Paths to Citizenship:
Data on the eligible-to-naturalize populations in the U.S.
PATHS TO CITIZENSHIP:
UNDERSTANDING WHO IS LIKELY TO NATURALIZE

Manuel Pastor, Thai V. Le, Justin Scoggins
THE PROBABILITY OF NATURALIZATION

Why do the analysis?

- Fostering citizenship is a public good for both economy & civic engagement
- The likelihood of naturalization varies widely across the eligible
- Understanding who is more and less likely to naturalize – and where they live – can help best allocate limited resources

http://dornsife.usc.edu/CSII
RESEARCH QUESTIONS

• What factors influence an individual’s probability of naturalizing?

• Who are those with low, medium, and high probabilities of naturalizing?

• Where are those that are least or most likely to naturalize located?
Methodology:

- Applied our previous methodology of estimating the eligible to naturalize to new datasets:
  
  - New estimates show the undocumented have been in the U.S. longer (~62% for at least 10 years), which squares expectations.
DEFINING THE ELIGIBLE TO NATURALIZE

Methodology:

- Develop a probability model (logistic regression) to estimate the probability of naturalizing in the next 2-3 years (flow analysis)

- Create three groups of eligible-to-naturalize adults by probability:
  - Low probability (need a lot of support)
  - Medium probability (need some support/motivation)
  - High probability (the “do it yourself” group—more likely but a nudge could help expedite)
Results

Factors influencing probabilities of naturalization
What factors influence an individual’s probability of naturalizing?

- Male, age, and being married to non-citizens are negatively associated with odds of naturalization.
- Latinx are the least likely to naturalize.
- Having a family member who is an undocumented immigrant is a strong predictor deterring naturalization.
- Higher human capital is associated with increased odds of naturalization.

<table>
<thead>
<tr>
<th>Individual-level Variables</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td></td>
</tr>
<tr>
<td>Age at arrival</td>
<td></td>
</tr>
<tr>
<td>Years of Eligibility</td>
<td></td>
</tr>
<tr>
<td>Married to non-US citizen</td>
<td></td>
</tr>
<tr>
<td>Married to US citizen</td>
<td></td>
</tr>
<tr>
<td>Number of children</td>
<td></td>
</tr>
<tr>
<td>Undocumented family member</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>Latinx</td>
<td></td>
</tr>
<tr>
<td>Asian Pacific Islander</td>
<td></td>
</tr>
<tr>
<td>Other race</td>
<td></td>
</tr>
<tr>
<td>Homeownership</td>
<td></td>
</tr>
<tr>
<td>Employment</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td></td>
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<tr>
<td>English speaking abilities</td>
<td></td>
</tr>
</tbody>
</table>
Impact on **odds** of naturalization, demographics

Here we see impacts on the “odds” of naturalizing. For example, males have 11.5 **percent** lower odds to naturalize than females.
FACTORS INFLUENCING NATURALIZATION

Impact on odds of naturalization, education attainment
(compared to less than a high school degree)

- High School Degree: 0.7%
- Some College: 34.8%
- Bachelors Degree: 32.3%
- Greater than a Bachelors Degree: 3.2%

http://dornsife.usc.edu/CSII
What factors influence an individual’s probability of naturalizing?

- Eligible LPRs from countries that are further, from a traditional refugee-sending country, and allow dual citizenship have **higher odds of naturalizing**

- Eligible LPRs living in places that have a larger immigrant population, higher unemployment rate, and is more left-leaning have **higher odds of naturalizing**

<table>
<thead>
<tr>
<th>Regional – level variables</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual citizenship is allowed</td>
<td>+</td>
</tr>
<tr>
<td>Distance</td>
<td>+</td>
</tr>
<tr>
<td>TPS status</td>
<td>-</td>
</tr>
<tr>
<td>Refugee sending</td>
<td>+</td>
</tr>
<tr>
<td>GDP Per Capita PPP</td>
<td>-</td>
</tr>
<tr>
<td>Percent immigrant in PUMA</td>
<td>+</td>
</tr>
<tr>
<td>Unemployment rate in metro</td>
<td>+</td>
</tr>
<tr>
<td>Political climate of state</td>
<td>+</td>
</tr>
</tbody>
</table>
FACTORS INFLUENCING NATURALIZATION

Impact on odds of naturalization, host characteristics*

- Percent of Immigrant Population in PUMA (increase of 10 percentage points) - 6.6%
- Unemployment Rate in metropolitan area (increase of 1 percentage point) - 1.4%
- Resides in a Blue State - 15.4%

*Estimates are from model that excludes country-of-origin and state of residence controls.
What factors influence an individual’s probability of naturalizing?

