Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE

Quarter 2, April-June 2024
Published January 2025

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

Agricultural Refrigerated Truck Quarterly

a quarterly publication of the Agricultural Marketing Service

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Fruit and Vegetable Shipments

USDA reported second-quarter 2024 U.S. truck shipments of fresh produce were 11.21 million tons—up 14 percent from the previous quarter and down less than 1 percent from second quarter 2023.

Also, in second quarter 2024, shipments from Mexico were 3.52 million tons—a higher volume than from any other reported origin. Shipments from Mexico accounted for 31 percent of the total reported shipments of fresh fruit and vegetables. Shipments from the next four top regions by volume were as follows: California, 3.29 million tons (29 percent of the total); Pacific Northwest (PNW), 1.53 million tons (14 percent of the total); Florida, 949,000 tons (8 percent of the total); and finally, Southeast, 528,000 tons (5 percent of the total).

These top five commodities accounted for 39 percent of reported truck movements in second quarter 2024:

- ► Seedless Watermelons (10 percent)
- ► Potatoes (10 percent)
- ► Apples (7 percent)
- ► Dry Onions (6 percent)
- ► Oranges (6 percent)

Truck Rates

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

Diesel Fuel

During second quarter 2024, the U.S. diesel fuel price averaged $3.85 per gallon—down 3 percent from the previous quarter and down 2 percent from the same quarter in 2023.

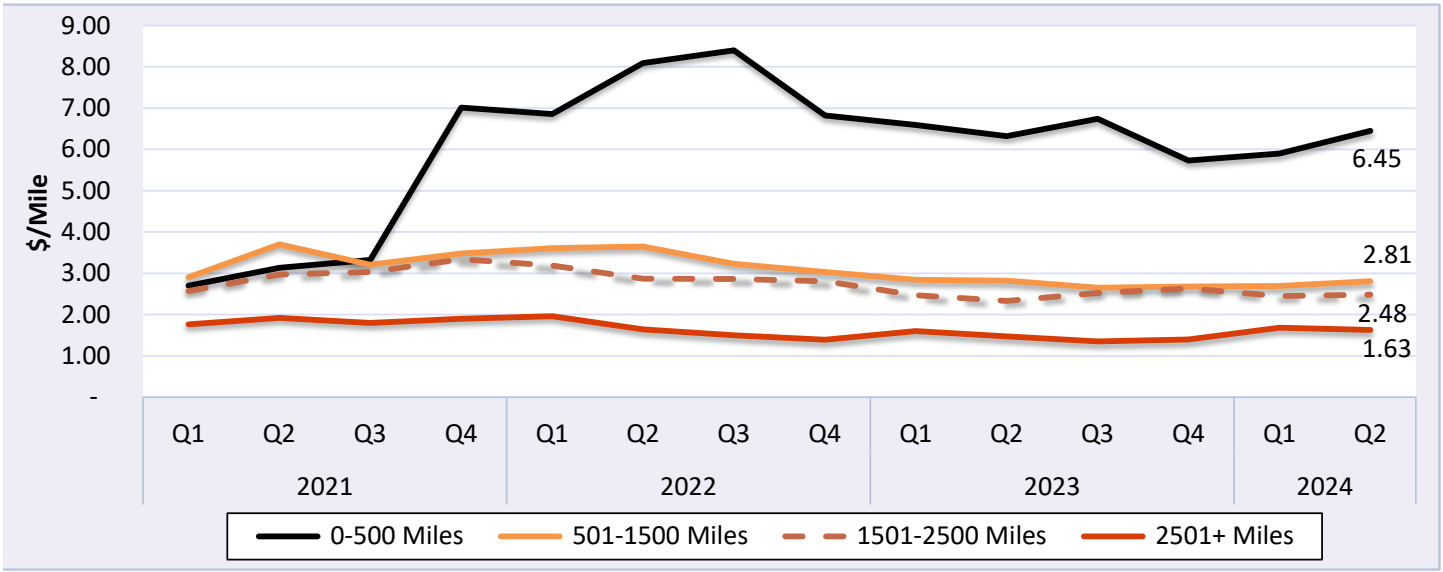
Average U.S. Truck Rates for Selected Routes Between 501 and 1,500 Miles ($/Mile)

	0-500 miles	501-1,500 miles	1,501-2,500 miles	2,501+ miles
Q2 2023	6.32	2.82	2.33	1.47
Q3 2023	6.74	2.65	2.52	1.35
Q4 2023	5.73	2.68	2.63	1.40
Q1 2024	5.90	2.69	2.45	1.68
Q2 2024	6.45	2.81	2.48	1.63
Q2 Change from Previous Quarter	9%	5%	1%	-3%
Q2 Change from Same Quarter Last Year	2%	> -1%	6%	11%

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.

U.S. 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
2024	2.69	2.81		
2023	2.84	2.82	2.65	2.68
2022	3.61	3.65	3.23	3.03
2021	2.90	3.70	3.21	3.48
2020	2.56	2.51	2.56	2.92
2019	2.59	2.60	2.47	2.52
2018	2.82	2.99	2.74	2.84
2017	1.86	2.41	2.33	2.56
2016	2.22	2.37	2.49	2.06
2015	2.47	2.63	2.59	2.36
2014	2.32	2.67	2.64	2.49
2013	2.24	2.60	2.62	2.27
2012	2.10	2.54	2.45	2.29

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, 2024			1st Quarter, 2024		
U.S. Origin	April	May	June	January	February	March
Arizona	2.91	2.77	2.69	2.81	2.51	2.55
California	2.73	2.90	2.96	2.69	2.45	2.51
Florida	2.69	3.37	2.86	2.36	2.36	2.24
Great Lakes	4.16	4.16	4.16	4.03	4.03	4.02
Mexico-Arizona	2.71	2.79	2.68	2.80	2.81	2.82
Mexico-Texas	2.62	2.68	2.51	2.86	2.71	2.96
New York	3.18	3.18	3.18	3.18	3.18	3.18
Other	2.96	2.95	2.98	2.96	2.96	2.95
PNW	2.81	2.78	2.66	3.42	3.51	2.98

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 2024 ($/Mile)

U.S. Origin	Atlanta	Baltimore	Boston	Chicago	Dallas	Los Angeles	Miami	New York	Philadelphia	Seattle
Arizona	2.81	2.99	2.71	2.55	3.09	8.67	2.90	2.83	2.75	2.70
California	2.72	2.86	2.62	2.46	2.83	13.50	2.81	2.73	2.62	2.64
Florida	3.04	3.01	3.05	2.29	n/a	1.85	2.92	3.33	3.04	n/a
Great Lakes	4.42	4.26	4.23	5.80	3.64	n/a	3.60	4.27	n/a	n/a
Mexico-Arizona	2.76	n/a	2.79	2.56	n/a	2.73	2.86	2.82	n/a	n/a
Mexico-Texas	2.83	2.52	n/a	2.39	3.53	1.80	2.69	2.77	2.60	n/a
New York	3.50	n/a	15.59	n/a	n/a	n/a	2.86	15.00	9.35	n/a
Other	3.11	3.20	2.90	2.91	3.05	n/a	n/a	n/a	n/a	n/a
PNW	2.67	2.75	2.56	2.51	2.62	2.76	2.60	2.80	2.73	7.05
Southeast	7.07	3.96	3.67	3.08	2.87	1.87	3.91	4.02	4.03	n/a

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 2024 ($/Truck)

