



ARIZONA

Where are the charter school deserts in Arizona?

We detail the distribution of schools in Arizona in order to provide educators and policymakers with information about communities that provide no access to charter schools. Many families lack the financial means to move out of neighborhoods when dissatisfied with their schooling options, so the location of schools is key to ensuring access and equity for all students. Policymakers and parents can use this information to better understand the supply of schooling options in their states and cities—and to press for changes that would improve that supply. Charter operators and authorizers may also find this analysis helpful as they consider where to establish new schools.

What is a charter school desert?

The following maps display where elementary charter schools are located in Arizona. A **charter school desert** is three or more contiguous census tracts that have poverty rates greater than 20 percent but that have no charter schools.

Results

Arizona has 1,809 public elementary schools, of which 389 are charter schools. The state as a whole has a 16.4 percent poverty rate. Arizona has thirteen charter school deserts, representing 11 percent of mid- to high-poverty census tracts,¹ located in the southern, western, and eastern parts of the Tucson metro area, and the southern, eastern and central parts of the Phoenix metro area.

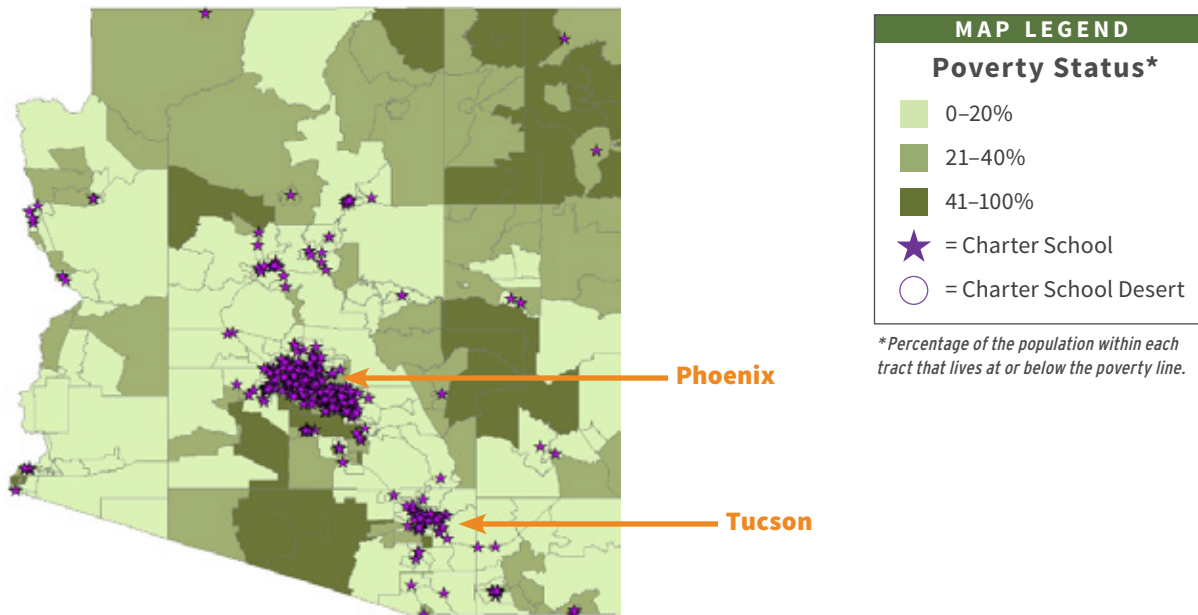
Arizona Charter School Deserts by the Numbers

% of the state population living in poverty.....	16.4%
# of public elementary schools.....	1,809
# of charter schools	389
# of census tracts	1,526
# of charter school deserts.....	13
Approximate proportion of mid- to high-poverty census tracts that charter school deserts comprise	11%

