

# Labor Force Analytics

**Planners and ED Partnership Exchange**

October 29, 2014

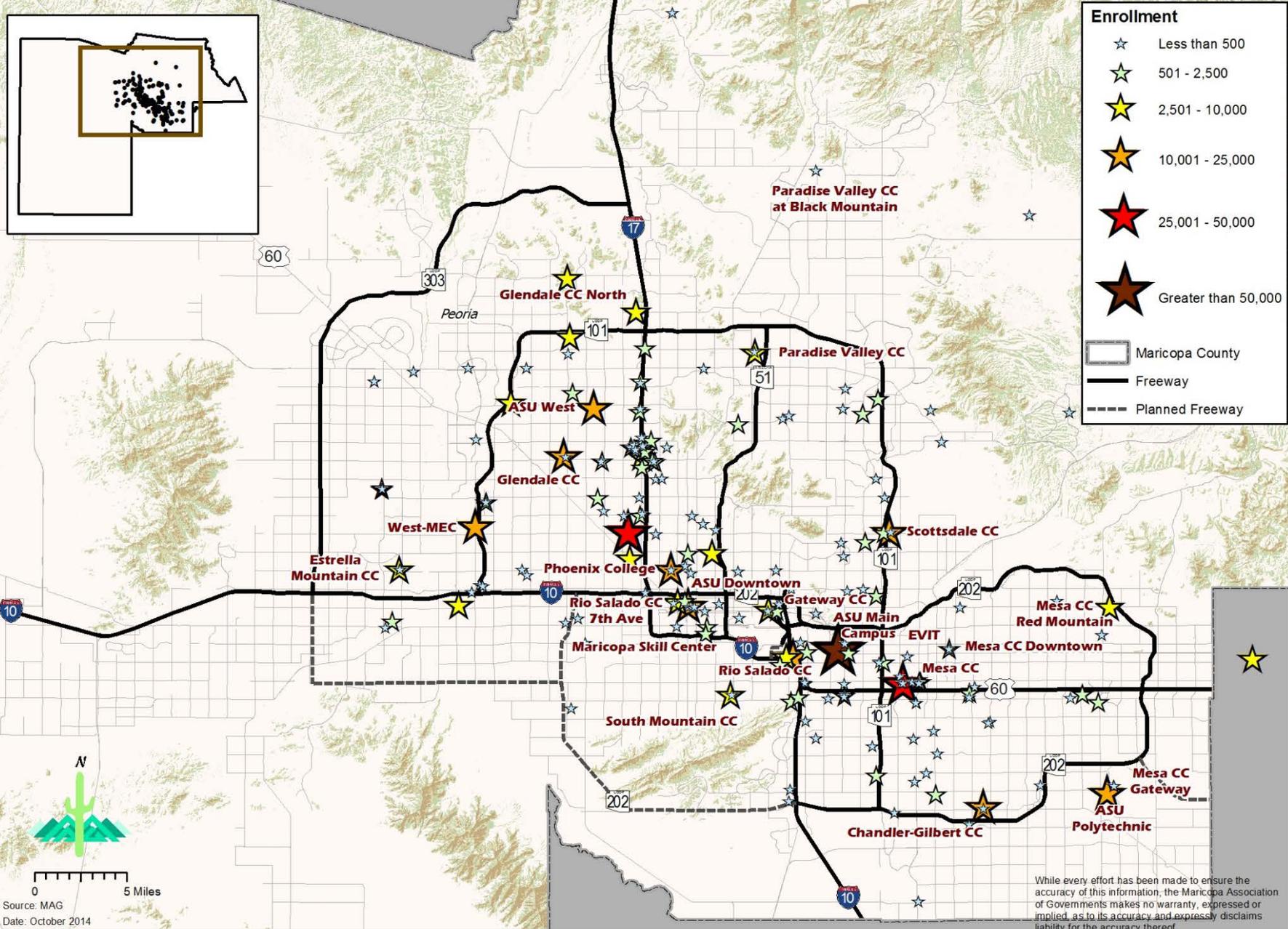




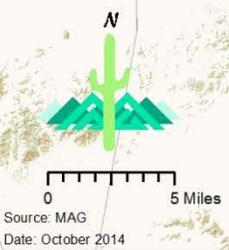
# Data Sources

- ASU Alumni Database – Spring 1990 to Spring 2014
  - Alumni current location by Arizona Zip
  - Alumni Major and Semester Degree Awarded
- East Valley Institute of Technology – Completions 2010-2014
  - Completers by Zip and Program
- West-MEC – Completions 2012-2014
  - Completers by Zip and Program
- In discussions with Maricopa Community Colleges
- Future - Grand Canyon University, Pinal County and other private post secondary institutions
- Evaluate other sources:
  - IPEDS The Integrated Postsecondary Education Data System (IPEDS)  
<http://nces.ed.gov/ipeds/datacenter/Default.aspx>

