United States Department of Agriculture

Quarter 2, April-June, 2020
Published October 15, 2020

www.ams.usda.gov/services/transportation-analysis/agrtq/
https://agtransport.usda.gov/

Agricultural Refrigerated Truck Quarterly

a quarterly publication of the Agricultural Marketing Service

Contents

Quarterly Overview

Fruit and Vegetable Shipments

During second quarter 2020, reported U.S. truck shipments of fresh produce were 10.74 million tons, 7 percent higher than the previous quarter and 5 percent higher than the same quarter last year.

Also, in the second quarter, shipments from California were 3.37 million tons, higher than those from any other reported origin and accounting for 31 percent of the total reported shipments of fresh fruits and vegetables. Shipments from the Mexico border, were 2.96 million tons, representing 28 percent of the total. Shipments from the Pacific Northwest (PNW) were 1.49 million tons, representing 14 percent of the total. Movements from Florida were 950,000 tons, representing 9 percent of the reported total.

These top five commodities accounted for 41 percent of the reported truck movements during second quarter 2020:

- Watermelon, seedless (11 percent)
- Potatoes (10 percent)
- Apples (7 percent)
- Oranges (7 percent)
- Onions, dry (6 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 2,501+ 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 1,500 Miles ($/Mile)

	0-500 miles	501-1,500 miles	1,501-2,500 miles	2,501+ miles
Q2 2019	2.87	2.60	2.13	1.24
Q3 2019	4.94	2.47	2.30	1.35
Q4 2019	3.21	2.52	2.29	1.36
Q1 2020	2.72	2.56	2.36	1.60
Q2 2020	2.57	2.52	2.27	1.54
Q2 Change from Previous Quarter	-6%	-2%	-4%	-4%
Q2 Change from Same Quarter Last Year	-10%	-3%	7%	24%

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Table values may not conform exactly due to rounding.
Note: The rates for 8 long-haul fruit and vegetable truck corridors are included in the national rate, weighted by commodity and origin volume.

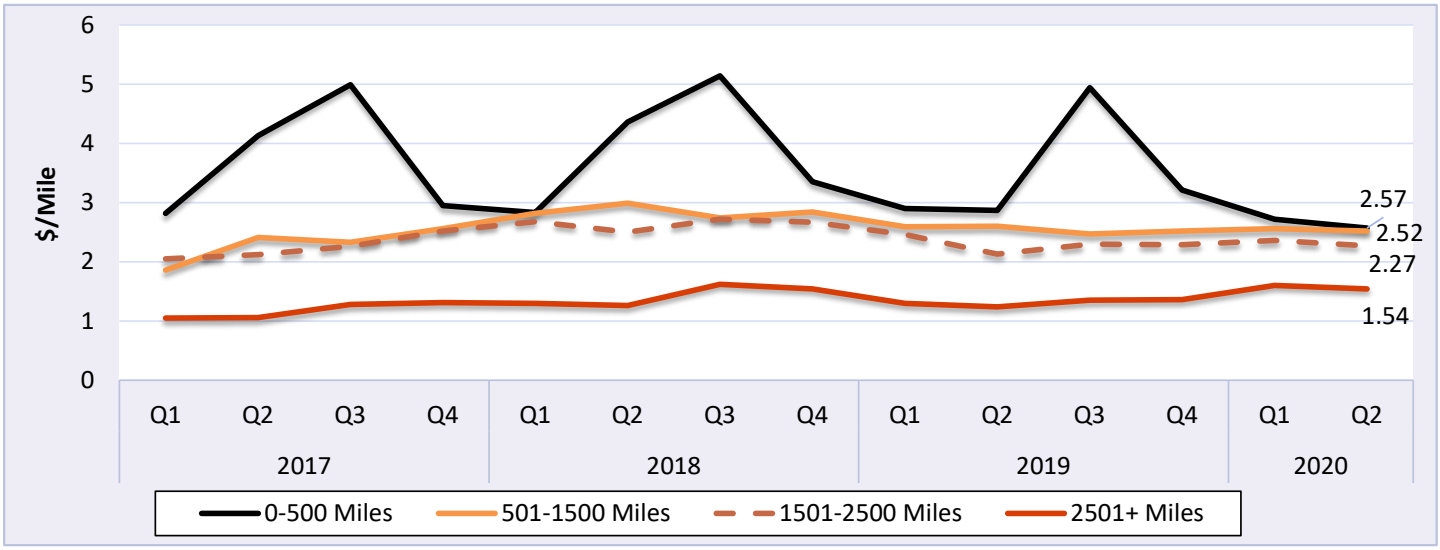
Diesel Fuel

During second quarter 2020, the U.S. diesel fuel price averaged $2.43 per gallon—16 percent lower than the previous quarter and 22 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.
Note: The rates for 8 long-haul fruit and vegetable truck corridors are included in the national rates, weighted by commodity and origin volume.

Table 1: Average U.S. Truck Rates for Selected Routes Between 501 and 1,500 Miles ($/Mile)

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Annual
2020	2.56	2.52			2.54
2019	2.59	2.60	2.47	2.52	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	2.27	2.43
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

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: The rates for 8 long-haul fruit and vegetable truck corridors are included in the national rate, weighted by commodity and origin volume.
Note: Table values may not conform exactly due to rounding.

Table 2: Quarterly Rates for Key Origins by Month; 501-1,500 miles ($/Mile)

	2nd Quarter, 2020			1st Quarter, 2020		
U.S. Origin	April	May	June	January	February	March
Arizona	2.85	3.04	3.18	2.92	2.62	2.87
Arizona-Mexico	2.24	2.65	2.71	2.54	2.43	2.61
California	2.73	2.67	2.99	2.99	2.75	2.87
Florida	2.07	2.45	2.34	1.98	2.23	2.15
Great Lakes	3.43	3.41	3.34	3.52	3.49	3.49
New York	3.06	3.06	3.06	3.06	3.06	3.06
Other	2.50	2.30	2.37	2.66	2.65	2.70
PNW	2.09	1.95	1.91	2.30	2.22	2.09
Southeast	3.79	3.28	3.43	3.79	3.79	3.79
Texas	n/a	2.22	2.43	n/a	n/a	n/a
Texas-Mexico	2.35	2.11	2.28	2.67	2.34	2.46

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: "n/a" indicates rates not available.

Truck Rates for Selected Routes

Table 3: Origin-Destination Truck Rates for Selected Routes, 2nd Quarter 2020 ($/Mile)

U.S. Origin	Destination									
	Atlanta	Baltimore	Boston	Chicago	Dallas	Los Angeles	Miami	New York	Philadelphia	Seattle
Arizona	2.79	2.78	2.77	2.64	3.11	n/a	2.63	2.92	2.88	n/a
Arizona-Mexico	2.46	2.36	2.44	2.14	2.66	2.43	2.28	2.53	2.53	n/a
California	2.55	2.58	2.52	2.45	2.72	n/a	2.44	2.62	2.60	2.76
Florida	2.35	2.42	2.25	1.80	n/a	1.85	3.08	2.55	2.24	n/a
Great Lakes	3.24	3.65	3.17	4.22	2.67	n/a	2.51	4.24	3.59	n/a
New York	3.50	5.30	11.76	n/a	n/a	n/a	2.62	12.33	7.39	n/a
Other	2.85	2.43	2.21	2.33	3.44	2.06	2.17	2.53	2.38	n/a
PNW	2.23	2.26	2.20	2.29	2.12	1.99	2.17	2.36	2.24	7.14
Southeast	5.50	4.48	3.55	3.30	2.63	1.62	3.23	3.95	4.17	n/a
Texas	2.61	2.38	2.35	2.20	3.28	1.57	2.38	2.64	2.36	2.17
Texas-Mexico	2.42	2.36	2.31	2.08	2.87	1.52	2.25	2.51	2.28	2.10

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: "n/a" indicates rates not available.

