

Table A-2.1. Truck Transportation (NAICS 484), Couriers and Messengers (NAICS 492), and Warehousing and Storage (NAICS 493)—Estimated Coefficients of Variation for Revenue and Year-to-Year Ratios for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

NAICS code	Kind of business	Coefficients of variation for revenue		
		2004	2003	Year-to-year ratio 2004/2003
	Selected transportation and warehousing industries¹	0.9	0.7	0.8
484	Truck transportation	1.1	0.8	0.8
4841	General freight trucking	1.0	1.0	0.7
48411	General freight trucking, local	2.0	1.5	1.6
48412	General freight trucking, long-distance	1.1	1.0	0.7
484121	General freight trucking, long-distance, truckload	1.5	1.2	1.0
484122	General freight trucking, long-distance, less than truckload	2.0	1.5	1.2
4842	Specialized freight trucking	2.6	1.8	1.6
48421	Used household and office goods moving	3.2	2.4	2.5
48422	Specialized freight (except used goods) trucking, local	5.0	4.1	2.7
48423	Specialized freight (except used goods) trucking, long-distance	3.2	2.4	2.2
492	Couriers and messengers	1.2	1.5	1.5
4921	Couriers	1.1	1.3	1.5
4922	Local messengers and local delivery	8.4	8.4	3.0
493	Warehousing and storage	5.2	3.3	3.0
4931	Warehousing and storage	5.2	3.3	3.0
49311	General warehousing and storage	8.4	4.8	4.7
49312	Refrigerated warehousing and storage	1.9	2.5	1.5
49313	Farm product warehousing and storage	23.1	25.0	4.5
49319	Other warehousing and storage	2.6	1.9	2.7

¹Excludes NAICS 481 (air transportation), NAICS 483 (water transportation), NAICS 485 (transit and ground passenger transportation), NAICS 486 (pipeline transportation), NAICS 487 (scenic and sightseeing transportation), NAICS 488 (support activities for transportation), and NAICS 491 (postal service).

Note: The introduction and appendixes give information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions. Links to this information on the Internet may be found at www.census.gov/svsd/www/cv.html.

Table A-2.2. Truck Transportation (NAICS 484)—Estimated Coefficients of Variation for Sources of Revenue and Year-to-Year Ratios for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
OPERATING REVENUE			
Total	1.1	0.8	0.8
Motor carrier	1.2	1.0	0.8
Local trucking	2.7	2.3	1.2
Long-distance trucking	1.0	1.1	0.8
Other operating revenue (truck transportation)	6.4	5.4	2.5

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Table A-2.3. Truck Transportation (NAICS 484)—Estimated Coefficients of Variation for Revenue by Size of Shipments, Commodities Handled, and Origin and Destination of Shipments for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for revenue		
	2004	2003	Year-to-year ratio 2004/2003
Total motor carrier revenue	1.2	1.0	0.8
SIZE OF SHIPMENTS			
Less-than-truckload	2.3	2.4	1.1
Truckload	1.6	1.7	1.2
COMMODITIES HANDLED			
Agricultural and fish products	6.3	6.4	4.9
Grains, alcohol, and tobacco products	9.7	11.2	5.6
Stone, nonmetallic minerals, and metallic ores	7.7	7.5	3.5
Coal and petroleum products	7.6	7.7	5.6
Pharmaceutical and chemical products	8.7	10.3	2.7
Wood products, textiles, and leathers	6.4	4.5	3.8
Base metal and machinery	6.4	6.7	2.4
Electronic, motorized vehicles, and precision instruments	7.9	10.1	7.7
Used household and office goods	6.1	5.0	4.4
New furniture and miscellaneous manufactured products	4.2	4.6	1.8
Other goods	3.5	2.7	1.2
HAZARDOUS MATERIALS			
Hazardous materials	7.0	7.5	4.1
ORIGIN AND DESTINATION OF SHIPMENTS			
U.S. to U.S.	1.2	1.0	0.9
U.S. to Canada	8.4	10.1	2.5
U.S. to Mexico	9.4	11.7	8.4
Canada to U.S.	10.3	8.7	2.3
Mexico to U.S.	11.5	10.7	12.2
All other destinations	14.6	14.0	8.7

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Table A-2.4. Truck Transportation (NAICS 484)—Estimated Coefficients of Variation for Inventories of Revenue Generating Equipment by Type of Carrier for Employer Firms: 2003 and 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Equipment	All Carriers		
	Total	Owned	Leased
TRUCKS			
Units (thousands)			
2004	11.1	11.8	S
2003	10.1	10.9	16.4
Year-to-Year Ratio			
2004/2003	3.2	3.5	S
TRUCK-TRACTORS			
Units (thousands)			
2004	3.4	4.1	8.1
2003	3.4	3.2	9.2
Year-to-Year Ratio			
2004/2003	2.3	2.5	8.5
TRAILERS			
Units (thousands)			
2004	3.2	3.2	5.7
2003	2.2	2.3	5.5
Year-to-Year Ratio			
2004/2003	1.9	2.1	5.0

S Data do not meet publication standards because of high sampling variability or poor response quality.

