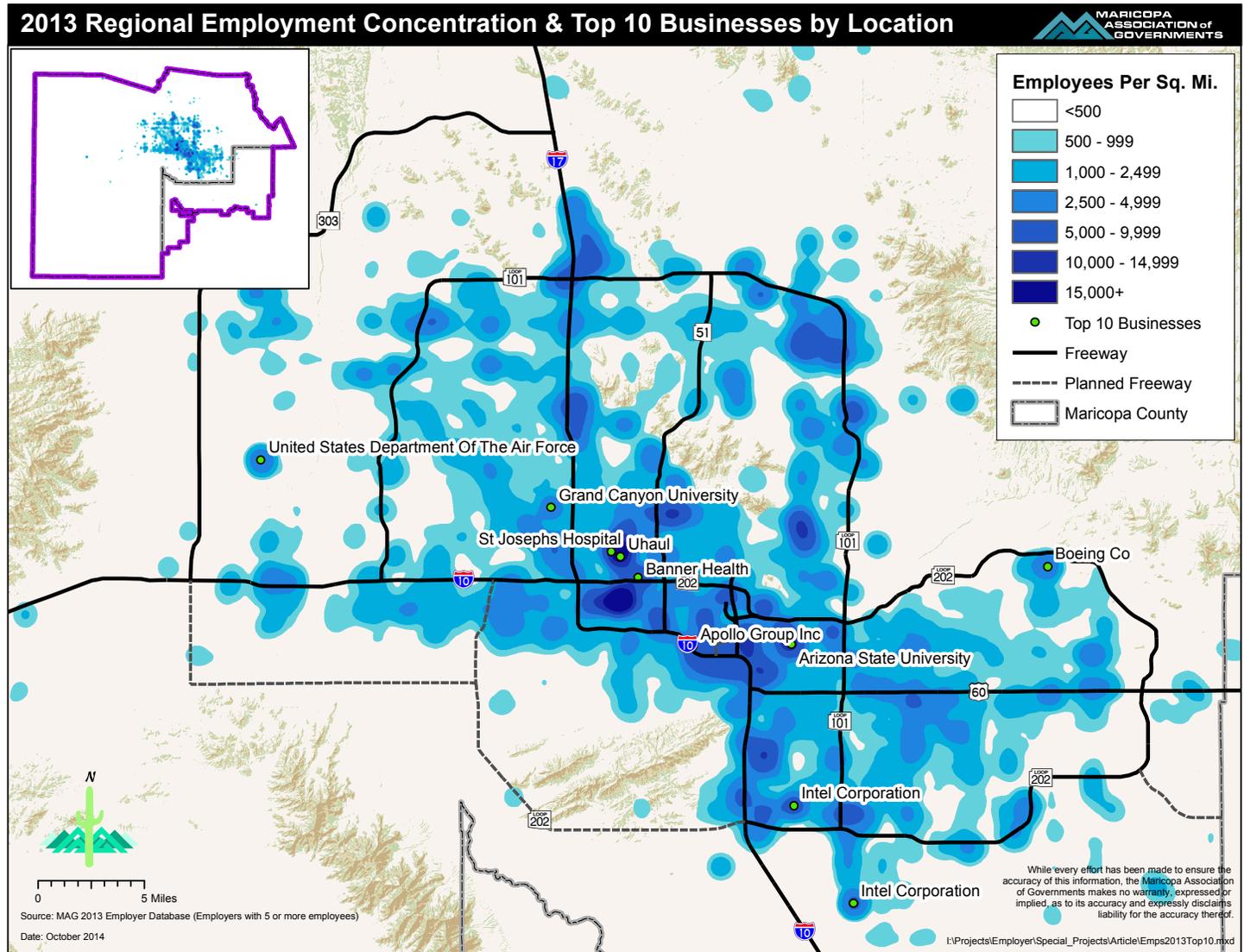
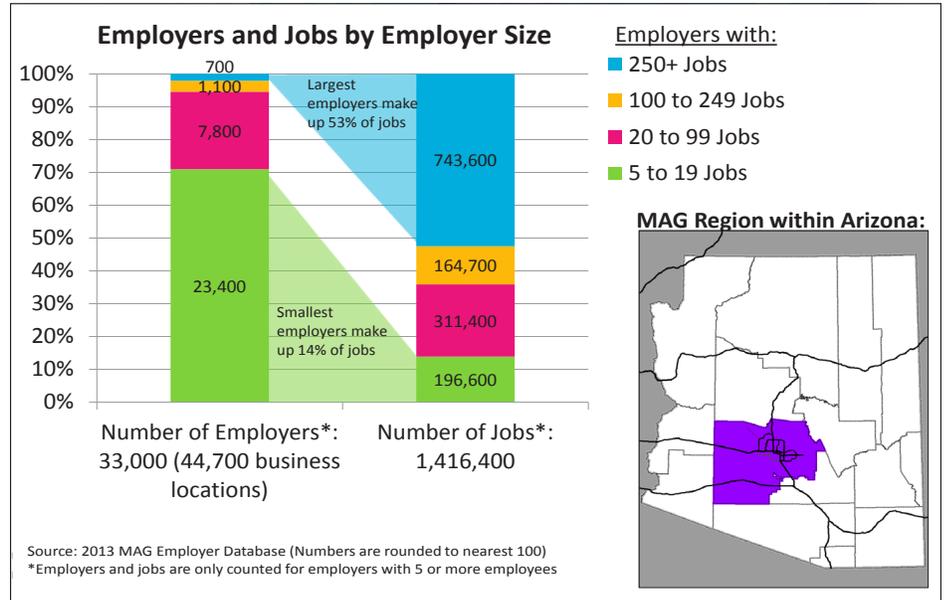


