



2018 End-to-End Census Test: Address Canvassing

Presentation to the National Advisory Committee

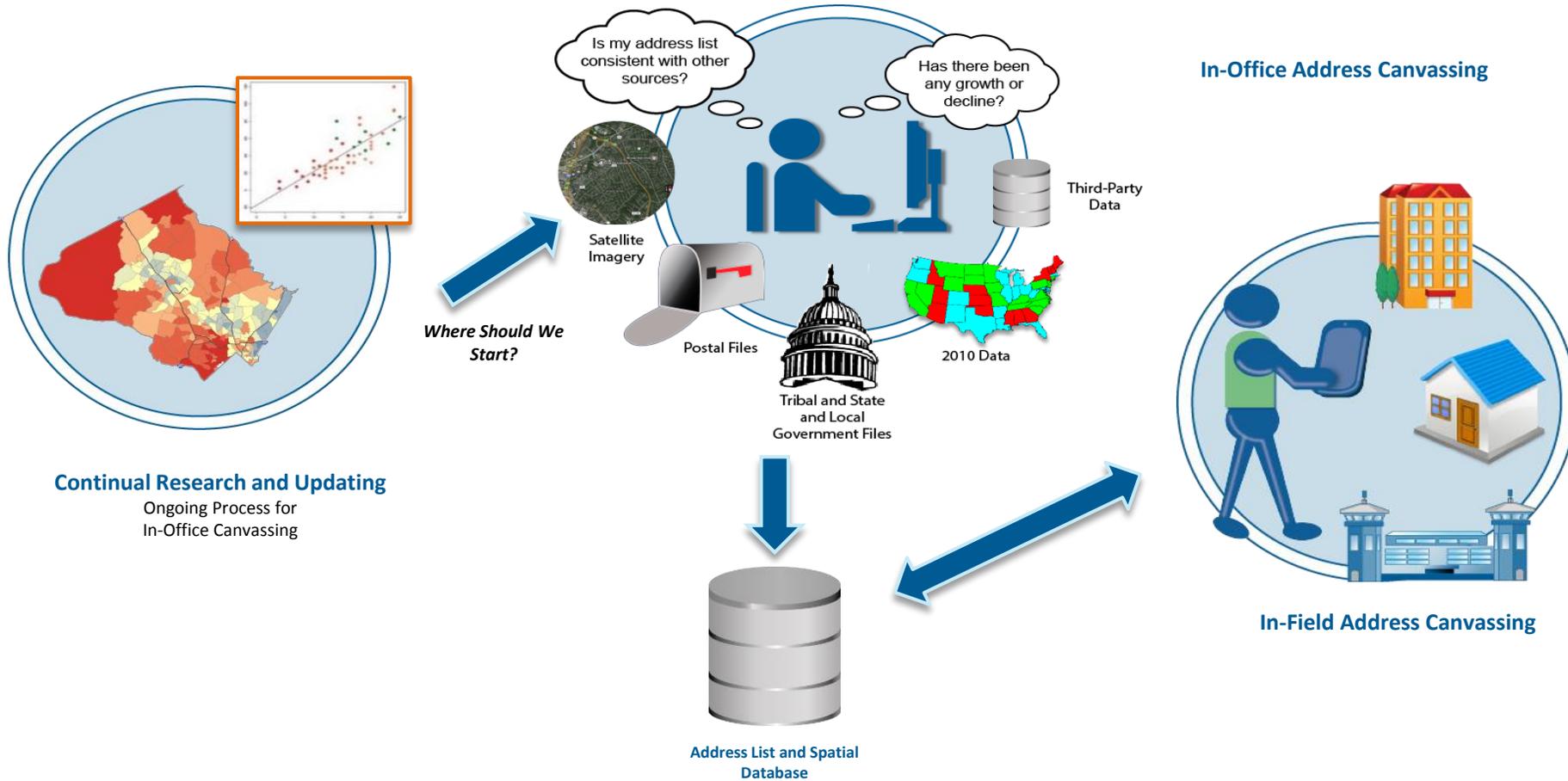
November 2, 2017

Ian Hull

Decennial Census Management Division

2018 End-to-End Census Test

Address Canvassing: Overview



2018 End-to-End Census Test

Recent In-Office Address Canvassing Developments

Accomplishments

- Completed first-pass of nation through Interactive Review
- Development of triggers
- Deployment of Ungeocoded Resolution operation
- Deployment of Group Quarters In-Office Address Canvassing operation

