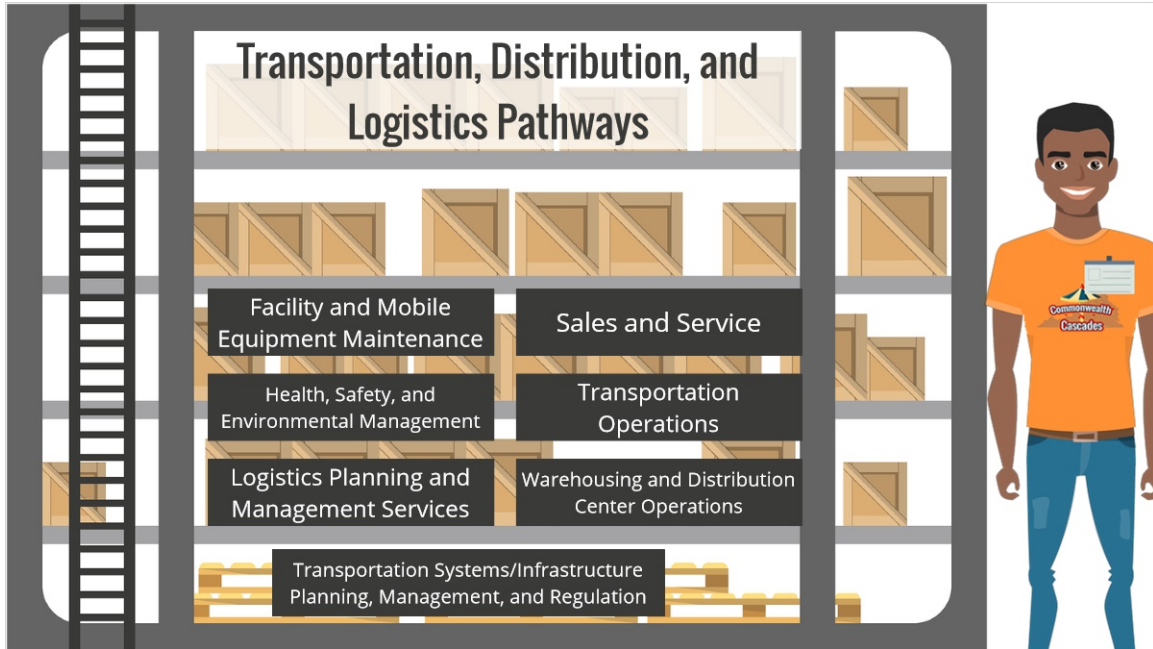


Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Menu



Within the Transportation, Distribution, and Logistics Career Cluster, there are seven pathways: Facility and Mobile Equipment Maintenance; Health, Safety, and Environmental Management; Logistics Planning and Management Services; Sales and Service; Transportation Operations; Warehousing and Distribution Center Operations; and Transportation Systems/Infrastructure Planning, Management, and Regulation. Click on each of the buttons to learn more about these pathways. Make sure to visit each one.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Facility and Mobile Equipment Description



The illustration shows a warehouse interior. On the left, a black ladder is attached to a grey metal frame. In the center, a large white panel displays the title 'Facility and Mobile Equipment Maintenance Pathway' and a 'Job Description' section with two bullet points. To the right, there are several wooden crates stacked on shelves. In the foreground, there are several yellow wooden pallets. On the far right, a cartoon illustration of a man with dark skin, wearing an orange t-shirt with a logo and blue jeans, stands with his hands at his sides.

Facility and Mobile Equipment Maintenance Pathway

Job Description

- ✓ Maintain, repair, and service vehicles and transportation facilities, as well as refuel mobile equipment
- ✓ Keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so

Professionals in the Facility and Mobile Equipment Maintenance Pathway maintain, repair, and service vehicles and transportation facilities, as well as refuel mobile equipment. Professionals in this pathway keep the equipment and machinery running while looking for more efficient, safe, and cost-effective ways to do so.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Facility and Mobile Equipment Sample Careers

Facility and Mobile Equipment Maintenance Pathway

Sample Careers

- Aircraft Mechanic and Service Technician
- Aircraft Structure, Surfaces, Rigging, and Systems Assembler
- Automotive Body and Related Repairer
- Automotive Glass Installer and Repairer
- Automotive Service Technician, Mechanic
- Diesel Service Technician
- Electrical and Electronic Installer
- Electrical and Electronic Repairer
- Marine Watercraft Repair and Maintenance Worker
- Motorboat Mechanic
- Service Technician
- Small Engine Mechanic

