

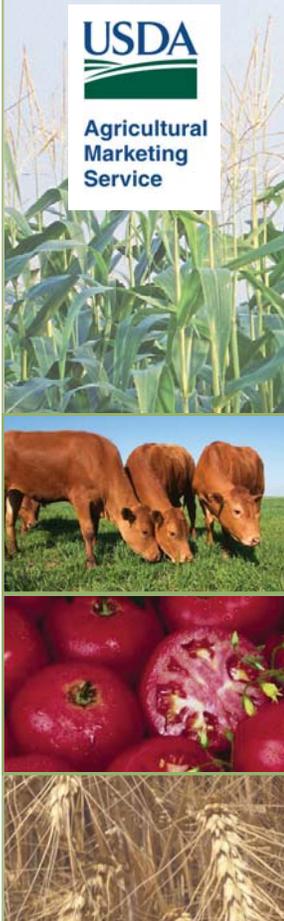
Mexico Transport Cost Indicator Report



a quarterly publication of the
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www.ams.usda.gov/AgTransportation

Grains and Soybeans

- **Total Landed Cost.** The total transportation cost for shipping grains from the United States to Guadalajara, Mexico, increased during the 3rd quarter 2009 but was still lower than the previous year. It was more expensive to transport grain and soybeans—especially wheat—by water due to the high demand for bulk shipments from the U.S. Gulf to major export markets. The cost of shipping a metric ton of wheat by water was \$82.63 compared with \$67.51 by land. Transportation costs ranged 16–36 percent of the total landed costs. Land transportation cost is expected to drop during the last quarter of 2009.
- **Rail: Ferrocarril Mexicano, S.A. de C.V. (FERROMEX) Stopped Collecting Fuel Surcharges on the Mexican Portion of Shipments.** Effective October 1st, BNSF stopped collecting fuel surcharges on the Mexican portion of a BNSF-FERROMEX joint line agricultural shuttle movement as requested by FERROMEX. BNSF will continue to charge a fuel surcharge from the U.S. origin point to the Mexican border. Starting in the 4th quarter, the change will have an impact on total cost and total fuel surcharge per car. The new requirement may increase rail deliveries and originations to/from Mexico as rail transportation becomes more cost-competitive than ocean shipping. BNSF revised its posted rates to reflect the lower total rate due to the FERROMEX requirement. BNSF noted that it revises rates frequently, and reminds shippers that its shuttle fuel surcharge price protection does not apply to



December 7, 2009

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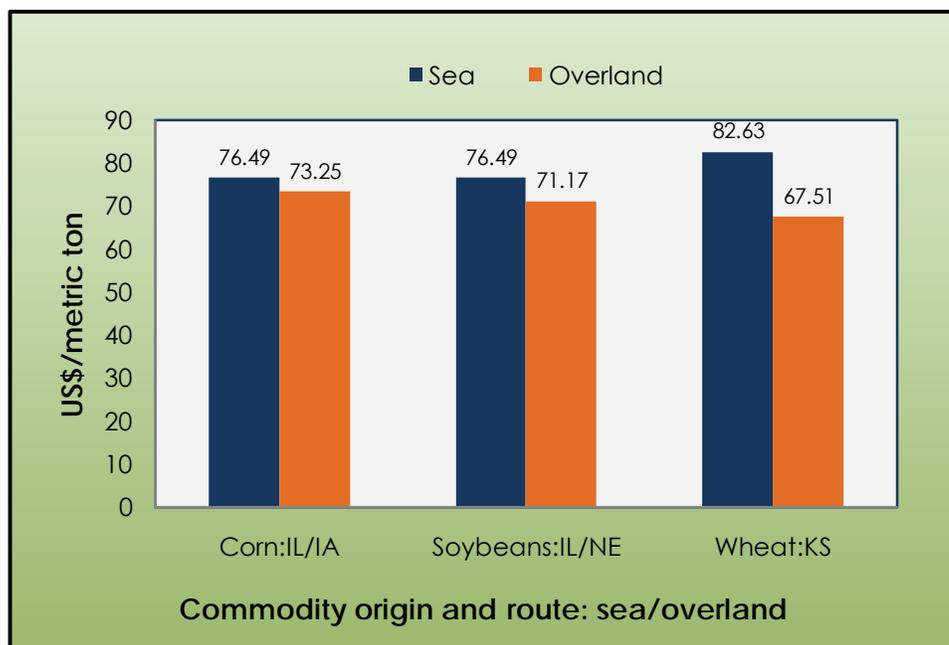
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Figure 1. Average cost of shipping U.S. corn, wheat, and soybeans to Guadalajara, by route, July – September 2009



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



joint line rates. Price protection cannot be purchased for the U.S. portion of the BNSF-FERROMEX joint line movements. Total average cost to selected Mexican destinations fell by 14 percent over the year, but increased 2 percent over the quarter. Grain carloadings dropped between the 2nd and 3rd quarters 2009 by 21 percent for grain carloads originated and 5 percent for carloads received.