# Post High School Institutions



Enrollment	
☆	Less than 500
☆	501 - 2,500
☆	2,501 - 10,000
☆	10,001 - 25,000
☆	25,001 - 50,000
☆	Greater than 50,000
□	Maricopa County
—	Freeway
- - -	Planned Freeway



While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

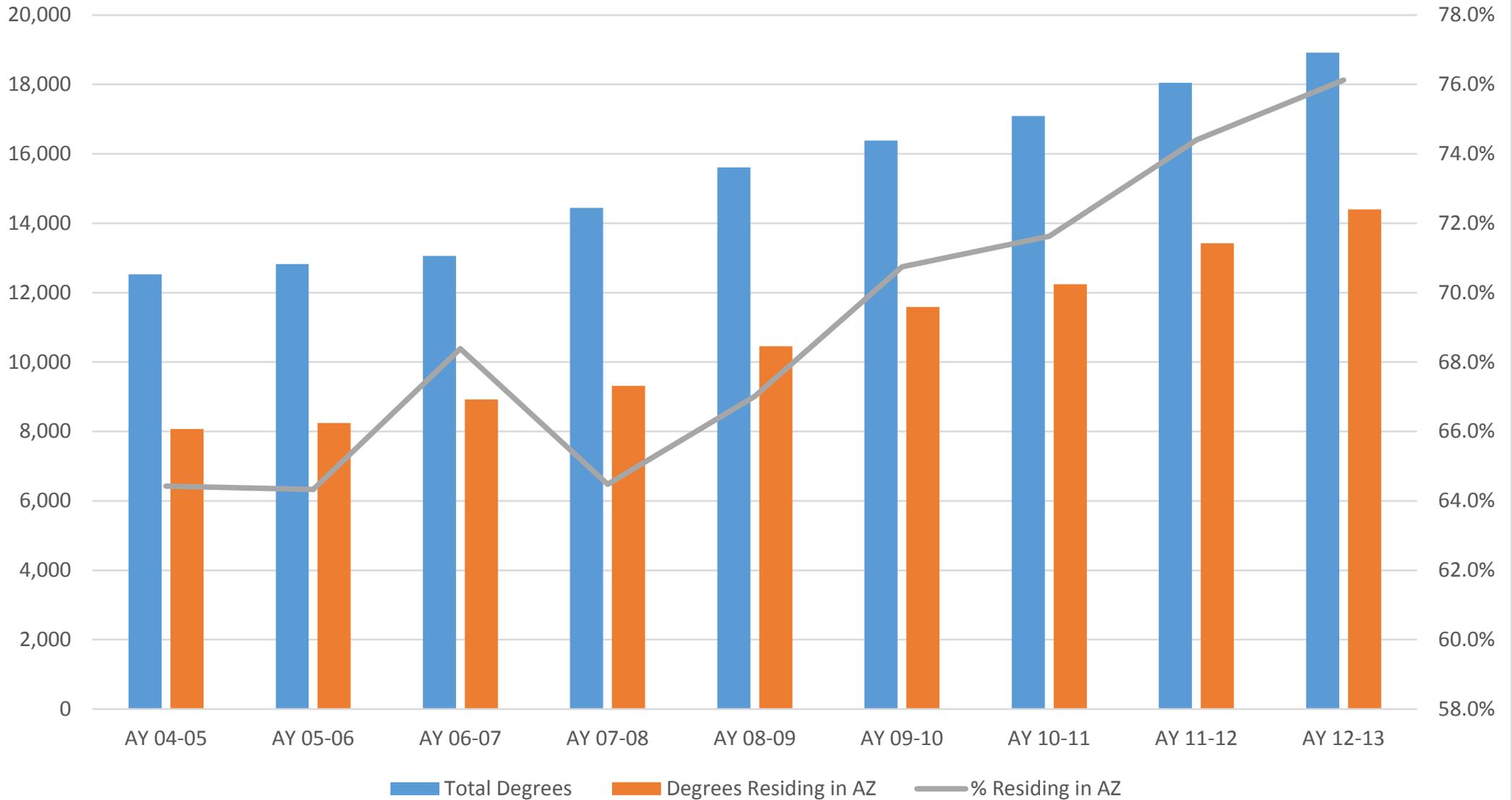
# 210

Vocational: 88  
 Comm.College Sites: 38  
 Public University: 21  
 Private University: 51  
 Private Colleges: 10