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Table A-2.5. **Truck Transportation (NAICS 484)—Estimated Coefficients of Variation for Number of Truck Miles Traveled by Employer Firms: 2003 and 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents. Estimates for 2003 are revised to reflect historical corrections to individual responses]

Item	Coefficients of variation for truck miles		
	2004	2003	Year-to-year ratio 2004/2003
Total distance traveled in highway miles	3.6	3.8	1.1
Miles traveled by loaded or partially loaded vehicles	3.4	3.5	0.9
Miles traveled by empty vehicles	5.1	5.8	3.1

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Table A-2.6. **Truck Transportation (NAICS 484), Couriers and Messengers (NAICS 492), and Warehousing and Storage (NAICS 493)—Estimated Coefficients of Variation for Total Expenses for Employer Firms: 2004**

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents.]

NAICS code	Kind of business	Coefficients of variation for expenses
		2004
	Selected transportation and warehousing industries¹	0.9
484	Truck transportation	1.3
4841	General freight trucking	1.4
48411	General freight trucking, local	2.4
48412	General freight trucking, long-distance	1.5
484121	General freight trucking, long-distance, truckload	1.9
484122	General freight trucking, long-distance, less than truckload	2.2
4842	Specialized freight trucking	2.6
48421	Used household and office goods moving	3.1
48422	Specialized freight (except used goods) trucking, local	4.8
48423	Specialized freight (except used goods) trucking, long-distance	3.3
492	Couriers and messengers	1.1
4921	Couriers	1.0
4922	Local messengers and local delivery	8.6
493	Warehousing and storage	5.8
4931	Warehousing and storage	5.8
49311	General warehousing and storage	9.3
49312	Refrigerated warehousing and storage	1.7
49313	Farm product warehousing and storage	S
49319	Other warehousing and storage	S

S Data do not meet publication standards because of high sampling variability or poor response quality.

¹Excludes NAICS 481 (air transportation), NAICS 483 (water transportation), NAICS 485 (transit and ground passenger transportation), NAICS 486 (pipeline transportation), NAICS 487 (scenic and sightseeing transportation), NAICS 488 (support activities for transportation), and NAICS 491 (postal service).

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Table A-2.7. Truck Transportation (NAICS 484), Couriers and Messengers (NAICS 492), and Warehousing and Storage (NAICS 493)—Estimated Coefficients of Variation for Selected Expenses for Employer Firms: 2004

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents.]

Item	Coefficients of variation for expenses
	2004
TRUCK TRANSPORTATION (NAICS 484)	
Operating Expenses	
Total	1.3
Contract labor	7.7
Total materials and supplies	3.4
Computer and other business equipment and supplies	6.4
Other materials, parts, and supplies	4.0
Total purchased services	1.5
Cost of purchased transportation	2.5
Purchased repair and maintenance	2.4
Purchased fuels for trucks, truck-tractors, and other motor vehicles	2.2
Purchased fuels (except motor fuels)	13.2
Purchased Insurance	2.6
Custom coded software and system design and support services	3.0
Data processing and other purchased computer services	4.5
Purchased communication services	1.8
Purchased electricity	6.4
Purchased management consulting, admin., and other prof. services	5.1
Lease and rental payments	3.0
All other purchased services	5.0
All other operating expenses	1.1
COURIERS AND MESSENGERS (NAICS 492)	
Operating Expenses	
Total	1.1
Contract labor	8.9
Total materials and supplies	2.0
Computer and other business equipment and supplies	3.2
Other materials, parts, and supplies	2.0
Total purchased services	3.1
Cost of purchased transportation	11.4
Purchased repair and maintenance	1.4
Purchased fuels for trucks, truck-tractors, and other motor vehicles	4.7
Purchased fuels (except motor fuels)	3.9
Purchased Insurance	S
Custom coded software and system design and support services	18.0
Data processing and other purchased computer services	S
Purchased communication services	2.5
Purchased electricity	1.4
Purchased management consulting, admin., and other prof. services	1.6
Lease and rental payments	5.6
All other purchased services	2.0
All other operating expenses	0.8

See footnotes at end of table.

Table A-2.7. **Truck Transportation (NAICS 484), Couriers and Messengers (NAICS 492), and Warehousing and Storage (NAICS 493)—Estimated Coefficients of Variation for Selected Expenses for Employer Firms: 2004—Con.**

[Estimates are based on data from the 2004 Service Annual Survey and administrative records and are published as percents.]

Item	Coefficients of variation for expenses
	2004
WAREHOUSING AND STORAGE (NAICS 493)	
Operating Expenses	
Total	5.8
Contract labor	9.7
Total materials and supplies	6.7
Computer and other business equipment and supplies	7.6
Other materials, parts, and supplies	7.8
Total purchased services	6.0
Cost of purchased transportation	11.7
Purchased repair and maintenance	11.3
Purchased fuels for trucks, truck-tractors, and other motor vehicles	S
Purchased fuels (except motor fuels)	S
Purchased Insurance	6.1
Custom coded software and system design and support services	14.0
Data processing and other purchased computer services	11.2
Purchased communication services	4.7
Purchased electricity	6.0
Purchased management consulting, admin., and other prof. services	13.6
Lease and rental payments	5.8
All other purchased services	S
All other operating expenses	6.7

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