

2020 Post-Enumeration Survey (PES)

December 9, 2020

Presented by:

- Pramod G. Chandewar
- John T. Baker, II
- Sherry E. Thorpe Williams
- Alexander S. Vallens
- T. Trang Nguyen
- Alicia V. Green
- Kristine Roinestad
- RJ Marquette

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PES Bottom Line Up Front (BLUF)

Update as of December 9, 2020

PES OD 15.6 – Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

- PI/PI RI FLD operation progress has slowed due to attrition, lockdowns and restricted access.
 - Allowing phone interviews in certain geographies with travel restrictions or lockdowns.
 - Tribal lands with lockdowns or restrictions including Navajo and NM Pueblos.
 - Selected former NRFU enumerators and beginning on boarding process.

PES OD 15.7 – Person Interview (PI) Clerical Geocoding (CGC)

- Conduct Operation started on Nov 23, 2020
 - Wave 1 – Completed
 - Wave 2 – In Progress

PES OD 15.8 – Person Interview (PI) Clerical Residence Status Coding (RSC)

- Training starting on Dec 17, 2020.
- Conduct Operation starting on Dec 21, 2020 instead of Dec 10, 2020.

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

OD 15.6

Review	Date
TRR	01/31/2020
PRR	04/24/2020
ORR	06/25/2020
Clerical Matching Training Checkpoint	06/25/2020
PI Field Training ORR	08/03/2020
Conduct	09/23/2020

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PES 15.6 – Create PI Sample, Person Interview (PI) Operation PI Operation

Activity	Schedule	New end dates
PI Sample	July 23 – Nov 20	
PI Production	Sept 23 – Dec 11	Dec 30, 2020
PI RI Production	Sept 30 – Dec 18	Jan 7, 2021

- NRFU Enumerators are being onboarded and trained.
- RCCs still running replacement training.

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation (2 Weeks Before and 2 weeks After)

PES OD 15.6 Activities	Start	Finish	Status	Comments
PI Laptops Provisioning	07/20/20	08/26/20	In progress	
Conduct PES IHU AFU Clerical Matching – Production	08/14/20	11/04/20	Complete	
Start of 15.6 PI PRODUCTION Operation	09/23/20	12/11/20	In progress	Targeted to complete on 12/30/20
Start of 15.6 PI RI PRODUCTION Operation	09/30/20	12/18/20	In progress	Targeted to complete on 1/7/21
PES-PCS creates & releases SCIF to MCS for WAVE 7	11/16/20	11/20/20	Complete	
NPC Prints (updated) Small Format maps for Wave 8	11/20/20	12/01/20	Complete	
PES Conducts PI Post Processing	1/11/21	1/22/21		
PES PCS sends files to DSSD	1/12/21	1/21/21		
PES PCS to deliver wave 3 files to MAF/TIGER for auto geocoding		1/22/21		
MAF/TIGER to deliver wave 3 files with geocodes to PES-PCS	1/22/21	2/3/21		
MAF/TIGER delivering wave 3 files with geocodes to DSSD	1/22/21	2/3/21		

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Periodic Performance Management Reports

2020 Census: Post Enumeration Survey Person Interviewing Staffing

Status:

● On Track

Data current as of:

December 8, 2020

Completion Date:

October 7, 2020

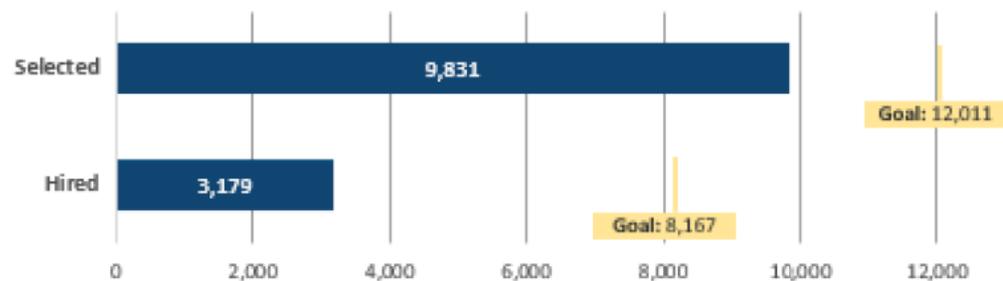
Notes:

- The data shown on the report cover both production and quality control CFSs and listers.
- Training for new CFSs began on August 17 and completed on September 8. Training for CFSs that have carried over from IHUFU began on September 16 and completed on October 7.
- Training for new enumerators began on August 31 and completed on September 28. Training for enumerators that have carried over from IHUFU began on September 16 and completed on October 7.

Onboarding Status for Census Field Supervisors



Onboarding Status for Listers



Pre-decisional - Internal Only - Not for Public Distribution.

Source: 2020 R&A/DAPPS Applicant Summary Report

Shape
your future
START HERE >

United States
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PI FLD Production Report

PES: PI Production Progress Report

2020/06		12/9/20							Schedule Status	Closed Out
RCC	Total Workload									
	Workload	# Open	Complete	% Complete	Goal	Goal %	# Not Started			
New York	24,753	3,575	20,303	82.0%	19,057	77.0%	875	On Schedule through COB yesterday!		
Puerto Rico	8,532	679	7,162	83.9%	5,219	61.2%	691	On Schedule through COB yesterday!		
Philadelphia	27,730	2,525	23,231	83.8%	19,452	70.1%	1,974	On Schedule through COB yesterday!		
Chicago	26,696	3,462	20,901	78.3%	21,529	80.6%	2,333	Behind yesterday's COB goal by 628 HUs		
Atlanta	32,705	2,011	28,967	88.6%	23,632	72.3%	1,727	On Schedule through COB yesterday!		
Dallas	39,713	3,665	28,922	72.8%	29,917	75.3%	7,126	Behind yesterday's COB goal by 995 HUs		
Los Angeles	35,984	2,160	33,051	91.8%	28,334	78.7%	773	On Schedule through COB yesterday!		
National	196,113	18,077	162,537	82.9%	147,140	75.0%	15,499	On Schedule through COB yesterday!		