- **Ocean:** The ocean rate for shipping grain to Mexico was \$17.78 per metric ton during the 3rd quarter—a 15 percent increase over the 2nd quarter, but 37 percent below the same period last year. The increase was caused by a resurgence of activity in the bulk shipping market toward the end of the quarter. Soybeans exports through the U.S. Gulf almost doubled from previous year. In addition, there were increases in coal exports from the U.S. Gulf to India and Australia to China during the quarter. Although well below last year's rate, ocean freight rates are expected to remain relatively high through the North American grain season.

Agricultural Container Shipments to Mexico Increase: During the 3rd quarter 2009, U.S. container shipments to Mexico increased 19 percent from the previous quarter, from 1,683 TEUs to 2,006 TEUs. The top containerized items exported were dairy products and fruits, which remain in the number 1 and 2 positions from the previous quarter.

U.S. bulk shipments went up from 1.8 million metric tons to 1.9 million metric tons, a 4 percent increase for the quarter. The biggest increase was in bulk grain, which increased 89 percent from the second quarter. Soybeans and vegetables declined 26 and 31 percent, respectively.

Livestock

U.S. Livestock Imports Up. During the first three quarters of 2009, U.S. cattle imports from Mexico increased by 37 percent compared to the same period last year, from 415,121 to 569,405 head. However, U.S. cattle exports to Mexico were down about the same proportion compared to the same period last year. Overall livestock exports (beef cattle, hogs, sheep, goats, and horses) to Mexico are up this quarter. The total head count went from 33,266 to 50,133, a difference of about 51 percent. Sheep, the largest group shipped, accounted for about 52 percent of the shipments to Mexico, or 25,988 head, followed by horses at 28 percent, or 13,821 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 | 10.10 | 10.38 | | | 4.41 | 5.19 | 3.92 | | |
| Rail ¹ | 36.95 | 32.76 | 32.76 | | | 70.99 | 68.02 | 69.33 | | |
| Ocean ² | 11.46 | 15.46 | 17.78 | | | | | | | |
| Barge | 19.92 | 13.53 | 15.57 | | | | | | | |
| Total transportation cost | 76.50 | 71.85 | 76.49 | | | 75.40 | 73.21 | 73.25 | | |
| Farm value | 155.24 | 154.45 | 133.20 | | | 162.72 | 158.52 | 133.59 | | |
| Landed cost | 231.74 | 226.30 | 209.69 | | | 238.12 | 231.73 | 206.84 | | |
| Transport % of landed cost | 33.0 | 31.7 | 36.5 | | | 31.7 | 31.6 | 35.4 | | |
| Soybeans | | | | | | | | | | |
| Origin | IL | | | | | NE | | | | |
| Truck | 8.17 | 10.10 | 10.38 | | | 4.41 | 5.19 | 3.92 | | |
| Rail ¹ | 36.95 | 32.76 | 32.76 | | | 68.7 | 65.94 | 67.25 | | |
| Ocean ² | 11.46 | 15.46 | 17.78 | | | | | | | |
| Barge | 19.92 | 13.53 | 15.57 | | | | | | | |
| Total transportation cost | 76.50 | 71.85 | 76.49 | | | 73.11 | 71.13 | 71.17 | | |
| Farm value | 356.78 | 398.91 | 393.16 | | | 338.78 | 383.97 | 132.15 | | |
| Landed cost | 433.28 | 470.76 | 469.65 | | | 411.89 | 455.10 | 203.32 | | |
| Transport % of landed cost | 17.7 | 15.3 | 16.3 | | | 17.7 | 15.6 | 35.0 | | |
| Wheat | | | | | | | | | | |
| Origin | KS | | | | | KS | | | | |
| Truck | 32.27 | 17.22 | 21.06 | | | 3.68 | 3.64 | 3.52 | | |
| Rail ¹ | 36.95 | 32.76 | 32.76 | | | 63.28 | 62.02 | 63.99 | | |
| Ocean ² | 11.46 | 15.46 | 17.78 | | | | | | | |
| Barge | 13.32 | 8.75 | 11.03 | | | | | | | |
| Total transportation cost | 94.00 | 74.19 | 82.63 | | | 66.96 | 65.66 | 67.51 | | |
| Farm value | 199.15 | 210.79 | 172.21 | | | 199.15 | 210.79 | 172.21 | | |
| Landed cost | 293.15 | 284.98 | 254.84 | | | 266.11 | 276.45 | 239.72 | | |
| Transport % of landed cost | 32.1 | 26.0 | 32.4 | | | 25.2 | 23.8 | 28.2 | | |

