

Re: Contact and Collaboration

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Mon 8/24/2020 7:48 AM

To: Michael T Thieme (CENSUS/ADDC FED) <Michael.T.Thieme@census.gov>; Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR FED)

(CENSUS/DEPDIR FED)

Steven.dillingham@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Good morning

Mike Berning and I are able to meet with you on the Executive Order and the production of the citizen voting age population (CVAP) product when ever you are available. (b) (6)

Some background. The product is generated from the census edited file (CEF) and microdata detail file (MDF). Our plan is to release the CVAP product immediately after the redistricting data products. The timing of these activities is still undetermined due to the replanning of the apportionment schedule. The methodology is being worked and is on track for being determined by October 31, 2020.

Let me know if you are interested in talking and I will have my secretary setup a meeting.

thanks - jim

James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room (b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: Michael T Thieme (CENSUS/ADDC FED) < Michael.T.Thieme@census.gov>

Sent: Friday, August 21, 2020 4:53 PM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR FED) <bee>benjamin.a.overholt@census.gov>; James B Treat (CENSUS/DEPDIR FED) <James.B.Treat@census.gov>; Michael A Berning (CENSUS/ERD FED)

<Michael.A.Berning@census.gov>

Subject: Re: Contact and Collaboration

Hi Nathaniel -

2-3 will be fine. I'll send a revised invitation. Thanks,

-Michael

Michael T. Thieme

Assistant Director for Decennial Census Programs, Systems and Contracts U.S. Census Bureau (301) 763-9062 (Office)

(b) (6) (Mobile)

Michael.t.thieme@census.gov

From: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>

Sent: Friday, August 21, 2020 4:50 PM

To: Michael T Thieme (CENSUS/ADDC FED) <Michael.T.Thieme@census.gov>; Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR FED) <benjamin.a.overholt@census.gov>; James B Treat (CENSUS/DEPDIR FED) <James.B.Treat@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Subject: Re: Contact and Collaboration

Hey Michael,

Thanks for writing back and proposing a time. Unfortunately, Ben and I are not available on Tuesday at 11am. Would 2pm or 3pm work?

No need to prepare anything. It would be a preliminary discussion just to brainstorm. The director's message was a very good laying out of relevant expertise and interest to get the discussion going.

—Nathaniel

Nathaniel Cogley, Ph.D.

Deputy Director for Policy U.S. Census Bureau

From: Michael T Thieme (CENSUS/ADDC FED) < Michael.T.Thieme@census.gov>

Sent: Friday, August 21, 2020 3:58 PM

To: Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>; Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR FED) <benjamin.a.overholt@census.gov>; James B Treat (CENSUS/DEPDIR FED) <James.B.Treat@census.gov>; Michael A Berning (CENSUS/ERD FED)
<Michael.A.Berning@census.gov>

Subject: Re: Contact and Collaboration

Thanks, Dr. Dillingham -

I'd be happy to set something up for early next week.

Nathaniel and Ben - Welcome! Can you please let me know what topics you'd like to cover from my area (IT and contracts)? I will look for an open spot on your calendars and invite the appropriate SMEs. Thanks,

-Michael

Michael T. Thieme

Assistant Director for Decennial Census Programs, Systems and Contracts U.S. Census Bureau

(301) 763-9062 (Office)

(b) (6) (Mobile)

Michael.t.thieme@census.gov

From: Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>

Sent: Friday, August 21, 2020 3:27 PM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR FED)

FED)

Senjamin.a.overholt@census.gov>; Michael T Thieme (CENSUS/ADDC FED) <Michael.T.Thieme@census.gov>; James B Treat (CENSUS/DEPDIR FED) <James.B.Treat@census.gov>; Michael A Berning (CENSUS/ERD FED)

<Michael.A.Berning@census.gov>
Subject: Contact and Collaboration

Team,

As you are aware, Nathaniel and Ben have joined the Census team as Deputy Directors and are engaged in the Bureau's full-throttled efforts to accomplish much work in a short period of time. Michael Thieme has been responsible for the tremendous success of the systems for the decennial; Jim Treat has been spearheading the Executive Order implementation; and Michael Berning has been arranging for (and ingesting) vital administrative data. Ben has a focus on data bases and data uses; Nathaniel has interests in complete and accurate counts of all types.

When convenient early next week, perhaps you guys can schedule individual and/or group calls to share information about recent developments and ongoing challenges, including schedules. I know that Nathaniel has an interest in completing some purpose area(s) specified on the Executive Order, so far as possible, without slowing our decennial work. Ben wishes to learn more about the content of new administrative datasets we are receiving. Please feel free to reach out to others as needed.

I appreciate all your efforts and the power of effective collaborations to achieve results!

Many thanks and enjoy your well-deserved weekend!

Steve

Steven D. Dillingham, Ph.D., Director

U.S. Census Bureau

o: 301-763-2135 | m: (b) (6)

