

Mexico Transport Cost Indicator Report

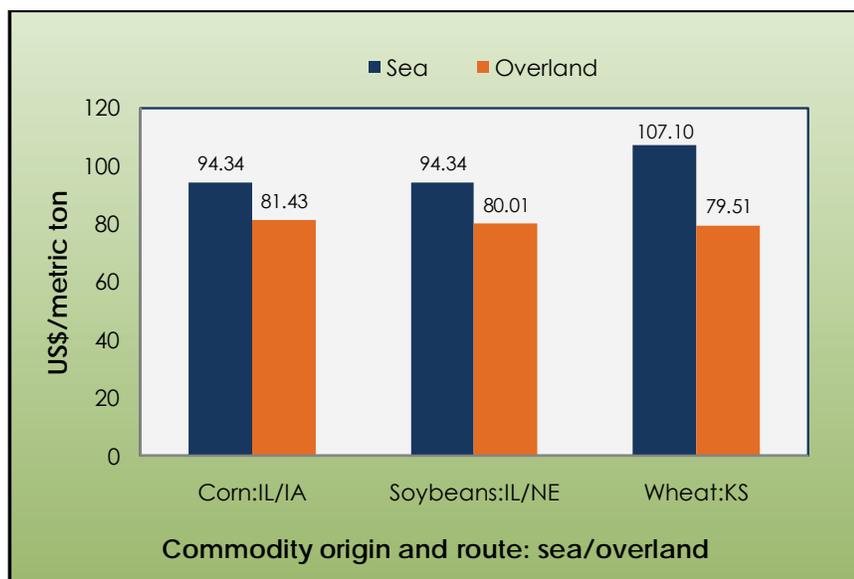


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Grain and Soybeans

- **Total Landed Cost.** The total transportation cost of shipping grains and soybeans by land and water routes from the United States to Guadalajara, Mexico, increased 14–19 percent during the 3rd quarter 2010 from the same time last year. It cost more to ship wheat to Guadalajara, especially by water, because of high ocean and barge rates (figure 1) resulting from high water levels throughout the year that increased barge operating costs. In addition, the market prepared for an early and record crop, as barges in the lower Mississippi River were used to store lower-quality corn, tightening the barge supply. Ocean rates rose more than 20 percent compared with 2009 but were still below 2008 freight levels. During this period, transportation as a percentage of the total landed cost averaged 35–39 percent for corn, 18–20 percent for soybeans, and 28–35 percent for wheat.
- **Fuel Surcharges Dominate Rail Rate Increases.** Mexican railroad fuel surcharges have increased to an average of 15.75 percent of tariff rates for September compared to 13.5 percent a year earlier. The September Mexican railroad fuel surcharge is approximately equal to \$0.25 per railcar mile, slightly higher than the U.S. fuel surcharge of \$0.229 per railcar mile. U.S. railroad fuel surcharges appear to fluctuate more with the cost of fuel than those of the Mexican railroads. Fuel surcharge increases comprised 60 percent of the year-over-year increase and 47 percent of the quarterly increase in total rail rates (tariff rate plus fuel surcharge) from the United States to selected Mexican destinations. Average total rail tariff rates for the 3rd quarter increased by 8.6 percent year-over-year. Tariff rail rates rose slightly from the previous quarter and 3.7 percent from the same time last year. Meanwhile, fuel surcharges rose 3.8 percent from the previous quarter and 80 percent from the same time last year.

Figure 1. Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, Mexico, by route, July-September, 2010



Source: Agricultural Marketing Service (AMS), United States Department of Agriculture (USDA)

November 8, 2010

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- **Bulk Ocean Freight Rates Increased but Still Moderate.** During the 3rd quarter, ocean freight rates for shipping bulk grain to Mexico increased 22–23 percent from a year earlier due to improvement in global economic condition and higher demand for bulk shipments. However, the rates remained moderate compared with the previous quarter because of increased delivery of new vessels and flat demand for bulk shipments. The rate for shipping a metric ton of grain from the United States to Mexico in a 25,000 ton carrying capacity vessel increased 23 percent from \$19.86 per metric ton (mt) a year ago to \$24.33 per mt this quarter. The rate for shipping a metric ton of grain in a vessel with a capacity of 35-40,000 metric ton increased 22 percent, from \$17.78 per mt to \$21.64 per mt.

Fruit and Vegetables

During the 3rd quarter, plum tomatoes, limes, and mangos were the top commodity shipped to the U.S. from Mexico, followed by peppers, cucumbers, avocados, papayas, and onions. Truck rates increased 5 percent compared with last year. Throughout the year, truck rates at border crossings typically reach their peak during the 3rd quarter. However, this year when compared with the 2nd quarter, rates increased slightly through Nogales, AZ, and declined 17 percent via Pharr, TX, because of a slight truck surplus.