National Production Goal for 12-08-20 is 75.0%

Waves	Cases	Date started	RCC Goals differ due to varying workload distribution across Waves.
1 & 2	2118	9/23/2020	
3	7643	10/6/2020	
4	19128	10/14/2020	
5	47821	10/22/2020	
6	38880	10/29/2020	
7	80523	11/19/2020	

PI RI FLD Production Report

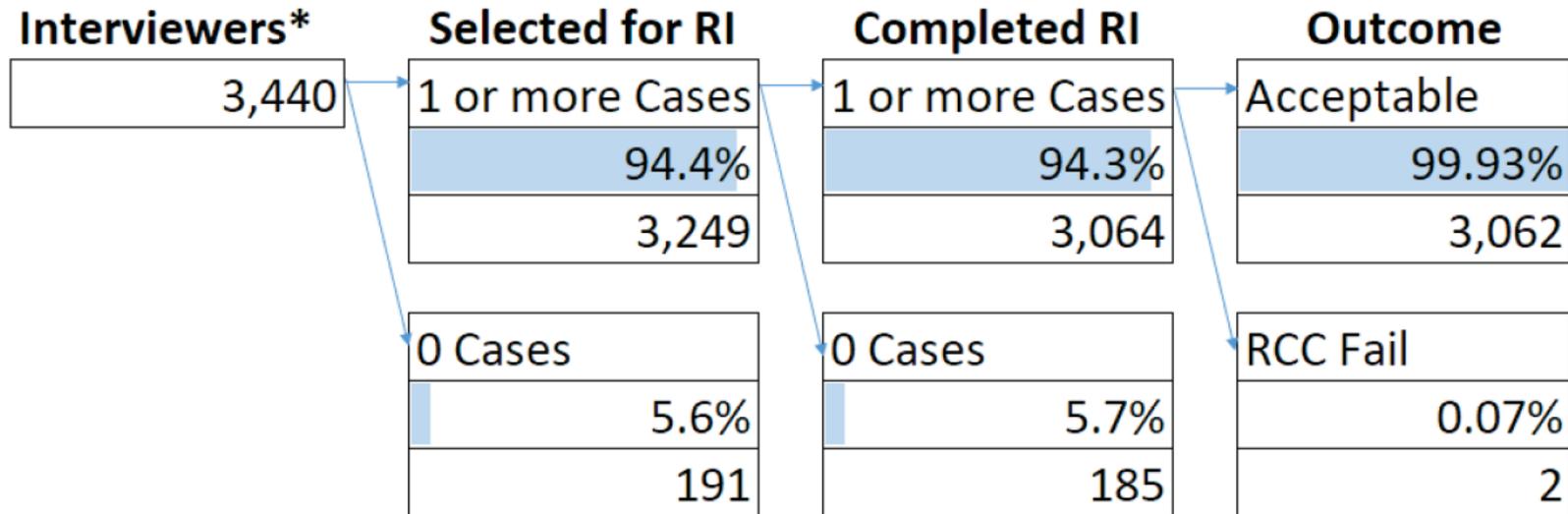
PES: PI RI Status Report					
2020/06	12/9/20				
RCC	QC Current Workload				
	Current Workload	# Open	Complete	Current Workload % Complete	# Not Started
New York	2,902	352	2,357	81.2%	193
Puerto Rico	922	57	810	87.9%	55
Philadelphia	3,432	519	2,631	76.7%	282
Chicago	2,943	264	2,410	81.9%	269
Atlanta	3,899	480	3,058	78.4%	361
Dallas	3,600	469	2,857	79.4%	274
Los Angeles	4,935	819	3,684	74.7%	432
National	22,633	2,960	17,807	78.7%	1,866

2020 PI Reinterview Overview

PI Reinterview Progress – Interviewers

Note: These data may differ from other reports due to time lag.

Data as of: 12/09/2020, 2 am
Source: SMarCS



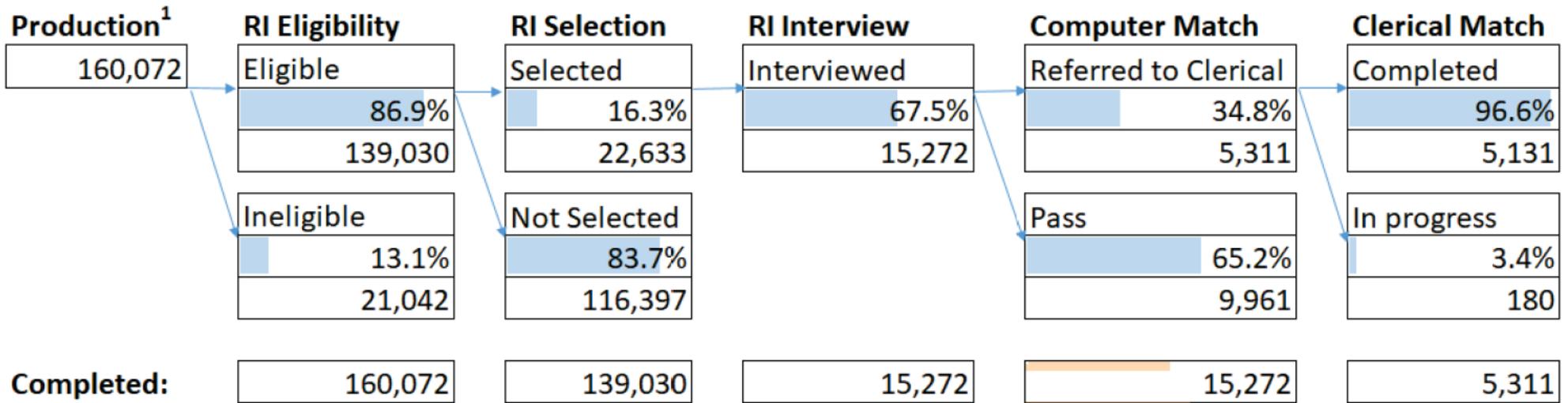
*With at least one PI case completed.