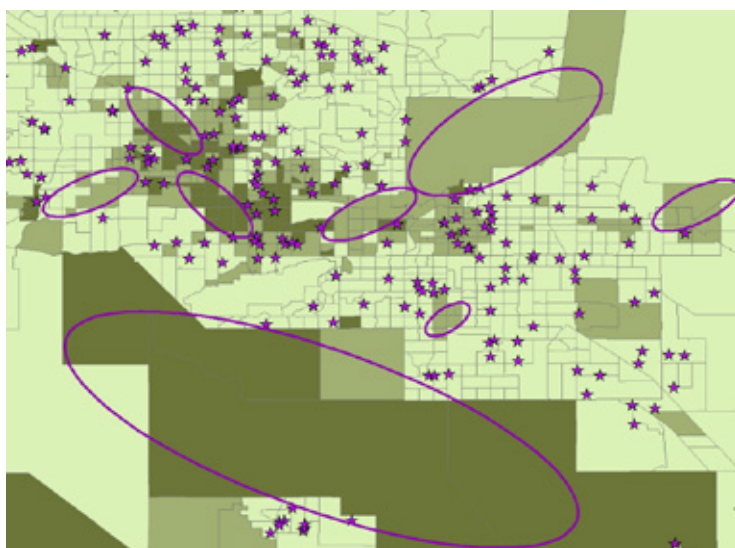
1. Meaning those census tracts in which more than 20 percent of the population lives at or below the poverty line.

Map 1 shows the census tracts and charter schools in Arizona. Darker green highlights indicate areas in which more than 20 percent of the population lives in poverty. The statewide map does not depict any charter school deserts because they are small and appear in the detailed maps that follow.² The charter school deserts in the Phoenix and Tucson areas are depicted in Maps 2 and 3. There are eight charter school deserts in the southern, eastern, and western parts of the Phoenix metro area. There are five charter school deserts in the southern, western, and eastern parts of the Tucson metro area (seen on the next page).

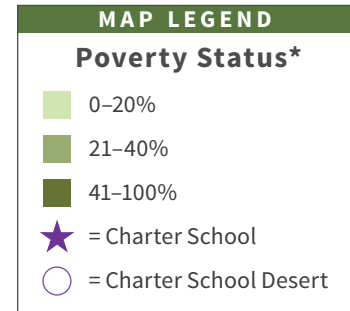
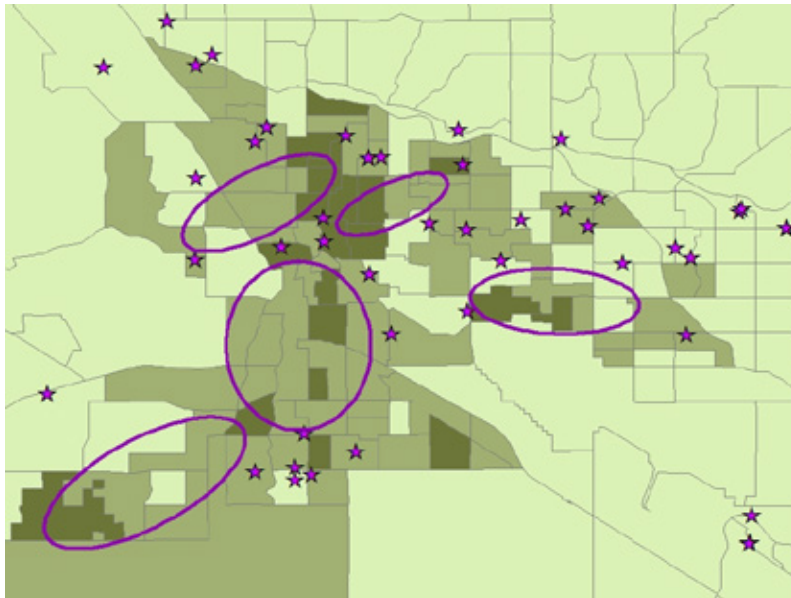
Map 1: Overview of charter school deserts in Arizona



Map 2: Charter school deserts in the Phoenix metro area



2. Due to the necessarily diminished scale on the state map, all charter school deserts do not appear on it, though they are included on the city metro maps.

Map 3: Charter school deserts in the Tucson metro area

**Percentage of the population within each tract that lives at or below the poverty line.*

Five Things to Keep in Mind

Readers should note several points. First, we have not tried to describe, analyze, or infer how state policies may impact the distribution of charter schools in Arizona—simply to show which high-poverty areas lack such schools. Second, although we focus on school locations, location alone is insufficient to ensure that families have viable access to schools. Nearby schools may not be available to families if they’re filled to capacity, if policies prohibit transfer, or if transportation is unavailable. Third, some rural areas may lack charter schools simply because the population is too thin to support them. Fourth, our report does not address school quality, but the companion website allows users to view schools’ math and English language arts proficiency data. Finally, visually identifying charter school deserts is inevitably vulnerable to human error, as they may be identified differently based on how contiguous census tracts are positioned and how “desert circles” are drawn.