

A composite image of a busy port and supply chain facility at sunset. On the left, a large cargo ship is docked at a pier. In the center, a train of colorful shipping containers is visible. On the right, a blue forklift is operating in a yard filled with stacks of containers. In the background, a large warehouse and an airplane in flight are visible against a dramatic, orange-hued sky.

Why, What and How?

Maritime, Manufacturing and Supply Chain Logistics



Why
choose
these
career
fields?



WHY MARITIME?

- Average \$67,000
- Aging Workforce
- Many types of jobs
- Adventure
- Work Outside
- Work with your hands
- Technology Driven
- Green



WHY MANUFACTURING?

- Average \$87,818
- Aging Workforce
- Many types of jobs
- Working with your hands
- Technology and mechanically driven





MARITIME



MARITIME - PNW

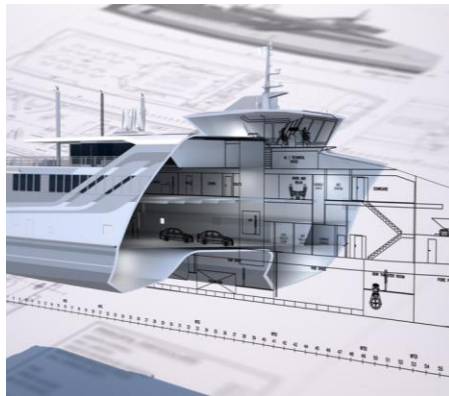
- Passenger Water Transportation
 - Support Services
 - Logistics and Shipping
 - Fishing and Seafood
- Boat & Ship Building and Repair
 - Recreational Boating
 - Emerging Technologies



Passenger Water Transportation



Marine Support Services





Maritime Logistics and Shipping

Fishing and Seafood Processing

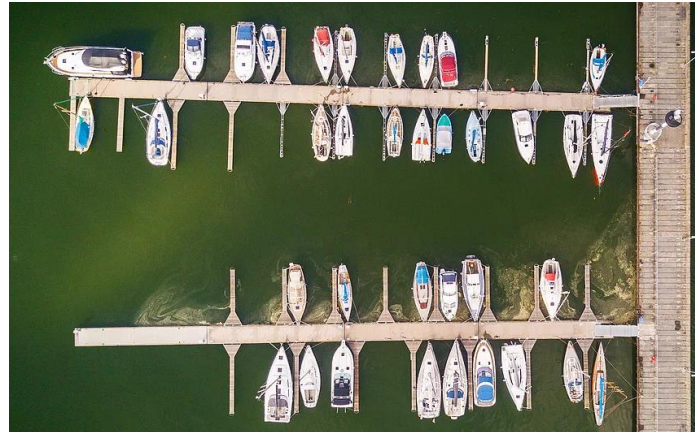




SHIP BUILDING AND REPAIR



Recreational Boating





Emerging Technologies

MANUFACTURING



PURE MICHIGAN
Talent Connect



MANUFACTURING
– VARIETY &
DIVERSITY



Who Shines in
Manufacturing?

Career tracks. Why prepare for careers in manufacturing?



Assembler and fabricators	\$25,550	\$51,040
Business operations specialist	\$46,470	\$130,400
Buyer/purchasing agent	\$45,750	\$117,830
Electrical assembler	\$27,140	\$60,790
Food batchmaker	\$23,840	\$44,260
General and operations manager	\$66,010	\$208,000
Industrial engineer	\$66,830	\$158,820
Inspector, tester, sorter	\$32,890	\$96,920
Laborer, mover	\$24,790	\$59,820
Machine operator	\$24,080	\$47,540
Machinery mechanic	\$34,680	\$91,270
Machinist	\$32,110	\$75,720
Maintenance/repair worker	\$30,920	\$70,840
Mechanical engineer	\$55,190	\$144,510
Production supervisors	\$41,140	\$119,670
Production worker	\$24,780	\$47,250
Production/planning clerk	\$34,550	\$78,470
Sales representative	\$33,440	\$118,630
Shipping/receiving clerk	\$27,070	\$58,960
Welder	\$32,580	\$68,600

Research more occupations

Source: Washington Employment Security Department, U.S. Bureau of Economic Analysis and the U.S. Census Bureau

- Manufacturers help drive Washington's economy, producing \$58 billion in goods annually, representing 12% of the state's gross product.
- 282,000 people worked in manufacturing in Washington in 2017 earning \$5.1 billion in wages.
- The average annual wage in manufacturing is \$57,818, which is 20 percent higher than the state's average annual wage.
- By the year 2025, some 2 million jobs within the industry will go unfilled.

