



Mexico Transport Cost Indicator Report

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Second Quarter Corn Shipments to Mexico Up, as Landed Costs Decreased.

Mexico imported more U.S. corn during the second quarter of 2015 (FAS, GATS Data), compared to the same period last year, as transportation and landed costs to Mexico decreased. The transportation cost of shipping corn and soybeans by the water route from the United States to Veracruz, Mexico decreased by 3 and 10 percent compared to the previous quarter and the same period a year ago, respectively (see [Grain Transportation Report, dated 08/20/15](#)). The cost of transporting wheat through the water route increased 5 percent from quarter to quarter, but decreased 11 percent from the same quarter last year. Transportation costs for shipping corn, soybeans, and wheat by the land route decreased from the previous quarter, and were also less than a year earlier.

Trucking rates remained unchanged for both the land and water routes from the previous quarter. Falling barge rates for shipping seaborne corn and soybeans out of Illinois more than offset the increases in ocean rates, which caused the landed costs to decline quarter to quarter. Similarly, over the land route, lower tariff rail rates pushed down the landed costs quarter to quarter.

In addition to lower transportation costs, reduced commodity prices (reflected in "farm value") pushed down the landed costs of corn, soybeans, and wheat from the previous quarter and a year earlier. Specifically, the landed costs for the water route ranged from \$188.46 to \$403.97 per metric ton (mt) (see Figure 1), and \$234.83 to \$439.98 per mt for the land route (see Figure 2). Overall, transportation's share of the landed costs is mixed. For instance, while transportation's share of the landed costs for soybeans remained unchanged, it marginally increased for corn and wheat over both routes. More specifically, for the water route, transportation's share of the landed cost ranged from 11 to 24 percent for the three crops and from 22 to 39 percent for the land route.

Market Outlook: Mexico imported 3.26 million metric tons (mmt) of corn during the second quarter—19 percent more than the same period a year ago (FAS, GATS Data). However, Mexico imported 12 percent less wheat and 11 percent less soybeans at 0.70 mmt and 0.84 mmt, respectively, during the quarter compared to the same period last year. Mexican corn imports for marketing year (MY) 2015/16 are forecast at 10.3 mmt, slightly higher than the previous year ([FAS, GAIN Report #: MX5011](#)). The growth in corn imports is fueled primarily by increased demand from Mexico's livestock sector. Similarly, soybean imports for MY 2015/16 are forecast to increase ([FAS, GAIN Report #: MX5014](#)). Mexico's wheat imports for MY 2015/16 are forecast to decline to 4.2 mmt because of an increase in domestic production and lower demand for imported feed wheat ([FAS, GAIN Report #: MX5011](#)). However, Mexican total wheat consumption is expected to increase slightly over MY 2014/15 as bread products and other types of wheat-baked goods are gaining popularity among consumers throughout Mexico. Increasing popularity for wheat-baked products coupled with currently low wheat landed costs may boost the U.S. wheat exports to Mexico in the longer term.



October 20, 2015

Contents

[Summary: What Happened?](#)

[Quarterly Bulk Grain and By-Products](#)

[Livestock](#)

[Fruit and Vegetables](#)

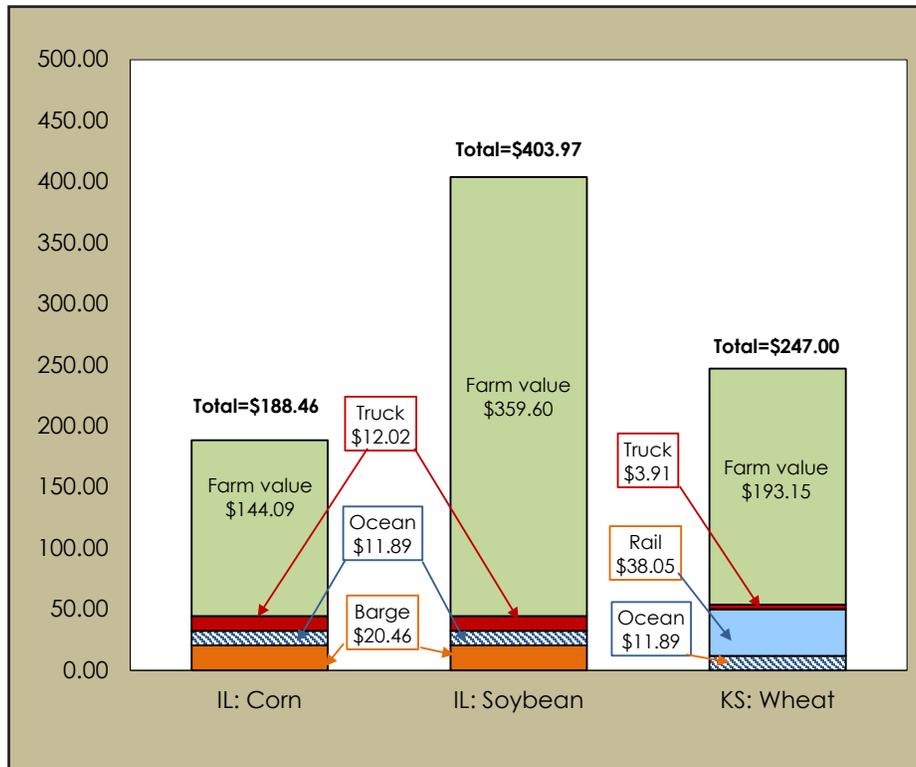
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[Data Sets](#)