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 | 5,896 | 5,943 | | 1,084 | 525 | 381 | 482 | |
| | OK | Cuautitlan, EM | 5,149 | 5,355 | 5,377 | 5,458 | | 913 | 372 | 231 | 334 | |
| | KS | Guadalajara, JA | 5,668 | 5,825 | 5,847 | 5,928 | | 956 | 374 | 223 | 335 | |
| | TX | Salinas Victoria, NL | 2,934 | 2,978 | 2,995 | 3,047 | | 330 | 113 | 58 | 99 | |
| Corn | IA | Guadalajara, JA | 6,698 | 6,512 | 6,395 | 6,395 | | 1,106 | 436 | 263 | 391 | |
| | SD | Penjamo, GJ | 6,578 | 6,400 | 6,300 | 6,233 | | 1,419 | 687 | 498 | 631 | |
| | NE | Queretaro, QA | 6,056 | 6,167 | 6,167 | 6,167 | | 990 | 325 | 155 | 283 | |
| | SD | Salinas Victoria, NL | 4,625 | 4,740 | 4,740 | 4,673 | | 1,078 | 522 | 378 | 480 | |
| | MO | Tlalnepantla, EM | 5,396 | 5,364 | 5,364 | 5,364 | | 963 | 316 | 151 | 275 | |
| | SD | Torreon, CU | 5,510 | 5,377 | 5,310 | 5,243 | | 1,188 | 576 | 417 | 529 | |
| Soybeans | MO | Bojay (Tula), HG | 6,140 | 5,881 | 5,819 | 5,819 | | 956 | 373 | 222 | 334 | |
| | NE | Guadalajara, JA | 6,659 | 6,297 | 6,200 | 6,200 | | 1,097 | 427 | 253 | 382 | |
| | IA | Penjamo (Celaya), GJ | 6,512 | 6,150 | 6,050 | 6,250 | | 1,410 | 683 | 495 | 627 | |
| | KS | Torreon, CU | 5,280 | 5,077 | 5,040 | 5,040 | | 735 | 276 | 157 | 246 | |
| Sorghum | OK | Cuautitlan, EM | 4,225 | 4,309 | 4,309 | 4,309 | | 1,077 | 522 | 378 | 479 | |
| | TX | Guadalajara, JA | 4,703 | 4,800 | 4,800 | 4,800 | | 923 | 447 | 324 | 411 | |
| | NE | Penjamo, GJ | 6,281 | 6,225 | 6,225 | 6,225 | | 1,011 | 388 | 226 | 346 | |
| | KS | Queretaro, QA | 5,378 | 5,468 | 5,468 | 5,468 | | 726 | 263 | 142 | 232 | |
| | NE | Salinas Victoria, NL | 4,315 | 4,377 | 4,377 | 4,377 | | 732 | 283 | 166 | 253 | |
| | NE | Torreon, CU | 5,221 | 5,130 | 5,130 | 5,130 | | 832 | 319 | 186 | 284 | |