Table 4: Origin-Destination Truck Rates for Selected Routes, 2nd Quarter 2020 ($/Truck)

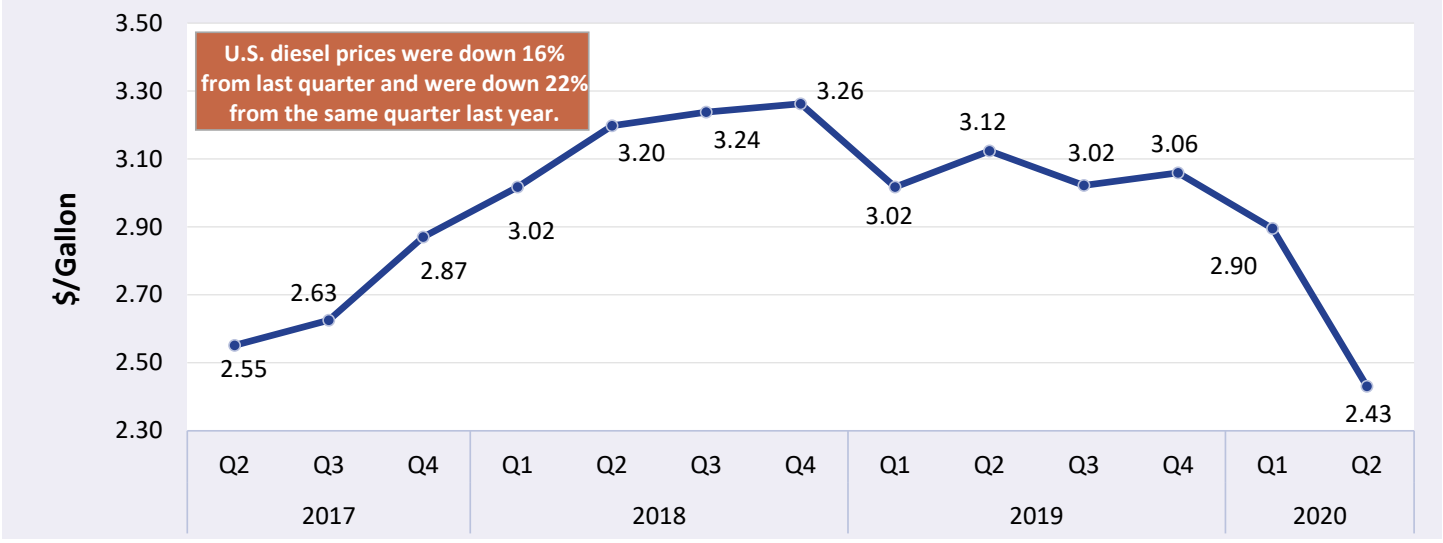
U.S. Origin	Destination									
	Atlanta	Baltimore	Boston	Chicago	Dallas	Los Angeles	Miami	New York	Philadelphia	Seattle
Arizona	5,850	7,236	8,036	5,357	4,043	n/a	6,850	7,871	7,621	n/a
Arizona-Mexico	4,423	5,535	6,577	3,854	2,612	1,362	5,177	6,323	6,065	n/a
California	5,699	7,031	7,683	5,142	4,011	n/a	6,838	7,434	7,207	3,226
Florida	1,216	2,400	3,226	2,330	n/a	4,644	740	2,959	2,441	n/a
Great Lakes	2,973	3,046	5,160	1,143	2,984	n/a	4,265	3,475	3,121	n/a
New York	3,500	1,750	2,000	n/a	n/a	n/a	3,800	1,850	1,700	n/a
Other	2,458	4,174	4,398	2,273	1,770	1,913	4,457	4,001	4,182	n/a
PNW	5,184	5,559	6,045	4,098	3,901	2,024	6,075	6,006	5,611	1,000
Southeast	1,543	2,083	3,205	2,821	2,500	3,800	2,132	2,729	2,410	n/a
Texas	2,767	4,100	4,992	2,992	1,408	2,383	3,475	5,017	4,300	5,033
Texas-Mexico	2,781	4,231	5,077	2,977	1,435	2,438	3,446	5,012	4,338	5,038

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.

Table 5: Average Diesel Fuel Prices (All Types)

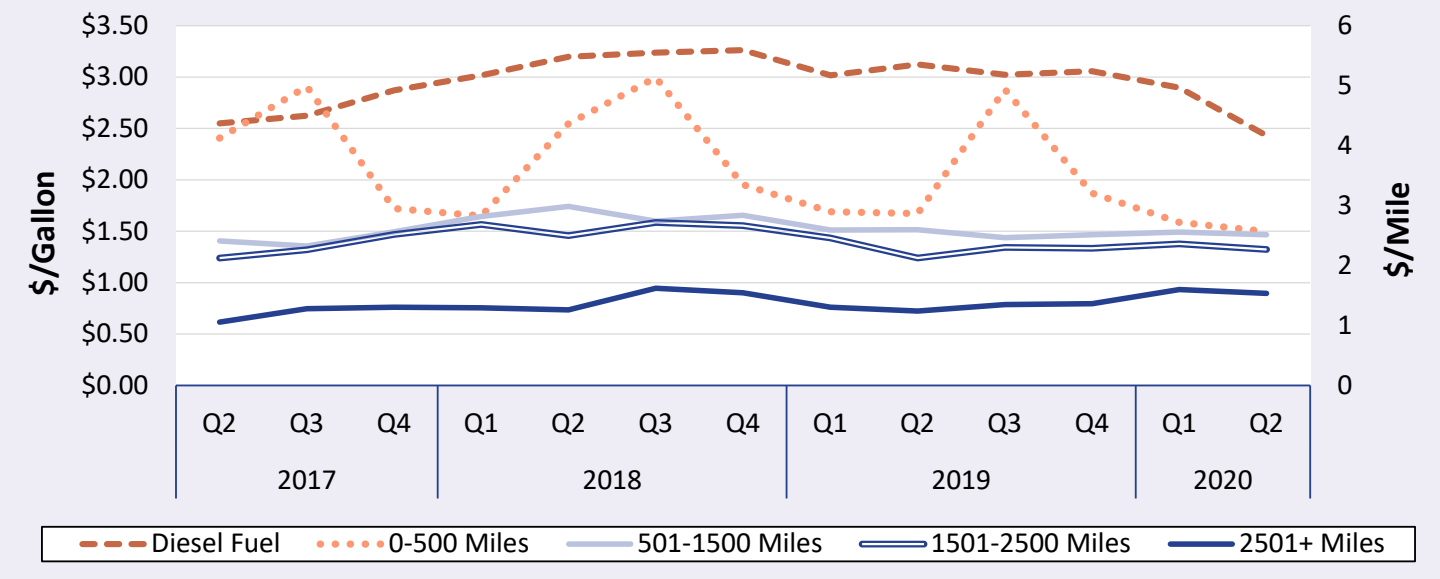
Region	2nd Quarter 2020 Price $/Gallon	Change From Last Quarter	Change From Same Quarter Last Year
East Coast	2.53	-14%	-20%
California	3.23	-14%	-20%
New England	2.66	-13%	-17%
Central Atlantic	2.71	-13%	-19%
Lower Atlantic	2.39	-15%	-21%
Gulf Coast	2.21	-17%	-23%
Midwest	2.28	-18%	-24%
Rocky Mountain	2.39	-17%	-23%
West Coast Except California	2.6	-16%	-21%
U.S.	**2.43**	**-16%**	**-22%**

Source: AMS Transportation Services Division analysis of Energy Information Administration/U.S. Department of Energy data.
Note: Table values may not conform exactly due to rounding.

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

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
2017	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%
2018	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%
2019	Q1	3.02	2.59	-8%	-9%	< 1%	-8%
	Q2	3.12	2.60	4%	< 1%	-2%	-13%
	Q3	3.02	2.47	-3%	-5%	-7%	-10%
	Q4	3.06	2.52	1%	2%	-6%	-11%
2020	Q1	2.90	2.56	-5%	2%	-4%	-1%
	Q2	2.43	2.52	-16%	-2%	-22%	-3%

Sources: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data and Energy Information Administration/U.S. Department of Energy data.
Note: Table values may not conform exactly due to rounding.

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

California, Central, And Western Arizona	Commodity	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
Central San Joaquin Valley California	Iceberg Lettuce, Romaine, Leaf Lettuce	3	3	3										
Imperial, Coachella & Palo Verde Valleys California	Bell Peppers, Corn, Beans, Eggplant				3	3	4	4						
Imperial, Palo Verde And Coachella Valleys, California And Central And Western Arizona	Bell Peppers, Corn, Beans, Eggplant, Melons, Lettuce, Broccoli, Cauliflower, Romaine, Leaf Lettuce	3							3	3	3	3	3	3
Kern District California	Carrots	3	3	3	3	3	4	4	3	3	3	3	3	3
Oxnard District California	Cabbage, Cilantro, Kale, Parsley, Celery, Romaine, Leaf Lettuce, Strawberries	3	3	3	3	3	4	4	3	3	3	3	3	3
Salinas-Watsonville California	Berries, Broccoli, Cauliflower, Celery, Lettuce, Romaine, Leaf Lettuce	3	3	3	3	3	4	4	3	3	3	3	3	3
San Joaquin Valley California	Peaches, Nectarines, Plums, Blueberries									3	3	3	3	3
Santa Maria California	Broccoli, Cauliflower, Celery, Lettuce, Romaine, Leaf Lettuce, Strawberries	3	3	3	3	3	4	4	3	3	3	3	3	3
South District California	Citrus, Avocados	3	3	3	3	3	4	4	4	3	3	3	3	3

Florida	Commodities	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
Central & South Florida	Melons, Tomatoes, Mixed Vegetables, Berries	3	2	4	4	5	4	4	4	4	5	5	5	
Florida	Potatoes	4	3	3	3	3	3	3	3	3	3			
South Florida	Melons	3	3	3	3	4	3	3						

Great Lakes (MI & WI)	Commodity	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
Central Wisconsin	Potatoes	3	3	3	3	3	3	3	3	3	3	3	3	3
Michigan	Apples	3	3	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.