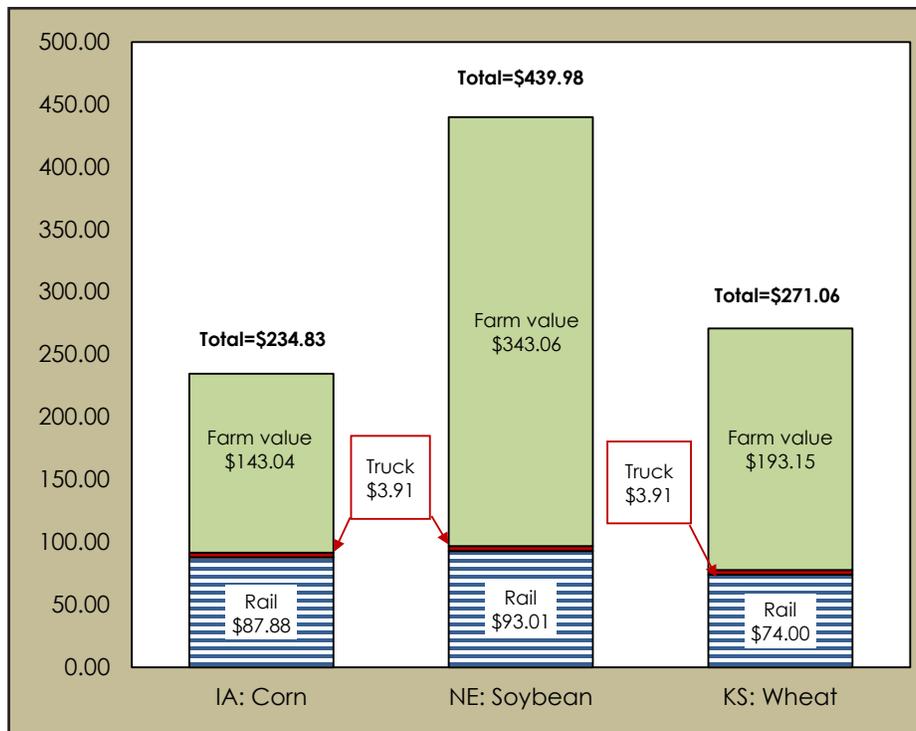


Figure 1. Water route shipment costs (\$/mt) to Veracruz, Mexico



Source: USDA Agricultural Marketing Service

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



Source: USDA Agricultural Marketing Service



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

| -----2015----- | | | | | | | | | | |
|----------------------------|---------------------------|---------|---------|---------|--------|-----------------------------|---------|---------|---------|--------|
| | Water route (to Veracruz) | | | | | Land route (to Guadalajara) | | | | |
| | 1st qtr | 2nd qtr | 3rd qtr | 4th qtr | Avg | 1st qtr | 2nd qtr | 3rd qtr | 4th qtr | Avg |
| | US\$/metric ton | | | | | US\$/metric ton | | | | |
| Corn | | | | | | | | | | |
| Origin | IL | | | | | IA | | | | |
| Truck | 12.02 | 12.02 | | | 12.02 | 3.91 | 3.91 | | | 3.91 |
| Rail ¹ | | | | | | 90.21 | 87.88 | | | 89.05 |
| Ocean ² | 11.63 | 11.89 | | | 11.76 | | | | | |
| Barge | 21.94 | 20.46 | | | 21.20 | | | | | |
| Total transportation cost | 45.59 | 44.37 | | | 48.98 | 94.12 | 91.79 | | | 92.96 |
| Farm price | 149.47 | 144.09 | | | 146.78 | 150.42 | 143.04 | | | 146.73 |
| Landed cost | 195.06 | 188.46 | | | 191.76 | 244.54 | 234.83 | | | 239.69 |
| Transport % of landed cost | 23.4 | 23.5 | | | 25.5 | 38.5 | 39.1 | | | 38.8 |
| Soybeans | | | | | | | | | | |
| Origin | IL | | | | | NE | | | | |
| Truck | 12.02 | 12.02 | | | 12.02 | 3.91 | 3.91 | | | 3.91 |
| Rail ¹ | | | | | | 94.87 | 93.01 | | | 93.94 |
| Ocean ² | 11.63 | 11.89 | | | 11.76 | | | | | |
| Barge | 21.94 | 20.46 | | | 21.20 | | | | | |
| Total transportation cost | 45.59 | 44.37 | | | 48.98 | 98.78 | 96.92 | | | 97.85 |
| Farm price | 376.01 | 359.60 | | | 367.81 | 356.66 | 343.06 | | | 349.86 |
| Landed cost | 421.60 | 403.97 | | | 572.27 | 455.44 | 439.98 | | | 447.71 |
| Transport % of landed cost | 10.8 | 11.0 | | | 10.9 | 21.7 | 22.0 | | | 21.9 |
| Wheat | | | | | | | | | | |
| Origin | KS | | | | | KS | | | | |
| Truck | 3.91 | 3.91 | | | 3.91 | 3.91 | 3.91 | | | 3.91 |
| Rail ¹ | 35.94 | 38.05 | | | | 74.52 | 74.00 | | | 74.26 |
| Ocean ² | 11.63 | 11.89 | | | 11.76 | | | | | |
| Total transportation cost | 51.48 | 53.85 | | | 52.67 | 78.43 | 77.91 | | | 90.44 |
| Farm price | 202.46 | 193.15 | | | 197.81 | 202.46 | 193.15 | | | 197.81 |
| Landed cost | 253.94 | 247.00 | | | 326.72 | 280.89 | 271.06 | | | |
| Transport % of landed cost | 20.3 | 21.8 | | | 21.0 | 27.9 | 28.7 | | | 28.3 |

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.