census.gov | @uscensusbureau

Notes from a meeting with Nathaniel Cogley on the Executive Order 13880

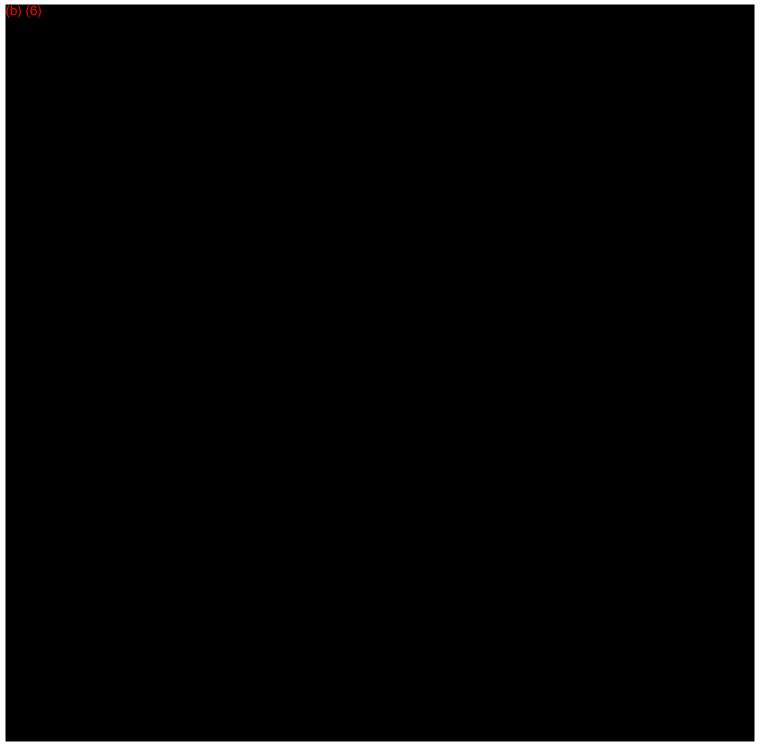
James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

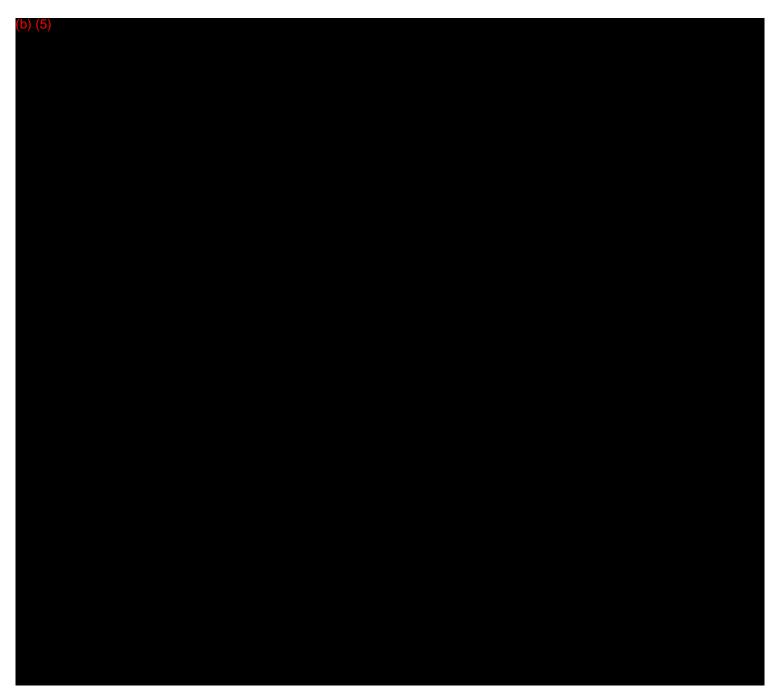
Wed 9/2/2020 8:28 AM

To: Ron S Jarmin (CENSUS/DEPDIR FED) <Ron.S.Jarmin@census.gov>; Christa D Jones (CENSUS/DEPDIR FED) <Christa.D.Jones@census.gov>; Albert E Fontenot (CENSUS/ADDC FED) <Albert.E.Fontenot@census.gov>

Cc: Michael T Thieme (CENSUS/ADDC FED) <Michael.T.Thieme@census.gov>

Below are the meeting nots with Nathaniel Cogley on the Executive Order 13880 from Michael Thieme and me.





James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room (b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>

Sent: Friday, August 21, 2020 3:27 PM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Benjamin A Overholt (CENSUS/DEPDIR

FED)

FED)

Senjamin.a.overholt@census.gov>; Michael T Thieme (CENSUS/ADDC FED) <Michael.T.Thieme@census.gov>; James B Treat (CENSUS/DEPDIR FED) <James.B.Treat@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Subject: Contact and Collaboration

Team,

As you are aware, Nathaniel and Ben have joined the Census team as Deputy Directors and are engaged in the Bureau's full-throttled efforts to accomplish much work in a short period of time. Michael Thieme has been responsible for the tremendous success of the systems for the decennial; Jim Treat has been spearheading the Executive Order implementation; and Michael Berning has been arranging for (and ingesting) vital administrative data. Ben has a focus on data bases and data uses; Nathaniel has interests in complete and accurate counts of all types.

When convenient early next week, perhaps you guys can schedule individual and/or group calls to share information about recent developments and ongoing challenges, including schedules. I know that Nathaniel has an interest in completing some purpose area(s) specified on the Executive Order, so far as possible, without slowing our decennial work. Ben wishes to learn more about the content of new administrative datasets we are receiving. Please feel free to reach out to others as needed.

I appreciate all your efforts and the power of effective collaborations to achieve results!

Many thanks and enjoy your well-deserved weekend!