Sample careers in the Facility and Mobile Equipment Maintenance Pathway include Aircraft Mechanic and Service Technician, Aircraft Structure, Surfaces, Rigging, and Systems Assembler, Automotive Body and Related Repairer, Automotive Glass Installer and Repairer, Automotive Service Technician, Mechanic, Diesel Service Technician, Electrical and Electronic Installer, Electrical and Electronic Repairer, Marine Watercraft Repair and Maintenance Worker, Motorboat Mechanic, Service Technician, and Small Engine Mechanic.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Facility and Mobile Equipment Education and Salaries

Facility and Mobile Equipment Maintenance Pathway

Education and Salaries

Automotive Service Technician	Aircraft Mechanic and Service Technician
Associate Degree	Associate Degree
On-the-Job Training	On-the-Job Training
Technical Training	Average Salary \$66,770
Average Salary \$45,100	

[Return to Pathways Menu](#)

Most careers in the Facility and Mobile Equipment Maintenance Pathway require at least an Associate Degree. Automotive Service Technicians require an Associate's Degree, as well as on-the-job training and technical training. They have an average salary of \$45,100. Aircraft Mechanic and Service Technicians also require an Associate's Degree and on-the-job training, and have an average salary of \$66,770.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Health, Safety, and Environmental Management Description



The illustration shows a warehouse interior. On the left, a black ladder is attached to a grey frame. In the center, a large white panel displays the title 'Health, Safety, and Environmental Management Pathway' and a 'Job Description' section with two bullet points. To the right, there are several wooden crates stacked on shelves. In the foreground, there are several yellow pallets. On the far right, a cartoon illustration of a man with dark skin, wearing an orange t-shirt with a 'Commonwealth of Cascades' logo and blue jeans, stands with his hands at his sides.

Health, Safety, and Environmental Management Pathway

Job Description

- ✓ Assess and manage risks associated with safety and environmental issues
- ✓ Research, plan, and carry out activities to make our environment safer and cleaner

Professionals in the Health, Safety, and Environmental Management Pathway assess and manage risks associated with safety and environmental issues. The people employed in this pathway research, plan, and carry out activities to make our environment safer and cleaner.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Health, Safety, and Environmental Management Sample Careers



Sample careers in the Health, Safety, and Environmental Management Pathway include Health Manager, Safety Manager, and Environmental Manager.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Health, Safety, and Environmental Management Education and Salaries

The infographic is styled as a warehouse display. It features a central white panel with a dark border, flanked by shelves with boxes and a ladder on the left. A man in an orange shirt stands to the right. The central panel contains the following text:

Health, Safety, and Environmental Management Pathway

Education and Salaries

<u>Environmental Manager</u>	<u>Health Manager</u>
Bachelor's Degree	Bachelor's Degree
Master's Degree	Master's Degree
Average Salary \$49,570	Average Salary \$67,910

Return to Pathways Menu

Most careers in the Health, Safety, and Environmental Management Pathway require advanced levels of education. Environmental Managers require a Bachelor's Degree, and possibly a Master's Degree. They have an average salary of \$49,570. Health Managers also require a Bachelor's Degree, and possibly a Master's Degree. They have an average salary of \$67,910.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Logistics Planning and Management Services Description

Logistics Planning and Management Services Pathway

Job Description

- ✓ Plan, manage, and control the physical distribution of materials, products, and people
- ✓ Responsible for the plans which will ensure that cargo arrives at the right location, on time, and in the safest, most economical manner

Professionals in the Logistics Planning and Management Services Pathway plan, manage, and control the physical distribution of materials, products, and people. They are also responsible for the plans which will ensure that cargo arrives at the right location, on time, and in the safest, most economical manner.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Logistics Planning and Management Services Sample Careers



Sample careers in the Logistics Planning and Management Services Pathway include Logistics Analyst, Logistics Engineer, and Logistics Manager.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Logistics Planning and Management Services Education and Salaries

The infographic is set within a warehouse-themed frame. On the left is a vertical ladder. On the right is a man in an orange t-shirt with a 'Commonwealth of Cascades' logo and blue jeans. The central white panel contains the following text:

Logistics Planning and Management Services Pathway

Education and Salaries

Logistics Analyst	Logistics Manager
Bachelor's Degree	Bachelor's Degree
Average Salary \$71,300	Average Salary \$59,610

At the bottom of the central panel is a button with a left-pointing arrow and the text "Return to Pathways Menu".