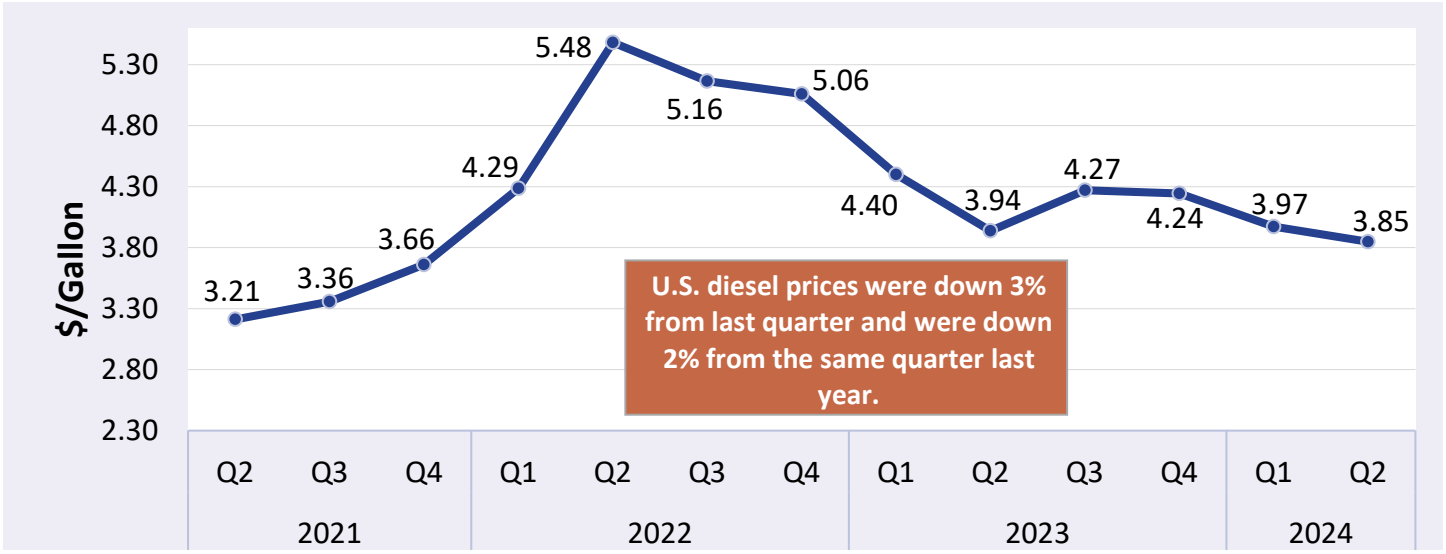
U.S. Origin	Atlanta	Baltimore	Boston	Chicago	Dallas	Los Angeles	Miami	New York	Philadelphia	Seattle
Arizona	5,904	7,765	7,850	5,185	4,017	1,300	7,550	7,646	7,300	3,515
California	6,035	7,758	7,972	5,147	4,174	1,419	7,886	7,735	7,334	3,431
Florida	1,427	2,915	4,158	2,783	n/a	4,650	700	3,819	3,238	n/a
Great Lakes	4,200	4,000	4,650	1,450	4,000	n/a	5,838	4,400	n/a	n/a
Mexico-Arizona	4,959	n/a	7,536	4,617	n/a	1,527	6,509	7,050	n/a	n/a
Mexico-Texas	3,254	4,504	n/a	3,412	1,765	2,873	4,123	5,538	4,946	n/a
New York	3,500	n/a	2,650	n/a	n/a	n/a	4,150	2,250	2,150	n/a
Other	3,043	5,725	5,397	2,150	2,225	n/a	n/a	n/a	n/a	n/a
PNW	6,202	6,738	7,184	4,492	4,836	2,829	7,742	7,155	6,930	987
Southeast	1,272	2,769	4,038	2,694	2,728	4,394	1,953	3,622	3,222	n/a

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)

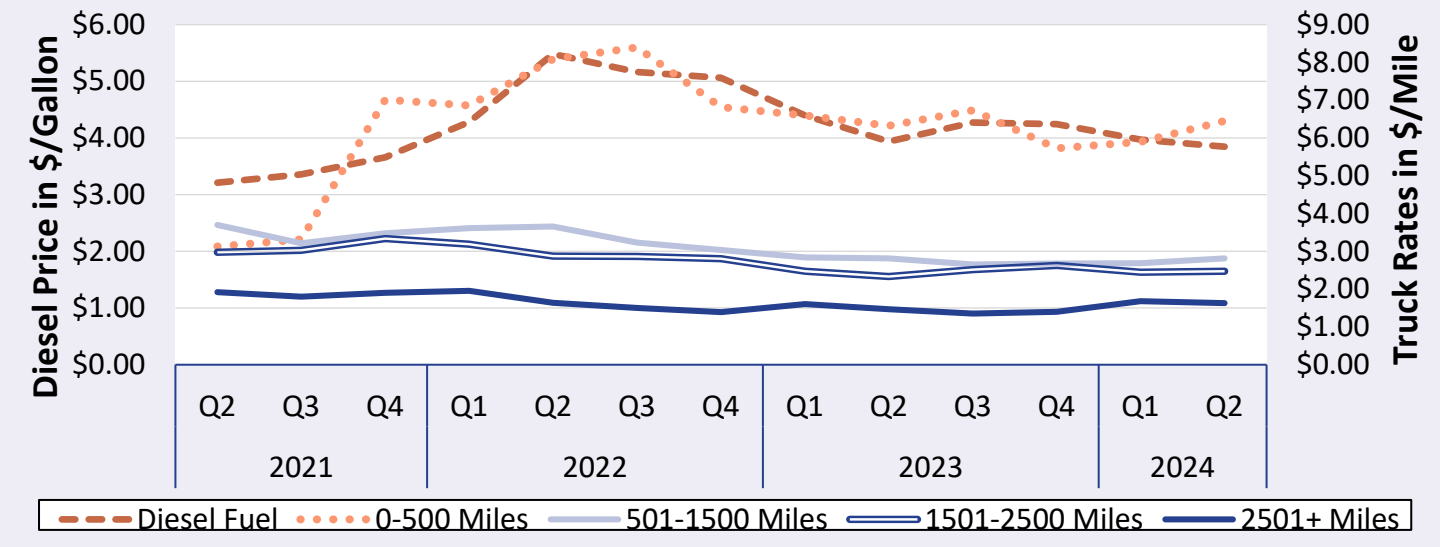
Region	2nd Quarter 2024 Price $/ Gallon	Change From Last Quarter	Change From Last Year
East Coast	3.94	-4%	-2.0%
California	5.08	-2%	5%
New England	4.2	-3%	-3%
Central Atlantic	4.15	-3%	-3%
Lower Atlantic	3.84	-4%	-1%
Gulf Coast	3.56	-4%	-3%
Midwest	3.76	-3%	-2%
Rocky Mountain	3.78	-2%	-7%
West Coast Except California	4.06	-2%	-6%
U.S.	3.85	-3%	-2%

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
2021	Q2	3.21	3.70	11%	27%	32%	47%
	Q3	3.36	3.21	5%	-13%	38%	25%
	Q4	3.66	3.48	9%	8%	48%	19%
2022	Q1	4.29	3.61	17%	4%	48%	24%
	Q2	5.48	3.65	28%	1%	71%	-1%
	Q3	5.16	3.23	-6%	-12%	54%	1%
	Q4	5.06	3.03	-2%	-6%	38%	-13%
2023	Q1	4.4	2.84	-13%	-6%	3%	-21%
	Q2	3.94	2.82	-10%	-1%	-28%	-23%
	Q3	4.27	2.65	8%	-6%	-17%	-18%
	Q4	4.24	2.68	-1%	1%	-16%	-12%
2024	Q1	3.97	2.69	-6%	< 1%	-10%	-5%
	Q2	3.85	2.81	-3%	5%	-2%	> -1%

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	Commodities	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Imperial, Coachella Valleys Ca, Central And Western Az, Mexico Crossings Through Calexico And San Luis	Celery, Sweet Corn, Bell Peppers, Anise, Artichokes, Beets, Bok Choy, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Cilantro, Endive, Escarole, Kale Greens, Boston Lettuce, Green Leaf Lettuce, Iceberg Lettuce, Red Leaf Lettuce, Romaine Lettuce, Green Onions, Parsley, Green Peas, Radishes, Spinach	3	3	3	3	3	3	3	3	3	3	3	3	3
Kern District California	Carrots, Grapes	3	3	3	3	3	3	3	3	3	3	3	3	3
Oxnard District California	Artichokes, Brussels Sprouts, Cabbage, Celery, Cilantro, Kale Greens, Parsley, Radishes, Spinach	3	3	3	3	3	3	3	3	3	3	3	3	3
Salinas-Watsonville California	Broccoli, Cabbage, Cauliflower, Endive, Escarole, Kale Greens, Boston Lettuce, Green Leaf Lettuce, Iceberg Lettuce, Red Leaf Lettuce, Romaine Lettuce, Green Onions, Parsley, Spinach, Artichokes, Celery, Leeks	3	3	3	3	3	3	3	3	3	3	3	3	3
Santa Maria California	Broccoli, Cauliflower, Celery, Chinese Cabbage, Cilantro, Kale Greens, Green Leaf Lettuce, Iceberg Lettuce, Red Leaf Lettuce, Romaine Lettuce, Miscellaneous Asian Vegetables, Parsley, Spinach	3	3	3	3	3	3	3	3	3	3	3	3	3
South And Central District California	Grapefruit, Lemons, Oranges, Tangelos	3	3	3	3	3	3	3	3	3	3	3	3	3

Florida	Commodities	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Central And South Florida	Cucumbers, Okra, Bell Peppers, Other Peppers, Tomatoes, Cherry Tomatoes, Grape Tomatoes, Plum Tomatoes, Watermelons, Sweet Corn, Green Beans, Squash, Cabbage, Celery, Radishes, Endive, Escarole	3	3	3	4	5	5	4	4	3	3			
Florida	Potatoes	3	3	3	3	3	3	3	3	3	3	3		
North And West Florida	Tomatoes, Cherry Tomatoes, Grape Tomatoes, Plum Tomatoes, Watermelons											3	3	3

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Empty cells were not reported. District and availabilities data come from the weekly Specialty Crops Truck Rate reports: https://mymarketnews.ams.usda.gov/filerepo/reports?field_slug_id_value=2375.