Agricultural Containers

Agricultural Ocean Container Shipments to Mexico Decline. During the 2nd quarter, containerized agricultural exports decreased by 15 percent compared with the same time last year. Year-to-date, shipments are down 1 percent compared to the same period in 2009. Shipments of dairy products, processed grocery items and animal feed fell during the quarter. However, commodities such as fruit, vegetables, and prepared tomatoes showed significant increases. Vegetables remained the leading containerized agricultural export to Mexico. Manzanillo and Lázaro Cárdenas remain the top receiving ports, accounting for two-thirds of U.S. containerized agricultural exports during the 2nd quarter. Veracruz jumped to third place, accounting for 13 percent after receiving just 1 percent of U.S. containerized agricultural cargo during the 1st quarter.

Livestock

Live sheep and lambs are the top U.S. livestock exported to Mexico through the U.S.–Mexico border. Live exports consist of normally mature and/or culled animals ([ERS, LDP-M-196](#)). During the 3rd quarter, U.S. livestock border crossing to Mexico dropped 16 percent, from 50,133 to 42,133 heads. The majority of live animals crossed to Mexico via Texas and New Mexico. U.S. pen inspection facilities are located in Texas at El Paso, Del Rio, Eagle Pass, Laredo, and Brownsville; Santa Teresa in New Mexico; and Nogales and Douglas in Arizona ([APHIS](#)). However, since March 2010, [USDA](#) suspended activities at three livestock inspection stations in Northern Mexico because of security concerns related to drug cartel violence and concern for the safety of veterinary personnel who travel into Mexico to inspect and clear shipments of cattle destined for the United States. In May, livestock trade was rerouted to temporary locations inside the United States at the border crossing of Pharr/Hidalgo and Laredo, TX. On November 8, 2010, another temporary cattle inspection facility was opened in Eagle Pass, TX. In 2009, Texas border crossings accounted for 86 percent of U.S. livestock exported to Mexico.



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

-----2010-----										
	Water route					Land route				
	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	10.46	8.66	9.74		9.62	5.00	4.23	4.89		4.71
Rail ¹	38.84	39.86	40.09		39.60	73.61	76.25	76.54		75.47
Ocean ²	20.75	22.34	21.64		21.58					
Barge	18.08	16.17	22.87		19.04					
Total transportation cost	88.13	87.03	94.34		89.83	78.61	80.48	81.43		80.17
Farm price	139.63	135.43	148.15		141.07	144.87	136.34	145.92		142.38
Landed cost	227.76	222.46	242.49		230.90	223.48	216.82	227.35		222.55
Transport % of landed cost	38.69	39.12	38.9		38.9	35.2	37.1	35.8		36.0
Soybeans										
Origin	IL					NE				
Truck	10.46	8.66	9.74		9.62	5.00	4.23	4.89		4.71
Rail ¹	38.84	39.86	40.09		39.60	71.53	74.83	75.12		73.83
Ocean ²	20.75	22.34	21.64		21.58					
Barge	18.08	16.17	22.87		19.04					
Total transportation cost	88.13	87.03	94.34		89.83	76.53	79.06	80.01		78.53
Farm price	354.09	350.41	371.11		358.54	344.90	341.84	356.41		347.72
Landed cost	442.22	437.44	465.45		448.37	421.43	420.90	436.42		426.25
Transport % of landed cost	19.93	19.90	20.3		20.0	18.2	18.8	18.3		18.4
Wheat										
Origin	KS					KS				
Truck*	21.29	24.54	27.91		24.58	5.00	4.23	4.89		4.71
Rail ¹	38.84	39.86	40.09		39.60	68.16	72.54	74.62		71.77
Ocean ²	20.75	22.34	21.64		21.58					
Barge	11.24	9.64	17.46		12.78					
Total transportation cost	92.12	96.38	107.10		98.53	73.16	76.77	79.51		76.48
Farm price	162.53	151.02	198.91		170.82	162.53	151.02	198.91		170.82
Landed cost	254.65	247.40	306.01		269.35	235.69	227.79	278.42		247.30
Transport % of landed cost	36.18	38.96	35.0		36.7	31.0	33.7	28.6		31.1

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

²Source: O'Neil Commodity Consulting, Inc.



Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2010

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	6,262	6,291	6,429		6,327	627	721	747		698
	OK	Cuautitlan, EM	5,712	5,770	5,857		5,780	477	546	572		532
	KS	Guadalajara, JA	6,182	6,276	6,436		6,298	489	823	867		726
	TX	Salinas Victoria, NL	3,139	3,200	3,292		3,210	155	176	184		172
Corn	IA	Guadalajara, JA	6,637	6,670	6,670		6,659	568	792	820		727
	SD	Penjamo, GJ	6,440	6,440	6,440		6,440	821	925	954		900
	NE	Queretaro, QA	6,150	6,130	6,130		6,137	461	523	549		511
	SD	Salinas Victoria, NL	4,570	4,570	4,570		4,570	624	677	698		666
	MO	Tlalnepantla, EM	5,340	5,318	5,318		5,325	449	509	535		498
	SD	Torreon, CU	5,330	5,330	5,330		5,330	687	762	786		745
Soybeans	MO	Bojay (Tula), HG	5,994	6,049	6,066		6,036	488	704	730		641
	NE	Guadalajara, JA	6,442	6,550	6,550		6,514	559	774	802		712
	IA	Penjamo (Celaya), GJ	6,590	6,657	6,690		6,646	815	934	966		905
	KS	Torreon, CU	5,180	5,238	5,255		5,224	368	521	541		476
Sorghum	OK	Cuautitlan, EM	4,349	4,339	4,339		4,342	623	676	697		665
	TX	Guadalajara, JA	5,283	5,350	5,350		5,328	534	735	758		676
	NE	Penjamo, GJ	6,395	6,395	6,395		6,395	511	727	753		664
	KS	Queretaro, QA	5,423	5,398	5,398		5,406	356	402	418		392
	NE	Salinas Victoria, NL	4,319	4,282	4,282		4,294	372	416	432		407
	NE	Torreon, CU	5,240	5,240	5,240		5,240	421	553	574		516

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.

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



Table 3. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico, 2010

Commodity	Origin state	Destination	US\$/metric ton				US\$/bushel ²					
			1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
Wheat	MT	Chihuahua, CI	70.39	71.65	73.32		71.79	1.91	1.95	1.99		1.95
	OK	Cuautitlan, EM	63.24	64.53	65.68		64.48	1.72	1.75	1.79		1.75
	KS	Guadalajara, JA	68.16	72.54	74.62		71.77	1.85	1.97	2.03		1.95
	TX	Salinas Victoria, NL	33.66	34.49	35.51		34.55	0.92	0.94	0.97		0.94
Corn	IA	Guadalajara, JA	73.61	76.25	76.54		75.47	1.87	1.93	1.94		1.91
	SD	Penjamo, GJ	74.19	75.25	75.55		75.00	1.88	1.91	1.92		1.90
	NE	Queretaro, QA	67.55	67.97	68.25		67.93	1.71	1.72	1.73		1.72
	SD	Salinas Victoria, NL	53.07	53.61	53.83		53.50	1.35	1.36	1.37		1.36
	MO	Tlalnepantla, EM	59.15	59.53	59.80		59.49	1.50	1.51	1.52		1.51
	SD	Torreon, CU	61.48	62.25	62.50		62.08	1.56	1.58	1.59		1.58
Soybeans	MO	Bojay (Tula), HG	66.23	69.00	69.44		67.62	1.80	1.88	1.89		1.84
	NE	Guadalajara, JA	71.53	74.83	75.12		73.18	1.94	2.03	2.04		1.99
	IA	Penjamo (Celaya), GJ	75.67	77.56	78.22		76.61	2.06	2.11	2.13		2.08
	KS	Torreon, CU	56.68	58.84	59.22		57.76	1.54	1.60	1.61		1.57
Sorghum	OK	Cuautitlan, EM	50.80	51.24	51.46		51.17	1.29	1.30	1.31		1.30
	TX	Guadalajara, JA	59.44	62.17	62.41		61.34	1.51	1.58	1.58		1.56
	NE	Penjamo, GJ	70.57	72.77	73.03		72.12	1.79	1.85	1.85		1.83
	KS	Queretaro, QA	59.04	59.26	59.43		59.24	1.50	1.50	1.51		1.50
	NE	Salinas Victoria, NL	47.93	48.00	48.17		48.03	1.22	1.22	1.22		1.22
	NE	Torreon, CU	57.84	59.19	59.40		58.81	1.47	1.50	1.51		1.49

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.

