

Address Canvassing Operation and Test

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Address Canvassing Operation Overview

Purpose:

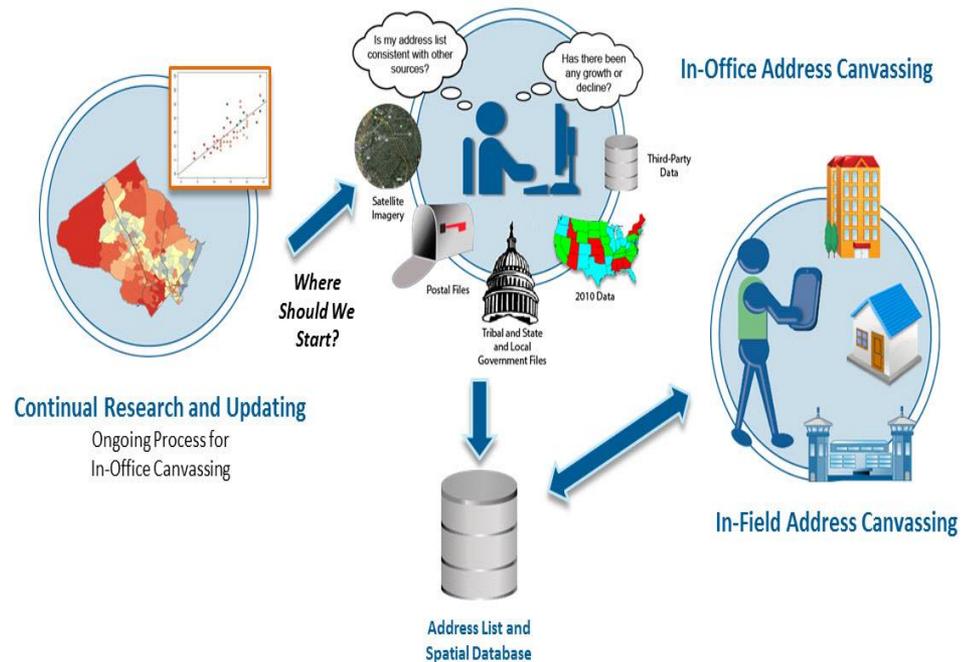
Improve and refine the Census Bureau's address list in advance of the 2020 Census Enumeration.

New Innovative Methodology:

- 100 percent In-Office Address Canvassing
- Up to 25 percent of Addresses Updated via In-Field Address Canvassing
- Monitor progress via the annual MAF Coverage Study

Status of In-Office Address Canvassing:

- Began Interactive Review process at the National Processing Center in September 2015
- Began Active Block Resolution at Census Headquarters in April 2016
- Began Active Block Resolution at the National Processing Center in July 2016



2020 Census Operational Updates

In-Office Address Canvassing Progress – Interactive Review

	Number of Blocks	Number of Addresses
Total	11,155,486	142,237,186
Complete	6,299,854 (56.5%)	85,582,675 (60.2%)
Active	993,870 (15.8%)	21,447,661 (24.9%)
Passive	4,668,534 (74.1%)	52,539,867 (61.4%)
On-Hold	619,454 (9.83%)	11,595,147 (13.6%)

Status as of close of business October 24, 2016

2020 Census Operational Updates

In-Office Address Canvassing Progress – Active Block Resolution

	Number of Blocks	Number of Addresses
Universe from Interactive Review	1,012,228	20,594,717
Worked	41,572 (4.1%)	1,045,060 (5.1%)
Resolved	30,536 (73.5%)	610,679 (58.4%)
In-Field Address Canvassing	5,620 (13.5%)	314,454 (30.1%)
On Hold – Awaiting Data/Imagery	1,064 (2.6%)	82,891 (7.9%)
On Hold – Referred to GEO Staff	1,604 (3.9%)	37,036 (3.5%)

Status as of close of business October 24, 2016

Address Canvassing Test

In-Office Address Canvassing – What Do We Know?

Goal is to send no more than 25 percent of all addresses to In-Field Address Canvassing

- Of the 60 percent of addresses through Interactive Review, 25 percent are going to Active Block Resolution (i.e., geographic areas are not stable)
- Of the 5 percent of addresses worked in Active Block Resolution, 58 percent are resolved (i.e., geographic areas do not need to go to In-Field Address Canvassing)

We can not draw definitive conclusions about the percent of addresses projected to go to In-Field Address Canvassing until:

- Interactive Review works on-hold blocks/addresses
- Active Block Resolution works more active blocks/addresses provided by Interactive Review

Address Canvassing Test

Master Address File Coverage Study

An ongoing Address Canvassing activity designed to meet the following objectives:

- Provide continuous updates to the Master Address File (MAF) for current surveys and the census
- Produce MAF coverage estimates
 - National level
 - Sub-national level (e.g. state)
- Evaluate the 2020 In-Office Address Canvassing operation