# ASU (04-13) 69.6%

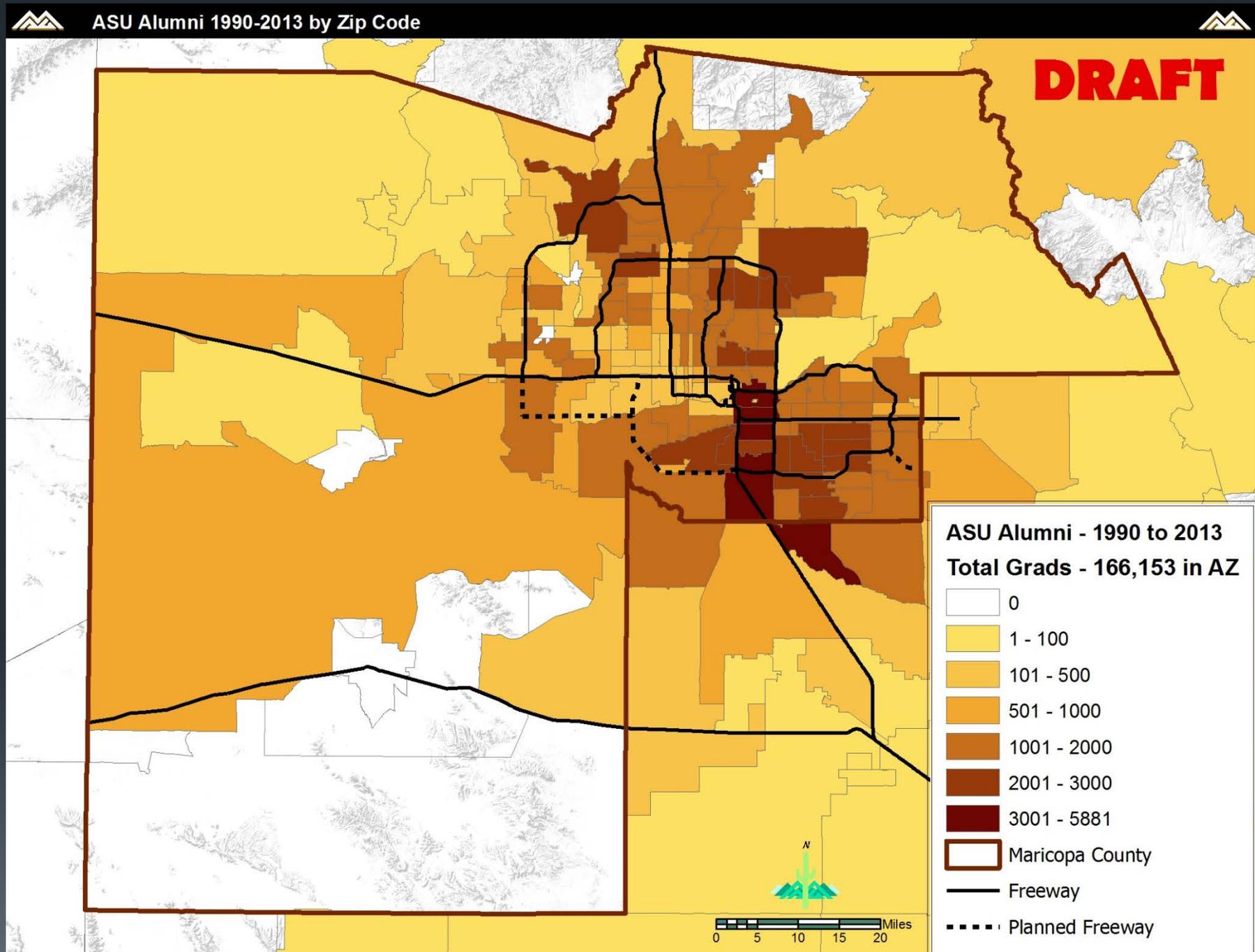
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## ASU Degrees Residing in Arizona