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

U.S.-Mexico border	Commodity	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
Nogales, Arizona	Mangos, Grapes, Plum, Tomatoes, Cucumbers, Honeydews, Watermelons, Squash, Peppers, Eggplant, Mixed Vegetables, Melons, Beans	3	3	3	3	3	3	3	4	3	3	3	3	3
Texas	Limes, Mangos, Tomatoes, Broccoli, Mixed Fruit and Vegetables	3	3	3	3	1	3	3	3	3	3	3	4	3
Southern New Mexico	Onions									3	3	3	4	4

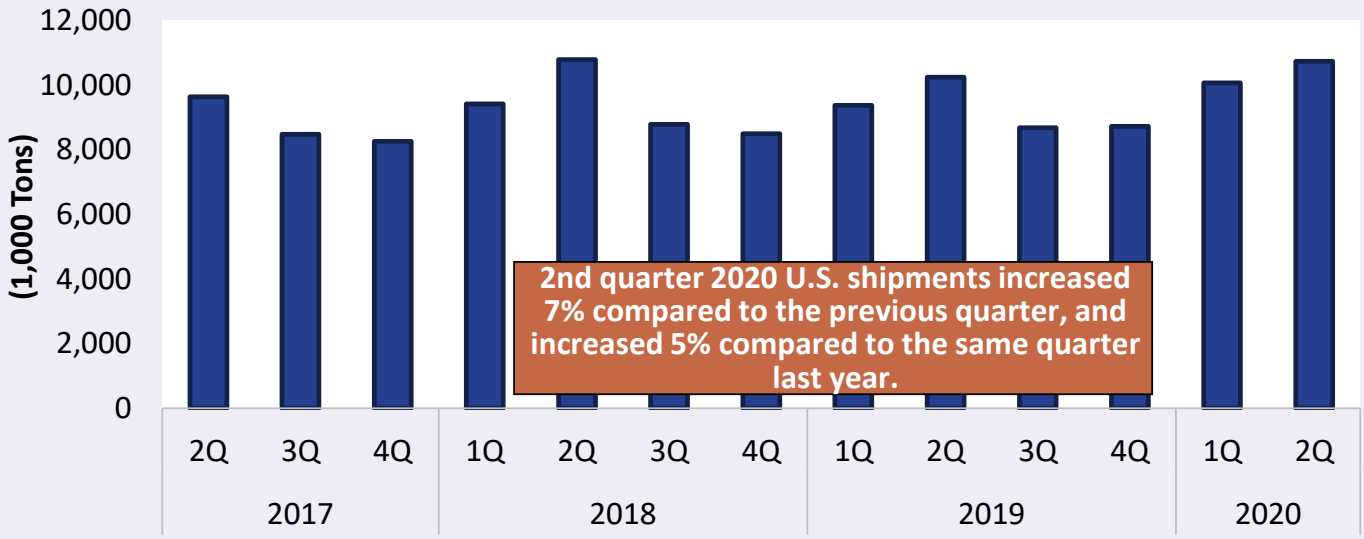
Pacific Northwest (ID, OR, &, WA)	Commodity	4/7	4/14	4/21	4/28	5/5	5/12	5/19	5/26	6/2	6/9	6/16	6/23	6/30
Columbia Basin Washington	Potatoes, Onions	3	3	3	2	2	2	3	3	3	3	3	4	4
Idaho And Malheur County, Oregon	Onions	3	3	3	2	2								
Upper Valley, Twin Falls-Burley District Idaho	Potatoes	3	3	3	2	2	2	3	3	3	3	3	4	4
Yakima Valley & Wenatchee District Washington	Apples, Pears, Cherries, Apricots	2	2	3	3	3	3	3	3	3	3	3	3	3

Southeast (GA, SC, & NC)	Commodity	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
Eastern North Carolina	Sweet Potatoes	3	3	3	3	3	3	3	3	3	3	3	3	5
South Carolina	Melons, Tomatoes												5	5
South Georgia	Beans, Cantaloupe, Corn, Cucumber, Eggplant, Watermelon, Peppers, Squash, Cabbage, Melons									3	3	3	3	3
Vidalia District Georgia	Onions					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.

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
2020	10,073	10,741			20,814
2019	9,381	10,246	8,687	8,732	37,046
2018	9,421	10,795	8,789	8,503	37,508
2017	8,072	9,642	8,479	8,267	34,459
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	7,527	31,712
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

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Table values may not conform exactly due to rounding.

Reported Shipments by Selected Commodities

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

Commodity	2nd Quarter 2020	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
				Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	1,469	114	1,634	1,193%	-10%
Potatoes	1,108	1,166	1,078	-5%	3%
Apples	761	936	685	-19%	11%
Onions Dry	741	671	717	10%	3%
Oranges	735	1,024	693	-28%	6%
Avocados	577	616	318	-6%	82%
Tomatoes	504	651	485	-23%	4%
Tomatoes, Plum Type	482	505	446	-4%	8%
Cucumbers	455	533	407	-15%	12%
Strawberries	416	365	397	14%	5%

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Table values may not conform exactly due to rounding.

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

Origin	2nd Quarter 2020 Volume	% Change from Last Quarter	% Change From Same Quarter Last Year
California	3,372	38	11%
Mexico	2,957	-3%	11%
PNW	1,493	-2	-1%
Florida	950	29%	-9%
Southeast	640	416%	-15%
Texas	308	82%	-14%
Canada*	212	48%	1,257%
Arizona	196	-75%	-20%
Colorado	158	-27%	-16%
Great Lakes	134	-32%	25%

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Table values may not conform exactly due to rounding.
Note: On Jan. 1, 2020, Specialty Crops Market News transitioned to the Department of Homeland Security ACE reporting system. According to AMS Speciality Crops Program, ACE is a more complete data system than their prior source and is an important factor behind the large increase in movements from the Canada border.

Regional Markets

California

Volume

Total reported shipments of fruits and vegetables from California during second quarter 2020 were 3.37 million tons, an increase of 11 percent from the same quarter last year (year to year). The top five commodities increased by 4 percent from year to year. Four of the top 5 commodities saw year-to-year increases this quarter, including oranges (4 percent), strawberries (7 percent), iceberg lettuce (1 percent), and romaine lettuce (7 percent). Lemon shipments fell by 2 percent.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $2.81 per mile, a 2-percent decrease quarter to quarter, but a 5-percent increase year to year.

