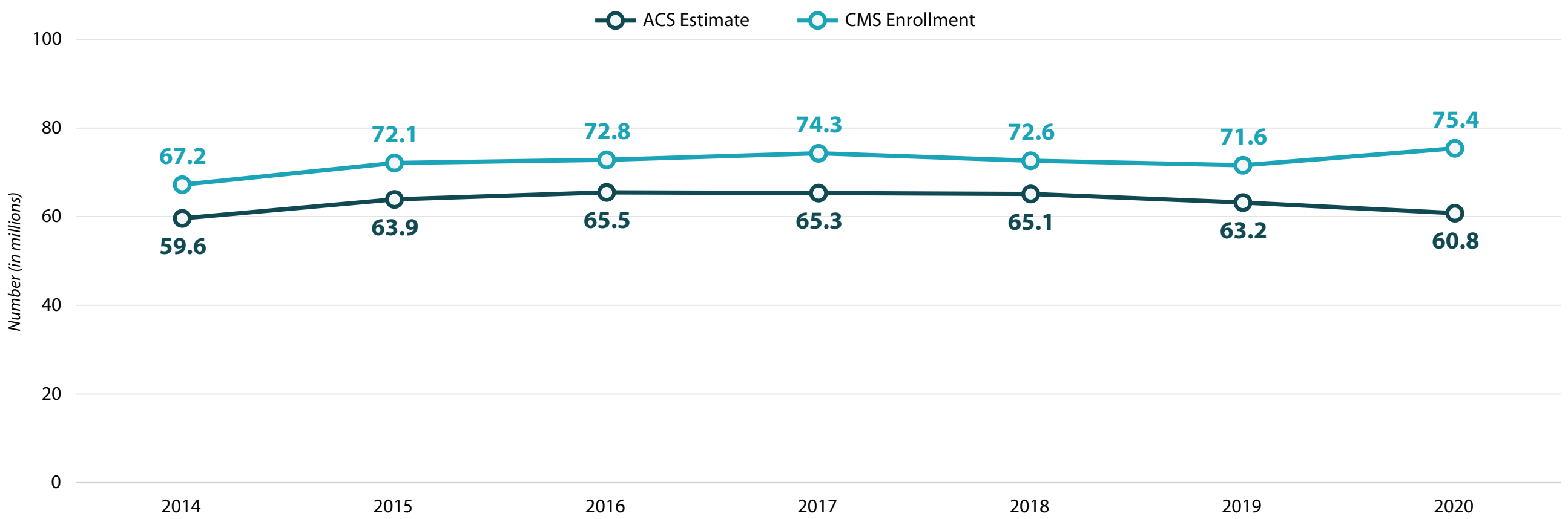


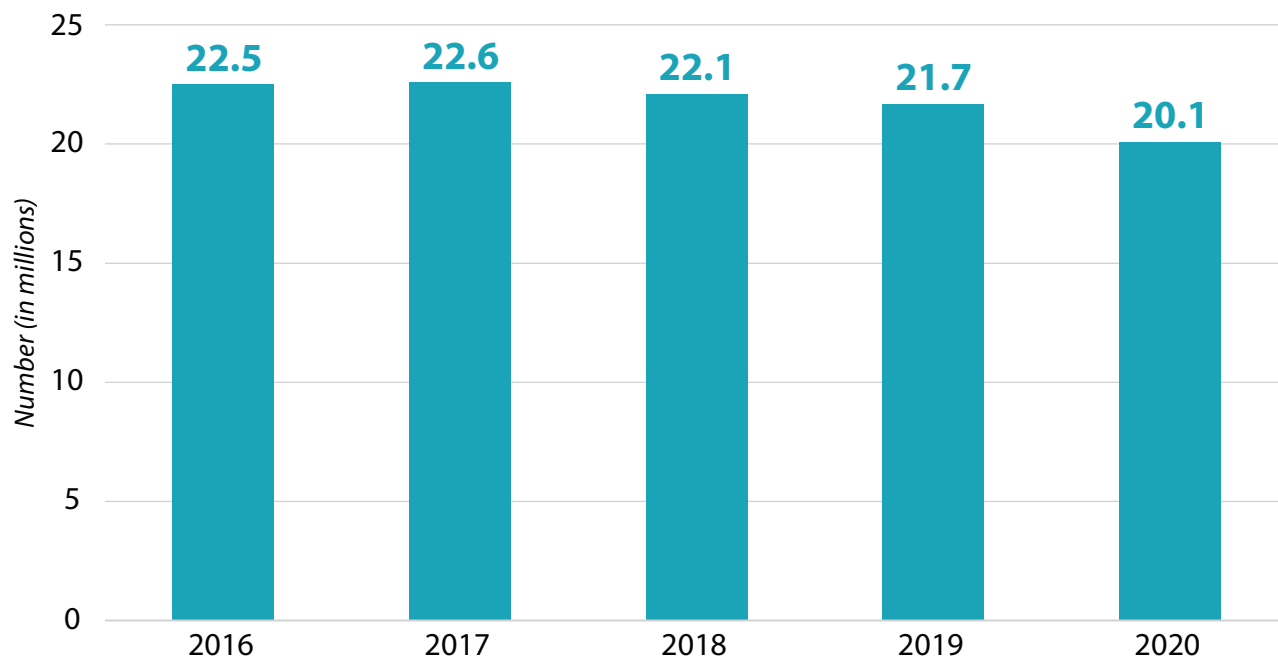
U.S. Census Bureau Analytic Report Shows Significant Non-Response Bias in the 2020 American Community Survey