166,153  
ASU Grads in AZ

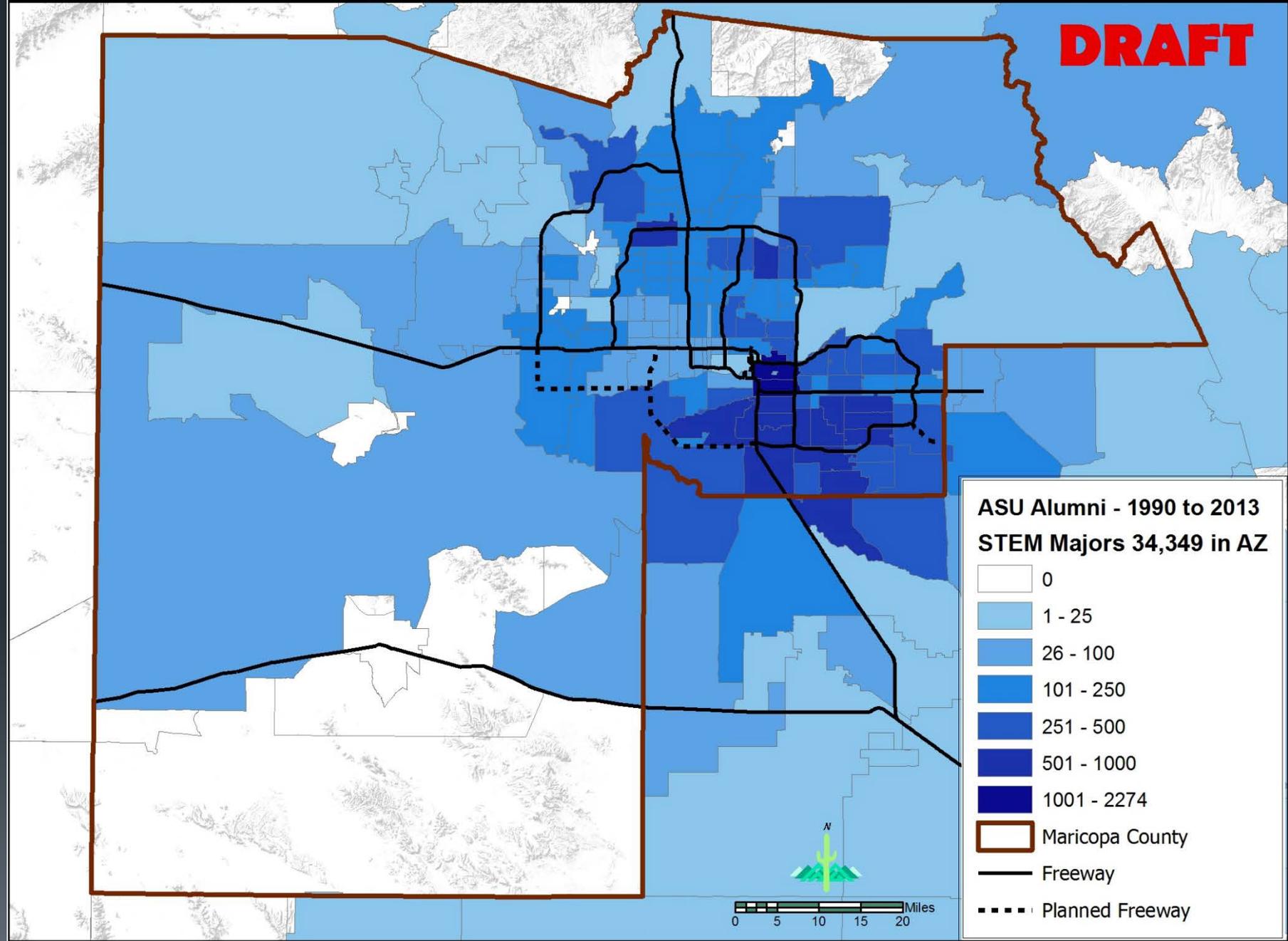
146,176 – Bachelor  
36,893 – Master  
3,549 – Doctoral  
2,791 – First  
Professional





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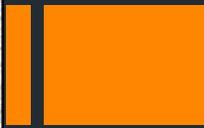
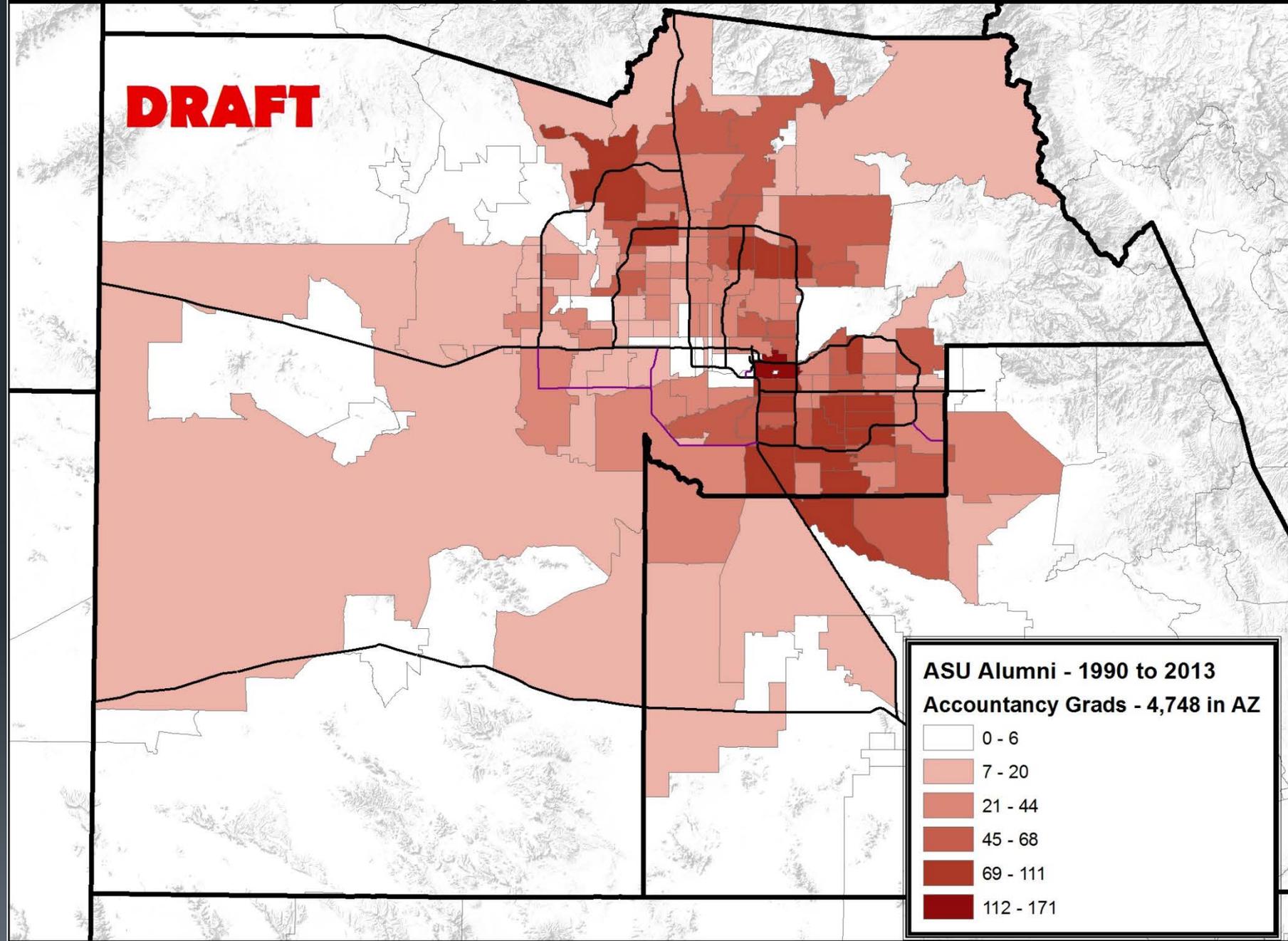
34,349  
STEM Major  
Grads in AZ

