



# **Manufacturing in the Inland Empire/Desert Region**

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**Manufacturing Advisory Community**

February 13, 2019

# Today's Topics



**Manufacturing Industry**

**Manufacturing Middle-Skill Occupations**

**Regional Training Programs**

# Manufacturing Inland Empire/Desert Region 2018



- 103,844 jobs in the IEDR
  - 6.2% of all jobs in the region
  - 7.7% of all manuf. jobs in CA
- 3,520 establishments
- \$15.5B Gross Regional Product
  - 10.4% of GRP in region

# Industry Growth in the Inland Empire/Desert 2018 to 2023

- Manufacturing will decline 0.7% 
  - down 684 jobs
- Transportation and Warehousing 21% 
- Health Care & Social Assistance 19% 
- Educational Services 11% 
- Accommodation and Food Services 11% 

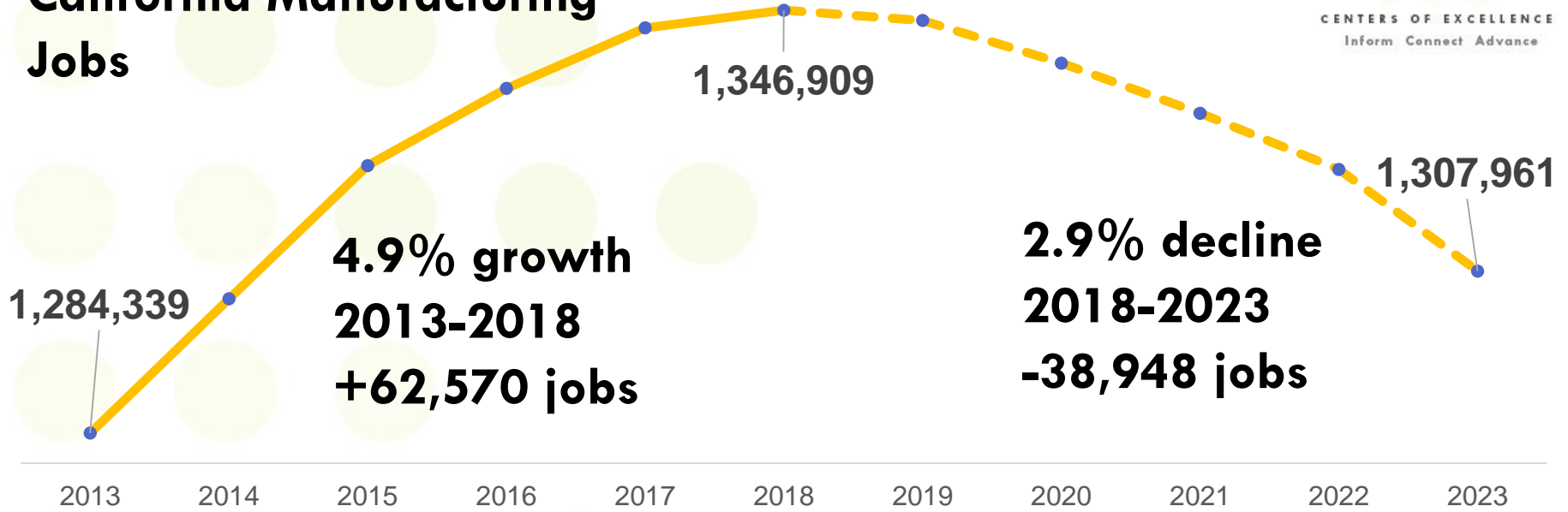
# California vs. Inland Empire/Desert



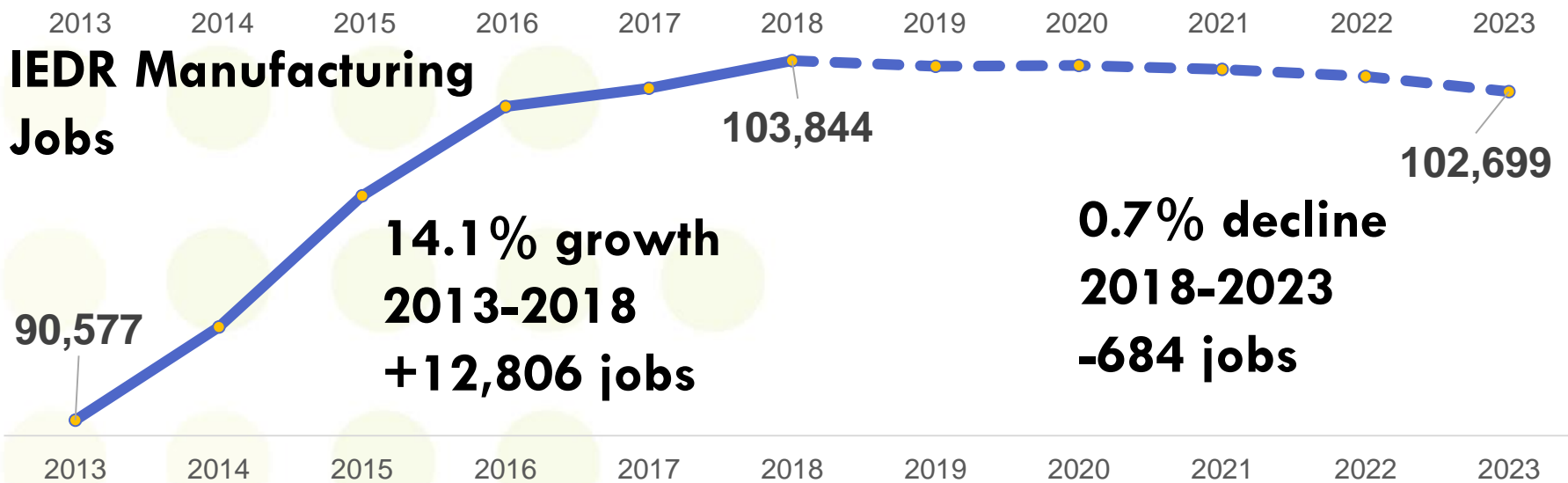
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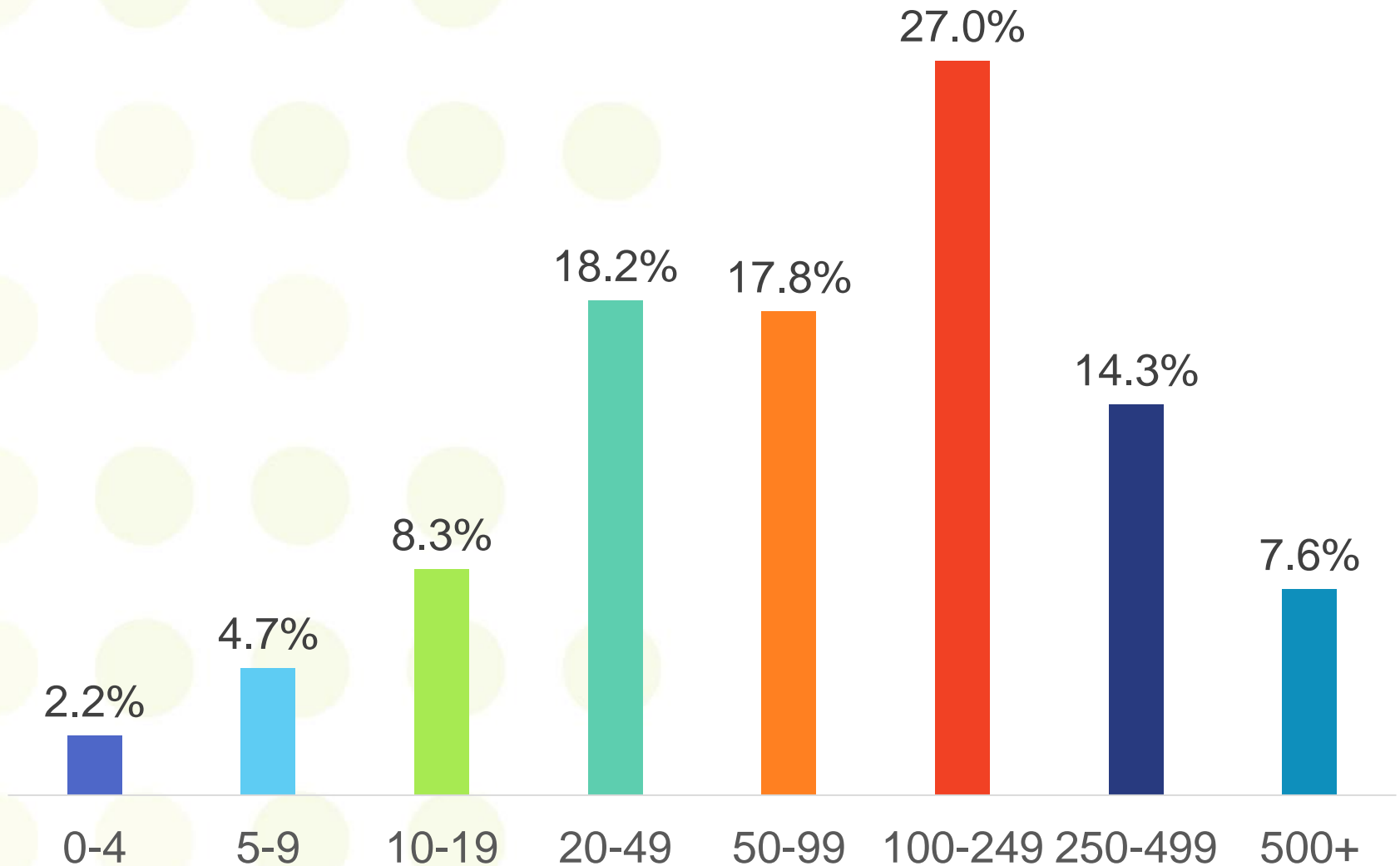
## California Manufacturing Jobs



## IEDR Manufacturing Jobs



# Size of Business No. of Employees



Source: Q1 2017, CA EDD LMID

# Manuf. Industries Adding the Most Jobs through 2023



Manufacturing Industry	2018 Jobs	5-year Change	% Change
Aircraft Manufacturing	773	320	41%
Meat Processed from Carcasses	478	213	45%
Surgical Appliance and Supplies Manufacturing	832	202	24%
Other Industrial Machinery Manufacturing	614	188	31%

