	39.0	37.8

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.

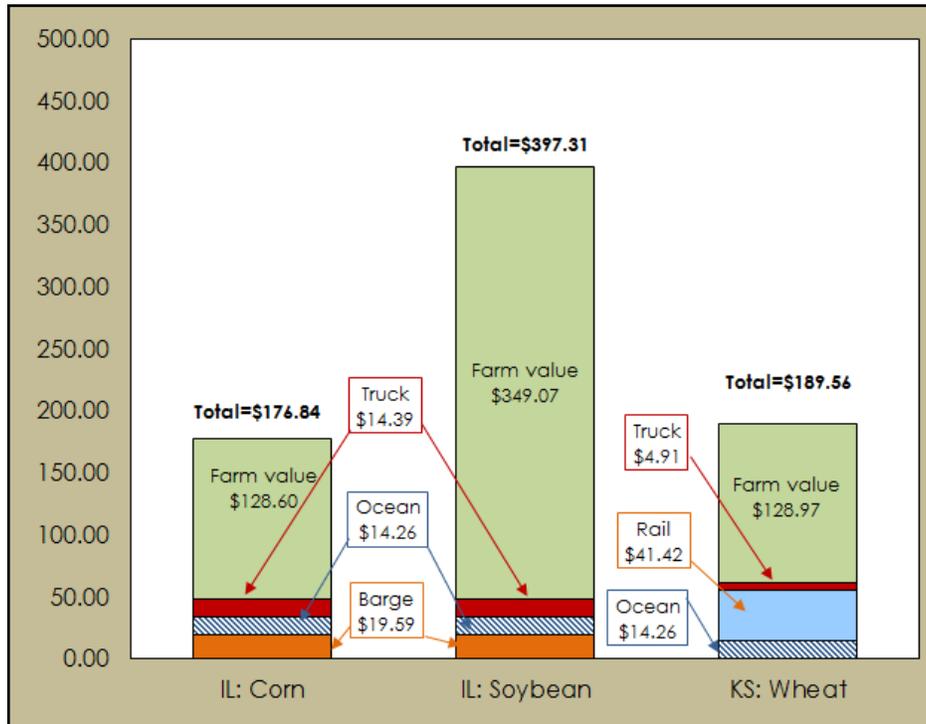
³Source: USDA/NASS

⁴Landed cost is total transportation cost plus the farm price



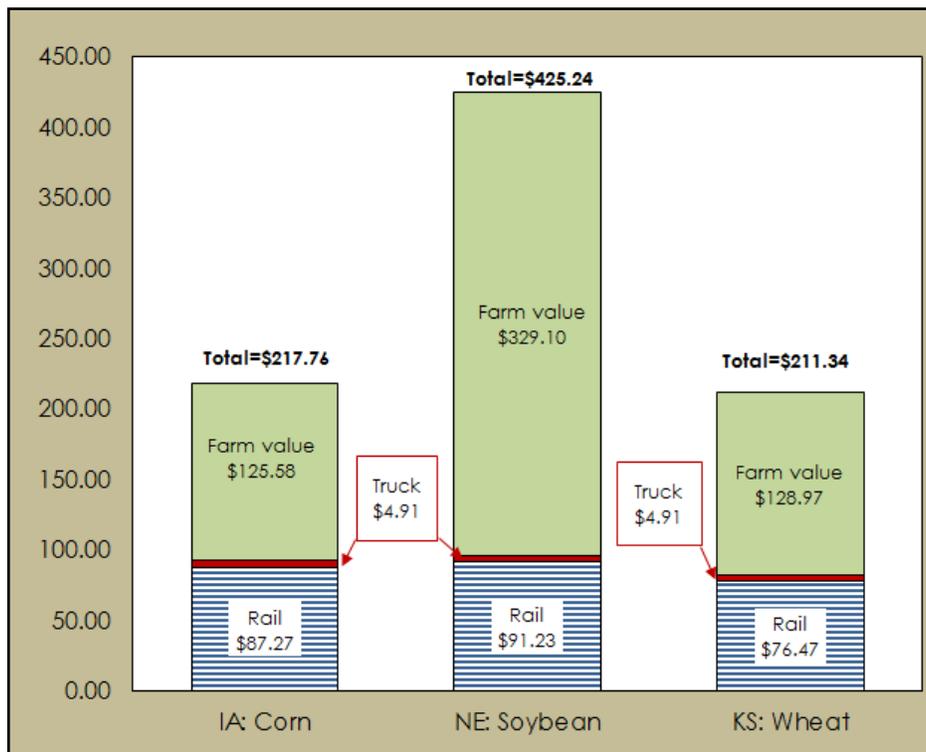
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Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA, Agricultural Marketing Service