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 | 64.13 | 65.66 | | 1.90 | 1.78 | 1.74 | 1.79 | |
| | OK | Cuautitlan, EM | 61.94 | 58.51 | 57.30 | 59.18 | | 1.68 | 1.59 | 1.56 | 1.61 | |
| | KS | Guadalajara, JA | 67.67 | 63.34 | 62.02 | 63.99 | | 1.84 | 1.72 | 1.69 | 1.74 | |
| | TX | Salinas Victoria, NL | 33.34 | 31.57 | 31.20 | 32.14 | | 0.91 | 0.86 | 0.85 | 0.87 | |
| Corn | IA | Guadalajara, JA | 79.73 | 70.99 | 68.02 | 69.33 | | 2.17 | 1.80 | 1.73 | 1.76 | |
| | SD | Penjamo, GJ | 81.71 | 72.42 | 69.46 | 70.14 | | 2.22 | 1.84 | 1.76 | 1.78 | |
| | NE | Queretaro, QA | 72.00 | 66.33 | 64.60 | 65.90 | | 1.96 | 1.68 | 1.64 | 1.67 | |
| | SD | Salinas Victoria, NL | 58.27 | 53.77 | 52.30 | 52.65 | | 1.58 | 1.36 | 1.33 | 1.34 | |
| | MO | Tlalnepantla, EM | 64.97 | 58.04 | 56.35 | 57.62 | | 1.77 | 1.47 | 1.43 | 1.46 | |
| | SD | Torreon, CU | 68.44 | 60.82 | 58.52 | 58.98 | | 1.86 | 1.54 | 1.48 | 1.50 | |
| Soybeans | MO | Bojay (Tula), HG | 72.51 | 63.90 | 61.72 | 62.86 | | 1.97 | 1.74 | 1.68 | 1.71 | |
| | NE | Guadalajara, JA | 79.24 | 68.70 | 65.94 | 67.25 | | 2.15 | 1.87 | 1.79 | 1.83 | |
| | IA | Penjamo (Celaya), GJ | 80.93 | 69.82 | 66.87 | 70.27 | | 2.20 | 1.90 | 1.82 | 1.91 | |
| | KS | Torreon, CU | 61.46 | 54.70 | 53.10 | 54.01 | | 1.67 | 1.49 | 1.44 | 1.47 | |
| Sorghum | OK | Cuautitlan, EM | 54.17 | 49.36 | 47.89 | 48.92 | | 1.47 | 1.25 | 1.22 | 1.24 | |
| | TX | Guadalajara, JA | 57.48 | 53.61 | 52.36 | 53.24 | | 1.56 | 1.36 | 1.33 | 1.35 | |
| | NE | Penjamo, GJ | 74.51 | 67.57 | 65.91 | 67.14 | | 2.03 | 1.71 | 1.67 | 1.70 | |
| | KS | Queretaro, QA | 62.37 | 58.55 | 57.32 | 58.24 | | 1.70 | 1.49 | 1.45 | 1.48 | |
| | NE | Salinas Victoria, NL | 51.57 | 47.61 | 46.42 | 47.30 | | 1.40 | 1.21 | 1.18 | 1.20 | |
| | NE | Torreon, CU | 61.85 | 55.68 | 54.31 | 55.32 | | 1.68 | 1.41 | 1.38 | 1.40 | |

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 ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton) | | | | | |
|---|--------------|--------------|--------------|--------------|---------|
| 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 | | 16.99 |
| 35-40,000 | 11.46 | 15.46 | 17.78 | | 14.90 |

Source: O'Neil Commodity Consulting



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

| Category | | | | | |
|---------------------|---------------|--------------|--------------|----------|---------------|
| Border Crossing | TX | NM | AZ | CA | Total |
| Beef cattle | | | | | |
| Slaughter | 0 | 0 | 0 | 0 | 0 |
| Breeding males | 73 | 63 | 38 | 0 | 174 |
| Breeding females | 69 | 0 | 12 | 0 | 81 |
| Total beef | 142 | 63 | 50 | 0 | 255 |
| Hogs | | | | | |
| Slaughter | 0 | 0 | 0 | 0 | 0 |
| Breeding males | 125 | 0 | 0 | 0 | 125 |
| Breeding females | 2632 | 0 | 183 | 0 | 2815 |
| Total hogs | 2757 | 0 | 183 | 0 | 2,940 |
| Sheep | | | | | |
| Slaughter lambs | 0 | 0 | 0 | 0 | 0 |
| Slaughter ewes | 25988 | 0 | 0 | 0 | 25,988 |
| Breeding males | 0 | 0 | 0 | 0 | 0 |
| Breeding females | 0 | 0 | 0 | 0 | 0 |
| Total sheep | 25988 | 0 | 0 | 0 | 25,988 |
| Dairy cattle | | | | | |
| Breeding males | 7 | 0 | 0 | 0 | 7 |
| Breeding females | 1521 | 2,358 | 901 | 0 | 4,780 |
| Total dairy | 1528 | 2,358 | 901 | 0 | 4,787 |
| Goats | | | | | |
| Angora | 0 | 0 | 0 | 0 | 0 |
| Spanish | 2,167 | 0 | 0 | 0 | 2,167 |
| Other | 0 | 0 | 0 | 0 | 0 |
| Total goats | 2,167 | 0 | 0 | 0 | 2,167 |
| Horses | | | | | |
| Slaughter | 8,680 | 2,484 | 0 | 0 | 11,164 |
| Breeding males | 662 | 232 | 42 | 0 | 936 |
| Breeding females | 980 | 257 | 43 | 0 | 1,280 |
| Geldings | 278 | 108 | 15 | 0 | 401 |
| Burro/mule/pony | 40 | 0 | 0 | 0 | 40 |
| Total horses | 10,640 | 3,081 | 100 | 0 | 13,821 |
| Exotics** | 175 | 0 | 0 | 0 | 175 |
| Grand total | 43,397 | 5,502 | 1,234 | 0 | 50,133 |