Steve

Steven D. Dillingham, Ph.D., Director

U.S. Census Bureau

o: 301-763-2135 | m: (b) (6)

census.gov | @uscensusbureau

Re: For Your Review: Secretary Memos on Admin Records

James B Treat (CENSUS/ADDC FED) < James.B.Treat@census.gov>

Thu 8/15/2019 1:50 PM

To: Goudarzi, Talat (Federal) <TGoudarzi@doc.gov>; Walsh, Michael (Federal) <MWalsh@doc.gov>

Cc: Semsar, Joseph (Federal) <JSemsar@doc.gov>; Foti, Anthony (Federal) <AFoti@doc.gov>; Steven Dillingham (CENSUS/DEPDIR FED) <steven.dillingham@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>; Steven K Smith (CENSUS/DEPDIR FED) <steven.k.smith@census.gov>; Van R lawrence (CENSUS/OCIA FED) <Van.R.Lawrence@census.gov>; Ali Mohammad Ahmad (CENSUS/ADCOM FED) <ali.m.ahmad@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED) < Enrique.Lamas@census.gov>; Ron S Jarmin (CENSUS/DEPDIR FED) <Ron.S.Jarmin@census.gov>; Christopher J Stanley (CENSUS/OCIA FED) <christopher.j.stanley@census.gov>; Dewhirst, David (Federal) <DDewhirst@doc.gov>; O'Connor, Kasey (Federal) <KO'Connor@doc.gov>; Hull, Cordell (Federal) <CHull@doc.gov>; Paranzino, Anthony (Federal) <AParanzino@doc.gov>

Mike Berning from Census will at a minimum be the person to work with the Secretary during the calls.

thanks - jim

James B. Treat

Assistant Director for Decennial Programs U.S. Census Bureau

Office 301.763.3609 Room b)(6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: Goudarzi, Talat (Federal) <TGoudarzi@doc.gov>

Sent: Thursday, August 15, 2019 1:47 PM

To: Walsh, Michael (Federal) < MWalsh@doc.gov>

Cc: Semsar, Joseph (Federal) <JSemsar@doc.gov>; Foti, Anthony (Federal) <AFoti@doc.gov>; James B Treat

(CENSUS/ADDC FED) < James.B.Treat@census.gov>; Steven Dillingham (CENSUS/DEPDIR FED)

<steven.dillingham@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>; Steven K

Smith (CENSUS/DEPDIR FED) <steven.k.smith@census.gov>; Van R lawrence (CENSUS/OCIA FED)

<Van.R.Lawrence@census.gov>; Ali Mohammad Ahmad (CENSUS/ADCOM FED) <ali.m.ahmad@census.gov>; Enrique

Lamas (CENSUS/DEPDIR FED) < Enrique.Lamas@census.gov>; Ron S Jarmin (CENSUS/DEPDIR FED)

<Ron.S.Jarmin@census.gov>; Christopher J Stanley (CENSUS/OCIA FED) <christopher.j.stanley@census.gov>; Dewhirst,

David (Federal) <DDewhirst@doc.gov>; O'Connor, Kasey (Federal) <KO'Connor@doc.gov>; Hull, Cordell (Federal)

<CHull@doc.gov>; Paranzino, Anthony (Federal) <AParanzino@doc.gov>

Subject: Re: For Your Review: Secretary Memos on Admin Records

12:00pm-1:30pm is reserved!

Sent from my iPhone

On Aug 15, 2019, at 1:03 PM, Walsh, Michael (Federal) < MWalsh@doc.gov> wrote:

Yes, aim for the 20th for now. Thanks.

Sent from my iPhone

On Aug 15, 2019, at 12:51 PM, Semsar, Joseph (Federal) < JSemsar@doc.gov> wrote:

(b) (5)

Joe Semsar
(b) (6)

From: Foti, Anthony (Federal) < AFoti@doc.gov>
Sent: Thursday, August 15, 2019 12:50 PM

To: Semsar, Joseph (Federal) < JSemsar@doc.gov>

Cc: Treat, James B < <u>james.b.treat@census.gov</u>>; Dillingham, Steven

<steven.dillingham@census.gov>; Berning, Michael A

<michael.a.berning@census.gov>; Smith, Steven K <steven.k.smith@census.gov>;

lawrence, Van R <van.r.lawrence@census.gov>; Ahmad, Ali M

<ali.m.ahmad@census.gov>; Lamas, Enrique <enrique.lamas@census.gov>; Jarmin,

Ron S < ron.s.jarmin@census.gov>; Stanley, Christopher J

<<u>christopher.j.stanley@census.gov</u>>; Dewhirst, David (Federal)

<<u>DDewhirst@doc.gov</u>>; O'Connor, Kasey (Federal) <<u>KO'Connor@doc.gov</u>>; Hull,

Cordell (Federal) < CHull@doc.gov>; Paranzino, Anthony (Federal)

<<u>AParanzino@doc.gov</u>>

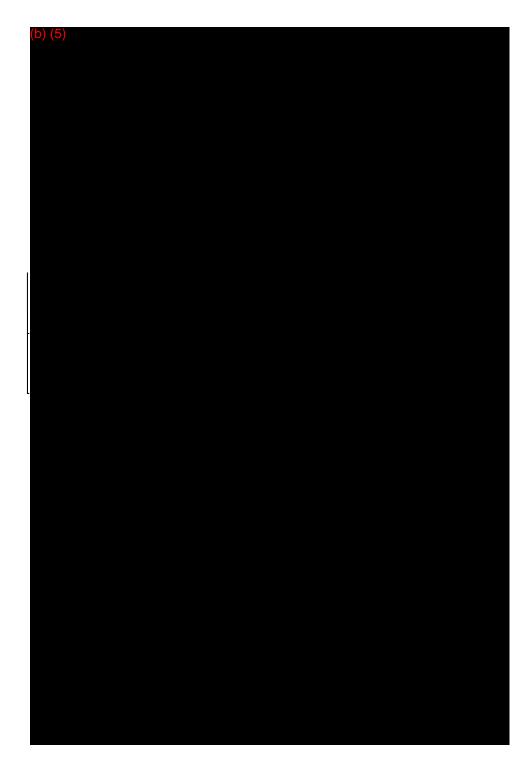
Subject: Re: For Your Review: Secretary Memos on Admin Records