2020 PI Reinterview Overview

PI Reinterview Progress – Case Level

Note: These data may differ from other reports due to time lag.

Data as of: 12/09/2020, 2 am
Source: SMarCS



¹ Cases completed and received by SMarCS.

2020 PI Reinterview Overview

PI Reinterview Outcomes

Note: These data may differ from other reports due to time lag.

Data as of: 12/09/2020, 2 am
Source: SMarCS

PI RI Outcomes	Today		Last Week		Change Since Last Week
	Count	Percent	Count	Percent	Count
Total Cases Completed Coding	15,092	-	12,295	-	2,797
Passed	14,677	97.3%	11,971	97.4%	2,706
<i>Pass Computer</i>	9,961	67.9%	8,176	68.3%	1,785
<i>Pass Clerical</i>	4,716	32.1%	3,795	31.7%	921
Failed Clerical	415	2.7%	324	2.6%	91
Hard Fail Recommendation	0	0.00%	0	0.00%	0

2020 PI Reinterview Overview

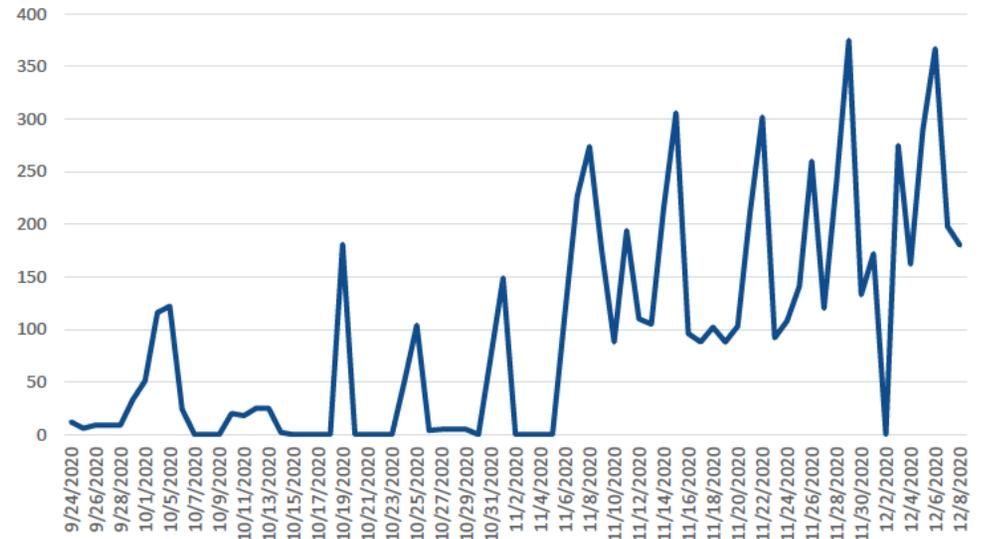
PI RI Clerical Resolution Progress

Note: These data may differ from other reports due to time lag.

Data as of: 12/09/2020, 2 am
Source: SMarCS

Overall Progress	Overall
Total Clerical Cases	5,311
Cases Worked	5,131
Cases Remaining	180
Average Cases Per Day in the Last Week	145
Cases Worked Yesterday	198
Clerks ¹	13

Remaining Clerical Cases



¹ Any clerk who worked at least one case during the operation.

PI Clerical Geocoding (CGC)

OD 15.7

Review	Date
TRR	03/16/2020
PRR	06/08/2020
ORR	10/13/2020
Clerical Matching Training Checkpoint	10/13/2020
Conduct	11/09/2020

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PES OD 15.7 - PI Clerical Geocoding (CGC) Staffing

- NPC staff and HQ* staff are working on wave 2 CGC.
- Regional Geographers to start in Jan 2021 for wave 3 CGC.

	In Production	In Training	Not Yet Trained
NPC Technicians	37	203	0
NPC Analysts (QC)	13	41	0
HQ Technicians**	19	43	0
HQ Analysts (QC)	0	0	0
Regional Geographers (QC)**	0	0	32

* HQ staff is working part time.

** Our goal is to get these volunteers ready to work as analysts.

Counts as of Wednesday morning 12/9/20.

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

PES OD 15.7 - PI Clerical Geocoding (CGC) Production Report

Activity	Schedule
CGC	Nov 23 – March 15, 2021

	Wave 1	Wave 2	Wave 3*
Total CGC Workload			
CGC Batches	9	287	
Addresses in CGC Batches	205	6,966	
CGC Technician Status (Number of Batches)			
Ready	0	185	
Working	0	58	
Complete	9	44	
CGC Analyst Status (QC) (Number of Batches)			
Ready	0	35	
Working	0	8	
Complete	9	1	

* Wave 3 CGC workload will be available in early February.

Results as of Wednesday morning 12/9/20.