*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 | 0 | 0 | | |
| Breeding males | 178 | 155 | 73 | | |
| Breeding females | 157 | 209 | 69 | | |
| Total beef | 335 | 364 | 142 | | |
| Hogs | | | | | |
| Slaughter | 0 | 0 | 0 | | |
| Breeding males | 179 | 644 | 125 | | |
| Breeding females | 732 | 642 | 2,632 | | |
| Total hogs | 911 | 1,286 | 2,757 | | |
| Sheep | | | | | |
| Slaughter lambs | 0 | 0 | 0 | | |
| Slaughter ewes | 17,574 | 15,737 | 25,988 | | |
| Breeding males | 0 | 0 | 0 | | |
| Breeding females | 0 | 0 | 0 | | |
| Total sheep | 17,574 | 15,737 | 25,988 | | |
| Dairy cattle | | | | | |
| Breeding males | 0 | 20 | 7 | | |
| Breeding females | 422 | 1,398 | 1,521 | | |
| Total dairy | 422 | 1,418 | 1,528 | | |
| Goats | | | | | |
| Angora | 0 | 0 | 0 | | |
| Spanish | 235 | 60 | 2,167 | | |
| Other | 0 | 0 | 0 | | |
| Total goats | 235 | 60 | 2,167 | | |
| Horses | | | | | |
| Slaughter | 9,271 | 9,176 | 8,680 | | |
| Breeding males | 439 | 424 | 662 | | |
| Breeding females | 948 | 595 | 980 | | |
| Geldings | 131 | 121 | 278 | | |
| Burro/mule/pony | 6 | 0 | 40 | | |
| Total horses | 10,795 | 10,316 | 10,640 | | |
| Exotics** | 437 | 98 | 175 | | |
| Grand total | 30,709 | 29,279 | 43,397 | | |

*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 | 0 | 0 | | |
| Breeding males | 102 | 30 | 63 | | |
| Breeding females | 102 | 1 | 0 | | |
| Total beef | 204 | 31 | 63 | | |
| Hogs | | | | | |
| Slaughter | 0 | 0 | 0 | | |
| Breeding males | 0 | 0 | 0 | | |
| Breeding females | 0 | 0 | 0 | | |
| Total hogs | 0 | 0 | 0 | | |
| Sheep | | | | | |
| Slaughter lambs | 0 | 0 | 0 | | |
| Slaughter ewes | 0 | 0 | 0 | | |
| Breeding males | 0 | 0 | 0 | | |
| Breeding females | 0 | 0 | 0 | | |
| Total sheep | 0 | 0 | 0 | | |
| Dairy cattle | | | | | |
| Breeding males | 0 | 2 | 0 | | |
| Breeding females | 888 | 1,054 | 2,358 | | |
| Total dairy | 888 | 1,056 | 2,358 | | |
| Goats | | | | | |
| Angora | 0 | 0 | 0 | | |
| Spanish | 0 | 0 | 0 | | |
| Other | 0 | 0 | 0 | | |
| Total goats | 0 | 0 | 0 | | |
| Horses | | | | | |
| Slaughter | 2,466 | 1,783 | 2,484 | | |
| Breeding males | 243 | 171 | 232 | | |
| Breeding females | 282 | 212 | 257 | | |
| Geldings | 88 | 70 | 108 | | |
| Burro/mule/pony | 0 | 0 | 0 | | |
| Total horses | 3,080 | 2,236 | 3,081 | | |
| Exotics** | 0 | 0 | 0 | | |
| Grand total | 4,172 | 3,323 | 5,502 | | |

