



# Agricultural Refrigerated Truck Quarterly

a quarterly publication of the Agricultural Marketing Service

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# QUARTERLY OVERVIEW

## Fruit and Vegetable Shipments

During the third quarter of 2019, reported U.S. truck shipments of fresh produce were 8.29 million tons, 19 percent lower than the previous quarter and 6 percent lower than the same quarter last year.

Also, in the third quarter, shipments from California were higher than those from any other origin, totaling 3.01 million tons and accounting for 36 percent of the total reported shipments of fresh fruits and vegetables. Movements from Mexico totaled 1.74 million tons, representing 21 percent of the reported total. Shipments from the Pacific Northwest totaled 1.55 million tons, representing 19 percent of the reported shipments.

These top five commodities accounted for 43 percent of the reported truck movements during the third quarter of 2019:

- ▶ Potatoes (13 percent)
- ▶ Watermelon, seedless (11 percent)
- ▶ Apples (7 percent)
- ▶ Onions, dry (7 percent)
- ▶ Grapes (5 percent)

## Truck Rates

The table below provides a snapshot of quarterly truck rates for U.S. produce shipments over four mileage categories—0-500; 501-1,500; 1,501-2,500; and 2,500+ miles. Please note the U.S. average truck rates provided below were calculated using weighted regional rates and volumes.

### Average U.S. Truck Rates for Selected Routes between 501 and 1500 miles (\$/Mile)

|  | 0-500 miles | 501-1,500 miles | 1,501-2,500 miles | 2,501+ miles |
|--|-------------|-----------------|-------------------|--------------|
| <b>Q3 2018</b>                               | 5.14        | 2.74            | 2.72              | 1.62         |
| <b>Q4 2018</b>                               | 3.35        | 2.84            | 2.67              | 1.54         |
| <b>Q1 2019</b>                               | 2.90        | 2.59            | 2.46              | 1.30         |
| <b>Q2 2019</b>                               | 2.87        | 2.60            | 2.13              | 1.24         |
| <b>Q3 2019</b>                               | 4.95        | 2.45            | 2.30              | 1.30         |
| <b>Q3 Change from Previous Quarter</b>       | 72%         | -6%             | 8%                | 5%           |
| <b>Q3 Change from Same Quarter Last Year</b> | -4%         | -11%            | -15%              | -20%         |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

## Diesel Fuel

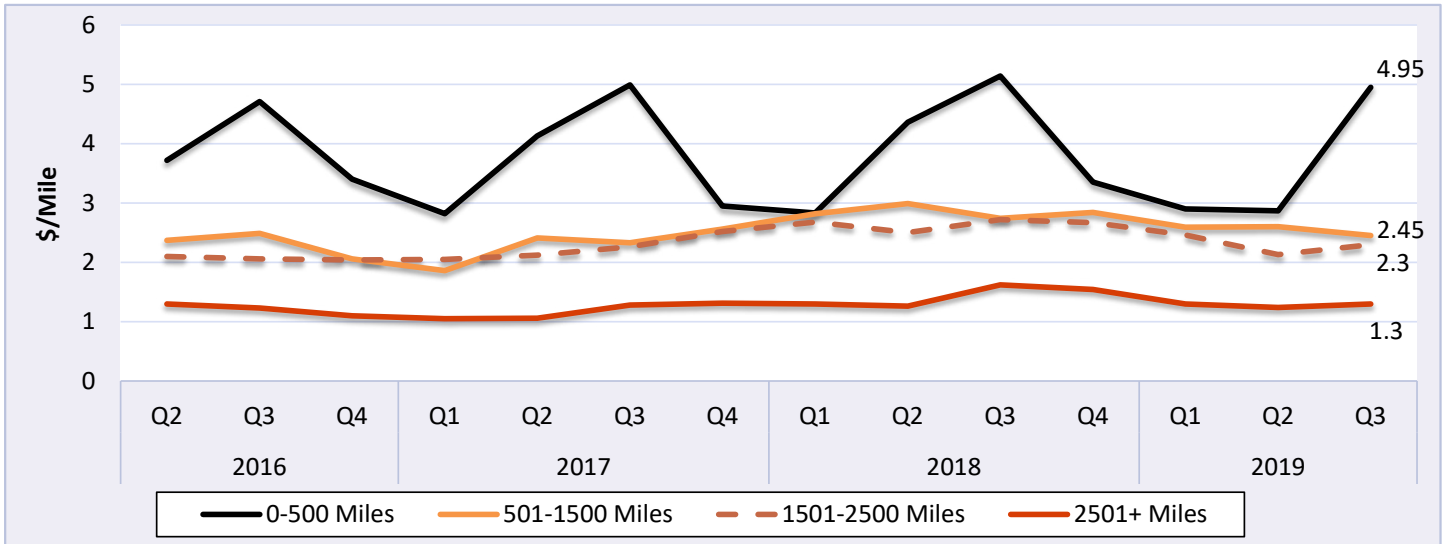
During the third quarter 2019, the U.S. diesel fuel price averaged \$3.02 per gallon—3 percent lower than the previous quarter and 7 percent lower than the same quarter last year.



# NATIONAL SUMMARY

## Truck Rates

Figure 1: Average Truck Rates for Selected Routes (\$/Mile)



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data

Table 1: Average U.S. Truck Rates for Selected Routes between 501 and 1500 miles (\$/Mile)

| Year | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Annual |
|------|-------------|-------------|-------------|-------------|--------|
| 2019 | 2.59        | 2.60        | 2.45        |             | 2.54   |
| 2018 | 2.82        | 2.99        | 2.74        | 2.84        | 2.85   |
| 2017 | 1.86        | 2.41        | 2.33        | 2.56        | 2.29   |
| 2016 | 2.22        | 2.37        | 2.49        | 2.06        | 2.28   |
| 2015 | 2.47        | 2.63        | 2.59        | 2.36        | 2.51   |
| 2014 | 2.32        | 2.67        | 2.64        | 2.49        | 2.53   |
| 2013 | 2.24        | 2.60        | 2.62        | 2.31        | 2.44   |
| 2012 | 2.10        | 2.54        | 2.45        | 2.29        | 2.35   |
| 2011 | 2.02        | 2.60        | 2.77        | 2.26        | 2.41   |
| 2010 | 1.82        | 2.21        | 2.33        | 1.94        | 2.08   |
| 2009 | 1.85        | 1.99        | 2.02        | 1.86        | 1.93   |
| 2008 | 2.02        | 2.56        | 2.77        | 2.24        | 2.40   |
| 2007 | 1.89        | 2.23        | 2.25        | 2.03        | 2.10   |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Table 2: Quarterly Rates for Key Origins by Month; 501-1500 miles (\$/Mile)**

| Origin         | 3rd Quarter, 2019 |        |           | 2nd Quarter, 2019 |      |      |
|----------------|-------------------|--------|-----------|-------------------|------|------|
|                | July              | August | September | April             | May  | June |
| Arizona        | 3.05              | n/a    | n/a       | 3.33              | n/a  | 3.12 |
| Arizona-Mexico | 2.52              | n/a    | n/a       | 2.60              | 2.68 | 2.83 |
| California     | 2.97              | 2.95   | 2.81      | 2.59              | 2.62 | 2.83 |
| Florida        | 2.79              | n/a    | n/a       | 2.33              | 2.66 | 2.77 |
| Great Lakes    | 3.40              | 3.48   | 3.60      | 3.48              | 3.51 | 3.44 |
| New York       | 2.76              | n/a    | 2.05      | 2.76              | 2.76 | 2.76 |
| Other          | 2.44              | 2.37   | 2.28      | 2.85              | 2.40 | 2.38 |
| PNW            | 1.90              | 1.87   | 1.98      | 2.01              | 1.94 | 1.88 |
| Southeast      | 4.02              | 4.83   | 5.55      | 3.99              | 3.94 | 3.83 |
| Texas          | 2.18              | 2.20   | 2.18      | 2.48              | 2.37 | 2.37 |
| Texas-Mexico   | 2.05              | 2.07   | 2.00      | 2.34              | 2.26 | 2.22 |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

Note: "n/a" indicates rates not available.

Note: The rates for 8 long-haul fruit and vegetable truck corridors are included in the national rate, weighted by commodity and origin volume.

## Truck Rates for Selected Routes

**Table 3: Origin-Destination Truck Rates for Selected Routes, 3rd Quarter 2019 (\$/Mile)**

| U.S. Origin    | Destination |           |        |         |        |             |       |          |              |         |
|----------------|-------------|-----------|--------|---------|--------|-------------|-------|----------|--------------|---------|
|                | Atlanta     | Baltimore | Boston | Chicago | Dallas | Los Angeles | Miami | New York | Philadelphia | Seattle |
| Arizona        | 2.62        | 2.62      | 2.58   | 2.42    | 3.05   | n/a         | 2.70  | 2.62     | 2.58         | n/a     |
| Arizona-Mexico | 2.59        | n/a       | n/a    | 2.28    | 2.79   | 2.25        | 2.44  | 2.55     | 2.52         | n/a     |
| California     | 2.44        | 2.38      | 2.37   | 2.25    | 2.61   | 4.75        | 2.39  | 2.39     | 2.39         | 3.02    |
| Florida        | 2.50        | 3.15      | 2.81   | 1.98    | n/a    | n/a         | n/a   | 2.99     | 3.03         | n/a     |
| Great Lakes    | 3.21        | 4.02      | 3.29   | 4.36    | 2.56   | n/a         | 2.88  | 3.97     | 3.76         | n/a     |
| New York       | 2.31        | 4.81      | 9.87   | 3.27    | n/a    | n/a         | 2.30  | 10.76    | 6.71         | n/a     |
| Other          | 2.93        | 2.45      | 2.19   | 2.47    | 4.15   | 2.01        | 2.19  | 2.50     | 2.40         | n/a     |
| PNW            | 2.31        | 2.29      | 2.26   | 2.44    | 2.15   | 1.92        | 2.21  | 2.38     | 2.30         | 7.86    |
| Southeast      | 6.22        | 7.53      | 4.79   | 3.31    | 3.18   | 1.51        | 5.25  | 6.03     | 6.38         | n/a     |
| Texas          | 2.27        | 2.23      | 2.24   | 2.11    | 3.19   | 1.57        | 2.18  | 2.40     | 2.27         | 2.08    |
| Texas-Mexico   | 2.08        | 2.15      | 2.17   | 2.00    | 2.69   | 1.49        | 2.07  | 2.27     | 2.15         | 2.00    |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