Truck Overview

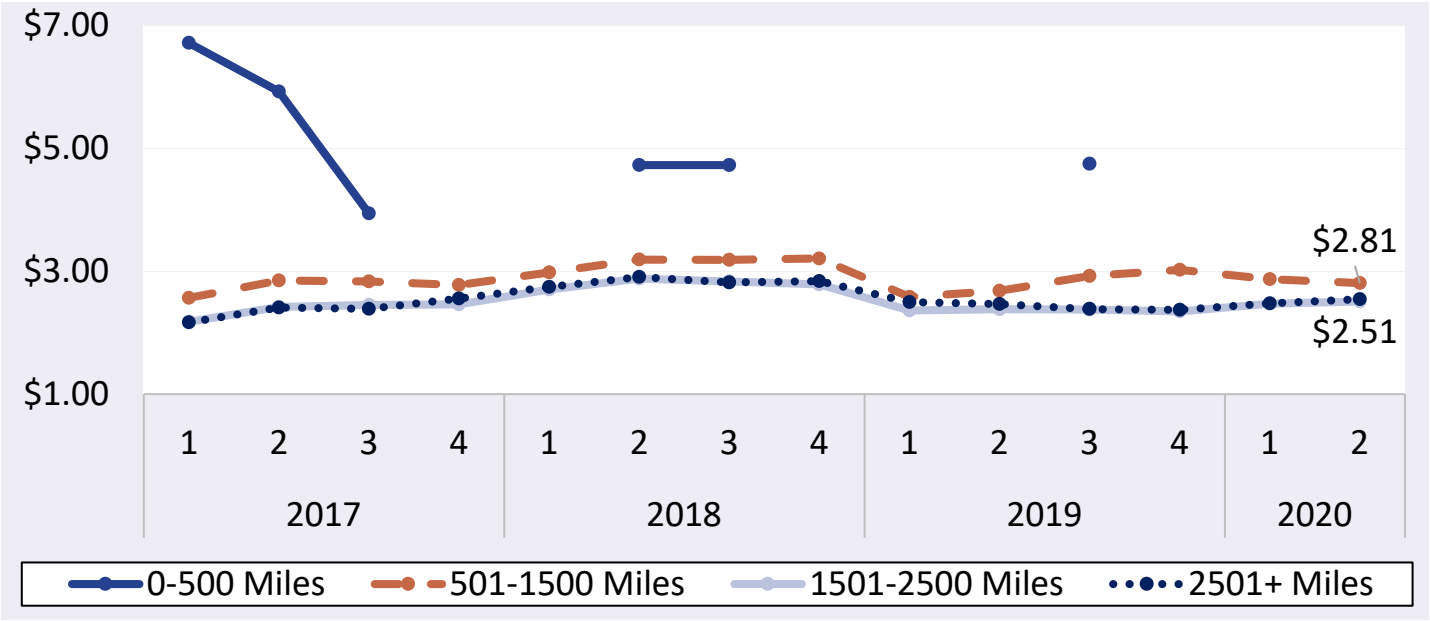
Diesel fuel prices averaged $3.23 per gallon, a 14-percent decrease quarter to quarter and a 20-percent decrease year to year. Shippers throughout California reported adequate truck availability on average in April and June, but slight shortage conditions in May.

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

Commodity	2nd Quarter 2020	Share of California Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Oranges	662	20%	927	633	-29%	4%
Strawberries	387	11%	64	362	503%	7%
Lettuce, Iceberg	305	9%	57	302	433%	1%
Lemons	304	9%	352	310	-14%	-2%
Lettuce, Romaine	250	7%	49	233	410%	7%
Top 5 Total	**1,907**	**57%**	**1,449**	**1,840**	**32%**	**4%**
California Total	**3,372**	**100%**	**2,441**	**3,039**	**38%**	**11%**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

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



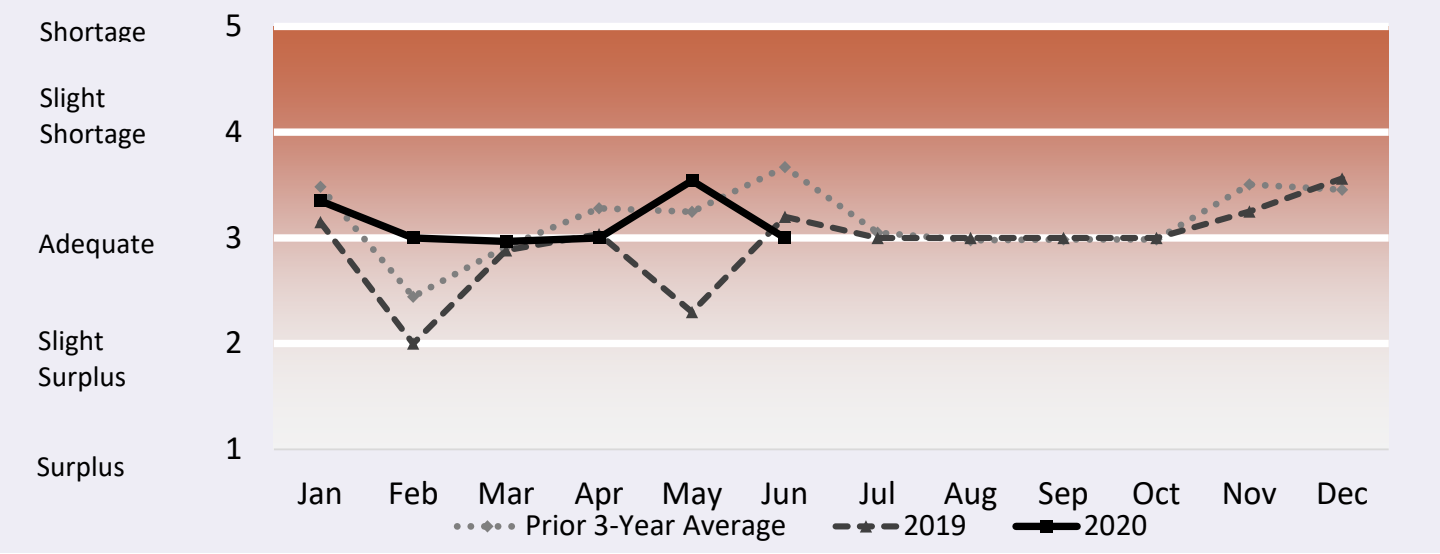
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	April	May	June	2nd Quarter
Central San Joaquin Valley California	3	-	-	3
Imperial, Coachella & Palo Verde Valleys California	3	3.67	-	3.33
Imperial, Palo Verde And Coachella Valleys, California And Central And Western Arizona	3	3	3	3
Kern District California	3	3.5	3	3.17
Oxnard District California	3	3.5	3	3.17
Salinas-Watsonville California	3	3.5	3	3.17
San Joaquin Valley California	-	-	3	3
Santa Maria California	3	3.5	3	3.17
South District California	3	3.75	3	3.25
Regional Average Availability	3	3.49	3	3.16
Diesel Fuel Price ($/gallon)	**3.28**	**3.18**	**3.22**	**3.23**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.
Note: AMS Specialty Crops Program defines regions by commodity, which may overlap in truck availability reporting.

Figure 6: Refrigerated Truck Availability Monthly Ratings for California



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

U.S.-Mexico Border

Volume

Total reported shipments of fruits and vegetables from Mexico during second quarter 2020 were 2.96 million tons, an 11-percent increase year to year. The sum of the top five commodities increased 6 percent year to year. Decreases in the top commodity, seedless watermelon (19 percent), as well as grapes (8 percent) were offset by a large increase in avocado shipments (89 percent), as well as increases in tomatoes, plum type (9 percent), and cucumbers (6 percent).

Rates

In second quarter 2020, truck rates for shipments between 501 miles and 1,500 miles from the Arizona border crossings averaged $2.55 per mile, up 1 percent from quarter to quarter but down 6 percent year to year. Rates for shipments between 501 miles and 1,500 miles from the Texas border crossings averaged $2.25 per mile, down 10 percent quarter to quarter and down 1 percent year to year.

Truck Overview

Diesel fuel prices for border crossings from Arizona averaged $2.60 per gallon, decreasing by 16 percent quarter to quarter and by 21 percent year to year. Diesel fuel prices for border crossings from Texas averaged $2.21 per gallon, a 17-percent decrease quarter to quarter, and a 23-percent decrease year to year. Shippers at Mexico border crossings in both Arizona and Texas reported adequate truck availability through the quarter.