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



Source: USDA, Agricultural Marketing Service



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Ocean Freight Rates: Ocean freight rates for shipping bulk grains to Mexico increased during the fourth quarter, compared to the previous 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 \$16.69 per mt during the quarter—10 percent more than the previous quarter, 12 percent more than the same period last year, and 3 percent above the 4-year average. The cost of shipping in a 35-40,000 ton-capacity vessel averaged \$14.26 per mt—10 percent more than the previous quarter, 8 percent more than the same period last year, and 1 percent above the 4-year average. The increase in ocean freight rates was caused by robust thermal coal and grain trade during the quarter.

Railroad: During the fourth quarter of 2017, railroads transported 31,713 carloads of grain and oilseeds to Mexico, down 15 percent from the previous quarter, up 2 percent from the fourth quarter of 2016, and up 10 percent from the prior-3-year average for the fourth quarter. Tariff rail rates per grain car averaged \$7,378, up 1 percent from both the third quarter of 2017 and the fourth quarter of 2016, but up 3 percent from the prior-3-year average. Fuel surcharges per railcar averaged \$123, up 23 percent from the previous quarter, up 96 percent from the fourth quarter 2016, and down 55 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 fourth quarter 2016, and up 1 percent from the prior-3-year average.

Fruit and Vegetables

Total reported shipments of fruits and vegetables from Mexico during the 4th quarter of 2017 were 2.3 million tons, a 4 percent increase from the same quarter last year. The sum of the top five commodities increased 4 percent from last year. Tomatoes shipments were up 9 percent and avocados shipments were up 16 percent from last year. Cucumber shipments were up 11 percent compared to the same quarter last year.

Truck rates for shipments between 501 and 1,500 miles through the Texas border crossings averaged \$2.36 per mile, 18 percent higher than last quarter, and 25 percent higher than the same quarter last year. Rates for shipments between 501 and 1,500 miles through the Arizona border crossings averaged \$2.38 per mile, down 3 percent from last quarter, but 35 percent higher than the same quarter last year.

Diesel fuel prices for border crossings through Texas averaged \$2.67 per gallon. Diesel fuel prices for border crossings through Arizona averaged \$3.06 per gallon. Truck availability was “a slight shortage” for Nogales and at the Texas border.