Note: "n/a" indicates rates not available



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Table 4: Origin-Destination Truck Rates for Selected Routes, 3rd Quarter 2019 (\$/Truck)**

| U.S. Origin    | Destination |           |        |         |        |             |       |          |              |         |
|----------------|-------------|-----------|--------|---------|--------|-------------|-------|----------|--------------|---------|
|                | Atlanta     | Baltimore | Boston | Chicago | Dallas | Los Angeles | Miami | New York | Philadelphia | Seattle |
| Arizona        | 5,510       | 6,810     | 7,470  | 4,910   | 3,960  | n/a         | 7,020 | 7,070    | 6,840        | n/a     |
| Arizona-Mexico | 4,663       | n/a       | n/a    | 4,113   | 2,738  | 1,263       | 5,550 | 6,363    | 6,050        | n/a     |
| California     | 5,483       | 6,542     | 7,263  | 4,779   | 3,929  | 1,054       | 6,817 | 6,823    | 6,706        | 3,296   |
| Florida        | 1,100       | 2,800     | 3,600  | 2,300   | n/a    | n/a         | n/a   | 3,200    | 3,000        | n/a     |
| Great Lakes    | 2,774       | 3,042     | 3,616  | 1,026   | 2,892  | n/a         | 4,669 | 3,385    | 3,055        | n/a     |
| New York       | 2,307       | 1,586     | 1,679  | 2,750   | n/a    | n/a         | 3,336 | 1,614    | 1,543        | n/a     |
| Other          | 2,636       | 4,388     | 4,720  | 2,234   | 2,078  | 1,869       | 4,498 | 4,511    | 4,432        | n/a     |
| PNW            | 5,359       | 5,630     | 6,193  | 4,349   | 3,941  | 1,948       | 6,189 | 6,037    | 5,754        | 1,100   |
| Southeast      | 2,157       | 2,859     | 3,846  | 2,811   | 3,508  | 3,550       | 3,789 | 3,507    | 3,080        | n/a     |
| Texas          | 2,405       | 3,835     | 4,755  | 2,870   | 1,370  | 2,390       | 3,190 | 4,565    | 4,140        | 4,830   |
| Texas-Mexico   | 2,392       | 3,850     | 4,781  | 2,854   | 1,346  | 2,388       | 3,162 | 4,546    | 4,077        | 4,808   |

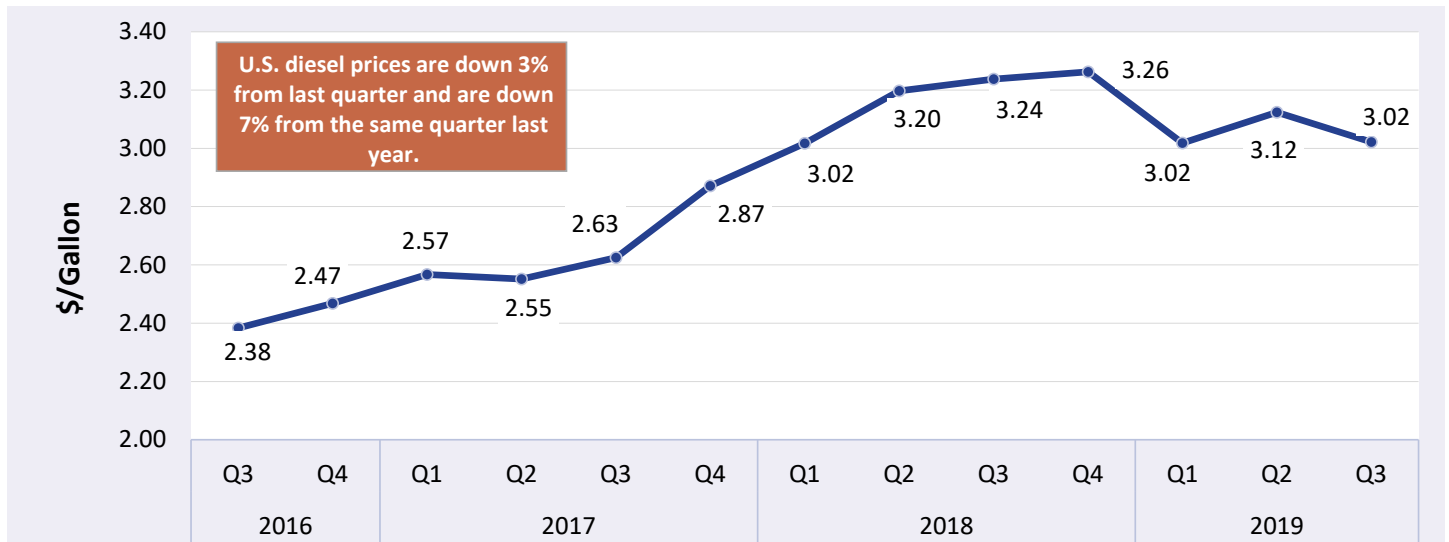
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

Note: "n/a" indicates rates not available

## U.S. Diesel Fuel Prices

The diesel fuel price provides a proxy for trends in U.S. truck rates. Diesel fuel is a significant component underlying truck rates.

**Figure 2: U.S. Average On-Highway Diesel Fuel Prices**



Source: AMS Transportation Services Division analysis of Energy Information Administration/U.S. Department of Energy data.



# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Table 5: Average Diesel Fuel Prices (All Types)**

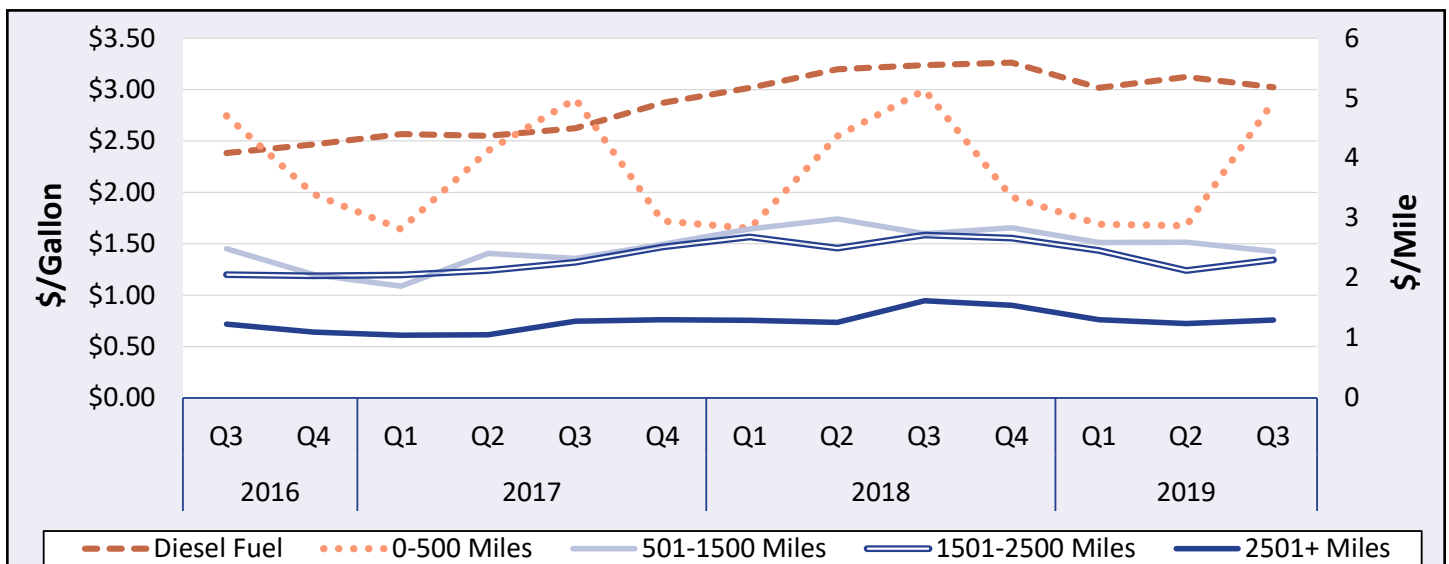
| Region                       | 3rd Quarter 2019 Price<br>\$/Gallon | Change From Last<br>Quarter | Change From Same<br>Quarter Last Year |
|------------------------------|-------------------------------------|-----------------------------|---------------------------------------|
| East Coast                   | 3.04                                | -3%                         | -6%                                   |
| California                   | 3.93                                | -3%                         | -1%                                   |
| New England                  | 3.08                                | -4%                         | -6%                                   |
| Central Atlantic             | 3.22                                | -4%                         | -5%                                   |
| Lower Atlantic               | 2.91                                | -3%                         | -6%                                   |
| Gulf Coast                   | 2.78                                | -3%                         | -8%                                   |
| Midwest                      | 2.93                                | -3%                         | -8%                                   |
| Rocky Mountain               | 2.97                                | -5%                         | -12%                                  |
| West Coast Except California | 3.18                                | -3%                         | -8%                                   |
| <b>U.S.</b>                  | <b>3.02</b>                         | <b>-3%</b>                  | <b>-7%</b>                            |

Source: AMS Transportation Services Division analysis of Energy Information Administration/U.S. Department of Energy data.

## Relationship Between Diesel Fuel and Truck Rates

The diesel fuel price provides a proxy for trends in U.S. truck rates. Diesel fuel is a significant expense for fruit and vegetable movements.

**Figure 3: U.S. Average On-Highway Diesel Fuel Prices and Truck Rates**



Sources: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data and Energy Information Administration/U.S. Department of Energy data.



# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Table 6: Average Diesel Fuel Prices and Truck Rates**

| Year        | Quarter | Diesel Fuel (\$/gallon) | Truck Rates (\$/mile) 501-1500 miles | % Change From |       |           |       |
|-------------|---------|-------------------------|--------------------------------------|---------------|-------|-----------|-------|
|             |         |                         |                                      | Last Quarter  |       | Last Year |       |
|             |         |                         |                                      | Diesel        | Truck | Diesel    | Truck |
| <b>2016</b> | Q3      | 2.38                    | 2.49                                 | 4%            | 5%    | -9%       | -4%   |
|             | Q4      | 2.47                    | 2.06                                 | 4%            | -17%  | 1%        | -13%  |
| <b>2017</b> | Q1      | 2.57                    | 1.86                                 | 4%            | -9%   | 24%       | -16%  |
|             | Q2      | 2.55                    | 2.41                                 | -1%           | 29%   | 11%       | 2%    |
|             | Q3      | 2.63                    | 2.33                                 | 3%            | -4%   | 10%       | -7%   |
|             | Q4      | 2.87                    | 2.56                                 | 9%            | 10%   | 16%       | 25%   |
| <b>2018</b> | Q1      | 3.02                    | 2.82                                 | 5%            | 10%   | 18%       | 51%   |
|             | Q2      | 3.20                    | 2.99                                 | 6%            | 6%    | 25%       | 24%   |
|             | Q3      | 3.24                    | 2.74                                 | 1%            | -8%   | 23%       | 18%   |
|             | Q4      | 3.26                    | 2.84                                 | 1%            | 4%    | 14%       | 11%   |
| <b>2019</b> | Q1      | 3.02                    | 2.59                                 | -8%           | -9%   | 0%        | -8%   |
|             | Q2      | 3.12                    | 2.60                                 | 4%            | 0%    | -2%       | -13%  |
|             | Q3      | 3.02                    | 2.45                                 | -3%           | -6%   | -7%       | -11%  |

Sources: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data and Energy Information Administration/U.S. Department of Energy data.



# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

## Quarterly Truck Availability

**Table 7: U.S. Fresh Fruit and Vegetable Truck Availability**

| Truck availability legend   |  |            |                   |             |             |             |            |             |             |             |            |             |             |             |
|---|--|------------|-------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| 1=Surplus   | 2=Slight surplus   | 3=Adequate | 4=Slight shortage |             |             |             | 5=Shortage |             |             |             |            |             |             |             |
| <b>California, Central, And Western Arizona</b>   | <b>Commodity</b>   | <b>7/2</b> | <b>7/9</b>        | <b>7/16</b> | <b>7/23</b> | <b>7/30</b> | <b>8/6</b> | <b>8/13</b> | <b>8/20</b> | <b>8/27</b> | <b>9/3</b> | <b>9/10</b> | <b>9/17</b> | <b>9/24</b> |
| <b>Imperial, Palo Verde And Coachella Valleys, California And Central And Western Arizona</b> | Watermelons, Cantaloups, Honeydews, Bell Peppers, Corn, Miscellaneous, Melons                      | 3          | 3                 | 3           | 3           | 3           |            |             |             |             |            |             |             |             |
| <b>Kern District California</b>   | Carrots, Grapes  | 3          | 3                 | 3           | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>Mexico Crossings Through Nogales, Arizona</b>  | Mangos, Grapes, Melons   | 3          | 3                 | 3           | 3           |             |            |             |             |             |            |             |             |             |
| <b>Northern California Including San Joaquin Valley</b>                                       | Pears  |            |                   |             | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>Oxnard District California</b>   | Celery, Strawberries, Cilantro, Kale, Parsley  | 3          |                   |             |             |             |            |             |             |             |            |             |             |             |
| <b>Salinas-Watsonville California</b>   | Broccoli, Strawberries, Cauliflower, Iceberg Lettuce, Romaine, Leaf Lettuce                        | 3          | 3                 | 3           | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>San Joaquin Valley California</b>  | Peaches, Nectarines, Plums, Grapes, Watermelons, Honeydews, Cantaloups, Bell Peppers, Corn, Onions | 3          | 3                 | 3           | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>Santa Maria California</b>   | Broccoli, Strawberries, Cauliflower, Lettuce, Romaine, Leaf Lettuce, Celery                        | 3          | 3                 | 3           | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>South District California</b>  | Citrus, Avocados   | 3          | 3                 | 3           | 3           | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>Florida</b>  | <b>Commodity</b>   | <b>7/2</b> | <b>7/9</b>        | <b>7/16</b> | <b>7/23</b> | <b>7/30</b> | <b>8/6</b> | <b>8/13</b> | <b>8/20</b> | <b>8/27</b> | <b>9/3</b> | <b>9/10</b> | <b>9/17</b> | <b>9/24</b> |
| <b>North, Central &amp; South Florida</b>   | Tomatoes, Melons   | 3          |                   |             |             |             |            |             |             |             |            |             |             |             |
| <b>Great Lakes (MI &amp; WI)</b>  | <b>Commodity</b>   | <b>7/2</b> | <b>7/9</b>        | <b>7/16</b> | <b>7/23</b> | <b>7/30</b> | <b>8/6</b> | <b>8/13</b> | <b>8/20</b> | <b>8/27</b> | <b>9/3</b> | <b>9/10</b> | <b>9/17</b> | <b>9/24</b> |
| <b>Central Wisconsin</b>  | Potatoes, Onions   | 3          | 3                 | 3           | 3           |             | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |
| <b>Michigan</b>   | Cucumbers, Apples, Cux   |            |                   |             |             | 3           | 3          | 3           | 3           | 3           | 3          | 3           | 3           | 3           |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data

Note: Empty cells were not reported.





## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Table 7, continued: U.S. Fresh Fruit and Vegetable Truck Availability**

| Truck availability legend                      |   |                  |                   |            |      |      |     |      |      |      |     |      |      |      |
|--|---|------------------|-------------------|------------|------|------|-----|------|------|------|-----|------|------|------|
| 1=Surplus                                      | 2=Slight surplus                                      | 3=Adequate       | 4=Slight shortage | 5=Shortage |      |      |     |      |      |      |     |      |      |      |
| <b>U.S.-Mexico border</b>                      |   | <b>Commodity</b> |                   |            |      |      |     |      |      |      |     |      |      |      |
|  |   | 7/2              | 7/9               | 7/16       | 7/23 | 7/30 | 8/6 | 8/13 | 8/20 | 8/27 | 9/3 | 9/10 | 9/17 | 9/24 |
| Nogales, Arizona                               | Mangos, Grapes, Melons                                | 3                | 3                 | 3          | 3    |      |     |      |      |      |     |      |      |      |
| Texas  | Limes, Tomatoes, Broccoli, Mixed Fruit and Vegetables | 3                | 1                 | 1          | 1    | 1    | 1   | 1    | 1    | 1    | 3   | 3    | 3    | 3    |
| Southern New Mexico                            | Onions  |                  | 2                 | 2          | 2    | 2    | 2   | 2    | 2    |      |     |      |      |      |
| <b>Pacific Northwest (ID, OR, &amp; WA)</b>    |   | <b>Commodity</b> |                   |            |      |      |     |      |      |      |     |      |      |      |
|  |   | 7/2              | 7/9               | 7/16       | 7/23 | 7/30 | 8/6 | 8/13 | 8/20 | 8/27 | 9/3 | 9/10 | 9/17 | 9/24 |
| Columbia Basin Washington                      | Potatoes, Onions                                      | 3                | 3                 | 3          | 3    | 3    | 3   | 3    | 3    | 3    | 3   | 3    | 3    | 3    |
| Idaho And Malheur County, Oregon               | Onions  |                  |                   |            |      |      |     |      |      |      |     | 3    | 3    | 3    |
| Upper Valley, Twin Falls-Burley District Idaho | Potatoes  | 3                | 3                 | 3          | 3    | 3    | 3   | 3    | 3    | 3    | 3   | 4    | 4    | 4    |
| Yakima Valley & Wenatchee District Washington  | Apples, Pears, Peaches, Nectarines, Cherries          | 3                | 3                 | 3          |      | 3    | 3   | 3    | 3    | 3    | 3   | 3    | 3    | 3    |
| <b>Southeast (GA, SC, &amp; NC)</b>            |   | <b>Commodity</b> |                   |            |      |      |     |      |      |      |     |      |      |      |
|  |   | 7/2              | 7/9               | 7/16       | 7/23 | 7/30 | 8/6 | 8/13 | 8/20 | 8/27 | 9/3 | 9/10 | 9/17 | 9/24 |
| Eastern North Carolina                         | Sweet Potatoes  | 4                | 4                 | 4          | 3    | 3    | 3   | 3    | 3    | 3    | 3   | 3    | 3    | 3    |
| North Carolina                                 | Melons  |                  |                   | 3          | 3    | 4    | 3   | 3    | 3    | 3    | 3   | 4    | 3    |      |
| South Carolina                                 | Melons, Tomatoes                                      | 4                | 3                 | 3          | 3    | 3    |     |      |      |      |     |      |      |      |
| South Georgia                                  | Melons, Peaches, Eggplant, Squash                     | 3                | 3                 | 3          |      |      |     |      |      |      |     |      |      |      |
| Vidalia District Georgia                       | Onions  |                  | 2                 | 2          | 2    | 2    | 2   | 2    | 2    |      |     |      |      |      |
| <b>Texas and Oklahoma</b>                      |   | <b>Commodity</b> |                   |            |      |      |     |      |      |      |     |      |      |      |
|  |   | 7/2              | 7/9               | 7/16       | 7/23 | 7/30 | 8/6 | 8/13 | 8/20 | 8/27 | 9/3 | 9/10 | 9/17 | 9/24 |
| Lower Rio Grande Valley, Texas                 | Onions, Cabbage, Oranges, Grapefruit                  | 3                | 1                 | 1          | 1    | 1    | 1   | 1    | 1    | 1    | 3   |      |      |      |

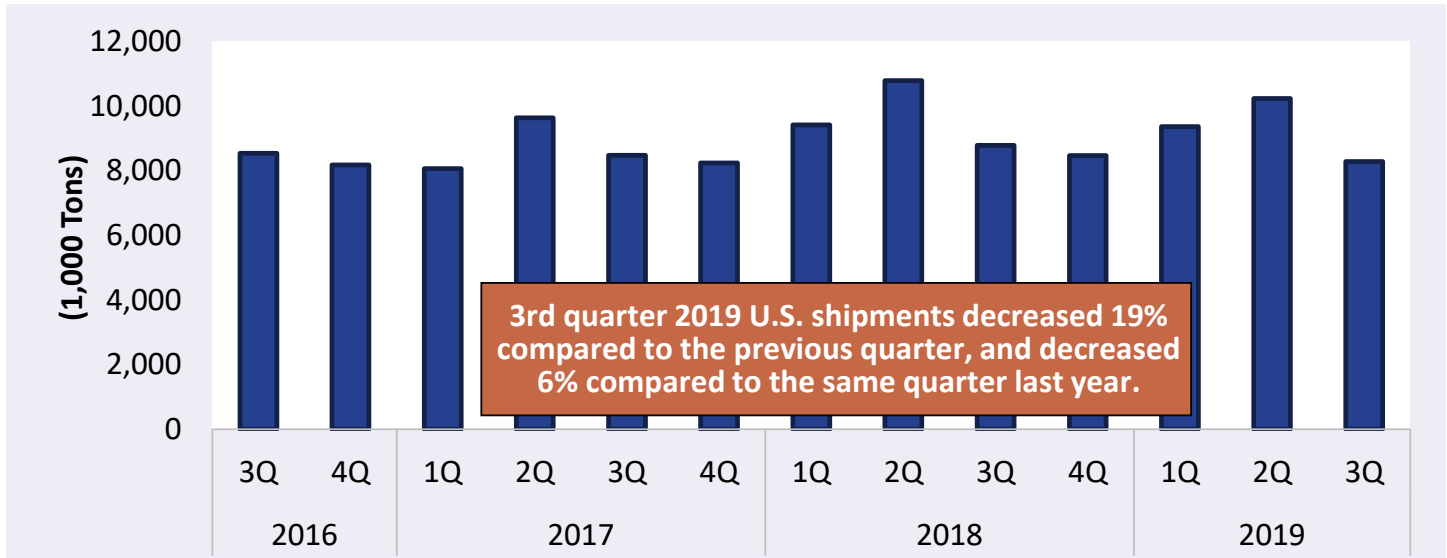
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data

Note: Empty cells were not reported.