Ocean Freight Rates: Ocean freight rates for shipping bulk grains to Mexico increased during the second quarter, compared to the previous quarter, but declined compared to the same period a year ago and the 4-year averages. The cost of shipping a metric ton (mt) of grain from the U.S. Gulf to Veracruz, Mexico in a 25,000 ton-capacity vessel averaged \$14.23 per mt during the quarter—4 percent more than the previous quarter, but 19, and 28 percent, same period last year and the 4-year average, respectively. The cost of shipping in a 35-40,000 ton-capacity vessel averaged \$11.89 per mt—2 percent more the previous quarter, but 23 and 33 percent less than the same period last year and the 4-year average, respectively. Despite the slight increase in ocean freight rates, they are still relatively low partly due to the excess vessel supply in the market.

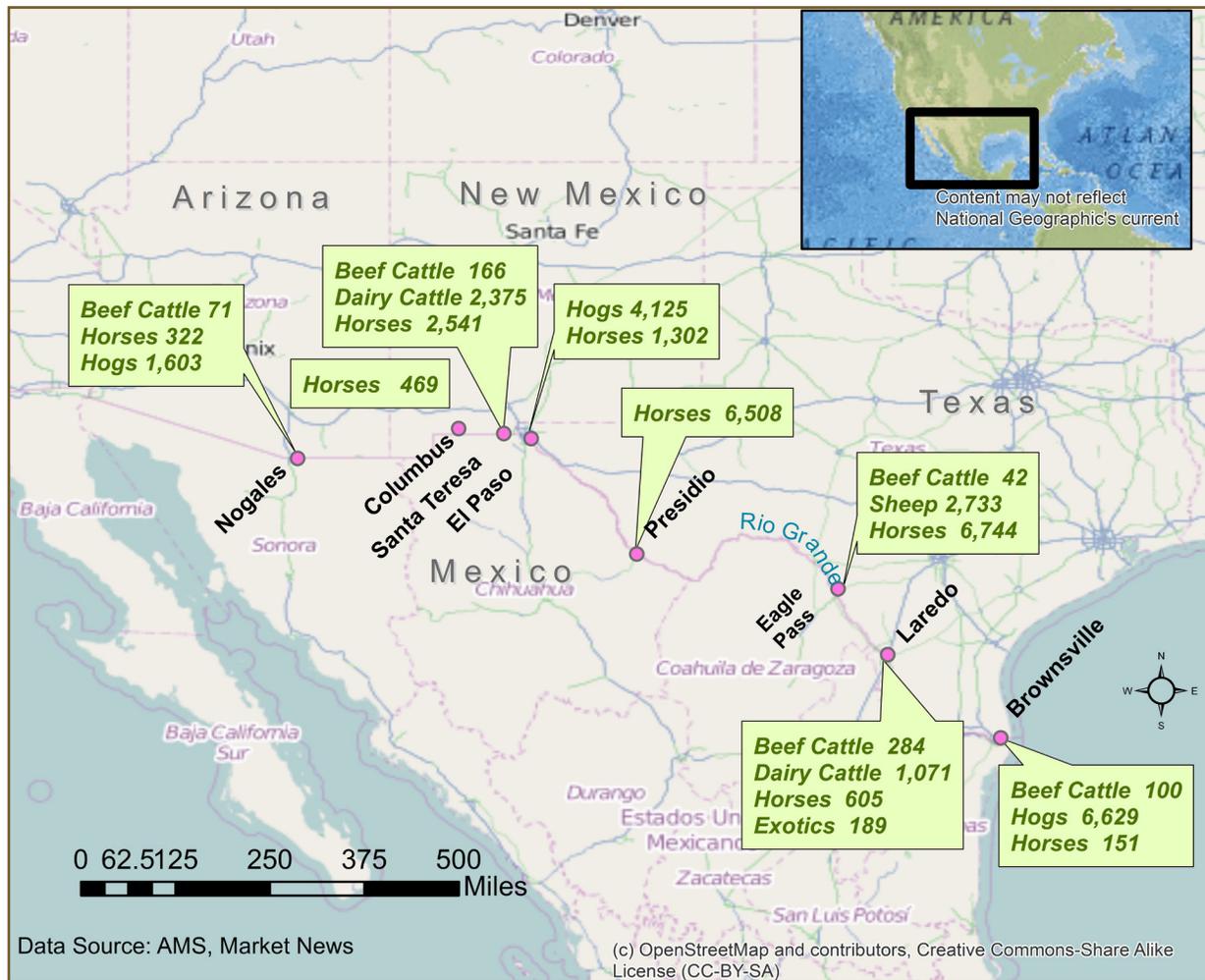
Rail Rates: During the second quarter of 2015, railroads transported 9,872 carloads of grain and oilseeds to Mexico, up 21 percent from the first quarter of 2015, down 1 percent from the second quarter 2014, and up 14 percent from the 3-year average for the second quarter. Tariff rail rates per grain car averaged \$7,121, up 2 percent from the first quarter 2015 and up 5 percent from second quarter 2014. Fuel surcharges per railcar averaged \$154 and were down 58 percent and 76 percent from the first quarter of 2015 and second quarter 2014, respectively. Overall rail transportation costs (tariff rates plus fuel surcharges) decreased 1 percent from the first quarter 2015 and were down 2 percent from the second quarter 2014. Second quarter exports of U.S. Distillers' Dried Grains with Solubles were 276 metric tons, down 45 percent from the first quarter 2015, and down 19 percent from the 3-year average for the second quarter.