- Much of the decision to naturalize is determined by individual, country-of-origin, and host characteristics.

- After controlling for these factors, we can derive a predicted probability of naturalization by state, and compare it to the actual probability of naturalization (i.e. state-level naturalization rate).

<table>
<thead>
<tr>
<th>States Doing Better than Expected, Top 10</th>
<th>States Doing Worse than Expected, Bottom 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wyoming (+2.5%)</td>
<td>District of Columbia (-3.1%)</td>
</tr>
<tr>
<td>Florida (+2.2%)</td>
<td>South Dakota (-3.2%)</td>
</tr>
<tr>
<td>Maine (+2.1%)</td>
<td>Iowa (-3.2%)</td>
</tr>
<tr>
<td>Nevada (+2.0%)</td>
<td>Alabama (-3.4%)</td>
</tr>
<tr>
<td>Utah (+1.8%)</td>
<td>Delaware (-3.6%)</td>
</tr>
<tr>
<td>Virginia (+1.7%)</td>
<td>Mississippi (-4.7%)</td>
</tr>
<tr>
<td>Washington (+1.6%)</td>
<td>Louisiana (-5.0%)</td>
</tr>
<tr>
<td>New Jersey (+1.3%)</td>
<td>West Virginia (-5.6%)</td>
</tr>
<tr>
<td>Kentucky (+1.3%)</td>
<td>Alaska (-6.4%)</td>
</tr>
<tr>
<td>Rhode Island (+1.2%)</td>
<td>Montana (-7.7%)</td>
</tr>
</tbody>
</table>
FACTORS INFLUENCING NATURALIZATION

State Impacts on Naturalization: States Doing Better or Worse than Expected on Naturalization, Controlling for Other Factors

Naturalization performance
- Better than expected
- About the same
- Worse than expected
Results

Identifying groups of eligible-to-naturalize adults
Who are those with low, medium, and high probabilities of naturalizing?

- **Low probability of naturalization**
  - Less than 9.7%

- **Medium probability of naturalization**
  - 9.7% to 21.7%

- **High probability of naturalization**
  - More than 21.7%
How many eligible-to-naturalize adults have low, medium, or high probabilities of naturalization?

- Low probability of naturalization: 3.4M (40%)
- Medium probability of naturalization: 3.0M (35%)
- High probability of naturalization: 2.1M (25%)
### Probabilities of Naturalization

#### Age by Probability of Naturalization

<table>
<thead>
<tr>
<th>Probability Level</th>
<th>18 to 24</th>
<th>25 to 34</th>
<th>35 to 54</th>
<th>55 to 64</th>
<th>65 and up</th>
</tr>
</thead>
<tbody>
<tr>
<td>High probability</td>
<td>6%</td>
<td>15%</td>
<td>51%</td>
<td>16%</td>
<td>12%</td>
</tr>
<tr>
<td>Low probability</td>
<td>7%</td>
<td>46%</td>
<td>22%</td>
<td>23%</td>
<td></td>
</tr>
<tr>
<td>All eligible-to-</td>
<td>5%</td>
<td>14%</td>
<td>49%</td>
<td>17%</td>
<td>15%</td>
</tr>
</tbody>
</table>

#### Sources

- USC Dornsife Center for the Study of Immigrant Integration

[Visit the USC Dornsife website for more information](http://dornsife.usc.edu/CSII)
PROBABILITIES OF NATURALIZATION

Race by probability of naturalization

1. High probability of naturalization
   - White: 18%
   - Black: 17%
   - Latinx: 29%
   - Asian Pacific Islander: 34%
   - Other: 7%

2. Medium probability of naturalization
   - White: 19%
   - Black: 6%
   - Latinx: 53%
   - Asian Pacific Islander: 21%
   - Other: 1%

3. Low probability of naturalization
   - White: 17%
   - Black: 1%
   - Latinx: 71%
   - Asian Pacific Islander: 11%
   - Other: 1%

4. All eligible-to-naturalize adults
   - White: 18%
   - Black: 7%
   - Latinx: 54%
   - Asian Pacific Islander: 20%
   - Other: 1%
Poverty status by probability of naturalization