# Manuf. Industries Shedding the Most Jobs through 2023



Manufacturing Industry	2018 Jobs	5-year Change	% Change
Surgical and Medical Instrument Manufacturing	1,490	-694	-47%
Nonupholstered Wood Household Furniture Manufacturing	570	-268	-47%
Plastics Plumbing Fixture Manufacturing	404	-195	48%
Commercial Printing (except Screen and Books)	1,977	-177	9%



# Highest Paying Industries (+growth)



<b>Manufacturing Industry</b>	<b>2017 Earnings Per Worker</b>	<b>2018 Jobs</b>	<b>% Change Growth</b>
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	\$153,402	331	7%
Electromedical and Electrotherapeutic Apparatus Manufacturing	\$127,133	36	17%
Petroleum Lubricating Oil and Grease Manufacturing	\$122,307	17	9%
Aircraft Manufacturing	\$111,648	320	41%

# Specialty Manufacturing



<b>Manufacturing Industry</b>	<b>2018 LQ</b>	<b>2018 Jobs</b>	<b>2018 Establishments</b>
Custom Roll Forming	9.7	648	4
Fats and Oils Refining and Blending	7.3	509	1
Musical Instrument Manufacturing	7.3	993	10
Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing	7.0	404	1
Plastics Bottle Manufacturing	6.2	2,078	20

# Manufacturing Demographics



**71%**

**29% Manufacturing**

**53%**

**47% All Industries**

3%

6%

5%

7%

20%

22%

21%

21%

26%

21%

25%

22%

19-21

22-24

25-34

35-44

45-54

55+

# IERD Manufacturing Demographics



Manufacturing

All Industries

Hispanic or Latino %

54%

43%

White %

34%

38%

Black or African  
American

3%

7%

Asian %

7%

9%

Two or More Races%

1%

2%

# Middle-Skill

## Adv. Manuf. Occupations



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### Electrical and Electronics Engineering Technicians

- Five-Year Job Openings: 89
- Five-Year Growth: 2%
- Ent. to Exp. Hrly. Wage: \$15.27 to \$47.60
- Median \$27.35

### Electrical and Electronics Repairers, Commercial and Industrial Equipment

- 71
- 4%
- \$18.92 to \$40.98
- \$31.12

### Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

- 43
- -4%
- \$11.80 to \$26.30
- \$16.68

### Industrial Engineering Technicians

- 41
- 1%
- \$16.38 to \$44.61
- \$27.34

# Middle-Skill

## Adv. Manuf. Occupations



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### Occupational Health and Safety Specialists

- Five-Year Job Openings: 40
- Five-Year Growth: 9%
- Ent. to Exp. Hrly. Wage: \$23.26 to \$50.19
- Median \$36.97

### Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic

- 30
- 7%
- \$16.15 to \$46.58
- \$30.56

### Electric Motor, Power Tool, and Related Repairers

- 13
- 13%
- \$14.75 to \$45.94
- \$25.20

<b>Adv. Manuf. Top Employer Middle-Skill Job Postings, 2018</b>	<b># of Job Postings</b>
Niagara Bottling	140
Arconic	97
United Technologies Corporation	31
Johnson Controls Incorporated	29
Ventura Foods	27
Shawcor Incorporated	25
Tyson Foods	17



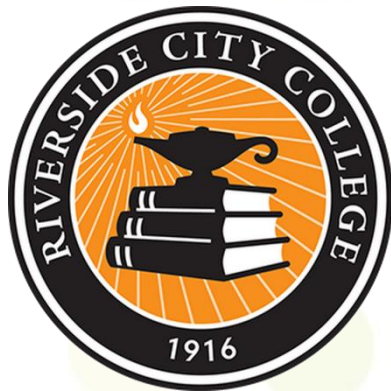
# Desert Manufacturing Programs



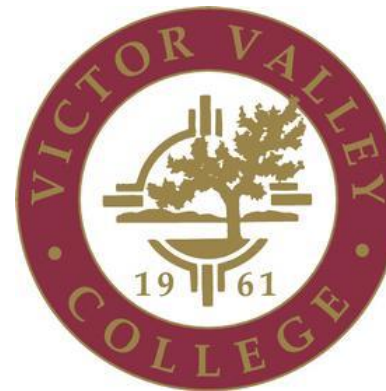
**Chaffey**









**College of the Desert**



**San Bernardino Valley**





Adv. Manuf. Strong Workforce Metrics	Current	Change	Previous year
Course Enrollments [2016-17]	5,626		5,356
# Students Awarded Degrees/Certs [2016-17]	158		142
Number Of Students Who Transferred 4-year Institution [2015-16]	74		81
Employed In 2nd Quarter After Exit [2015-16]	65%		67%
Median Earnings, 2nd Quarter After Exit [2015-16]	\$8,196		\$8,359
Attained a Living Wage [2015-16]	52%		56%

Source: Launchboard



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**Questions?**

# Thank You!

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