WorkSource

Proud partner of the American Job Center network

WorkSource is an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. Washington Relay Service: 711

ENTRY LEVEL



ASSEMBLER



WELDER HELPER

MID LEVEL



MACHINE OPERATOR



WELDER

UPPER MID-LEVEL



MACHINIST



MAINTENANCE MECHANIC



ENGINEERING TECHNICIAN

UPPER LEVEL



ENGINEER

SUPPLY CHAIN LOGISTICS







Jobs

A young woman with light-colored hair and glasses perched on her head is smiling and looking towards the right. She is wearing a green t-shirt and a black lanyard. The background is blurred, showing what appears to be a public space with other people and lights.

100+ Youth Surveyed

Top answers will be on the board

0

**SPORTS/WORK
OUT**

47

MUSIC

12

GAMES

14

READING

7

PAINT/DRAW

14

0

WATCHING

13

0

SHOW QUESTION

TIMER: 10

X

XX

XXX

0

DESIGNING

18

ENTREPRENEUR

8

DOCTOR

12

TEACHER

6

ENGINEER

12

NURSE

6

PSYCH/SOCAL
WORK

10

SHOW QUESTION

TIMER: 10

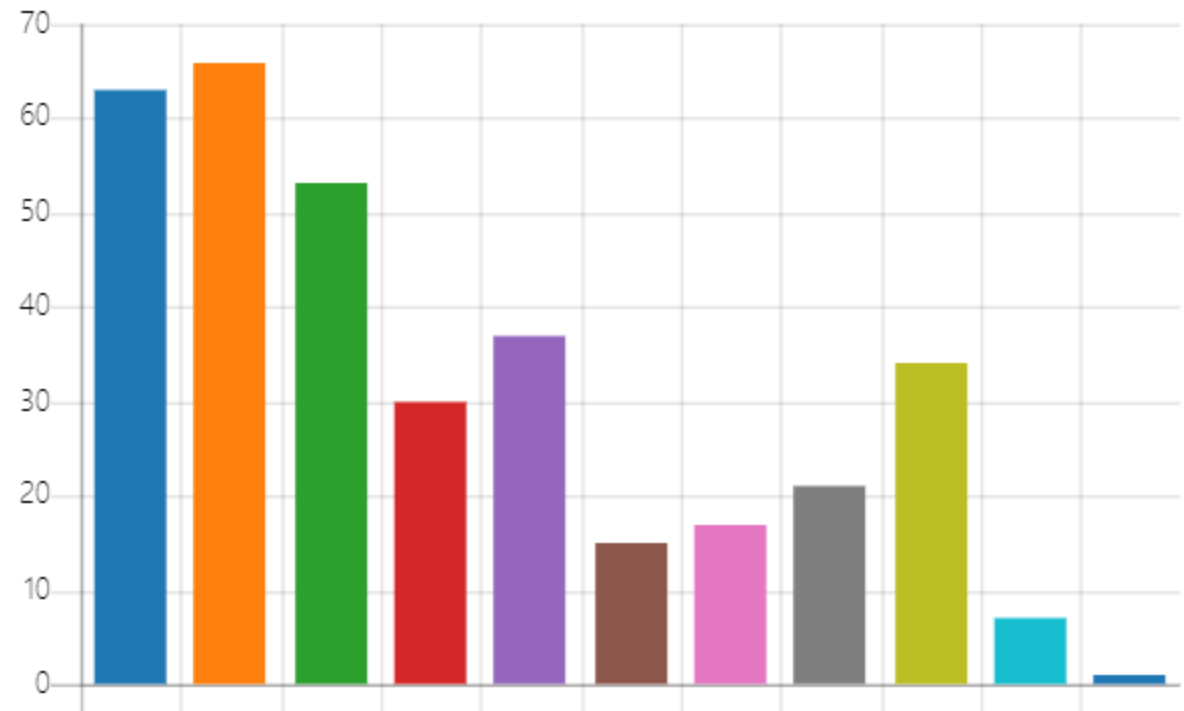
X

XX

XXX

What activities do you like?