<table>
<thead>
<tr>
<th>Probability of Naturalization</th>
<th>Below 50% FPL</th>
<th>50-99% FPL</th>
<th>100-149% FPL</th>
<th>150-199% FPL</th>
<th>200% and above FPL</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>69%</td>
<td>10%</td>
<td>9%</td>
<td>7%</td>
<td>5%</td>
</tr>
<tr>
<td>Medium</td>
<td>60%</td>
<td>12%</td>
<td>12%</td>
<td>10%</td>
<td>6%</td>
</tr>
<tr>
<td>Low</td>
<td>46%</td>
<td>15%</td>
<td>17%</td>
<td>15%</td>
<td>7%</td>
</tr>
<tr>
<td>All eligible-to-naturalize adults</td>
<td>57%</td>
<td>12%</td>
<td>13%</td>
<td>11%</td>
<td>6%</td>
</tr>
</tbody>
</table>
### Probabilities of Naturalization

#### Educational attainment by probability of naturalization

<table>
<thead>
<tr>
<th>Educational Attainment</th>
<th>High Probability of Naturalization</th>
<th>Medium Probability of Naturalization</th>
<th>Low Probability of Naturalization</th>
<th>All Eligible-to-Naturalize Adults</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than a high school degree</td>
<td>12%</td>
<td>29%</td>
<td>54%</td>
<td>34%</td>
</tr>
<tr>
<td>High school degree only</td>
<td>21%</td>
<td>29%</td>
<td>26%</td>
<td>26%</td>
</tr>
<tr>
<td>Some college</td>
<td>23%</td>
<td>18%</td>
<td>9%</td>
<td>17%</td>
</tr>
<tr>
<td>Bachelors degree only</td>
<td>15%</td>
<td>13%</td>
<td>6%</td>
<td>13%</td>
</tr>
<tr>
<td>Degrees above a bachelors</td>
<td></td>
<td></td>
<td>5%</td>
<td>10%</td>
</tr>
</tbody>
</table>
PROBABILITIES OF NATURALIZATION

English speaking ability by probability of naturalization

High probability of naturalization
- Not at all: 10%
- Not well: 24%
- Well: 49%
- Very well: 22%
- English Only: 15%

Medium probability of naturalization
- Not at all: 7%
- Not well: 22%
- Well: 22%
- Very well: 30%
- English Only: 18%

Low probability of naturalization
- Not at all: 29%
- Not well: 31%
- Well: 15%
- Very well: 12%
- English Only: 14%

All eligible-to-naturalize adults
- Not at all: 14%
- Not well: 23%
- Well: 20%
- Very well: 28%
- English Only: 15%
Results

Comparing with NAC-Assisted Numbers
PROBABILITIES OF NATURALIZATION

Age by probability of naturalization and NAC statistics

NAC
- 18 to 24: 9% 15% 42% 19% 14%
- 25 to 34: 15% 24% 49% 11% 6%
- 35 to 54: 6% 15% 51% 16% 12%
- 55 to 64: 7% 46% 22% 23%
- 65 and up: 5% 14% 49% 17% 15%

High probability of naturalization
- 18 to 24: 9% 24% 49% 11% 6%
- 25 to 34: 6% 15% 51% 16% 12%
- 35 to 54: 7% 46% 22% 23%
- 55 to 64: 5% 14% 49% 17% 15%
- 65 and up: 9% 15% 42% 19% 14%

Medium probability of naturalization
- 18 to 24: 6% 15% 51% 16% 12%
- 25 to 34: 7% 46% 22% 23%
- 35 to 54: 5% 14% 49% 17% 15%
- 55 to 64: 9% 15% 42% 19% 14%
- 65 and up: 9% 15% 42% 19% 14%

Low probability of naturalization
- 18 to 24: 7% 46% 22% 23%
- 25 to 34: 5% 14% 49% 17% 15%
- 35 to 54: 9% 15% 42% 19% 14%
- 55 to 64: 6% 15% 49% 17% 15%
- 65 and up: 9% 15% 42% 19% 14%

All eligible-to-naturalize adults
- 18 to 24: 5% 14% 49% 17% 15%
- 25 to 34: 6% 15% 49% 17% 15%
- 35 to 54: 9% 15% 42% 19% 14%
- 55 to 64: 5% 14% 49% 17% 15%
- 65 and up: 9% 15% 42% 19% 14%
### Probabilities of Naturalization