Livestock

Livestock border crossing exports to Mexico are up 17 percent in the 2nd quarter of 2015 compared to the 2nd quarter of 2014, with higher exports in all categories except beef cattle that experienced a slight decrease of less than 1 percent. Exports of hogs show the largest increase of 43 percent. Total hog exports went from 12,357 head in the 2nd quarter of 2014 to 17,696 head in the same period this year. Dairy cattle exports also saw an increase, especially breeding females. The exports of breeding females went from 3,400 head in the 2nd quarter of 2014 to 4,024 head in same period in 2015. Mexico has been the top importer of live animals from the U.S. for several years (FAS/GATS) and the export of horses remains the largest livestock category crossing the border to Mexico from the U.S. These exports went from 25,477 horses in the 2nd quarter of last year to 26,677 in the same quarter this year.



Figure 3. Livestock Border Crossing to Mexico during the 2nd quarter 2015





Quarterly Bulk Grain and Soybeans

Table 2. Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico (US\$/car), 2015

| 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 | 6,960 | 7,386 | | | 7,173 | 348 | 145 | | | 247 |
| | OK | Cuautitlan, EM | 6,565 | 6,628 | | | 6,596 | 423 | 176 | | | 299 |
| | KS | Guadalajara, JA | 7,010 | 7,073 | | | 7,041 | 409 | 170 | | | 289 |
| | TX | Salinas Victoria, NL | 3,885 | 3,995 | | | 3,940 | 159 | 66 | | | 113 |
| Corn | IA | Guadalajara, JA | 8,349 | 8,401 | | | 8,375 | 481 | 200 | | | 340 |
| | SD | Penjamo, GJ | 7,656 | 7,739 | | | 7,697 | 456 | 189 | | | 323 |
| | NE | Queretaro, QA | 7,535 | 7,602 | | | 7,568 | 427 | 177 | | | 302 |
| | SD | Salinas Victoria, NL | 5,880 | 5,983 | | | 5,932 | 346 | 144 | | | 245 |
| | MO | Tlalnepantla, EM | 6,887 | 6,949 | | | 6,918 | 415 | 172 | | | 294 |
| | SD | Torreon, CU | 6,855 | 7,007 | | | 6,931 | 382 | 159 | | | 270 |
| Soybeans | MO | Bojay (Tula), HG | 8,211 | 8,347 | | | 8,279 | 406 | 168 | | | 287 |
| | NE | Guadalajara, JA | 8,822 | 8,910 | | | 8,866 | 464 | 193 | | | 328 |
| | IA | El Castillo, JA | 9,055 | 9,232 | | | 9,143 | 453 | 188 | | | 321 |
| | KS | Torreon, CU | 7,155 | 7,214 | | | 7,184 | 288 | 120 | | | 204 |
| Sorghum | TX | Guadalajara, JA | 7,153 | 7,184 | | | 7,169 | 297 | 123 | | | 210 |
| | NE | Penjamo, GJ | 7,287 | 7,365 | | | 7,326 | 414 | 172 | | | 293 |
| | KS | Queretaro, QA | 6,795 | 7,118 | | | 6,957 | 260 | 108 | | | 184 |
| | NE | Salinas Victoria, NL | 5,500 | 5,772 | | | 5,636 | 304 | 126 | | | 215 |
| | NE | Torreon, CU | 6,485 | 6,614 | | | 6,549 | 340 | 141 | | | 240 |