2013 Regional Employment Overview for the MAG Region

The Maricopa Association of Governments (MAG) Metropolitan Planning Organization area covers well over 10,000 square miles. It is home to more than 33,000 employers with five or more employees comprising of 1.4 million jobs. Given the vast area of the MAG region, how can we understand employment at a micro scale? MAG collects data for two spatial datasets that can address this question. The *2013 MAG Employer Database* and the *2014 Job Centers Regional Database* are analyzed to explore the nuanced economy within the Valley.



Industry Clusters

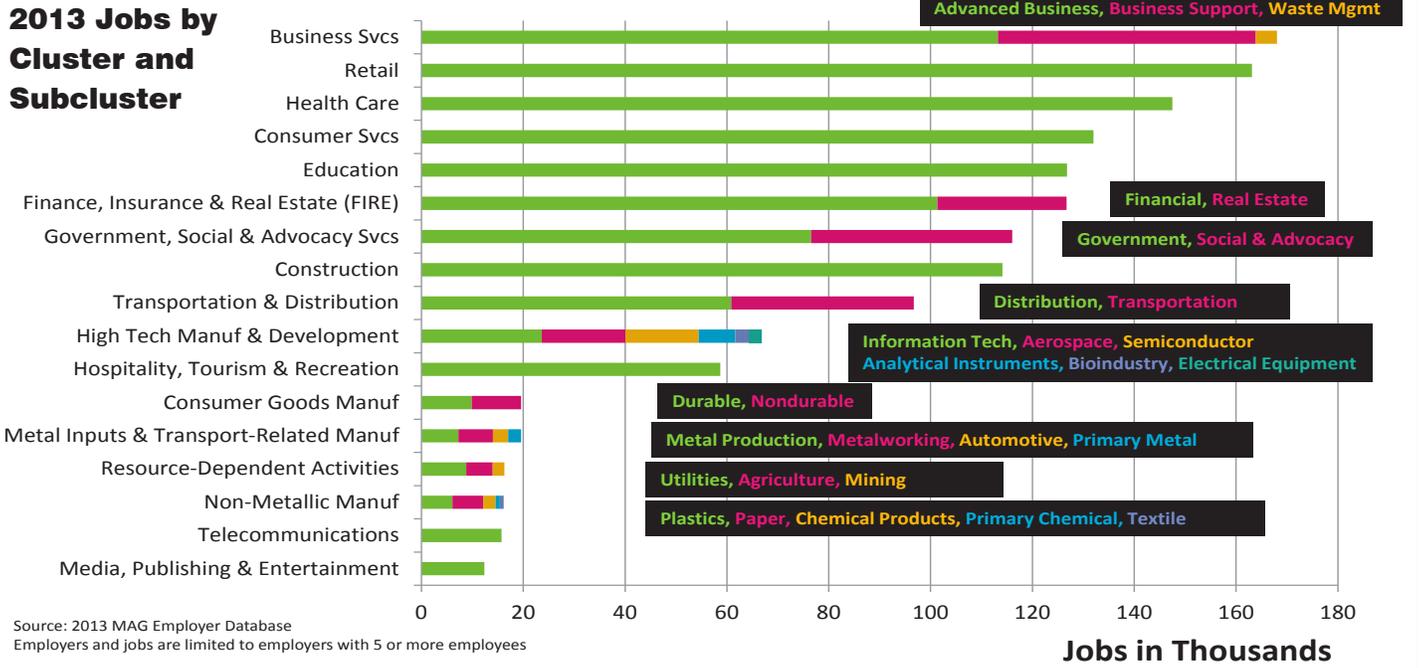
Industry clusters are classifications defined by MAG in 2012 to analyze specialized industries important to the region. They are based on groupings from North American Industry Classification System (NAICS) codes and are

used for assessing sectors that would otherwise be difficult to analyze, such as High Tech Manufacturing and Development or Hospitality, Tourism, and Recreation. (See table below.) Within some of these clusters are further classifications called subclusters. Subclusters allow for more detailed industry analysis. (See chart on page 3.)

