

All the information in this section is provided by the Florida Department of Education's website provided by the Bridges' Corporation and can be found at <http://florida.echoices.com>.

Airport Transportation Manager

Description

Plans, directs, and coordinates the transportation operations of an organization.

Typical Tasks

- Analyzes financial reports to develop plans, policies, and budgets.
- Ensures compliance with administrative policies, procedures, safety rules, and government regulations.
- Reviews transportation schedules, worker assignments, and routes.
- Oversees investigations to determine causes of accidents and to improve safety procedures.
- Oversees activities relating to dispatching, routing, and tracking transportation vehicles.
- Makes recommendations for increasing fares, tariffs, and changes to schedules.
- Recommends and approves capital spending for new equipment and property.
- Meets with commissions and regulatory bodies during hearings about rate increases.
- Monitors vendor contacts, and approves requisitions.
- Participates in union contract negotiations and the settlement of grievances.

Field of Work

A field of work represents a broad, general area of work activity. Occupations that have similar types of work are assigned to the same field.

Management Occupations

Occupations that include activities such as organizing, directing, or controlling the major functions of a business or government agency.

Career Pathways

Occupations have been organized into Career Pathways to help students with high school course planning.

Business, Information Management, and Marketing

Occupations related to the business environment. These may include entrepreneurship, sales, marketing, computer information systems, finance, accounting, personnel, economics, and management.

Career Clusters

The U.S. Department of Education has established 16 broad Career Clusters that contain all entry-level through professional-level occupations in a broad industry area. Clusters consist of grouped career areas with similar skill and education requirements.

Transportation, Distribution & Logistics Services

Occupations that include activities such as planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Specialties and Similar Occupations

Other occupations that are more detailed or similar to this broad occupation. DOT codes are from the Dictionary of Occupational Titles.

- **Manager, Airport (DOT 184.117-026)**
Plans, directs, and coordinates, through subordinate personnel, activities concerned with construction and maintenance of airport facilities and operation of airport in accordance with governmental agency or commission policies and regulations.
- **Manager, Traffic (DOT 184.167-094)**
Directs and coordinates traffic activities of organization.
- **Manager, Truck Terminal (DOT 184.167-110)**
Directs and coordinates activities of terminal used by trucking concerns as intermediate freight distribution or shipping point.
- **Station Manager (DOT 184.167-130)**
Directs and coordinates activities of railroad station employees and authorizes departure of trains.
- **Storage and Distribution Managers (O*NET 15023D)**
Plan, direct, and coordinate the storage and distribution operations within an organization or the activities of organizations that are engaged in storing and distributing materials and products.
- **Superintendent, Terminal (DOT 184.167-214)**
Manages operations of freight terminal to load and discharge ships' cargoes.
- **Supervisor, Train Operations (DOT 184.167-294)**
Directs and coordinates activities of personnel engaged in scheduling and routing trains and engines in specified railroad territory.

For More Information

The following organization(s) may provide additional information about this occupation.

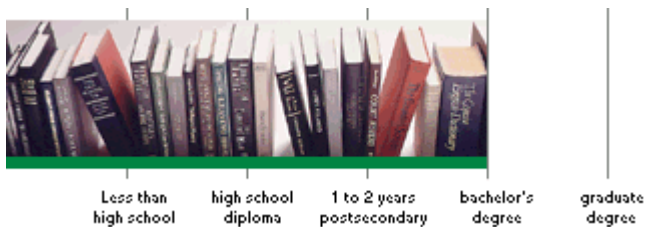
- Businesses in the transportation industry

• **Related Resources**

- O*NET-SOC occupation: 11-3071.01 Transportation Managers
- SOC occupation: 11-3071 Transportation, Storage, and Distribution Managers
- Military Careers (2001 edition) page 328

Education, Training and Work Experience

Education, training, and experience are required at different levels for success in different occupations. The education level for this occupation:



• **Bachelor's degree**

Requires graduation from a 4-year college or university. Some work experience may also be required.