<table>
<thead>
<tr>
<th>Region of Origin</th>
<th>Low Probability of Naturalization</th>
<th>Medium Probability of Naturalization</th>
<th>High Probability of Naturalization</th>
<th>All Eligible-to-Naturalize Adults</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>4%</td>
<td>22%</td>
<td>10%</td>
<td>4%</td>
</tr>
<tr>
<td>Asia</td>
<td>30%</td>
<td>13%</td>
<td>39%</td>
<td>24%</td>
</tr>
<tr>
<td>Europe</td>
<td>2%</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>North America</td>
<td>54%</td>
<td>56%</td>
<td>29%</td>
<td>39%</td>
</tr>
<tr>
<td>Oceania</td>
<td>10%</td>
<td>7%</td>
<td>54%</td>
<td>30%</td>
</tr>
<tr>
<td>South America</td>
<td>12%</td>
<td>7%</td>
<td>7%</td>
<td>12%</td>
</tr>
</tbody>
</table>

**Region of origin by probability of naturalization and NAC statistics**

- NAC: 4% Africa, 30% Asia, 22% Oceania
- High probability of naturalization: 10% Africa, 39% Asia, 10% Oceania
- Medium probability of naturalization: 22% Africa, 13% Asia, 56% North America
- Low probability of naturalization: 10% Africa, 12% Asia, 74% North America
- All eligible-to-naturalize adults: 4% Africa, 24% Asia, 12% North America

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http://dornsife.usc.edu/CSI
PROBABILITIES OF NATURALIZATION

* Approximately 7% of NAC numbers were excluded due to general label of “other” including “Other: Asia” and “Other: North America”
Gender by probability of naturalization and NAC statistics

- **NAC**
  - Male: 41%
  - Female: 59%

- **High probability of naturalization**
  - Male: 45%
  - Female: 55%

- **Medium probability of naturalization**
  - Male: 50%
  - Female: 50%

- **Low probability of naturalization**
  - Male: 48%
  - Female: 52%

- **All eligible-to-naturalize adults**
  - Male: 47%
  - Female: 53%
Case Studies

Citizenshipworks · CASA · Asian Americans Advancing Justice
## COMPARATIVE CASE STUDY ANALYSIS

Who could most effectively benefit from the services?

<table>
<thead>
<tr>
<th></th>
<th>High</th>
<th>Medium</th>
<th>Low</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Median Household Income</strong></td>
<td>$70,783</td>
<td>$60,000</td>
<td>$46,480</td>
</tr>
<tr>
<td><strong>English Proficiency</strong></td>
<td>12%</td>
<td>30%</td>
<td>60%</td>
</tr>
<tr>
<td>(% not well or not at all)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Age</strong></td>
<td>17%</td>
<td>28%</td>
<td>45%</td>
</tr>
<tr>
<td>(% 55 years and older)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Educational Attainment</strong></td>
<td>38%</td>
<td>24%</td>
<td>11%</td>
</tr>
<tr>
<td>(% with Bachelors or higher)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mixed-status Family</strong></td>
<td>5%</td>
<td>17%</td>
<td>43%</td>
</tr>
<tr>
<td>(% with undocumented family)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Probability of Naturalization</strong></td>
<td>High</td>
<td>Medium</td>
<td>Low</td>
</tr>
</tbody>
</table>
Policy Implications
Policy Implications

What can these results be used for?
- Develop policies addressing characteristics that strongly deter naturalization (e.g. English proficiency)
- Implement diverse services needed to improve paths to naturalization
- Identify typical profiles of different naturalizing groups for further qualitative studies

Mapping eligibility to naturalize
- A mapping tool was developed to locate areas (e.g. congressional districts) that require more services to equitably promote paths to naturalization
- Determine spatial relationships of vulnerable characteristics deterring naturalization
Mapping Tool

Accessing and using the tool
ACCESSING THE MAPPING TOOL

1. **Go to**
   

2. **Choose which geographical scale** you want to examine (state, PUMA, Congressional District) through the hyperlinks

3. **Choose which eligible-to-naturalize group** you are interested in (all, low, medium, high)

4. **Zoom and move** across the map with your mouse or using the tools in the top left corner of the map

5. **Click on specific areas of interest** to learn about the eligible-to-naturalize group in that area including their socioeconomic status, language spoken, and country of origin
Our Goal: More naturalized citizens and greater local capacity.