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



Table 4. Quarterly tariff rail rates for U.S. Distillers' Dried Grains with Soluble (DDGS) shipments to the Mexico border (US\$/car), 2010

Origin state	Destination	Tariff rate/car ¹					Fuel surcharge per car				
		1st qtr	2nd qtr	3rd qtr	4th qtr	Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	Avg
IA	Eagle Pass, TX	3,700	3,700	3,700		3,700	482	523	539		514
MN		4,000	4,100	4,300		4,133	667	723	746		712
NE		3,700	3,700	3,700		3,700	454	492	508		485
SD		4,000	4,017	4,050		4,022	570	618	638		609
IA	El Paso, TX	3,620	3,620	3,620		3,620	443	480	496		473
MN		3,920	4,020	4,220		4,053	631	685	707		674
NE		3,620	3,620	3,620		3,620	385	436	450		424
SD		3,920	3,937	3,970		3,942	513	563	580		552

¹Rates are based upon published tariff rates for unit trains. Unit trains are available for qualified shipments of 80-100 cars.
Source: www.bnsf.com

Table 5. 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
2007	164	170	184	190	708
2008	247	284	332	325	1,188
2009	316	377	371	395	1,459
2010	439	399			838

*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

Table 6. Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)

Vessel capacity (metric ton)	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Average
25,000	30.79	36.77	31.55	14.08	28.3
35-40,000	26.7	33.3	28.3	11.58	24.97
Vessel capacity (metric ton)	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Average
25,000	13.58	17.53	19.86	22.65	18.41
35-40,000	11.46	15.46	17.78	20.22	16.23
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		23.73
35-40,000	20.75	22.34	21.64		21.58

Source: O'Neil Commodity Consulting



Table 7. U.S. livestock exports to Mexico by border crossings*, July-September, 2010 (head)

Category					
Border Crossing	TX	NM	AZ	CA	Total
Beef cattle					
Slaughter	0	0	0	0	0
Breeding males	91	6	88	0	185
Breeding females	335	43	65	0	443
Total beef	426	49	153	0	628
Hogs					
Slaughter	0	0	0	0	0
Breeding males	321	0	0	0	321
Breeding females	796	0	378	0	1,174
Total hogs	1,117	0	378	0	1,495
Sheep					
Slaughter lambs	0	0	0	0	0
Slaughter ewes	21473	0	0	0	21,473
Breeding males	59	0	0	0	59
Breeding females	0	0	0	0	0
Total sheep	21532	0	0	0	21,532
Dairy cattle					
Breeding males	0	0	0	0	0
Breeding females	1,520	1,331	229	0	3,080
Total dairy	1,520	1,331	229	0	3,080
Goats					
Angora	0	0	0	0	0
Spanish	270	0	0	0	270
Other	0	0	0	0	0
Total goats	270	0	0	0	270
Horses					
Slaughter	10,760	2,152	0	0	12,912
Breeding males	466	260	75	0	801
Breeding females	665	330	84	0	1,079
Geldings	91	74	22	0	187
Burro/mule/pony	24	0	5	0	29
Total horses	12,006	2,816	186	0	15,008
Exotics**	148	0	0	0	148
Grand total	37,019	4,196	946	0	42,161

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



Table 8. Quarterly U.S. livestock exports to Mexico through Texas border crossing* (head)

Category	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0	0	0		0
Breeding males	128	207	91		426
Breeding females	137	158	335		630
Total beef	265	365	426		1,056
Hogs					
Slaughter	0	0	0		0
Breeding males	400	134	321		855
Breeding females	1,383	640	796		2,819
Total hogs	1,783	774	1,117		3,674
Sheep					
Slaughter lambs	0	0	0		0
Slaughter ewes	21,360	25,871	21,473		68,704
Breeding males	0	0	59		59
Breeding females	0	0	0		0
Total sheep	21,360	25,871	21,532		68,763
Dairy cattle					
Breeding males	14	25	0		39
Breeding females	3,862	2,678	1,520		8,060
Total dairy	3,876	2,703	1,520		8,099
Goats					
Angora	0	0	0		0
Spanish	375	60	270		705
Other	0	0	0		0
Total goats	375	60	270		705
Horses					
Slaughter	9,028	11,090	10,760		30,878
Breeding males	559	371	466		1,396
Breeding females	859	679	665		2,203
Geldings	150	145	91		386
Burro/mule/pony	25	29	24		78
Total horses	10,621	12,314	12,006		34,941
Exotics**	274	170	148		592
Grand total	38,554	42,257	37,019		117,830

*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



Table 9. Quarterly U.S. livestock exports to Mexico through New Mexico border crossing* (head)