*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 | 0 | 0 | | |
| Breeding males | 27 | 27 | 38 | | |
| Breeding females | 169 | 173 | 12 | | |
| Total beef | 196 | 200 | 50 | | |
| Hogs | | | | | |
| Slaughter | 0 | 0 | 0 | | |
| Breeding males | 0 | 0 | 0 | | |
| Breeding females | 265 | 325 | 183 | | |
| Total hogs | 265 | 325 | 183 | | |
| Sheep | | | | | |
| Slaughter lambs | 0 | 0 | 0 | | |
| Slaughter ewes | 0 | 0 | 0 | | |
| Breeding males | 0 | 0 | 0 | | |
| Breeding females | 0 | 0 | 0 | | |
| Total sheep | 0 | 0 | 0 | | |
| Dairy cattle | | | | | |
| Breeding males | 0 | 4 | 0 | | |
| Breeding females | 0 | 57 | 901 | | |
| Total dairy | 0 | 61 | 901 | | |
| Goats | | | | | |
| Angora | 0 | 0 | 0 | | |
| Spanish | 0 | 0 | 0 | | |
| Other | 0 | 0 | 0 | | |
| Total goats | 0 | 0 | 0 | | |
| Horses | | | | | |
| Slaughter | 0 | 0 | 0 | | |
| Breeding males | 122 | 30 | 42 | | |
| Breeding females | 120 | 39 | 43 | | |
| Geldings | 41 | 9 | 15 | | |
| Burro/mule/pony | 0 | 0 | 0 | | |
| Total horses | 283 | 78 | 100 | | |
| Exotics** | 0 | 0 | 0 | | |
| Grand total | 744 | 664 | 1,234 | | |

*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 | 9,393 | 6,627 | | |
| Mexico | 2,129 | 3,422 | 5,731 | | |
| Other countries | 649 | 5,337 | 4,084 | | |
| Total | 6,903 | 18,152 | 16,442 | | |
| Mexico % share | 59.8 | 0.19 | 0.35 | | |
| Canada % share | 30.8 | 0.52 | 0.40 | | |

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 | 196,812 | 133,765 | | |
| Canada | 373,360 | 226,930 | 209,223 | | |
| Other countries | 0 | 0 | 0 | | |
| Total | 612,188 | 423,742 | 342,988 | | |
| Mexico % share | 39.0 | 0.46 | 0.39 | | |
| Canada % share | 61.0 | 0.54 | 0.61 | | |

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 | 1,303 | 167 | | |
| Canada | 3,734 | 1,243 | 1,423 | | |
| Other countries | 1,922 | 2,327 | 2,442 | | |
| Total | 6,489 | 4,873 | 4,032 | | |
| Mexico % share | 12.8 | 26.7 | 4.1 | | |
| Canada % share | 57.5 | 25.5 | 35.3 | | |

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 | 1,614,485 | 1,517,701 | | |
| Other countries | 0 | 0 | 0 | | |
| Total | 1,760,660 | 1,614,485 | 1,517,701 | | |
| Canada % share | 100.0 | 100.0 | 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 | 2.01 | | | |
| Pharr, Texas | 1.70 | 1.71 | | | |

*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, 2nd quarter, 2009

| Legend: | | Truck availability | | | | | | | | | | | | | | |
|-------------------------------|-----------------------------|---------------------|------|------|------|-----|------|------|------|------|-----|------|------|------|-------------|--------------------|
| | | | | | | | | | | | | | | | 1 = Surplus | 2 = Slight Surplus |
| 3 = Adequate | | 4 = Slight Shortage | | | | | | | | | | | | | | |
| 5 = Shortage | | | | | | | | | | | | | | | | |
| Mexico border crossings/month | | April | | | | May | | | | June | | | | | | |
| Week | | 4/7 | 4/14 | 4/21 | 4/28 | 5/5 | 5/12 | 5/19 | 5/26 | 6/3 | 6/9 | 6/16 | 6/23 | 6/30 | | |
| Through Pharr, TX | Citrus | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | | |
| | Avocados | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | | |
| | Mixed Fruits and Vegetables | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | | |
| | Watermelons | | | | | | | 4 | | | | | | | | |
| | Mangoes | | | | | | | 4 | | | | | | | | |
| Through Nogales, AZ | Tomatoes | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | | |
| | Mixed Vegetables | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | | |
| | Melons | | | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | | |
| | Grapes | | | | | | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | | |
| | Mangoes | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | 4 | 4 | 3 | 2 | 3 | | |