● Making things	63
● Designing things	66
● Building things	53
● Taking things apart to see ho...	30
● Putting things back together ...	37
● Wood working	15
● Metal working	17
● Inventing	21
● I might, if I had someone to te...	34
● All of the above	7
● None of the above	1



Have a job?

More Details



Advantages to Trade School /Cert Program / 2-Year College

More Details

● Yes	69
● No	19
● Maybe	29



0

EXPERIENCE
/SKILLS

22

OPEN
OPPORTUNITIES

7

FASTER

13

JUMPSTART TO
4 YEAR

11

CHEAPER

10

SHOW QUESTION

TIMER: 10

X

XX

XXX

Any advantages to earning a 4-year university bachelor's degree?

More Details

● Yes	90
● No	11
● Maybe	16



0

MORE OPPORUNTITIES **23**

KNOWLEDGE & SKILLS **9**

HIGHER PAY **22**

GET JOB EASIER **12**

BETTER JOB **10**



SHOW QUESTION

TIMER: 10

X

XX

XXX

What first comes to mind when you read the word “Maritime?”

- Water
- Sea
- No Idea
- Boats and boating
- Marine
- Ocean
- Shipping
- Ships at Sea

What does manufacturing mean to you?

- Making things/products
- Building things or machines
- Creating stuff/products with large machines
- Producing
- Fixing / renovating
- Inventing

What do you think of when you see the phrase “supply chain logistics?”

- I don't know
- How you get supplies
- Strategies to move products
- Movement of goods and services
- How to get or make chains
- Linking together

Have you ever considered a career in MML?

More Details



What jobs/careers have you considered in MML?

- Aerospace Engineering
- Automotive Engineering
- Machines
- Architect
- Manufacturing
- Construction
- Doctor on Boats
- Ocean / Marine Engineering
- Entrepreneur
- Marine Biology
- Management
- Marines / Navy / Military
- Marine Maintenance
- Mechanical Design

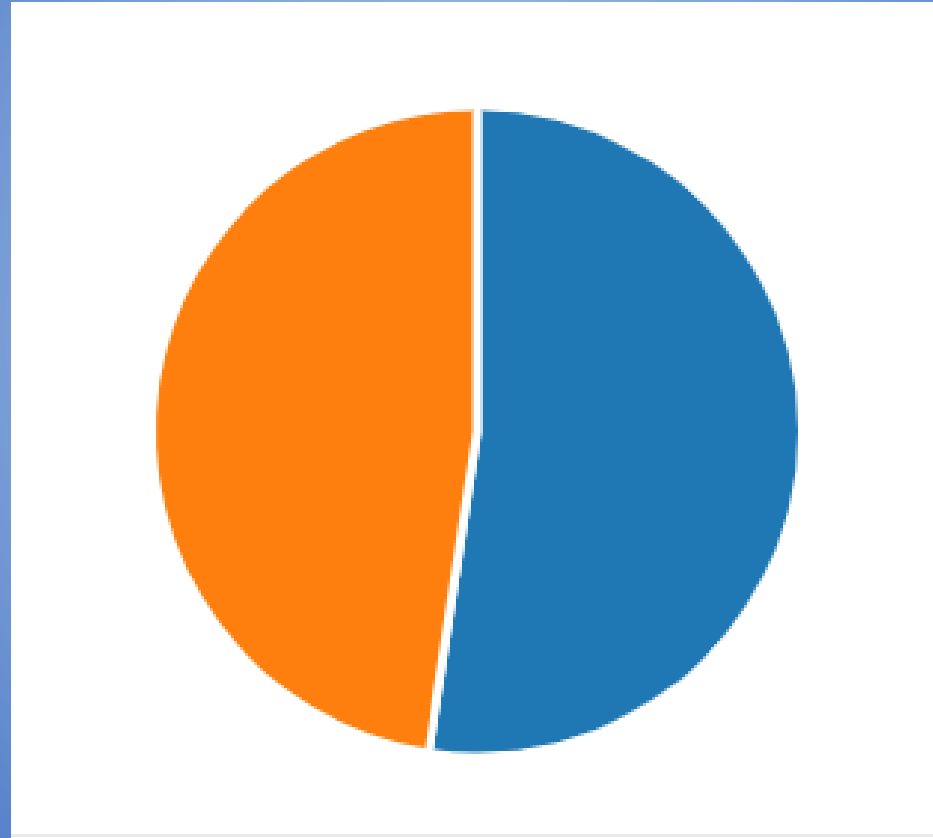
Race is a Barrier –
Education or
Economics?