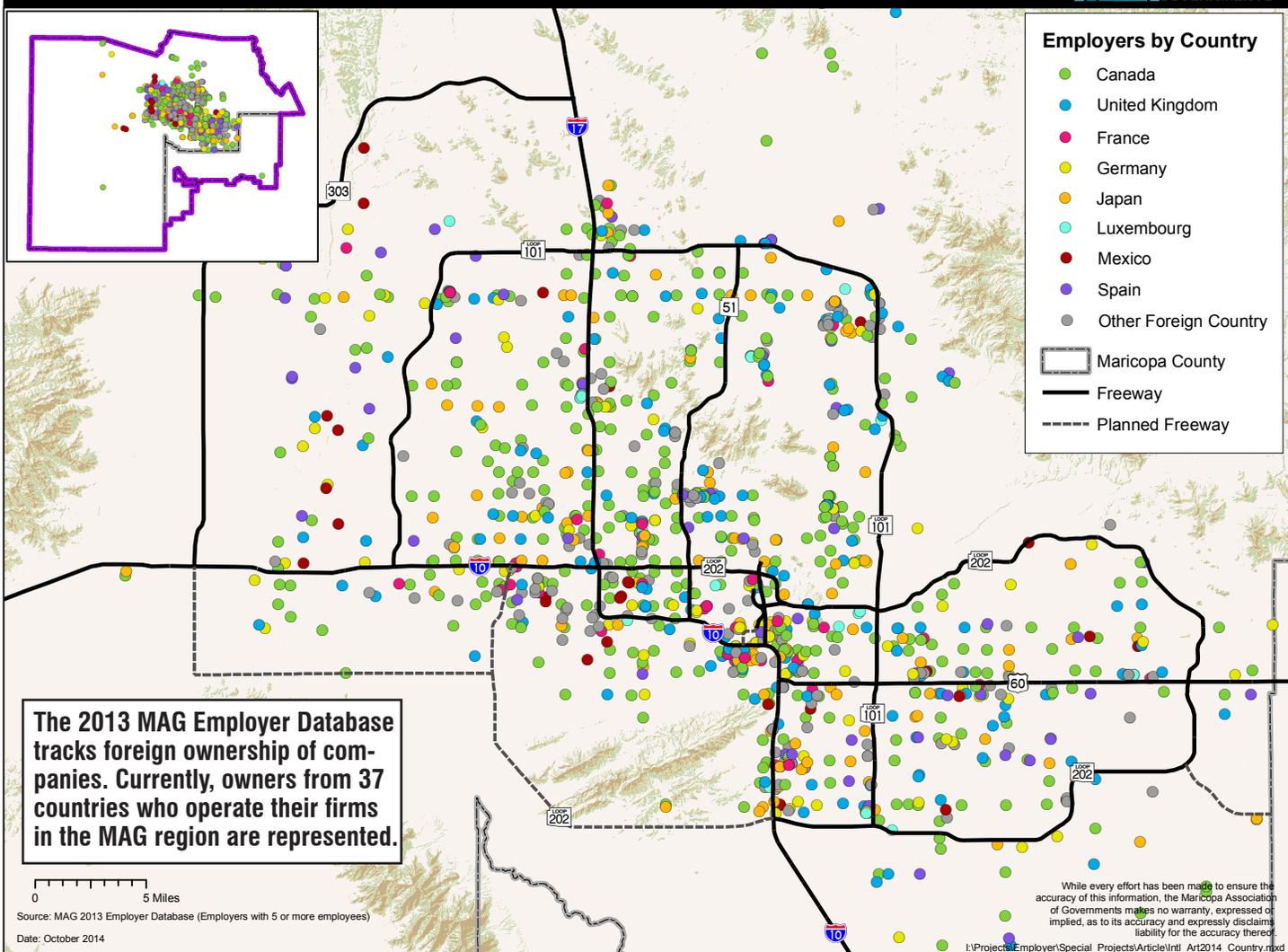
CLUSTER	CLUSTER DEFINITION	# of Firms	# of Jobs
Business Services	Professional, scientific and technical services; administrative and business support services; and waste collection, treatment and disposal which can serve businesses as well as residents	6,320	168,060
Construction	Construction services, contracting, heavy and civil engineering and manufacturing of products to support construction activities	4,800	114,130
Consumer Goods Manufacturing	Manufacturing of any products to be sold to end consumers (except bikes and automobiles)	470	19,570
Consumer Services	Services geared primarily toward individual consumers such as restaurants, bars, personal services and repair maintenance of personal property (except financial services)	6,430	132,020
Education	Private or public primary, secondary, collegiate or specialty educational services or training services (except flight training) and research relating to education	1,760	126,800
Finance, Insurance & Real Estate (FIRE)	Finance, insurance and real estate related services	3,780	126,730
Government, Social & Advocacy Services	Government, social, religious and advocacy services and administration	3,420	116,040
Health Care	Medical services, nursing, medical laboratories, and retail and wholesale products related to health care such as pharmacies, optical goods stores and health products distributors	4,600	147,480
High Tech Manufacturing & Development	Manufacturing of computer and electronics, analytical instruments, electrical equipment, biotechnology products and including aerospace products and services (including flight training) as well as software development	790	66,840
Hospitality, Tourism & Recreation	Tourism-related services, accommodation, attractions, and performing arts and spectator sports; does not include food services or retail	1,340	58,700
Media, Publishing & Entertainment	Publishing, studio recording, media production, theaters, broadcasting, libraries, media services and performing arts companies	460	12,340
Metal Inputs & Transportation-Related Manufacturing	Manufacturing of all metals including primary metals, machinery, metalworking and transportation equipment including bikes and automobiles (except for aerospace and consumer goods manufacturing)	650	19,560
Non-Metallic Manufacturing	Manufacturing of all non-metallic materials such as paper, chemicals and plastics (except for biotechnology products and consumer goods manufacturing)	550	16,150
Resource-Dependent Activities	Activities that depend on a region's natural resources including energy, agriculture, forestry, mining and oil extraction	410	16,390
Retail	Retail stores and other direct selling establishments such as mail orders and online shopping (except pharmacies)	5,710	163,140
Telecommunications	Telecommunications services and programming and manufacturing of equipment and products supporting these activities	390	15,720
Transportation & Distribution	Transportation, warehousing and distribution of products and other supporting services (except health care distribution)	2,800	96,710