Related Education Programs and Notes (CIP codes shown with programs):

- Aviation and Airway Science (49.0101)
- Aviation Management (49.0104)
- Business Administration and Management, General (52.0201)
- Logistics and Materials Management (52.0203)

Licensure/Certification Information:

Hazardous materials transportation certification information is available from the Office of Hazardous Materials Safety - US Department of Transportation. Voluntary certifications are available from the American Society of Transportation and Logistics, Inc. (ASTL) and the National Private Truck Council (NPTC). For additional information, you may visit the following Web sites.

hazmat.dot.gov/hazhome.htm

www.astl.org

www.nptc.org/public/cert.html

Transferable Work Content Skills

Skills used in this occupation that are used in other occupations:

- **Managing and directing people and programs (high level)**
- **Hiring and supervising staff (high level)**
- **Evaluating worker performance (high level)**
- **Coordinating worker activities (high level)**
- **Planning staff work tasks (high level)**
- **Planning and administering budgets (high level)**
- **Preparing project status reports (high level)**

Basic Skills / Basic SCANS Skills

Basic Skills information comes from O*NET. Basic skills provide the foundation for learning other types of material. Many of these skills are related to SCANS Skills. For each skill, the level needed to perform the occupation is shown. Skills important to the occupation are checked.

Important skills

	Important Skills	Skill Level		
		low	medium	high
• Reading comprehension	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Active listening	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Writing	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Speaking	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Mathematics	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Science	<input type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Critical thinking	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Active learning	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Learning strategies	<input type="checkbox"/>	████████████████████	████████████████████	████████████████████
• Monitoring	<input checked="" type="checkbox"/>	████████████████████	████████████████████	████████████████████

General Workplace Skills

Information for General Workplace Skills comes from O*NET (Cross Functional Skills). General Workplace Skills are practiced activities that help workers achieve success in various occupations. The significant skills for this occupation are:

Social Skills

- Coordination ... (medium level)

Adjusting actions in relation to others' actions.

- Negotiation ... (medium level)

Bringing others together and trying to reconcile differences.

Complex Problem Solving Skills

- Problem identification ... (medium level)

Identifying the nature of problems.

- Information gathering ... (medium level)

Knowing how to find information and identify essential information.

- Idea generation ... (medium level)

Generating a number of different approaches to problems.

- Idea evaluation ... (medium level)

Evaluating the likely success of an idea in relation to the demands of the situation.

- Implementation planning ... (medium level)

Developing approaches for implementing an idea.

- Solution appraisal ... (medium level)

Checking the results of a solution to see what needs to be done next.

Systems Skills

- Systems perception ... (medium level)

Determining when important changes have occurred in a system or are likely to occur.

- Identifying downstream consequences ... (medium level)

Determining the long-term outcomes of a change in operations.

- Identification of key causes ... (medium level)

Identifying the things that must be changed to achieve a goal.

- Judgment and decision making ... (medium level)

Weighing the relative costs and benefits of a potential action.

- Systems evaluation ... (medium level)

Checking the accuracy of system performance indicators.

Resource Management Skills

- Time management ... (medium level)

Managing one's own time and the time of others.

- Management of financial resources ... (medium level)

Determining how money will be spent to get the work done, and accounting for these expenditures.

- Management of material resources ... (medium level)

Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.

- Management of personnel resources ... (medium level)

Motivating, developing, and directing people as they work, identifying the best people for the job.

Suggested School Courses

A course plan is available for the Career Pathway listed below:

- [**Business, Information Management, and Marketing**](#)

Work values may be thought of as aspects of work that are satisfying to you. It is important to remember that a specific job with a particular employer may not support the work value to the same degree as for the occupation in general. Work value information is obtained from O*NET.

- **Achievement ... (often characteristic of this occupation)**

Occupations with this work value satisfy the need to use your best abilities, see the results of your work, and get a feeling of accomplishment.

- **Independence ... (often characteristic of this occupation)**

Occupations with this work value satisfy the need to let you make decisions on your own, try out your own ideas, and work with little supervision.

Interests

O*NET uses six categories to describe work environments and interests (compatible with Holland's Model). The following codes reflect the categories which best describe this occupation:

- **Enterprising**

You are a "persuader". You like to sell products and ideas and manage other people. You enjoy having power, prestige, and high status. You have good language skills and you like to use them to control and influence other people.

- **Conventional**

You are an "organizer". You feel comfortable working with details in structured situations and like to keep things neat and organized. You like working with forms, charts, and reports. You are self-controlled and identify strongly with status, authority and power.

Myers-Briggs Types

The MBTI uses four letters to represent how people like to look at things and how they like to go about deciding things. **E** Extraversion or **I** Introversion, **S** Sensing or **N** Intuition, **T** Thinking or **F** Feeling, and **J** Judging or **P** Perceiving. This occupation is part of the career field:

- **Business -- Operations**

in which the type assessment was done. Types commonly found in this field are:

- **INFJ**

Characteristics frequently associated with INFJ (Introversion/Intuition/Feeling/Judging): Seek meaning and connection in ideas, relationships, and material possessions. Want to understand what motivates people and are insightful about others. Conscientious and committed to their firm values.