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 3. Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2015

| | | | Tariff ¹ plus fuel surcharge per: | | | | | | | | | |
|-----------|--------------|----------------------|--|---------|---------|---------|-------|--------------------------|---------|---------|---------|------|
| | | | US\$/metric ton | | | | | US\$/bushel ² | | | | |
| Commodity | Origin State | Destination | 1st qtr | 2nd qtr | 3rd qtr | 4th qtr | Avg | 1st qtr | 2nd qtr | 3rd qtr | 4th qtr | Avg |
| Wheat | MT | Chihuahua, CI | 74.67 | 76.95 | | | 75.81 | 2.03 | 2.09 | | | 2.06 |
| | OK | Cuautitlan, EM | 71.40 | 69.51 | | | 70.46 | 1.94 | 1.89 | | | 1.92 |
| | KS | Guadalajara, JA | 75.80 | 74.00 | | | 74.90 | 2.06 | 2.01 | | | 2.04 |
| | TX | Salinas Victoria, NL | 41.33 | 41.50 | | | 41.41 | 1.12 | 1.13 | | | 1.13 |
| Corn | IA | Guadalajara, JA | 90.21 | 87.88 | | | 89.05 | 2.29 | 2.23 | | | 2.26 |
| | SD | Penjamo, GJ | 82.88 | 81.01 | | | 81.94 | 2.10 | 2.06 | | | 2.08 |
| | NE | Queretaro, QA | 81.35 | 79.48 | | | 80.42 | 2.06 | 2.02 | | | 2.04 |
| | SD | Salinas Victoria, NL | 63.62 | 62.61 | | | 63.11 | 1.61 | 1.59 | | | 1.60 |
| | MO | Tlalnepanitla, EM | 74.60 | 72.76 | | | 73.68 | 1.89 | 1.85 | | | 1.87 |
| | SD | Torreon, CU | 73.95 | 73.22 | | | 73.58 | 1.88 | 1.86 | | | 1.87 |
| Soybeans | MO | Bojay (Tula), HG | 88.04 | 87.01 | | | 87.52 | 2.39 | 2.37 | | | 2.38 |
| | NE | Guadalajara, JA | 94.87 | 93.01 | | | 93.94 | 2.58 | 2.53 | | | 2.55 |
| | IA | Penjamo (Celaya), GJ | 97.15 | 96.25 | | | 96.70 | 2.64 | 2.62 | | | 2.63 |
| | KS | Torreon, CU | 76.05 | 74.93 | | | 75.49 | 2.07 | 2.04 | | | 2.05 |
| Sorghum | TX | Guadalajara, JA | 76.12 | 74.67 | | | 75.39 | 1.93 | 1.89 | | | 1.91 |
| | NE | Penjamo, GJ | 78.68 | 77.00 | | | 77.84 | 2.00 | 1.95 | | | 1.98 |
| | KS | Queretaro, QA | 72.08 | 73.84 | | | 72.96 | 1.83 | 1.87 | | | 1.85 |
| | NE | Salinas Victoria, NL | 59.31 | 60.26 | | | 59.79 | 1.51 | 1.53 | | | 1.52 |
| | NE | Torreon, CU | 69.73 | 69.02 | | | 69.38 | 1.77 | 1.75 | | | 1.76 |

¹Rates are based upon published tariff rates for high-capacity shuttle trains. Shuttle trains are available for qualified shipments of 75-110 cars that meet railroad efficiency requirements.

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 exports of U.S. Distillers' Dried Grains with Soluble (DDGS) to Mexico*

| Year | Thousand metric tons | | | | |
|------|----------------------|---------|---------|---------|-------|
| | 1st qtr | 2nd qtr | 3rd qtr | 4th qtr | Total |
| 2009 | 316 | 377 | 371 | 395 | 1,459 |
| 2010 | 439 | 399 | 424 | 383 | 1,645 |
| 2011 | 506 | 430 | 476 | 369 | 1,781 |
| 2012 | 426 | 388 | 352 | 332 | 1,498 |
| 2013 | 284 | 329 | 290 | 381 | 1,285 |
| 2014 | 356 | 420 | 366 | 435 | 1,577 |
| 2015 | 497 | 276 | | | 773 |

*Data are for brewers' and distillers' dregs and waste of which Distillers' Dried Grains with Soluble is a principal component. On November 2, 2010, data was revised.
 Source: USDA, Economic Research Service (ERS), Feed grains database



Quarterly Bulk Grain and Soybeans

Table 5. Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico (US\$/metric ton)

| Vessel capacity (metric ton) | 1st qtr 2009 | 2nd qtr 2009 | 3rd qtr 2009 | 4th qtr 2009 | Average |
|------------------------------|--------------|--------------|--------------|--------------|---------|
| 25,000 | 13.58 | 17.53 | 19.86 | 22.65 | 18.41 |
| 35-40,000 | 11.46 | 15.46 | 17.78 | 20.22 | 16.23 |
| Vessel capacity (metric ton) | 1st qtr 2010 | 2nd qtr 2010 | 3rd qtr 2010 | 4th qtr 2010 | Average |
| 25,000 | 23.04 | 23.83 | 24.33 | 21.89 | 23.27 |
| 35-40,000 | 20.75 | 22.34 | 21.64 | 19.83 | 21.14 |
| Vessel capacity (metric ton) | 1st qtr 2011 | 2nd qtr 2011 | 3rd qtr 2011 | 4th qtr 2011 | Average |
| 25,000 | 21.71 | 21.13 | 21.96 | 23.29 | 22.02 |
| 35-40,000 | 18.75 | 18.86 | 19.89 | 21.21 | 19.68 |
| Vessel capacity (metric ton) | 1st qtr 2012 | 2nd qtr 2012 | 3rd qtr 2012 | 4th qtr 2012 | Average |
| 25,000 | 20.28 | 20.79 | 20.68 | 18.73 | 20.12 |
| 35-40,000 | 18.37 | 18.62 | 18.53 | 16.73 | 18.06 |
| Vessel capacity (metric ton) | 1st qtr 2013 | 2nd qtr 2013 | 3rd qtr 2013 | 4th qtr 2013 | Average |
| 25,000 | 20.19 | 19.59 | 20.47 | 20.01 | 20.07 |
| 35-40,000 | 17.89 | 17.58 | 17.85 | 17.13 | 17.61 |
| Vessel capacity (metric ton) | 1st qtr 2014 | 2nd qtr 2014 | 3rd qtr 2014 | 4th qtr 2014 | Average |
| 25,000 | 20.08 | 17.48 | 15.75 | 16.32 | 17.41 |
| 35-40,000 | 17.53 | 15.48 | 13.56 | 13.96 | 15.13 |
| Vessel capacity (metric ton) | 1st qtr 2015 | 2nd qtr 2015 | 3rd qtr 2015 | 4th qtr 2015 | Average |
| 25,000 | 13.67 | 14.23 | | | 13.95 |
| 35-40,000 | 11.63 | 11.89 | | | 11.76 |

