

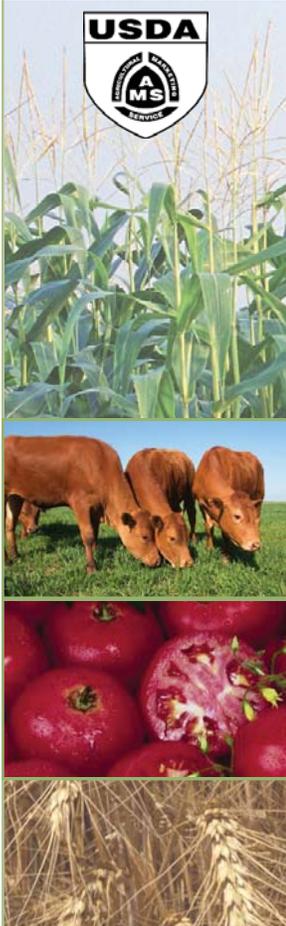
Mexico Transport Cost Indicator Report



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Grains and Soybeans

- **Total Landed Cost.** During the first three months of the year, it cost more to ship U.S. corn, soybeans, and wheat to Guadalajara by sea than overland (rail and truck). Transportation costs represented 25–33 percent of the total landed cost of shipping a metric ton of U.S. corn and wheat to Guadalajara. However, transportation accounted for only 18 percent of the total landed cost of shipping soybeans due to its high farm value compared with corn and wheat. Total landed cost is the farm value plus transportation cost excluding handling cost.
- **Rail: The Overall Cost of Shipping to Selected Mexican Destinations 9 Percent Lower Than 2008.** For the 1st quarter of 2009, the average overall cost (tariff rate plus fuel surcharge) of shipping to selected Mexican destinations was 9 percent lower than the 2008 average due to lower fuel surcharge levels levied by railroads. The fuel surcharge declines were a result of the recession's impact on fuel demand. During the 1st quarter, tariff rates declined less than 1 percent, but fuel surcharges fell over 58 percent from the 2008 average. The lower shipping costs did little to increase demand and overtake the recession's impact on grain transported by rail, as carloads received and originated dropped in the 1st quarter compared with the 4th quarter of 2008. According to the Association of American Railroads, grain carloads received by Mexican railroads Kansas City Southern de México, and Ferrocarril Mexicano, were down over 35 percent at 20,211 carloads compared to the 4th quarter 2008. Carloads originated by Mexican railroads were down 10 percent with 15,309 carloads.



June 10, 2009

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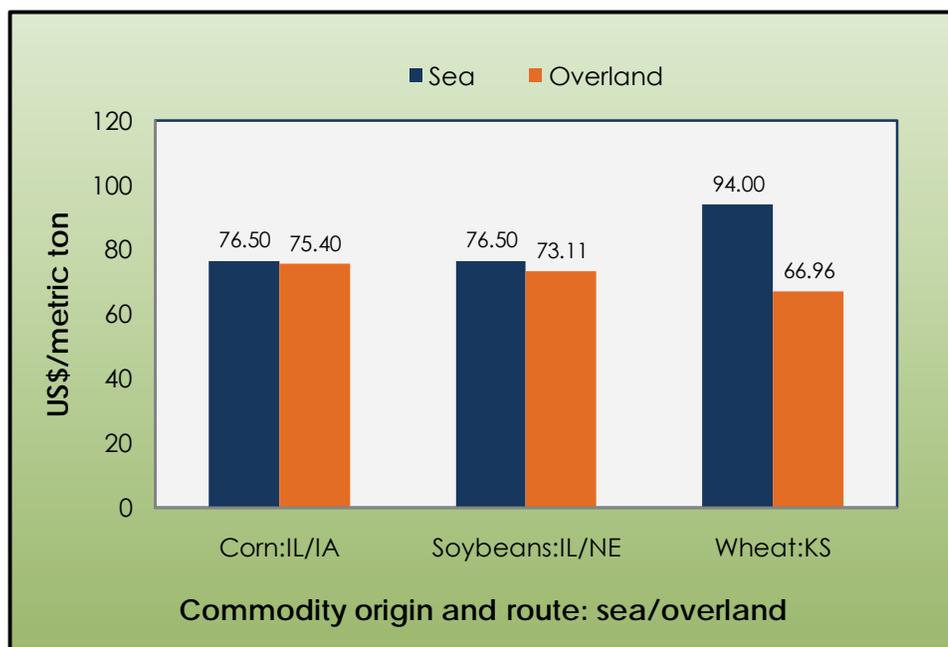
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Figure 1. Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, by route, January-March 2009



