

# Exploring Supply Chain in Wisconsin

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# Learning Objectives

- ▶ Define Supply Chain Management
- ▶ Explore the current and future supply chain jobs.
- ▶ Supply Chain within the Wisconsin Technical College Systems (WTCS).
- ▶ 4 Year Credit Transfer
- ▶ Learn how to create supply chain awareness in the classroom.

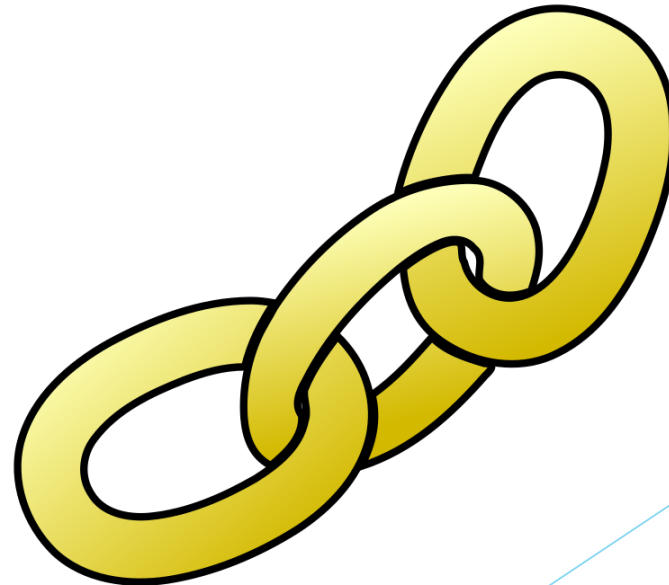
# Kerrie's Supply Chain



# What is Supply Chain Management?

You Tube (7 minutes)

<https://youtu.be/z7utq7Kk-Pg>



# Review Activity



# 16 Career Clusters

Supply Chain Management is within the following:

- ▶ Business Management and Administration
- ▶ Manufacturing
- ▶ Transportation, Distribution and Logistics
- ▶ STEM

Wisconsin Department of Public Instruction

<https://dpi.wi.gov/cte/career-development/career-clusters>

Academic and Career Planning (ACP)

<https://dpi.wi.gov/acp>

# Current Supply Chain jobs

- ▶ Buyer
- ▶ Production Scheduler
- ▶ Dispatcher
- ▶ Shipping Clerk
- ▶ Transportation Planner
- ▶ Inventory Analyst
- ▶ Logistics Technician
- ▶ Continuous Improvement
- ▶ Cycle Counter

# Supply Chain Jobs of the Future

- ▶ Commercial Troubleshooter
- ▶ Customization Master
- ▶ Customer Satisfaction Director
- ▶ Supply Chain Analyst
- ▶ Space Coordinator
- ▶ Drone Operator
- ▶ Driverless Expert
- ▶ Robot Expert
- ▶ 3D Printing Expert



# Amazon Robots

- ▶ <https://youtu.be/wC4vITSVXoA>
  - ▶ 1:53 minutes

# Zappos - Warehouse

- ▶ [https://youtu.be/\\_iSwFVMtn-g](https://youtu.be/_iSwFVMtn-g)
  - ▶ 2:16 minutes