## Reported U.S. Shipments

**Figure 4: Reported U.S. Fruit and Vegetable Shipments (1,000 Tons)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data

**Table 8: Reported U.S. Fruit and Vegetable Shipments (1,000 Tons)**

| Year | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Annual |
|------|-------------|-------------|-------------|-------------|--------|
| 2019 | 9,370       | 10,240      | 8,291       | 8,474       | 27,900 |
| 2018 | 9,419       | 10,795      | 8,789       | 8,474       | 37,478 |
| 2017 | 8,072       | 9,642       | 8,479       | 8,241       | 34,433 |
| 2016 | 8,094       | 9,761       | 8,541       | 8,188       | 34,583 |
| 2015 | 8,118       | 9,630       | 8,324       | 7,771       | 33,842 |
| 2014 | 7,733       | 9,139       | 8,080       | 7,725       | 32,677 |
| 2013 | 7,451       | 8,972       | 7,762       | 6,546       | 30,731 |
| 2012 | 7,577       | 9,008       | 7,774       | 7,532       | 31,890 |
| 2011 | 7,007       | 8,981       | 7,887       | 7,988       | 31,863 |
| 2010 | 7,065       | 8,881       | 7,985       | 7,522       | 31,454 |
| 2009 | 7,158       | 8,728       | 7,990       | 7,270       | 31,147 |
| 2008 | 7,059       | 8,666       | 7,426       | 6,904       | 30,057 |
| 2007 | 6,959       | 8,585       | 7,475       | 7,099       | 30,118 |
| 2006 | 6,335       | 8,400       | 7,854       | 6,960       | 29,550 |
| 2005 | 6,877       | 8,324       | 7,737       | 7,387       | 30,325 |
| 2004 | 6,867       | 8,331       | 6,876       | 6,732       | 28,807 |
| 2003 | 6,824       | 8,013       | 7,043       | 6,684       | 28,564 |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data



## Reported Shipments by Selected Commodities

**Table 9: Reported Top 10 Commodity Shipments (1,000 Tons)**

| Commodity             | 3rd Quarter 2019 | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|-----------------------|------------------|------------------|------------------------|-----------------------------------|--------------------|
|                       |                  |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| Potatoes              | 1,062            | 1,078            | 1,105                  | -1%                               | -4%                |
| Watermelons, Seedless | 907              | 1,272            | 1,026                  | -29%                              | -12%               |
| Apples                | 621              | 685              | 608                    | -9%                               | 2%                 |
| Onions Dry            | 564              | 654              | 574                    | -14%                              | -2%                |
| Grapes                | 386              | 223              | 371                    | 73%                               | 4%                 |
| Lettuce, Iceberg      | 324              | 351              | 321                    | -8%                               | 1%                 |
| Cantaloups            | 296              | 180              | 358                    | 65%                               | -17%               |
| Strawberries          | 288              | 381              | 311                    | -24%                              | -7%                |
| Tomatoes              | 273              | 329              | 292                    | -17%                              | -7%                |
| Avocados              | 265              | 190              | 235                    | 40%                               | 13%                |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data

**Table 10: Reported Top 10 Regions (1,000 Tons)**

| Origin      | 3rd Quarter 2019 Volume | % Change from Last Quarter | % Change From Same Quarter Last Year |
|-------------|-------------------------|----------------------------|--------------------------------------|
| California  | 3012                    | -1%                        | -16%                                 |
| Mexico      | 1743                    | -35%                       | 18%                                  |
| PNW         | 1551                    | 3%                         | -3%                                  |
| Other       | 433                     | 63%                        | -13%                                 |
| Southeast   | 379                     | -50%                       | -10%                                 |
| Great Lakes | 336                     | 213%                       | -5%                                  |
| Texas       | 210                     | -42%                       | 10%                                  |
| Indiana     | 187                     | n/a                        | -24%                                 |
| Colorado    | 159                     | -15%                       | 24%                                  |
| Midatlantic | 106                     | 773%                       | 2%                                   |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data



# REGIONAL MARKETS

## California

### Volume

Total reported shipments of fruits and vegetables from California during the third quarter of 2019 were 3.01 million tons, a 16-percent decrease from the same quarter last year. The sum of the top five commodities decreased 6 percent from the same quarter last year. Except for a slight increase in reported grape shipments, each of the remaining top five commodities decreased from last year.

### Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was \$2.92 per mile, 9 percent higher than the previous quarter, but 8 percent lower than the same quarter last year.

### Truck Overview

Diesel fuel prices averaged \$3.93 per gallon, 3 percent lower than the previous quarter and 1 percent lower than the same period last year. On average, shippers reported adequate truck availability in all California districts throughout the quarter.

**Table 11: Reported Top Five Commodities Shipped from California (1,000 tons)**

| Commodity               | 3rd Quarter 2019 | Share of California Total | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|-------------------------|------------------|---------------------------|------------------|------------------------|-----------------------------------|--------------------|
|                         |                  |                           |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| <b>Grapes</b>           | 369              | 12%                       | 24               | 368                    | 1,418%                            | 0%                 |
| <b>Lettuce, Iceberg</b> | 307              | 10%                       | 302              | 318                    | 2%                                | -3%                |
| <b>Strawberries</b>     | 288              | 10%                       | 362              | 311                    | -20%                              | -7%                |
| <b>Cantaloups</b>       | 263              | 9%                        | 38               | 316                    | 594%                              | -17%               |
| <b>Lettuce, Romaine</b> | 239              | 8%                        | 233              | 241                    | 2%                                | -1%                |
| <b>Top 5 Total</b>      | <b>1,467</b>     | <b>49%</b>                | <b>959</b>       | <b>1,554</b>           | <b>53%</b>                        | <b>-6%</b>         |
| <b>California Total</b> | <b>3,012</b>     | <b>100%</b>               | <b>3,028</b>     | <b>3,589</b>           | <b>-1%</b>                        | <b>-16%</b>        |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

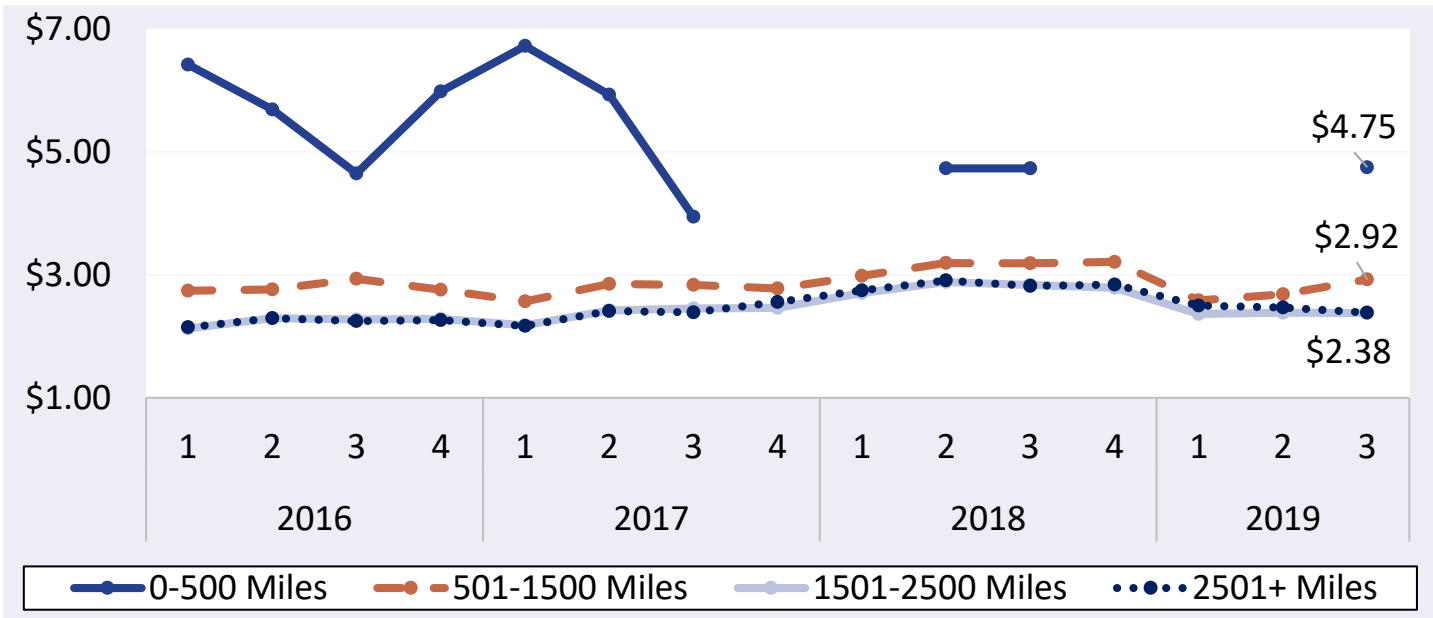
"-" indicates no reported shipments during the quarter.



# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 5: California Truck Rates (\$/Mile by Distance Travelled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

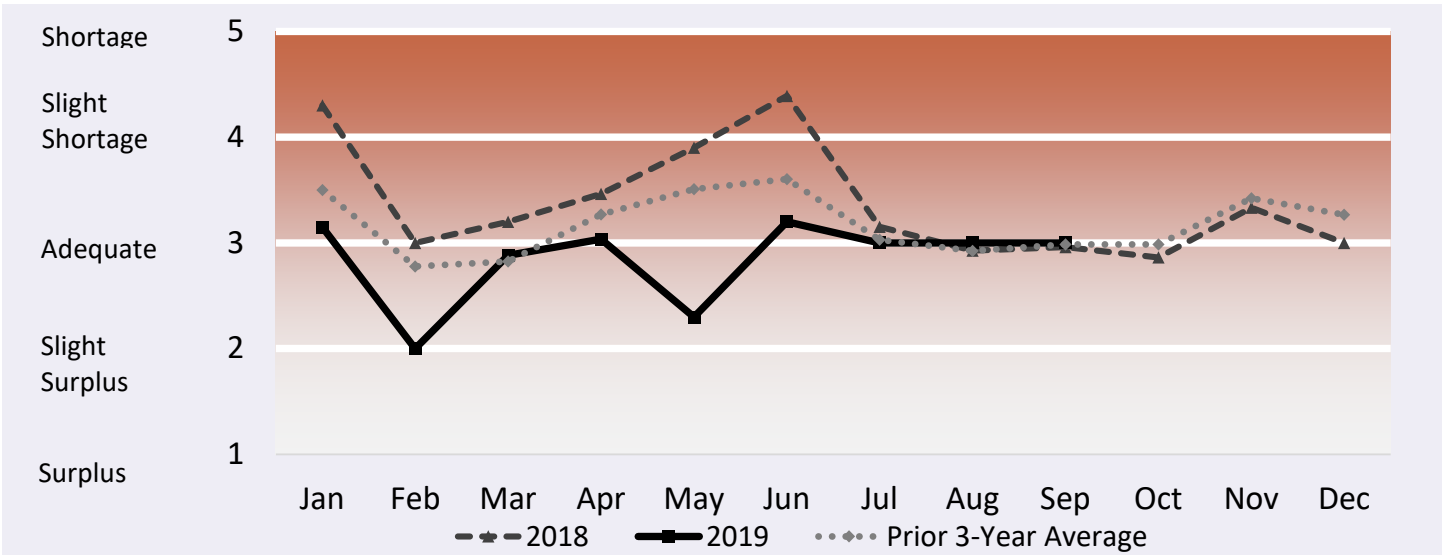
**Table 12: California Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)**

| Region/Reporting District  | Availability Rating, 1=Surplus to 5=Shortage |             |             |             |
|--|--|-------------|-------------|-------------|
|  | July   | August      | September   | 3rd Quarter |
| Imperial, Palo Verde And Coachella Valleys, California And Central And Western Arizona | 3  | -           | -           | 3           |
| Kern District California   | 3  | 3           | 3           | 3           |
| Oxnard District California   | 3  | -           | -           | 3           |
| Salinas-Watsonville California   | 3  | 3           | 3           | 3           |
| San Joaquin Valley California  | 3  | 3           | 3           | 3           |
| Santa Maria California   | 3  | 3           | 3           | 3           |
| South District California  | 3  | 3           | 3           | 3           |
| Regional Average Availability  | 3  | 3           | 3           | 3           |
| <b>Diesel Fuel Price (\$/gallon)</b>   | <b>3.95</b>                                  | <b>3.91</b> | <b>3.92</b> | <b>3.93</b> |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. "-" indicates no reported shipments during the quarter.



