

Mexico Transport Cost Indicator Report

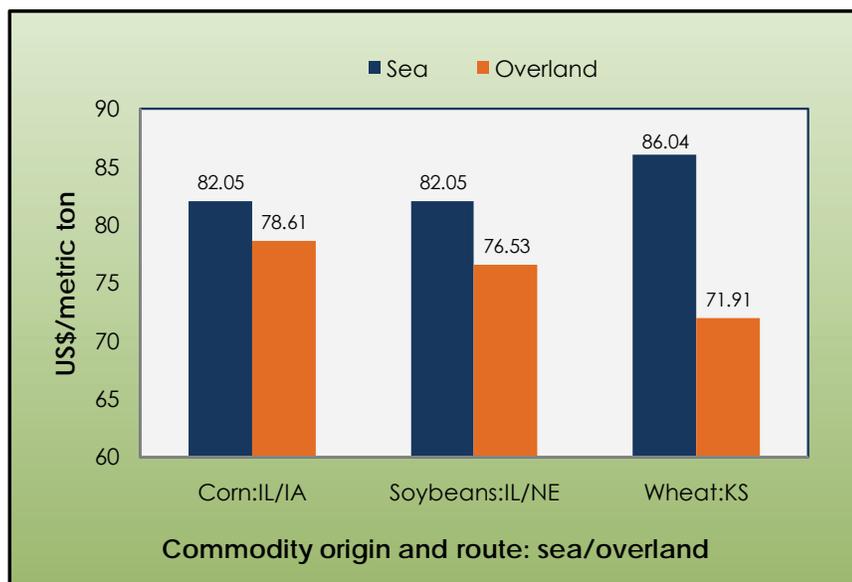


a quarterly publication of the
Transportation and Marketing Programs/Transportation Services Division
www.ams.usda.gov/AgTransportation

Grain and Soybeans

Total Landed Cost. The total transportation cost for shipping corn, soybeans, and wheat by sea from the United States to Guadalajara, Mexico, increased in the 1st quarter 2010 from the same time last year. However, wheat via the water route saw its total transportation costs drop by around \$8 per metric ton (mt), from \$94 to \$86 from the same quarter the last year. Transportation accounted for 18-37 percent of the total landed cost of shipping grains for the first 3 months of the year. High soybeans prices kept transportation as a percentage of total landed cost about the same as last year.

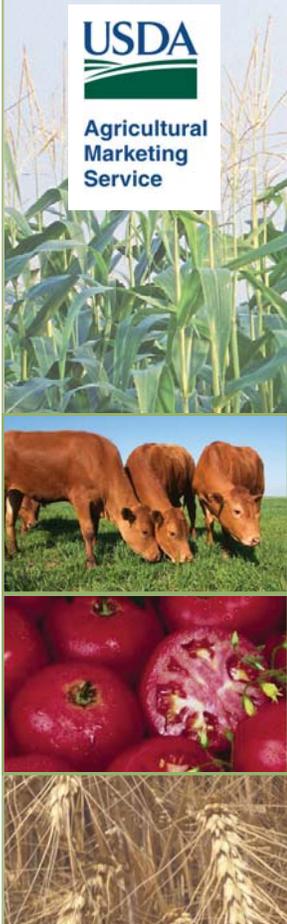
Figure 1. Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, Mexico, by route, January-March, 2010



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

- Rail.** Average total rail rates from the United States to selected destinations rose by 4.4 percent from the first quarter 2009 to the first quarter 2010. Tariff rail rates rose less than one percent from the 4th quarter of 2009. Fuel surcharges, however, rose 12.4 percent between quarters because of the rise in on-highway diesel fuel costs, on which fuel surcharges are based. The impact on total rail rates (tariff rate plus fuel surcharge) by the large fuel surcharge increase was eased by the nearly non-existent increase in tariff rates, resulting in only a 1.3 percent overall increase paid by shippers.