Source: 2013 MAG Employer Database (includes employers with 5 or more employees). Numbers are rounded to the nearest 10.

2013 Jobs by Cluster and Subcluster

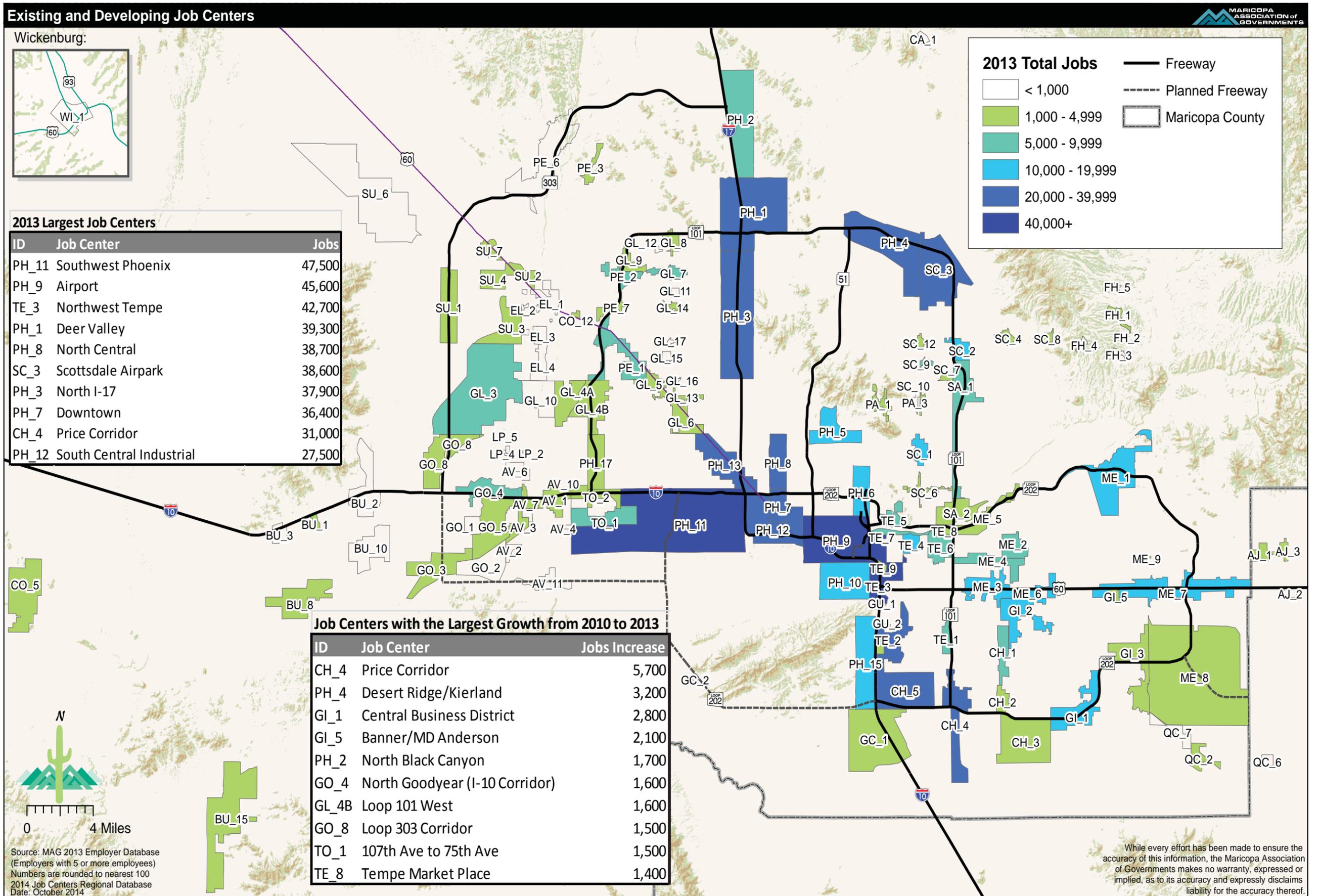
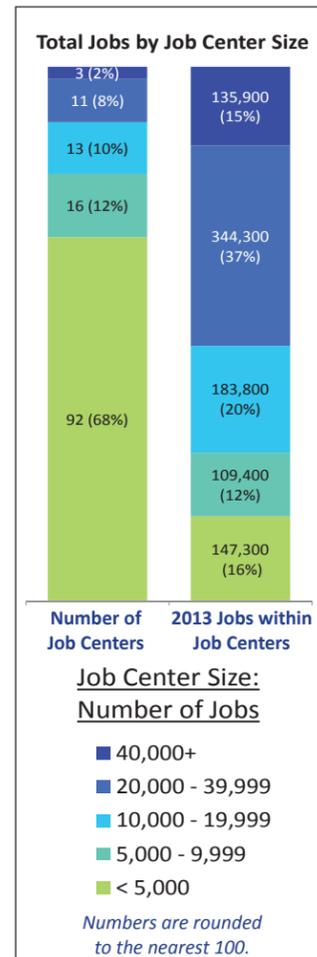