Sent from my iPhone

On Aug 15, 2019, at 12:38 PM, Semsar, Joseph (Federal) < JSemsar@doc.gov > wrote:





Thanks,

Joe

Joe Semsar (b) (6)

From: James B Treat (CENSUS/ADDC FED) < <u>James.B.Treat@census.gov</u>>

Sent: Thursday, August 15, 2019 11:45 AM

To: Semsar, Joseph (Federal) < JSemsar@doc.gov>

Cc: Dillingham, Steven < steven.dillingham@census.gov>; Berning, Michael A < michael.a.berning@census.gov>; Smith, Steven K

<steven.k.smith@census.gov>; lawrence, Van R

<<u>van.r.lawrence@census.gov</u>>; Ahmad, Ali M

<ali.m.ahmad@census.gov>; Lamas, Enrique

<enrique.lamas@census.gov>; Jarmin, Ron S

<<u>ron.s.jarmin@census.gov</u>>; Stanley, Christopher J

<<u>christopher.j.stanley@census.gov</u>>

Subject: Re: For Your Review: Secretary Memos on Admin Records

Joe - just touching base on this

thanks - jim

James B. Treat

Assistant Director for Decennial Programs U.S. Census Bureau

Office 301.763.3609 Room james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: James B Treat (CENSUS/ADDC FED) < <u>James.B.Treat@census.gov</u>>

Sent: Wednesday, August 14, 2019 5:03 PM

To: Semsar, Joseph (Federal) < JSemsar@doc.gov>

Cc: Steven Dillingham (CENSUS/DEPDIR FED)

<steven.dillingham@census.gov>; Michael A Berning (CENSUS/ERD FED)

< <u>Michael.A.Berning@census.gov</u>>; Steven K Smith (CENSUS/DEPDIR FED)

<steven.k.smith@census.gov>; Van R lawrence (CENSUS/OCIA FED)

<a href="mailto: Van.R.Lawrence@census.gov ; Ali Mohammad Ahmad

(CENSUS/ADCOM FED) <a in the second s

(CENSUS/DEPDIR FED) < Enrique.Lamas@census.gov>; Ron S Jarmin

(CENSUS/DEPDIR FED) < Ron.S.Jarmin@census.gov >; Christopher J

Stanley (CENSUS/OCIA FED) < christopher.j.stanley@census.gov>

Subject: For Your Review: Secretary Memos on Admin Records

Joe,

In preparation for the Secretary's planned calls to Governors next week, we are providing the attached background materials for Karen's review, per her request. The attachments include memos for the 10 states that are suggested by Anthony Foti as being appropriate for the first wave of calls. The memos provide background information using the standard template/format approved for previous calls of this nature and was successful. Also attached is the full excel worksheet from which the

status updates in the memo's were derived. This document is more for background and will be updated as we move forward. We are developing the memos for the remaining states.

Please let us know if you have any comments/suggestions. Also, could you please let us know if there is an expectation that a Census staff person should be present at these calls?

I believe the calls are scheduled starting on Tuesday next week, so feedback as soon as possible would be great. I would like to send them to Clark as soon as possible so they can get in front of the Secretary. Feel free to loop Clark into the review if you think that would help.

thanks - jim

James B. Treat

Assistant Director for Decennial Programs U.S. Census Bureau

Office 301.763.3609 Room james.b.treat@census.gov

census.gov

Connect with us on Social Media

Meeting to Discuss Admin Records

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Thu 7/23/2020 8:33 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED) <Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Join online meeting

Join by Phone

(b) (6) # (Dial-in Number) English (United States)

Find a local number

Conference ID: (b) (6)

Forgot your dial-in PIN? | Help

ONLINE MEETING SECURITY: Please be advised that anyone who obtains a copy of a Skype for Business online meeting invitation can join the online meeting as an "unauthenticated guest." This may include people outside of CENSUS that were not invited by the meeting organizer. It is the responsibility of the meeting presenter to ensure that any unauthenticated guests waiting in the "Lobby" are verified before they are allowed into the online meeting. CENSUS staff can click the "Help" link above for more details on how to join a skype online meeting.

Presentation Format File

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Thu 7/23/2020 9:01 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED) <Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>



thanks - jim

James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room (b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: James B Treat (CENSUS/DEPDIR FED)
Sent: Thursday, July 23, 2020 8:33 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED)

<Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Subject: Meeting to Discuss Admin Records

When: Thursday, July 23, 2020 8:30 AM-9:00 AM.

Where:

Join online meeting

Join by Phone

(b) (6) # (Dial-in Number) English (United States)

Find a local number

Conference ID: (b) (6)

Forgot your dial-in PIN? | Help

ONLINE MEETING SECURITY: Please be advised that anyone who obtains a copy of a Skype for Business online meeting invitation can join the online meeting as an "unauthenticated guest." This may include people outside of CENSUS that were not invited by the meeting organizer. It is the responsibility of the meeting presenter to ensure that any unauthenticated guests waiting in the "Lobby" are verified before they are allowed into the online meeting. CENSUS staff can click the "Help" link above for more details on how to join a skype online meeting.