Most careers in the Logistics Planning and Management Services Pathway require higher education. Logistics Analysts require a Bachelor's Degree, and they have an average salary of \$71,300. Logistics Managers also require a Bachelor's Degree, and have an average salary of \$59,610.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Sales and Service Description



The illustration shows a warehouse interior. On the left, there is a black ladder leaning against a wall. In the center, a large white sign is mounted on a wall. The sign has the title 'Sales and Service Pathway' at the top, followed by the heading 'Job Description'. Below the heading, there are two bullet points with checkmarks. To the right of the sign, there are several wooden crates stacked on shelves. At the bottom of the sign, there are several yellow pallets. To the right of the sign, a person with dark skin, wearing an orange t-shirt and blue jeans, stands smiling. The t-shirt has a logo that says 'Commonwealth of Cascades'.

Sales and Service Pathway

Job Description

- ✓ Market and sell transportation services to new customers as well as the management of existing customer relationships and customer service
- ✓ Move passengers and freight to meet customer needs

Professionals in the Sales and Service Pathway market and sell transportation services to new customers as well as the management of existing customer relationships and customer service. Transportation businesses move passengers and freight to meet customer needs.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Sales and Service Sample Careers



Sample careers in the Sales and Service Pathway include Billing Clerk, Customer Service Representative, Dispatcher, Office Manager, Parts Salesperson, and Statement Clerk.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Sales and Service Education and Salaries

Sales and Service Pathway

Education and Salaries

Billing Clerk	Parts Salesperson
Associate Degree	On-the-Job Training
On-the-Job Training	Average Salary \$31,190
Average Salary \$39,120	

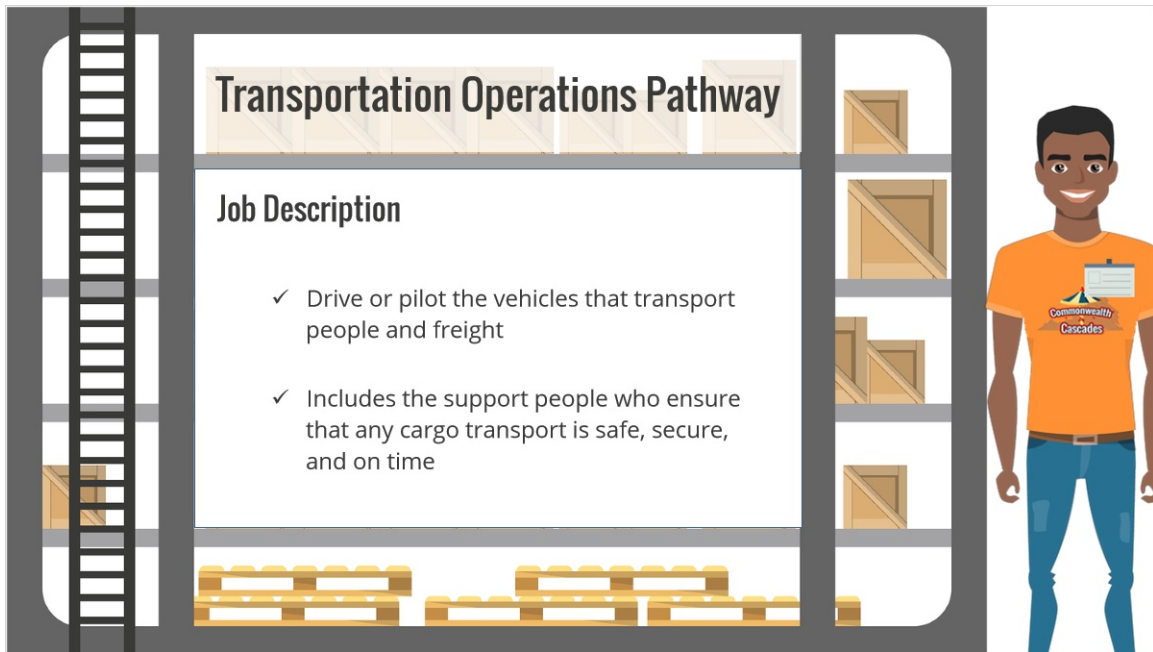
[Return to Pathways Menu](#)

There are a variety of education requirements and salaries in the Sales and Service Pathway. Billing Clerks require an Associate's Degree and on-the-job training. They have an average salary of \$39,120. A Parts Salesperson requires on-the-job training and have an average salary of \$31,190.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Operations Description