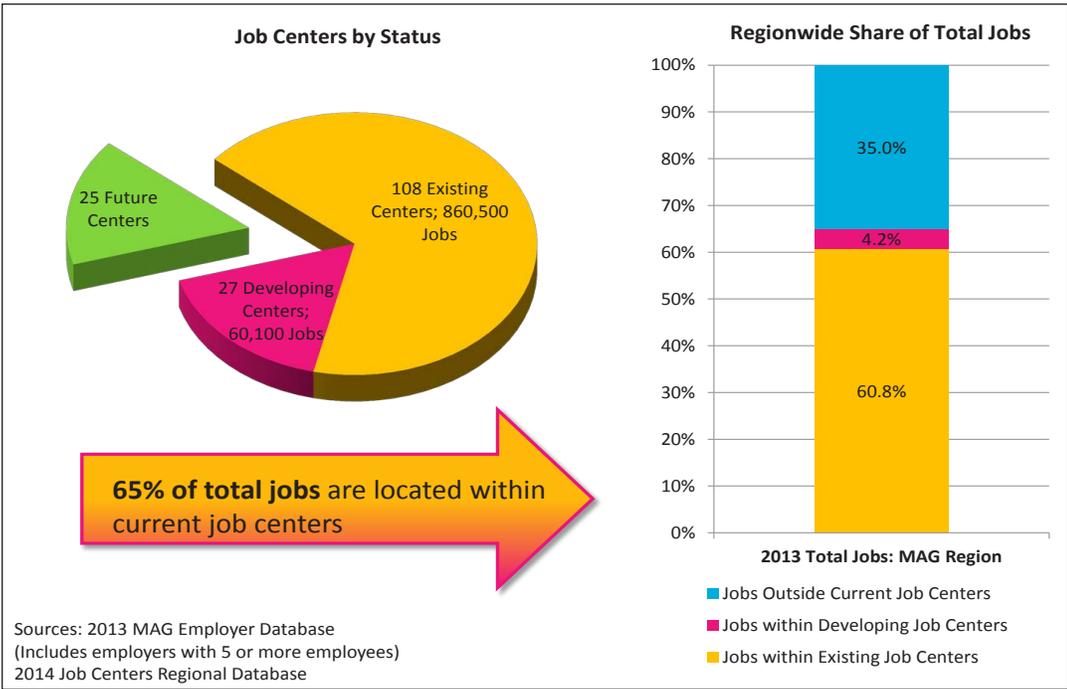
2013 Foreign-Owned Employers



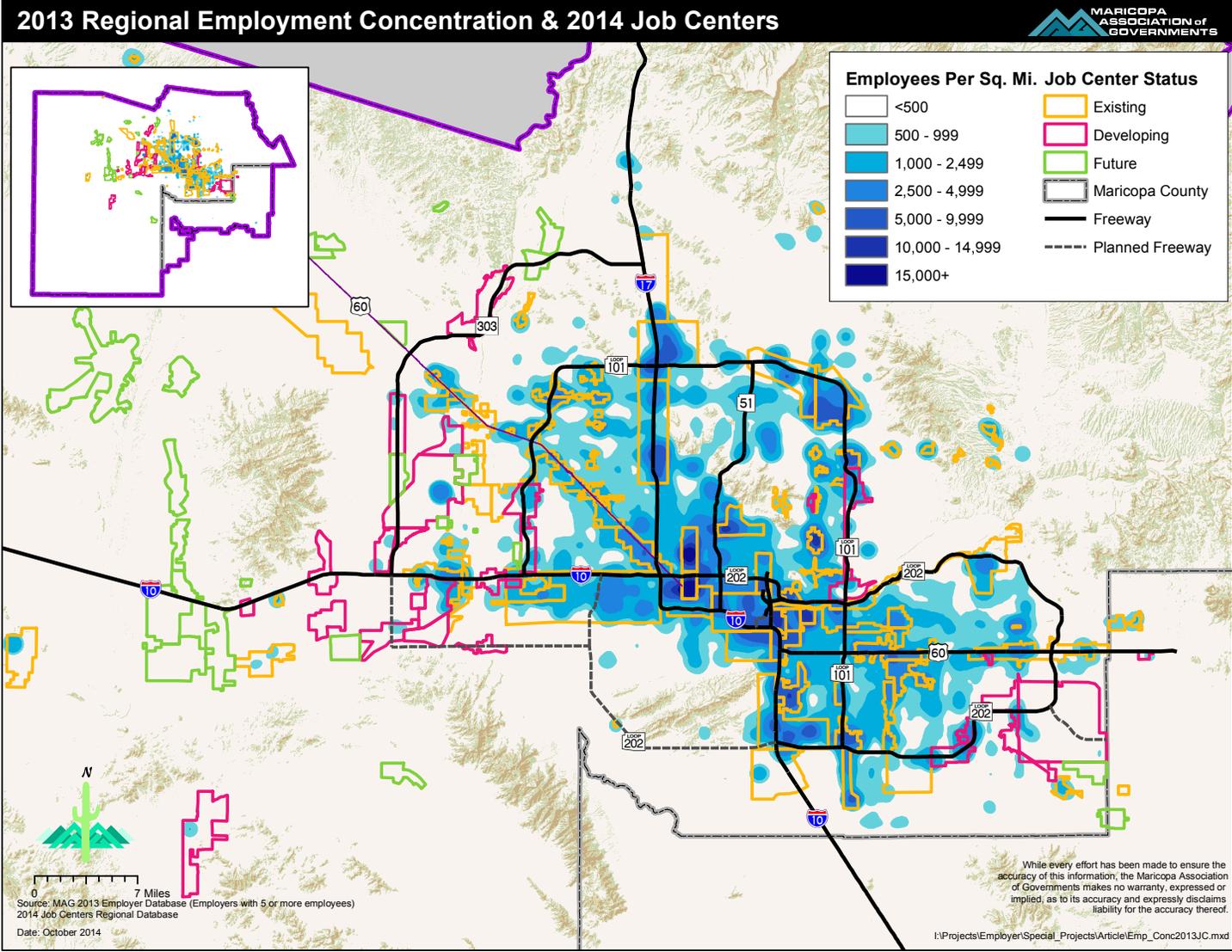
Job Centers

Job centers are member agency-defined economic areas of regional importance. Job centers vary in their stage of development. Currently, there are **108 Existing Job Centers** which are at least 50 percent developed. There are **27 Developing Job Centers** which are 20 percent to 49 percent developed. There are **25 Future Job Centers** which are less than 20 percent developed. Within the MAG region, **65 percent of total jobs** are located within current job centers.