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PES 15.7 PES Person Interview (PI) Clerical Geocoding (CGC)

Clerical Geocoding Milestone Chart	Start	Finish	Status	Comments
PES PCS Creates Clerical Geocoding Files and is validated by DSSD for WAVE 1: Person Other Address Link File, PI Unit File, PI Person File	11/4/2020	11/6/2020	Complete	
Conduct CGC Training 1 (WAVE 1) for Technicians & Analysts	11/19/2020	12/04/2020	Complete	IHU AFU Staff/HQ Staff
Conduct QC Training (WAVE 1) for Analysts	12/08/2020	12/08/2020	Complete	
Conduct PES Clerical Geocoding (Wave 1)	11/23/2020	12/14/2020	Complete	Anticipating smaller wave 1
Conduct CGC Training (WAVE 2) for new Technicians & Analysts	12/9/2020	12/18/2020	In Progress	NRFU Staff/HQ Staff/NPC Analyst being hired
Conduct CGC QC Training (WAVE 2) for Analysts	12/21/2020	12/21/2020		
PES PCS Creates Clerical Geocoding Files and is validated by DSSD for WAVE 2: Person Other Address Link File, PI Unit File, PI Person File	12/8/2020	12/9/2020	Complete	
Conduct PES Clerical Geocoding (Wave 2)	12/15/2020	1/15/2021	In Progress	
PES PCS Creates Clerical Geocoding Files and is validated by DSSD for WAVE 3: Person Other Address Link File, PI Unit File, PI Person File	12/28/2020	12/29/2020		
Conduct PES Clerical Geocoding (Wave 3)	1/19/2021	2/26/2021		Targeted to complete 03/15/21
CMMU Performs closeout duties	3/01/2021	3/02/2021		Targeted for 3/16/21
DSSD receives Geocoded output				

Shape
your future
START HERE >

Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Program-level Testing Updates

15.8 – PI Clerical Residence Status Coding (RSC)

15.9 – PI Duplicate Search

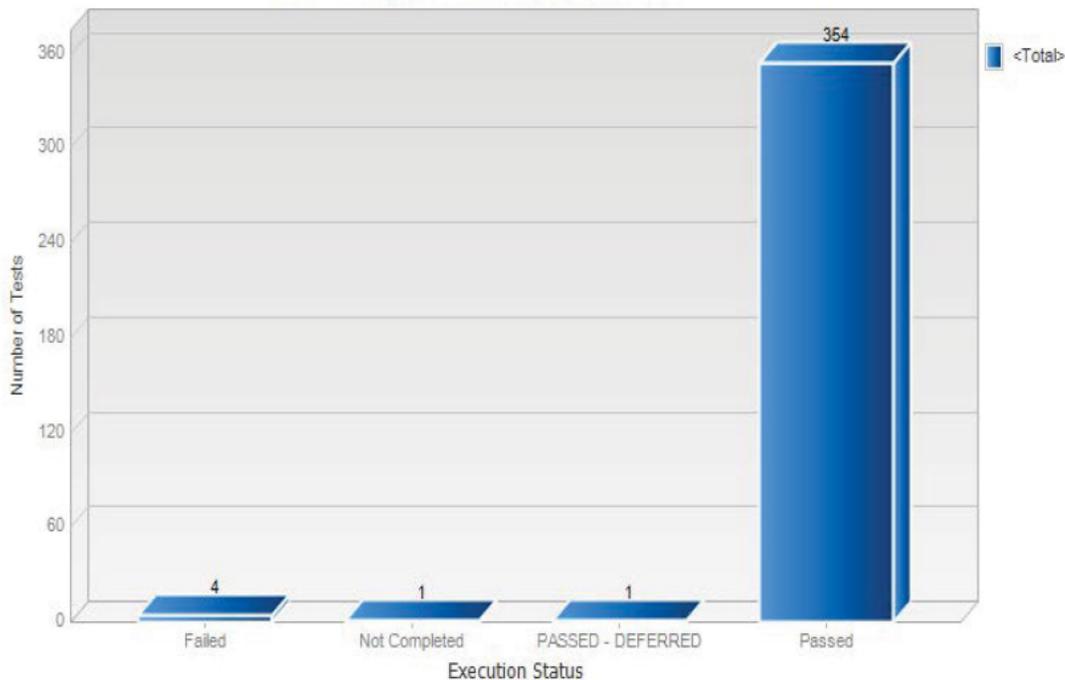
Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

15.8 – Program-level Testing: RSC

15.8 RSC Test Cases By Application (Execution Status)



- Testing for RSC is 99% complete with no critical or major defects.
- DSSD and CMMU are addressing the final defect that impacts the remaining failed test cases.
- Testing will conclude by Friday, December 11.
- No impact to production

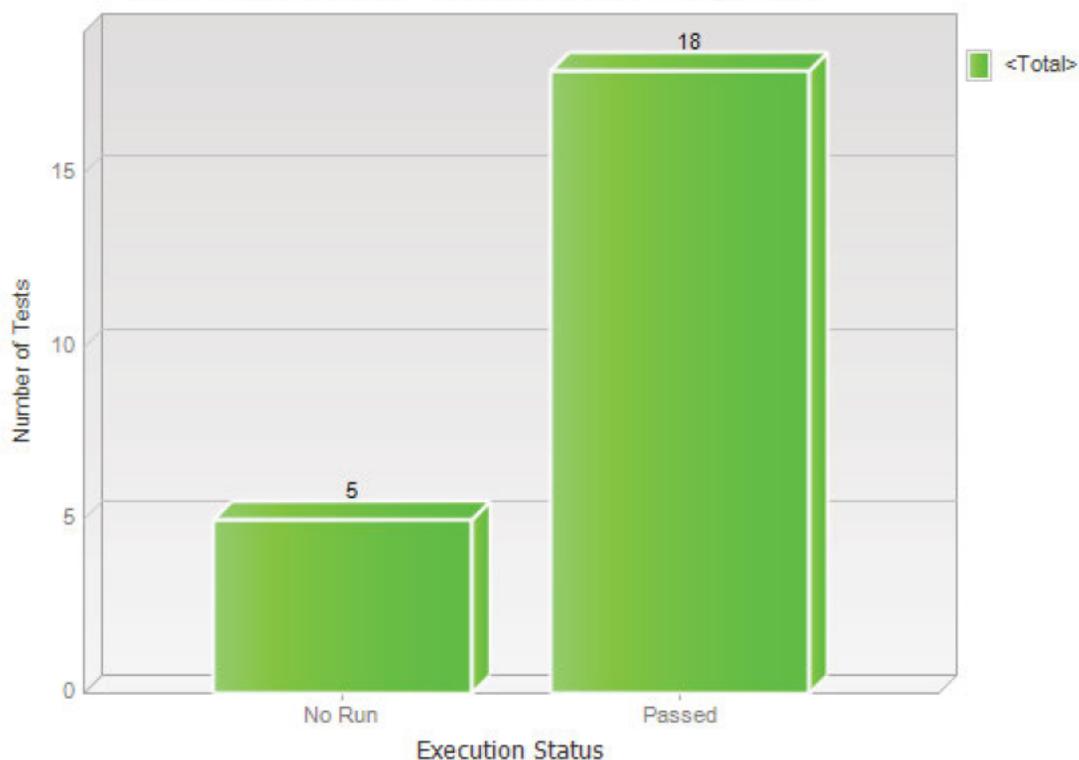
Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