Category	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0	0	0		0
Breeding males	38	58	0		96
Breeding females	0	7	0		7
Total beef	38	65	0		103
Hogs					
Slaughter	0	0	0		0
Breeding males	0	0	0		0
Breeding females	0	0	0		0
Total hogs	0	0	0		0
Sheep					
Slaughter lambs	0	0	0		0
Slaughter ewes	0	0	0		0
Breeding males	0	0	0		0
Breeding females	0	0	0		0
Total sheep	0	0	0		0
Dairy cattle					
Breeding males	0	4	0		4
Breeding females	4,658	2,720	1,331		8,709
Total dairy	4,658	2,724	1,331		8,713
Goats					
Angora	0	0	0		0
Spanish	0	0	0		0
Other	0	0	0		0
Total goats	0	0	0		0
Horses					
Slaughter	2,141	1,349	2,152		5,642
Breeding males	210	314	260		784
Breeding females	297	457	330		1,084
Geldings	104	149	74		327
Burro/mule/pony	0	0	0		0
Total horses	2,752	2,269	2,816		7,837
Exotics**	0	600	0		600
Grand total	7,448	5,658	4,196		17,302

*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



Table 10. Quarterly U.S. livestock exports to Mexico through Arizona border crossing* (head)

Category	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0	0	0		0
Breeding males	34	35	88		157
Breeding females	16	27	65		108
Total beef	50	62	153		265
Hogs					
Slaughter	0	0	0		0
Breeding males	0	0	0		0
Breeding females	403	182	378		963
Total hogs	403	182	378		963
Sheep					
Slaughter lambs	0	0	0		0
Slaughter ewes	0	0	0		0
Breeding males	0	0	0		0
Breeding females	0	0	0		0
Total sheep	0	0	0		0
Dairy cattle					
Breeding males	0	0	0		0
Breeding females	39	0	229		268
Total dairy	39	0	229		268
Goats					
Angora	0	0	0		0
Spanish	0	0	0		0
Other	0	0	0		0
Total goats	0	0	0		0
Horses					
Slaughter	0	0	0		0
Breeding males	73	138	75		286
Breeding females	98	148	84		330
Geldings	19	23	22		64
Burro/mule/pony	0	0	5		5
Total horses	190	309	186		685
Exotics**	0	0	0		0
Grand total	682	553	946		2,181

*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



Table 11. Fruit and vegetable truck rates for selected U.S.-Mexico border crossing* (US\$/mile)

Origin/border crossing	1st qtr 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Average
Nogales, Arizona	1.70	1.77	2.22	1.78	1.87
Pharr, Texas	1.75	1.80	1.64	1.63	1.71
Origin/border crossing	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Average
Nogales, Arizona	1.90	1.89	2.05	2.00	1.96
Pharr, Texas	1.65	1.83	1.86	1.74	1.77
Origin/border crossing	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Average
Nogales, Arizona	1.96	2.24	2.80	1.97	2.24
Pharr, Texas	1.93	2.19	2.12	1.87	2.03
Origin/border crossing	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Average
Nogales, Arizona	1.72	2.01	2.15	1.79	1.92
Pharr, Texas	1.70	1.71	1.59	1.58	1.65
Origin/border crossing	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Average
Nogales, Arizona	1.97	2.25	2.26		
Pharr, Texas	1.70	2.02	1.67		

*Voluntarily reported to AMS, Market News
 Source: Agricultural Marketing Service (AMS), Fruit and Vegetable Programs



Table 12. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 3rd quarter, 2010

Legend:		Truck availability														
1 = Surplus		2 = Slight Surplus														
3 = Adequate		4 = Slight Shortage														
5 = Shortage																
Mexico border crossings/month		July				August				September						
Week		7/6	7/13	7/20	7/27	8/3	8/10	8/17	8/24	8/31	9/7	9/14	9/21	9/28		
Through Pharr, TX	Citrus, Mixed Fruit & Vegetables	3	3	3	1	1	3	3	3	1	1	3	1	1		
	Mangoes	3	3	3	1	1	3	3	3	1	1	3				
	Avocados	3	3	3	1	1	3	3								
Through Nogales, AZ	Mangoes	3	3	2	2											
	Grapes	3	3													

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



Table 13. Top ten commodities shipped to the U.S. From Mexico (10,000 lbs)

Commodity	3rd qtr 2010	Rank
Tomatoes	34,226	1
Limes	25,329	2
Mangoes	23,025	3
Peppers	18,481	4
Cucumbers	9,314	5
Avocadoes	8,696	6
Papaya	6,790	7
Onions	6,649	8
Bananas	4,691	9
Okra	3,847	10



