New Data, New Tools

Estimating the Number and Characteristics of Unauthorized Residents in the U.S.
The Center for Migration Studies of New York (CMS) is an educational institute/think tank devoted to the study of international migration, to the promotion of understanding between immigrants and receiving communities, and to public policies that safeguard the dignity and rights of migrants, refugees and newcomers.
The Center for Migration Studies (CMS) offers an innovative database that provides estimates on the size and detailed information on the characteristics of the unauthorized population in the United States at the national, state, and sub-state levels.

The purpose of this project is to make the information readily available to a wide variety of users across the country.
http://cmsny.org/
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Indiana University, Kelley School of Business, Indiana Business Research Center
Q&A Session

Enter questions in the Adobe Connect chat box
or
Email questions to cms@cmsny.org
How the Estimates were Derived

Statistical Method Using ACS PUMS
19.9 million noncitizens entered after 1981

- Legal: 9,050 (45%)
- Unauthorized: 10,850 (55%)
Non-citizens in American Community Survey Assigned Legal Status

- Entered the U.S. before 1982 (IRCA)
- Legal non-immigrants (students, temporary workers, others, and their families)
- Selected immediate relatives of adult U.S. citizens
- Recipients of Social Security, Medicare or Medicaid (with certain exceptions)
- From ‘refugee’ countries
- Government workers
- In the Armed Force (or employed by)
- Veterans
- Work in ‘legal’ occupations
Selected ‘Legal’ Occupations

• Education administrators
• Funeral directors
• Lawyers
• Judges
• Chiropractors
• Dentists
• Optometrists
• Pharmacists
• Physicians

• Health diagnosing practitioners
• Correctional officers
• Police
• Firefighters
• Detectives
• Postal clerks
• Mail carriers
• Building inspectors
• Pilots
• Flight engineers
• Air traffic controllers
12.6 million remain after 7.3 million logical edits

- Unauthorized: 10,850 (86%)
- Legal: 1,750 (14%)
<table>
<thead>
<tr>
<th>State</th>
<th>Estimated population</th>
<th>Number eligible for DAPA</th>
<th>Number eligible for DACA</th>
<th>Pet. entered before 2000</th>
<th>Percent</th>
<th>Percent 21-64</th>
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<td>85%</td>
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<td>83%</td>
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<td>7,200</td>
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<td>83%</td>
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<tr>
<td>Delaware</td>
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<tr>
<td>Mississippi</td>
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<td>6,900</td>
<td>900</td>
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<td>59%</td>
<td>82%</td>
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<tr>
<td>D.C.</td>
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<td>3,300</td>
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<td>91%</td>
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<tr>
<td>All other</td>
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<td>1,020</td>
<td>3,400</td>
<td>27%</td>
<td>59%</td>
<td>83%</td>
</tr>
</tbody>
</table>

Source: Center for Migration Studies.


Retrieving the Data

Web tools make it easy
Demonstration

http://data.cmsny.org
Map-based selection, easy-to-view and download reports

• Getting the information you need is simple – just double-click on an area on the map and your results will appear.

• Even better, if you click (or click and drag for wide swaths) on multiple locations, the tool will aggregate the results for those multiple states or PUMAs, which are a localized geography from the Census Bureau that allow for these types of special tabulations.

• Save/download your selections in Excel or Word.
The State Data Tool

- To obtain the national estimates, do not click on any state.
- To obtain state estimates, click on the specific state or states.
- If you select multiple states, the tool will aggregate those states (sum them together), so that you can use the tool to regionalize. For example, you can select all states that share a border with Canada or Mexico.
- To reset, just click on Clear (which will keep the zoom) or Full Map to see the whole country.
The PUMA Data Tool

• Zoom in on sub-state areas of the country by double-clicking or scrolling on an area of interest to you

• Or, type in a city or county to zoom into the approximate area

• You can click and drag across the map to quickly select multiple areas and double-click on a spot anywhere on the map to zoom in

• To reset, just click on Clear (that will keep the zoom) or Full Map to see the whole country

PDF versions of PUMA maps are available on the Census Bureau Geography web site.
Example of zooming into an area of the country by typing in the name of a city or county

• In this example, we typed in New York, chose from the autofill list New York city, NY and it zoomed to that area

• Note that NYC is comprised of dozens of PUMA areas – localized areas with a minimum population of 100K.
Saving Your Data

• Save your results to either an Excel or Word file.
• Just click on either the Excel or Word icon and the file will automatically download.
• Save the downloaded file to your local computer.

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Continent/Region of Origin</th>
<th>Top 25 Countries</th>
<th>Time Period of Entry</th>
<th>Years in the U.S.</th>
<th>Entered Prior to 2010</th>
<th>Language Spoken at Home</th>
<th>Ability to Speak English</th>
<th>School Enrollment</th>
<th>Education</th>
<th>Marital Status</th>
<th>Age / Sex</th>
<th>Race by Ethnicity</th>
<th>Poverty Status</th>
<th>Employment Status</th>
<th>Occupation</th>
<th>Health Insurance</th>
</tr>
</thead>
</table>
Q&A Session

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Email questions to cms@cmsny.org
Additional Information

Center for Migration Studies
• The American Community Survey (ACS) is an annual statistical survey covering approximately one percent of the total U.S. population. The survey provides detailed social and economic data for all states, as well as all cities, counties, metropolitan areas, and population groups of 100,000 people or more.

• The term “logical edit” refers to the process of determining probable legal status by examining survey data. Respondents were assigned to the legal category if they worked in occupations that generally require legal status, were legal temporary migrants, were immediate relatives of U.S. citizens, received public benefits, were from countries where most arrivals would be refugees or were age 60 or older at entry.
• Public Use Microdata Sample Areas (PUMAs) are a specialized geography created by the U.S. Census Bureau in partnership with states to create areas that have a minimum of 100,000 population so that microdata samples can be used to create user-defined data sets.

• While these are quite useful, users need to know that the geography of the PUMA will not “match” an existing city or county necessarily.

• There are descriptive names of the PUMA that appear as you hover over the area and these describe the general boundaries for that PUMA that can help the user

• Although these PUMA labels can help users identify areas, we also recommend that users learn more at the following links to the Integrated Public Use Microdata Series (IPUMS) at the Minnesota Population Center of the University of Minnesota:
  • The mapped geography: https://usa.ipums.org/usa/volii/pumas10.shtml
  • The IPUMS website: https://usa.ipums.org/usa/
Privacy Notice

Privacy of Respondents
A number of procedures were used by the US Census Bureau to ensure privacy in the ACS public use data. In addition, the estimates are based on an approximately one percent sample; they are shown in relatively broad categories; and estimates are not shown for countries that have fewer than 1,000 estimated unauthorized residents.

These estimates are based on sample data and are subject to sampling variability as well as other possible non-sampling errors. A number of statistical adjustments were made to the actual ACS PUMS sample data, including an adjustment for undercount of the unauthorized in the ACS. For these reasons, the estimates shown here are not comparable to the original ACS data. Because of the adjustment for undercount, in a few cases, the estimates of unauthorized residents may be near or even slightly higher than the number of noncitizens reported in the ACS. Finally, estimates of less than a few thousand should be used with caution.