Grain carloadings to Mexico from the United States decreased by 1.2 percent between the first quarters of 2009 and 2010, but rose 27 percent for carloads received from Mexican railroads. The decrease in carloads to Mexico was likely the result of numerous railroad track outages throughout the Midwest as the unusually wet and cold winter continued from 2009 to 2010. The increase in carloads received from Mexico was probably due to increased demand for Mexican goods as the U.S. economy improved.



May 18, 2010

Contents

Summary: What Happened?

Quarterly Bulk Grain and By-Products

Livestock

Fruit and Vegetables

Container Shipments

Contact Information

Subscription Information

Data Sets



- **Service Delays to and from the United States/Mexico Border:** On April 17, flash flooding caused service delays on the Laredo Subdivision of Kansas City Southern Railway, washing out 440 feet of track. The wash out affected shipments during that week, but the problem was quickly resolved with re-routing and repair.
- **Ocean:** Ocean rates were pushed up by increases in world bulk commodity demand, especially China's high imports of iron ore and coal, as well as congestion in Australian ports of Dalrymple Bay, Hay Point, and Newcastle. Rates for shipping 35-40,000 tons of grain to Mexico averaged \$20.75 per metric ton (mt) during the 1st quarter—an 81 percent increase over last year. The rates for shipping 25,000 mt of grain averaged \$23.04 per mt—a 70 percent increase, compared to last year.

Fruit and Vegetables

Total shipments of fruit and vegetables from Mexico increased 54 percent over last quarter, and 20 percent over the same period last year. There were increases in the top five commodities, with the biggest changes seen in tomatoes and cucumbers. ERS reports that the decline in U.S. domestic output was mitigated by increased imports, largely from Mexico, which helped offset a substantial portion of the weather-impaired Florida crop.

Truck shortages during the first 2 weeks of January and the last 3 weeks of March at the Nogales, AZ, border crossing caused a 14 percent increase in truck rates over the same quarter last year. Truck rates in this area averaged \$1.97 per mile. Rates for border crossings through Texas averaged \$1.70 per mile, 7 percent more than last quarter, but unchanged from the same quarter last year. Diesel fuel rates for border crossings through Texas averaged \$2.82 per mile, a 5 percent increase from the previous quarter; rates for border crossings through Arizona averaged \$2.94 per mile, a 3 percent increase over the previous quarter.

Livestock

U.S. Livestock Border Crossings Exports Improved. During the first quarter of 2010, the overall export of livestock (including beef and dairy cattle, hogs, sheep, goats, horses, and exotic animals) crossing the border to Mexico increased 31 percent over the same period last year, due to a three-fold increase in dairy cattle shipments. Livestock exports through Texas and New Mexico increased 25 and 78 percent, respectively; Arizona shipments declined by 8 percent.



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				10.46	5.00				5.00
Rail ¹	32.76				32.76	73.61				73.61
Ocean ²	20.75				20.75					
Barge	18.08				18.08					
Total transportation cost	82.05				82.05	78.61				78.61
Farm value	139.63				139.63	144.87				144.87
Landed cost	221.68				221.68	223.48				223.48
Transport % of landed cost	37.0				37.0	35.2				35.2
Soybeans										
Origin	IL					NE				
Truck	10.46				10.46	5.00				5.00
Rail ¹	32.76				32.76	71.53				71.53
Ocean ²	20.75				20.75					
Barge	18.08				18.08					
Total transportation cost	82.05				82.05	76.53				76.53
Farm value	354.09				354.09	344.90				344.90
Landed cost	436.14				436.14	421.43				421.43
Transport % of landed cost	18.8				18.8	18.2				18.2
Wheat										
Origin	KS					KS				
Truck	21.29				21.29	3.81				3.81
Rail ¹	32.76				32.76	68.16				68.16
Ocean ²	20.75				20.75					
Barge	11.24				11.24					
Total transportation cost	86.04				86.04	71.97				71.97
Farm value	162.53				162.53	162.53				162.53
Landed cost	248.57				248.57	234.50				234.50
Transport % of landed cost	34.6				34.6	30.7				30.7

¹Rail rates include U.S. and Mexico portions of the movement. Mexico rail rates are estimated based on actual quoted market rates. BNSF and Union Pacific quoted rail tariff rates are through rates for shuttle trains.
 Rail rates include fuel surcharges