Re: Presentation Format File

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Thu 7/23/2020 12:06 PM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED) <Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>



I spoke with John Abowd and attached is an updated document.

thanks - jim

James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room(b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Sent: Thursday, July 23, 2020 9:01 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) < nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED)

<Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Subject: Presentation Format File

thanks - jim

James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room (b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

From: James B Treat (CENSUS/DEPDIR FED)
Sent: Thursday, July 23, 2020 8:33 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) < nathaniel.cogley@census.gov>; Enrique Lamas (CENSUS/DEPDIR FED)

<Enrique.Lamas@census.gov>; Michael A Berning (CENSUS/ERD FED) <Michael.A.Berning@census.gov>

Subject: Meeting to Discuss Admin Records

When: Thursday, July 23, 2020 8:30 AM-9:00 AM.

Where:

Join online meeting

Join by Phone

(b) (6) # (Dial-in Number) English (United States)

Find a local number

Conference ID: (b) (6)

Forgot your dial-in PIN? | Help

ONLINE MEETING SECURITY: Please be advised that anyone who obtains a copy of a Skype for Business online meeting invitation can join the online meeting as an "unauthenticated guest." This may include people outside of CENSUS that were not invited by the meeting organizer. It is the responsibility of the meeting presenter to ensure that any unauthenticated guests waiting in the "Lobby" are verified before they are allowed into the online meeting. CENSUS staff can click the "Help" link above for more details on how to join a skype online meeting.

I returned your call but your voice mailbox is not setup - eom

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Mon 7/27/2020 10:34 AM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) <nathaniel.cogley@census.gov>