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

Commodity	2nd Quarter 2020	Share of Mexico Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	297	10%	56	366	427%	-19%
Avocados	242	8%	294	128	-18%	89%
Tomatoes, Plum Type	226	8%	231	207	-2%	9%
Grapes	184	6%	< 1	199	-	-8%
Cucumbers	183	6%	254	174	-28%	6%
Top 5 Total	**1,134**	**38%**	**836**	**1,074**	**36%**	**6%**
Mexico Total	**2,957**	**100%**	**3,042**	**2,674**	**-3%**	**11%**

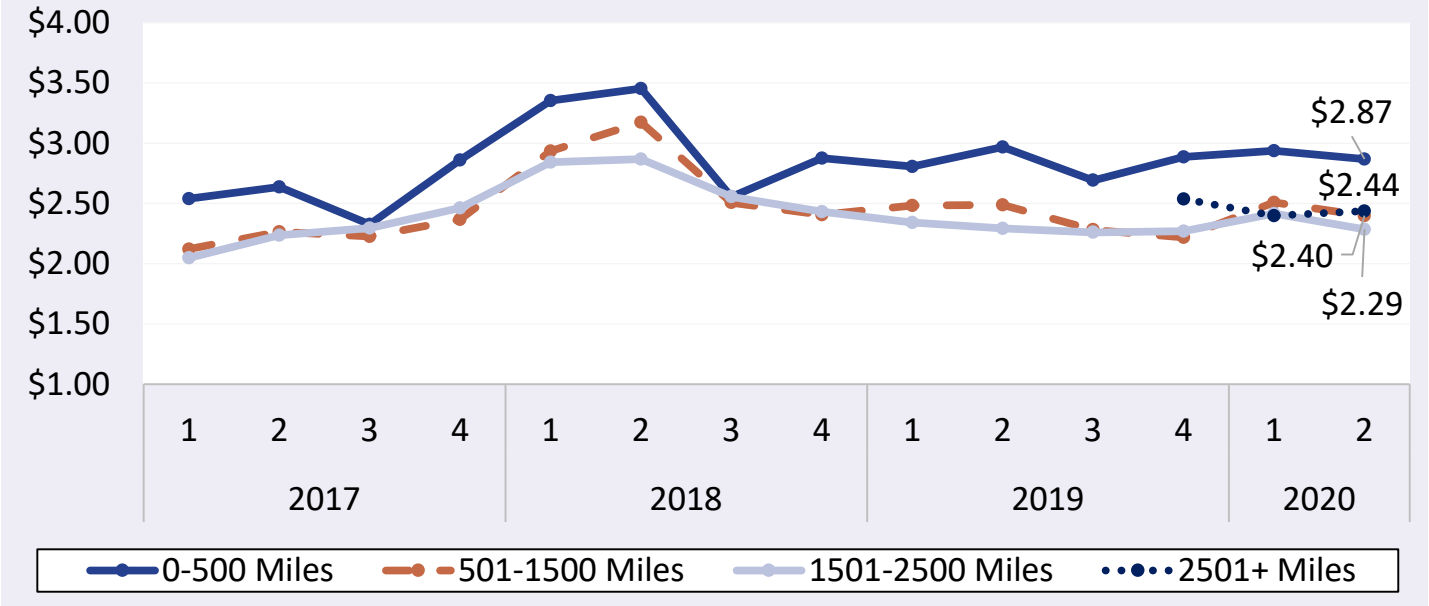
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

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

Texas		California		Arizona		New Mexico	
Commodity	2nd Quarter 2020	Commodity	2nd Quarter 2020	Commodity	2nd Quarter 2020	Commodity	2nd Quarter 2020
Avocados	239	Onions Green	42	Watermelons, Seedless	297	Onions Dry	48
Limes	158	Misc Tropical	35	Grapes	177	Peppers, Other	9
Mangoes	123	Tomatoes, Plum Type	30	Tomatoes, Plum Type	118	Misc Tropical	3
Tomatoes	106	Cucumbers	23	Cucumbers	97	Limes	< 1
Tomatoes, Plum Type	78	Brussels Sprouts	20	Squash	96	Garlic	< 1
Mexico through TX Total	**1,395**	**Mexico through CA Total**	**354**	**Mexico through AZ Total**	**1,148**	**Mexico through NM Total**	**61**

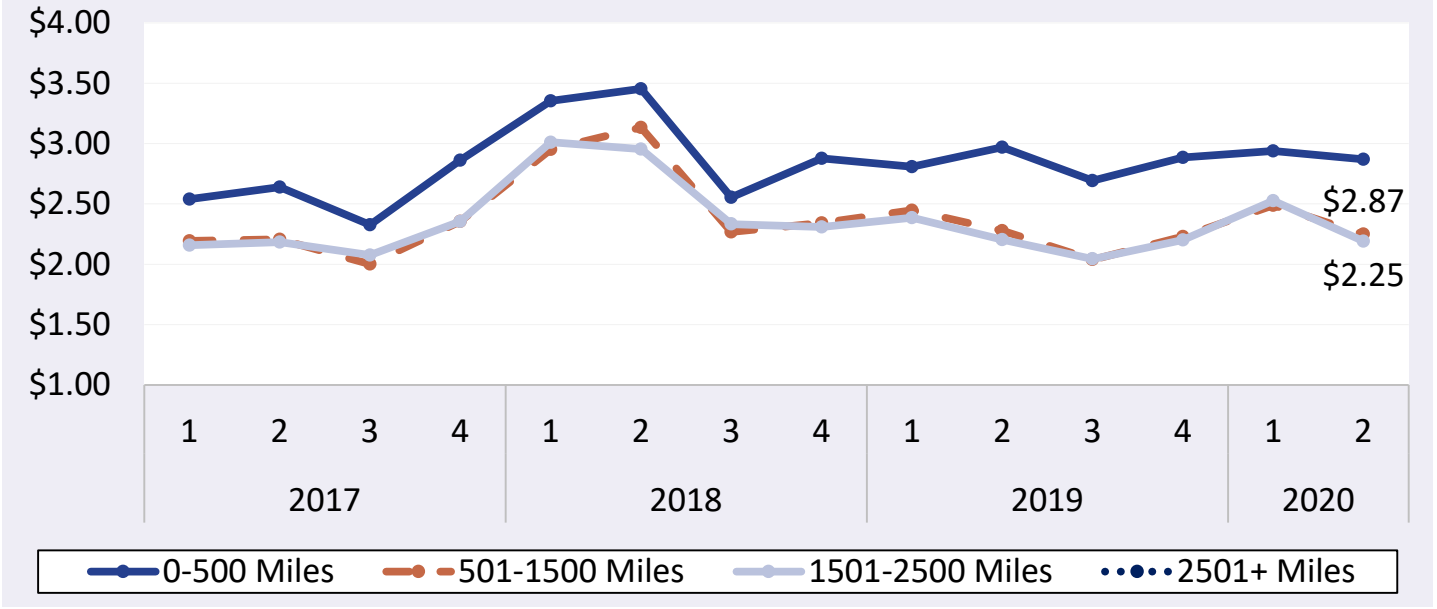
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.
Note: AMS Specialty Crops Program defines regions by commodity, which may overlap in truck availability reporting.

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



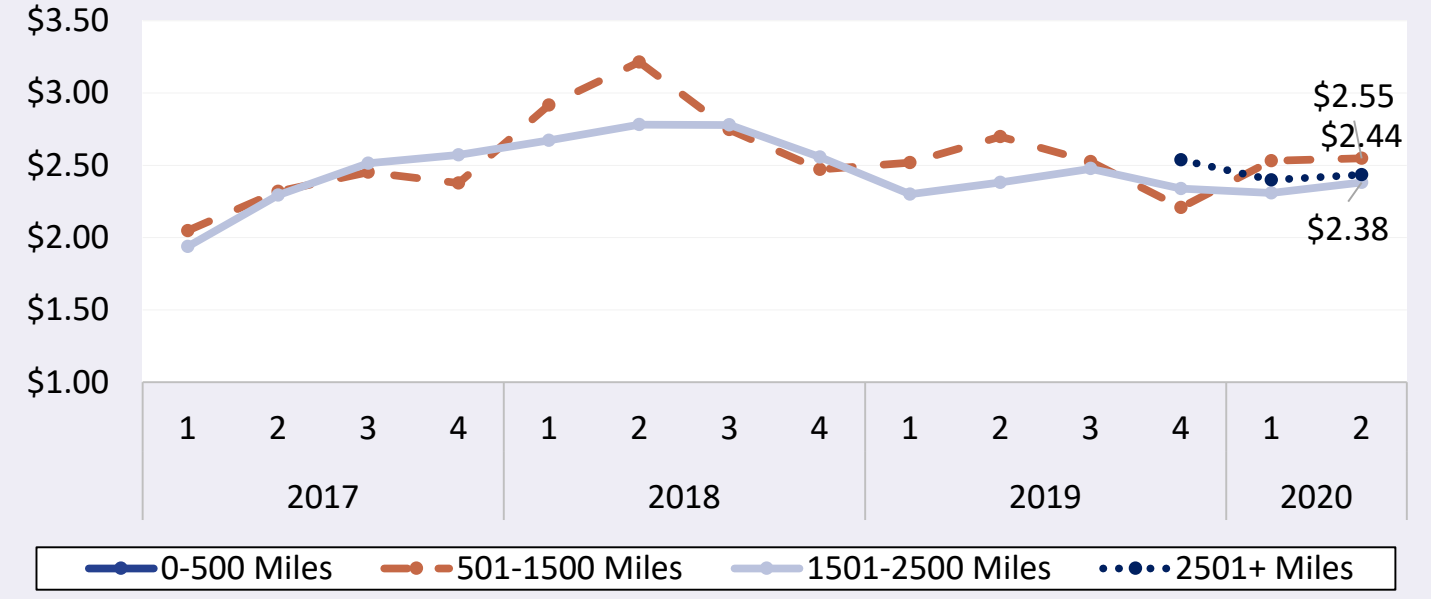
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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.
Any 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)



