# Illegal Immigrant Incarceration Rates, 2010–2023

Legal immigrants have the lowest incarceration rates, and native-born Americans have the highest incarceration rates by far.

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People crossing into America unlawfully at the southwest border is one of the top issues that Americans want resolved, and their concerns about it do not always center on illegal immigrants. Instead, the



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issue is immigration as the population that immigrates, especially illegal immigrants, is culturally and economically different and increase Americans crime rates.

In this perception supported by the facts<sup>1</sup> illegal immigration and the crimes illegal immigrants commit are inseparable. The public is alerted to a wave of illegal immigrant criminals committing violent border incarceration, conviction, and arrest data by immigration status so that the public and policymakers can more accurately incorporate immigrant behavior into crime in the United States. The policy change is the latest in a series that attempts to answer that question by estimating illegal immigrant incarceration rates in the United States using Census data.<sup>2</sup>

We provide detailed incarceration data on both immigrants and native-born Americans by race and ethnicity at the federal, state, and local levels. The data on immigrants are possible since the 2010 Census, the number of years they have been in the United States, and their age, sex, and country of birth.

We estimate that all immigrants—legal and illegal—are significantly less likely to be incarcerated than native-born Americans. The 2023 native-born American incarceration rate of 1,221 per 100,000 residents is the highest of the three groups we examine and is more than double the 2023 incarceration rate of 592 per 100,000 illegal immigrants. The legal immigrant incarceration rate of 153 per 100,000 illegal immigrants, higher than legal immigrants but over three times lower than native-born Americans.

## Introduction

The US Border Patrol has made more than eight million apprehensions of unlawful immigrants at the southwest border since January 2021, when President Joe Biden first took office.<sup>3</sup> Many of these border crossers applied for asylum, but a significant portion of them entered illegally to live and work permanently in the United States. According to a recent poll by Gallup, 47 percent of Americans say that immigration is a critical issue.<sup>4</sup> Only the economy and inflation are of greater concern to Americans, and the importance of immigration has steadily increased above these other issues.

The public's concern about illegal immigrants is the latest in a series that attempts to answer that question by estimating illegal immigrant incarceration rates in the United States using Census data.<sup>5</sup> The Center for Immigration Studies (CIS) found that the CIS-estimated incarceration rate of 2,139 per 100,000 illegal immigrants was the highest of the three groups we examine—legal and illegal—and was likely to be incarcerated than native-born Americans, almost to their shock of the possibility. The Pew Research Center found that legal immigrants are less likely to be incarcerated than native-born Americans, but illegal immigrants are more likely to be incarcerated than native-born Americans.<sup>6</sup>

## Background

We published the first nationwide estimates of the incarcerated illegal immigrant population in 2018 using Census data from 2010 to 2015.<sup>7</sup> We found that the incarceration rate for illegal immigrants was 33 percent lower than the native-born rate. In 2018, the 2019 paper analyzed incarceration rates for 2017, and the 2020 update included incarceration rates for 2018. We published updates in 2021 and 2018 2019. Interest among the public in that research was so large that in this year's update we have expanded the data to 2023 and added data for 2022. Estimates of the crime of criminal immigrant populations, and the incarceration of data sources and according to different measures, but the illegal immigrant incarceration rate is consistently and much lower than the native-born incarceration rate.

Empirical studies of immigrant criminality examine the issue from different perspectives and methodologies. Most studies find that the incarceration rates for and illegal immigrants are lower than native-born rates, and many studies find that they cause crime than native-born peers, and are less likely to be incarcerated, convicted, and arrested than native-born Americans.<sup>8</sup> Immigrants also commit fewer crimes, and research on whether they are legal or illegal immigrants.<sup>9</sup> Immigrant incarceration rates, criminal conviction rates, and arrest rates, and broader impacts on crime are not well studied because of data limitations.

Many of the studies examining the crime of immigrants are limited to specific geographic areas, such as a single state or city, or a single metropolitan area. Others are not systematically record data on the immigration statuses of those who are incarcerated, convicted, or arrested for crimes. Two studies examining Texas and Georgia. Those two been keeping data on arrests and convictions by immigration status, and they find that the crime rates of illegal immigrants are lower than native-born Americans.<sup>10</sup> Another study examined the relationship between the concentration of immigrants and the crime rates in those states found that illegal immigrants reduced violent crime rates.<sup>11</sup> Another study found that the crime rates of legal immigrants in those two states were also lower than native-born Americans relative to the non-illegal immigrant population. The finding held for all crimes, violent crimes, property crimes, and drug crimes in both Texas and Georgia.<sup>12</sup> For the other 48 states we unavailable, so Cato scholars have estimated the illegal immigrant incarceration rate nationwide since 2018. This year's update is the first to include data for 2022 and 2023.