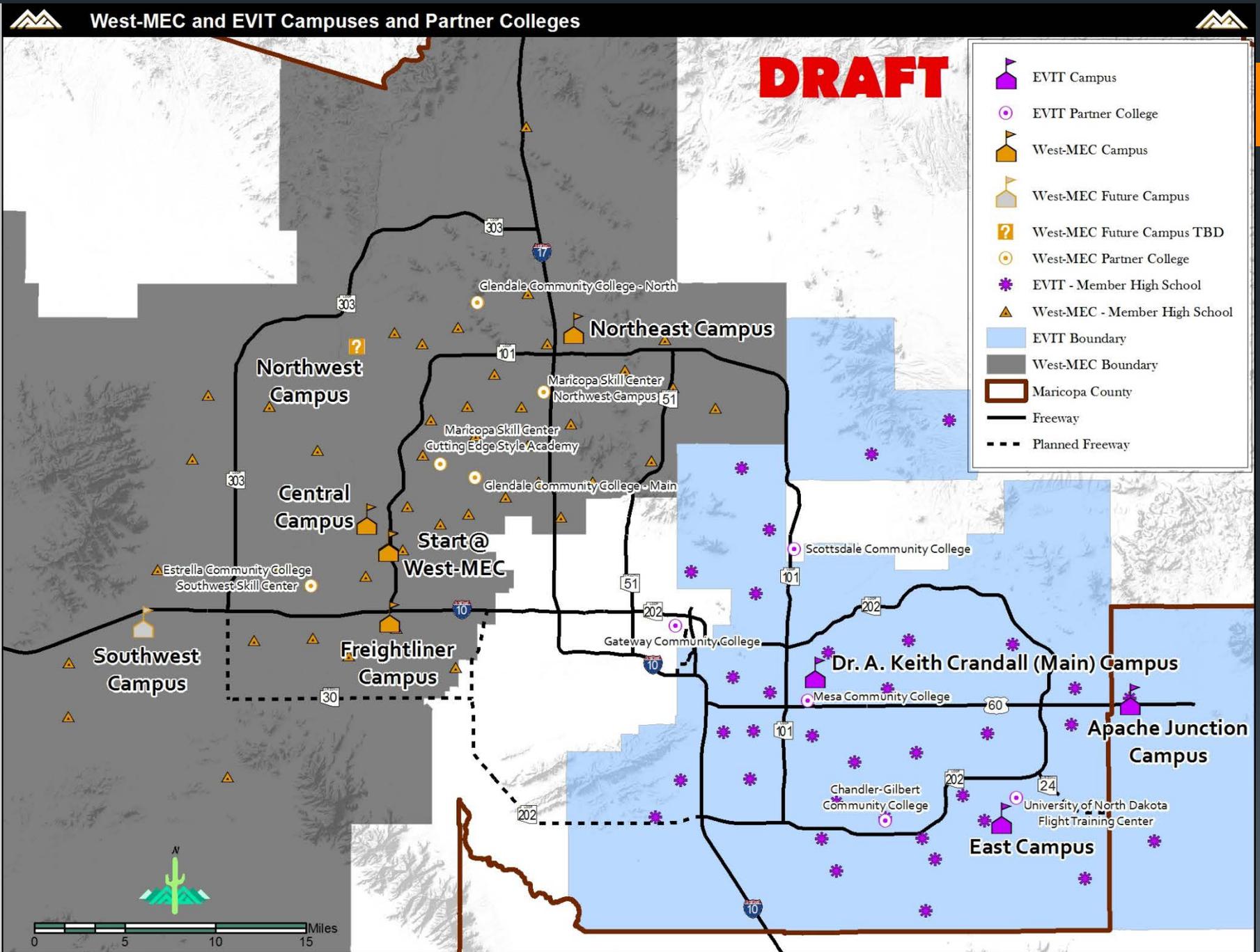




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4,748  
Accountancy  
Grads in AZ