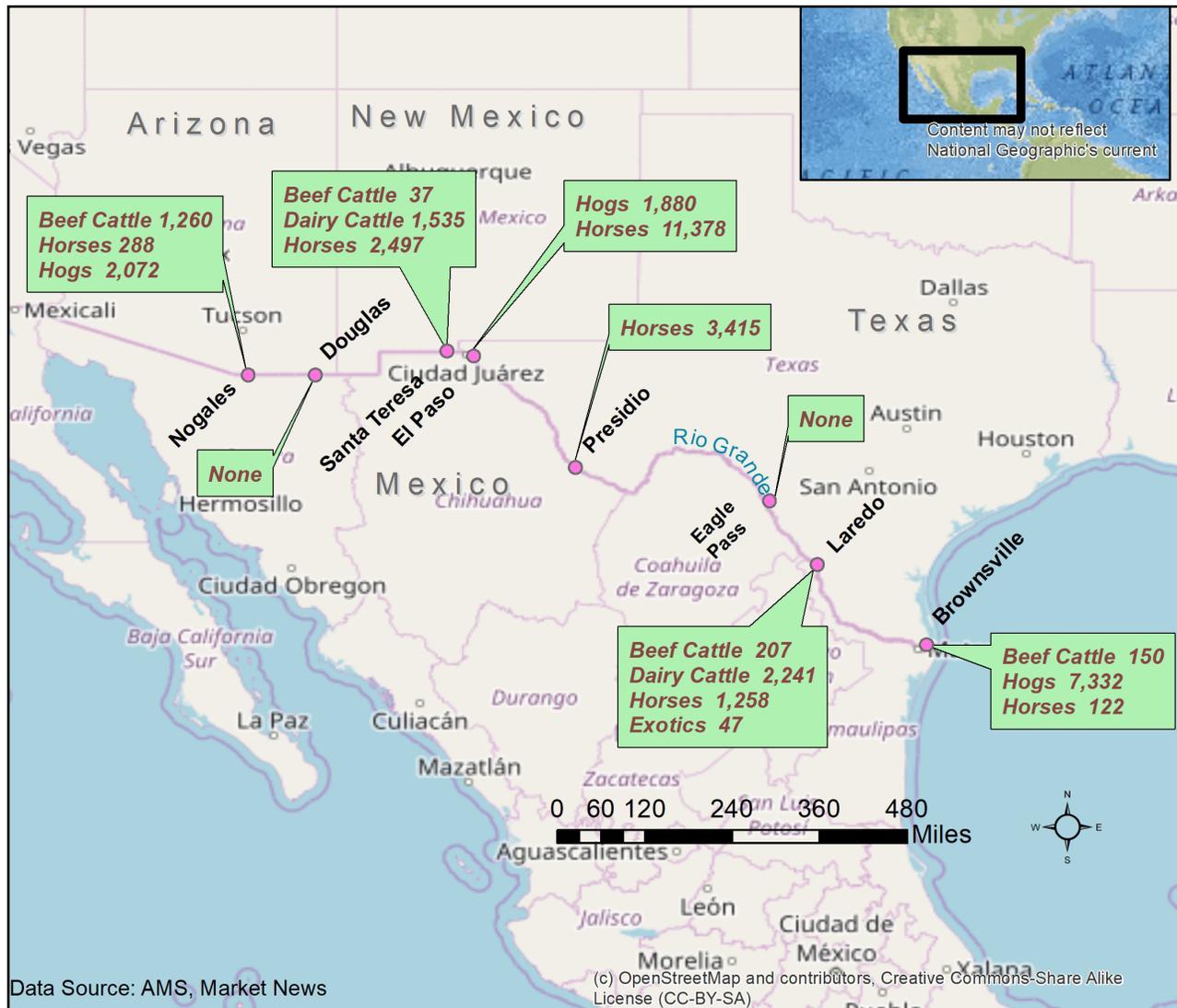


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Livestock

The U.S. exported 38,719 head of livestock to Mexico during the 4th quarter, a decrease of 12 percent from the previous quarter (43,535). Horses remain the largest livestock export to Mexico with 19,291 animals crossing the border (50 percent of the total), followed by hogs (29 percent), and dairy cattle (10 percent). Most of the animals crossed through El Paso and Presidio, TX. Figure 3 shows livestock head counts and cross border entry points to Mexico during the fourth quarter, 2017.

Figure 3. Livestock Border Crossing to Mexico during the 4th quarter 2017





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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), 2017

Commodity	Origin State	Destination	Tariff rate/car ¹					Fuel surcharge per car ²				
			1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	7,459	7,459	7,459	7,459	7,459	0	0	0	0	0
	OK	Cuautitlan, EM	6,638	6,636	6,631	6,631	6,634	60	70	63	88	70
	KS	Guadalajara, JA	7,180	7,223	7,309	7,309	7,255	265	262	246	273	261
	TX	Salinas Victoria, NL	4,258	4,269	4,292	4,292	4,278	36	42	37	54	42
Corn	IA	Guadalajara, JA	8,187	8,187	8,187	8,306	8,217	213	215	198	234	215
	SD	Celaya, GJ	7,580	7,580	7,580	7,700	7,610	0	0	0	0	0
	NE	Queretaro, QA	7,909	7,909	7,909	8,013	7,935	123	141	125	185	144
	SD	Salinas Victoria, NL	6,635	6,635	6,635	6,743	6,662	0	0	0	0	0
	MO	Tlalnepantla, EM	7,276	7,268	7,268	7,379	7,298	120	137	122	181	140
	SD	Torreon, CU	7,180	7,180	7,180	7,300	7,210	0	0	0	0	0
Soybeans	MO	Bojay (Tula), HG	8,647	8,647	8,647	8,134	8,518	225	226	209	219	220
	NE	Guadalajara, JA	8,942	8,942	8,942	8,692	8,879	227	230	212	237	226
	IA	El Castillo, JA	8,960	8,960	8,960	8,960	8,960	0	0	0	0	0
	KS	Torreon, CU	7,489	7,489	7,489	7,489	7,489	150	154	142	169	154
Sorghum	NE	Celaya, GJ	7,164	7,164	7,164	7,345	7,209	189	193	177	214	193
	KS	Queretaro, QA	7,608	7,608	7,608	7,819	7,660	75	87	78	110	88
	NE	Salinas Victoria, NL	6,213	6,213	6,213	6,452	6,272	61	70	63	88	70
	NE	Torreon, CU	6,607	6,607	6,607	6,790	6,653	136	141	129	161	142