Source: O'Neil Commodity Consulting



Table 6. U.S. livestock exports to Mexico by border crossing* (head) April-May 2015

| Border Crossing | NM | AZ | TX | Total |
|---------------------|--------------|--------------|---------------|---------------|
| Beef cattle | | | | |
| Slaughter | 0 | 0 | 0 | 0 |
| Breeding males | 26 | 57 | 199 | 282 |
| Breeding females | 140 | 14 | 227 | 381 |
| Total beef | 166 | 71 | 426 | 663 |
| Hogs | | | | |
| Slaughter | 0 | 0 | 0 | 0 |
| Breeding males | 0 | 140 | 714 | 854 |
| Breeding females | 0 | 1,463 | 10,040 | 11,503 |
| Total hogs | 0 | 1,603 | 10,754 | 12,357 |
| Sheep | | | | |
| Slaughter lambs | 0 | 0 | 0 | 0 |
| Slaughter ewes | 0 | 0 | 2,733 | 2,733 |
| Breeding males | 0 | 0 | 0 | 0 |
| Breeding females | 0 | 0 | 0 | 0 |
| Total sheep | 0 | 0 | 2,733 | 2,733 |
| Dairy cattle | | | | |
| Breeding males | 29 | 0 | 17 | 46 |
| Breeding females | 2,346 | 0 | 1,054 | 3,400 |
| Total dairy | 2,375 | 0 | 1,071 | 3,446 |
| Goats | | | | |
| Angora | 0 | 0 | 0 | 0 |
| Spanish | 0 | 0 | 0 | 0 |
| Other | 0 | 0 | 0 | 0 |
| Total goats | 0 | 0 | 0 | 0 |
| Horses | | | | |
| Slaughter | 2,642 | 0 | 21,039 | 23,681 |
| Breeding males | 143 | 124 | 271 | 538 |
| Breeding females | 179 | 151 | 399 | 729 |
| Geldings | 46 | 47 | 131 | 224 |
| Burro/mule/pony | 0 | 0 | 305 | 305 |
| Total horses | 3,010 | 322 | 22,145 | 25,477 |
| Exotics** | 0 | 0 | 189 | 189 |
| Grand total | 5,551 | 1,996 | 37,318 | 44,865 |

*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 7. Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border* (US\$/mile)

| Origin/border crossing | 1st qtr 2007 | 2nd qtr 2007 | 3rd qtr 2007 | 4th qtr 2007 | Average |
|------------------------|--------------|--------------|--------------|--------------|---------|
| Nogales, Arizona | 1.77 | 2.03 | 2.36 | 1.99 | 2.04 |
| Pharr, Texas | 1.58 | 1.91 | 1.76 | 1.68 | 1.74 |
| Origin/border crossing | 1st qtr 2008 | 2nd qtr 2008 | 3rd qtr 2008 | 4th qtr 2008 | Average |
| Nogales, Arizona | 2.06 | 2.35 | 2.06 | 2.18 | 2.16 |
| Pharr, Texas | 1.78 | 2.21 | 1.91 | 1.74 | 1.91 |
| Origin/border crossing | 1st qtr 2009 | 2nd qtr 2009 | 3rd qtr 2009 | 4th qtr 2009 | Average |
| Nogales, Arizona | 1.93 | 1.74 | 1.26 | 1.86 | 1.70 |
| Pharr, Texas | 1.61 | 1.61 | 1.38 | 1.42 | 1.50 |
| Origin/border crossing | 1st qtr 2010 | 2nd qtr 2010 | 3rd qtr 2010 | 4th qtr 2010 | Average |
| Nogales, Arizona | 1.97 | 2.09 | 1.65 | 1.89 | 1.90 |
| Pharr, Texas | 1.60 | 1.86 | 1.53 | 1.58 | 1.64 |
| Origin/border crossing | 1st qtr 2011 | 2nd qtr 2011 | 3rd qtr 2011 | 4th qtr 2011 | Average |
| Nogales, Arizona | 1.87 | 2.38 | 1.85 | 1.80 | 1.97 |
| Pharr, Texas | 1.84 | 2.12 | 1.77 | 1.87 | 1.90 |
| Origin/border crossing | 1st qtr 2012 | 2nd qtr 2012 | 3rd qtr 2012 | 4th qtr 2012 | Average |
| Nogales, Arizona | 2.00 | 2.57 | 1.84 | 1.92 | 2.08 |
| Pharr, Texas | 1.97 | 2.26 | 1.89 | 2.09 | 2.05 |
| Origin/border crossing | 1st qtr 2013 | 2nd qtr 2013 | 3rd qtr 2013 | 4th qtr 2013 | Average |
| Nogales, Arizona | 2.34 | 2.59 | 1.63 | 2.33 | 2.22 |
| Pharr, Texas | 2.15 | 2.33 | 2.02 | 2.01 | 2.13 |
| Origin/border crossing | 1st qtr 2014 | 2nd qtr 2014 | 3rd qtr 2014 | 4th qtr 2014 | Average |
| Nogales, Arizona | 2.46 | 2.69 | 1.74 | 2.31 | 2.30 |
| Pharr, Texas | 2.32 | 2.53 | 2.12 | 2.13 | 2.28 |
| Origin/border crossing | 1st qtr 2015 | 2nd qtr 2015 | 3rd qtr 2015 | 4th qtr 2015 | Average |
| Nogales, Arizona | 2.41 | 2.49 | | | 2.45 |
| Pharr, Texas | 2.26 | 2.23 | | | 2.25 |