thanks - jim

James B. Treat

Senior Advisor for Decennial Affairs Office of the Director U.S. Census Bureau

Office 301.763.3609 Room (b) (6) james.b.treat@census.gov

census.gov

Connect with us on Social Media

Accepted: Meeting/Discussion

James B Treat (CENSUS/DEPDIR FED) < James.B.Treat@census.gov>

Thu 8/27/2020 2:22 PM

To: Nathaniel Cogley (CENSUS/DEPDIR FED) < nathaniel.cogley@census.gov>

March 27, 2020

MEMORANDUM FOR Dr. Ron S. Jarmin

Deputy Director and Chief Operating Officer

From: Dr. Victoria A. Velkoff

Associate Director for Demographic Programs

Joh M. about

Dr. John M. Abowd

Associate Director for Research and Methodology

and Chief Scientist

Consulted with: Jason Devine, Christa Jones, Enrique Lamas, V. Thomas Mule,

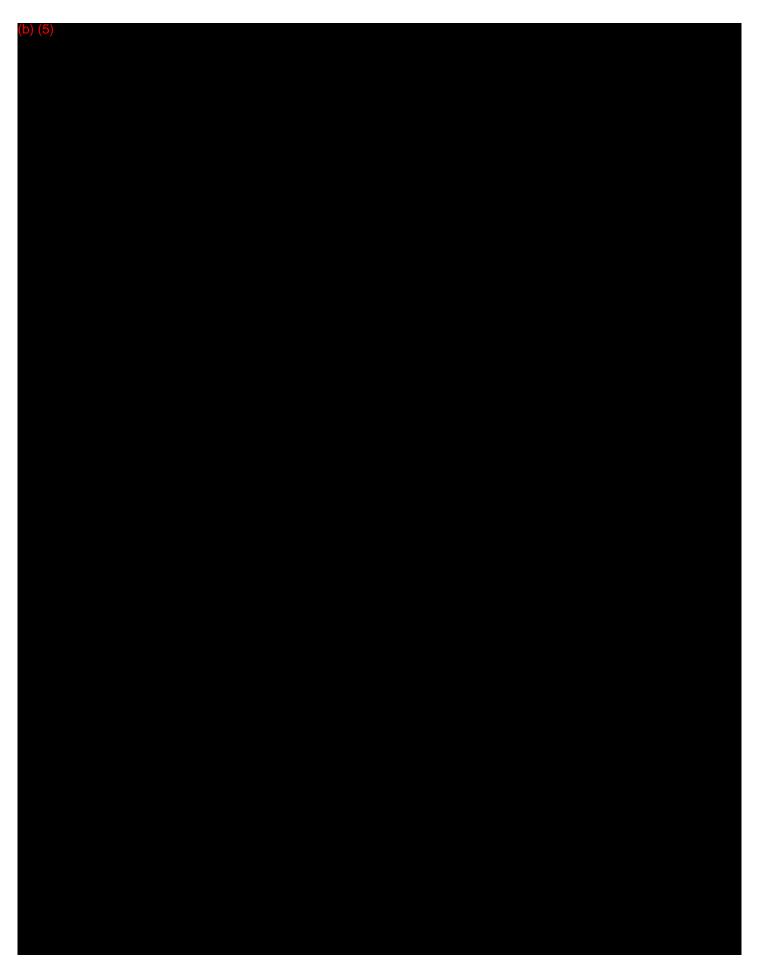
Matthew Spence, Deborah Stempowski

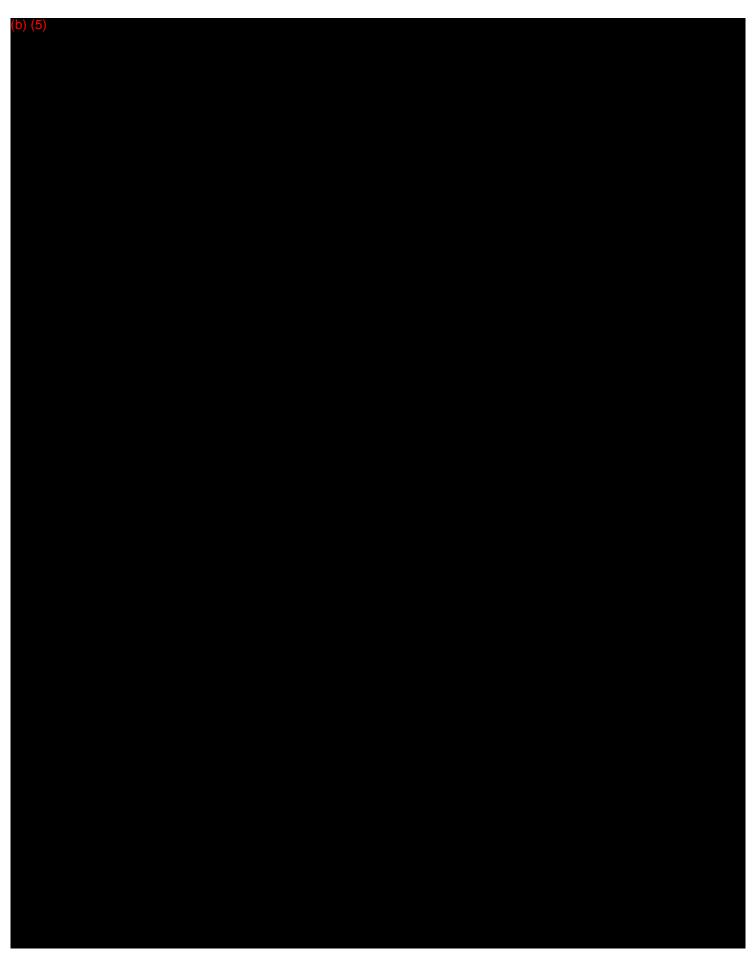
Subject: Estimating the Undocumented Population by State for Use in

Apportionment



(b) (5)	
	BC-DOC-CEN-2020-001602-000197





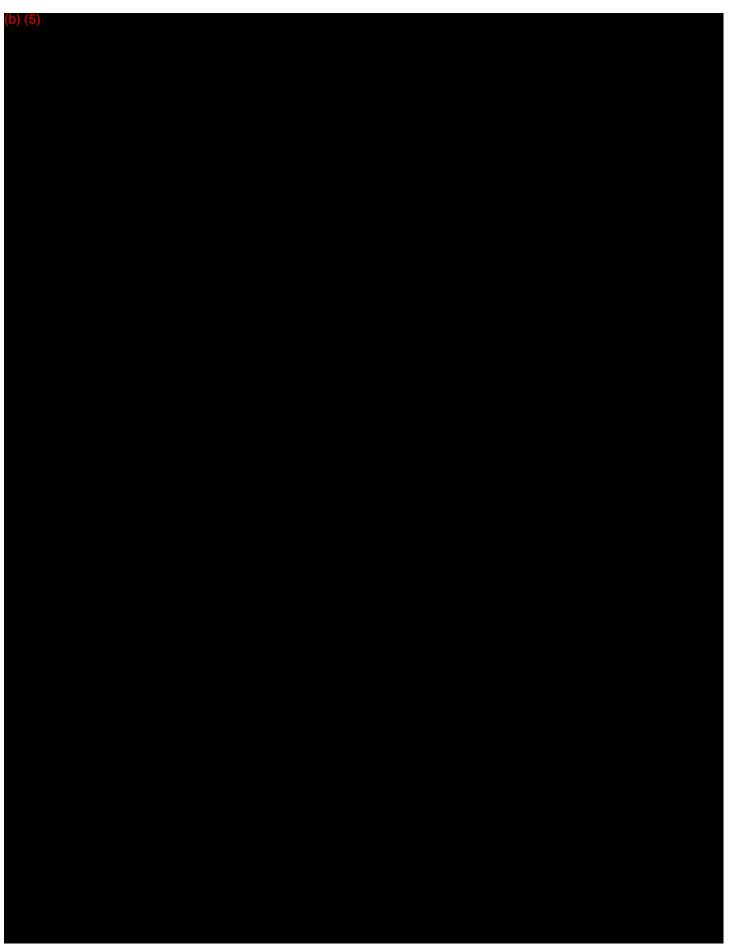














(b) (5)	
	BU-DUU-UEN-ZUZU-UU 180Z-UUUZU /



References

Ahmed, Bashirudden. unpublished. "Estimates of undocumented immigration counted in the 1990 Census." (Draft: March) (U.S. Census Bureau, Population Division). Cited in Costanzo, Joseph, Cynthia Davis, Caribert Irazi, Daniel Goodkind, and Roberto Ramirez (2001) "Evaluating Components of International Migration: The Residual Foreign Born," Population Division Working Paper No. 61.

Bachmeier, James D., Jennifer Van Hook, and Frank D. Bean. 2014. "Can We Measure Immigrants' Legal Status? Lessons from Two U.S. Surveys." International Migration Review 48(2), 538-566.

Department of Homeland Security, March 5, 2019, "Potential Improvements to DHS Illegal Alien Population Estimates: Collection and Use of Data," Fiscal Year 2018 Report to Congress.

Fernandez, Edward and J. Gregory Robinson (1994) "Illustrative Ranges of the Distribution of Undocumented Immigrants by State," Population Division Working Paper No. 8.

Jensen, Eric B., Renuka Bhaskar, and Melissa Scopilliti, June 2015, "Demographic Analysis 2010: Estimates of the Coverage of the Foreign-Born Population in the American Community Survey," Population Division Working Paper No. 103.

Layne, Mary, Deborah Wagner and Cynthia Rothhaas, 2014 "Estimating Record Linkage False Match Rate for the Person Identification Validation System," Center for Administrative Records Research and Applications Working Paper No. 2014-02.