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, 2017

			Tariff ¹ plus fuel surcharge per:									
			US\$/metric ton					US\$/bushel ²				
Commodity	Origin State	Destination	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	76.21	76.21	76.21	76.21	76.21	2.07	2.07	2.07	2.07	2.07
	OK	Cuautitlan, EM	68.44	68.51	68.39	68.65	68.50	1.86	1.86	1.86	1.87	1.86
	KS	Guadalajara, JA	76.06	76.47	77.19	77.46	76.80	2.07	2.08	2.10	2.11	2.09
	TX	Salinas Victoria, NL	43.88	44.05	44.24	44.41	44.14	1.19	1.20	1.20	1.21	1.20
Corn	IA	Guadalajara, JA	85.83	85.85	85.68	87.27	86.15	2.18	2.18	2.17	2.21	2.19
	SD	Celaya, GJ	77.45	77.45	77.45	78.68	77.76	1.97	1.97	1.97	2.00	1.97
	NE	Queretaro, QA	82.07	82.25	82.09	83.77	82.55	2.08	2.09	2.08	2.13	2.09
	SD	Salinas Victoria, NL	67.79	67.79	67.79	68.90	68.07	1.72	1.72	1.72	1.75	1.73
	MO	Tlalnepantla, EM	75.57	75.66	75.51	77.24	76.00	1.92	1.92	1.92	1.96	1.93
	SD	Torreon, CU	73.36	73.36	73.36	74.59	73.67	1.86	1.86	1.86	1.89	1.87
Soybeans	MO	Bojay (Tula), HG	90.65	90.66	90.48	85.35	89.29	2.46	2.46	2.46	2.32	2.43
	NE	Guadalajara, JA	93.68	93.71	93.53	91.23	93.04	2.55	2.55	2.54	2.48	2.53
	IA	El Castillo, JA	91.55	91.55	91.55	91.55	91.55	2.49	2.49	2.49	2.49	2.49
	KS	Torreon, CU	78.05	78.09	77.96	78.25	78.09	2.12	2.12	2.12	2.13	2.12
Sorghum	NE	Celaya, GJ	75.12	75.16	75.01	77.23	75.63	1.91	1.91	1.90	1.96	1.92
	KS	Queretaro, QA	78.50	78.62	78.53	81.02	79.17	1.99	2.00	1.99	2.06	2.01
	NE	Salinas Victoria, NL	64.10	64.19	64.12	66.82	64.81	1.63	1.63	1.63	1.70	1.64
	NE	Torreon, CU	68.89	68.95	68.83	71.01	69.42	1.75	1.75	1.75	1.80	1.76

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

*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

Source: O'Neil Commodity Consulting



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LIVESTOCK

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

Category	NM	AZ	TX	Total
Beef cattle				
Slaughter	0	1,250	0	1,250
Breeding males	37	10	374	421
Breeding females	0	0	240	240
Total beef	37	1,260	614	1,911
Hogs				
Slaughter	0	0	0	0
Breeding males	0	34	897	931
Breeding females	0	2,038	8,431	10,469
Total hogs	0	2,072	9,328	11,400
Sheep				
Slaughter lambs	0	0	0	0
Slaughter ewes	0	0	2,291	2,291
Breeding males	0	0	0	0
Breeding females	0	0	0	0
Total sheep	0	0	2,291	2,291
Dairy cattle				
Breeding males	0	0	9	9
Breeding females	1,535	0	2,232	3,767
Total dairy	1,535	0	2,241	3,776
Goats				
Angora	0	0	0	0
Spanish	0	0	0	0
Other	0	0	0	0
Total goats	0	0	0	0
Horses				
Slaughter	1,859	0	14,807	16,666
Breeding males	210	117	431	758
Breeding females	304	133	827	1,264
Geldings	124	38	302	464
Burro/mule/pony	0	0	139	139
Total horses	2,497	288	16,506	19,291
Exotics**	0	0	50	50
Grand total	4,069	3,620	31,030	38,719

*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 500 and 1,500 miles crossing the U.S.-Mexico border*

