

Polling Locations in Arizona and South Carolina: 2016 vs 2020

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Polling locations open in 2016 and 2020

Arizona

Overall, Arizona had 333 open polling locations statewide at the 2016 primary Presidential election (PPE). During the 2020 PPE there were 480 open polling locations. This is a difference of 147 more or a 44.1% increase in polling locations.

South Carolina

Overall, South Carolina had 2179 open polling locations statewide at the 2016 PPE. During the 2020 PPE there were 1968 open polling locations. This is a difference of 211 fewer or a 9.7% decrease in polling locations.

Changes polling locations between 2016 and 2020

Arizona

Between the 2016 and 2020 PPEs, 131 zip codes, or 45.8% of zip codes in Arizona with open polling locations during the 2016 PPE gained polling locations during the 2020 PPE while 34 zip codes, or 11.9%, maintained the same number of polling locations, and 121 zip codes, or 42.3% lost polling locations during the 2020 PPE.

South Carolina

Between the 2016 and 2020 PPEs, 22 zip codes, or 5.8% of zip codes in Arizona with open polling locations during the 2016 PPE gained polling locations during the 2020 PPE while 119 zip codes, or 31.2%, maintained the same number of polling locations, and 240 zip codes, or 63% lost polling locations during the 2020 PPE.

Polling location changes and demographics

Arizona

In those zip codes which gained polling locations ($n = 130$), 1,097,341 people considered themselves Hispanic or Latino, 1,592,077 people considered themselves White, 151,742 people considered themselves Black or African-American, 112,169 people considered themselves American Indian or Alaskan Native, 95,155 people considered themselves Asian, 5,418 people considered themselves Native Hawaiian or Pacific Islander, and 270 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 121$), 332,346 people considered themselves Hispanic or Latino, 789,044 people considered themselves White, 39,413 people considered themselves Black or African-American, 99,629 people considered themselves American Indian or Alaskan Native, 45,800 people considered themselves Asian, 3,149 people considered themselves Native Hawaiian or Pacific Islander, and 205 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 34$), 199,582 people considered themselves Hispanic or Latino, 478,194 people considered themselves White, 34,738 people considered themselves Black or African-American, 27,721 people considered themselves American Indian or Alaskan Native, 21,005 people considered themselves Asian, 1,434 people considered themselves Native Hawaiian or Pacific Islander, and 80 people considered themselves some other race or two or three or more races.

Maricopa County

In those zip codes which gained polling locations ($n = 63$), 885,880 people considered themselves Hispanic or Latino, 1,176,725 people considered themselves White, 143,786 people considered themselves Black or African-American, 45,993 people considered themselves American Indian or Alaskan Native, 86,542 people considered themselves Asian, 4,878 people considered themselves Native Hawaiian or Pacific Islander, and 152 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 28$), 195,125 people considered themselves Hispanic or Latino, 586,852 people considered themselves White, 32,415 people considered themselves Black or African-American, 12,409 people considered themselves American Indian or Alaskan Native, 40,955 people considered themselves Asian, 1,820 people considered themselves Native Hawaiian or Pacific Islander, and 64 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 11$), 87,541 people considered themselves Hispanic or Latino, 206,275 people considered themselves White, 18,429 people considered themselves Black or African-American, 3,037 people considered themselves American Indian or Alaskan Native, 14,071 people considered themselves Asian, 552 people considered themselves Native Hawaiian or Pacific Islander, and 26 people considered themselves some other race or two or three or more races.

South Carolina

In those zip codes which gained polling locations ($n = 22$), 16,765 people considered themselves Hispanic or Latino, 186,367 people considered themselves White, 60,998 people considered themselves Black or African-American, 350 people considered themselves American Indian or Alaskan Native, 2,629 people considered themselves Asian, 73 people considered themselves Native Hawaiian or Pacific Islander, and 47 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 240$), 103,054 people considered themselves Hispanic or Latino, 1,263,585 people considered themselves White, 565,893 people considered themselves Black or African-American, 6,605 people considered themselves American Indian or Alaskan Native, 28,937 people considered themselves Asian, 943 people considered themselves Native Hawaiian or Pacific Islander, and 423 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 118$), 149,663 people considered themselves Hispanic or Latino, 1,670,713 people considered themselves White, 691,940 people considered themselves Black or African-American, 7,071 people considered themselves American Indian or Alaskan Native, 41,640 people considered themselves Asian, 1,644 people considered themselves Native Hawaiian or Pacific Islander, and 226 people considered themselves some other race or two or three or more races.