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



- **Ocean:** Ocean rates for shipping grain from the United States to Mexico during the 1st quarter of 2009 declined significantly compared to the same period a year ago. The decline in the ocean rates was mainly due to the supply of bulk vessels outpacing the demand. As global economic meltdown has reduced the demand for bulk shipments worldwide, more newly built vessels are scheduled to be delivered between now and 2014. The rates for shipping grain in a 35-40,000 ton capacity vessel averaged \$11.46 per metric ton—down 57 percent from a year earlier. The rates for shipping in a 25,000 ton capacity vessel averaged \$13.58—down 56 percent from the same period last year.

Fruit and Vegetables: Although total volumes during 1st quarter 2009 increased 6 percent from the same quarter last year, the top 5 commodities shipped declined 2 percent compared to the same quarter last year. Following the normal seasonal trend, volumes were up 59 percent compared to the last quarter. Watermelon shipments totaled 216 million pounds, a decline of 19 percent compared to the same quarter last year. Disease and drought, increasing input costs, and the declining economy caused a drop in watermelon shipments (*The Packer*, crops and markets reporting). However, cucumber shipments from Mexico increased 6 percent compared to the same period last year, in response to a decline in volume from Honduras and Florida due to weather conditions. Volumes for pepper shipments remained unchanged from last year.

- Truck rates for border crossings through Texas averaged \$1.70 per mile, 9 percent below last quarter and 12 percent below the same quarter last year. Rates for crossings through Arizona averaged \$1.72 per mile, 12 percent below last quarter and 13 percent below the same quarter last year, due to a decline in diesel fuel prices. For instance, diesel fuel prices for border crossings through Arizona averaged \$2.25, 22 percent below last quarter and 38 percent below the same quarter last year. Diesel fuel prices for border crossings through Texas averaged \$2.13 per gallon, 26 percent below last quarter and 39 percent below the same quarter last year. Truck availability was at a slight surplus during the quarter.

Agricultural Container Shipments to Mexico Increased: During the first 3 months of the year, the total number of Twenty Foot Equivalent Units (TEU) increased to 1,119 TEUs, over 100 containers more than the same period in 2008. Container movements to Mexico vary by season from year to year. During the 1st quarter of the year, dairy products were the top containerized exports commodity to Mexico followed by tobacco and grocery items. Dairy products increased market share from 12 to 14 percent from the same period a year earlier. Tobacco moved from number 5 in 2008 to number 2 in 2009, increasing its market share from 5 percent to 11 percent for the quarter. Beer and ale were the number one exported category for the 4th quarter 2008, but dropped to number eight, showing the seasonality of the Mexican market.

Livestock

- **U.S. Livestock Exports Down.** During the first 3 months of the year, U.S. hog and cattle exports plummeted from a year earlier. Hog exports dropped from 57,411 to 833 heads, a decrease of almost 99 percent, and cattle exports declined 92 percent, from 27,623 to 2,129 head. This reduction is most likely due to the depreciation of the Mexican peso against the U.S. dollar and a decline in the Mexican economy which contracted by 21.5 percent from a year earlier (*The Wall Street Journal*, 5/21/09). During the 1st quarter, the Mexican peso lost 33 percent of its value against the U.S. dollar, from 10.80 to 14.38 pesos per U.S. dollar in the same period a year ago. The slowing economy affects the Mexican's consumer confidence, according to Euromonitor. Mexico's consumer confidence index decreased to 81.9 in January 2009 from 103.5 in January 2008 (FAS/Gain Report #MX9314).
- **Livestock Imports Up.** On the other hand, after several years of 1st quarter decreases, U.S. cattle imports from Mexico increased 39 percent, from 171,725 to 238,828 head.