# Joint Technical Education District (JTED)

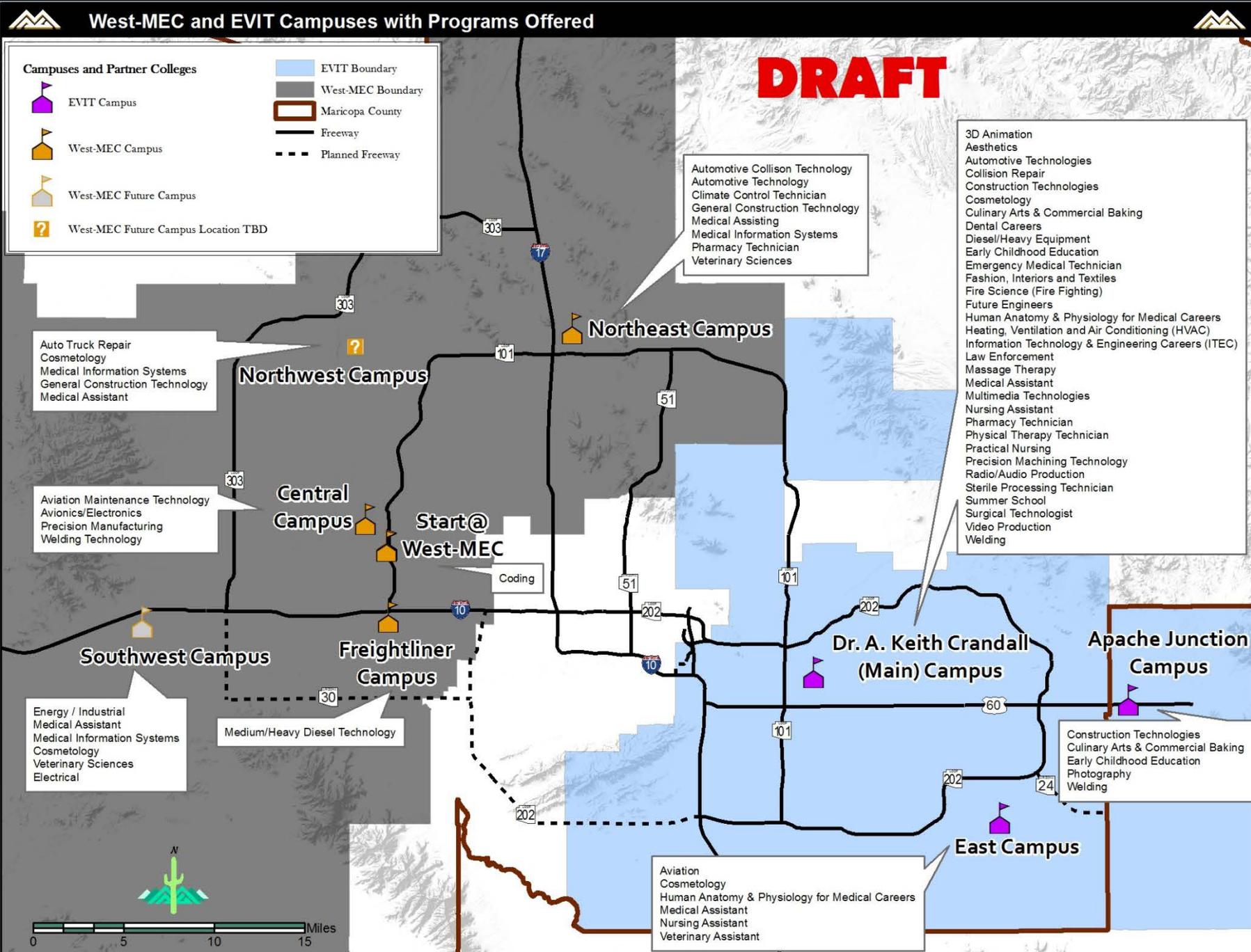
**Campuses:**  
 East Valley Institute of Technology (EVIT): 3

Western Maricopa Education Center (West-MEC): 4 + 2

10 Partner Colleges

Member High Schools  
 EVIT : 35  
 West-MEC: 45

Need to contact:  
 Central Arizona Valley Institute of Technology (CAVIT)



Enhance and support Career and Technical Education programs for high school students