Richland County

In those zip codes which gained polling locations ($n = 0$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 0 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 5$), 5,713 people considered themselves Hispanic or Latino, 25,577 people considered themselves White, 75,673 people considered themselves Black or African-American, 133 people considered themselves American Indian or Alaskan Native, 2,847 people considered themselves Asian, 200 people considered themselves Native Hawaiian or Pacific Islander, and 9 people considered themselves some other race or two or three or more races.

In those zip codes which maintained polling locations ($n = 9$), 11,540 people considered themselves Hispanic or Latino, 134,046 people considered themselves White, 107,617 people considered themselves Black or African-American, 527 people considered themselves American Indian or Alaskan Native, 7,356 people considered themselves Asian, 223 people considered themselves Native Hawaiian or Pacific Islander, and 25 people considered themselves some other race or two or three or more races.

Polling location changes, demographics, and COVID-19

#FIXME: add COVID ranges

Arizona

In those zip codes with complete COVID-19 data which gained polling locations ($n = 116$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 257 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which maintained polling locations ($n = 91$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 181 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which lost polling locations ($n = 31$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 74 people considered themselves some other race or two or three or more races.

In those zip codes in which COVID-19 data are pending tribal approval and which gained polling locations ($n = 9$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 4 people considered themselves some other race or two or three or more races.

In those zip codes in which COVID-19 data are pending tribal approval and which gained polling locations ($n = 12$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 5 people considered themselves some other race or two or three or more races.

In those zip codes in which COVID-19 data are pending tribal approval and which gained polling locations ($n = 3$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 6 people considered themselves some other race or two or three or more races.

In those zip codes without COVID-19 data which gained polling locations ($n = 5$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 10 people considered themselves some other race or two or three or more races.

In those zip codes without COVID-19 data which maintained polling locations ($n = 18$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people consid-

ered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 19 people considered themselves some other race or two or three or more races.

There were no zip codes without COVID-19 data which lost polling locations between the 2016 and 2020 PPE.

Maricopa County

In those zip codes with complete COVID-19 data which gained polling locations ($n = 63$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 152 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which maintained polling locations ($n = 28$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 64 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which lost polling locations ($n = 11$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 26 people considered themselves some other race or two or three or more races.

In those zip codes without complete COVID-19 data which gained polling locations ($n = 5$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 10 people considered themselves some other race or two or three or more races.

In those zip codes without complete COVID-19 data which maintained polling locations ($n = 18$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 19 people considered themselves some other race or two or three or more races.

There were no zip codes without COVID-19 data in Maricopa which lost polling locations between the 2016 and 2020 PPE.

South Carolina

In those zip codes with complete COVID-19 data which gained polling locations ($n = 22$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 47 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which maintained polling locations ($n = 240$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 423 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which lost polling locations ($n = 118$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people consid-

ered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 226 people considered themselves some other race or two or three or more races.

Richland County

In those zip codes with complete COVID-19 data which gained polling locations ($n = 0$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 0 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which maintained polling locations ($n = 5$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 9 people considered themselves some other race or two or three or more races.

In those zip codes with complete COVID-19 data which lost polling locations ($n = 9$), 0 people considered themselves Hispanic or Latino, 0 people considered themselves White, 0 people considered themselves Black or African-American, 0 people considered themselves American Indian or Alaskan Native, 0 people considered themselves Asian, 0 people considered themselves Native Hawaiian or Pacific Islander, and 25 people considered themselves some other race or two or three or more races.

Methodology

This report examines polling location data from 14 or 93% of the counties in Arizona and 46 or 100% of the counties in South Carolina. Pima County, AZ has not been included since the data come from the Voter Information Project and Pima County does not participate in its activities. Data were reviewed for uniqueness, completeness, and accuracy of information on zip codes, county, and number of polling locations. Polling locations are known to change just before an election so this data should not be viewed as a definitive list of the actual polling locations used on election day.

Demographic data were obtained from the 2014-2018 American Community Survey's B03002 table and groups were categorized as either Hispanic or Latino, and not Hispanic or Latino by specific group: White alone, Black or African American Alone, American Indian and Alaska Native alone, Asian alone, Native Hawaiian and Other Pacific Islander alone, and All other races alone (Including Some other race alone and Two or more races alone).

Zip code and county data were obtained from [unitedstateszipcodes.org](https://www.unitedstateszipcodes.org). While many zip codes map directly to specific counties, the relationship between these two organizational systems is not always 1:1 and is subject to change.

Data on COVID-19 cases in Arizona was obtained from the Arizona Department of Health Services while data on cases in South Carolina was obtained through the New York Times covid-19 repository on GitHub. Data from these sources was combined with demographic and zip code data. Data on COVID-19 cases was only kept for those zip codes for which we also had polling location data and in Arizona, was categorized to denote where data were missing or suppressed pending tribal approval as noted in the original data. Data are current as of as of 25 August, 2020.

Acknowledgements

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