Race is a Barrier
in a career in
MML?






Gender a Barrier in MML Careers?



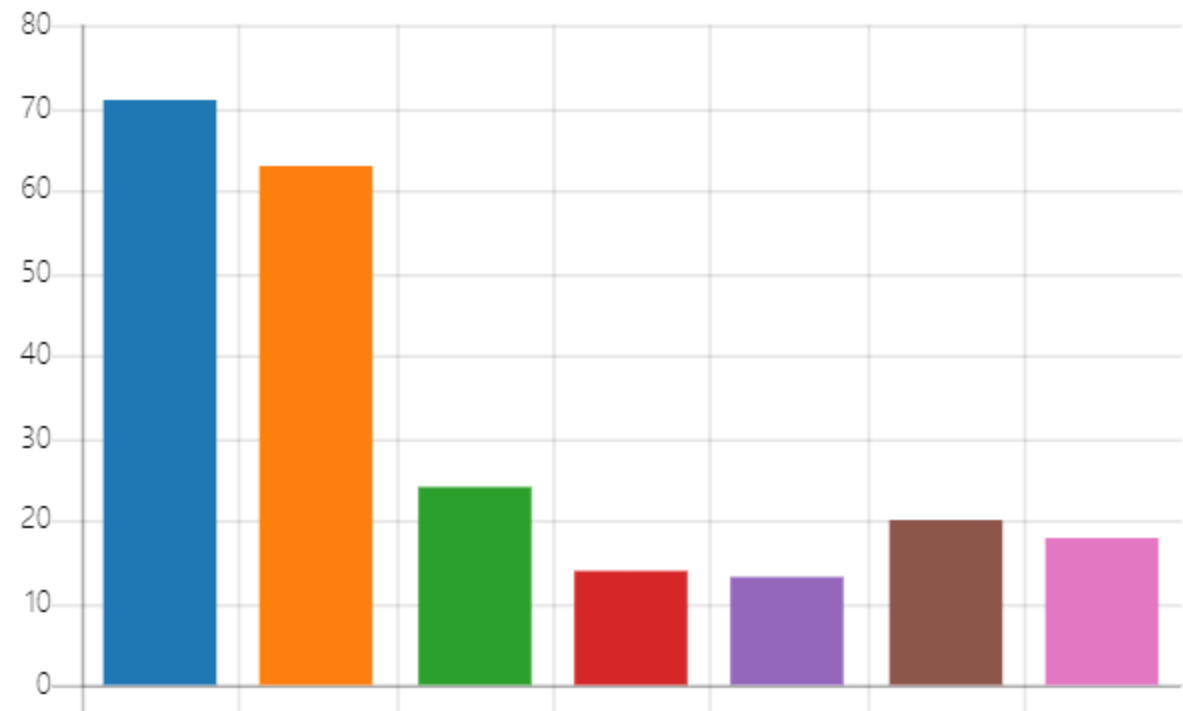
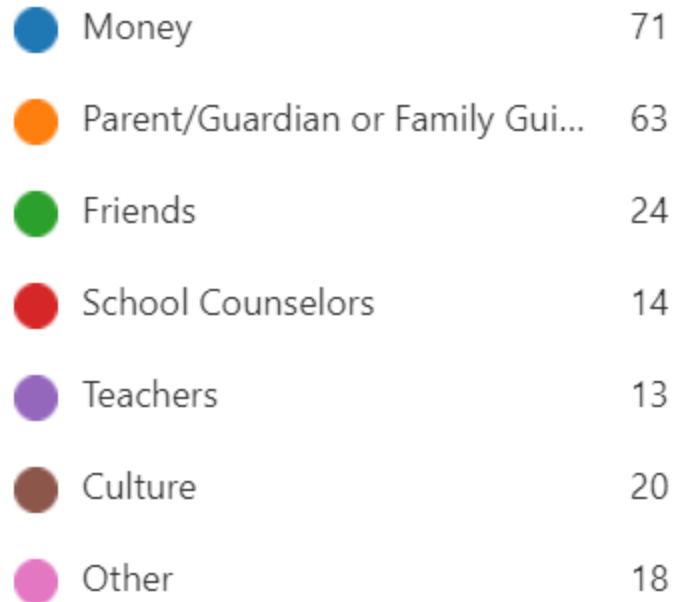
Choice in Education?