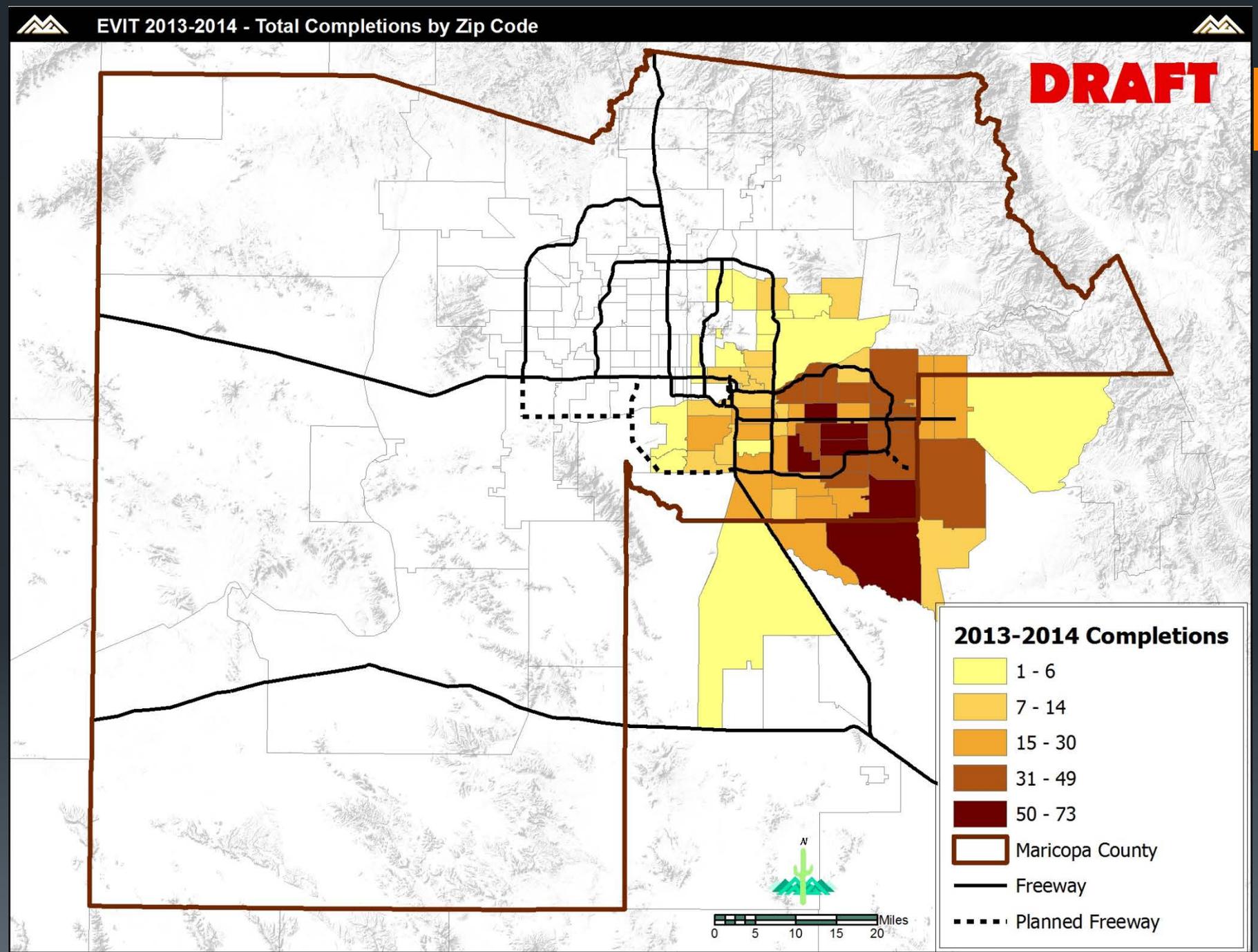
**EVIT:**  
33 High School + 10 Adult Ed