**Figure 6: Refrigerated Truck Availability Monthly Ratings for California**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.  
 Gaps in the chart lines are the result of quarters with no reported data for the region.



## U.S.-Mexico border

### Volume

During the third quarter of 2019, total reported shipments of fruits and vegetables from Mexico were 1.74 million tons, 18 percent more than the same quarter last year. The sum of the top five commodities increased 15 percent from last year. Each of the top five commodities increased, with notable increases of avocados (20 percent), mangoes (23 percent), and plum type tomatoes (32 percent).

### Rates

Truck rates for shipments between 501 miles and 1,500 miles from the Arizona border crossings averaged \$2.52 per mile, down 6 percent from last quarter and 8 percent lower than the same quarter last year. Rates for shipments between 501 miles and 1,500 miles from the Texas border crossings averaged \$2.04 per mile, down 11 percent from the previous quarter and down 10 percent from the same quarter last year.

### Truck Overview

Diesel fuel prices for border crossings from Arizona averaged \$3.18 per gallon, 3 percent lower than the previous quarter and 8 percent lower than the same period last year. Diesel fuel prices for border crossings from Texas averaged \$2.78 per gallon, 3 percent lower than the previous quarter and 8 percent lower than the same quarter last year. Shippers reported truck availability through the Arizona border-crossing adequate in July; data was not available for August and September. At Texas border-crossing locations, truck availability ranged from “surplus” conditions in July and August to “adequate” in September.

**Table 13: Reported Top Five Commodities Shipped from Mexico (1,000 tons)**

| Commodity                  | 3rd Quarter 2019 | Share of Mexico Total | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|----------------------------|------------------|-----------------------|------------------|------------------------|-----------------------------------|--------------------|
|                            |                  |                       |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| <b>Avocados</b>            | 211              | 12%                   | 128              | 176                    | 64%                               | 20%                |
| <b>Limes</b>               | 166              | 10%                   | 116              | 161                    | 43%                               | 3%                 |
| <b>Mangoes</b>             | 147              | 8%                    | 129              | 119                    | 13%                               | 23%                |
| <b>Peppers, Other</b>      | 141              | 8%                    | 126              | 136                    | 12%                               | 4%                 |
| <b>Tomatoes, Plum Type</b> | 139              | 8%                    | 207              | 106                    | -33%                              | 32%                |
| <b>Top 5 Total</b>         | <b>803</b>       | <b>46%</b>            | <b>706</b>       | <b>698</b>             | <b>14%</b>                        | <b>15%</b>         |
| <b>Mexico Total</b>        | <b>1,743</b>     | <b>100%</b>           | <b>2,675</b>     | <b>1,483</b>           | <b>-35%</b>                       | <b>18%</b>         |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

“-” indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

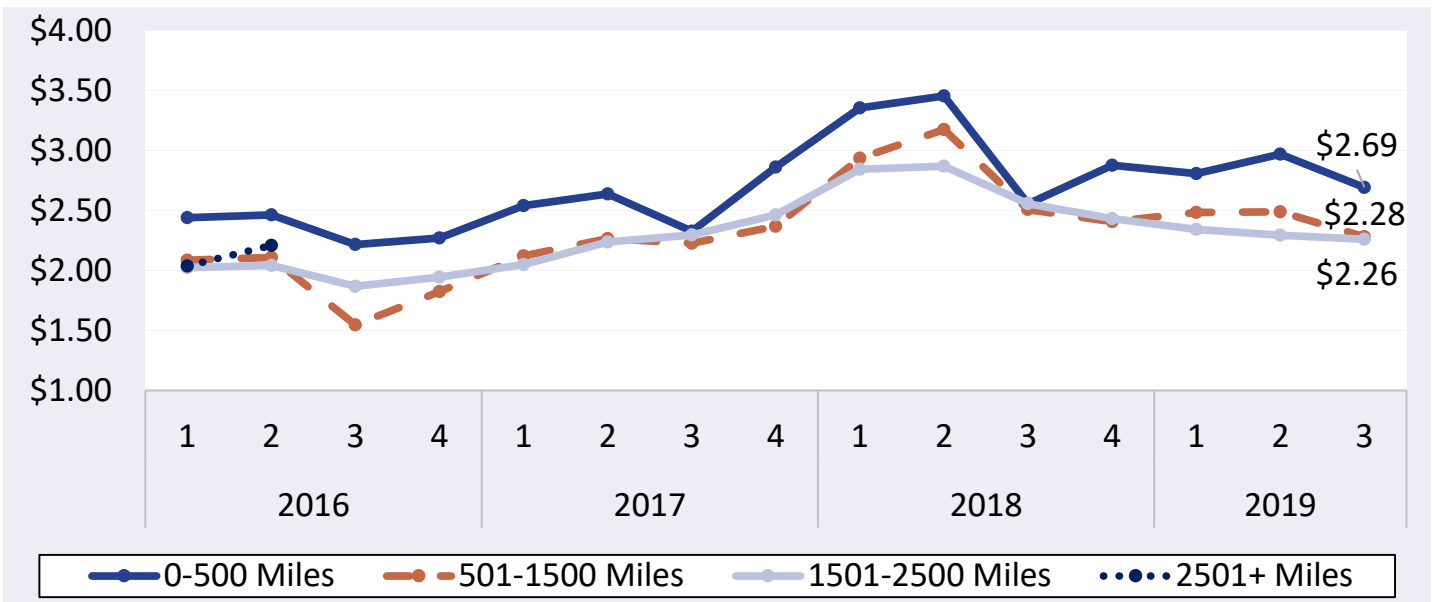
Quarter 3, 2019

**Table 14: Top 5 Commodities Shipped to U.S. from Mexico by State of Entry (1,000 tons)**

| Texas                          |                  | California                     |                  | Arizona                        |                  | New Mexico                     |                  |
|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
| Commodity                      | 3rd Quarter 2019 | Commodity                      | 3rd Quarter 2019 | Commodity                      | 3rd Quarter 2019 | Commodity                      | 3rd Quarter 2019 |
| Avocados                       | 206              | Cucumbers                      | 39               | Mangoes                        | 64               | Peppers, Other                 | 71               |
| Limes                          | 147              | Misc Tropical                  | 37               | Tomatoes                       | 21               | Onions Dry                     | 15               |
| Tomatoes, Plum Type            | 91               | Tomatoes, Plum Type            | 34               | Grapes                         | 16               | Misc Tropical                  | 1                |
| Mangoes                        | 82               | Onions Green                   | 32               | Tomatoes, Plum Type            | 14               |                                |                  |
| Tomatoes                       | 80               | Peppers, Other                 | 27               | Cucumbers                      | 12               |                                |                  |
| <b>Mexico through TX Total</b> | <b>1150</b>      | <b>Mexico through CA Total</b> | <b>316</b>       | <b>Mexico through AR Total</b> | <b>190</b>       | <b>Mexico through NM Total</b> | <b>87</b>        |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