New Americans Campaign partners work together to help eligible Lawful Permanent Residents (LPRs) apply for U.S. citizenship and to increase the number of citizenship applications in our sites and nationally.
Who We Are

**Collaborations with Site Leaders**

- San Francisco, CA
- Seattle, WA
- Portland, OR
- Salem, OR
- Napa, CA
- Marin, CA
- East Bay, CA
- Central Valley, CA
- Los Angeles, CA
- Orange County, CA
- San Diego, CA
- Kapolei, HI
- Salt Lake City, UT
- Denver, CO
- Milwaukee, WI
- Madison, WI
- Chicago, IL
- Akron, OH
- NY ONA
- Orange County, CA
- DC Metro Area
- Boston, MA
- New York, NY
- Philadelphia, PA
- Baltimore, MD
- Charlotte, NC
- Atlanta, GA
- San Antonio, TX
- New Orleans, LA
- Orlando, FL
- Miami, FL

**Affiliates**

- Tampa/St. Pet., FL
- Immokalee, FL

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370,000+ naturalization applications
200 local partners + affiliates
21 sites + affiliate locations
10 national partners
National funder collaboration

http://newamericanscampaign.org/
Naturalization Matters: Benefits of Citizenship

Average boost in individual earnings*

*Citizen Gain: The Economic Benefits of Naturalization for Immigrants and the Economy
Manuel Pastor and Justin Scoggins (December 2012)
USC Center for the Study of Immigrant Integration
Our Challenge

9,000,000
Lawful Permanent Residents Eligible to Apply for Naturalization

Approximately 750,000 applications per year (Nearly 1M in FY2017)

Insufficient resources to reach and serve all eligible LPRs

Significant barriers
Data to Inform Strategy

High Probability
- Do We Target?
- Outreach Method
- Message
- Service Model

Medium Probability
- Do We Target?
- Outreach Method
- Message
- Service Model

Low Probability
- Do We Target?
- Outreach Method
- Message
- Service Model
Data to Inform Strategy: Outreach & Messaging

Social Media

Paid Media – Social, TV, Radio, etc.

Ambassadors

Etc.
Data to Inform Strategy: Digital Marketing

- Digital and Social Advertising
  - Digital and Social Advertising
- Follow-up Email, Text, WhatsApp, Peer-to-Peer
  - Follow-up Email, Text, WhatsApp, Peer-to-Peer
- Online Pathways
  - Online Pathways
- Other Resources and Supports
  - Other Resources and Supports

9,000,000 Lawful Permanent Residents Eligible to Apply for Naturalization
Approximately 750,000 applications per year (Nearly 1M in FY2017)
Insufficient resources to reach and serve all eligible LPRs

• Target

• Leads

• CTA
Data to Inform Strategy: Partnerships

<table>
<thead>
<tr>
<th>Mayor’s Offices of Immigrant Affairs, Welcoming Communities</th>
<th>Public Libraries</th>
<th>Local Government Agencies and Officials</th>
<th>Major League Sports Teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ports of Entry (airport, sea port, border crossing)</td>
<td>Consulates and Embassies</td>
<td>Schools, Colleges, Law Schools, ESL Programs</td>
<td>Private Employers</td>
</tr>
<tr>
<td></td>
<td>Faith-based Institutions</td>
<td>Ethnic Media</td>
<td>Non-profit and Community Based Organizations</td>
</tr>
</tbody>
</table>
Data to Inform Strategy: Service Model

Workshop
Locations & Volunteer Needs

Online
With Virtual Review

Do It Yourself
With Hotline Support & Resources

Call with questions

- Call any of our partners for help with questions about the naturalization process or to find a citizenship application event in your area. You can also use the toll-free hotlines:

  - English/Spanish (NALEO): 888-839-8982
  - Chinese (Asian Americans Advancing Justice-LA): 800-520-2356
  - Khmer (Asian Americans Advancing Justice-LA): 800-867-3126
  - Korean (Asian Americans Advancing Justice-LA): 800-867-3640
  - Tagalog (Asian Americans Advancing Justice-LA): 855-300-2552
  - Thai (Asian Americans Advancing Justice-LA): 800-914-9583
  - Vietnamese (Asian Americans Advancing Justice-LA): 800-267-7395

Other Models
Individual Legal Appointments
Mobile Vans
Etc.
How might we... Incentivize actions

How might we... Change service model

How might we... Partner to mobilize

How might we... Target

Targeting the Highly Likely to Naturalize
New Americans Campaign – February 8, 2019
THANK YOU!