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



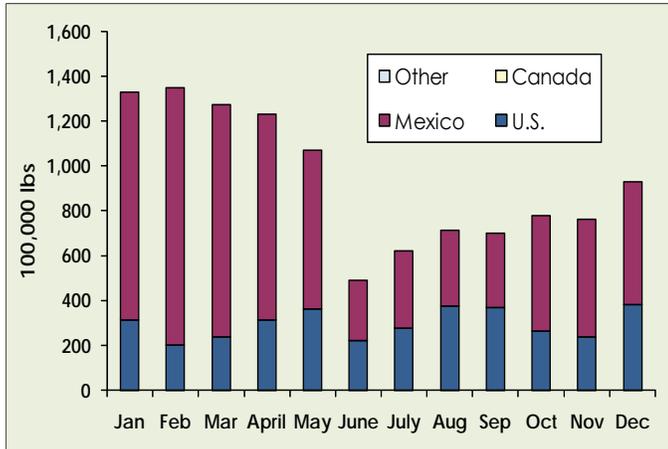
Table 15. Top five commodities shipped to the U.S. from Mexico (10,000 lbs.)

| 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 | 64,976 | | | |
| Peppers | 43,303 | 23,396 | | | |
| Watermelon, Seedless | 21,643 | 64,976 | | | |
| Limes | 17,499 | 21,253 | | | |
| Cucumbers | 32,819 | 20,464 | | | |
| Other | 181,069 | 143,027 | | | |
| Subtotal border crossing | 177,601 | 195,065 | | | |
| Total quarterly | 358,670 | 338,092 | | | |

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

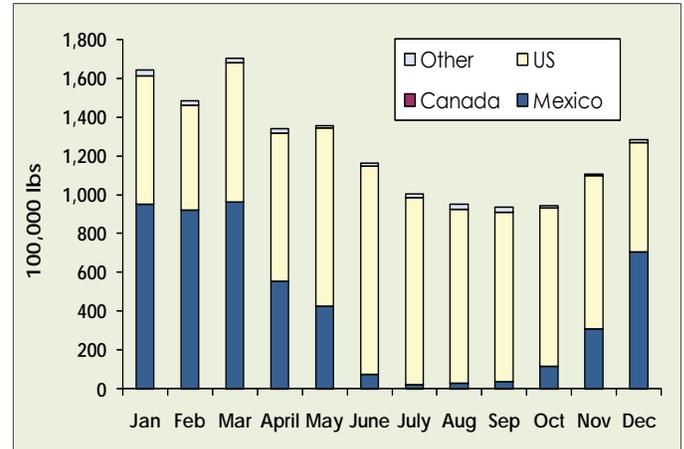


Figure 2. Monthly U.S. shipments of domestic and imported plum tomatoes, 2008



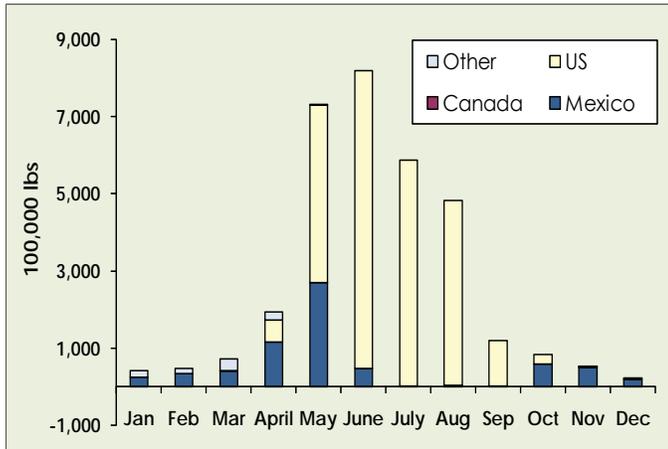
Source: Agricultural Marketing Service (AMS), USDA