Mule, V. Thomas (2012) "Census Coverage Measurement Estimation Report: Summary of Estimates of Coverage for Persons in the United States," Decennial Statistical Studies Division 2010 Census Coverage Measurement Memorandum Series #2010-G-01.

NORC (2013) "PVS Research: Task 4, Further PVS Research Final Research Report," Technical report delivered to the U.S. Census Bureau March 15, 2013.

Office of Immigration Statistics, December 2018, "Population Estimates: Illegal Alien Population Residing in the United States: January 2015," Department of Homeland Security, Office of Strategy, Policy and Plans.

Office of Immigration Statistics, May 2019, "Population Estimates: Lawful Permanent Residents in the United States: January 2015," Department of Homeland Security, Office of Strategy, Policy and Plans.

Pew Research Center, November 27, 2018, "Unauthorized Immigrant Total Dips to Lowest Level in a Decade."

Rastogi, Sonya and Amy O'Hara (2012) 2010 Census Match Study Final Report. 2010 Census Planning Memoranda Series No. 247, Issued November 19, 2012

Van Hook, Jennifer, and James D. Bachmeier. 2013. "How Well Does the American Community Survey Count Naturalized Citizens?" Demographic Research 29(1), 1-32.

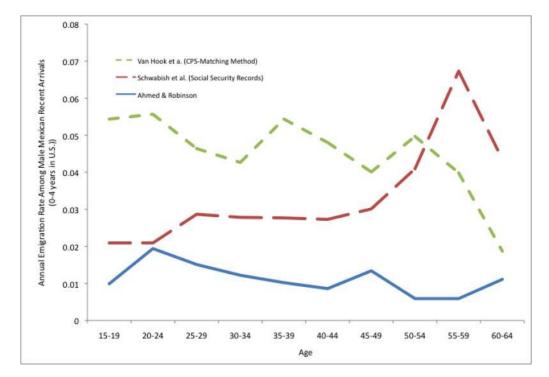
Van Hook, Jennifer, James D. Bachmeier, Donna Coffman, and Ofer Harel. 2015. "Can We Spin Straw Into Gold? An Evaluation of Immigrant Legal Status Imputation Approaches." Demography 52(1): 329-354.

Warren, Robert, 2018, 'The US Undocumented Population Fell Sharply During the Obama Administration," Center for Migration Studies.

Warren, Robert, 2020, "Reverse Migration to Mexico Led to US Undocumented Population Decline: 2010 to 2018," Journal on Migration and Human Security.

Woodrow, Karen (1991) "Preliminary Estimates of Undocumented Residents in 1990," Demographic Analysis (DA) Evaluation Project D2.

Appendix A: Three Estimates of the Annual Emigration Rate Among Male Mexican-Born Recent Arrivals to the U.S.



Source: van Hook and Bachmeier (2013).

Appendix B: 2010 Census and Administrative Records Match Ratios By State

North Dakota 94.1 Vermont 94.1 Iowa 93.6 Wisconsin 93.4 Maine 93.3 Minnesota 93.3 New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2	State	Match Rate
Iowa 93.6 Wisconsin 93.4 Maine 93.3 Minnesota 93.3 New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 <td>North Dakota</td> <td>94.1</td>	North Dakota	94.1
Wisconsin 93.4 Maine 93.3 Minnesota 93.3 New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1	Vermont	94.1
Maine 93.3 Minnesota 93.3 New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 <	Iowa	93.6
Minnesota 93.3 New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 Alabama 88.5	Wisconsin	93.4
New Hampshire 93.3 Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Myyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1	Maine	93.3
Ohio 92.4 Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisippi 89.6 South Carolina 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Myoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 Alabama 88.5	Minnesota	93.3
Nebraska 92.1 Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 87.9 Florida 87.7 <	New Hampshire	93.3
Pennsylvania 92.1 Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 87.9 Florida 87.7	Ohio	92.4
Kansas 92.0 Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 Alabama 88.5 Louisiana 88.5 Rorth Carolina 87.9 Florida 87.7	Nebraska	92.1
Indiana 91.9 Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 87.9 Florida 87.7	Pennsylvania	92.1
Missouri 91.7 South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Kansas	92.0
South Dakota 91.6 Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Indiana	91.9
Massachusetts 91.5 Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.0 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisppi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 Alabama 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Missouri	91.7
Connecticut 91.0 Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.0 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisppi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.6 Alabama 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	South Dakota	91.6
Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Massachusetts	91.5
Kentucky 90.7 Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Connecticut	91.0
Rhode Island 90.6 Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississisippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.5 North Carolina 87.9 Florida 87.7	Kentucky	
Michigan 90.1 Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	<u> </u>	
Virginia 90.1 Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Myoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	Michigan	
Montana 90.0 Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	_	
Arkansas 89.9 Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	•	
Illinois 89.9 Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Tennessee 89.9 Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Utah 89.8 Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Washington 89.7 Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Mississippi 89.6 South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
South Carolina 89.6 Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	_	
Alaska 89.5 West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
West Virginia 89.4 Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Oregon 89.3 Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Wyoming 89.3 Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	•	
Maryland 89.2 Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Idaho 89.1 New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	•	
New Jersey 89.1 Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	•	
Oklahoma 89.1 Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Delaware 88.7 National 88.6 Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7	=	
National88.6Alabama88.5Louisiana88.2North Carolina87.9Florida87.7		
Alabama 88.5 Louisiana 88.2 North Carolina 87.9 Florida 87.7		
Louisiana 88.2 North Carolina 87.9 Florida 87.7		
North Carolina 87.9 Florida 87.7		
Florida 87.7		
	Colorado	87.3

Hawaii	86.9
New York	86.8
Georgia	86.0
Texas	85.9
District of Columbia	85.0
New Mexico	85.0
California	84.8
Arizona	84.0
Nevada	83.4

Source: Rastogi and O'Hara (2012) 2010 Census Match Study, Table 9.