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

	-----2009-----									
	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	8.17					4.41				
Rail ¹	36.95					70.99				
Ocean ²	11.46									
Barge	19.92									
Total transportation cost	76.50					75.40				
Farm value	155.24					162.72				
Landed cost	231.74					238.12				
Transport % of landed cost	33.0					31.7				
Soybeans										
Origin	IL					NE				
Truck	8.17					4.41				4.7
Rail ¹	36.95					68.7				79.2
Ocean ²	11.46									
Barge	19.92									
Total transportation cost	76.50					73.11				84.0
Farm value	356.78					338.78				416.2
Landed cost	433.28					411.89				500.2
Transport % of landed cost	17.7					17.7				16.9
Wheat										
Origin	KS					KS				
Truck	32.27					3.68				
Rail ¹	36.95					63.28				
Ocean ²	11.46									
Barge	13.32									
Total transportation cost	94.00					66.96				
Farm value	199.15					199.15				
Landed cost	293.15					266.11				
Transport % of landed cost	32.1					25.2				

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)

			-----2009-----									
			Tariff rate/car ¹				Fuel surcharge per car ²					
Commodity	Origin state	Destination	2008 Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	2008 Avg	1st qtr	2nd qtr	3rd qtr	4th qtr
Wheat	MT	Chihuahua, CI	5,740	5,896				1,084	525			
	OK	Cuautitlan, EM	5,149	5,355				913	372			
	KS	Guadalajara, JA	5,668	5,825				956	374			
	TX	Salinas Victoria, NL	2,934	2,978				330	113			
Corn	IA	Guadalajara, JA	6,698	6,512				1,106	436			
	SD	Penjamo, GJ	6,578	6,400				1,419	687			
	NE	Queretaro, QA	6,056	6,167				990	325			
	SD	Salinas Victoria, NL	4,625	4,740				1,078	522			
	MO	Tlalnepantla, EM	5,396	5,364				963	316			
	SD	Torreon, CU	5,510	5,377				1,188	576			
Soybeans	MO	Bojay (Tula), HG	6,140	5,881				956	373			
	NE	Guadalajara, JA	6,659	6,297				1,097	427			
	IA	Penjamo (Celaya), GJ	6,512	6,150				1,410	683			
	KS	Torreon, CU	5,280	5,077				735	276			
Sorghum	OK	Cuautitlan, EM	4,225	4,309				1,077	522			
	TX	Guadalajara, JA	4,703	4,800				923	447			
	NE	Penjamo, GJ	6,281	6,225				1,011	388			
	KS	Queretaro, QA	5,378	5,468				726	263			
	NE	Salinas Victoria, NL	4,315	4,377				732	283			
	NE	Torreon, CU	5,221	5,130				832	319			

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, 2009

			Tariff ¹ plus fuel surcharge per:									
			US\$/metric ton				US\$/bushel ²					
Commodity	Origin state	Destination	2008 Avg	1st qtr	2nd qtr	3rd qtr	4th qtr	2008 Avg	1st qtr	2nd qtr	3rd qtr	4th qtr
Wheat	MT	Chihuahua, CI	69.72	65.61				1.90	1.78			
	OK	Cuautitlan, EM	61.94	58.51				1.68	1.59			
	KS	Guadalajara, JA	67.67	63.34				1.84	1.72			
	TX	Salinas Victoria, NL	33.34	31.57				0.91	0.86			
Corn	IA	Guadalajara, JA	79.73	70.99				2.17	1.80			
	SD	Penjamo, GJ	81.71	72.42				2.22	1.84			
	NE	Queretaro, QA	72.00	66.33				1.96	1.68			
	SD	Salinas Victoria, NL	58.27	53.77				1.58	1.36			
	MO	Tlalnepantla, EM	64.97	58.04				1.77	1.47			
	SD	Torreon, CU	68.44	60.82				1.86	1.54			
Soybeans	MO	Bojay (Tula), HG	72.51	63.90				1.97	1.74			
	NE	Guadalajara, JA	79.24	68.70				2.15	1.87			
	IA	Penjamo (Celaya), GJ	80.93	69.82				2.20	1.90			
	KS	Torreon, CU	61.46	54.70				1.67	1.49			
Sorghum	OK	Cuautitlan, EM	54.17	49.36				1.47	1.25			
	TX	Guadalajara, JA	57.48	53.61				1.56	1.36			
	NE	Penjamo, GJ	74.51	67.57				2.03	1.71			
	KS	Queretaro, QA	62.37	58.55				1.70	1.49			
	NE	Salinas Victoria, NL	51.57	47.61				1.40	1.21			
	NE	Torreon, CU	61.85	55.68				1.68	1.41			

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



Quarterly Bulk Grain and Soybeans

Table 4. 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	30.19	37.00	31.62	14.08	28.22
35-40,000	26.13	33.54	28.38	11.58	24.91

Source: O'Neil Commodity Consulting



Table 5. U.S. livestock exports to Mexico by border crossings*,
January - March, 2009 (head)