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

Great Lakes (MI & WI)	Commodities	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Central Wisconsin	Potatoes, Dry Onions	3	3	3	3	3	3	3	3	3	3	3	3	3

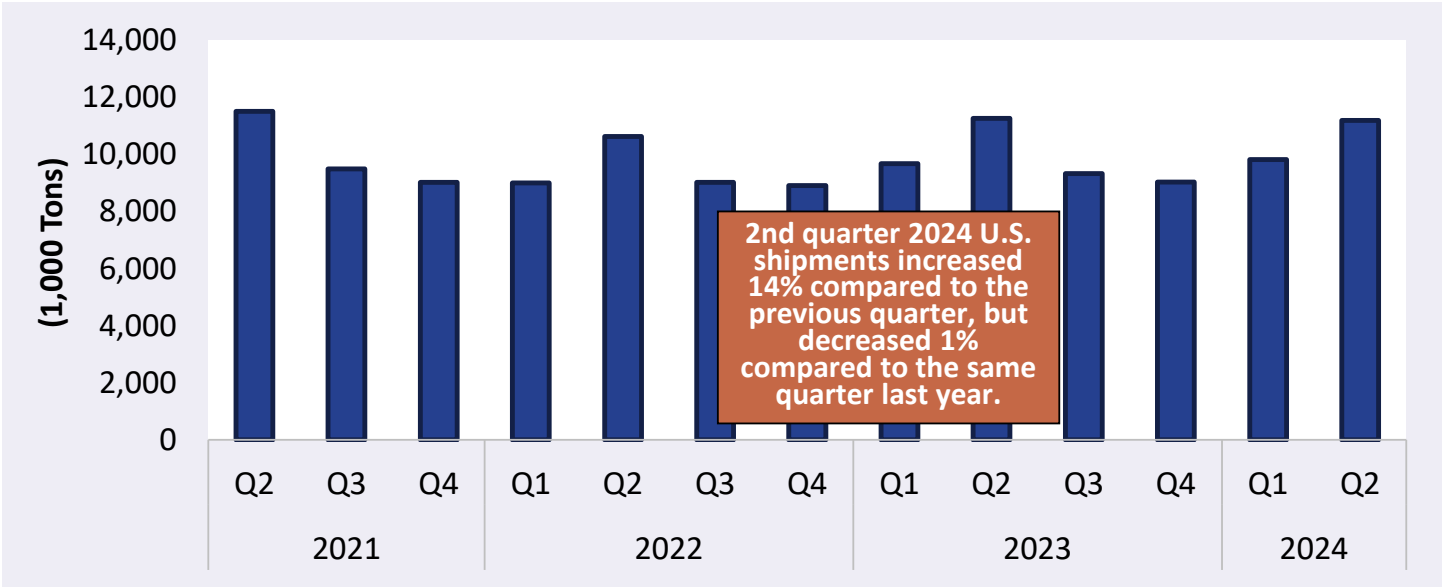
U.S.-Mexico border	Commodities	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Imperial, Coachella Valleys Ca, Central And Western Az, Mexico Crossings Through Calexico And San Luis	Celery, Sweet Corn, Bell Peppers, Anise, Artichokes, Beets, Bok Choy, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Cilantro, Endive, Escarole, Kale Greens, Boston Lettuce, Green Leaf Lettuce, Iceberg Lettuce, Red Leaf Lettuce, Romaine Lettuce, Green Onions, Parsley, Green Peas, Radishes, Spinach	3	3	3	3	3	3	3	3	3	3	3	3	3
Nogales, Arizona	Grapes, Mangos, Honeydews, Tomatoes, Plum Tomatoes, Watermelons, Cantaloupe, Cucumbers, Eggplant, Mixed Peppers Mini Sweets, Other Peppers, Butternut Squash, Kabocha Squash, Grape Tomatoes, Apples Processed, Green Beans, Bell Peppers, Grey Squash, Spaghetti Squash, Zucchini Squash, Tomatillos, Acorn Squash, Yellow Squash Straightneck, Sweet Corn, Grapefruit, Lemons	3	3	3	3	3	4	4	4	4	3	3	3	3
South Texas	Asparagus, Broccoli, Carrots, Chayote, Cilantro, Cucumbers, Grapefruit, Limes, Mangos, Oranges, Papaya, Anaheim Peppers, Bell Peppers, Habanero Peppers, Jalapeno Peppers, Poblano Peppers, Serrano Peppers, Pineapples, Tomatillos, Tomatoes, Grape Tomatoes, Plum Tomatoes, Watermelons	2	1	1	1	2	2	1	3	1	1	1	1	1

Pacific Northwest (ID, OR, &, WA)	Commodities	4/2	4/9	4/16	4/23	4/30	5/7	5/14	5/21	5/28	6/4	6/11	6/18	6/25
Columbia Basin Washington	Potatoes, Dry Onions	2	3	3	3	3	3	3	3	3	3	3	3	3
Idaho And Malheur County, Oregon	Dry Onions	2	3	3	3									
Upper Valley, Twin Falls-Burley District Idaho	Potatoes	2	3	3	3	3	3	3	3	3	3	3	3	3
Yakima Valley And Wenatchee District, Washington	Apples, Blueberries, Cherries, Pears, Rhubarb, Asparagus	3	1	1	1	1	1	1	1	1	1	2	2	3

Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Note: Empty cells were not reported. District and availabilities data come from the weekly Specialty Crops Truck Rate reports: https://mymarketnews.ams.usda.gov/filerepo/reports?field_slug_id_value=2375.

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
2024	9,830	11,205			21,035
2023	9,685	11,274	9,337	9,044	39,340
2022	9,010	10,636	9,032	8,922	37,600
2021	10,051	11,520	9,498	9,034	40,103
2020	10,081	10,750	9,058	9,007	38,895
2019	9,381	10,246	8,687	8,714	37,028
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

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 2024	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
				Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	1,153	186	1,599	518%	-28%
Potatoes	1,139	1,192	1,128	-4%	1%
Apples	808	946	674	-15%	20%
Onions Dry	623	690	748	-10%	-17%
Oranges	622	843	611	-26%	2%
Strawberries	481	506	579	-5%	-17%
Avocados	377	758	703	-50%	-46%
Cucumbers	375	637	642	-41%	-42%
Tomatoes	362	525	596	-31%	-39%
Tomatoes, Plum Type	342	604	568	-43%	-40%

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 2024 Volume	% Change from Last Quarter	% Change From Same Quarter Last Year
Mexico	3,521	1%	-8%
California	3,289	70%	9%
PNW	1,527	-22%	22%
Florida	949	59%	-4%
Southeast	528	808%	4%
Canada	326	17%	-15%
Arizona	237	-65%	-14%
Colorado	188	-14%	-13%
Texas	178	88%	-32%
Great Lakes	165	-26%	1%

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: Due to a lack of rate and availability data, Canada is excluded from the Regional Markets section of this report.

Regional Markets

U.S. Mexico Border

Volume

Total reported shipments of fruit and vegetables from Mexico in second quarter 2024 were 3.52 million tons—8 percent lower than second quarter 2023 (year to year). The summed volume of the top five commodities shipped from the U.S. Mexico border decreased 7 percent year to year. Three of the top five commodities saw year-to-year volume decreases in the second quarter, including seedless watermelons (down 18 percent); avocados (down 14 percent); and cucumbers (down 7 percent). Shipments of plum tomatoes increased 9 percent, and shipments of grapes increased 7 percent.

Rates

In second quarter 2024, truck rates for shipments between 501 miles and 1,500 miles from Arizona-Mexico border crossings averaged $2.73 per mile—down 3 percent quarter to quarter and down 7 percent year to year. Rates for shipments between 501 miles and 1,500 miles from Texas-Mexico border crossings averaged $2.61 per mile—down 8 percent quarter to quarter and down 10 percent year to year.

Truck Overview

Diesel fuel prices for border crossings from Arizona averaged $4.06 per gallon—down 1 percent quarter to quarter and down 6 percent year to year. Diesel fuel prices for border crossings from Texas averaged $3.56—down 3 percent quarter to quarter and down 10 percent year to year. Mexico crossings through Calexico and San Luis reported adequate truck availability throughout the quarter. Mexico crossings through Nogales, AZ, reported adequate truck availability in April and June, and a slight shortage of trucks in May. Mexico crossings through South Texas reported a surplus of trucks in April and June, and a slight surplus of trucks in May.