# Future of Supply Chain Management in Wisconsin

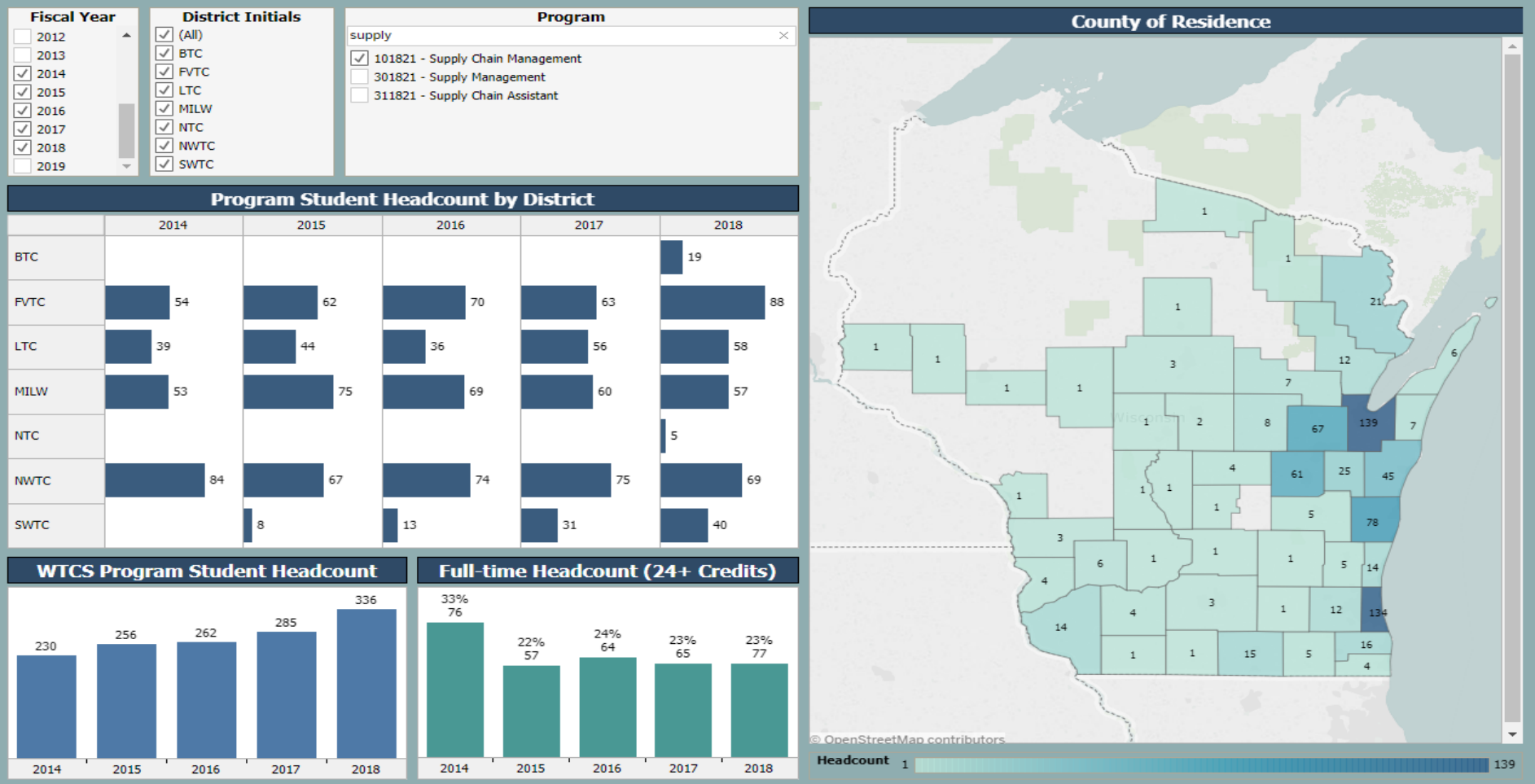
## Foxconn

- ▶ Initial employment of 3,000 increasing to up to 13,000.
- ▶ At full operations, Noah Williams from UW Madison estimates 32,000 - 39,000 total direct and indirect jobs including Fox Conn's supply chain and other induced activity.
- ▶ In 2019 the future of Foxconn is unknown.
- ▶ Wisconsin Supply Chain Marketplace
  - ▶ <http://www.wisupplychainmarketplace.com/>

# Wisconsin Technical College System (WTCS) Supply Chain Programs

- ▶ Fox Valley Technical College (largest program at 88 students)
- ▶ Blackhawk Technical College
- ▶ Lakeshore Technical College
- ▶ Milwaukee Technical College
- ▶ Northcentral Technical College
- ▶ Northeast Wisconsin Technical College
- ▶ Southwest Technical College

# County of Residence



Increase in out of state students

# Program Graduation



# Program Graduation Job Placement



# 4 Year College Transfer Opportunity

Concordia University

Lakeland University

UW- Green Bay

UW-Oshkosh

UW - Stout

Bellevue University

Franklin University



# Creating Awareness is K12

“Business of Cooties” Game



# Order Form

Customer	Order #	Quantity	Description	Delivery Method
We Rock, Inc	45678	3	1 Red with roller blades 1 Blue with tennis shoes 1 Green with bare feet	Deliver to the customer personally using delivery method of choice

# Business of Cooties Evaluations

	Lead Time Days	Cost \$	Others	Time
Manufacture 1				
Manufacture 2				
Manufacture 3				

# Business Decision

- ▶ Which manufacture will the customer go with after reviewing the data and why?

# Supply Chain Resources

- ▶ NEW Manufacturing Alliance

- ▶ <http://newmfgalliance.org/>

- ▶ NEW North

- ▶ <http://www.thenewnorth.com/>

- ▶ Supply Chain Marketplace

- ▶ Junior Achievement (JA)

- ▶ <https://www.juniorachievement.org/web/ja-wisconsin>

The amazing world of Supply Chain Management is all around you and the careers are endless.



# Wisconsin Tech Connect

- ▶ 2017 WTCS
  - ▶ 454 full and part time jobs
- ▶ 2018 WTCS
  - ▶ 465 full and part time jobs
- ▶ 2019 WTCS
  - ▶ 52 full and part time jobs since 02/14/2019

## February 2019 - Supply Chain

Wisconsin Job Center - 441 jobs

Monster.com - Wisconsin - 14,879 jobs