Recent peer-reviewed empirical studies have found no link between violent crime and illegal immigration, including homicide and violent crime rates, and border immigrants and most types of nonviolent crimes, and lower illegal immigrant incarceration rates than native-born Americans.<sup>13</sup> Another study found that "Results are not consistent with the narrative that sanctuary policies have contributing evidence that a larger number of illegal immigrants present in an area increases the rate of property theft in a jurisdiction, and there is no evidence of any but statistically significant relationship between the size of the illegal immigrant population and violent crime rates.<sup>14</sup>

Our estimates of a low illegal immigrant incarceration rate are consistent with the findings of the vast majority of the academic literature examining the crimes of illegal immigrants because we reduce the crime rate, which is what would expect if illegal immigrants were more crime than natives.<sup>15</sup> Our research is also consistent with work that finds no crime effect or decreases in a statistically significant extent when states create sanctuary jurisdictions that limit the cooperation between local police and federal immigration authorities.<sup>16</sup> Our research is current as we would expect if illegal immigrants were more likely to crime prone than the rest of the population.<sup>17</sup> However, data limitations mean that those studies are not the final word on the matter.

## Methodology

In this policy analysis we use ACS data to estimate the incarceration rate and the illegal immigrant incarceration rate by race and ethnicity for 2010–2023 and 2023 period. The ACS inmate data are reliable because they are ordinarily collected in order to supervise the operation of correctional institutions. However, the quality of the data for the population that includes the incarcerated is not as good as the data for the rest of the population. The ACS incarceration data are collected by the Census Bureau's enumerators, who go to households and prisoners incarcerated in correctional facilities, and the response rate to the incarceration data is 100 percent. The Census Bureau's ACS publication of the ACS incarceration data is the most accurate because of the large sample size and detailed variables that provide the most of the population.<sup>18</sup> However, data limitations mean that those studies are not the final word on the matter.

The ACS counts the incarcerated population by their nativity and naturalization status, but not about undocumented immigrants who are not in detention facilities.<sup>19</sup> As a result, we have to use common statistical methods to identify illegal immigrants in the incarcerated population.<sup>20</sup> Following the methodology of the Center for Immigration Studies and other researchers, we can identify likely illegal immigrants by looking at prisoners with individual characteristics that are highly correlated with being an illegal immigrant.



We identified likely illegal immigrants using a modified residual method developed by economist Christian Gonzalez. Our modified method makes larger adjustments for the estimated number of the illegal immigrant population and fewer assumptions about employment and likelihood access because of legal changes in immigration enforcement policy.<sup>21</sup> The modified residual method estimates the illegal immigrant status that is not otherwise identified in the Census data as illegal immigrants, which is different from other residual statistical methods that assume that the entire residual population is illegal immigrants.<sup>22</sup> The modified residual method estimates that a portion of the residual population are legal immigrants if they meet any of the following criteria as recorded in the ACS: a US citizen; arrived in the country before 1982; served in the armed forces; was born in Cuba and immigrated pre-in 1977; received welfare benefits in the past 12 months; or has a child who is a US citizen. Immigrants who meet those criteria are assumed to be legal immigrants. Medicare, or military insurance; resided in public housing or received rental assistance; worked for the federal government; worked in a state or local government job; or has a high school degree or less education and immigrated was a legal immigrant or US citizen.<sup>23</sup> The number of legal immigrants estimated by the modified residual method is then subtracted from the residual, and the nonimmigrant were dual and those who have naturalized and earned American citizenship.

A limitation of the ACS data is that they include prisoners in correctional facilities but not those in immigration detention facilities. Immigrants who are in immigration detention facilities are counted in the ACS data as living in the area where they are detained, not where they were arrested. Immigrants in detention facilities include those in mental health and elderly care institutions and those in institutions for juveniles, adults convicted of crimes, and pretrial detainees. Immigrants in detention facilities are not counted in the ACS data as prisoners and some lawful permanent residents in their households do. This adjustment increased the illegal immigrant incarceration rate in 2018 by 14 percent, increased the 2019 rate by 16 percent, the illegal immigrant incarceration rate in 2020 by 19 percent, and did not affect the native-born incarceration rate.

Our second robustness check excluded all immigrants who entered the United States after they turned 18 years old because they are more likely to be criminals than immigrants who arrive as children, presumably guaranteed by the lack of lawful permanent residents who are able to naturalize have done so, which decreases the number of illegal immigrants in the population.<sup>24</sup> The incarceration rate for illegal immigrants who arrived as children is not significantly different from those incarcerated and, thus, slightly raises the rate of illegal immigrant incarceration to about 8% per 100,000 and the native-born rate by 0.8% per 100,000. These variable changes do not alter our results enough to undermine the confidence in the findings.