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

Commodity	2nd Quarter 2024	Share of Mexico-Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	300	9%	93	365	222%	-18%
Tomatoes, Plum Type	288	8%	281	264	2%	9%
Avocados	279	8%	373	324	-25%	-14%
Cucumbers	247	7%	289	266	-14%	-7%
Grapes	204	6%	-	190	-	7%
Top 5 Total	**1,318**	**37%**	**1,037**	**1,410**	**27%**	**-7%**
Mexico Total	**3,521**	**100%**	**3,500**	**3,842**	**1%**	**-8%**

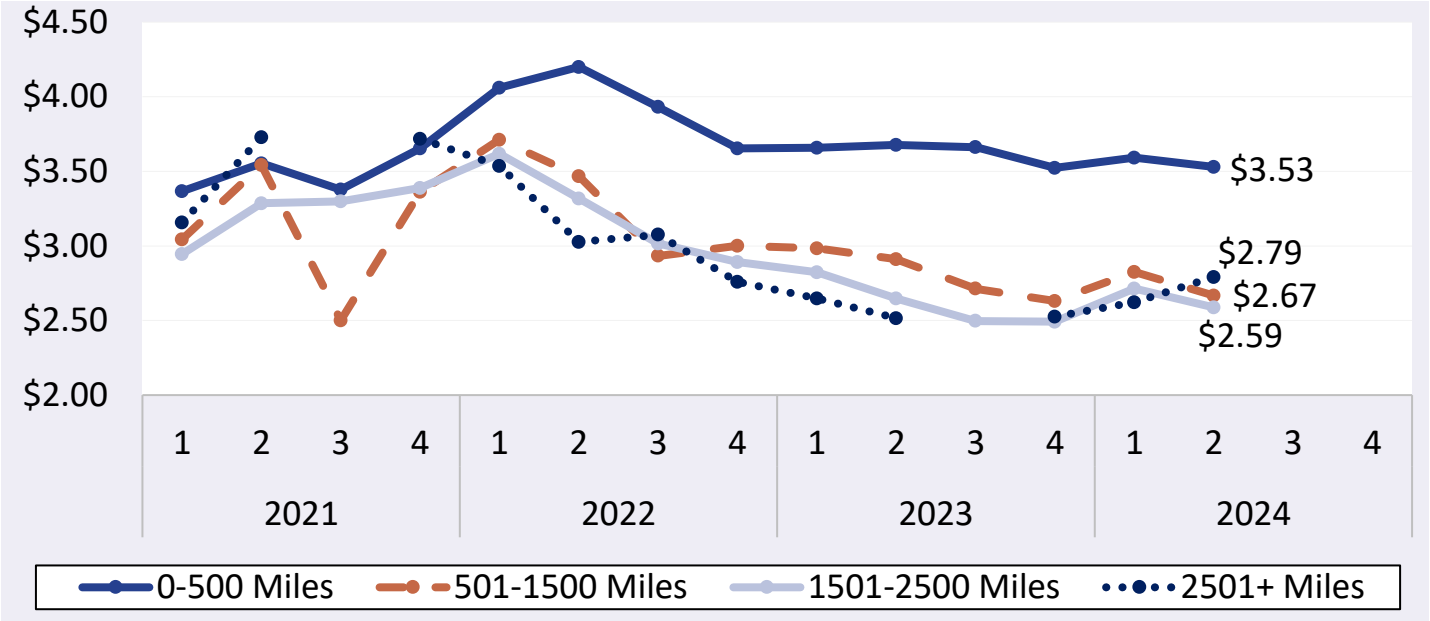
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter or a percentage change with an at- or near-zero denominator.
Note: Table values may not conform exactly due to rounding.

Table 12: Top 5 Commodities Shipped to U.S. from Mexico by State of Entry (1,000 tons)

Texas		California		Arizona		New Mexico	
Commodity	2nd Quarter 2024	Commodity	2nd Quarter 2024	Commodity	2nd Quarter 2024	Commodity	2nd Quarter 2024
Avocados	273	Onions Green	51	Watermelons, Seedless	260	Onions Dry	6
Limes	158	Strawberries	48	Grapes	166	Peppers, Other	2
Mangoes	127	Misc Tropical	45	Tomatoes, Plum Type	142	Misc Tropical	< 1
Tomatoes, Plum Type	109	Tomatoes, Plum Type	38	Cucumbers	132	Garlic	< 1
Onions Dry	102	Cucumbers	31	Peppers, Bell Type	90	Onions Green	< 1
Mexico through TX Total	**1,739**	**Mexico through CA Total**	**518**	**Mexico through AZ Total**	**1,255**	**Mexico through NM Total**	**9**

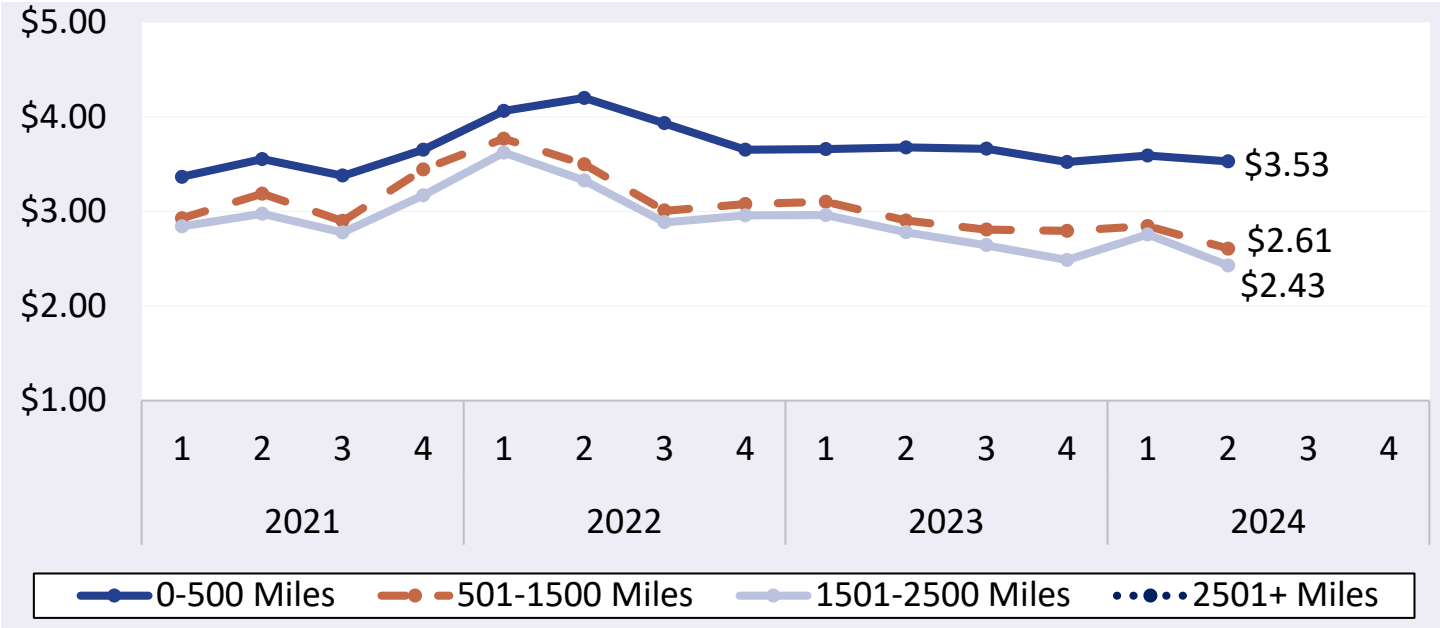
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any "-" in the table indicates no reported shipments during the quarter.
Note: Table values may not conform exactly due to rounding.

Figure 5: Truck Rates from U.S.-Mexico Border ($/Mile by Distance Traveled)



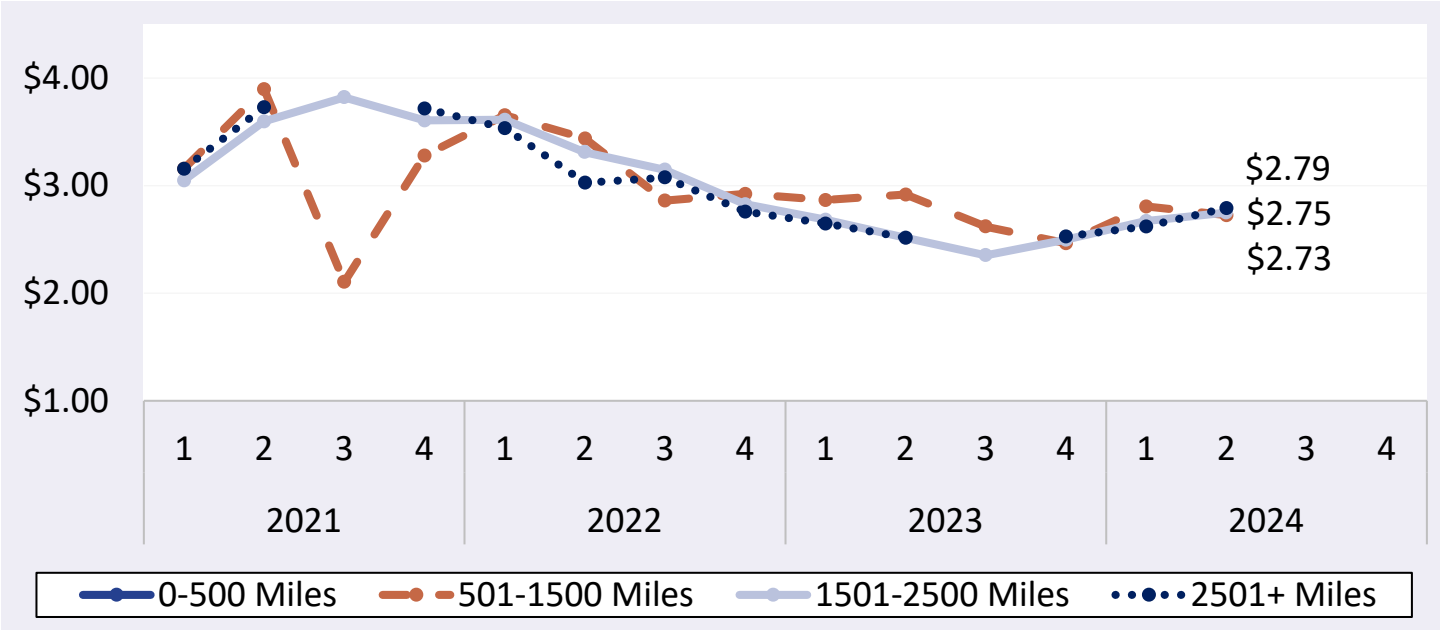
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