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



Table 8. Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 2nd quarter, 2015

| 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 | 6/2 | 6/9 | 6/16 | 6/23 | 6/30 |
| Through Nogales, AZ | Mangoes, Melons, Grapes and Mixed Vegetables | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 |
| Through TX | Carrots, Citrus, Mixed Fruit and Veg, Tomatoes, Watermelon | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

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

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

| Commodity | 1st qtr 2015 | Rank |
|-----------------------|--------------|------|
| Watermelons, Seedless | 79,764 | 1 |
| Avocados | 37,667 | 2 |
| Tomatoes | 36,393 | 3 |
| Mangoes | 35,201 | 4 |
| Cucumbers | 34,601 | 5 |
| Tomatoes, Plum Type | 32,714 | 6 |
| Grapes | 30,790 | 7 |
| Limes | 26,552 | 8 |
| Peppers, Other | 18,587 | 9 |
| Squash | 18,088 | 10 |

Source: USDA, AMS, Market News



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

| Commodity | 1st qtr 2009 | 2nd qtr 2009 | 3rd qtr 2009 | 4th qtr 2009 | Total 2009 |
|--------------------------|----------------|----------------|----------------|----------------|------------------|
| Tomatoes (all varieties) | 62,337 | 64,976 | 21,173 | 44,530 | 193,016 |
| Peppers (all varieties) | 43,303 | 23,396 | 21,903 | 33,946 | 122,548 |
| Watermelon | 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 |
| Subtotal | 177,601 | 195,065 | 76,790 | 149,452 | 598,908 |
| Other | 181,069 | 143,027 | 80,567 | 129,714 | 534,377 |
| Total | 181,069 | 338,092 | 157,357 | 279,166 | 955,684 |
| Commodity | 1st qtr 2010 | 2nd qtr 2010 | 3rd qtr 2010 | 4th qtr 2010 | Total 2010 |
| Tomatoes (all varieties) | 113,379 | 77,048 | 34,226 | 43,291 | 267,944 |
| Peppers (all varieties) | 52,381 | 29,135 | 18,481 | 33,718 | 133,715 |
| Cucumbers | 39,925 | 23,695 | 9,314 | 30,169 | 103,103 |
| Squash | 24,242 | 12,827 | 2,852 | 19,740 | 59,661 |
| Avocados | 20,065 | 15,120 | 8,696 | 17,242 | 61,123 |
| Subtotal | 249,992 | 157,825 | 73,569 | 144,160 | 625,546 |
| Other | 178,749 | 264,046 | 116,397 | 133,112 | 692,304 |
| Total | 428,741 | 421,871 | 189,966 | 277,272 | 1,317,850 |
| Commodity | 1st qtr 2011 | 2nd qtr 2011 | 3rd qtr 2011 | 4th qtr 2011 | Total 2011 |
| Tomatoes (all varieties) | 93,831 | 61,825 | 40,136 | 40,329 | 236,121 |
| Peppers (all varieties) | 49,137 | 27,150 | 21,775 | 30,018 | 128,080 |
| Cucumbers | 31,749 | 27,481 | 9,879 | 22,275 | 91,384 |
| Onions (dry and green) | 30,159 | 20,994 | 6,747 | 7,090 | 64,990 |
| Watermelon | 25,181 | 66,908 | 3,082 | 14,777 | 109,948 |
| Subtotal | 230,057 | 204,358 | 81,619 | 114,489 | 630,523 |
| Other | 181,726 | 199,596 | 109,240 | 103,717 | 594,279 |
| Total | 411,783 | 403,954 | 190,859 | 218,206 | 1,224,802 |