Transportation Operations Pathway

Job Description

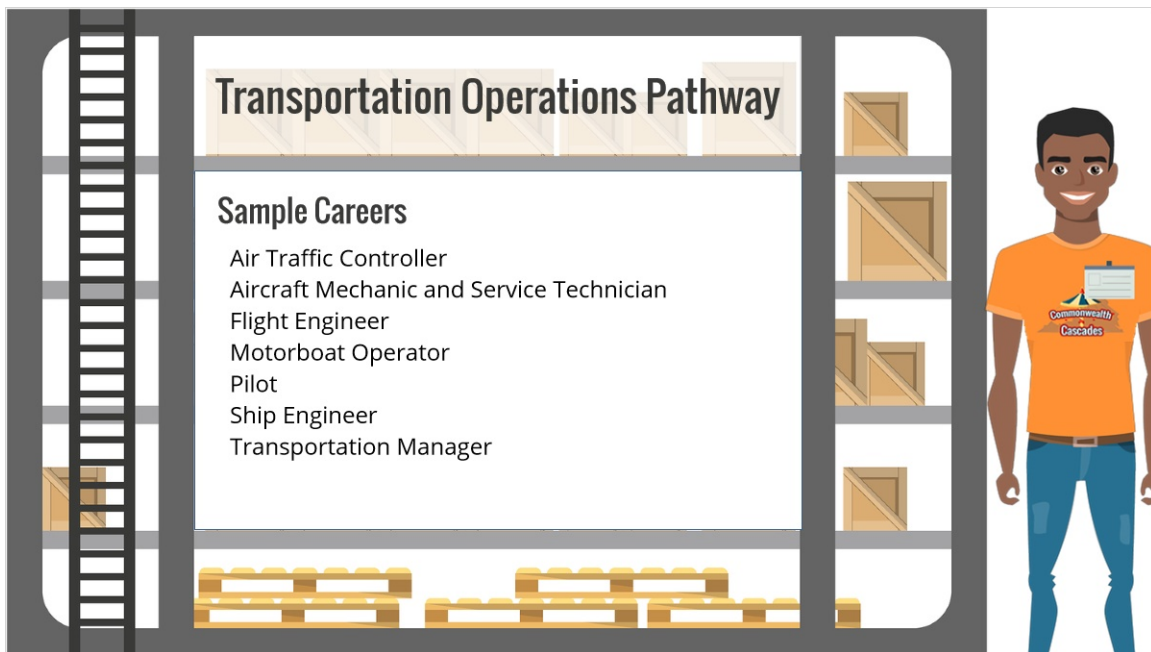
- ✓ Drive or pilot the vehicles that transport people and freight
- ✓ Includes the support people who ensure that any cargo transport is safe, secure, and on time

Professionals in the Transportation Operations Pathway drive or pilot the vehicles that transport people and freight. In addition, this pathway includes the support people who ensure that any cargo transport is safe, secure, and on time.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Operations Sample Careers



Sample careers in the Transportation Operations Pathway include Air Traffic Controller, Aircraft Mechanic and Service Technician, Flight Engineer, Motorboat Operator, Pilot, Ship Engineer, and Transportation Manager.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Operations Education and Salaries

Transportation Operations Pathway	
Education and Salaries	
Air Traffic Controller	Motorboat Operator
Associate Degree	On-the-Job Training
On-the-Job Training	Technical Training
Average Salary \$140,630	Average Salary \$35,770

[Return to Pathways Menu](#)

There are a variety of education requirements and salaries in the Sales and Service Pathway. Air Traffic Controllers require an Associate's Degree and on-the-job training. They have an average salary of \$140,630. Motorboat Operators require on-the-job training and technical training and have an average salary of \$35,770.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Warehousing and Distribution Center Operations Description

Warehousing and Distribution Center Operations Pathway

Job Description

- ✓ Focus on the operation of transportation and distribution facilities including ports, terminals, warehouses, and other types of facilities
- ✓ Track, sort, label, and load cargo accurately and safely

The infographic is set against a background of a warehouse. On the left, a black ladder is positioned against a grey wall. On the right, a man in an orange t-shirt and blue jeans stands with a clipboard. The t-shirt has a logo that says 'Commonwealth of Cascades'. The background shows wooden crates on shelves and yellow pallets on the floor.

Professionals in the Warehousing and Distribution Center Operations Pathway focus on the operation of transportation and distribution facilities including ports, terminals, warehouses, and other types of facilities. They track, sort, label, and load cargo accurately and safely.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Warehousing and Distribution Center Operations Sample Careers



Sample careers in the Warehousing and Distribution Center Operations Pathway include Traffic Engineer and Transportation Manager.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Warehousing and Distribution Center Operations Education and Salaries

Warehousing and Distribution Center Operations Pathway

Education and Salaries

<u>Traffic Engineer</u>	<u>Transportation Manager</u>
On-the-Job Training Technical Training Average Salary \$70,198	Associate Degree On-the-Job Training Average Salary \$108,010

[Return to Pathways Menu](#)

The infographic is set within a warehouse-themed frame with a ladder on the left, shelves with boxes on the right, and a person in an orange shirt and blue pants standing on the right. The person's shirt has a logo for the Commonwealth of Cascades.