15.9 – PI Duplicate Search

15.9 PI Duplicate Search Test Cases By Application (Execution Status)



- This subOD focuses on gathering input files used in 15.10.
- To complete this subOD, we need the CUF1 delivered to DSSD by December 28.
- Testing started for this subOD on October 28.
- Testing is planned to end January 8, 2021, but will be adjusted based on the delivery of the CUF1.

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Operation Readiness Summary for OD 15.7 Person Interview Clerical Geocoding (CGC)

The ORR was approved on 10/13/2020. There is 1 open action item out of 11 at time of ORR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Receipt of Signatures for 3 ICDs	Complete	11/24/2020
Completion of PES Program-Level TAR	In-progress	12/11/2020

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Person Interview Clerical Residence Status Coding (RSC)

OD 15.8

Review	Date
TRR	04/21/2020
PRR	07/14/2020
ORR	11/18/2020
Clerical Matching Training Checkpoint	11/18/2020
Conduct	12/10/2020

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

PES OD 15.8 – Person Interview (PI) Clerical Residence Status Coding (RSC) Staffing

- NPC Staff and HQ* Staff to start with wave 1 RSC workload.
- Regional Geographers staff to start with wave 2 RSC workload.

* HQ staff is working part time.

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Operational Readiness Summary for OD 15.8 Person Interview Clerical Residence Status Coding (RSC)

The ORR was approved on 11/18/2020. There are 3 open action items out of 5 at time of ORR.

Open Item	Status	Expected Completion Date
Completion of PES Program-Level Testing	In-Progress	12/11/2020
Completion of PES Program-Level TAR	In-Progress	12/18/2020
Complile list of RSC Wave 1 staff to give to CMMU	Complete	12/04/2020
Send Pete list of reasons why PES is starting Conduct of 15.8 late	Complete	11/20/2020
Receipt of Signatures for CMMU to DSSD ICD	In-Progress	12/11/2020

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Final Housing Unit Before Follow-up

OD 15.14

Review	Date
TRR	12/07/2020
PRR	03/01/2021
ORR	07/13/2021
Clerical Matching Training Checkpoint	06/22/2021
Conduct	08/10/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Test Readiness Summary for OD 15.14 Final Housing Unit Before Follow-up

The TRR was approved on 12/07/2020. There are 17 open action items out of 17 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
CMMU to complete Project-Level Development/Testing/Pairwise testing/deliver code to Program Level Testing	In-Progress	01/29/2021
CMMU receives 508 compliance	In-Progress	07/13/2021
CMMU deliver Project-Level artifacts	In-Progress	01/29/2021
Receipt of 3 Pairwise Acknowledgements for CMMU to NPC Printing ICD	In-Progress	01/29/2021
Completion of PES Program-Level Test Plan/Test cases	In-Progress	03/15/2021
Completion of Data Lineage	In-Progress	01/29/2021
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-Progress	03/15/2021
Delivery of final spec - PES 080/081	In-Progress	12/21/2020

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Back-up Slides

OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

PES OD 15.6 Activities	Start	Finish	Status	Comments
PI Laptops Provisioning	07/20/20	08/26/20	In progress	
NPC Prints Small Format Maps Wave 1	06/03/20	06/16/20	Complete	
NPC Prints Small Format Maps Wave 2	06/16/20	06/23/20	Complete	
NPC Prints Small Format Maps Wave 3	07/07/20	07/10/20	Complete	
Train HQ Clerical Matchers on Early IHU AFU Clerical Matching	06/25/20	06/29/20	Complete	
Early HQ IHU AFU Clerical Matching – Production	06/30/20	8/13/20	Complete	Completed on 07/08/2020
Train NPC & HQ Clerical Matchers on IHU AFU Clerical Matching	07/23/20	07/31/20	Complete	Completed on 08/03/2020
PES-PCS creates Individual PEL for Wave 1	07/23/20	07/24/20	Complete	
PES-PCS creates PI Subsample for Wave 1	08/03/20	08/07/20	Complete	
NPC & HQ Clerical Matchers IHU AFU Prequal & DSSD provides Prequal Feedback	08/10/20	08/13/20	Complete	
Conduct PES IHU AFU Clerical Matching – Production	08/14/20	11/04/20	Complete	
PES-PCS creates and releases SCIF for Wave 1 to MCS	08/17/20	08/27/20	Complete	60 BCUs
PI CFS Training	08/17/20	08/31/20	Complete	
PI RI CFS Training	08/24/20	09/08/20	Complete	
PES-PCS creates PEL for WAVE 2	08/24/20	09/21/20	Complete	
NPC Prints (updated) Small Format maps for Wave 2	08/24/20	09/21/20	Complete	Only 1 Map
PI Enumerator Training	08/31/20	09/18/20	Complete	
PES-PCS creates subsample for WAVE 2	09/01/20	09/02/20	Complete	
PI RI Enumerator Training	09/08/20	09/28/20	Complete	
Start of 15.6 Soft Launch (conduct by Enumerator)	09/14/20	09/22/20	Complete	
PES-PCS creates & releases SCIF to MCS for WAVE 2 SCIF	09/09/20	09/14/20	Complete	Approximately 70 BCUs
Start of 15.6 PI RI Soft Launch (conduct by Enumerator)	09/17/20	09/29/20	Complete	