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				6,262	627				627
	OK	Cuautitlan, EM	5,712				5,712	477				477
	KS	Guadalajara, JA	6,182				6,182	489				489
	TX	Salinas Victoria, NL	3,139				3,139	155				155
Corn	IA	Guadalajara, JA	6,637				6,637	568				568
	SD	Penjamo, GJ	6,440				6,440	821				821
	NE	Queretaro, QA	6,150				6,150	461				461
	SD	Salinas Victoria, NL	4,570				4,570	624				624
	MO	Tlalnepantla, EM	5,340				5,340	449				449
	SD	Torreon, CU	5,330				5,330	687				687
Soybeans	MO	Bojay (Tula), HG	5,994				5,994	488				488
	NE	Guadalajara, JA	6,442				6,442	559				559
	IA	Penjamo (Celaya), GJ	6,590				6,590	815				815
	KS	Torreon, CU	5,180				5,180	368				368
Sorghum	OK	Cuautitlan, EM	4,349				4,349	623				623
	TX	Guadalajara, JA	5,283				5,283	534				534
	NE	Penjamo, GJ	6,395				6,395	511				511
	KS	Queretaro, QA	5,423				5,423	356				356
	NE	Salinas Victoria, NL	4,319				4,319	372				372
	NE	Torreon, CU	5,240				5,240	421				421

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				70.39	1.91				1.91
	OK	Cuautitlan, EM	63.24				63.24	1.72				1.72
	KS	Guadalajara, JA	68.16				68.16	1.85				1.85
	TX	Salinas Victoria, NL	33.66				33.66	0.92				0.92
Corn	IA	Guadalajara, JA	73.61				73.61	1.87				1.87
	SD	Penjamo, GJ	74.19				74.19	1.88				1.88
	NE	Queretaro, QA	67.55				67.55	1.71				1.71
	SD	Salinas Victoria, NL	53.07				53.07	1.35				1.35
	MO	Tlalnepantla, EM	59.15				59.15	1.50				1.50
	SD	Torreon, CU	61.48				61.48	1.56				1.56
Soybeans	MO	Bojay (Tula), HG	66.23				66.23	1.80				1.80
	NE	Guadalajara, JA	71.53				71.53	1.94				1.94
	IA	Penjamo (Celaya), GJ	75.67				75.67	2.06				2.06
	KS	Torreon, CU	56.68				56.68	1.54				1.54
Sorghum	OK	Cuautitlan, EM	50.80				50.80	1.29				1.29
	TX	Guadalajara, JA	59.44				59.44	1.51				1.51
	NE	Penjamo, GJ	70.57				70.57	1.79				1.79
	KS	Queretaro, QA	59.04				59.04	1.50				1.50
	NE	Salinas Victoria, NL	47.93				47.93	1.22				1.22
	NE	Torreon, CU	57.84				57.84	1.47				1.47

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	30.79	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				23.04
35-40,000	20.75				20.75

Source: O'Neil Commodity Consulting



Table 5. U.S. livestock exports to Mexico by border crossings*,
January - March, 2010 (head)

Category					
Border Crossing	TX	NM	AZ	CA	Total
Beef cattle					
Slaughter	0	0	0	0	0
Breeding males	128	38	34	0	200
Breeding females	137	0	16	0	153
Total beef	265	38	50	0	353
Hogs					
Slaughter	0	0	0	0	0
Breeding males	400	0	0	0	400
Breeding females	1,383	0	403	0	1,786
Total hogs	1,783	0	403	0	2,186
Sheep					
Slaughter lambs	0	0	0	0	0
Slaughter ewes	21,360	0	0	0	21,360
Breeding males	0	0	0	0	0
Breeding females	0	0	0	0	0
Total sheep	21,360	0	0	0	21,360
Dairy cattle					
Breeding males	14	0	0	0	14
Breeding females	3,862	4,658	39	0	8,559
Total dairy	3,876	4,658	39	0	8,573
Goats					
Angora	0	0	0	0	0
Spanish	375	0	0	0	375
Other	0	0	0	0	0
Total goats	375	0	0	0	375
Horses					
Slaughter	9,028	2,141	0	0	11,169
Breeding males	559	210	73	0	842
Breeding females	859	297	98	0	1,254
Geldings	150	104	19	0	273
Burro/mule/pony	25	0	0	0	25
Total horses	10,621	2,752	190	0	13,563
Exotics**	274	0	0	0	274
Grand total	38,554	7,448	682	0	46,684