More Details

 Trade school / Certificate prog...	28
 4-Year University Track	78
 I do not know the different be...	11



Who or what influences your decision in choosing an education?



0

MONEY

47

TEACHERS

10

PARENTS

46

FRIENDS

15

CULTURE

14



SHOW QUESTION

TIMER: 10

X

XX

XXX

0

MONEY

18

**KNOWLEDGE &
SKILLS**

9

PARENTS

17

FRIENDS

5

CULTURE

5



SHOW QUESTION

TIMER: 10

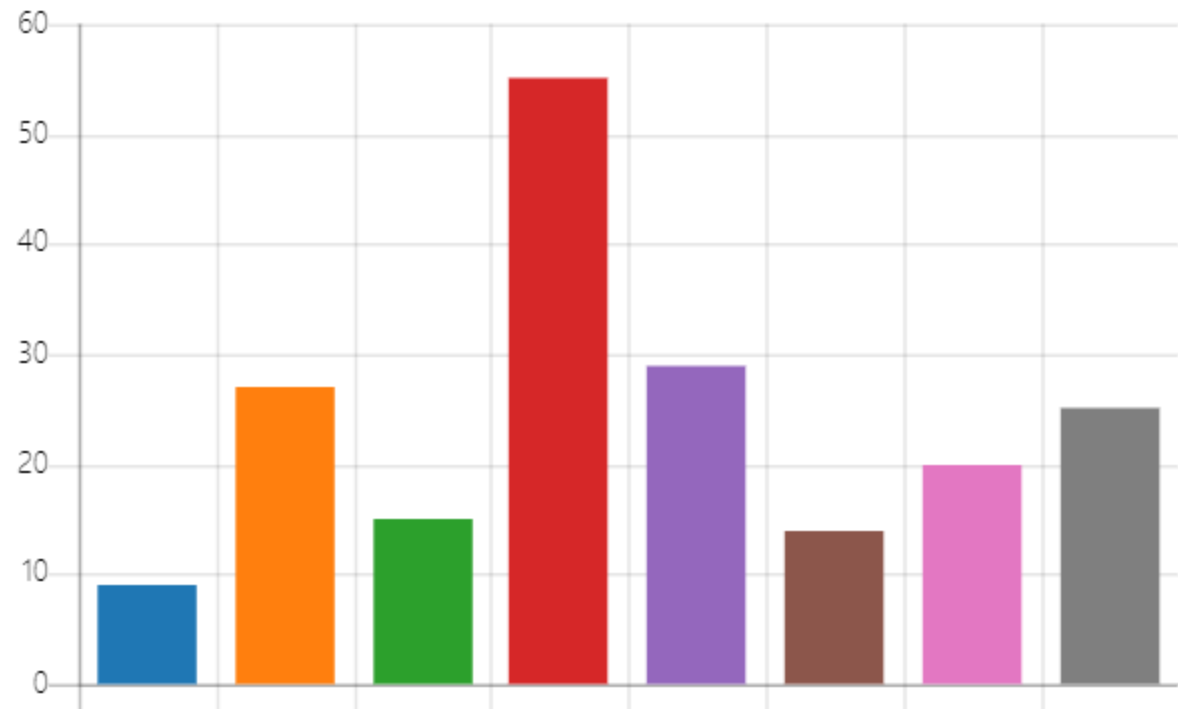
X

XX

XXX

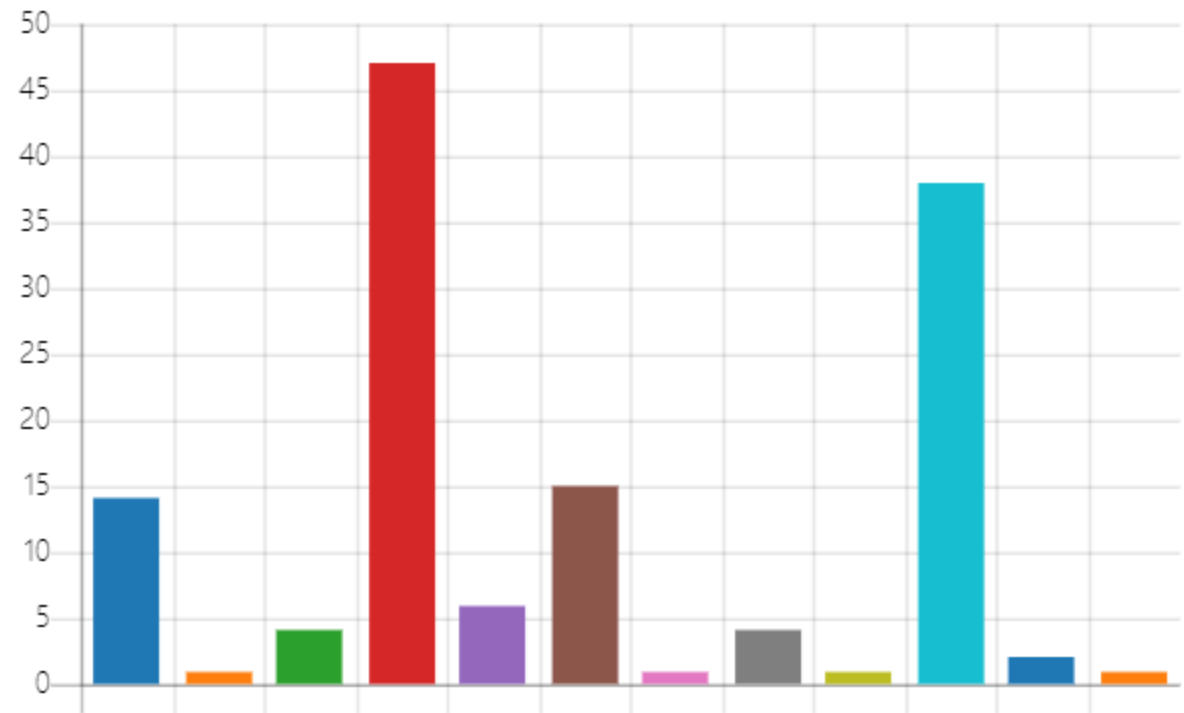
Family Members who...?

● Career in Maritime (working o...	9
● Career in Manufacturing (maki...	27
● Career in Supply Chain Logisti...	15
● Bachelor's Degree (4-year)	55
● Associates Degree (2-year)	29
● Certificate Program (less than ...	14
● First Generation College Stude...	20
● None of the above	25








Race?