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

PES OD 15.6 Activities	Start	Finish	Status	Comments
PES-PCS creates WAVE 3 PEL	09/15/20	09/16/20	Complete	DSSD validated the PEL
NPC Prints (updated) Small Format maps (wave 3)	09/15/20	10/07/20	Complete	
PES-PCS creates WAVE 3 Subsample	09/22/20	09/23/20	Complete	
Start of 15.6 PI PRODUCTION Operation	09/23/20	12/11/20	In progress	Targeted to complete on 12/30/20
PES-PCS creates & releases WAVE 3 SCIF to MCS	09/29/20	10/07/20	Complete	
PES-PCS creates PEL for WAVE 4	09/25/20	09/28/20	Complete	
NPC Prints (updated) Small Format maps for Wave 4	09/25/20	10/14/20	Complete	
PES-PCS creates Subsample for WAVE 4	09/30/20	10/01/20	Complete	
Start of 15.6 PI RI PRODUCTION Operation	09/30/20	12/18/20	In progress	Targeted to complete on 1/7/21
PES-PCS creates & releases SCIF to MCS for WAVE 4	10/06/20	10/14/20	Complete	
PES-PCS creates PEL for WAVE 5	10/07/20	10/08/20	Complete	
NPC Prints (updated) Small Format maps for Wave 5	10/07/20	10/26/20	Complete	
PES-PCS creates Subsample for WAVE 5	10/13/20	10/14/20	Complete	
PES-PCS creates & releases SCIF to MCS for WAVE 5	10/19/20	10/26/20	Complete	
PES-PCS creates PEL for WAVE 6	10/23/20	10/26/20	Complete	
NPC Prints (updated) Small Format maps for Wave 6	10/23/20	11/09/20	Complete	
PES-PCS creates Subsample for WAVE 6	10/28/20	10/29/20	Complete	
PES-PCS creates & releases SCIF to MCS for WAVE 6	11/03/20	11/09/20	Complete	
End of IHU AFU Clerical Matching	-	11/04/20	Complete	
PES-PCS creates PEL for WAVE 7	11/05/20	11/06/20	Complete	PEL to be created on 11/07
NPC Prints (updated) Small Format maps for Wave 7			Complete	
PES-PCS creates Subsample for WAVE 7	11/10/20	11/11/20	Complete	
PES-PCS creates & releases SCIF to MCS for WAVE 7	11/16/20	11/20/20	Complete	SCIF targeted to be delivered before 11/20
NPC Prints (updated) Small Format maps for Wave 8	11/20/20	12/01/20	Complete	
PES Conducts PI Post Processing	1/11/21	1/22/21		

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

RR dates for PES

As of: 8/19/2020

Sub-OD	TRR	PRR	ORR
15.1 - PES Initial BCU Sample	11/05/2018	03/01/2019	06/10/2019
15.2 - Create IL SCIF	05/31/2019	08/23/2019	09/23/2019
15.3 - IL Operation	08/30/2019	11/22/2019	12/16/2019
15.4 - Create Small BCU Sub-Sample, Computer Matching, IHU BFU	11/29/2019	02/21/2020	03/17/2020
15.5 - IHUFU Operation	12/20/2019	03/13/2020	06/23/2020
15.6 - IHU AFU, Create PI Sample, PI Operation	01/31/2020	04/24/2020	06/25/2020
15.7 - PI Clerical Geocoding (CGC)	03/16/2020	06/08/2020	10/13/2020
15.8 - PI Clerical Residence Status Coding (RSC)	04/21/2020	07/14/2020	11/18/2020
15.9 - PI Duplicate Search	06/22/2020	09/14/2020	01/13/2021
15.10 - PFU E-Sample, PFU CUF, PFU Computer Matching	07/20/2020	10/09/2020	02/10/2021
15.11 - Person BFU	08/20/2020	11/12/2020	03/18/2021
15.12 - PFU Operation	09/18/2020	12/11/2020	04/08/2021
15.13 - PI CUF, PI CEF, Person AFU	10/09/2020	01/07/2021	05/03/2021
15.14 - FHU BFU	12/07/2020	03/01/2021	07/13/2021
15.15 - FHUFU Operation, FHU AFU	01/15/2021	04/12/2021	08/05/2021
15.16 - Autocoding	05/18/2020	08/24/2020	02/17/2021
15.17 - FHUFU Computer Matching/ Processing, National Person Estimation	10/27/2021	01/26/2021	04/14/2021
15.18 - Housing Unit (HU) & Person Domain Estimation	03/05/2021	05/28/2021	11/03/2021

Color Key
Production Complete
RR - Completed
RR - Not Started

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

ape
ture
ERE >

United States
Census
2020

Field Training ORRs and Checkpoints*

As of: 8/19/2020

Sub-OD	Date
15.3 - IL Training	11/29/2019
15.4 - IHU BFU Clerical Matching Training Checkpoint	02/24/2020
15.5 - IHUFU Training	03/19/2020
15.6 - IHU AFU Clerical Matching Training Checkpoint	06/25/2020
15.6 - PI Training	08/03/2020
15.7 - PI Clerical Geocoding (CGC) Training Checkpoint	10/13/2020
15.8 - PI Clerical Residence Status Coding (RSC) Training Checkpoint	11/18/2020
15.11 - Person BFU Clerical Matching Training Checkpoint	02/18/2021
15.12 - PFU Training	03/15/2021
15.13 - Person AFU Training Checkpoint	04/27/2021
15.14 - FHU BFU Clerical Matching Training Checkpoint	06/22/2021
15.15 - FHUFU Training	07/19/2021
15.15 - FHU AFU Clerical Matching Training Checkpoint	08/09/2021
15.15 - FHU AFU Clerical Matching Checkpoint	08/31/2021
15.17 - FHUFU Computer Matching/Processing Checkpoint	05/27/2021
15.17 - National Person Estimation Tabulation / Dissemination Phase 2 Checkpoint	07/20/2021

Color Key
Production Complete
RR – Completed
RR – Not Started

*Please note, not all PES Sub-ODs have Field Training ORRs or Checkpoints

Autocoding

OD 15.16

Review	Date
TRR	05/18/2020
PRR	08/24/2020
ORR	02/17/2021
Conduct	03/03/2021

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Production Readiness Summary for OD 15.16 Autocoding

The PRR was approved on 08/24/2020. There are 2 open action item out of 6 at time of PRR.