Develop a clear vision about how best to serve the common good. Organized and decisive in implementing their vision.

• **INTJ**

Characteristics frequently associated with INTJ (Introversion/Intuition/Thinking/Judging): Have original minds and great drive for implementing their ideas and achieving their goals. Quickly see patterns in external events and develop long-range explanatory perspectives. When committed, organize a job and carry it through. Skeptical and independent, have high standards of competence and performance -- for themselves and others.

• **ENFJ**

Characteristics frequently associated with ENFJ (Extraversion/Intuition/Feeling/Judging): Warm, empathetic, responsive, and responsible. Highly attuned to the emotions, needs, and motivations of others. Find potential in everyone, want to help others fulfill their potential. May act as catalysts for individual and group growth. Loyal, responsive to praise and criticism. Sociable, facilitate others in a group, and provide inspiring leadership.

• **ENTJ**

Characteristics frequently associated with ENTJ (Extraversion/Intuition/Thinking/Judging): Frank, decisive, assume leadership readily. Quickly see illogical and inefficient procedures and policies, develop and implement comprehensive systems to solve organizational problems. Enjoy long-term planning and goal setting. Usually well informed, well read, enjoy expanding their knowledge and passing it on to others. Forceful in presenting their ideas.

National Employment and Outlook

Separate employment figures for Transportation Manager are not available. However, this occupation is included in the larger group of "Transportation, storage, and distribution managers."

Annual number of job openings (2000 to 2010): Very small.

Job Openings	very small number	A total of 6,000 average annual job openings is expected for this occupation between 2000 and 2010. (The National average for all occupations is 8,371 openings.)
Outlook	stable	The employment change from 2000 to 2010 is estimated to be +20.2%. (The National average for all occupations is +13.6%.)
Employment	small occupation	This was a small occupation in the United States, employing 149,266 workers in 2000. (The National average for all occupations is 209,487

	workers.)
Self-employment	In 2000, 21.9% of the people in this occupation were self-employed.
OES Occupation	1130710052 Transportation, storage, and distribution managers

Florida Employment and Outlook

Separate employment figures for Transportation Manager are not available. However, this occupation is included in the larger group of "Transportation, Storage, and Distribution Managers."

	2002 to 2010 Outlook	2002 Employment	Average Annual Growth Rate	Average Annual Openings due to Growth	Average Annual Openings due to Separations
Florida Statewide	• Increasing	6,944	2.11%	147	108

Military Career Opportunities

Transportation Managers (Officer)

Opportunities: The services have about 4,000 transportation managers. Each year they need new transportation managers due to changes in personnel and the demands of the field. After job training, transportation managers gain experience on the job. In time, they may advance to senior management or command positions in cargo transportation operations. To inquire about opportunities with the National Guard and Reserves, click on the hyperlink below.

Training Provided: A 4-year college degree is normally required to enter this occupation. Military job training consists of between 8 and 12 weeks of classroom instruction. Training length varies depending on specialty. Course content typically includes:

- Transportation management
- Ways to work with civilian and other military service carriers
- Freight classifications
- Applicable military policies and Federal/local laws
- Handling of special items, such as medicine and explosives

Earnings: Officers in the military can progress through ten officer pay grades during their careers. Pay grade and length of service determine an officer's pay. Most newly commissioned officers begin at pay grade O-1 (\$23,118/year basic pay in 2000). With certain professional qualifications, officers may enter at a higher pay grade. After two years, officers generally move up to O-2 (\$29,077/year basic pay in 2000). After an additional two years, the military generally promotes officers to O-3 (\$40,378/year basic pay in 2000) if job performance and other requirements are met. Cost-of-living increases usually occur once a year. Many officers and their

families live free of charge in military housing on the base where they are assigned. Those living off base receive a housing allowance in addition to their basic pay. Officers also receive a monthly food allowance. These allowances, and associated tax savings, are substantial additions to basic pay. Other employment benefits for military officers include free health care, 30 days paid vacation each year, legal assistance, education assistance, military store privileges, and an excellent retirement program.

Services offering this occupation

- Army
- Air Force
- Coast Guard
- Marines
- Navy

The National Guard and Reserves may have opportunities in this career field as well. Click on the hyperlink below to connect to their web sites for further information.

Military Career Opportunities Web Sites www.bridges.com/mcows/military.htm

Other military websites: <http://www.todaysmilitary.com> or <http://www.careersinthemilitary.com>.

National Earnings

The wage information below is for the occupational group Transportation Storage and Distribution Managers. The occupation Transportation Manager is part of this group.