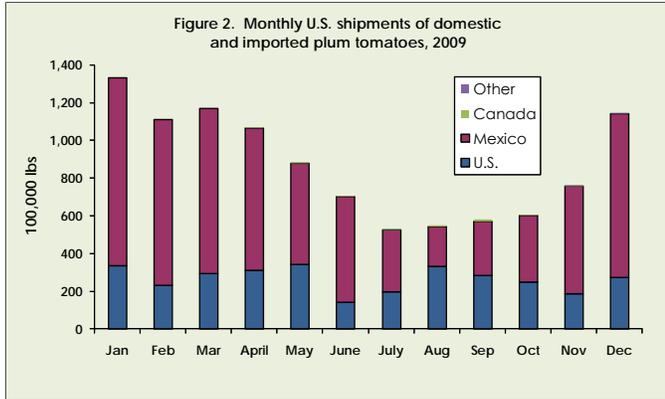
Table 14. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

Commodity	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Total 2007
Tomatoes, Plum	81,569	49,510	16,541	26,462	174,082
Peppers	39,988	21,882	16,609	30,259	108,738
Watermelon, Seedless	19,736	60,559	306	18,214	98,815
Limes	15,931	20,420	21,860	19,090	77,301
Cucumbers	31,681	17,622	4,709	22,438	76,450
Other	151,494	159,783	77,029	108,830	497,136
Subtotal border crossing	188,905	169,993	60,025	116,463	535,386
Total quarterly	340,399	329,776	137,054	225,293	1,032,522
Commodity	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total 2008
Tomatoes, Plum	66,049	53,659	15,156	26,271	161,135
Peppers	43,219	38,961	17,356	27,565	127,101
Watermelon, Seedless	26,601	73,261	2,202	18,531	120,595
Limes	15,557	26,505	20,834	18,705	81,601
Cucumbers	31,017	29,092	5,415	21,587	87,111
Other	156,348	207,080	74,194	113,146	550,768
Subtotal border crossing	182,443	221,478	60,963	112,659	577,543
Total quarterly	338,791	428,558	135,157	225,805	1,128,311
Commodity	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total 2009
Tomatoes, Plum	62,337	64,976	21,173	44,530	193,016
Peppers	43,303	23,396	21,903	33,946	122,548
Watermelon, Seedless	21,643	64,976	1,949	21,428	109,996
Limes	17,499	21,253	23,706	19,829	82,287
Cucumbers	32,819	20,464	8,059	29,719	91,061
Other	181,069	143,027	80,567	129,714	534,377
Subtotal border crossing	177,601	195,065	76,790	149,452	598,908
Total quarterly	358,670	338,092	157,357	279,166	1,133,285
Commodity	1st qtr 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total 2010
Tomatoes, Plum	113,379	77,048	34,226		224,653
Peppers	52,381	29,135	18,481		99,997
Cucumbers	39,925	23,695	9,314		72,934
Squash	24,242	12,827	2,852		39,921
Avocados	20,065	15,120	8,696		43,881
Other	178,749	264,046	116,397		559,192
Subtotal border crossing	249,992	157,825	73,569		481,386
Total quarterly	428,741	421,871	189,966		1,040,578

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

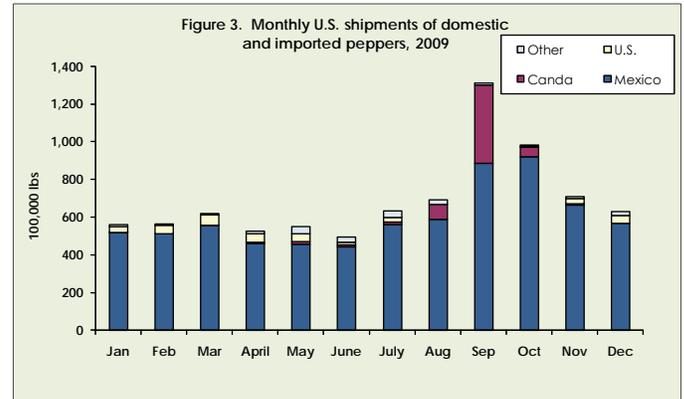


Figure 2. Monthly U.S. shipments of domestic and imported plum tomatoes, 2009



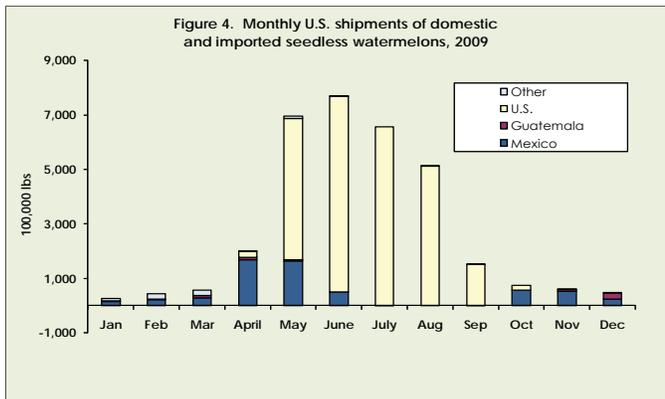
Source: Agricultural Marketing Service (AMS), USDA