**West-MEC:**  
18 Satellite Programs on High School Campuses + 14 Central Programs + 3 (+4) Adult Ed

# Completions (2013-2014)

EVIT: 1,243

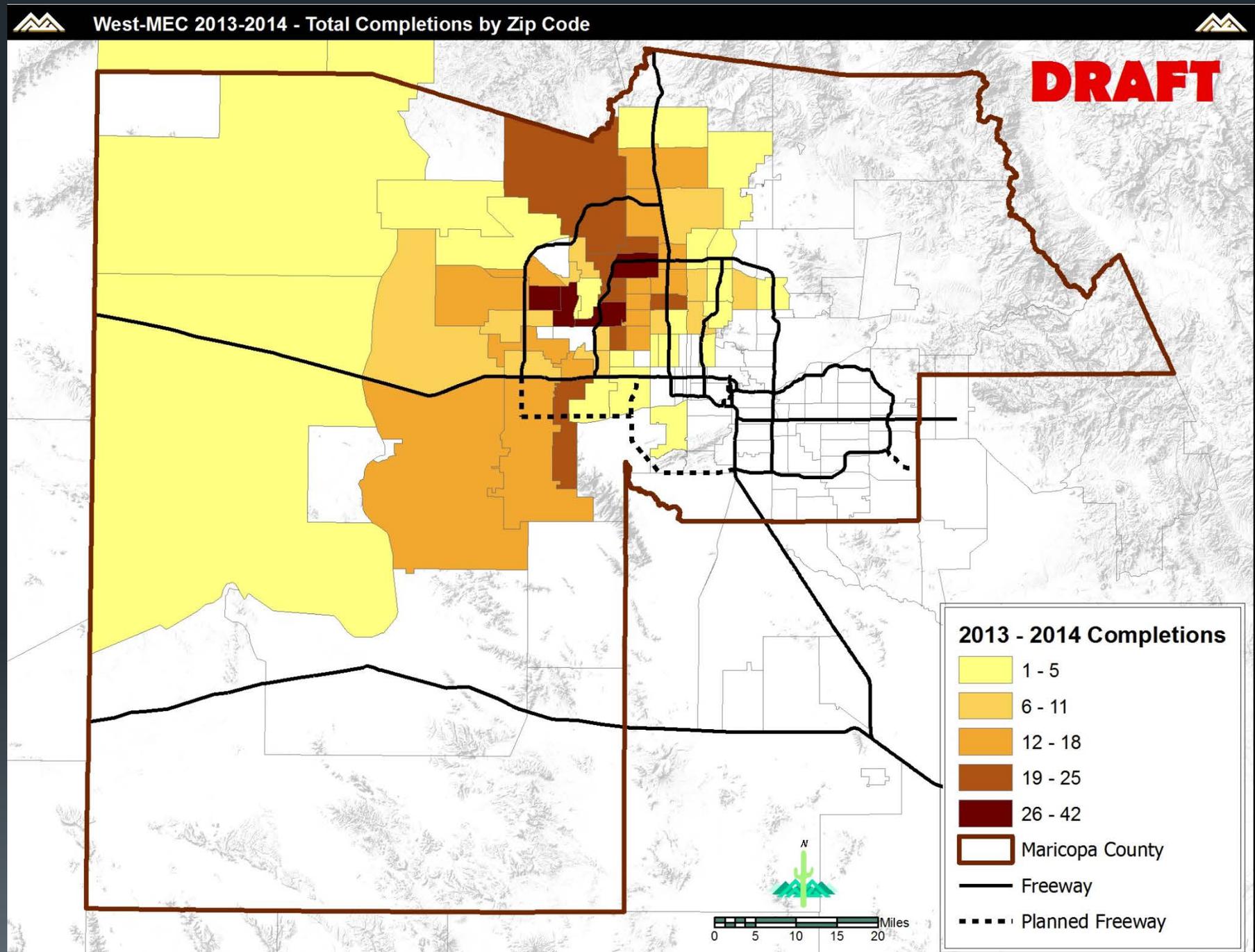
Nursing Asst. 184  
Cosmetology 162



# Completions (2013-2014)

West-MEC: 694

Cosmetology 355  
EMT 88



# Additional Data Sources



Tool/Data	Data Level	Years	Geography	Capabilities	Web Address
On the Map LEHD - Longitudinal Employer-Household Dynamics	2 digit NAICS	2002 to 2011	User defined polygons or predefined Zip being the smallest	Map worker inflow and outflow, age and income profiles of workers	<a href="http://onthemap.ces.census.gov/">http://onthemap.ces.census.gov/</a>
County Business Patterns	2 digit NAICS	1998 to 2012	County and Zip	Establishments, jobs, payroll	<a href="http://www.census.gov/econ/cbp/">http://www.census.gov/econ/cbp/</a>
Annual Survey of Manufactures	4 digit NAICS for Manufacturing Sector	2004 to 2011	State	Jobs, payroll, cost of materials, value of shipments	<a href="https://www.census.gov/manufacturing/asm/">https://www.census.gov/manufacturing/asm/</a>
Economic Survey	6 digit NAICS for several employment sectors	2002; 2007; 2012 data releasing in 2015	Zip	Establishments by sales range	<a href="https://www.census.gov/econ/sbo/">https://www.census.gov/econ/sbo/</a>
American Community Survey (ACS) - 1 year	Occupation	2005 to 2013	Places 65,000+ Population	Occupation, Industry	<a href="https://www.census.gov/acs/www/">https://www.census.gov/acs/www/</a>
American Community Survey (ACS) - 3 year	Occupation	2007 to 2013	Places 10,000+ Employed Population	Occupation, Industry	<a href="https://www.census.gov/acs/www/">https://www.census.gov/acs/www/</a>
American Community Survey (ACS) - 5 year	Occupation	2009 to 2012	Census Tract; Zip	Occupation, Industry	<a href="https://www.census.gov/acs/www/">https://www.census.gov/acs/www/</a>
Bureau of Labor Statistics (BLS)	Occupation	1997 to 2013	MSA	Jobs and Wages	<a href="http://www.bls.gov/oes/">http://www.bls.gov/oes/</a>
Quarterly Workforce Indicators (QWI) Explorer	Employment	2009 to 2013	MSA	Quarterly Employment and Earnings	<a href="http://qwiexplorer.ces.census.gov/">http://qwiexplorer.ces.census.gov/</a>

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Mark Roberts  
Sr. Project Manager

Anubhav Bagley  
Information Services Manager

(602) 254-6300  
[www.azmag.gov](http://www.azmag.gov)

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