Figure 6: 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 7: Arizona Truck Rates from U.S.-Mexico Border ($/Mile by Distance Traveled)



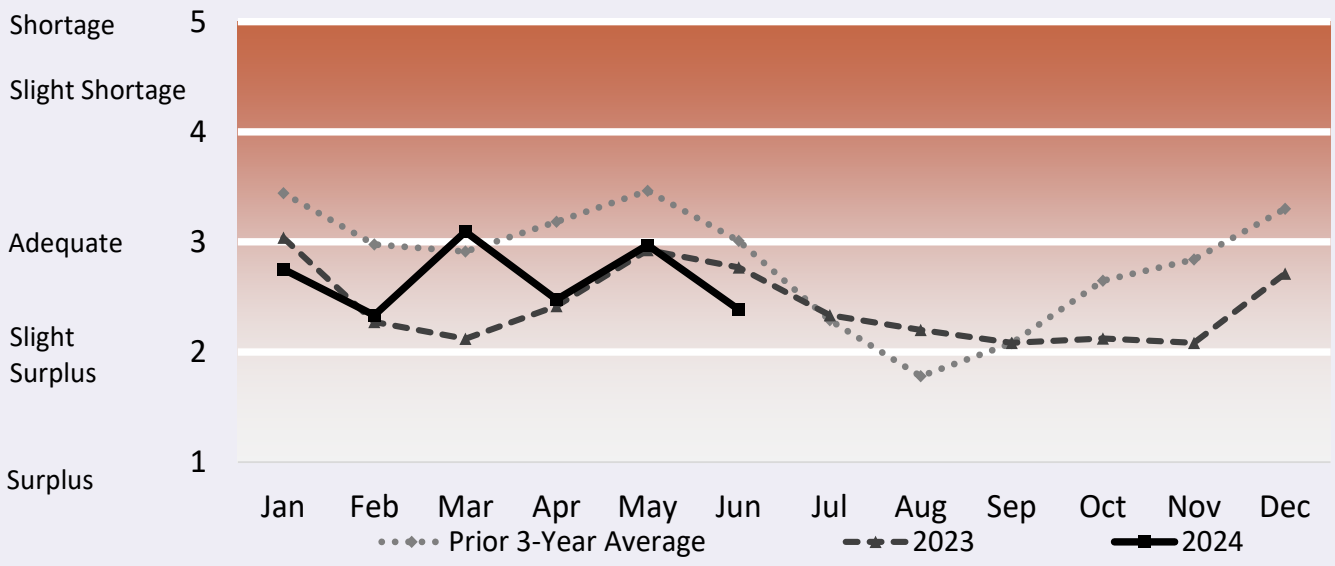
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

Table 13: Truck Overview from the U.S.-Mexico Border (Availability Rating: 1=Surplus to 5=Shortage)

Region/Reporting District	April	May	June	2nd Quarter
Imperial, Coachella Valleys Ca, Central And Western Az, Mexico Crossings Through Calexico And San Luis	3	3	3	3
Mexico Crossings Through Nogales, Arizona	3	4.13	3	3.38
Mexico Crossings Through South Texas	1.41	1.79	1	1.40
Regional Average Availability	2.47	2.97	2.33	2.59
Diesel Fuel Price ($/gallon), through Texas	**3.70**	**3.54**	**3.45**	**3.56**
Diesel Fuel Price ($/gallon), through Arizona	**4.18**	**4.03**	**3.96**	**4.06**

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 8: 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.

California

Volume

In second quarter 2024, USDA reported total shipments of fruit and vegetables from California were 3.29 million tons—up 9 percent from second quarter 2023. The summed volume of the top five commodities shipped from California increased 21 percent year to year. Three of the top five commodities saw year-to-year volume increases, including strawberries (up 16 percent); oranges (up 11 percent); and romaine lettuce (up less than 1 percent). Shipments of lemons decreased 16 percent. Shipments of royal mandarins were not reported in second quarter 2023, but accounted for 8 percent of the total shipments from California in second quarter 2024.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $2.84 per mile—up 11 percent quarter to quarter, but down 15 percent year to year.

Truck Overview

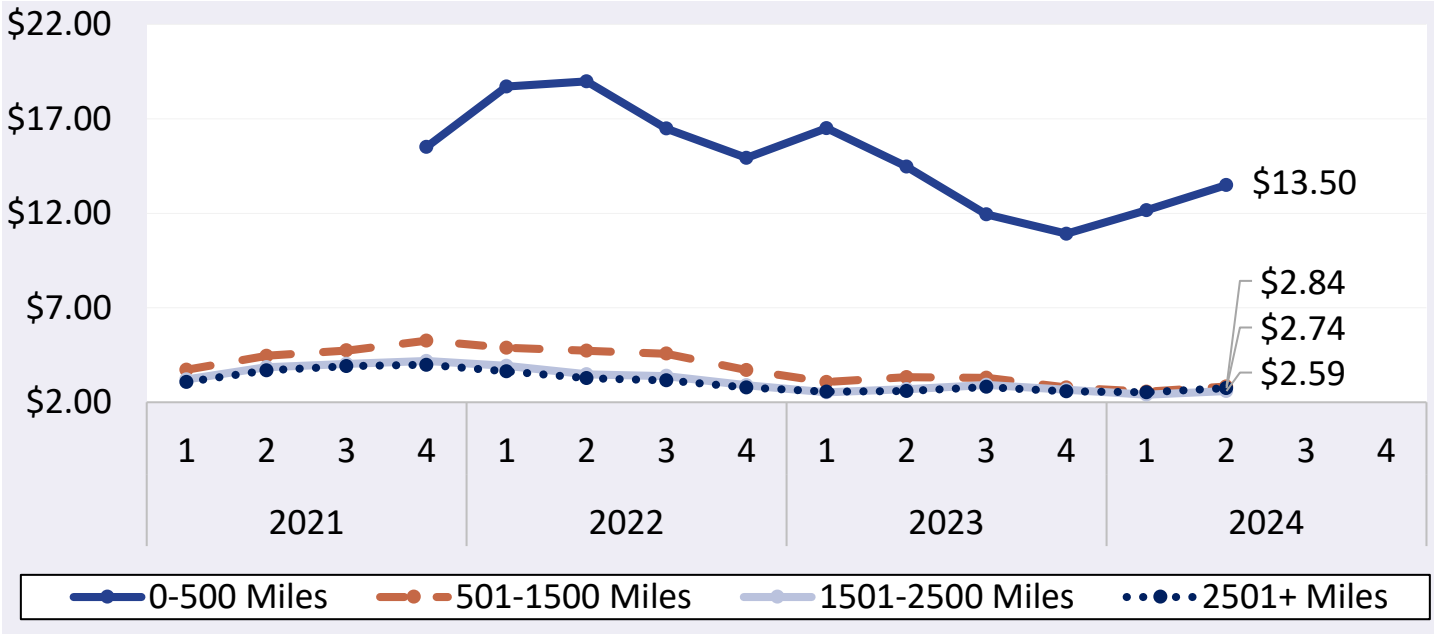
Diesel fuel prices averaged $5.08 per gallon—down 2 percent quarter to quarter, but up 5 percent year to year. All districts reported adequate truck availability throughout the quarter.