Category					
Border Crossing	TX	NM	AZ	CA	Total
Beef cattle					
Slaughter	0	0	0	0	0
Breeding males	178	102	27	0	307
Breeding females	157	102	169	0	428
Total beef	335	204	196	0	735
Hogs					
Slaughter	0	0	0	0	0
Breeding males	179	0	0	0	179
Breeding females	732	0	265	0	997
Total hogs	911	0	265	0	1,176
Sheep					
Slaughter lambs	0	0	0	0	0
Slaughter ewes	17,574	0	0	0	17,574
Breeding males	0	0	0	0	0
Breeding females	0	0	0	0	0
Total sheep	17,574	0	0	0	17,574
Dairy cattle					
Breeding males	0	0	0	0	0
Breeding females	422	888	0	0	1,310
Total dairy	422	888	0	0	1,310
Goats					
Angora	0	0	0	0	0
Spanish	235	0	0	0	235
Other	0	0	0	0	0
Total goats	235	0	0	0	235
Horses					
Slaughter	9,271	2,466	0	0	11,737
Breeding males	439	243	122	0	804
Breeding females	948	282	120	0	1,350
Geldings	131	88	41	0	260
Burro/mule/pony	6	0	0	0	6
Total horses	10,795	3,080	283	0	14,158
Exotics**	437	0	0	0	437
Grand total	30,709	4,172	744	0	35,625

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

Category	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Beef cattle					
Slaughter	0				
Breeding males	178				
Breeding females	157				
Total beef	335				
Hogs					
Slaughter	0				
Breeding males	179				
Breeding females	732				
Total hogs	911				
Sheep					
Slaughter lambs	0				
Slaughter ewes	17,574				
Breeding males	0				
Breeding females	0				
Total sheep	17,574				
Dairy cattle					
Breeding males	0				
Breeding females	422				
Total dairy	422				
Goats					
Angora	0				
Spanish	235				
Other	0				
Total goats	235				
Horses					
Slaughter	9,271				
Breeding males	439				
Breeding females	948				
Geldings	131				
Burro/mule/pony	6				
Total horses	10,795				
Exotics**	437				
Grand total	30,709				

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

Category	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Beef cattle					
Slaughter	0				
Breeding males	102				
Breeding females	102				
Total beef	204				
Hogs					
Slaughter	0				
Breeding males	0				
Breeding females	0				
Total hogs	0				
Sheep					
Slaughter lambs	0				
Slaughter ewes	0				
Breeding males	0				
Breeding females	0				
Total sheep	0				
Dairy cattle					
Breeding males	0				
Breeding females	888				
Total dairy	888				
Goats					
Angora	0				
Spanish	0				
Other	0				
Total goats	0				
Horses					
Slaughter	2,466				
Breeding males	243				
Breeding females	282				
Geldings	88				
Burro/mule/pony	0				
Total horses	3,080				
Exotics**	0				
Grand total	4,172				

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

Category	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Beef cattle					
Slaughter	0				
Breeding males	27				
Breeding females	169				
Total beef	196				
Hogs					
Slaughter	0				
Breeding males	0				
Breeding females	265				
Total hogs	265				
Sheep					
Slaughter lambs	0				
Slaughter ewes	0				
Breeding males	0				
Breeding females	0				
Total sheep	0				
Dairy cattle					
Breeding males	0				
Breeding females	0				
Total dairy	0				
Goats					
Angora	0				
Spanish	0				
Other	0				
Total goats	0				
Horses					
Slaughter	0				
Breeding males	122				
Breeding females	120				
Geldings	41				
Burro/mule/pony	0				
Total horses	283				
Exotics**	0				
Grand total	744				

*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. cattle exports to Mexico and Canada (head)

Country	1st qtr 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Total
Canada	8,436	12,272	9,244	6,966	36,918
Mexico	0	193	27	507	727
Other countries	285	8	978	10,762	12,033
Total	8,721	12,473	10,249	18,235	49,678
Mexico % share	0.0	1.5	0.3	2.8	1.5
Canada % share	96.7	98.4	90.2	38.2	74.3
Country	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Total
Canada	9,160	14,811	9,828	10,299	44,098
Mexico	0	9	453	13,317	13,779
Other countries	4,563	292	160	3,491	8,506
Total	13,723	15,112	10,441	27,107	66,383
Mexico % share	41.0	53.8	34.5	44.5	43.7
Canada % share	0.0	0.1	4.3	49.1	20.8
Country	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total
Canada	10,279	13,322	8,203	6,228	38,032
Mexico	27,623	16,689	2,047	2,844	49,203
Other countries	417	564	4,931	14,345	20,257
Total	38,319	30,575	15,181	23,417	107,492
Mexico % share	72.1	54.6	13.5	12.1	45.8
Canada % share	26.8	43.6	54.0	26.6	35.4
Country	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Canada	4,125				
Mexico	2,129				
Other countries	649				
Total	6,903				
Mexico % share	59.8				
Canada % share	30.8				