*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 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0				0
Breeding males	128				128
Breeding females	137				137
Total beef	265				265
Hogs					
Slaughter	0				0
Breeding males	400				400
Breeding females	1,383				1,383
Total hogs	1,783				1,783
Sheep					
Slaughter lambs	0				0
Slaughter ewes	21,360				21,360
Breeding males	0				0
Breeding females	0				0
Total sheep	21,360				21,360
Dairy cattle					
Breeding males	14				14
Breeding females	3,862				3,862
Total dairy	3,876				3,876
Goats					
Angora	0				0
Spanish	375				375
Other	0				0
Total goats	375				375
Horses					
Slaughter	9,028				9,028
Breeding males	559				559
Breeding females	859				859
Geldings	150				150
Burro/mule/pony	25				25
Total horses	10,621				10,621
Exotics**	274				274
Grand total	38,554				38,554

*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 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0				0
Breeding males	38				38
Breeding females	0				0
Total beef	38				38
Hogs					
Slaughter	0				0
Breeding males	0				0
Breeding females	0				0
Total hogs	0				0
Sheep					
Slaughter lambs	0				0
Slaughter ewes	0				0
Breeding males	0				0
Breeding females	0				0
Total sheep	0				0
Dairy cattle					
Breeding males	0				0
Breeding females	4,658				4,658
Total dairy	4,658				4,658
Goats					
Angora	0				0
Spanish	0				0
Other	0				0
Total goats	0				0
Horses					
Slaughter	2,141				2,141
Breeding males	210				210
Breeding females	297				297
Geldings	104				104
Burro/mule/pony	0				0
Total horses	2,752				2,752
Exotics**	0				0
Grand total	7,448				7,448

*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 2010	2nd qtr 2010	3rd qtr 2010	4th qtr 2010	Total
Beef cattle					
Slaughter	0				0
Breeding males	34				34
Breeding females	16				16
Total beef	50				50
Hogs					
Slaughter	0				0
Breeding males	0				0
Breeding females	403				403
Total hogs	403				403
Sheep					
Slaughter lambs	0				0
Slaughter ewes	0				0
Breeding males	0				0
Breeding females	0				0
Total sheep	0				0
Dairy cattle					
Breeding males	0				0
Breeding females	39				39
Total dairy	39				39
Goats					
Angora	0				0
Spanish	0				0
Other	0				0
Total goats	0				0
Horses					
Slaughter	0				0
Breeding males	73				73
Breeding females	98				98
Geldings	19				19
Burro/mule/pony	0				0
Total horses	190				190
Exotics**	0				0
Grand total	682				682

*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. 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				1.97
Pharr, Texas	1.70				1.70

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



Table 10. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2010

Legend:		Truck availability												
Mexico border crossings/month		January				February				March				
Week		1/5	1/12	1/19	1/26	2/2	2/9	2/16	2/23	3/2	3/9	3/16	3/23	3/30
Through Pharr, TX	Citrus	3	3	3	3	3	3	3	3	3	3	5	5	5
	Avocados	3	3	3	3	3	3	3	3	3	3	5	5	5
	Mixed Fruits and Vegetables	3	3	3	3	3	3	3	3	3	3	5	5	5
	Watermelons													
	Mangoes											5	5	5
Through Nogales, AZ	Tomatoes	5	5	3	3	3	4	4	4	4	3	4	3	4
	Mixed Vegetables	5	5	3	3	3	4	4	4	4	3	4	3	4
	Melons	5	5	3	3	3	4	4	4	4	3	4	3	4
	Grapes													
	Mangoes											3	4	3