2001 National average annual earnings for the middle 50% of all workers in this occupation is \$45,000 to \$85,000.

Annual earnings range for middle 50% of all workers in this occupation ... (all information from 2001 OES survey)	\$43,430 to \$75,254
Average annual earnings	\$61,330
Average hourly earnings	\$29.48

Florida Earnings

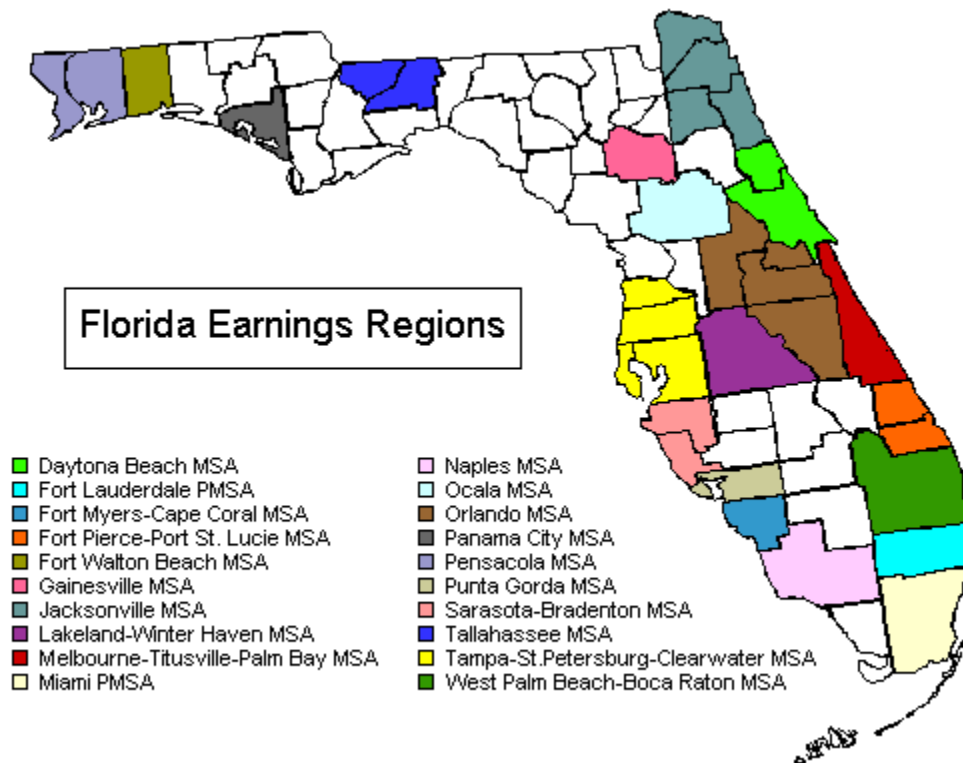
The earnings information below is for the occupational group Transportation, Storage, and Distribution Managers. The occupation Transportation Manager is part of this group.

(2003) Statewide average annual earnings	\$66,414
(2003) Statewide average hourly earnings	\$31.93
(2003) Statewide entry level annual earnings	\$39,749
(2003) Statewide entry level hourly earnings	\$19.11

(2003) Statewide experienced level annual earnings	\$83,075
(2003) Statewide experienced level hourly earnings	\$39.94

Major Florida Cities Pay By Year	2003 Average Annual Earnings	2003 Entry Level Annual Earnings	2003 Experienced Level Annual Earnings
Daytona Beach MSA	\$57,013	\$34,133	\$73,944
Fort Lauderdale PMSA	\$73,590	\$42,286	\$91,312
Fort Myers - Cape Coral MSA	\$57,304	\$33,779	\$71,198
Fort Pierce - Port St. Lucie MSA	\$55,827	\$36,754	\$70,013
Fort Walton Beach MSA	\$53,560	\$34,778	\$64,501
Gainesville MSA	\$67,579	\$40,893	\$88,234
Jacksonville MSA	\$63,565	\$39,478	\$77,314
Lakeland - Winter Haven MSA	\$60,278	\$37,294	\$75,754
Melbourne - Titusville - Palm Bay MSA	\$61,402	\$42,494	\$75,275
Miami PMSA	\$66,186	\$40,498	\$81,661
Naples MSA	\$66,643	\$43,243	\$78,541
Ocala MSA	\$72,405	\$40,414	\$92,602
Orlando MSA	\$66,622	\$41,434	\$86,029
Panama City MSA	\$63,586	\$37,710	\$81,661
Pensacola MSA	\$63,419	\$33,717	\$79,685
Punta Gorda MSA	\$72,904	\$48,693	\$90,376
Sarasota - Bradenton MSA	\$64,438	\$39,749	\$82,597
Tallahassee MSA	\$75,629	\$42,515	\$99,050
Tampa - St. Petersburg - Clearwater MSA	\$70,470	\$43,971	\$87,818
West Palm Beach - Boca Raton MSA	\$68,453	\$40,539	\$85,800

