

# 2020 Post-Enumeration Survey (PES)

November 18, 2020

## Presented by:

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# PES Bottom Line Up Front (BLUF)

Update as of November 18, 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.
  - Preparing to select NRFU enumerators once DAPPS technical limitations are resolved.

## **PES OD 15.7 – PI Clerical Geocoding (CGC)**

- Training starting on Nov 19, 2020.
- Conduct Operation starting on Nov 23 instead of Nov 9.

## **PES OD 15.8 – PI Clerical Residence Status coding (RSC)**

- Training starting on Dec 14, 2020.
- Conduct Operation starting on Dec 21 instead of Dec 10.

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# 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

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

Activity	Schedule
PI Sample	<b>July 23 – Nov 20</b>
PI Production	<b>Sept 23 – Dec 11</b>
PI RI Production	<b>Sept 30 – Dec 18</b>

- Final Wave 7 SCIF targeted to be delivered to MCS by Nov 20, 2020.
  - Wave 7 is approximately 40% of the entire PI workload.
- Goals were readjusted last week to finish est. workload Dec 11 vs. Previously being based on available work which increased the amount needed per day.
- RCCs reporting higher attrition rates due to COVID
  - RCCs have contacted staff that have previously cleared, but did not work.
  - RCCs still selecting additional staff.
  - RCCs still running replacement training.

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## 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
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	
Start of 15.6 PI RI PRODUCTION Operation	09/30/20	12/18/20	In progress	
PES-PCS creates & releases SCIF to MCS for WAVE 6	11/03/20	11/09/20	Complete	
PES-PCS creates PEL for WAVE 7	11/05/20	11/06/20	Complete	PEL to be created on Nov 7, 2020
NPC Prints (updated) Small Format maps for Wave 7		11/20/20	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	In progress	Targeting to deliver ahead of time
NPC Prints (updated) Small Format maps for Wave 8	11/20/20	12/01/20		
PES Conducts PI Post Processing				

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# Periodic Performance Management Reports

## 2020 Census: Post Enumeration Survey Person Interviewing Staffing

**Status:**

● On Track

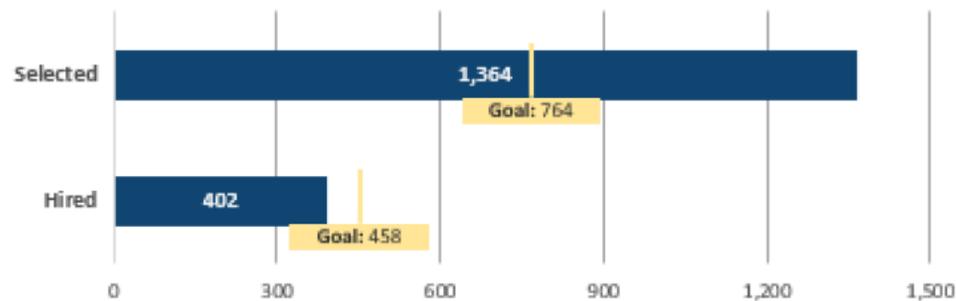
**Data current as of:**  
November 17, 2020

**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**



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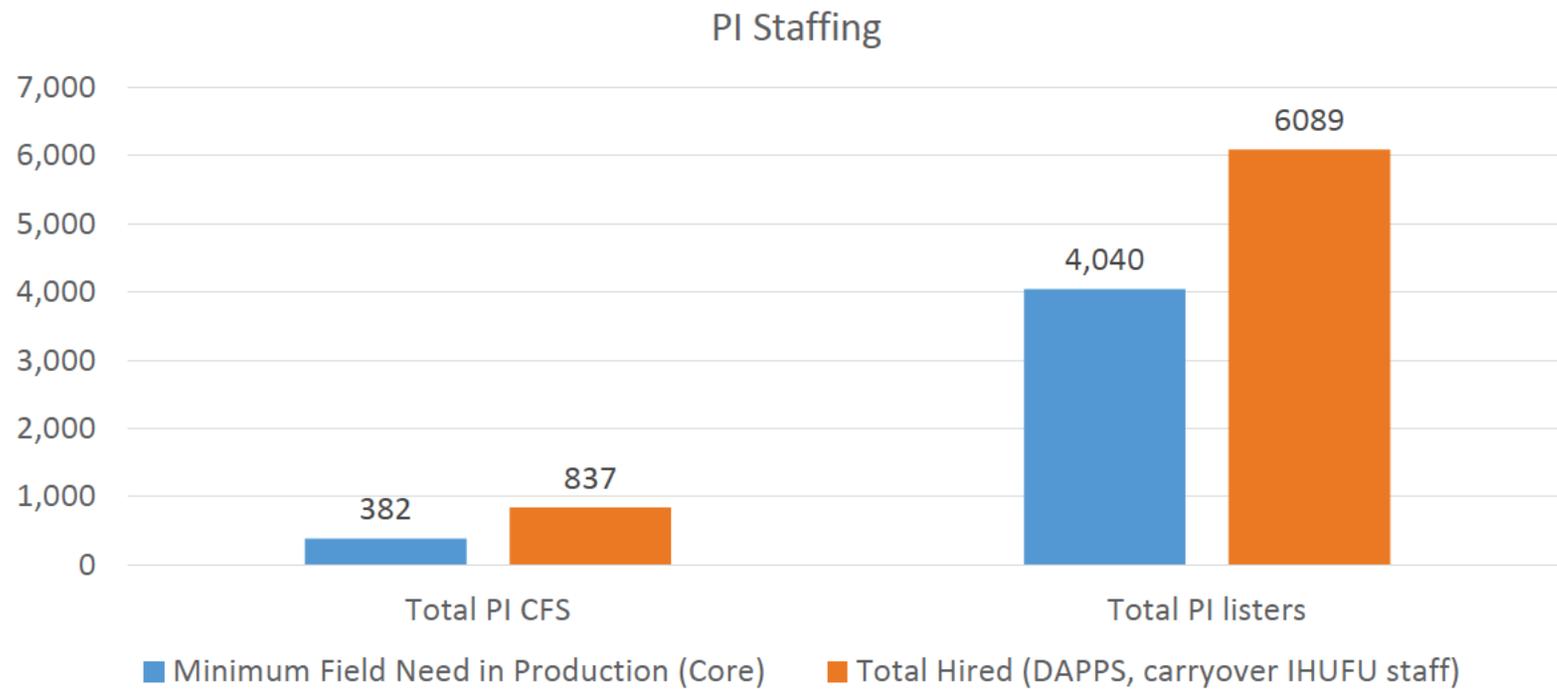
Source: 2020 R&A/DAPPS Applicant Summary Report