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



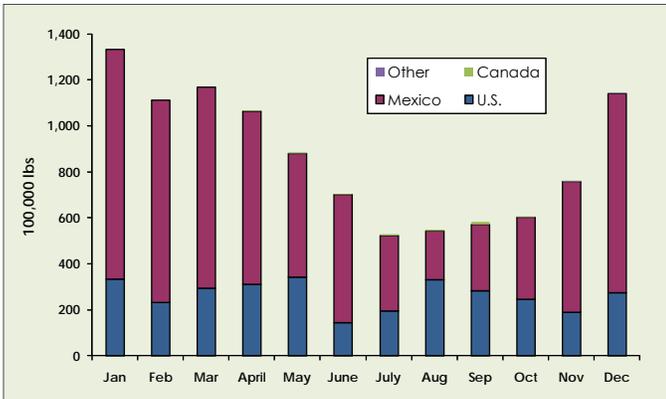
Table 11. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

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				113,379
Peppers	52,381				52,381
Cucumbers	39,925				39,925
Squash	24,242				24,242
Avocados	20,065				20,065
Other	178,749				178,749
Subtotal border crossing	249,992				249,992
Total quarterly	428,741				428,741

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

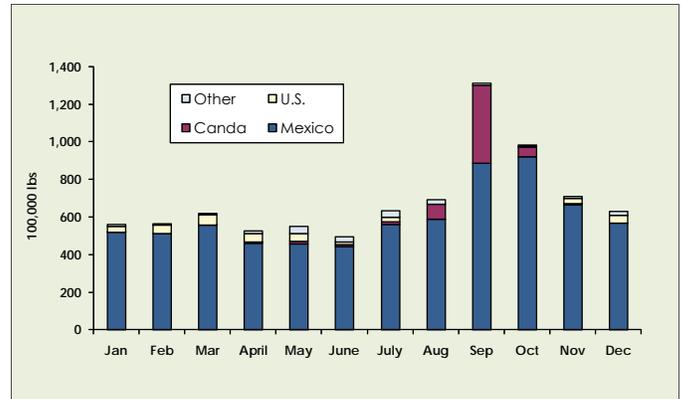


Figure 2. Monthly U.S. shipments of domestic and imported plum tomatoes, 2009



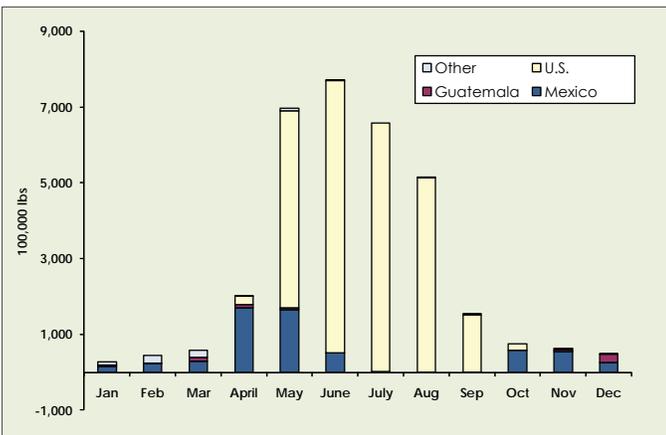
Source: Agricultural Marketing Service (AMS), USDA

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



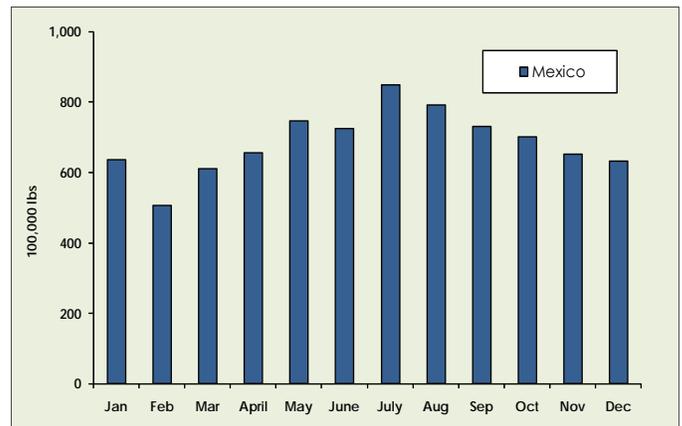
Source: Agricultural Marketing Service (AMS), USDA