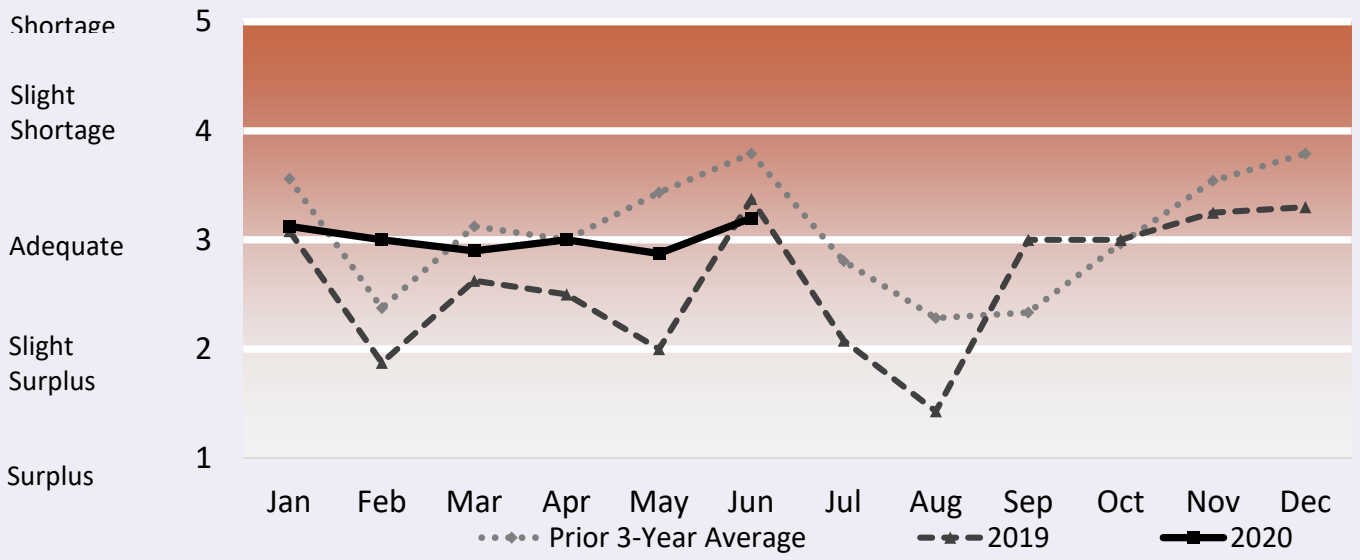
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	Availability Rating, 1=Surplus to 5=Shortage			
	April	May	June	2nd Quarter
Mexico Crossings Through Nogales, Arizona	3	3.25	3	3.08
Mexico Crossings Through Texas	3	2.5	3.2	2.9
Regional Average Availability	3	2.88	3.1	2.99
Diesel Fuel Price ($/gallon), through Texas	2.27	2.17	2.18	2.21
Diesel Fuel Price ($/gallon), through Arizona	2.67	2.55	2.58	2.60

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.

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.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

PNW

Volume

During second quarter 2020, total reported shipments of fruits and vegetables from the PNW were 1.49 million tons, decreasing by 1 percent year to year. The sum of the top five commodities also decreased by 1 percent year to year. Decreases in shipments of dry onions (39 percent), pears (18 percent), and potatoes (1 percent), were offset by increases in shipments of apples (11 percent) and cherries (13 percent).

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $1.99 per mile, decreasing 10 percent quarter to quarter, but increasing by 2 percent year to year.

Truck Overview

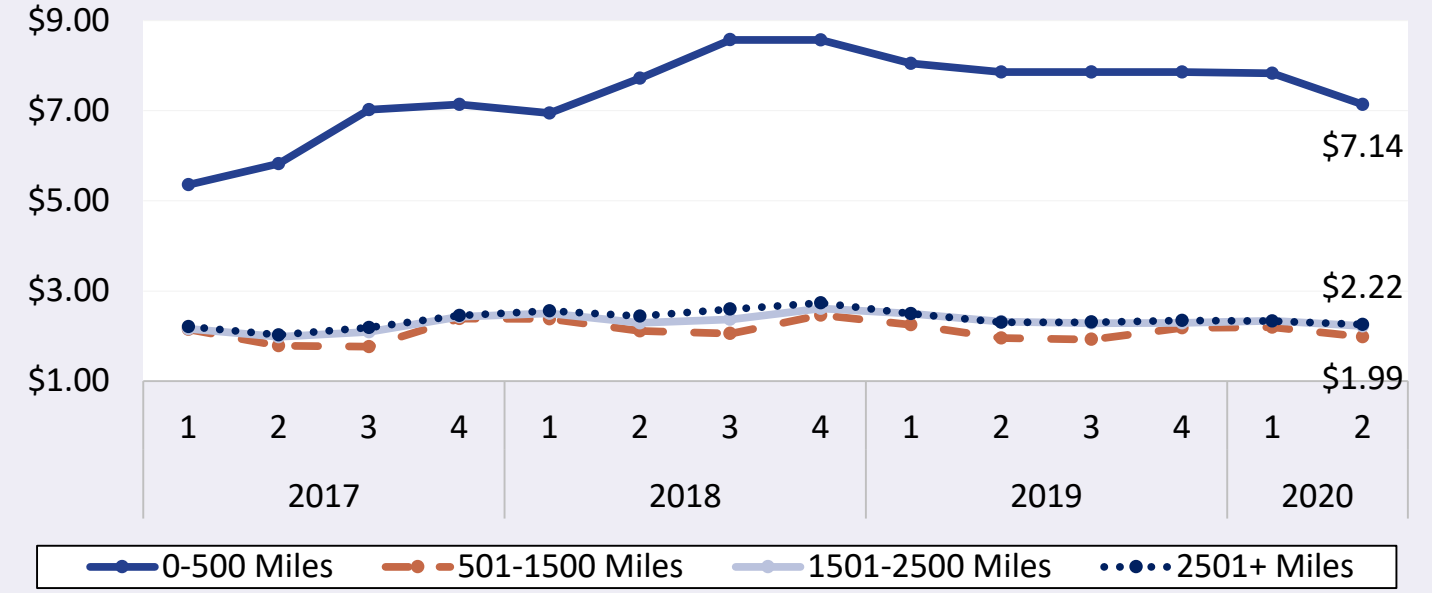
Diesel fuel prices averaged $2.60 per gallon, with decreases of 16 percent quarter to quarter and 21 percent year to year. Shippers in the PNW on average reported adequate truck availability through the quarter.

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

Commodity	2nd Quarter 2020	Share of PNW Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Apples	685	46%	811	617	-16%	11%
Potatoes	511	34%	521	517	-2%	-1%
Onions Dry	124	8%	406	203	-69%	-39%
Cherries	92	6%	0	81	-	13%
Pears	70	5%	137	84	-49%	-18%
Top 5 Total	**1,482**	**99%**	**1,876**	**1,503**	**-21%**	**-1%**
PNW Total	**1,493**	**100%**	**1,876**	**1,513**	**-2%**	**-1%**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