Open Item	Status	Expected Completion Date
Receipt of Signatures for PCS to DRPS bi-directional ICD	In-progress	12/30/2020
Receipt of Signatures for PCS to DSSD ICD	Complete	12/30/2020
Completion of PES Program-Level Testing	Complete	12/30/2020
Completion of PES Program-Level TAR	In-progress	01/06/2021

Person Interview Duplicate Search

OD 15.9

Review	Date
TRR	06/22/2020
PRR	09/14/2020
ORR	01/13/2021
Conduct	01/29/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Production Readiness Summary for OD 15.9 Person Interview Duplicate Search

The PRR was approved on 09/14/2020. There are 5 open action items out of 6 at time of PRR.

Open Item	Status	Expected Completion Date
Completion of PES Program-Level Testing	In-progress	01/08/2021
Completion of PES Program-Level TAR	In-progress	01/15/2021
Receipt of Signatures for PEARSIS to PCS ICD	In-progress	01/08/2021
Receipt of Signatures for PEARSIS to DSSD ICD	In-progress	01/08/2021
Receipt of Signatures for PCS to DSSD bi-directional ICD	In-progress	01/08/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Person Follow-up (PFU) E-Sample, Census Unedited File (CUF), Computer Matching

OD 15.10

Review	Date
TRR	07/20/2020
PRR	10/09/2020
ORR	02/10/2021
Conduct	03/18/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Production Readiness Summary for OD 15.10 Person Follow-up (PFU) E-Sample, Census Unedited File (CUF), Computer Matching

The PRR was approved on 10/07/2020. There are 6 open action items out of 8 at time of PRR.

Open Item	Status	Expected Completion Date
Completion of PES Program-Level Testing	In-Progress	02/09/2021
Completion of PES Program-Level TAR	In-Progress	02/16/2021
Receipt of Signatures for PCS to DSSD ICD	In-Progress	02/09/2021
Receipt of Signatures for PCS to CMMU ICD	In-Progress	02/09/2021
Receipt of Signatures for MAF/TIGER to PCS ICD	In-Progress	02/09/2021
Receipt of Signatures for MAF/TIGER to DSSD ICD	In-Progress	02/09/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Person Before Follow-up (Person BFU)

OD 15.11

Review	Date
TRR	08/20/2020
PRR	11/12/2020
ORR	03/18/2021
Clerical Matching Training Checkpoint	02/18/2021
Conduct	04/20/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Production Readiness Summary for OD 15.11 Person Before Follow-up (Person BFU)

The PRR was approved on 11/09/2020. There are 11 open action items out of 12 at time of PRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Completion of PES Program-Level Testing/TAR	In-progress	03/24/2021
Completion of CMMU 508 compliance by ORR	In-progress	03/18/2021
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	01/19/2021
Receipt of Signatures for 7 A/ICDs	In-progress	03/17/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Person Follow-up (PFU)

OD 15.12

Review	Date
TRR	09/18/2020
PRR	12/11/2020
PFU Training ORR	03/15/2021
ORR	04/08/2021
Conduct	05/06/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Test Readiness Summary for OD 15.12 Person Follow-up (PFU)

The TRR was approved on 09/18/2020. There are 13 open action items out of 37 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Completion of 2 systems for Project-Level Development	In-progress	12/23/2020
Completion of 3 systems for Project-Level Testing.	In-progress	12/23/2020
Completion of 2 systems for Pairwise Testing.	In-progress	12/23/2020
Completion of 3 systems to deliver code for Program-Level Testing.	In-progress	12/23/2020
Completion of 1 A/ICDs signatures.	In-progress	12/23/2020
Delivery of 1 systems Project-Level Testing TAR.	Complete	11/21/2020
Delivery of 1 systems Project-Level Release Notes.	Complete	11/21/2020
Completion of CMMU 508 compliance by ORR.	In-progress	04/07/2021
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	02/15/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

PI CUF, PI CEF, Person AFU

OD 15.13

Review	Date
TRR	10/09/2020
PRR	01/07/2021
Clerical Matching Training Checkpoint	04/27/2021
ORR	05/03/2021
Conduct	06/07/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Test Readiness Summary for OD 15.13 PI CUF, PI CEF, Person AFU

The TRR was approved on 10/09/2020. There are 15 open action items out of 34 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
2 systems to complete Project-Level Development	In-progress	12/23/2020
3 systems to complete Project-Level Testing	In-progress	12/23/2020
3 systems to deliver code to Program-Level testing	In-progress	12/18/2020
1 systems to complete Pairwise testing	In-progress	12/23/2020
2 systems to deliver TRR artifacts	In-progress	12/18/2020
4 ICDS to receive Pairwise Acknowledgement	Complete	12/18/2020
Create Interface from ATAC to DSSD	Complete	11/30/2020
Completion of ETSB Test Interface Verification	Complete	11/30/2020
Completion of Data Lineage	In-progress	01/29/2021
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	03/01/2021
CMMU receive 508 compliance	In-progress	05/03/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Shape
your future
START HERE >