Appendix C: Various State Estimates of the Undocumented Immigrant Population

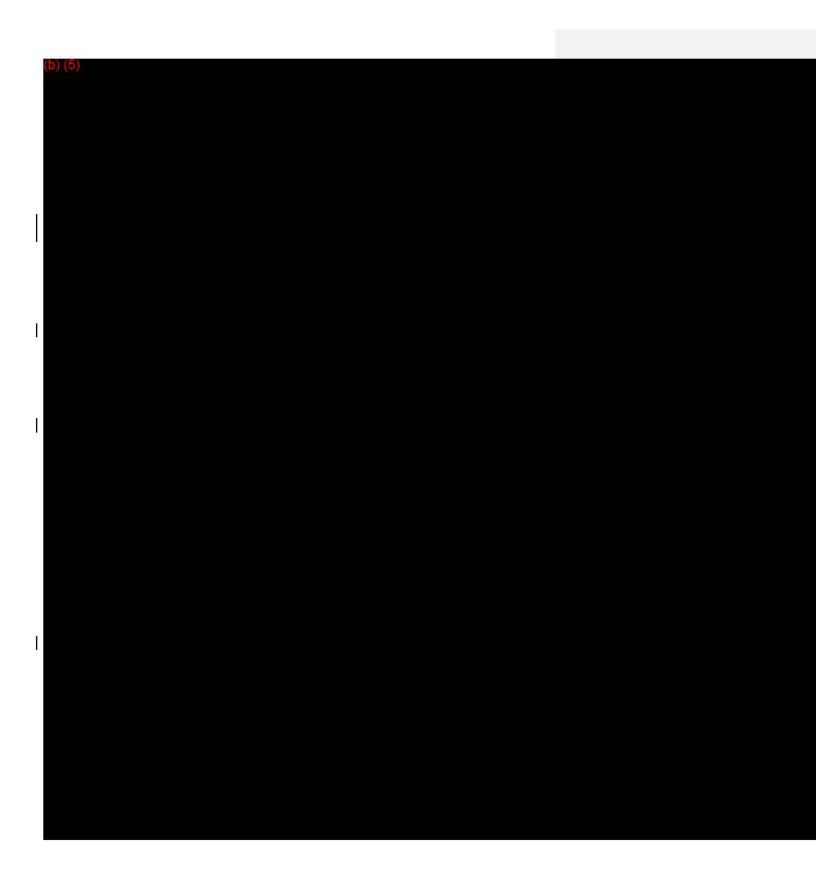
	pendix C: Various State Estimates of the Undocumented Immigrant Population			
State of Residence	OIS (2015)	Pew (2016)	Warren (2016)	
Alabama	N^1	55,000	56,000	
Alaska	N^1	5,000	N^2	
Arizona	380,000	275,000	263,000	
Arkansas	N^1	55,000	50,000	
California	2,880,000	2,200,000	2,548,000	
Colorado	N^1	190,000	184,000	
Connecticut	N^1	120,000	108,000	
Delaware	N^1	30,000	24,000	
District of Columbia	N^1	25,000	19,000	
Florida	810,000	775,000	733,000	
Georgia	390,000	400,000	353,000	
Hawaii	N^1	45,000	44,000	
Idaho	N^1	35,000	32,000	
Illinois	450,000	400,000	476,000	
Indiana	N^1	100,000	96,000	
Iowa	N^1	50,000	48,000	
Kansas	N^1	75,000	77,000	
Kentucky	N^1	35,000	36,000	
Louisiana	N^1	70,000	62,000	
Maine	N^1	5,000	N^2	
Maryland	N^1	275,000	235,000	
Massachusetts	N^1	250,000	159,000	
Michigan	N^1	100,000	101,000	
Minnesota	N^1	95,000	89,000	
Mississippi	N^1	20,000	18,000	
Missouri	N^1	60,000	54,000	
Montana	N^1	5,000	N^2	
Nebraska	N^1	60,000	49,000	
Nevada	N^1	210,000	176,000	
New Hampshire	N^1	10,000	12,000	
New Jersey	440,000	475,000	452,000	
New Mexico	N^1	60,000	56,000	
New York	590,000	725,000	802,000	
North Carolina	390,000	325,000	280,000	
North Dakota	N^1	5,000	N^2	
Ohio	N^1	90,000	76,000	
Oklahoma	N^1	85,000	84,000	
Oregon	N^1	110,000	102,000	
Pennsylvania	N^1	170,000	159,000	
Rhode Island	N^1	30,000	24,000	
South Carolina	N^1	85,000	87,000	
South Dakota	N^1	5,000	N^2	
Tennessee	N^1	130,000	118,000	
Texas	1,940,000	1,600,000	1,758,000	

Utah	N^1	95,000	86,000
Vermont	N^1	5,000	N^2
Virginia	310,000	275,000	250,000
Washington	N^1	240,000	242,000
West Virginia	N^1	5,000	N^2
Wisconsin	N^1	75,000	75,000
Wyoming	N^1	5,000	56,000
National Total	11,970,000	10,700,000	10,790,000

Source: Office of Immigration Statistics, 2015; Pew Research Center, 2016; Warren, 2016.

¹ OIS (2015) does not provide estimates for the states judged to be outside the top ten in terms of undocumented immigrant population. N represents these states.

² Warren (2016) does not provide estimates for these states.



(b) (5)				
	<u>-</u>	<u></u>		