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



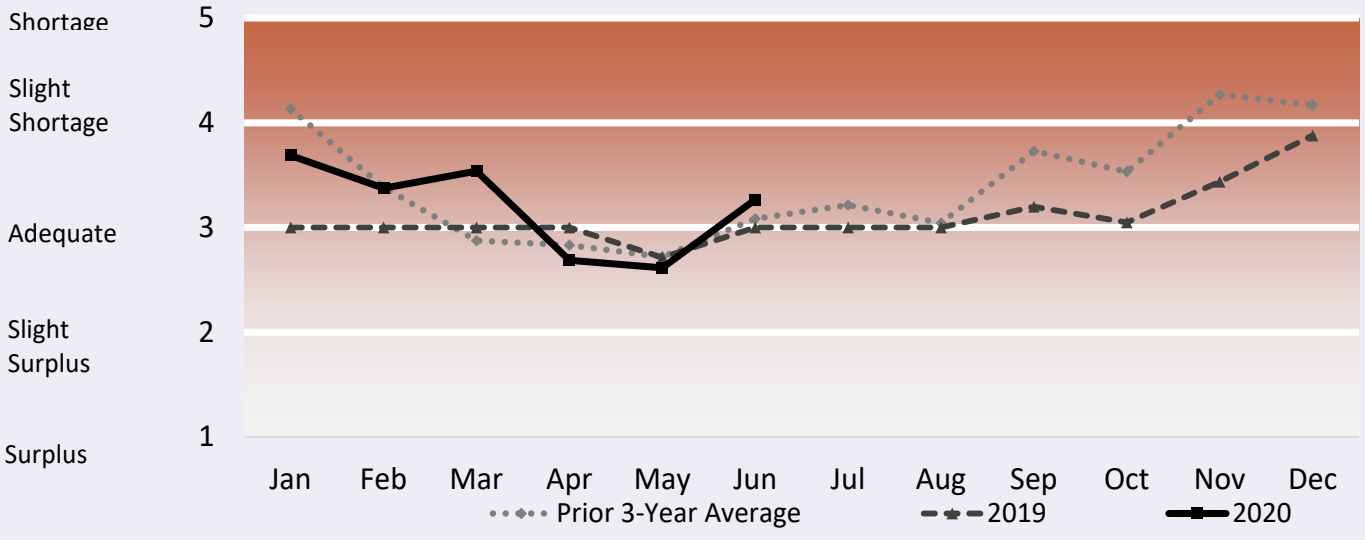
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	Availability Rating, 1=Surplus to 5=Shortage			
	April	May	June	2nd Quarter
Columbia Basin Washington	2.79	2.5	3.4	2.90
Idaho And Malheur County, Oregon	2.75	2	-	2.38
Upper Valley, Twin Falls-Burley District Idaho	2.75	2.5	3.4	2.88
Yakima Valley & Wenatchee District Washington	2.5	3	3	2.83
Regional Average Availability	2.70	2.5	3.27	2.82
Diesel Fuel Price ($/gallon)	**2.67**	**2.55**	**2.58**	**2.60**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.
Note: AMS Specialty Crops Program defines regions by commodity, which may overlap in truck availability reporting.

Figure 12: Refrigerated Truck Availability Monthly Ratings for the PNW



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

Florida

Volume

Total reported shipments of fruits and vegetables from Florida during second quarter 2020 were 950,000 tons, down 9 percent year to year. The sum of the top five commodities decreased 3 percent year to year. Increased shipments of seedless watermelon (6 percent) and oranges (37 percent) were offset by decreased shipments of tomatoes (33 percent), potatoes (18 percent), and corn-sweet (3 percent).

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $2.27 per mile, up 7 percent quarter to quarter, but down 10 percent year to year.

Truck Overview

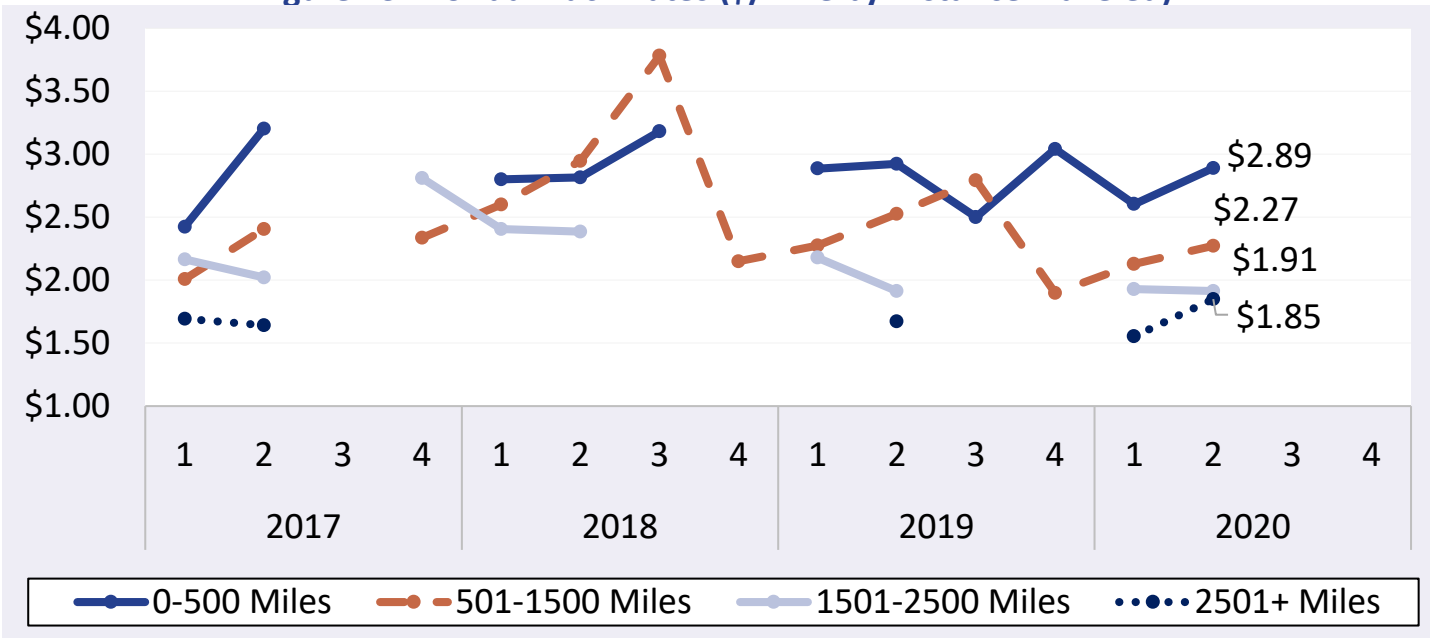
Diesel fuel prices averaged $2.38 per gallon, down 15 percent quarter to quarter and down 21 percent year to year. Shippers in the Central and South Florida regions reported adequate truck availability in April, but slight shortage and shortage conditions in May and June, respectively. The other Florida regions reported adequate conditions throughout the quarter except for a week-long slight shortage in early April and early May.

Table 18: Reported Top Five Commodities Shipped from Florida (1,000 tons)

Commodity	2nd Quarter 2020	Share of Florida Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	453	48%	1	427	-	6%
Corn-Sweet	103	11%	68	107	53%	-3%
Tomatoes	88	9%	129	131	-32%	-33%
Potatoes	71	7%	37	86	91%	-18%
Oranges	42	4%	47	31	-11%	37%
Top 5 Total	**756**	**80%**	**281**	**781**	**169%**	**-3%**
Florida Total	**950**	**100%**	**738**	**1,039**	**29%**	**-9%**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

Figure 13: Florida Truck Rates ($/Mile by Distance Traveled)



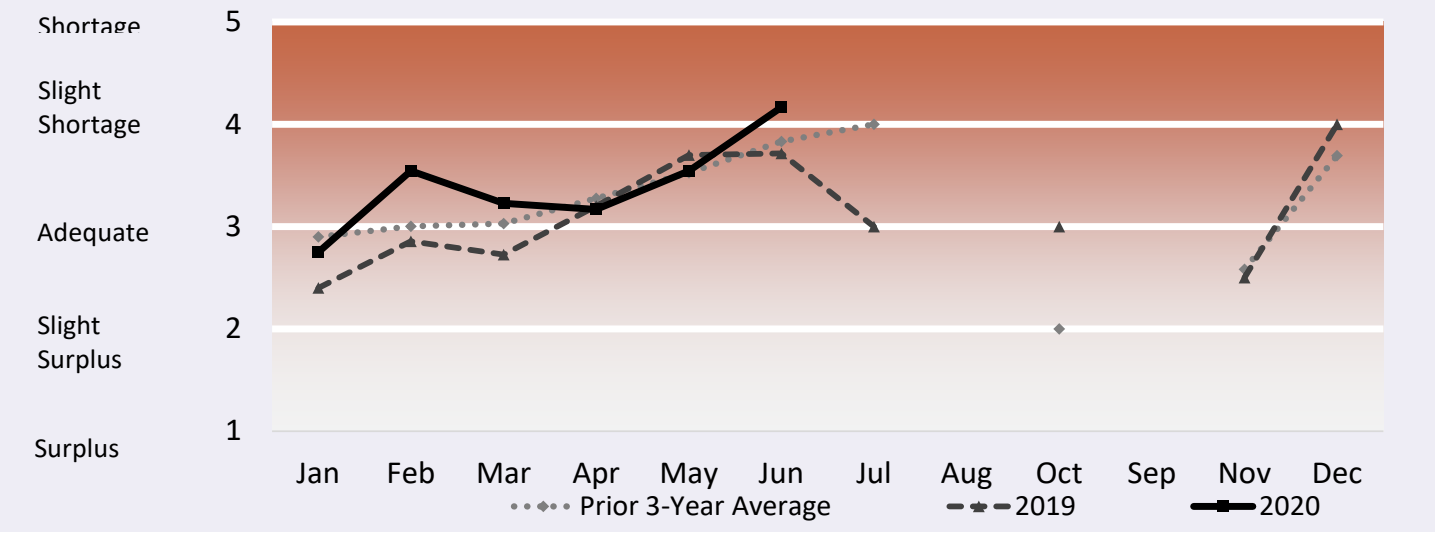
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	Availability Rating, 1=Surplus to 5=Shortage			
	April	May	June	2nd Quarter
Central & South Florida	3.25	4.25	4.75	4.08
Florida	3.25	3	3	3.08
South Florida	3	3.33	-	3.17
Regional Average Availability	3.17	3.53	3.88	3.52
Diesel Fuel Price ($/gallon)	**2.44**	**2.35**	**2.36**	**2.39**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.
Note: AMS Specialty Crops Program defines regions by commodity, which may overlap in truck availability reporting.