Address Canvassing Test

Master Address File Coverage Study

Fiscal Year 2016

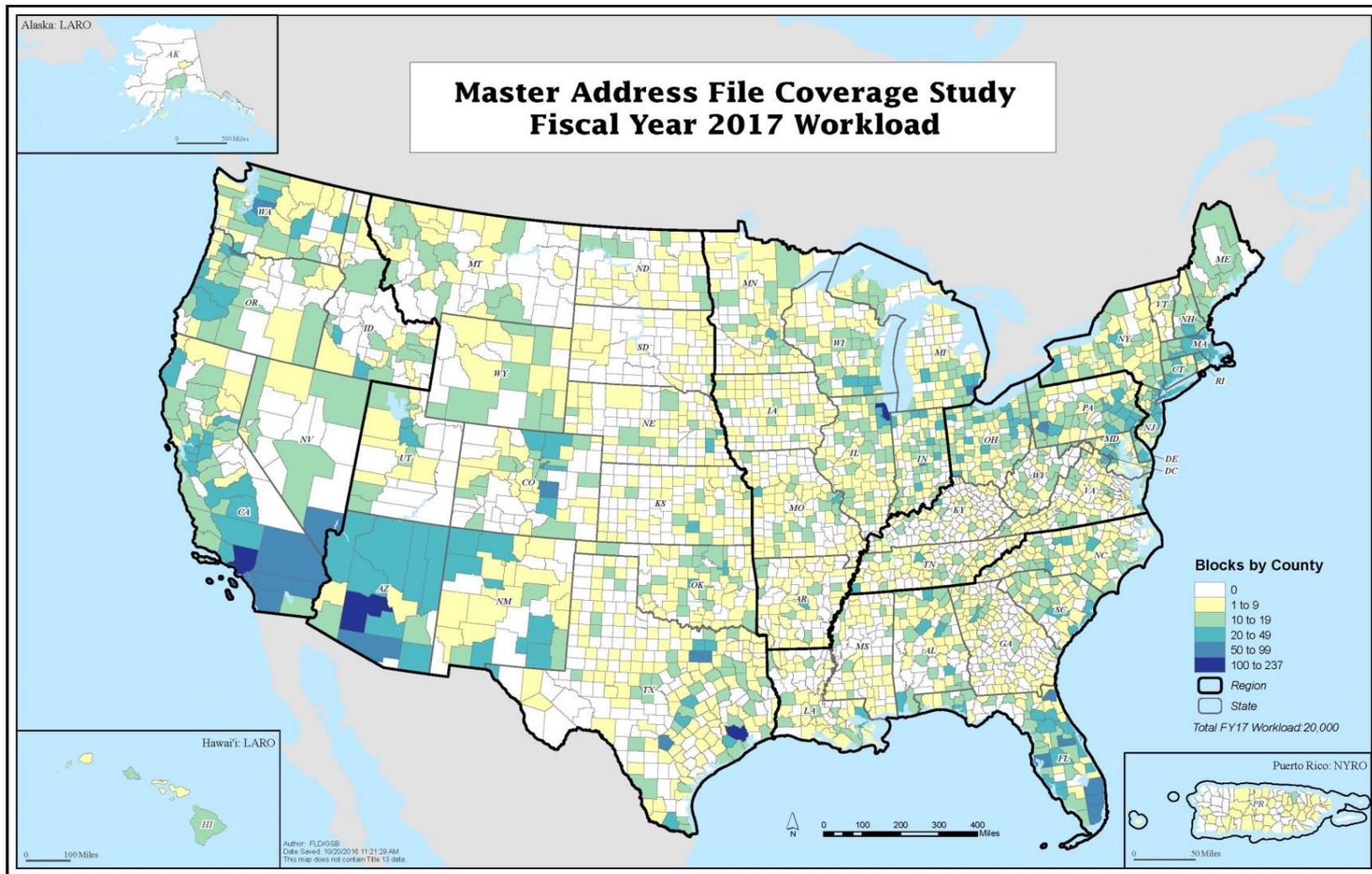
- Listed 20,000 blocks (~1 million addresses)
- 993 field representatives
- Completed work on schedule and under budget
- Data analysis has begun
- Systems: Listing and Mapping Instrument (LiMA), Regional Office Survey Control System, Mobile Case Management

Fiscal Year 2017 – Plan

- Plan to list 20,000 blocks (~1 million addresses)
- 1,030 field representatives
- Systems: Listing and Mapping Instrument (LiMA), Regional Office Survey Control System, Mobile Case Management