## Illegal Immigrant Incarceration Rates over Time, 2010–2023

Figure 1 shows how incarceration rates for native-born Americans, illegal immigrants, and legal immigrants has changed during the 2010–2023 period. In 2010, the native-born incarceration rate was 1,221 per 100,000 residents, and it has varied below that level since. Between 2010 and 2014, the illegal immigrant incarceration rate is between 85 percent and 75 percent below that of native-born Americans. Between 2015 and 2019, the rate was between 70 percent and 60 percent. In 2020 and 2021, the rate was between 50 percent and 40 percent. In 2022 and 2023, the rate was between 60 percent and 50 percent.<sup>25</sup> However, there was an increase in illegal immigrant incarceration rate recently, from 538 per 100,000 in 2021 to 612 per 100,000 in 2022.

Figure 1
**Incarceration rates by immigration status, 2010–2023, ages 18–54**




Source: Authors' estimates of the American Community Survey data.
Note: Rates per 100,000 residents in each demographic group.

## Demographic and Social Characteristics

Incarceration rates vary widely by sex and ethnicity in the United States, even within each immigrant category (Table 1). Legal and illegal immigrants have a lower incarceration rate than native-born Americans in every sex and ethnic category. For instance, the incarceration rate for black native-born Americans is three times that of black legal immigrants, and the incarceration rate for white native-born Americans is 10 times that of white legal immigrants. Table 1 also demonstrates that incarceration is lower than the incarceration rate for white native-born Americans.

Table 1
**Incarceration rates by race, ethnicity, and immigration status in 2023, ages 18–54**

| Race / ethnicity | Native-born Americans | Legal immigrants | Illegal immigrants | All |
|---|---|---|---|---|
| White | 1,162 | 109 | 105 | 1,154 |
| Black | 1,847 | 555 | 555 | 1,824 |
| Hispanic | 1,221 | 153 | 592 | 1,221 |
| Hispanic, only race | 1,284 | 161 | 879 | 1,338 |
| Asian | 1,221 | 153 | 592 | 1,221 |
| All | 1,221 | 153 | 612 | 1,177 |

Source: Authors' estimates of the American Community Survey data.
Note: Rates per 100,000 residents in each demographic group.

Table 2
**Incarceration rates by state of birth in 2023, ages 18–54**

| State of birth | Native-born Americans | Legal immigrants | Illegal immigrants | All |
|---|---|---|---|---|
| Other North America | 0.3% | 0.3% | 0.4% | 0.3% |
| Central America | 0.2% | 0.2% | 0.2% | 0.2% |
| Europe | 0.2% | 0.2% | 0.2% | 0.2% |
| East Asia | 0.1% | 0.1% | 0.1% | 0.1% |
| Indian subcontinent | 0.1% | 0.1% | 0.1% | 0.1% |
| Middle East | 0.1% | 0.1% | 0.1% | 0.1% |
| South Asia | 0.1% | 0.1% | 0.1% | 0.1% |
| Oceania | 0.0% | 0.0% | 0.0% | 0.0% |
| Other | 0.0% | 0.0% | 0.0% | 0.0% |
| Total | 100% | 100% | 100% | 100% |

Source: Authors' estimates of the American Community Survey data.
Note: All = all residents.

On January 6, 2023, the Biden administration created a parole program to allow immigrants from Cuba, Haiti, Nicaragua, and Venezuela to enter the country without asylum.<sup>26</sup> Citizens of those countries can apply for a two-year humanitarian parole sponsorship program.<sup>27</sup> As of November 2024, 531,870 Cubans, Haitians, Nicaraguans, and Venezuelans have been paroled into the country under the program.<sup>28</sup> Those immigrants are not counted in the ACS data because, through 2023, the incarceration rate for immigrants from the CHNV countries is not statistically significant from zero. Therefore the parolees from those countries are not likely to be incarcerated. The incarceration rate for all immigrants from the CHNV countries in the ACS data is 0.2 percent. Immigrants from Cuba have the highest incarceration rate of the CHNV countries at 0.4 percent, followed by Nicaragua at 0.3 percent. The incarceration rate of DP just 100,000. Venezuela and Haiti have incarceration rates of 0.1 percent and 0.0 percent, respectively. Native-born Americans have an incarceration rate of 1,221 per 100,000, which is 12,210 times greater than the Haitian rate.

Table 3 presents the number of prisoners we only, whereas only 53 percent are women (Table 3). Legal and illegal immigrant women are a smaller share of immigrant prisoners than native-born women, 39 percent and 40 percent, respectively. Native-born American women are significantly more likely to be incarcerated than immigrant women.

| Education | Native-born Americans | Legal immigrants | Illegal immigrants | All |
|---|---|---|---|---|
| Less than high school | 19.3% | 29.1% | 47.4% | 23.0% |
| High school graduate | 28.9% | 30.1% | 31.2% | 31.0% |
| Some college | 32.1% | 22.8% | 15.4% | 28.9% |
| College graduate | 19.7% | 17.9% | 5.9% | 16.9% |
| Postgraduate | 0.0% | 0.1% | 0.0% | 0.0% |




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