Figure 14: Refrigerated Truck Availability Monthly Ratings for Florida



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

Southeast

Volume

During second quarter 2020, total reported shipments of fruits and vegetables from the Southeast were 640,000 tons, down 15 percent year to year. The sum of the top five commodities also decreased 15 percent year to year. Significant decreases in corn-sweet (49 percent), blueberries (27 percent), and seedless watermelon (8 percent) were not offset by 1-percent increases in both dry onions and sweet potatoes.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $3.43 per mile, down 9 percent quarter to quarter and down 12 percent year to year.

Truck Overview

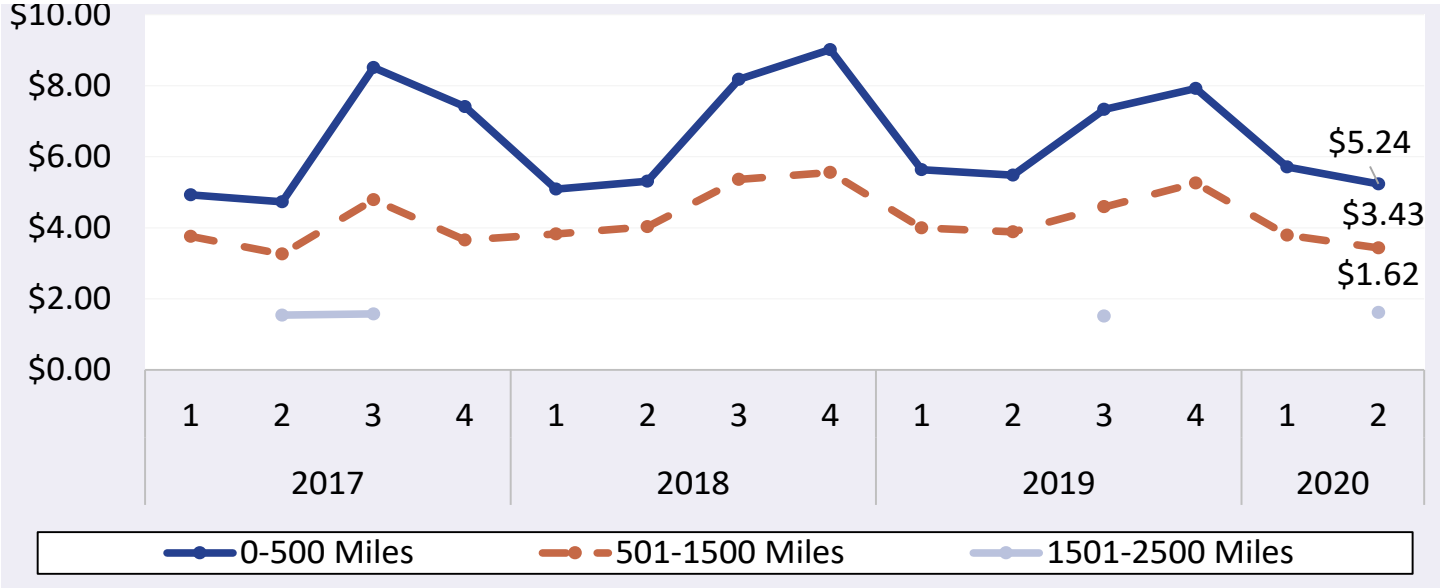
Diesel fuel prices averaged $2.38 per gallon, down 15 percent quarter to quarter and down 21 percent year to year. Shippers in the Southeast reported adequate truck availability throughout the quarter, except for June in South Carolina when shippers rated availability as a shortage.

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

Commodity	2nd Quarter 2020	Share of Southeast Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	213	33%	0	233	-	-8%
Onions Dry	77	12%	0	77	-	1%
Sweet Potatoes	66	10%	74	66	-10%	1%
Corn-Sweet	53	8%	0	103	-	-49%
Blueberries	25	4%	0	35	-	-27%
Top 5 Total	**435**	**68%**	**74**	**513**	**488%**	**-15%**
Southeast Total	**640**	**100%**	**124**	**752**	**416%**	**-15%**

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

Figure 15: Southeast Truck Rates ($/Mile by Distance Traveled)



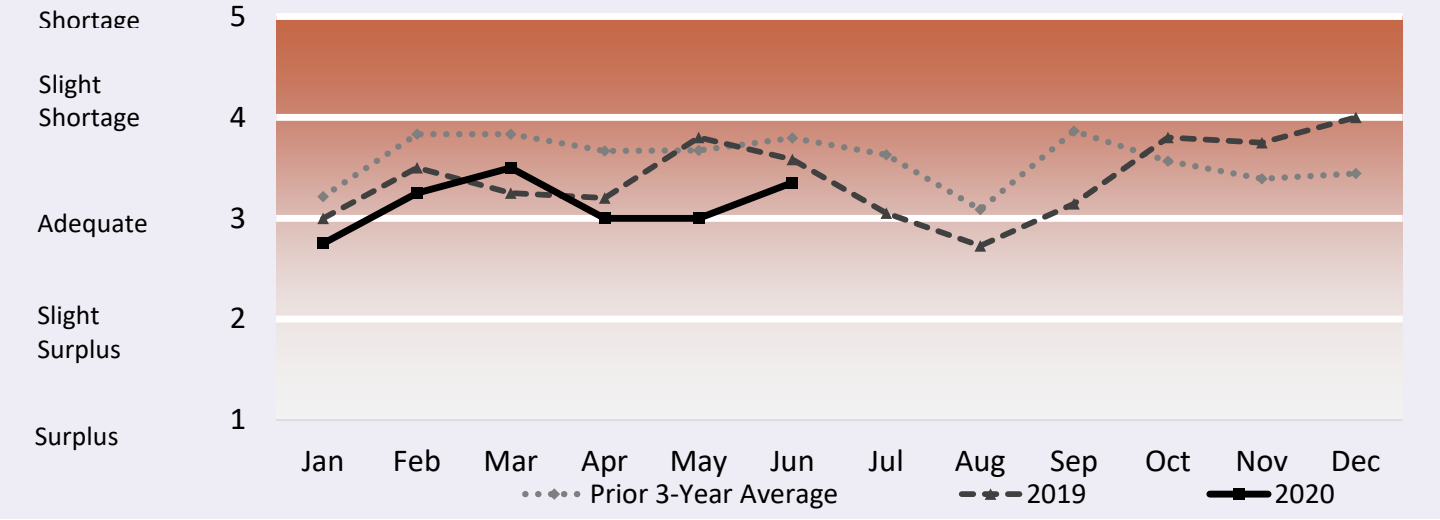
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

Table 21: Southeast Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)

Region/Reporting District	Availability Rating, 1=Surplus to 5=Shortage			
	April	May	June	2nd Quarter
Eastern North Carolina	3	3	3.4	3.13
South Carolina	-	-	5	5
South Georgia	-	-	3	3
Vidalia District Georgia	-	3	3	3
Regional Average Availability	3	3	3.6	3.2
Diesel Fuel Price ($/gallon)	2.44	2.35	2.36	2.39

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.
Note: AMS Specialty Crops Program defines regions by commodity, which may overlap in truck availability reporting.

Figure 16: Refrigerated Truck Availability Monthly Ratings for the Southeast



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

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

Preferred Citation

U.S. Department of Agriculture, Agricultural Marketing Service. Agricultural Refrigerated Truck Quarterly Report. October 2020 Web. <https://dx.doi.org/10.9752/TS051.10-2020>

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