Table 14: Reported Top Five Commodities Shipped from California (1,000 tons)

Commodity	2nd Quarter 2024	Share of California Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Oranges	592	18%	741	534	-20%	11%
Strawberries	424	13%	72	367	488%	16%
Lemons	328	10%	208	389	58%	-16%
Royal Mandarin	267	8%	13	-	1,986%	-
Lettuce, Romaine	236	7%	55	236	333%	< 1%
Top 5 Total	**1,847**	**56%**	**1,089**	**1,526**	**70%**	**21%**
California Total	**3,289**	**100%**	**1,933**	**3,024**	**70%**	**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 9: California Truck Rates ($/Mile by Distance Travelled)



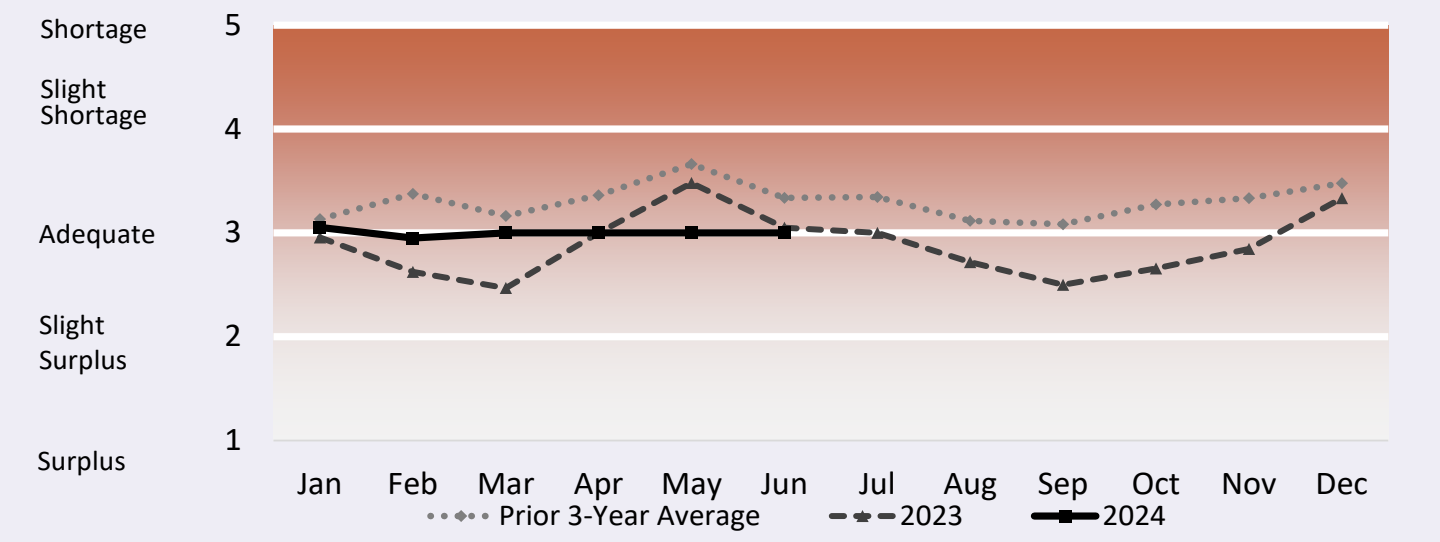
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

Table 15: California Truck Overview (Availability Rating: 1=Surplus to 5=Shortage)

Region/Reporting District	April	May	June	2nd Quarter
Kern District California	3	3	3	3
Oxnard District California	3	3	3	3
Salinas-Watsonville California	3	3	3	3
Santa Maria California	3	3	3	3
South And Central District California	3	3	3	3
Regional Average Availability	3	3	3	3
Diesel Fuel Price ($/gallon)	**5.24**	**5.08**	**4.93**	**5.08**

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 10: 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.

PNW

Volume

In second quarter 2024, total reported shipments of fruit and vegetables from PNW were 1.53 million tons, up 22 percent year to year. The summed volume of the top five commodities shipped from PNW also increased 22 percent year to year. Four of the top five commodities saw year-to-year volume increases, including cherries (up 56 percent); potatoes (up 30 percent); apples (up 22 percent); and dry onions (up 4 percent). Shipments of pears decreased 20 percent.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $2.76 per mile—down 17 percent quarter to quarter, but up 11 percent year to year.

Truck Overview

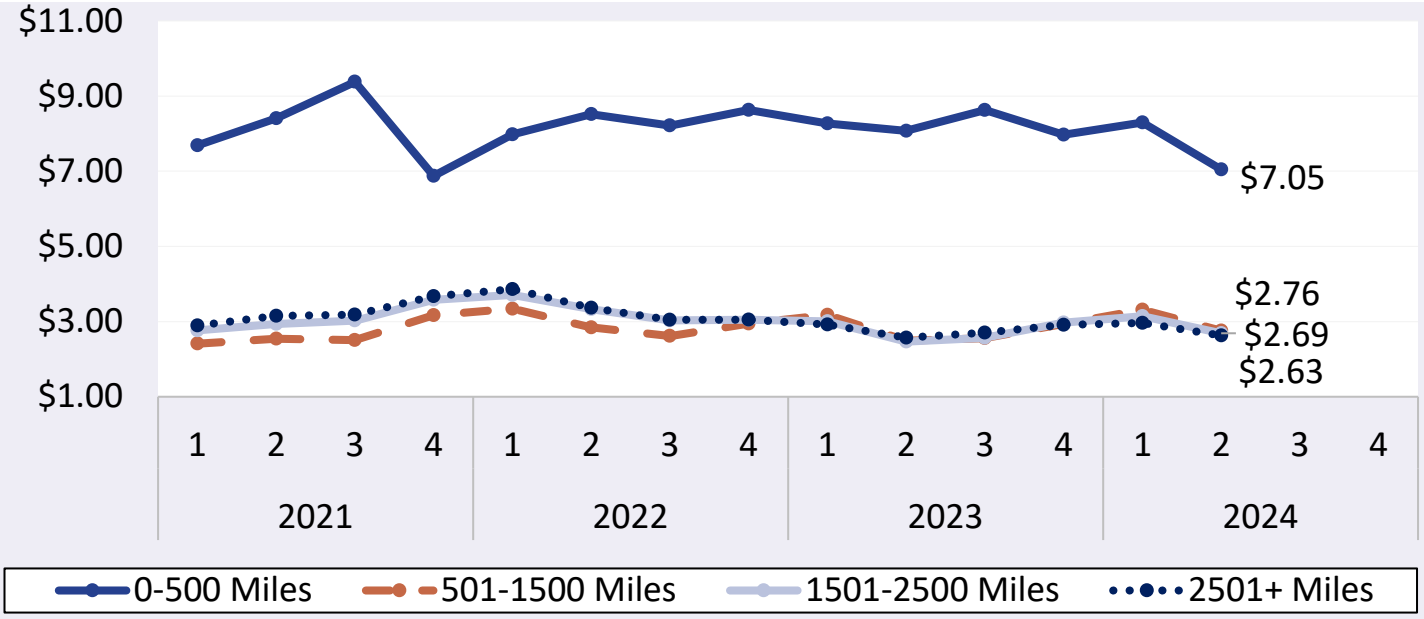
Diesel fuel prices averaged $4.06 per gallon—down 1 percent quarter to quarter and down 6 percent year to year. The Columbia Basin district reported adequate truck availability throughout the quarter. The Idaho and Malheur County district reported adequate truck availability in April, and did not report in May or June. The Twin Falls-Burley district reported a slight surplus of trucks in April, and adequate truck availability in May and June. The Yakima Valley and Wenatchee district reported a surplus of trucks in April and May, and a slight surplus of trucks in June.

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

Commodity	2nd Quarter 2024	Share of PNW Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Apples	699	46%	806	571	-13%	22%
Potatoes	538	35%	533	413	1%	30%
Onions Dry	155	10%	481	150	-68%	4%
Cherries	76	5%	-	49	-	56%
Pears	55	4%	139	69	-60%	-20%
Top 5 Total	**1,523**	**100%**	**1,959**	**1,252**	**-22%**	**22%**
PNW Total	**1,527**	**100%**	**1,959**	**1,255**	**-22%**	**22%**

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 Travelled)