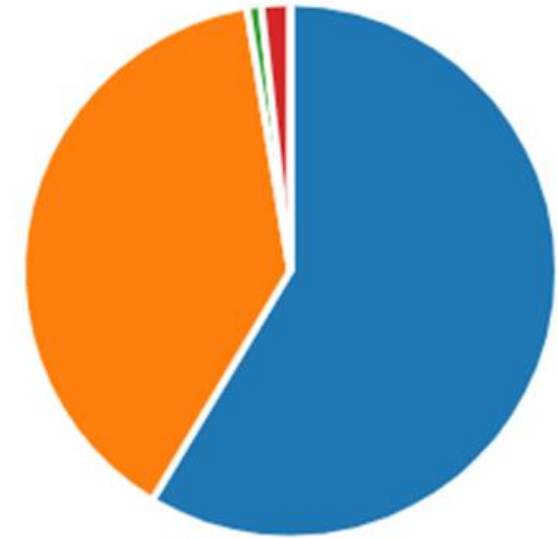
Asian / Asian American	14
South Asian	1
South East Asian	4
Black / African America	47
African	6
Hispanic / Latina/o/x	15
Middle Eastern / North African	1
Native / Alaska Native / Indige...	4
Native Hawaiian / Samoan / D...	1
White/ European	38



Gender?




More Details

 Woman / Female	68
 Man / Male	45
 Gender non-binary and non-c...	1
 Prefer not to say	2
 Different gender identity (plea...	0



Do you identify as Transgender?

More Details

 Yes	2
 No	110
 Prefer not to answer	4

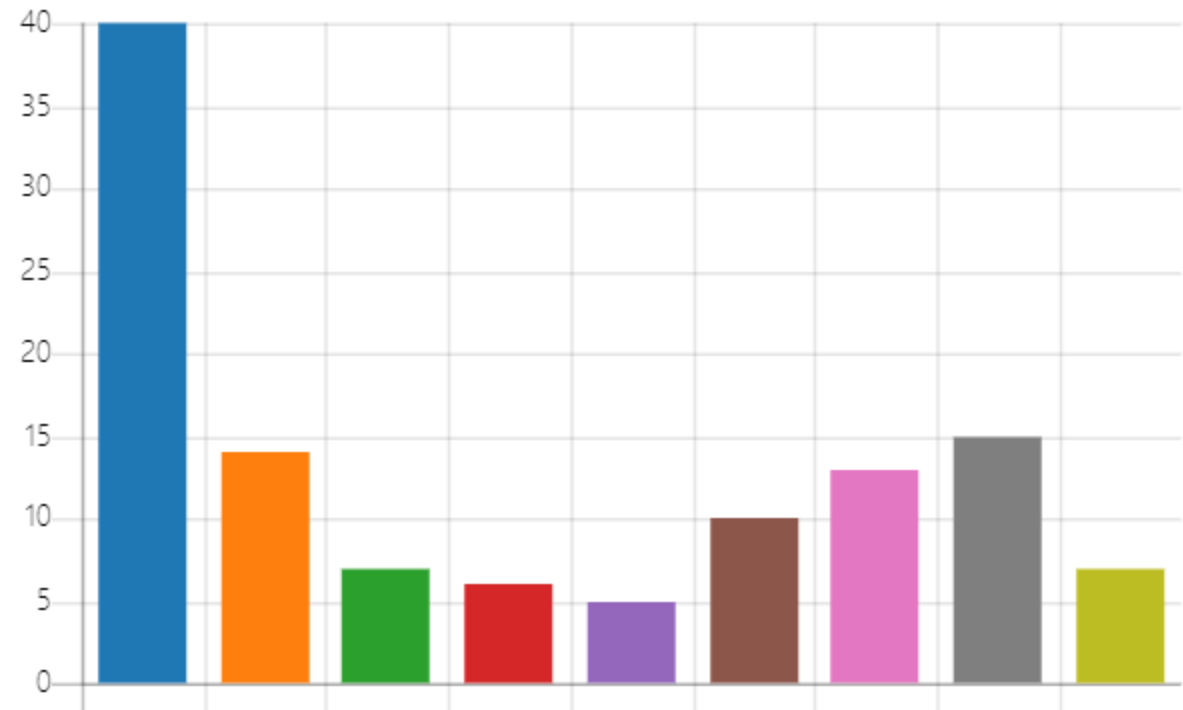


Age?