Source: U.S. Department of Commerce, Bureau of the Census



Table 10. Quarterly U.S. cattle imports from Mexico and Canada (head)

Country	1st qtr 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Total
Mexico	366,297	284,421	215,413	390,842	1,256,973
Canada	342,383	185,755	202,704	301,028	1,031,870
Other countries	0	0	0	0	0
Total	708,680	470,176	418,117	691,870	2,288,843
Mexico % share	51.7	60.5	51.5	56.5	54.9
Canada % share	48.3	39.5	48.5	43.5	45.1
Country	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Total
Mexico	258,079	278,799	159,641	393,575	1,090,094
Canada	371,078	239,374	302,718	491,701	1,404,871
Other countries	0	0	0	0	0
Total	629,157	518,173	462,359	885,276	2,494,965
Mexico % share	41.0	53.8	34.5	44.5	43.7
Canada % share	59.0	46.2	65.5	55.5	56.3
Country	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total
Mexico	171,725	184,274	59,122	287,540	702,661
Canada	510,449	378,292	346,048	346,514	1,581,303
Other countries	0	0	29	0	29
Total	682,174	562,566	405,199	634,054	2,283,993
Mexico % share	25.2	32.8	14.6	45.3	30.8
Canada % share	74.8	67.2	85.4	54.7	69.2
Country	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Mexico	238,828				
Canada	373,360				
Other countries	0				
Total	612,188				
Mexico % share	39.0				
Canada % share	61.0				

Source: U.S. Department of Commerce, Bureau of the Census



Table 11. Quarterly U.S. hog exports to Mexico and Canada (head)

Country	1st qtr 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Total
Mexico	75,082	23,208	32,046	21,022	151,358
Canada	1,728	807	964	569	4,068
Other countries	1,421	1,550	3,653	2,571	9,195
Total	78,231	25,565	36,663	24,162	164,621
Mexico % share	96.0	90.8	87.4	87.0	91.9
Canada % share	2.2	3.2	2.6	2.4	2.5
Country	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Total
Mexico	32,895	11,106	38,381	38,654	121,036
Canada	1,677	977	1,442	240	4,336
Other countries	2,382	3,296	4,491	1,275	11,444
Total	36,954	15,379	44,314	40,169	136,816
Mexico % share	89.0	72.2	86.6	96.2	88.5
Canada % share	4.5	6.4	3.3	0.6	3.2
Country	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total
Mexico	57,411	16,086	741	1,171	75,409
Canada	771	2,696	3,380	707	7,554
Other countries	1,807	3,154	6,589	2,940	14,490
Total	59,989	21,936	10,710	4,818	97,453
Mexico % share	95.7	73.3	6.9	24.3	77.4
Canada % share	1.3	12.3	31.6	14.7	7.8
Country	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Mexico	833				
Canada	0				
Other countries	5,656				
Total	6,489				
Mexico % share	12.8				
Canada % share	0.0				

Source: U.S. Department of Commerce, Bureau of the Census



Table 12. Quarterly U.S. hog imports (head)

Country	1st qtr 2006	2nd qtr 2006	3rd qtr 2006	4th qtr 2006	Total
Canada	2,132,639	2,087,934	2,204,344	2,338,461	8,763,378
Other countries	0	0	0	0	0
Total	2,132,639	2,087,934	2,204,344	2,338,461	8,763,378
Canada % share	100.0	100.0	100.0	100.0	100.0
Country	1st qtr 2007	2nd qtr 2007	3rd qtr 2007	4th qtr 2007	Total
Canada	2,301,898	2,369,502	2,463,940	2,868,977	10,004,317
Other countries	0	25	0	0	25
Total	2,301,898	2,369,527	2,463,940	2,868,977	10,004,342
Canada % share	100.0	100.0	100.0	100.0	100.0
Country	1st qtr 2008	2nd qtr 2008	3rd qtr 2008	4th qtr 2008	Total
Canada	2,914,533	2,149,388	2,201,248	2,082,755	9,347,924
Other countries	0	0	0	0	0
Total	2,914,533	2,149,388	2,201,248	2,082,755	9,347,924
Canada % share	100.0	100.0	100.0	100.0	100.0
Country	1st qtr 2009	2nd qtr 2009	3rd qtr 2009	4th qtr 2009	Total
Canada	1,760,660				
Other countries	0				
Total	1,760,660				
Canada % share	100.0				