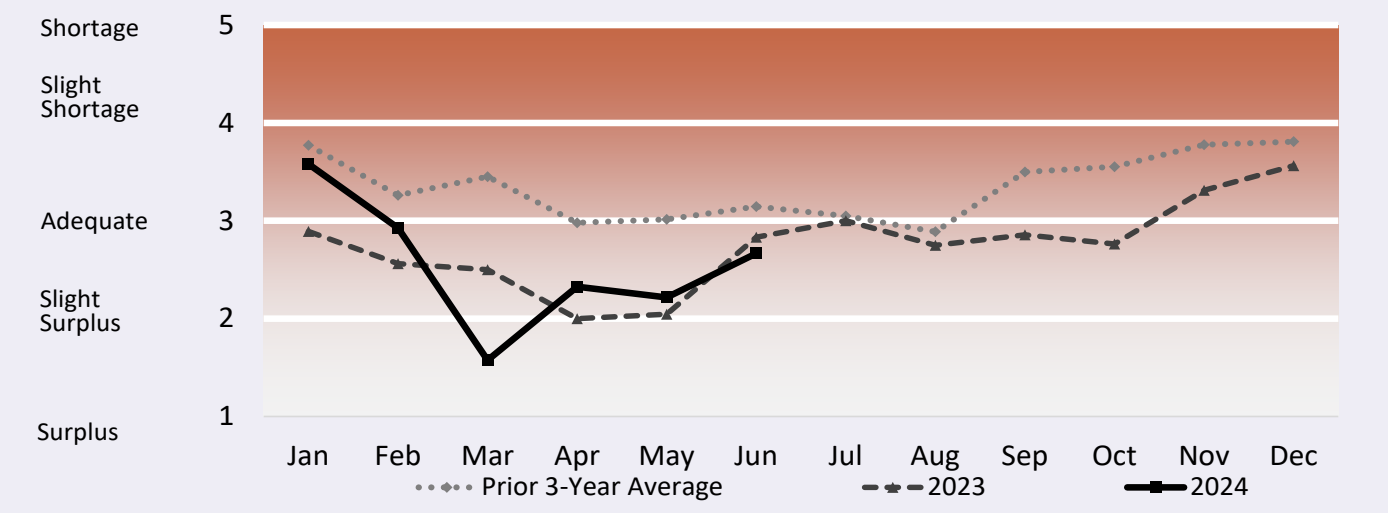
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	April	May	June	2nd Quarter
Columbia Basin Washington	2.8	3	3	2.93
Idaho And Malheur County, Oregon	2.75	-	-	2.75
Upper Valley, Twin Falls-Burley District Idaho	2.44	2.65	3	2.70
Yakima Valley And Wenatchee District, Washington	1.4	1	2	1.47
Regional Average Availability	2.35	2.22	2.67	2.41
Diesel Fuel Price ($/gallon)	**4.18**	**4.03**	**3.96**	**4.06**

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 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

During second quarter 2024, total reported shipments of fruit and vegetables from Florida were 949,000 tons—down 4 percent from second quarter 2024. The summed volume of the top five commodities shipped from Florida decreased 8 percent year to year. Three of the top five commodities saw year-to-year volume decreases in the second quarter, including seeded watermelons (down 14 percent); seedless watermelons (down 13 percent); and potatoes (down 2 percent). Shipments of sweet corn increased 4 percent and shipments of tomatoes were flat.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $2.96 per mile—up 27 percent quarter to quarter and up 11 percent year to year.

Truck Overview

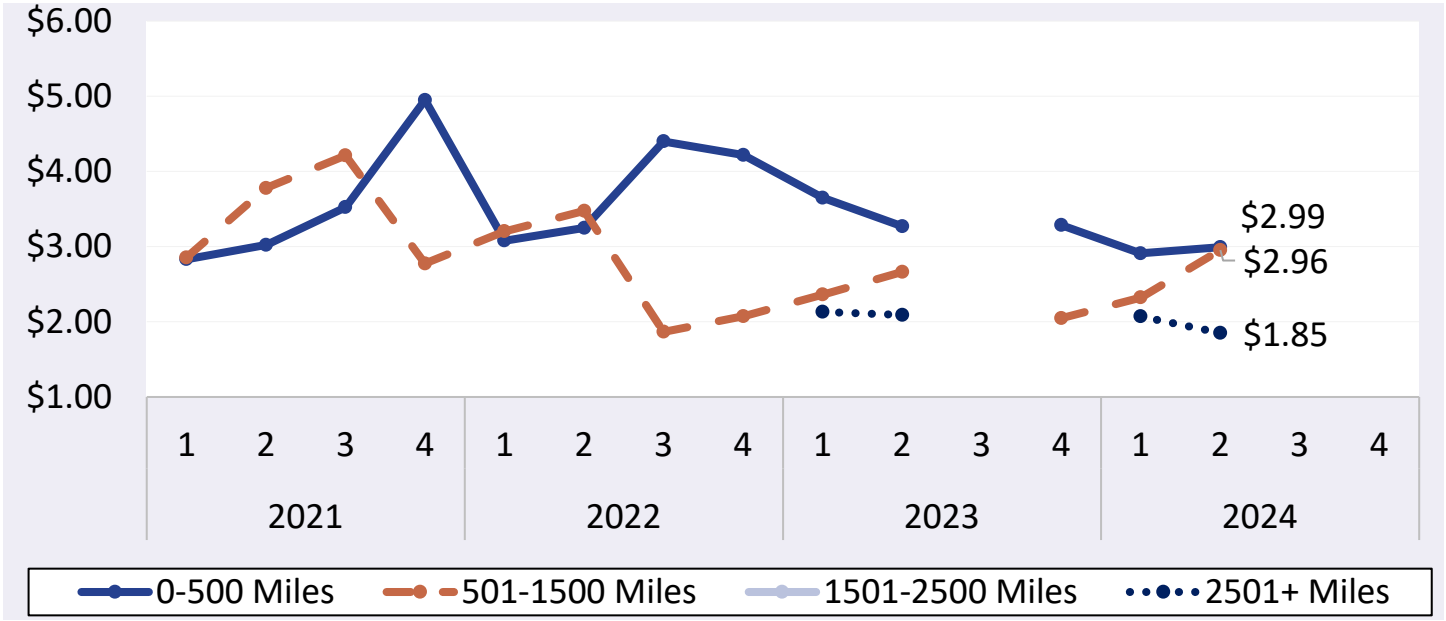
Diesel fuel prices averaged $3.84 per gallon—down 4 percent quarter to quarter and flat year to year. The Central and South Florida district reported a slight shortage of trucks in April and May, and adequate truck availability in June. The Florida district reported adequate truck availability throughout the quarter. The North and West Florida district reported adequate truck availability in June, and did not report in April or May.

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

Commodity	2nd Quarter 2024	Share of Florida Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	400	42%	< 1	462	-	-13%
Tomatoes	102	11%	87	102	17%	< 1%
Corn-Sweet	100	11%	52	97	93%	4%
Potatoes	81	9%	30	82	173%	-2%
Watermelons, Seeded	45	5%	-	52	-	-14%
Top 5 Total	**728**	**77%**	**169**	**795**	**331%**	**-8%**
Florida Total	**949**	**100%**	**598**	**992**	**59%**	**-4%**

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 Travelled)



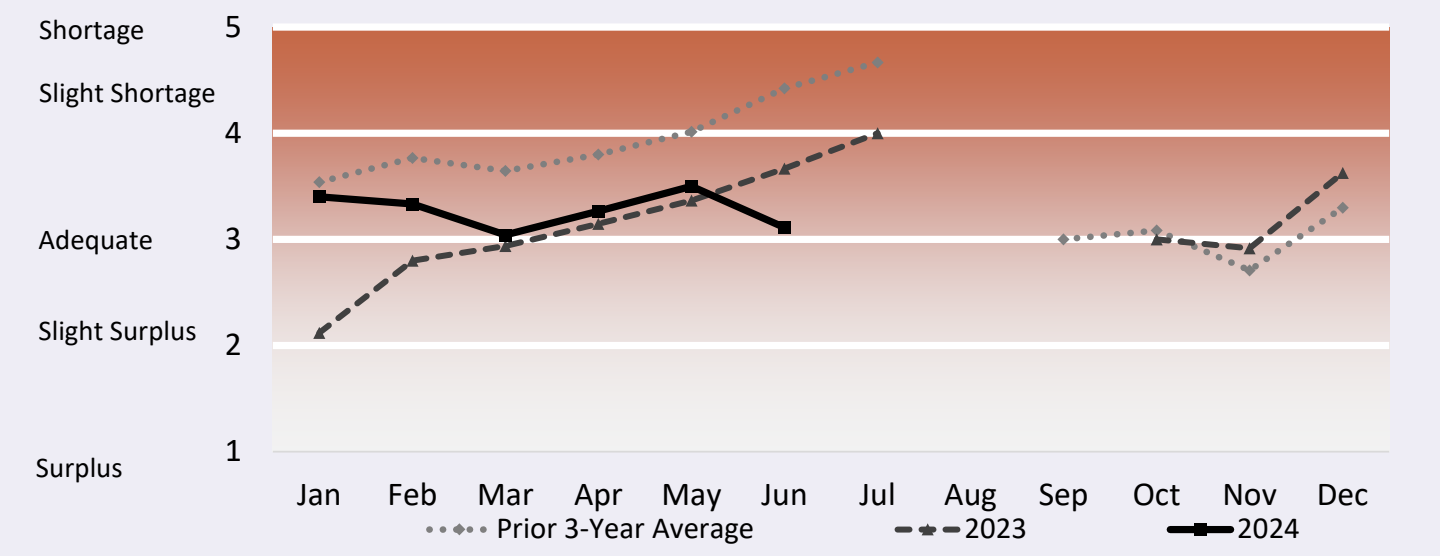
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	April	May	June	2nd Quarter
Central And South Florida	3.53	4	3	3.51
Florida	3	3	3	3
North And West Florida	-	-	3.22	3.22
Regional Average Availability	3.27	3.5	3.07	3.28
Diesel Fuel Price ($/gallon)	**3.97**	**3.80**	**3.73**	**3.84**

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

Total reported shipments of fruit and vegetables from the Southeast in second quarter 2024 were 528,000 tons, up 4 percent year to year. The summed volume of the top five commodities shipped from the Southeast increased 21 percent year to year. Four of the top five commodities saw year-to-year volume increases in the second quarter, including sweet potatoes (up 75 percent); blueberries (up 33 percent); seedless watermelons (up 20 percent); and cantaloupe (up 17 percent). Shipments of dry onions decreased 1 percent.