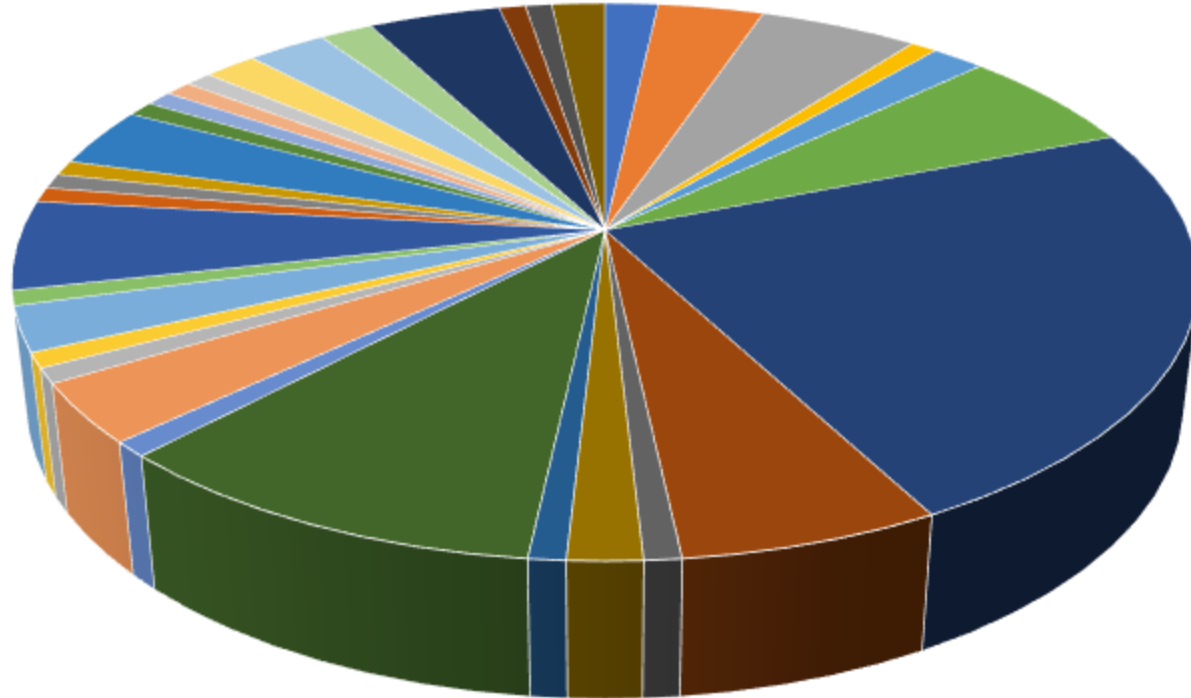
More Details

- 16
- 17
- 18
- 19
- 20
- 21
- 22
- 23
- 24

- 40
- 14
- 7
- 6
- 5
- 10
- 13
- 15
- 7



Zip Code - Where you live?



- Auburn
- Delridge/West Seattle
- Fremont/Wallingford/Greenlake
- Laurelhurst
- Puyallup
- San Francisco
- South Park/Burien/Tukwila
- Bryn Mawr/Skyway
- Does not exist
- Georgetown/Beacon Hill/Columbia City
- Madison Park
- Queen Anne/Westlake
- Sandy
- Sunnyvale
- Burien/Normandy Park
- Downtown
- Greenlake/Maple Leaf/Wedgewood
- Mexico
- Renton
- Sea Tac/ Southcenter
- Tacoma
- Capitol Hill / Eastlake
- Escondido
- Kent
- North Beacon Hill/Mount Baker
- Roxhill/West Seattle
- Seward Park/New Holly
- White Center
- Central District/Madrona
- Fed Way
- Lake Forrest Park
- Orange County
- Sacramento
- Shoreline



Breakout Rooms

Let's take a deep dive into what you think...



Debrief - Breakout Rooms

What was said?



THANK YOU!

Maritime, Manufacturing and Supply Chain Logistics