Figure 1. Medicaid Coverage Estimates from the ACS and CMS: 2014 to 2020



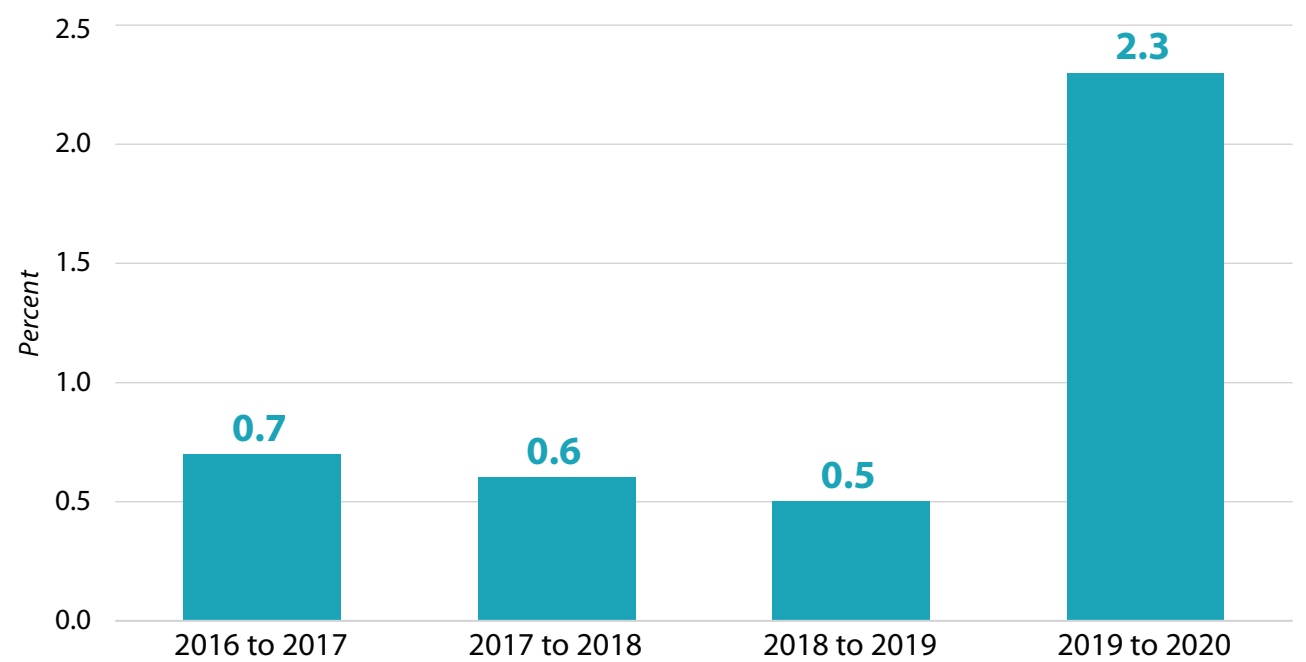
Note: The ACS estimates are for all persons in households. For 2014 to 2017, the CMS estimate is the reported enrollment for July. For 2018, 2019, and 2020, CMS is the average of the 12 months from the monthly report.
Source: Figure 5.4. Medicaid Coverage Estimates from the ACS and the CMS 2014 to 2020. From An Assessment of the COVID-19 Pandemic's Impact on the 2020 ACS 1-Year Data by Mark Asiala, Stephanie Baumgardner, et al. 2021. In the public domain from the U.S. Census Bureau.