Source: U.S. Department of Commerce, Bureau of the Census



Table 13. Fruit and vegetable truck rates for selected U.S.-Mexico border crossing* (US\$/mile)

Origin/border crossing	1st qtr 2005	2nd qtr 2005	3rd qtr 2005	4th qtr 2005	Average
Nogales, Arizona	1.58	1.83	2.10	1.92	1.86
Pharr, Texas	1.51	1.84	1.70	1.87	1.73
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				
Pharr, Texas	1.70				

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



Table 14. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2009

Legend:		Truck availability														
															1 = Surplus	2 = Slight Surplus
3 = Adequate		4 = Slight Shortage														
5 = Shortage																
Mexico border crossings/month		January				February				March						
Week		1/6	1/13	1/20	1/27	2/3	2/10	2/17	2/24	3/3	3/10	3/17	3/24	3/31		
Through Pharr, TX	Citrus	2	1	1	2	2	2	1	1	2	3	3	2	1		
	Avocados	2	1	1	2	2	2	1	1	2	3	3	2	1		
	Mixed Vegetables	2	1	1	2	2	2	1	1	2	3	3	2	1		
	Mixed Fruits	2	1	1	2	2	2	1	1	2	3	3	2	1		
	Onions							1	1	2	3	3	2	1		
Through Nogales, AZ	Tomatoes	4	3	3	2	2	2	1	2	2	3	3	3	3		
	Mixed Vegetables	4	3	3	2	2	2	1	2	2	3	3	3	3		

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



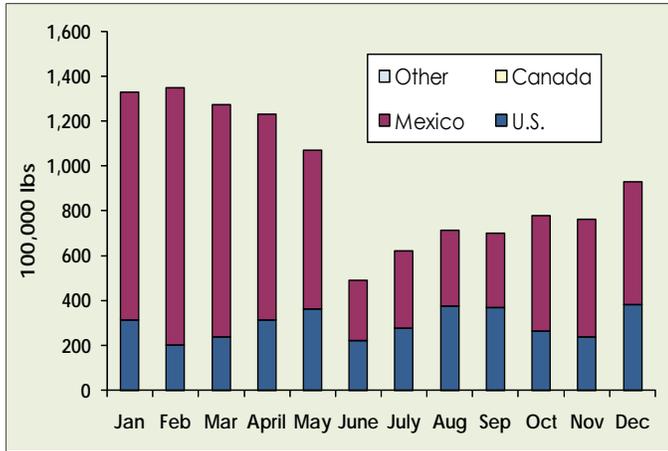
Table 15. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

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				
Peppers	43,303				
Watermelon, Seedless	21,643				
Limes	17,499				
Cucumbers	32,819				
Other	181,069				
Subtotal border crossing	177,601				
Total quarterly	358,670				