US\$/mile					
Origin/border crossing	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Average
Nogales, Arizona	1.93	1.74	1.26	1.86	1.70
Pharr, Texas	1.61	1.61	1.38	1.42	1.50
Origin/border crossing	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Average
Nogales, Arizona	1.97	2.09	1.65	1.89	1.90
Pharr, Texas	1.60	1.86	1.53	1.58	1.64
Origin/border crossing	1st qtr 2011	2nd qtr 2011	3rd qtr 2011	4th qtr 2011	Average
Nogales, Arizona	1.87	2.38	1.85	1.80	1.97
Pharr, Texas	1.84	2.12	1.77	1.87	1.90
Origin/border crossing	1st qtr 2012	2nd qtr 2012	3rd qtr 2012	4th qtr 2012	Average
Nogales, Arizona	2.00	2.57	1.84	1.92	2.08
Pharr, Texas	1.97	2.26	1.89	2.09	2.05
Origin/border crossing	1st qtr 2013	2nd qtr 2013	3rd qtr 2013	4th qtr 2013	Average
Nogales, Arizona	2.34	2.59	1.63	2.33	2.22
Pharr, Texas	2.15	2.33	2.02	2.01	2.13
Origin/border crossing	1st qtr 2014	2nd qtr 2014	3rd qtr 2014	4th qtr 2014	Average
Nogales, Arizona	2.46	2.69	1.74	2.31	2.30
Pharr, Texas	2.32	2.53	2.12	2.13	2.28
Origin/border crossing	1st qtr 2015	2nd qtr 2015	3rd qtr 2015	4th qtr 2015	Average
Nogales, Arizona	2.41	2.49	2.71	2.51	2.53
Pharr, Texas	2.26	2.23	2.50	2.27	2.32
Origin/border crossing	1st qtr 2016	2nd qtr 2016	3rd qtr 2016	4th qtr 2016	Average
Nogales, Arizona	2.31	2.43	2.53	2.65	2.48
Pharr, Texas	2.98	2.17	2.24	2.34	2.43
Origin/border crossing	1st qtr 2017	2nd qtr 2017	3rd qtr 2017	4th qtr 2017	Average
Nogales, Arizona	2.05	2.32	2.45	2.38	2.30
Pharr, Texas	2.16	2.21	2.00	2.36	2.18

*Voluntarily reported to AMS, Market News

Source: USDA, Agricultural Marketing Service (AMS), Fruit and Vegetable Programs



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

4th quarter 2017														
Legend:		1 = Surplus	2 = Slight surplus	3 = Adequate	4 = Slight shortage	5 = Shortage								
Truck availability														
Mexico border crossings/month		October					November				December			
Week		10/3	10/10	10/17	10/24	10/31	11/7	11/14	11/21	11/28	12/5	12/12	12/19	12/26
Through Nogales, AZ	Tomatoes, Grapes, Mangoes, Mixed Vegetables, Watermelons	3	3	3	3	3	3	3	5	5	5	4	5	5
Through TX	Tomatoes, Carrots, Broccoli, Mangoes, Limes, Mixed Fruits, Vegetables	3	3	4	4	5	3	5	5	5	5	4	4	4

Source: USDA, Agricultural Marketing Service, Fruit and Vegetable Programs, Market News Division, Fruit and Vegetable Truck Rate Report

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

Commodity	4th qtr 2017	Rank
Avocados	47,011	1
Cucumbers	44,297	2
Tomatoes	39,838	3
Peppers, Other	36,096	4
Squash	33,126	5
Tomatoes, Plum Type	29,690	6
Limes	28,256	7
Watermelons, Seedless	24,655	8
Peppers, Bell Type	23,035	9
Misc Tropical	15,534	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
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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10,000 lbs.					
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

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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- [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, 2017](#)
- [Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico \(US\\$/car\), 2017](#)
- [Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2017](#)
- [Table 4: Quarterly exports of U.S. Distillers' Dried Grains with Soluble \(DDGS\) to Mexico](#)
- [Table 5: Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico](#)
- [Table 6: U.S. livestock exports to Mexico by border crossing \(head\) October-December 2017](#)
- [Table 7: Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border](#)
- [Table 8: Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability](#)
- [Table 9: Top ten commodities shipped to the U.S. from Mexico \(10,000 lbs\)](#)
- [Table 10: Top five commodities shipped to the U.S. from Mexico \(10,000 lbs\)](#)

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