There are a variety of education requirements and salaries in the Warehousing and Distribution Center Operations Pathway. Traffic Engineers require on-the-job training and technical training. They have an average salary of \$70,198. Transportation Managers require an Associate's Degree and on-the-job training, and have an average salary of \$108,010.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Systems/Infrastructure Planning, Management, and Regulation Description

Transportation Systems/Infrastructure Planning, Management, and Regulation Pathway

Job Description

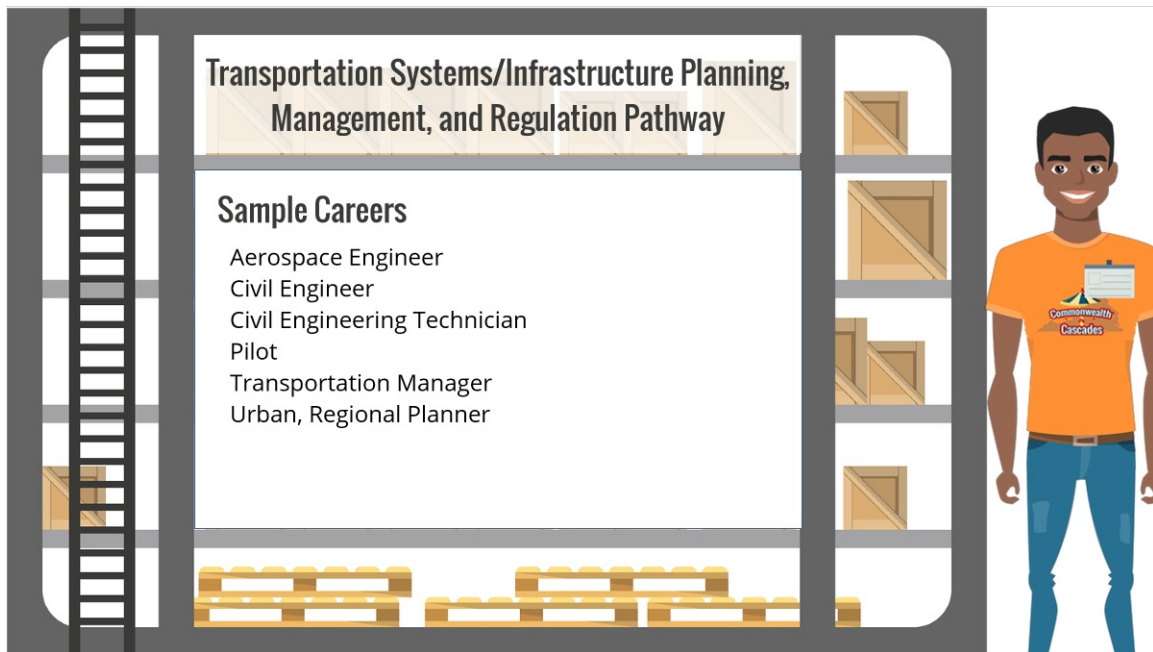
- ✓ Deal with all aspects of the design and operation of our public transportation systems – road, air, sea, and rail
- ✓ Primarily the responsibility of people who are employed by federal, state, and local transportation agencies

Professionals in the Transportation Systems/Infrastructure Planning, Management, and Regulation Pathway deal with all aspects of the design and operation of our public transportation systems - road, air, sea, and rail. These functions are primarily the responsibility of people who are employed by federal, state, and local transportation agencies.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Systems/Infrastructure Planning, Management, and Regulation Sample Careers



Sample careers in the Transportation Systems/Infrastructure Planning, Management, and Regulation Pathway include Aerospace Engineer, Civil Engineer, Civil Engineering Technician, Pilot, Traffic Engineer, Traffic Technician, Transportation Manager, and Urban or Regional Planner.

Middle School Career Investigations

Transportation, Distribution, and Logistics Pathways

Transportation Systems/Infrastructure Planning, Management, and Regulation Education and Salaries

Transportation Systems/Infrastructure Planning, Management, and Regulation Pathway	
Education and Salaries	
<u>Civil Engineer</u>	<u>Urban Planner</u>
Bachelor's Degree	Master's Degree
Average Salary \$91,990	Average Salary \$73,390

[Return to Pathways Menu](#)

There are a variety of education requirements and salaries in the Transportation Systems/Infrastructure Planning, Management, and Regulation Pathway. Civil Engineers require a Bachelor's Degree. They have an average salary of \$91,990. Urban Planners require a Master's Degree, and have an average salary of \$73,390.