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



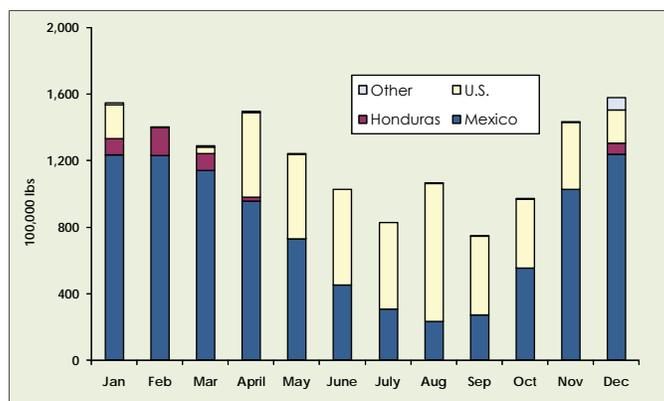
Source: Agricultural Marketing Service (AMS), USDA

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



Table 12. 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	
2nd qtr	Commodity	# of TEUs**	Percentage share	Rank
	Dairy products	394	23	1
	Fruit	149	9	2
	Beer and ale	138	8	3
	Edible nuts	132	8	4
	Grocery items	122	7	5
	Cocoa; butter	102	6	6
	Vegetables	87	5	7
	Animal feed	83	5	8
	Tomatoes prepared	60	4	9
	Herbs and spices	41	2	10
Subtotal		1309	78	
Other		375	22	
Total Exports		1683	100	



**Table 12. Top ten U.S. container agricultural exports to Mexico*, 2009
(continued)**

3rd qtr	Commodity	# of TEUs**	Percentage share	Rank
	Fruit	235	18	1
	Dairy products	198	15	2
	Vegetables	196	15	3
	Tobacco, leaf, processed	162	12	4
	Grocery items	90	7	5
	Beer and ale	66	5	6
	Tomatoes prepared	62	5	7
	Animal feed	41	3	8
	Frozen fish	41	3	9
	Cocoa; butter	40	3	10
Subtotal		131	85	
Other		200	15	
Total Exports		1331	100	
4th qtr	Commodity	# of TEUs**	Percentage share	Rank
	Dairy products	326	18	1
	Tobacco, leaf, processed	318	18	2
	Fruit	284	16	3
	Vegetables	263	15	4
	Tomatoes prepared	152	9	5
	Grocery items	75	4	6
	Edible nuts	56	3	7
	Rum	42	2	8
	Rice, crackers, and pasta	42	2	9
	Frozen fish	35	2	10
Subtotal		1593	89	
Other		193	11	
Total Exports		1785	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



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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](#)
- ◆ [Ocean Rate Bulletin](#)



Data Sets:

- ◆ Figure 1: Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, Mexico, by route, January - March, 2010
- ◆ 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
- ◆ Figure 4: Monthly U.S. shipments of domestic and imported seedless watermelons, 2009
- ◆ Figure 5: Monthly U.S. shipments of domestic and imported limes, 2009
- ◆ Figure 6: Monthly U.S. shipments of domestic and imported cucumbers, 2009

- ◆ Table 1: Quarterly costs of transporting U.S. grain and soybeans to Guadalajara, Mexico
- ◆ Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2010
- ◆ Table 3: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico, 2010
- ◆ Table 4: Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)
- ◆ Table 5: Quarterly U.S. livestock exports to Mexico by border crossings, January - March, 2010 (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: Fruit and vegetable truck rates for selected U.S.- Mexico border crossing (US\$/mile)
- ◆ Table 10: Quarterly U.S.- Mexico border crossing fresh fruit and vegetables truck availability, 1st quarter, 2010
- ◆ Table 11: Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)
- ◆ Table 12: Top ten U.S. container agricultural exports to Mexico, 2009

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