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

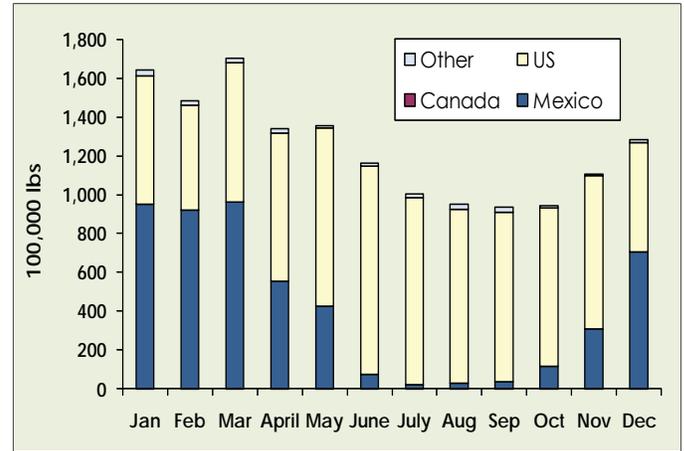


Figure 2. Monthly U.S. shipments of domestic and imported plum tomatoes, 2008



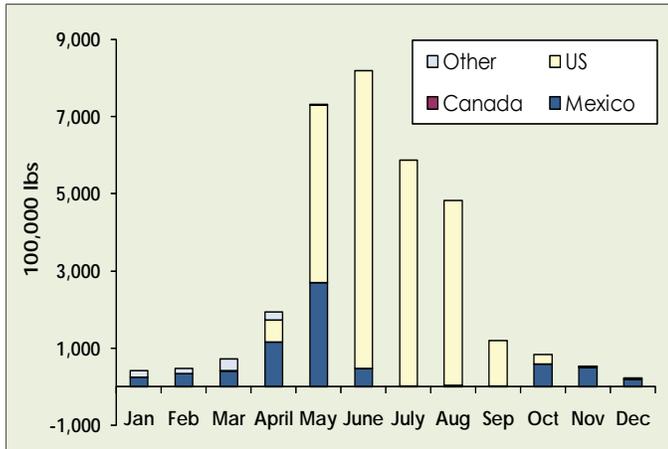
Source: Agricultural Marketing Service (AMS), USDA

Figure 3. Monthly U.S. shipments of domestic and imported peppers, 2008



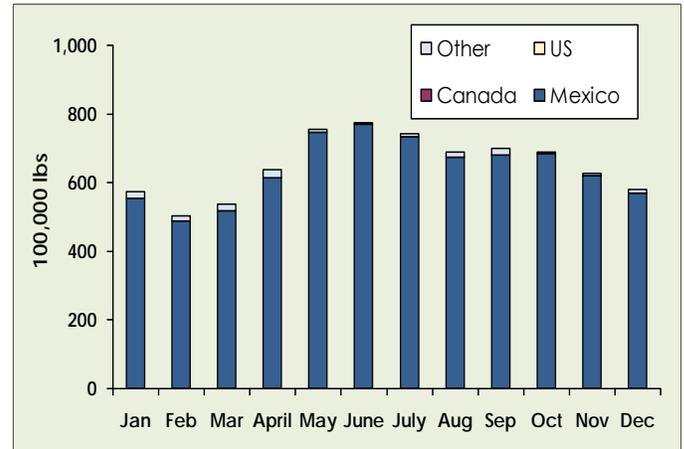
Source: Agricultural Marketing Service (AMS), USDA

Figure 4. Monthly U.S. shipments of domestic and imported seedless watermelons, 2008



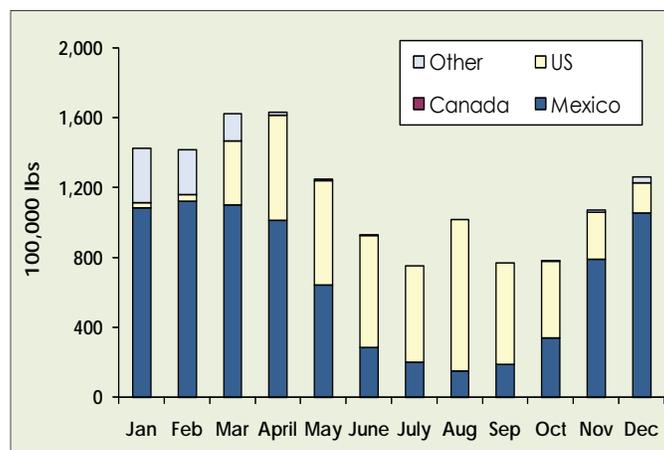
Source: Agricultural Marketing Service (AMS), USDA

Figure 5. Monthly U.S. shipments of domestic and imported limes, 2008



Source: Agricultural Marketing Service (AMS), USDA

Figure 6. Monthly U.S. shipments of domestic and imported cucumbers, 2008



Source: Agricultural Marketing Service (AMS), USDA



Table 16. Top ten U.S. container agricultural exports to Mexico, 2009

1st qtr	Commodity	# of TEUs**	Percentage share	Rank
	Dairy products	157	14	1
	Tobacco, leaf, processed	120	11	2
	Grocery items	113	10	3
	Cocoa; butter	84	8	4
	Vegetables	78	7	5
	Herbs and spices	62	6	6
	Tomatoes prepared	56	5	7
	Beer and ale	52	5	8
	Bulbs and seeds	40	4	9
	Canned fruit	35	3	10
Subtotal		797	73	
Other		322	27	
Total Exports		1119	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, 2008



Table 17. Top eight U.S. bulk agricultural exports to Mexico*, 2009 (1st quarter)

Commodity	Quantity (mt)	Percentage share	Rank
Bulk grain	1,010,749	53	1
Soybeans	370,918	20	2
Vegetables	366,472	19	3
Rice, crackers, and pasta	99,906	5	4
Tallow, grease	25,355	1	5
Subtotal	1,873,401	98	
Other	23,878	2	
Total Exports	1,897,279	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, 2008