Master Address File Coverage Study

Fiscal Year 2017



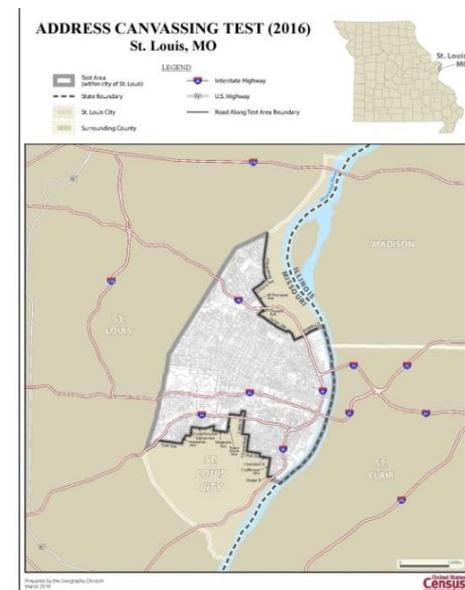
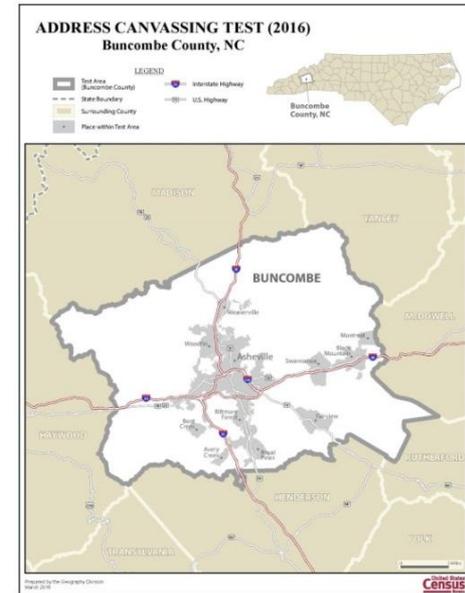
Address Canvassing Test

Overview

- Begins in the Fall 2016
- Two contiguous sites, approximately 7,500 blocks in total, Buncombe County, NC and part of the city of St. Louis, MO
 - One site is a mix of urban, suburban and rural territories
 - One site is a principal city of a metropolitan statistical area

Purpose

- Measure the effectiveness of In-Office Address Canvassing through In-Field Address Canvassing
- Measure the effectiveness of In-Field Address Canvassing
- Understand the implications of moving from Assignment Areas to Basic Collection Units (BCU)
- Conduct an In-Field Relisting to collect data to refine future Quality Control operations



Address Canvassing Test

Data Collection Methodology

100 percent In-Office Address Canvassing

- Interactive Review and Active Block Resolution will be completed prior to the beginning of In-Field Address Canvassing

100 percent In-Field Address Canvassing

- 30 days of data collection

In-Field Relisting

- 20 days of data collection conducted after the 100 percent In-Field Address Canvassing
- Sample of 1,500 blocks
- Field representative's from the initial listing will remain on board to conduct the relisting
- The field representative assigned to relist a block will be different from the field representative that conducted the initial listing
- Conducted with the same data, systems and devices as the first listing

Address Canvassing Test Staffing

Site	Position	Buncombe, NC	St. Louis, MO
Workload		115,680	106,773
Regional Census Center	Admin Specialist/Recruiter	1	1
Regional Census Center	Survey Statistician -Office	1	1
Regional Census Center	Regional Technician	1	1
Regional Census Center	Survey Support Clerk		
Regional Census Center	Recruiting Support Clerk	8	8
Regional Census Center	Administration Clerk		
Regional Census Center	Automation Support Clerk		
In-Field	Census Field Supervisor	8	8
In-Field	Lister (Field Representative)	136	126

Address Canvassing Test

Operational Milestones

Activity	Date	
Hire Regional Census Center Manager and Administrative Specialist	May 31, 2016	✓
Hire Regional Technicians	June 13, 2016	✓
Hire Regional Census Center Clerks	June 27, 2016	✓
Open Regional Census Centers	July 6, 2016	✓
On-Board Decennial Service Center Staff	June 14 – September 2, 2016	✓
Conduct Regional Census Center Management Overview Training	August 9 – August 10, 2016	✓
Conduct Interactive Review	August 23 – September 12, 2016	✓
Release Systems into Production	August 29, 2016	✓
Conduct Active Block Resolution	September 12 – November 4, 2016	
In-Field Data Collection	October 3 – November 15, 2016	
In-Field Relisting Data Collection	November 16 – December 16, 2016	
Release Address Canvassing Test Analysis Report (through clearance)	April 29, 2017	

Address Canvassing Test

Progress Report as of October 24, 2016

	Workload	Staff	Assigned	Complete
Atlanta	3,454	136	3,341 (96.7%)	3,103 (89.8%)
Chicago	4,096	126	3,950 (96.4%)	3,692 (90.1%)
Total	7,550	262	7,291 (96.6%)	6,795 (90.0%)

Source: UTS

Notes:

1. Expected completion = 47 percent
2. Expected staffing = 100 percent
3. Atlanta has completed 89.8 percent of the BCUs (blocks) , which contain 56.3 percent of the addresses
4. Chicago has completed 90.1 percent of the BCUs (blocks), which contain 71.3 percent of the addresses
5. In-Field Relisting began October 14, 2016

Address Canvassing Test

Next Steps

- Evaluate the results of the 2016 Master Address File Coverage Study
- Complete the Address Canvassing Test
- Evaluate the results of the Address Canvassing Test
- Implement the following to In-Office Address Canvassing:
 - Group Quarters Review
 - Ungeocoded Resolution
- Continued support of the system design/build/test for 2020