Report page: https://dornsife.usc.edu/csii/paths-to-citizenship

Map page: https://dornsife.usc.edu/csii/map-eligible-to-naturalize-puma/
Mapping Tool

Eligible to Naturalize Adults by Probability of Naturalization
ACCESSING THE MAPPING TOOL


2. Choose which geographical scale you want to examine (state, PUMA, Congressional District) through the hyperlinks

3. Choose which eligible-to-naturalize group you are interested in (all, low, medium, high)

4. Zoom and move across the map with your mouse or using the tools in the top left corner of the map

5. Click on specific areas of interest to learn about the eligible-to-naturalize group in that area including their socioeconomic status, language spoken, and country of origin
Choose which eligible-to-naturalize group you’re interested in seeing.

The legend represents a gradual color scale representing the number of eligible-to-naturalize adults in the specific category selected above by state. You can click on any of these subcategories to highlight states within that range.

Select a specific state for detailed information (e.g. educational attainment and poverty rate) about the specific eligible-to-naturalize group within that state.
STATE-BY-STATE SPATIAL ANALYSIS

California

| Characteristics of those with low probability of naturalization |
|-----------------|-----------------|
| Age             | Race            |
| 18 to 24        | White: 8%       |
| 25 to 34        | Black: 0%       |
| 35 to 54        | Latino: 82%     |
| 55 to 64        | AAPI: 10%       |
| 65+             | Other: 0%       |

<table>
<thead>
<tr>
<th>Education Attainment (Age 25+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than a high school degree: 63%</td>
</tr>
<tr>
<td>High school degree: 21%</td>
</tr>
<tr>
<td>Some college: 8%</td>
</tr>
<tr>
<td>Bachelor's degree: 5%</td>
</tr>
<tr>
<td>Greater than a bachelor's degree: 3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poverty Status</th>
<th>English Speaking Ability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Below 50% FPL: 7%</td>
<td>Not at all: 34%</td>
</tr>
<tr>
<td>50 to 99% FPL: 15%</td>
<td>Not well: 34%</td>
</tr>
<tr>
<td>100 to 149% FPL: 19%</td>
<td>Well: 15%</td>
</tr>
<tr>
<td>150 to 199% FPL: 16%</td>
<td>Very well: 9%</td>
</tr>
<tr>
<td>Not at all: 43%</td>
<td>English only: 8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Places of Origin</th>
<th>Top Languages Spoken at Home</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico: 72%</td>
<td>Spanish: 80%</td>
</tr>
<tr>
<td>El Salvador: 4%</td>
<td>English: 8%</td>
</tr>
<tr>
<td>Japan: 4%</td>
<td>Japanese: 3%</td>
</tr>
<tr>
<td>Guatemala: 3%</td>
<td>Chinese: 2%</td>
</tr>
<tr>
<td>Canada: 2%</td>
<td>Korean: 1%</td>
</tr>
<tr>
<td>All other: 14%</td>
<td>All other: 5%</td>
</tr>
</tbody>
</table>

When hovering over a certain area (e.g. state), a window will populate with characteristics pertaining to your geographical area of interest and group you have selected (e.g. low probability of naturalization)
Choose which eligible-to-naturalize group you’re interested in seeing.

The legend represents a gradual color scale representing the number of eligible-to-naturalize adults in the specific category selected above by PUMA. You can click on any of these subcategories to highlight states within that range.