Major Florida Cities Pay By Hour	2003 Average Hourly Earnings	2003 Entry Level Hourly Earnings	2003 Experienced Level Hourly Earnings
Daytona Beach MSA	\$27.41	\$16.41	\$35.55
Fort Lauderdale PMSA	\$35.38	\$20.33	\$43.90
Fort Myers - Cape Coral MSA	\$27.55	\$16.24	\$34.23
Fort Pierce - Port St. Lucie MSA	\$26.84	\$17.67	\$33.66
Fort Walton Beach MSA	\$25.75	\$16.72	\$31.01
Gainesville MSA	\$32.49	\$19.66	\$42.42
Jacksonville MSA	\$30.56	\$18.98	\$37.17
Lakeland - Winter Haven MSA	\$28.98	\$17.93	\$36.42
Melbourne - Titusville - Palm Bay MSA	\$29.52	\$20.43	\$36.19
Miami PMSA	\$31.82	\$19.47	\$39.26
Naples MSA	\$32.04	\$20.79	\$37.76
Ocala MSA	\$34.81	\$19.43	\$44.52
Orlando MSA	\$32.03	\$19.92	\$41.36
Panama City MSA	\$30.57	\$18.13	\$39.26
Pensacola MSA	\$30.49	\$16.21	\$38.31
Punta Gorda MSA	\$35.05	\$23.41	\$43.45
Sarasota - Bradenton MSA	\$30.98	\$19.11	\$39.71
Tallahassee MSA	\$36.36	\$20.44	\$47.62
Tampa - St. Petersburg - Clearwater MSA	\$33.88	\$21.14	\$42.22
West Palm Beach - Boca Raton MSA	\$32.91	\$19.49	\$41.25



Physical Demands

Physical Demands reflect the overall strength generally needed to work in this occupation.

- **Sedentary (up to 10 lbs)**

You would sit most of the time. Some walking and standing may be required. You may have to lift and carry things like books, papers or tools weighing 10 lbs. or less.

Physical Abilities

Physical Abilities information comes from O*NET. Only those factors that are a significant part of the occupation are listed.

- **Speech clarity ... (medium level)**

Speaking clearly enough to be able to be understood by others.

Work Conditions

Work conditions are taken from O*NET and refer to characteristics of the physical environment for an occupation. The following factors are frequently found in the work setting for this occupation:

- **No uncomfortable, potentially hazardous, or unusual work conditions**

Work Hours and Travel

- Regular working hours and limited travel

The work is primarily done within a regular work day and work week, with little overnight travel.

The following information is a list of Florida and other US Post-Secondary Schools that offer Air Traffic Controller educational programs.

Click a school to see its report.

[Broward Community College - Ft. Lauderdale \(2YR\) Ft. Lauderdale, FL](#)
[Chattanooga State Technical Community College \(2YR\) Chattanooga, TN](#)
[Clayton College & State University \(4YR\) Morrow, GA](#)
[Embry Riddle Aeronautical University \(4YR\) Daytona Beach, FL](#)
[Everglades College \(2YR\) Fort Lauderdale, FL](#)
[Florida Community College - Downtown \(2YR\) Jacksonville, FL](#)
[Florida Memorial College \(4YR\) Miami, FL](#)
[Guilford Technical Community College \(2YR\) Jamestown, NC](#)
[Jacksonville University \(4YR\) Jacksonville, FL](#)
[Lenoir Community College \(2YR\) Kinston, NC](#)
[Louisiana Tech University \(4YR\) Ruston, LA](#)
[Lynn University \(4YR\) Boca Raton, FL](#)
[Miami-Dade College - Wolfson Campus \(2YR\) Miami, FL](#)
[Northern Kentucky University \(4YR\) Highland Heights, KY](#)
[Palm Beach Community College - Central Campus \(2YR\) Lake Worth, FL](#)
[Southern Illinois University Carbondale \(2YR\) NAS Jacksonville, FL](#)
[St. Petersburg Junior College \(2YR\) St. Petersburg, FL](#)
[Webster University, Merritt Island \(4YR\) Merritt Island, FL](#)