United States[®]
Census
2020

Final Housing Unit Follow-Up Computer Matching/Processing and National Person Estimation

OD 15.17

Review	Date
TRR	10/27/2020
PRR	01/26/2021
ORR	04/14/2021
FHUFU Computer Matching/Processing Checkpoint	05/27/2021
National Person Estimation Tabulation / Dissemination Phase 2 Checkpoint	07/20/2021
Conduct	06/24/2021

Shape
your future
START HERE >

United States[®]
Census
2020

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

Test Readiness Summary for OD 15.17 Final Housing Unit Follow-Up Computer Matching/Processing and National Person Estimation

The TRR was approved on 10/26/2020. There are 26 open action items out of 30 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
2 systems to complete Project-Level Development	In-progress	02/01/2021
3 systems to complete Project-Level Testing	In-progress	02/01/2021
3 systems to deliver code to Program-Level testing	In-progress	02/01/2021
3 systems to complete Pairwise testing	In-progress	02/01/2021
3 systems to deliver TRR artifacts	In-progress	02/01/2021
2 ICDS to receive Pairwise Acknowledgement	In-progress	01/15/2021
Completion of ETSB Test Interface Verification	Complete	11/25/2020
Completion of PES Program-Level Test Plan/Test Cases	In-progress	03/15/2021
Completion of Data Lineage	In-progress	01/29/2021
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	03/15/2021
CMMU receive 508 compliance	In-progress	04/14/2021

2020CENSUS.GOV

Pre-decisional - Internal Use Only - Not for Public Distribution - Disclosure Prohibited, Title 13 U.S. Code

your future
START HERE >

United States[®]
Census
2020

Issue Updates Due to COVID-19

CMDE Issues #1 and #2 - In response to COVID-19 PES operations are being delayed and other aspects of the operation are being re-tooled to adjust for that delay. The issue details the following impacts that have been or will be realized:

- 1) Schedule – This will affect the start and end dates of sampling and estimation activities, increase the duration of the person estimation activities by 20 days, and reduce the duration of the E-Sample Identification from 17 days to 5 days
- 2) Scope – Increase data review
- 3) Cost – an increase in the complexity, workload, and cost of clerical matching and followup
- 4) Quality
 - 1) Increases in recall error in PES data and results (will be mitigated with event calendars and anchors)
 - 2) Increase in unit nonresponse
 - 3) Increase in item nonresponse
 - 4) an increase in the amount of status imputation (more in-movers with unresolved census residence status and match status, as well as more census-only cases with unresolved residence and enumeration status)

Risk Updates Due to COVID-19

In response to the latest updates related to COVID-19, the following [CMFO risks](#) have been adjusted:

(a) CMFO028 COVID-19 for PES Interviewers - IF the interviewer gets COVID-19, THEN that workload may not get completed.

- No updates 12/9/2020

(b) CMFO029 COVID-19 for PES Census Field Supervisor (CFS) - IF the Census Field Supervisor (CFS) gets COVID-19, THEN their cases may not get reassigned and reviewed.

- No updates 12/9/2020

(c) CMFO027 Delay in Person Interview (PI) Training of Listers - IF the Listers cannot onboard and get trained in time, THEN there will be delays with getting the new hires on boarded and trained, leading to possible delays in production.

- No updates 12/9/2020

(d) CMFO010 Natural Disasters – IF a natural disaster occurs in an area around the time PES is conducting the field operations, THEN PES will not be able to complete field operations on schedule.

- No updates 12/9/2020

Issue Updates Due to COVID-19

As of: 12/9/2020 

In response to the latest updates related to COVID-19, the following [CMFO issues](#) have been adjusted:

- (a) Issue 02 Natural Disasters - Due to the hurricanes and current pandemic, listers have experienced delays in completing cases. PES will not be able to complete field operations on schedule or nonresponse will be increased.
- No updates 12/9/2020

Risk Updates Due to COVID-19

As of: 12/9/2020 

In response to the latest updates related to COVID-19, the following [CMM risks](#) have been adjusted:

- (a) CMM019 CMMU System Resolution – IF the full PerMaRCS screens are unable to be fixed before CGC begins, THEN a workaround will be needed.
 - No updates 12/9/2020
- (b) CMM008 PES Matching Delayed by a Natural Disaster - IF a natural disaster occurs at or around the time of the 2020 Census, THEN it will be difficult to conduct PES Matching operations for data from the impacted geographic areas because of problems gaining access to the populations living in those areas.
 - No updates 12/9/2020

Differences — PI vs NRFU, Reinterview Sampling

- PI reinterview does not use administrative records, either for eligibility or analytic sampling.
- **Random Sampling:** As with NRFU, we choose one of the first three eligible cases for RI. After that, we select one in every eight cases for PI, instead of one in every forty cases for NRFU.
- **Analytic Sampling:** The geography used to compare interviewers is the interviewer's RCC, not the interviewer's CFM zone.
- **PI has fewer analytic tests than NRFU. The PI tests are:**

Enumerator-level tests	Case-level tests
Average duration time of completed interviews	Duration of interview
Distribution of outcome codes for cases	Partially complete case
Distribution of housing unit statuses	Housing unit status
Distribution of population count in the households	Duplicate, invalid, or missing phone numbers
Distribution of respondent phone numbers; valid, invalid, missing, or null.	

Differences – PI vs NRFU, Field Work

- Reinterviewers always attempt to contact the original respondent via telephone first; we allow 3 attempts. If that is unsuccessful, or a telephone number is not available, reinterviewers will conduct up to 3 personal visit contacts. We encourage the offices to complete the 6 attempts within 5 days.
- NRFU reinterview does not attempt telephone first, except for areas with restrictions due to COVID-19.
- There is no automated stop work flag for interviewers who receive a hard fail. The RCC manager must manually prevent work from being assigned to a hard fail interviewer.