Select a specific PUMA for detailed information (e.g. educational attainment and poverty rate) about the specific eligible-to-naturalize group within that state.
PUMA-LEVEL SPATIAL ANALYSIS

Los Angeles County (Central)--Inglewood City PUMA

<table>
<thead>
<tr>
<th>Characteristics of those with low probability of naturalization</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Age</strong></td>
</tr>
<tr>
<td>---------</td>
</tr>
<tr>
<td>18 to 24</td>
</tr>
<tr>
<td>25 to 34</td>
</tr>
<tr>
<td>35 to 54</td>
</tr>
<tr>
<td>55 to 64</td>
</tr>
<tr>
<td>65+</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Education Attainment (Age 25+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than a high school degree: 77%</td>
</tr>
<tr>
<td>High school degree: 13%</td>
</tr>
<tr>
<td>Some college: 9%</td>
</tr>
<tr>
<td>Bachelor's degree: 0%</td>
</tr>
<tr>
<td>Greater than a bachelor's degree: 0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Poverty Status</th>
<th>English Speaking Ability</th>
</tr>
</thead>
<tbody>
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<td>Below 50% FPL:</td>
<td>Not at all: 9%</td>
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<tr>
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<td>Not well: 16%</td>
</tr>
<tr>
<td>100 to 149% FPL:</td>
<td>Well: 19%</td>
</tr>
<tr>
<td>150 to 199% FPL:</td>
<td>Very well: 17%</td>
</tr>
<tr>
<td>Not at all: 40%</td>
<td>English only: 7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top Places of Origin</th>
<th>Top Languages Spoken at Home</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico: 72%</td>
<td>Spanish: 93%</td>
</tr>
<tr>
<td>Guatemala: 13%</td>
<td>English: 5%</td>
</tr>
<tr>
<td>El Salvador: 7%</td>
<td>French: 3%</td>
</tr>
<tr>
<td>Belize/British Honduras: 2%</td>
<td>Japanese: 1%</td>
</tr>
<tr>
<td>Haiti: 1%</td>
<td>Micronesian, Polynesian: 0%</td>
</tr>
<tr>
<td>All other: 6%</td>
<td>All other: 0%</td>
</tr>
</tbody>
</table>

When hovering over a certain area (e.g. PUMA), a window will populate with characteristics pertaining to your geographical area of interest and group you have selected (e.g. low probability of naturalization).
Choose which eligible-to-naturalize group you’re interested in seeing.

The legend represents a gradual color scale representing the number of eligible-to-naturalize adults in the specific category selected above by Congressional District. You can click on any of these subcategories to highlight states within that range.

Select a specific Congressional District for detailed information (e.g. educational attainment and poverty rate) about the specific eligible-to-naturalize group within that state.
When hovering over a certain area (e.g. PUMA), a window will populate with characteristics pertaining to your geographical area of interest and group you have selected (e.g. low probability of naturalization).
Mapping Tool

Eligible to Naturalize Adults by Size, Concentration, Impact
ACCESSING THE MAPPING TOOL

1. Go to https://dornsife.usc.edu/csii

2. Click on research tab on the main option bar on top

3. Choose Map: Eligible-to-Naturalize Adults/ Size, Concentration, Impact

4. Zoom and move across the map with your mouse or using the tools in the top left corner of the map

5. Choose eligible-to-naturalize adults option: total number, % of all adults, % increase in CVAP if naturalized

6. Click on specific areas of interest to learn about the eligible-to-naturalize group in that area including their socioeconomic status, language spoken, and country of origin
WHERE ARE THE ELIGIBLE TO NATURALIZE?
WHERE ARE THE ELIGIBLE TO NATURALIZE?
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WHERE ARE THE ELIGIBLE TO NATURALIZE?

Eligible-to-naturalize adults in California

- **Total:** 2,198,216
- **As a share of all adults:** 7.6%
- **As the share that would be added to the citizen voting age population (CVAP), if naturalized:** 9.2%

**By region of origin:**

- **Mexico:** 1,133,234 (52%)
- **Central America:** 211,984 (10%)
- **South America & Caribbean:** 64,873 (3%)
- **Asia:** 554,679 (24%)
- **Africa:** 24,842 (1%)
- **Europe:** 165,693 (8%)
- **Other:** 63,011 (3%)
- **Total:** 2,198,216 (100%)

*Note: All numbers are estimated and subject to error. Totals may not sum to 100% due to rounding.*
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Map of California showing eligible-to-naturalize adults with color gradients indicating different ranges of numbers. City names such as San Francisco, San Jose, Los Angeles, and San Diego are marked. Options to select geography and demographic indicators are provided.
WHERE ARE THE ELIGIBLE TO NATURALIZE?