Figure 2. Number of Non-Citizens: 2016 to 2020



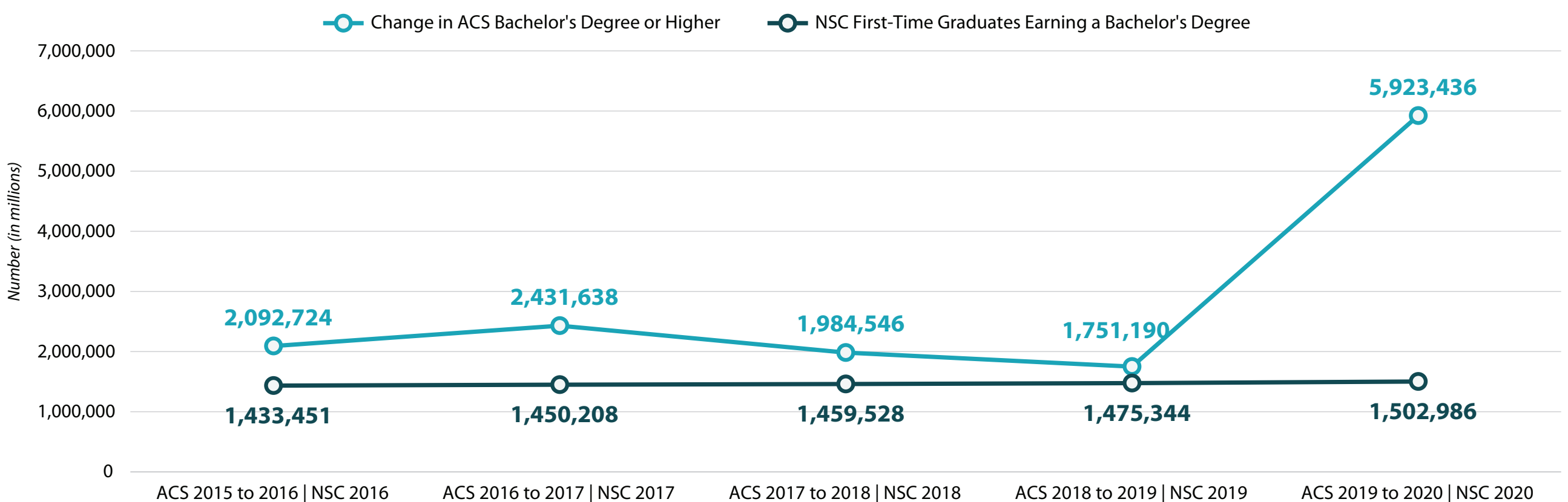
Source: Figure 5.5a. Number of Non-Citizens: 2016 to 2020. From An Assessment of the COVID-19 Pandemic's Impact on the 2020 ACS 1-Year Data by Mark Asiala, Stephanie Baumgardner, et al. 2021. In the public domain from the U.S. Census Bureau.

Figure 3. Change in Percent Bachelor's Degree or Higher (25+): 2016 to 2020



Source: Figure 5.3b. Change in Percent Bachelor's Degree or Higher (25 Years and Over): 2016 to 2020. From An Assessment of the COVID-19 Pandemic's Impact on the 2020 ACS 1-Year Data by Mark Asiala, Stephanie Baumgardner, et al. 2021. In the public domain from the U.S. Census Bureau.

Figure 4. Bachelor's Degree or Higher from the ACS and the First-Time Graduates Earning a Bachelor's Degree from the National Student Clearinghouse (NSC)



Note: These lines represent different concepts. The ACS line shows the difference in the number of people in the U.S. with a bachelor's degree or higher, and accounts for things like bachelor's degrees earned, migration, and death. The National Student Clearinghouse data show the number of the first-time graduates earning a bachelor's degree.
Source: Figure 5.3c. Bachelor's Degree or Higher from the ACS and the First-Time Graduates Earning a Bachelor's Degree from the National Student Clearinghouse. From An Assessment of the COVID-19 Pandemic's Impact on the 2020 ACS 1-Year Data by Mark Asiala, Stephanie Baumgardner, et al. 2021. In the public domain from the U.S. Census Bureau.