Figure 3. Monthly U.S. shipments of domestic and imported peppers, 2009



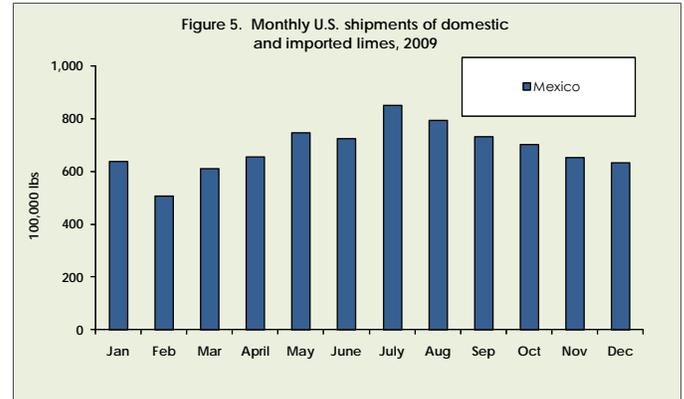
Source: Agricultural Marketing Service (AMS), USDA

Figure 4. Monthly U.S. shipments of domestic and imported seedless watermelons, 2009



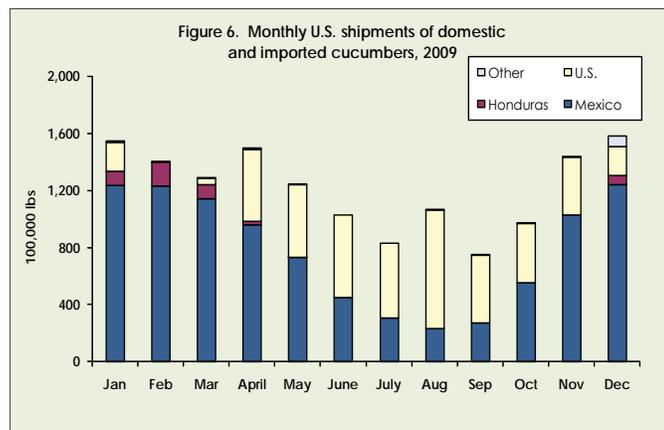
Source: Agricultural Marketing Service (AMS), USDA

Figure 5. Monthly U.S. shipments of domestic and imported limes, 2009



Source: Agricultural Marketing Service (AMS), USDA

Figure 6. Monthly U.S. shipments of domestic and imported cucumbers, 2009



Source: Agricultural Marketing Service (AMS), USDA



Container Shipments

Table 15. Top ten U.S. containerized agricultural exports to Mexico*, 2010

1st qtr	Commodity	Quantity (mt)	# of TEUs**	Percentage share	Rank
	Vegetables	4,929	276	32	1
	Dairy products	2,410	165	16	2
	Tobacco	1,649	156	11	3
	Grocery Items	913	85	6	4
	Beer and ale	744	72	5	5
	Fruit	691	64	5	6
	Cheese	681	92	4	7
	Frozen fish	508	30	3	8
	Liquor, brandy, and spirits	490	65	3	9
	Tomatoes, prepared	279	33	2	10
Subtotal		13,294	1,038	87	
Other		2,002	181	13	
Total Exports		15,296	1,219	100	
2nd qtr	Commodity	Quantity (mt)	# of TEUs**	Percentage share	Rank
	Vegetables	4,063	236	23	1
	Dairy products	2,477	159	14	2
	Fruit	1,959	171	11	3
	Coffee	1,933	120	11	4
	Tomatoes, processed	1,533	114	9	5
	Dextrose, glucose	1,146	48	6	6
	Grocery items	745	89	4	7
	Animal feed	362	19	2	8
	Tea	346	28	2	9
	Bulbs and seeds	334	31	2	10
Subtotal		14,899	1,015	83	
Other		3,093	319	17	
Total Exports		17,992	1,334	100	
3rd qtr	Commodity	Quantity (mt)	# of TEUs**	Percentage share	Rank
Subtotal					
Other					
Total Exports					
4th qtr	Commodity	Quantity (mt)	# of TEUs**	Percentage share	Rank
Subtotal					
Other					
Total Exports					

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data

**Twenty Foot Equivalent Unit (TEU) is a 20-foot shipping container

Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009



Table 16. Top five U.S. bulk agricultural exports to Mexico*, 2010 (2nd quarter)