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



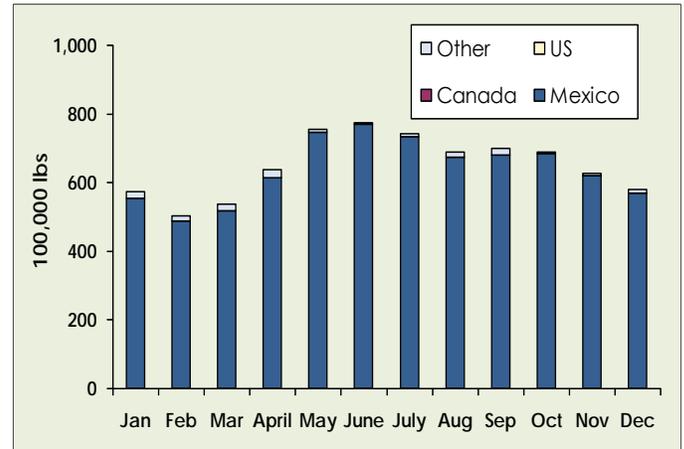
Source: Agricultural Marketing Service (AMS), USDA

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



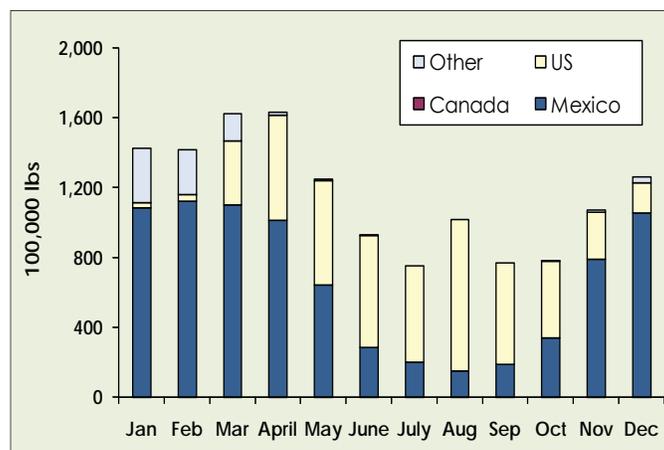
Source: Agricultural Marketing Service (AMS), USDA

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



Container Shipments

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 | |
| 2nd qtr | Commodity | # of TEUs** | Percentage share | Rank |
| | Dairy products | 551 | 20 | 1 |
| | Grocery items | 236 | 8 | 2 |
| | Beer and ale | 190 | 7 | 3 |
| | Cocoa; butter | 186 | 7 | 4 |
| | Fruit | 180 | 6 | 5 |
| | Vegetables | 165 | 6 | 6 |
| | Edible nuts | 155 | 6 | 7 |
| | Tobacco, leaf, processed | 135 | 5 | 8 |
| | Tomatoes prepared | 116 | 4 | 9 |
| | Herbs and spices | 104 | 4 | 10 |
| Subtotal | | 2018 | 72 | |
| Other | | 785 | 28 | |
| Total Exports | | 2803 | 100 | |



**Table 16. Top ten U.S. container agricultural exports to Mexico, 2009
(continued)**

| 3rd qtr | Commodity | # of TEUs** | Percentage share | Rank |
|----------------------|--------------------------|-------------|------------------|------|
| | Dairy products | 393 | 20 | 1 |
| | Fruit | 299 | 15 | 2 |
| | Vegetables | 225 | 11 | 3 |
| | Tobacco, leaf, processed | 171 | 9 | 4 |
| | Beer and ale | 140 | 7 | 5 |
| | Grocery items | 129 | 6 | 6 |
| | Tomatoes prepared | 95 | 5 | 7 |
| | Cocoa; butter | 73 | 4 | 8 |
| | Edible nuts | 65 | 3 | 9 |
| | Frozen fish | 45 | 2 | 10 |
| Subtotal | | 1635 | 81 | |
| Other | | 371 | 19 | |
| Total Exports | | 2006 | 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 (3rd quarter)

| Commodity | Quantity (mt) | Percentage share | Rank |
|----------------------------------|------------------|------------------|------|
| Bulk grain | 1,148,973 | 60 | 1 |
| Soybeans | 297,551 | 15 | 2 |
| Vegetables | 252,133 | 13 | 3 |
| Rice, crackers, and pasta | 113,167 | 6 | 4 |
| Grain products, flour and cereal | 54,040 | 3 | 5 |
| Tallow, grease | 42,804 | 2 | 6 |
| Subtotal | 1,908,668 | 99 | |
| Other | 20,945 | 1 | |
| Total Exports | 1,929,613 | 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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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, by route, July - September, 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 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)
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- ◆ Table 5: Quarterly U.S. livestock exports to Mexico by border crossings, July - September, 2009 (head)
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- ◆ Table 10: Quarterly U.S. cattle imports from Mexico and Canada (head)
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