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

-continued on next page-



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

| Commodity | 1st qtr 2012 | 2nd qtr 2012 | 3rd qtr 2012 | 4th qtr 2012 | Total 2012 |
|--------------------------|----------------|----------------|----------------|----------------|------------------|
| Tomatoes (all varieties) | 99,264 | 69,282 | 41,120 | 57,099 | 266,765 |
| Peppers (all varieties) | 56,506 | 33,399 | 25,990 | 33,073 | 148,968 |
| Cucumbers | 42,668 | 25,798 | 11,919 | 30,383 | 110,768 |
| Onions (dry and green) | 29,949 | 20,020 | 8,122 | 8,744 | 66,835 |
| Squash | 26,776 | 16,033 | 3,401 | 19,556 | 65,766 |
| Subtotal | 255,163 | 164,532 | 90,552 | 148,855 | 659,102 |
| Other | 200,550 | 256,945 | 122,889 | 190,616 | 771,000 |
| Total | 455,713 | 421,477 | 213,441 | 339,471 | 1,430,102 |
| Commodity | 1st qtr 2013 | 2nd qtr 2013 | 3rd qtr 2013 | 4th qtr 2013 | Total 2013 |
| Tomatoes (all varieties) | 88,753 | 75,505 | 43,373 | 52,154 | 259,785 |
| Peppers (all varieties) | 55,952 | 35,111 | 27,341 | 51,481 | 169,885 |
| Avocados | 38,933 | 26,387 | 15,049 | 30,766 | 111,135 |
| Cucumbers | 38,877 | 30,555 | 11,592 | 31,523 | 112,547 |
| Onions (dry and green) | 24,818 | 22,138 | 7,584 | 8,070 | 62,610 |
| Subtotal | 247,333 | 189,696 | 104,939 | 173,994 | 715,962 |
| Other | 206,944 | 271,688 | 126,051 | 168,680 | 773,363 |
| Total | 454,277 | 461,384 | 230,990 | 342,674 | 1,489,325 |
| Commodity | 1st qtr 2014 | 2nd qtr 2014 | 3rd qtr 2014 | 4th qtr 2014 | Total 2014 |
| Tomatoes (all varieties) | 102,175 | 77,596 | 40,598 | 56,783 | 277,152 |
| Peppers (all varieties) | 62,356 | 33,083 | 27,349 | 48,167 | 170,955 |
| Cucumbers | 47,565 | 30,978 | 12,150 | 35,905 | 126,598 |
| Avocados | 37,085 | 26,363 | 26,044 | 39,140 | 128,632 |
| Squash | 29,622 | 16,334 | 3,814 | 22,495 | 72,265 |
| Subtotal | 278,803 | 184,354 | 109,955 | 202,490 | 775,602 |
| Other | 214,020 | 306,544 | 126,219 | 160,627 | 807,410 |
| Total | 492,823 | 490,898 | 236,174 | 363,117 | 1,583,012 |
| Commodity | 1st qtr 2015 | 2nd qtr 2015 | 3rd qtr 2015 | 4th qtr 2015 | Total 2015 |
| Tomatoes (all varieties) | 99,053 | 73,537 | | | 172,590 |
| Peppers (all varieties) | 61,334 | 34,579 | | | 95,913 |
| Cucumbers | 50,114 | 34,601 | | | 84,715 |
| Avocados | 44,510 | 37,667 | | | 82,177 |
| Squash | 29,026 | 18,088 | | | 47,114 |
| Subtotal | 284,037 | 198,472 | | | 482,509 |
| Other | 225,053 | 334,134 | | | 559,187 |
| Total | 509,090 | 532,606 | | | 1,041,696 |

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



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Related Websites:

- ◆ [U.S. Grain and Soybean Exports to Mexico — A Modal Share Transportation Analysis \(PDF\)](#)
- ◆ [Grain Transportation Report](#)
- ◆ [Agricultural Refrigerated Truck Quarterly](#)

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Data Sets:

- ◆ [Figure 1: Water route shipment costs \(\\$/mt\) to Veracruz, Mexico](#)
- ◆ [Figure 2: Land route shipment costs \(\\$/mt\) to Guadalajara, Mexico](#)
- ◆ [Table 1: Quarterly costs of transporting U.S. grain and soybeans to Mexico](#)
- ◆ [Table 2: Quarterly tariff rail rates for U.S. bulk grain shipments to Mexico \(US\\$/car\), 2015](#)
- ◆ [Table 3: Quarterly tariff plus fuel surcharge rail rates for U.S. bulk grain shipments to Mexico, 2015](#)
- ◆ [Table 4: Quarterly exports of U.S. Distillers' Dried Grains with Soluble \(DDGS\) to Mexico](#)
- ◆ [Table 5: Quarterly ocean freight rate for bulk shipments from the U.S. Gulf to Veracruz, Mexico \(US\\$/metric ton\)](#)
- ◆ [Table 6: U.S. livestock exports to Mexico by border crossing \(head\) April-May 2015](#)
- ◆ [Table 7: Fruit and vegetable truck rates for shipments between 500 and 1,500 miles crossing the U.S.-Mexico border \(US\\$/mile\)](#)
- ◆ [Table 8: Quarterly U.S.-Mexico border crossing fresh fruit and vegetables truck availability, 2nd quarter, 2015](#)
- ◆ [Table 9: Top ten commodities shipped to the U.S. from Mexico \(10,000 lbs\)](#)
- ◆ [Table 10: Top five commodities shipped to the U.S. from Mexico \(10,000 lbs.\)](#)

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