Changes

- Suspension of Active Block Resolution (ABR)

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In-Office Address Canvassing Status (as of October 24, 2017)

Status	Blocks	Percent of Blocks	Housing Units	Percent of Housing Units
Stable/Passive	8,402,818	75.32%	89,728,353	60.51%
Active	1,963,207	17.60%	42,525,031	28.68%
On-Hold	607,303	5.44%	12,301,735	8.30%
Triggered	182,157	1.63%	3,728,752	2.51%
Total	11,155,485	100%	148,283,871	100%

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Address Canvassing: Overview

Objectives of the Test

- Test listing capabilities required by In-Field Address Canvassing
- Conduct Quality Control operation for In-Field Address Canvassing
- Validate the creation In-Field Address Canvassing workload by In-Office Address Canvassing operation

Methodology

- Conduct In-Field Address Canvassing in three test site locations
- Implementation of Independent Quality Control
- Workload inclusion
 - Active blocks
 - On-hold blocks (No resolution from Interactive Review)
 - Blocks resolved by Active Block Resolution (ABR currently suspended and will not be used in 2020)

Approach

- Use enhanced version of the Listing and Mapping Application (LiMA) that supports quality control operations
- Integrate with Enterprise Censuses and Surveys Enabling (ECaSE) Field Operational Control System using our Mobile Case Management (MCM) system
- ECaSE time and expense
- Use automated training solution

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Key Activities for Address Canvassing

Activity	Date	
Conduct Production Census Field Supervisor (CFS) Training	July 31, 2017	✓
Conduct Quality Control (QC) CFS Training	August 8, 2017	✓
Conduct Production Lister Training	August 18, 2017	✓
Conduct QC Lister Training	August 25, 2017	✓
Start Production Listing	August 28, 2017	✓
Start QC Listing	September 5, 2017	✓
Conclude Production Listing	September 29, 2017	✓
Conclude QC Listing	October 6, 2017	✓

*Delayed the opening of the Area Census Offices.

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Address Canvassing: Operational Scope

Address Canvassing Operation

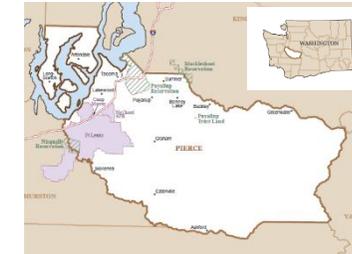
- Three sites: Providence County, Rhode Island; Pierce County, Washington; Bluefield-Beckley-Oak Hill, West Virginia

Operation	Workload Unit	Test Site			Total
		Pierce County, WA	Providence County, RI	Bluefield-Beckley-Oak Hill, WV	
Total Housing Units	-	338,000	273,000	165,000	776,000
In-Field Address Canvassing	HU	~175,000	~102,000	~64,000	~341,000

Providence County, RI



Pierce County, WA



Bluefield-Beckley-Oak Hill, WV



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Address Canvassing: Final Work Completed

Site	Block Workload	Original Addresses in Workload	Blocks Sampled into Quality Control
Bluefield-Beckley-Oak Hill, West Virginia	2,348	63,536	328
Providence County, Rhode Island	2,956	101,635	380
Pierce County, Washington	2,992	175,249	374
2018 End-to-End Census Test Total	8,296	340,420	1,082

2018 End-to-End Census Test

Successes/Lessons Learned

Successes

- Integration with Enterprise Censuses and Surveys Enabling (ECaSE) – Operational Control System
- Implementation of listing Quality Control component
- Implementation of field management alerts
- Assignment of large blocks at beginning of the operation

Lessons Learned

- Some aspects of technical training require improvement
- Encountered connectivity issues that will require remediation
- Revisit the business rules for optimizing assignments
- Develop operational constraints for working in a disconnected state