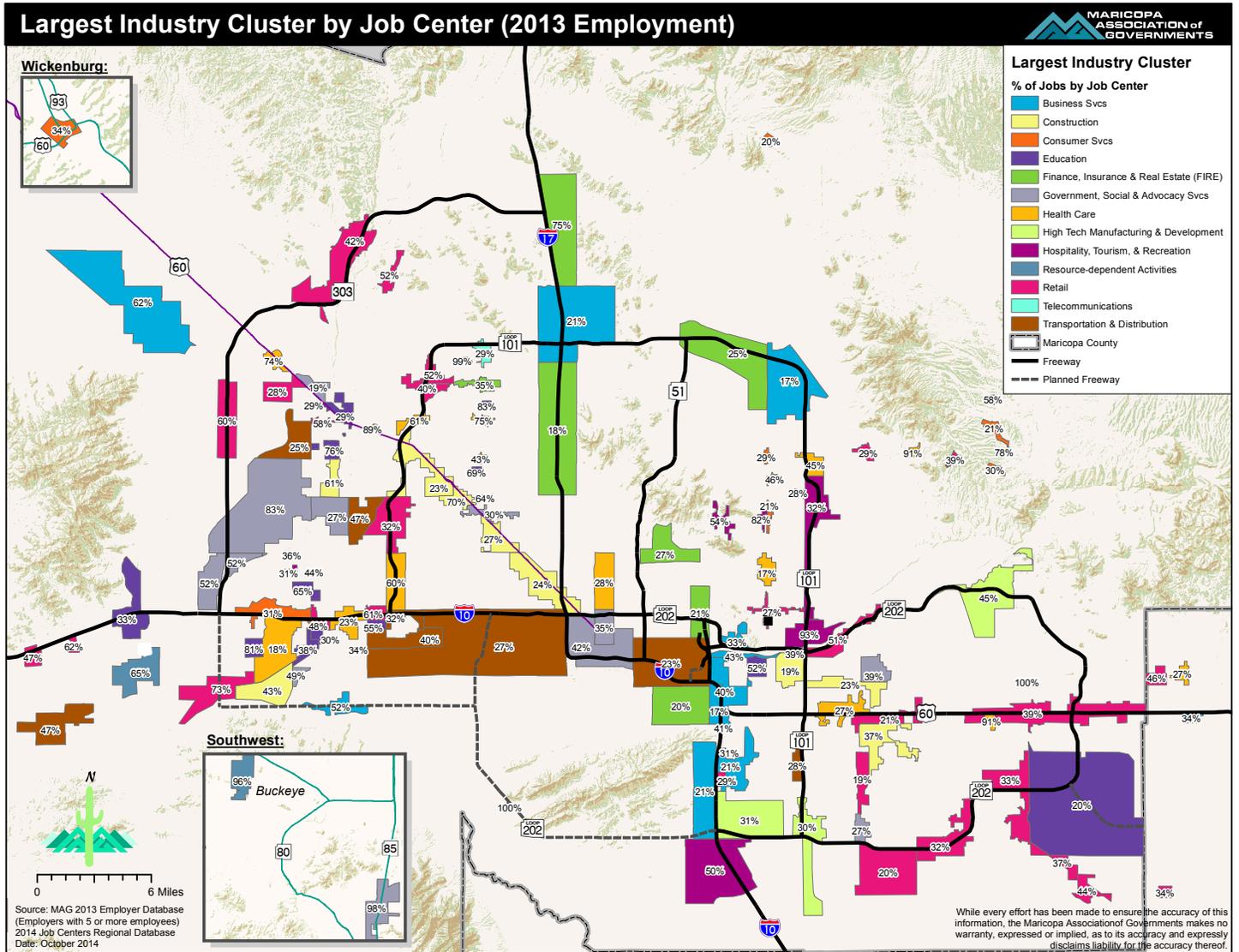


Current job centers vary based on their industry mix. There are 115 job centers that are primarily service-oriented, meaning that at least 33 percent of their employment comes from service industry clusters such as consumer services, retail, or health care. Four job centers are primarily production-oriented, meaning that at least 33 percent of their employment comes from production clusters such as consumer goods