Table 18. Top ten U.S. agricultural container exports to Mexico*, 2008

Commodity	# of TEUs**	Percentage share	Rank
Grocery items	425	11	1
Diary products	384	10	2
Vegetables	351	9	3
Herbs and spices	326	8	4
Tobacco	323	8	5
Cocoa butter	305	8	6
Tomatoes, prepared	186	5	7
Frozen fish	156	4	8
Meat	137	3	9
Fruit	136	3	10
Subtotal	2,729	69	
Other	1,231	31	
Total Exports	3,979	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, 2008



Table 19. Top eight Mexican bulk agricultural exports to the U.S. *, 2008

Commodity	Quantity (mt)	Percentage share	Rank
Sugars	653,565	39	1
Beer and ale	562,091	34	2
Molasses and treacle	173,268	10	3
Chewing gum	98,117	6	4
Coffee	41,932	3	5
Vegetables	24,347	1	6
Wine	15,797	1	7
Liquor, brandy and spirits	14,018	1	8
Subtotal	1,583,135	95	
Other	79,548	5	
Total Exports	1,662,683	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, 2008

Table 20. Top ten Mexican agricultural container exports to the U.S. *, 2008

Commodity	# of TEUs**	Percentage share	Rank
Beer and ale	7,221	30	1
Coffee	2,458	10	2
Vegetables	2,445	10	3
Liquor, brandy and spirits	1,447	6	4
Sugars	1,327	6	5
Wine	1,320	5	6
Grain products, flour, and cereal	1,005	4	7
Fruit	725	3	8
Meat	594	2	9
Dairy products	552	2	10
Subtotal	19,094	79	
Other	4,927	21	
Total Exports	24,021	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, 2008



Table 21. U.S. agricultural container shipments to Mexico by port*, 2008

U.S. region**	Mexican port	Number of TEUs***
U.S. Gulf	Manzanillo	66
Pacific Northwest		303
West Coast		1,033
East Coast		74
TOTAL		1,476
U.S. Gulf	Puerto Morelos	473
Pacific Northwest		-
West Coast		-
East Coast		-
TOTAL		473
U.S. Gulf	Progreso	410
Pacific Northwest		-
West Coast		-
East Coast		2
TOTAL		412
U.S. Gulf	Altamira	5
Pacific Northwest		-
West Coast		-
East Coast		346
TOTAL		351
U.S. Gulf	Veracruz	58
Pacific Northwest		-
West Coast		-
East Coast		167
TOTAL		224

*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, 2008



Table 22. U.S. agricultural container exports to Mexico by port*, 2008

Mexican port	# of TEUs**	Percentage share	Rank
Manzanillo	1,476	37	1
Puerto Morelos	473	12	2
Progreso	412	10	3
Altamira	351	9	4
Veracruz	224	6	5
Subtotal	2,936	74	
Other	1,043	26	
Total Exports	3,979	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, 2008

Table 23. U.S. bulk agricultural exports to Mexico by receiving port*, 2008

Mexican port	Quantity (mt)	Percentage share	Rank
Veracruz	4,248,204	63	1
Progreso	1,320,009	20	2
Coatzacoalcos	562,171	8	3
Tuxpan	488,861	7	4
Subtotal	6,619,245	99	
Other	100,033	1	
Total Exports 2008	6,719,277	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, 2008



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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](#)
- ◆ [Ocean Rate Bulletin](#)



Data Sets:

- ◆ Figure 1: Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, by route, January-March, 2009
- ◆ Figure 2: Monthly U.S. shipments of domestic and imported plum tomatoes, 2008
- ◆ Figure 3: Monthly U.S. shipments of domestic and imported peppers, 2008
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- ◆ Table 5: Quarterly U.S. livestock exports to Mexico by border crossings, January - March, 2009 (head)
- ◆ Table 6: Quarterly U.S. livestock exports to Mexico through Texas border crossing (head)
- ◆ Table 7: Quarterly U.S. livestock exports to Mexico through New Mexico border crossing (head)
- ◆ Table 8: Quarterly U.S. livestock exports to Mexico through Arizona border crossing (head)
- ◆ Table 9: Quarterly U.S. cattle exports to Mexico and Canada (head)
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- ◆ Table 21: U.S. agricultural container shipments to Mexico by port, 2008
- ◆ Table 22: U.S. agricultural container exports to Mexico by port, 2008
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