Commodity	Quantity (mt)	Percentage share	Rank
Bulk grain	969,343	50	1
Grain products, flour, and cereal	407,502	21	2
Soybeans	397,044	20	3
Rice, crackers, and pasta	115,630	6	4
Grocery items	38,510	2	5
Subtotal	1,928,029	99	
Other	20,132	1	
Total Exports	1,948,161	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data
 Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2010

Table 17. Top ten U.S. agricultural container exports to Mexico*, 2009

Commodity	# of TEUs**	Percentage share	Rank
Dairy products	1,075	18	1
Fruit	699	12	2
Vegetables	623	11	3
Tobacco	615	10	4
Grocery items	401	7	5
Tomatoes, prepared	330	6	6
Beer and ale	276	5	7
Nuts	230	4	8
Cocoa butter	224	4	9
Frozen fish	130	2	10
Subtotal	4,602	78	
Other	1,273	22	
Total Exports	5,875	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data
 **Twenty Foot Equivalent Unit (TEU) is a 20-foot shipping container
 Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009



Table 18. Top three Mexican bulk agricultural exports to the U.S.* , 2009

Commodity	Quantity (mt)	Percentage share	Rank
Sugars	654,691	64	1
Beer and ale	308,486	30	2
Molasses and treacle	52,047	5	3
Subtotal	1,015,223	99	
Other	6,068	1	
Total Exports	1,021,291	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data
 Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009

Table 19. Top ten Mexican agricultural container exports to the U.S.* , 2009

Commodity	# of TEUs**	Percentage share	Rank
Beer and ale	5,890	27	1
Coffee	3,157	14	2
Vegetables	2,530	11	3
Wine	1,838	8	4
Liquor, brandy, and spirits	1,585	7	5
Sardines	1,455	7	6
Frozen fish	844	4	7
Fruit	842	4	8
Meat	730	3	9
Cassava flour, strach, tapioca	287	1	10
Subtotal	19,159	86	
Other	3051	14	
Total Exports	22,210	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data

**Twenty Foot Equivalent Unit (TEU) is a 20-foot shipping container

Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009



Table 20. U.S. agricultural container shipments to Mexico by port*, 2009

U.S. region**	Mexican port	Number of TEUs***
U.S. Gulf	Manzanillo	2
Pacific Northwest		690
West Coast		1520
East Coast		67
TOTAL		2,279
U.S. Gulf	Lazaro Cardenas	-
Pacific Northwest		325
West Coast		1199
East Coast		-
TOTAL		1,524
U.S. Gulf	Altamira	-
Pacific Northwest		-
West Coast		-
East Coast		655
TOTAL		655
U.S. Gulf	Puerto Morales	-
Pacific Northwest		-
West Coast		-
East Coast		356
TOTAL		356
U.S. Gulf	Veracruz	47
Pacific Northwest		-
West Coast		1
East Coast		257
TOTAL		305

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data

**U.S. Gulf includes Houston, New Orleans, Port Everglades

Pacific Northwest includes Seattle, Portland

West Coast includes Oakland, Long Beach, Los Angeles

East Coast includes New York, Baltimore, Norfolk, Charleston, Savannah, Jacksonville, West Palm Beach, Miami

*** Twenty Foot Equivalent Unit (TEU) is a 20-foot shipping container

Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009



Table 21. U.S. agricultural container exports to Mexico by port*, 2009

Mexican port	# of TEUs**	Percentage share	Rank
Manzanillo	2,279	39	1
Lazaro Cardenas	1,524	26	2
Altamira	655	11	3
Puerto Morales	356	6	4
Veracruz	305	5	5
Subtotal	5,119	87	
Other	756	13	
Total Exports	5,875	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data

** Twenty Foot Equivalent Unit (TEU) is a 20-foot shipping container

Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009

Table 22. U.S. bulk agricultural exports to Mexico by receiving port*, 2009

Mexican port	Quantity (mt)	Percentage share	Rank
Veracruz	5,123,239	70	1
Progreso	971,154	13	2
Coatzacoalcos	570,542	8	3
Tuxpan	406,050	6	4
Subtotal	7,236,520	97	
Other	200,534	3	
Total Exports	7,271,520	100	

*PIERS data will not necessarily sum to the total U.S. Dept. of Commerce, Bureau of Census data

Source: Port Import Export Reporting Services (PIERS), Journal of Commerce, 2009



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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:

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- ◆ Figure 2: Monthly U.S. shipments of domestic and imported plum tomatoes, 2009
- ◆ Figure 3: Monthly U.S. shipments of domestic and imported peppers, 2009
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- ◆ Table 7: Quarterly U.S. livestock exports to Mexico by border crossings, July-September, 2010 (head)
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