Rates

The quarterly average truck rate for shipments between 501 miles and 1,500 miles was $3.62 per mile—down 5 percent year to year. A quarter-to-quarter comparison is unavailable.

Truck Overview

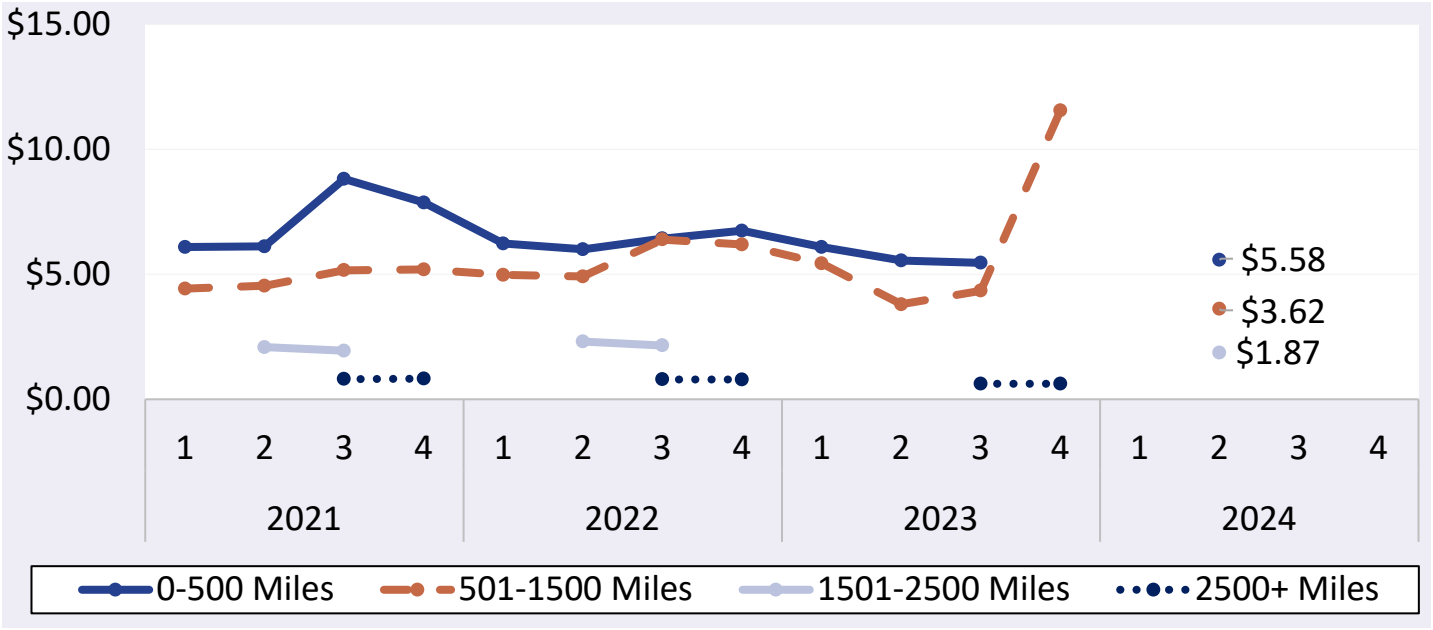
Diesel fuel prices averaged $3.84 per gallon—down 4 percent quarter to quarter and flat year to year. The Central and South Florida district reported adequate availability throughout the quarter. The South Georgia district reported adequate truck availability in June, and did not report in April or May. The Vidalia district reported adequate truck availability in May and June, and did not report in April.

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

Commodity	2nd Quarter 2024	Share of Southeast Total	Previous Quarter	Same Quarter Last Year	Current Quarter as % change from:	
					Previous Qtr	Same Qtr Last Year
Watermelons, Seedless	245	46%	-	203	-	20%
Onions Dry	69	13%	-	70	-	-1%
Sweet Potatoes	49	9%	52	28	-4%	75%
Blueberries	41	8%	-	30	-	33%
Cantaloupe	22	4%	-	18	-	17%
Top 5 Total	**426**	**81%**	**52**	**351**	**721%**	**21%**
Southeast Total	**528**	**100%**	**58**	**510**	**808%**	**4%**

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 Travelled)



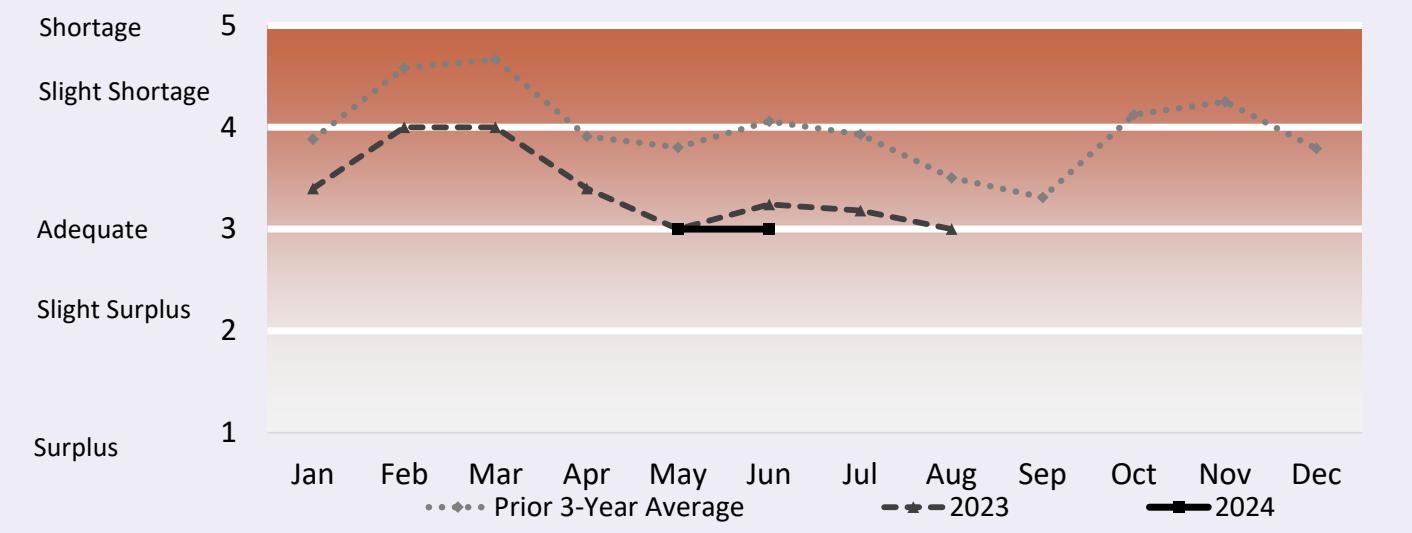
Source: AMS Transportation Services Division analysis of AMS Specialty Crops Program Market News data.
Any gaps in the chart lines are the result of quarters with no reported data for the region.

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

Region/Reporting District	April	May	June	2nd Quarter
South Georgia	-	-	3	3
Vidalia District Georgia	-	3	3	3
Regional Average Availability	-	3	3	3
Diesel Fuel Price ($/gallon)	**3.97**	**3.80**	**3.73**	**3.84**

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 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.

Additional Information

Terms and References

Data Reporting and Publication Window

The publication date of each Agricultural Refrigerated Truck Quarterly (AgRTQ) depends on the timing of data reporting. Reporting of truck shipments in some regions can be delayed 2-3 months past their respective quarter. We publish the AgRTQ one month after that lag in order to capture a more complete picture of truck shipments during the quarter.

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
https://www.ams.usda.gov/about-ams/programs-offices/specialty-crops-program

Specialty Crops Truck Rate Report
https://mymarketnews.ams.usda.gov/filerepo/reports?field_slug_id_value=2375

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Preferred Citation

U.S. Department of Agriculture, Agricultural Marketing Service. *Agricultural Refrigerated Truck Quarterly Report*. January 2025 Web. <https://dx.doi.org/10.9752/TS051.01-2025>

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