**Figure 7: Truck Rates from U.S.-Mexico Border (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

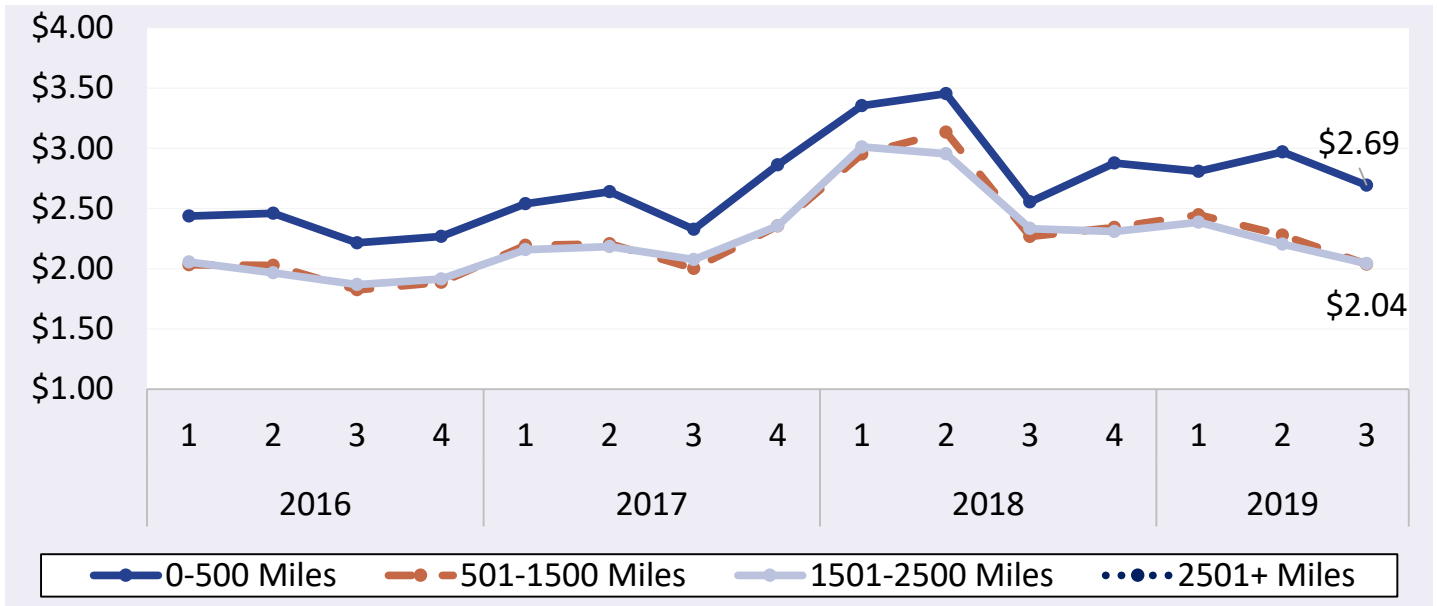




# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

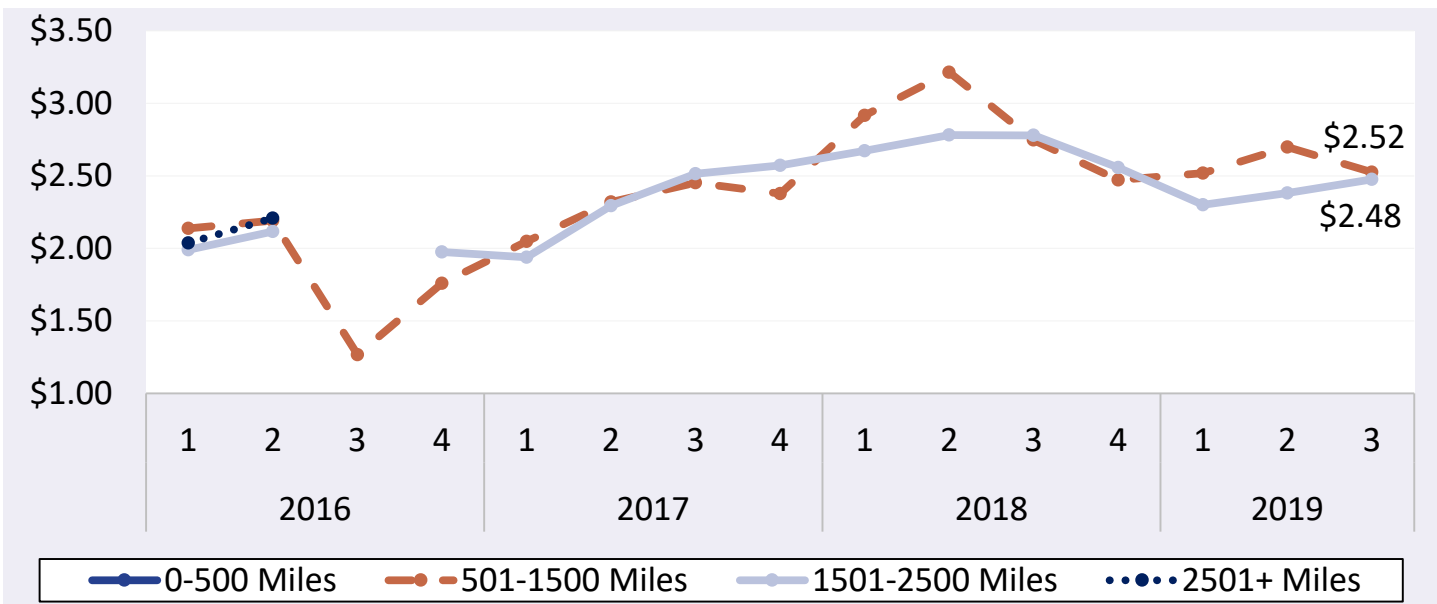
Quarter 3, 2019

**Figure 8: Texas Truck Rates from U.S.-Mexico Border (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

**Figure 9: Arizona Truck Rates from U.S.-Mexico Border (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

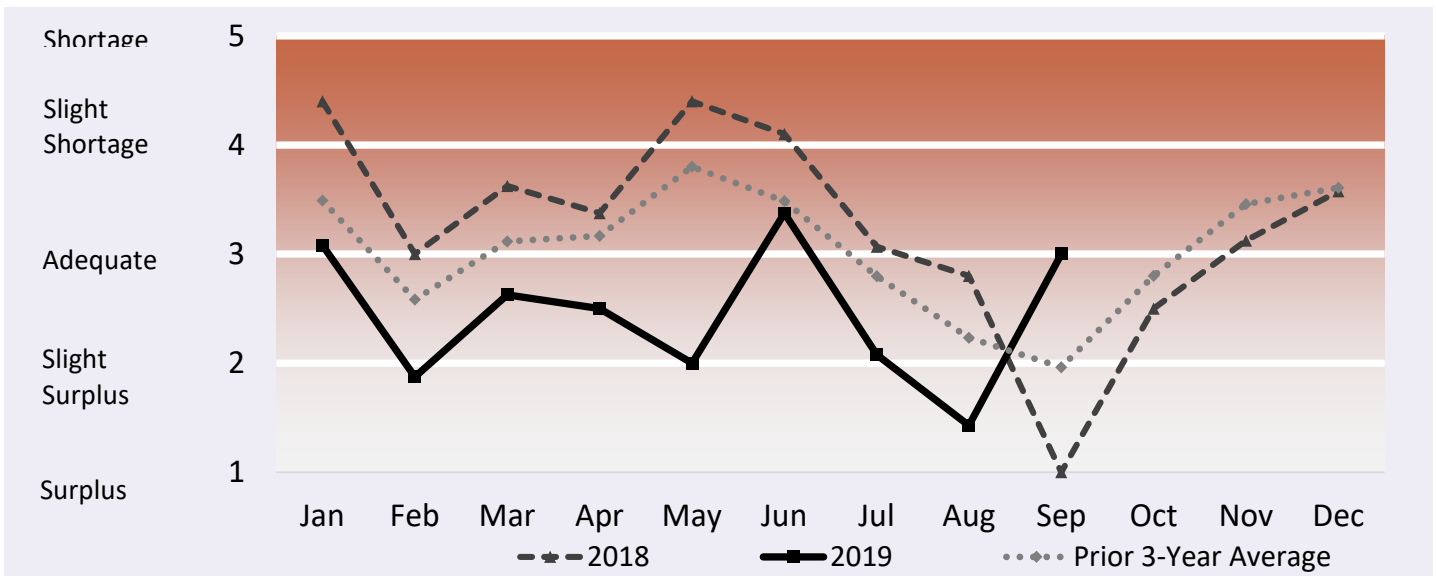


**Table 15: Truck Overview from the U.S.-Mexico Border**

| Region/Reporting District                      | Availability Rating, 1=Surplus to 5=Shortage |        |           |             |
|--|--|--------|-----------|-------------|
|  | July   | August | September | 3rd Quarter |
| Mexico Crossings Through Nogales, Arizona      | 3  | -      | -         | 3           |
| Mexico Crossings Through Texas                 | 1.4  | 1      | 3         | 1.8         |
| Regional Average Availability                  | 2.2  | 1      | 3         | 2.07        |
| Diesel Fuel Price (\$/gallon), through Texas   | 2.80   | 2.76   | 2.79      | 2.78        |
| Diesel Fuel Price (\$/gallon), through Arizona | 3.20   | 3.16   | 3.18      | 3.18        |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.  
 “-” indicates no reported shipments during the quarter.

**Figure 10: Refrigerated Truck Availability Monthly Ratings from the U.S-Mexico Border**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.  
 Gaps in the chart lines are the result of quarters with no reported data for the region.



## Pacific Northwest

### Volume

Total reported shipments of fruits and vegetables from the Pacific Northwest (PNW) during the third quarter of 2019 were 1.55 million tons, a decrease of 3 percent from the same quarter last year. Changes in volume varied among the top five commodities. Shipments of apples and pears increased, while dry onions, potatoes, and cherries decreased.

### Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was \$1.92 per mile, 2 percent lower than the previous quarter and 6 percent lower than the same quarter last year.

### Truck Overview

Diesel fuel prices averaged \$3.18 per gallon, 3 percent lower than the previous quarter and 8 percent lower than the same period last year. Shippers reported adequate truck availability throughout the majority of the quarter. The Upper Valley, Twin Falls-Burley District in Idaho reported a slight shortage in September.

**Table 16: Reported Top Five Commodities Shipped from the PNW (1,000 tons)**

| Commodity          | 3rd Quarter 2019 | Share of PNW Total | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|--------------------|------------------|--------------------|------------------|------------------------|-----------------------------------|--------------------|
|                    |                  |                    |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| <b>Apples</b>      | 558              | 36%                | 617              | 545                    | -10%                              | 2%                 |
| <b>Potatoes</b>    | 547              | 35%                | 517              | 572                    | 6%                                | -4%                |
| <b>Onions Dry</b>  | 242              | 16%                | 203              | 259                    | 19%                               | -7%                |
| <b>Cherries</b>    | 107              | 7%                 | 81               | 128                    | 31%                               | -17%               |
| <b>Pears</b>       | 52               | 3%                 | 84               | 48                     | -39%                              | 7%                 |
| <b>Top 5 Total</b> | <b>1,505</b>     | <b>97%</b>         | <b>1,503</b>     | <b>1,552</b>           | <b>0%</b>                         | <b>-3%</b>         |
| <b>PNW Total</b>   | <b>1,551</b>     | <b>100%</b>        | <b>1,513</b>     | <b>1,592</b>           | <b>3%</b>                         | <b>-3%</b>         |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

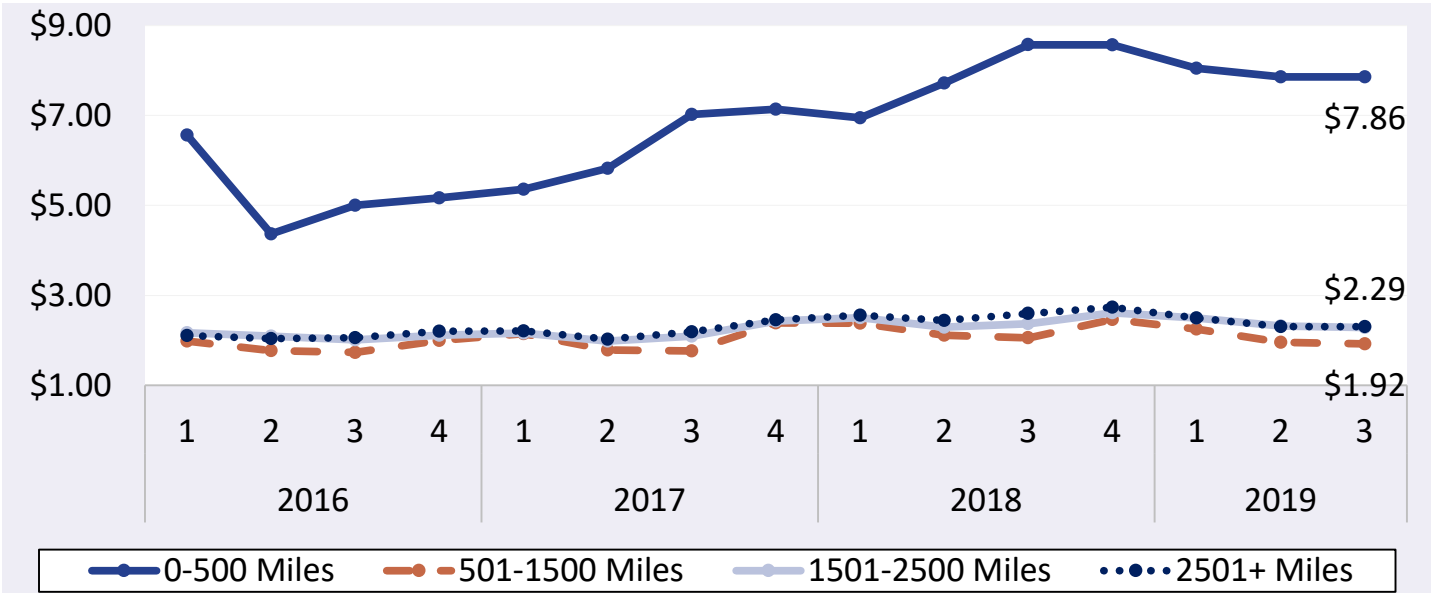
“-” indicates no reported shipments during the quarter.



# AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 11: PNW Truck Rates (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

**Table 17: PNW Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)**

| Region/Reporting District                      | Availability Rating, 1=Surplus to 5=Shortage |             |             |             |
|--|--|-------------|-------------|-------------|
|  | July   | August      | September   | 3rd Quarter |
| Columbia Basin Washington                      | 3  | 3           | 3           | 3           |
| Idaho And Malheur County, Oregon               | -  | -           | 3           | 3           |
| Upper Valley, Twin Falls-Burley District Idaho | 3  | 3           | 3.75        | 3.25        |
| Yakima Valley & Wenatchee District Washington  | 3  | 3           | 3           | 3           |
| Regional Average Availability                  | 3  | 3           | 3.19        | 3.06        |
| <b>Diesel Fuel Price (\$/gallon)</b>           | <b>3.20</b>                                  | <b>3.16</b> | <b>3.18</b> | <b>3.18</b> |

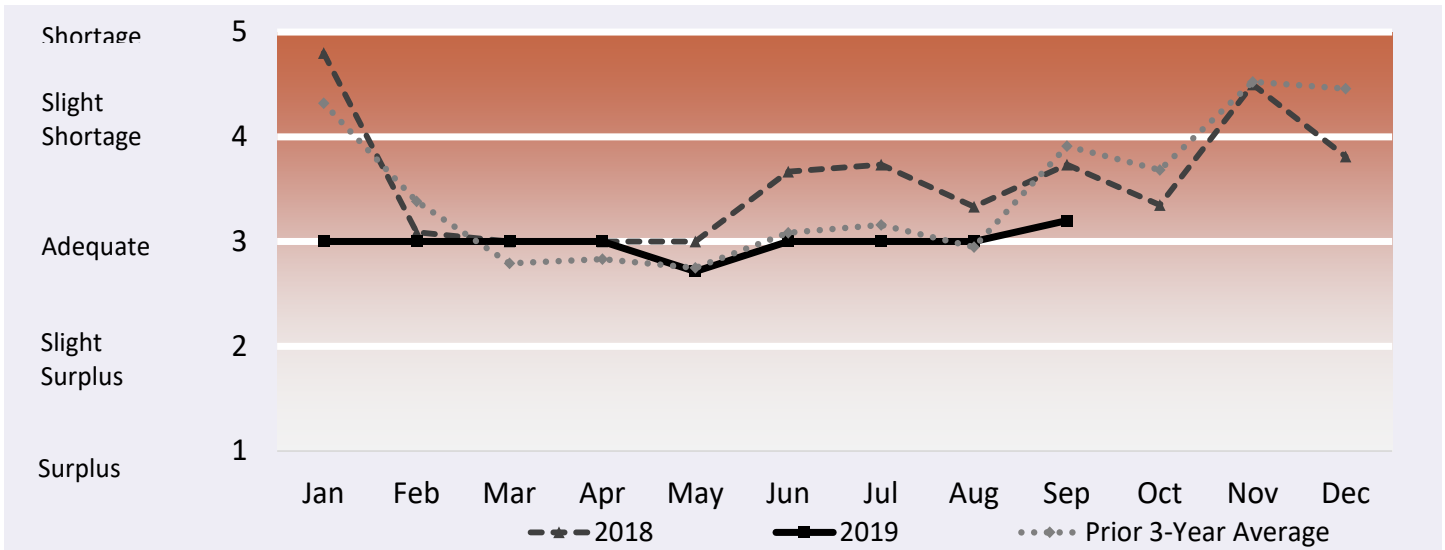
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. "-" indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 12: Refrigerated Truck Availability Monthly Ratings for the PNW**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.  
 Gaps in the chart lines are the result of quarters with no reported data for the region.



## Southeast

### Volume

During the third quarter of 2019, total reported shipments of fruits and vegetables from the Southeast were 379,000 tons, down 10 percent from the same quarter last year. The sum of the top five commodities decreased 8 percent from the same quarter last year. Apart from a slight increase in reported seedless watermelon shipments, each of the remaining top five commodities decreased from last year.

### Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was \$4.59 per mile, 18 percent higher than the previous quarter, but 14 percent lower than the same quarter last year.

### Truck Overview

Diesel fuel prices averaged \$2.91 per gallon, 3 percent lower than the previous quarter and 6 percent lower than the same period last year. Shippers in North and South Carolina reported slight shortage truck availability in July, but conditions improved to adequate through the end of the quarter. Shippers in the Vidalia District of Georgia reported slight surplus conditions in July and August; data was not available for September.

**Table 18: Reported Top Five Commodities Shipped from the Southeast(1,000 tons)**

| Commodity              | 3rd Quarter 2019 | Share of Southeast Total | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|------------------------|------------------|--------------------------|------------------|------------------------|-----------------------------------|--------------------|
|                        |                  |                          |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| Watermelons, Seedless  | 218              | 57%                      | 233              | 215                    | -6%                               | 1%                 |
| Sweet Potatoes         | 42               | 11%                      | 66               | 59                     | -37%                              | -30%               |
| Onions Dry             | 38               | 10%                      | 77               | 44                     | -50%                              | -13%               |
| Peaches                | 20               | 5%                       | 22               | 25                     | -5%                               | -19%               |
| Peppers, Bell Type     | 8                | 2%                       | 35               | 10                     | -76%                              | -15%               |
| <b>Top 5 Total</b>     | <b>326</b>       | <b>86%</b>               | <b>431</b>       | <b>353</b>             | <b>-24%</b>                       | <b>-8%</b>         |
| <b>Southeast Total</b> | <b>379</b>       | <b>100%</b>              | <b>752</b>       | <b>421</b>             | <b>-50%</b>                       | <b>-10%</b>        |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

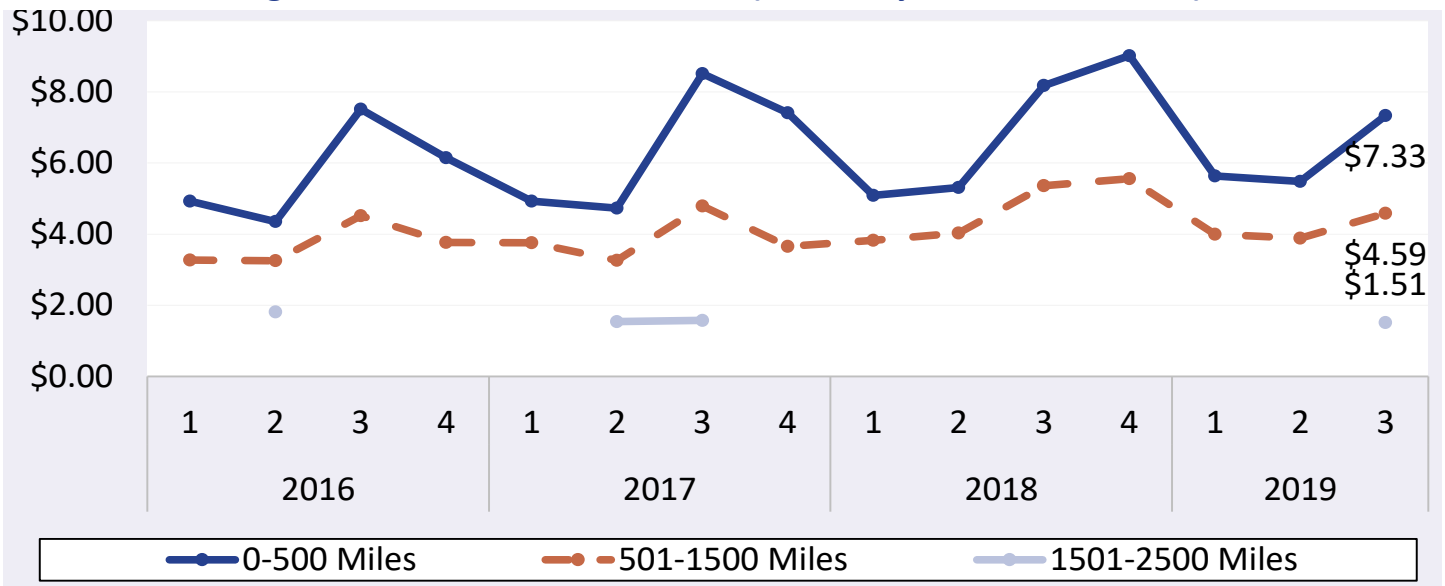
“-” indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 13: Southeast Truck Rates (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

**Table 19: Southeast Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)**

| Region/Reporting District            | Availability Rating, 1=Surplus to 5=Shortage |             |             |             |
|--------------------------------------|--|-------------|-------------|-------------|
|                                      | July   | August      | September   | 3rd Quarter |
| Eastern North Carolina               | 3.6  | 3           | 3           | 3.2         |
| North Carolina                       | 3.35   | 3           | 3.33        | 3.23        |
| South Carolina                       | 3.2  | -           | -           | 3.2         |
| South Georgia                        | 3  | -           | -           | 3           |
| Vidalia District Georgia             | 2  | 2           | -           | 2           |
| <b>Regional Average Availability</b> | <b>3.03</b>                                  | <b>2.67</b> | <b>3.17</b> | <b>2.95</b> |
| <b>Diesel Fuel Price (\$/gallon)</b> | <b>2.94</b>                                  | <b>2.90</b> | <b>2.91</b> | <b>2.91</b> |

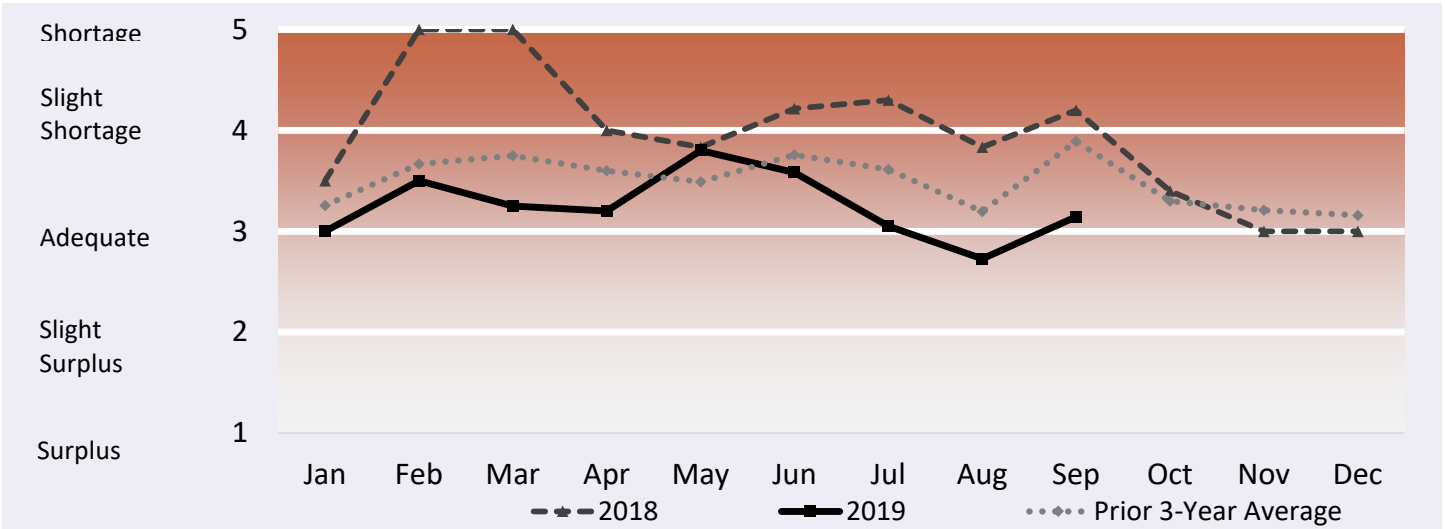
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. "-" indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 14: Refrigerated Truck Availability Monthly Ratings for the Southeast**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.





## Great Lakes

### Volume

Total reported shipments of fruits and vegetables from the Great Lakes region during the third quarter of 2019 were 336,000 tons, down 5 percent from the same quarter last year. The sum of the top five commodities decreased 4 percent from the same quarter last year. Three of the top five commodities including cucumbers (up 1 percent), bell peppers (up 22 percent), and cabbage (up 42 percent) increased compared with the previous year. However, shipments of potatoes (down 14 percent) and seedless watermelons (down 2 percent) decreased.

### Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was \$3.51 per mile, 1 percent higher than the previous quarter, but 5 percent lower than the same quarter last year.

### Truck Overview

Diesel fuel prices averaged \$2.93 per gallon, 3 percent lower than the previous quarter and 8 percent lower than the same period last year. Shippers in the Great Lakes region reported adequate truck availability throughout the quarter.

**Table 20: Reported Top Five Commodities Shipped from the Great Lakes (1,000 tons)**

| Commodity                | 3rd Quarter 2019 | Share of Great Lakes Total | Previous Quarter | Same Quarter Last Year | Current Quarter as % change from: |                    |
|--------------------------|------------------|----------------------------|------------------|------------------------|-----------------------------------|--------------------|
|                          |                  |                            |                  |                        | Previous Qtr                      | Same Qtr Last Year |
| Potatoes                 | 124              | 37%                        | 79               | 143                    | 57%                               | -14%               |
| Watermelons, Seedless    | 45               | 13%                        | 0                | 46                     | -                                 | -2%                |
| Cucumbers                | 40               | 12%                        | 0                | 39                     | -                                 | 1%                 |
| Peppers, Bell Type       | 23               | 7%                         | 0                | 19                     | -                                 | 22%                |
| Cabbage                  | 17               | 5%                         | 1                | 12                     | 1,344%                            | 42%                |
| <b>Top 5 Total</b>       | <b>248</b>       | <b>74%</b>                 | <b>80</b>        | <b>259</b>             | <b>209%</b>                       | <b>-4%</b>         |
| <b>Great Lakes Total</b> | <b>336</b>       | <b>100%</b>                | <b>108</b>       | <b>356</b>             | <b>213%</b>                       | <b>-5%</b>         |

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.

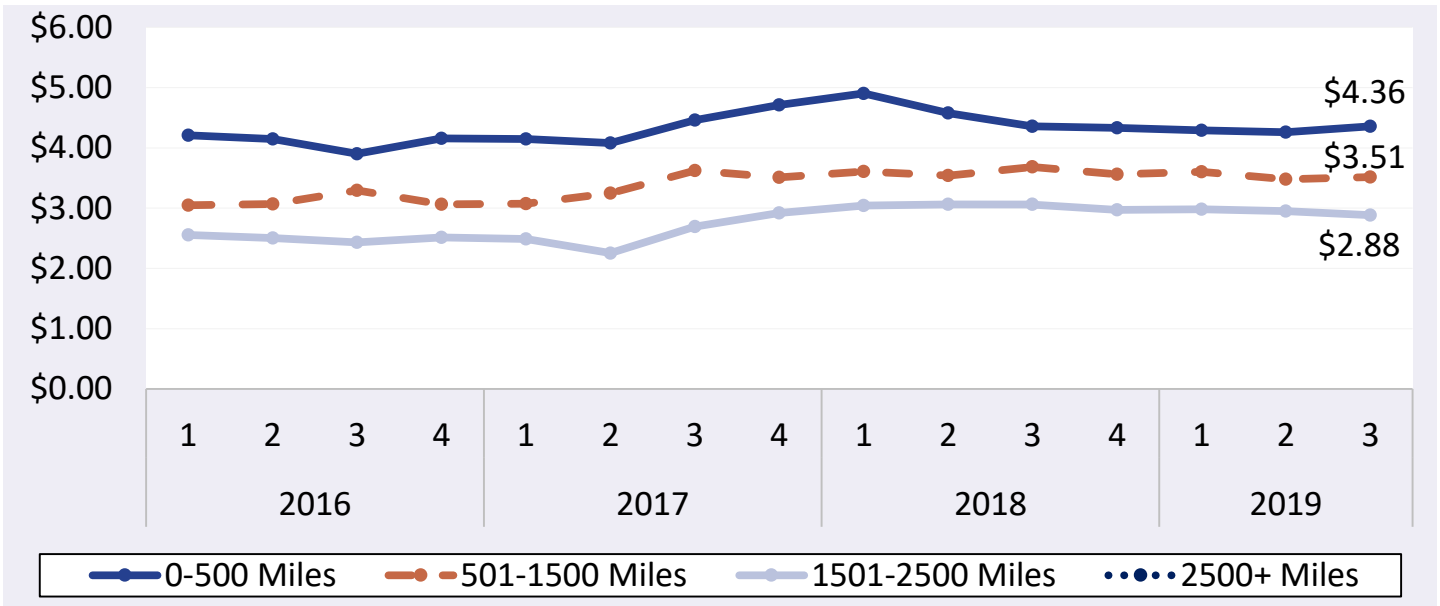
"-" indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 15: Great Lakes Truck Rates (\$/Mile by Distance Traveled)**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. Gaps in the chart lines are the result of quarters with no reported data for the region.

**Table 21: Great Lakes Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)**

| Region/Reporting District            | July | August | September | 3rd Quarter |
|--------------------------------------|------|--------|-----------|-------------|
| Central Wisconsin                    | 3    | 3      | 3         | 3           |
| Michigan                             | 3    | 3      | 3         | 3           |
| <b>Regional Average Availability</b> | 3    | 3      | 3         | 3           |
| <b>Diesel Fuel Price (\$/gallon)</b> | 3    | 3      | 3         | 3           |

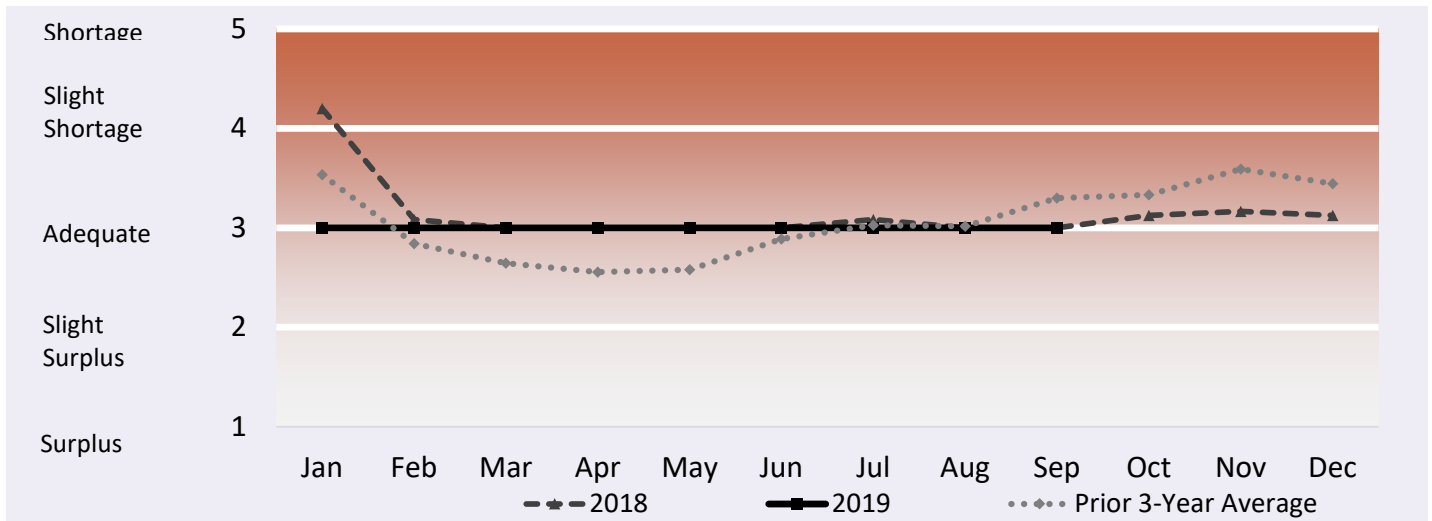
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data. "-" indicates no reported shipments during the quarter.



## AGRICULTURAL REFRIGERATED TRUCK QUARTERLY

Quarter 3, 2019

**Figure 16: Refrigerated Truck Availability Monthly Ratings for the Great Lakes**



Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.  
 Gaps in the chart lines are the result of quarters with no reported data for the region.



# TERMS AND REFERENCES

## Data Sources

This information is compiled from the weekly Specialty Crops Truck Rate Report by USDA, Agricultural Marketing Service (AMS), Specialty Crops Program, Market News Division. The website is: <https://www.marketnews.usda.gov/mnp/fv-home>.

## Regional Markets

For the regional markets, some States are grouped into producing regions. The Pacific Northwest region includes Idaho, Oregon, and Washington. The Great Lakes region includes Michigan, Minnesota, and Wisconsin. The Southeast region includes North Carolina, South Carolina and Georgia.

## Shipment Volumes

Truck shipments for all commodities and origins are not available. Those obtainable are reported, but should not be interpreted as representing complete movements of a commodity. Truck shipments from all States are collected at shipping points and include both interstate and intrastate movements. They are obtained from various sources, including Federal marketing orders, administrative committees, Federal State Inspection Service, and shippers. Volume amounts are represented in 10,000 pound units, or 1,000 10-lb packages but are converted to 1,000 tons for this report. Mexican border crossings through Arizona and Texas data is obtained from the Department of Homeland Security (DHS), U.S. Customs and Border and Protection (CBP) through USDA, AMS, Market News.

## Rates

This information is compiled from the weekly Specialty Crops Truck Rate Report. Rates quoted represent open (spot) market rates that shippers or receivers pay depending on basis of sale, per load, including truck brokers fees for shipments in truck load volume to a single destination. Extra charges for delivery to terminal markets, multipickup and multidrop shipments are not included unless otherwise stated. Rates are based on the most usual loads in 48-53 foot trailers from the origin shipping area to the destination receiving city. In areas where rates are based on package rates, per load rates were derived by multiplying the package rate by the number of packages in the most usual load in a 48-53 foot trailer. Slightly cheaper rates will be reported during Quarters 2 and 3 as about 50 percent of onion shipments from California are hauled on open flatbed trailers. During Quarter 3, less than 20 percent of onions hauled from Washington, Idaho, and Oregon are on open flatbeds.

## Regional Rates

Rate data for 10 destination markets are used to calculate average origin regional rates.

## National Rates

The national rates reflect the average of the regional rates, separated by mileage category and weighted by volume between origin and destination.



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### Related Websites

USDA's Agricultural Transportation Open Data Platform

<https://agtransport.usda.gov/>

Specialty Crops Program

<http://www.ams.usda.gov/about-ams/programs-offices/specialty-crops-program>

Specialty Crops Truck Rate Report

<http://www.ams.usda.gov/market-news/fruits-vegetables>

Economic Research Service Vegetable and Pulses

<https://www.ers.usda.gov/topics/crops/vegetables-pulses/>

Economic Research Service Fruit and Tree Nuts

<http://www.ers.usda.gov/topics/crops/fruit-tree-nuts.aspx>

National Agricultural Statistics Service, Crops

[http://www.nass.usda.gov/Statistics\\_by\\_Subject/index.php?sector=CROPS](http://www.nass.usda.gov/Statistics_by_Subject/index.php?sector=CROPS)

Refrigerated Truck Quarterly Datasets

<https://www.ams.usda.gov/services/transportation-analysis/agricultural-refrigerated-truck-quarterly-datasets>

Protecting Perishable Foods During Transport by Truck and Rail

<https://edis.ifas.ufl.edu/pdffiles/HS/HS132800.pdf>

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