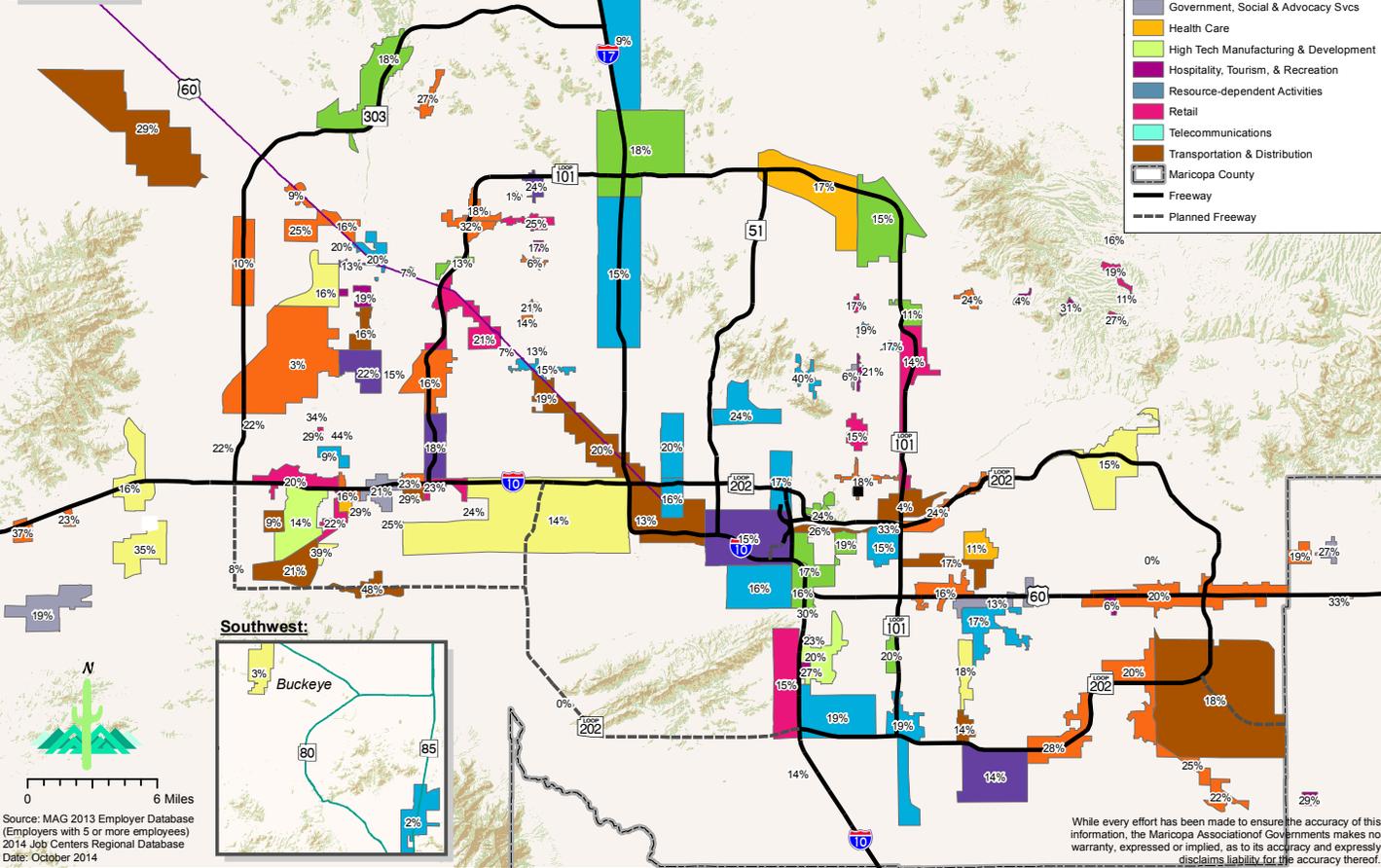
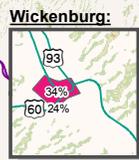


manufacturing, non-metallic manufacturing, or transportation and distribution. Some job centers are so specialized they are characterized by a single employer. There are 43 job centers that have an anchor employer responsible for at least 33 percent of jobs, while the remaining 92 job centers have a more diversified group of employers.

The following two maps (page 7 and page 8) display the largest industry cluster and the second largest industry cluster for each job center as well as the cluster's percentage of total jobs within the center.



Second Largest Industry Cluster by Job Center (2013 Employment)



Source: MAG 2013 Employer Database (Employers with 5 or more employees)
2014 Job Centers Regional Database
Date: October 2014

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.

Resources for Employment Data and Reports

Employment Viewer:

<http://geo.azmag.gov/maps/employment/>

MAG Projections Map Viewer:

<http://geo.azmag.gov/maps/projections2013/>

Regional Data Center (detailed job center information):

<http://datacenter.azmag.gov/>

Building an International Economic Network (BIEN):

<http://www.connectbien.com/>

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