- San Francisco
- San Jose
- Los Angeles
- San Diego
- Santa Barbara
- Reno
- Carson City
- Salt Lake City
- Provo
- Flagstaff
- Phoenix
- Tucson
- Salt Lake City
- Eureka

Map of California with regions color-coded to indicate the number of eligible-to-naturalize adults. Legends show the number of adults as follows:
- Less than 10,000
- 10,001 to 40,000
- 40,001 to 80,000
- 80,001 to 160,000
- 160,001 to 500,000
- More than 500,000
- No data available

Select geography:
- PUMA
- County
- Metro
- State

Hover over area to view data.
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Select geography:
- PUMA
- County
- Metro
- State

Eligible-to-naturalize adults:
- Total number
- As % of all adults
- As % increase in CVAP, if naturalized

Mapbox
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Select geography:
- PUMA
- County
- Metro
- State

Eligible-to-naturalize adults:
- Total number
- As % of all adults
- As % increase in CVAP, if naturalized

Mapbox

USC Center for the Study of Immigrant Integration (CSII), © Mapbox © OpenStreetMap Improve this map
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Eligible-to-naturalize adults in Los Angeles-Lomita, CA metro area

Total: 943,191
As a share of all adults: 9.5%
As the share that would be added to the citizen voting age population (CVAP), if naturalized: 12.0%

By region of origin:

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>468,123</td>
<td>50%</td>
</tr>
<tr>
<td>Central America</td>
<td>142,551</td>
<td>15%</td>
</tr>
<tr>
<td>South America &amp; Caribbean</td>
<td>33,792</td>
<td>4%</td>
</tr>
<tr>
<td>Asia</td>
<td>212,198</td>
<td>22%</td>
</tr>
<tr>
<td>Africa</td>
<td>9,365</td>
<td>1%</td>
</tr>
<tr>
<td>Europe</td>
<td>58,036</td>
<td>6%</td>
</tr>
<tr>
<td>Other</td>
<td>19,126</td>
<td>2%</td>
</tr>
<tr>
<td>Total</td>
<td>943,191</td>
<td>100%</td>
</tr>
</tbody>
</table>

Note: All numbers are estimated and subject to error. Totals may not sum to 100% due to rounding.
WHERE ARE THE ELIGIBLE TO NATURALIZE?
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Eligible-to-naturalize adults in Los Angeles County (South Central)—LA City (South Central/Westmont) PUMA

Total: 16,362
As a share of all adults: 13.5%
As the share that would be added to the citizen voting age population (CVAP), if naturalized: 19.7%

By region of origin:

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>7,583</td>
<td>46%</td>
</tr>
<tr>
<td>Central America</td>
<td>8,094</td>
<td>49%</td>
</tr>
<tr>
<td>South America &amp; Caribbean</td>
<td>210</td>
<td>1%</td>
</tr>
<tr>
<td>Asia</td>
<td>376</td>
<td>2%</td>
</tr>
<tr>
<td>Africa</td>
<td>63</td>
<td>0%</td>
</tr>
<tr>
<td>Europe</td>
<td>36</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Total</td>
<td>16,362</td>
<td>100%</td>
</tr>
</tbody>
</table>

Note: All numbers are estimated and subject to error. Totals may not sum to 100% due to rounding.
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Select geography:
WHERE ARE THE ELIGIBLE TO NATURALIZE?

Eligible-to-naturalize adults in Los Angeles County (South)—South Gate & Lynwood Cities PUMA

Total: 21,856
As a share of all adults: 18.0%
As the share that would be added to the citizen voting age population (CVAP), if naturalized: 28.3%

By region of origin:

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mexico</td>
<td>17,493</td>
<td>80%</td>
</tr>
<tr>
<td>Central America</td>
<td>3,422</td>
<td>16%</td>
</tr>
<tr>
<td>South America &amp; Caribbean</td>
<td>709</td>
<td>3%</td>
</tr>
<tr>
<td>Asia</td>
<td>144</td>
<td>1%</td>
</tr>
<tr>
<td>Africa</td>
<td>21</td>
<td>0%</td>
</tr>
<tr>
<td>Europe</td>
<td>52</td>
<td>0%</td>
</tr>
<tr>
<td>Other</td>
<td>16</td>
<td>0%</td>
</tr>
<tr>
<td>Total</td>
<td>21,856</td>
<td>100%</td>
</tr>
</tbody>
</table>

Note: All numbers are estimated and subject to error. Totals may not sum to 100% due to rounding.
THANK YOU!

For more reports and data, visit https://dornsife.usc.edu/csii