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## PI Staffing with IHUFU Carryover



# PI FLD Production Report

## PES: PI Production Progress Report

2020/06		11/18/20					End of PI 12/11/2020	
RCC	Current Workload						Schedule Status	Closed Out
	Workload	# Open	Complete	Expected #	% Complete	# Not Started		
New York	14,907	2,952	11,256	12,966	75.5%	699	Behind yesterday's COB goal by 1710 HUs	
Puerto Rico	2,276	141	2,079	2,276	91.3%	56	Behind yesterday's COB goal by 197 HUs	
Philadelphia	12,505	932	10,833	11,745	86.6%	740	Behind yesterday's COB goal by 912 HUs	
Chicago	18,402	2,831	14,160	15,859	76.9%	1411	Behind yesterday's COB goal by 1699 HUs	
Atlanta	18,021	1,930	14,878	15,087	82.6%	1213	Behind yesterday's COB goal by 209 HUs	
Dallas	27,417	4,815	17,369	19,407	63.4%	5233	Behind yesterday's COB goal by 2038 HUs	
Los Angeles	22,062	2,180	18,663	20,391	84.6%	1219	Behind yesterday's COB goal by 1728 HUs	
National	115,590	15,781	89,238	97,731	77.2%	10,571	Behind yesterday's COB goal by 8493 HUs	

**National Production Goal for 11-17-20 is 84.5%**

RCC Goals differ due to varying workload distribution across Waves.

Waves	Cases	Date started
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

Note: % Complete uses the Current Workload available. When the Current Workload increases from a new Wave of cases, the % Complete will decrease.

# PI RI FLD Production Report

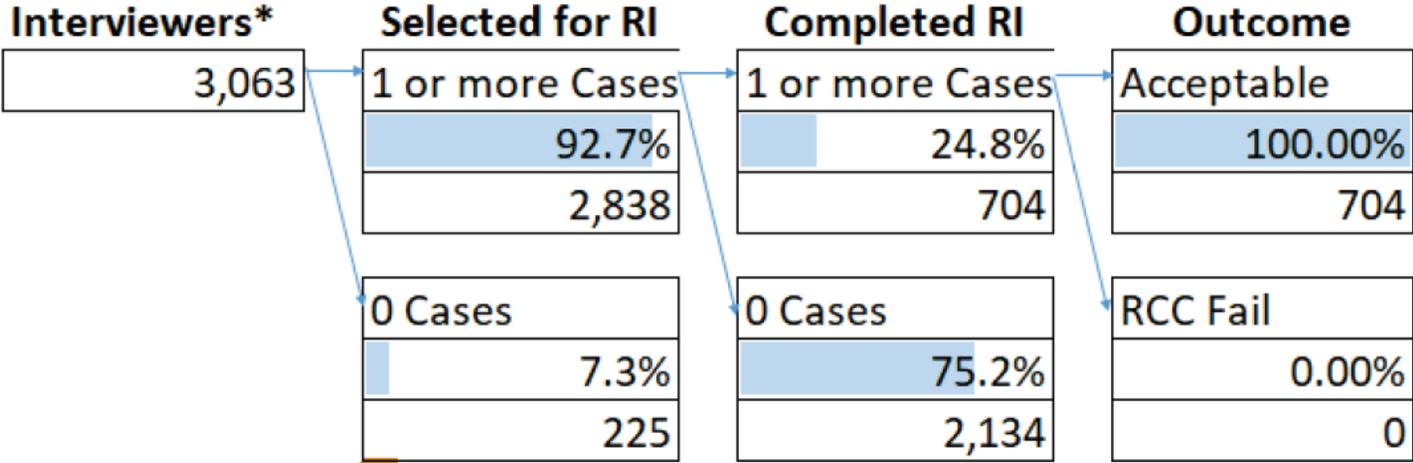
PES: PI RI Status Report					
2020/06	11/18/20				
RCC	QC Current Workload				
	Current Workload	# Open	Complete	Current Workload % Complete	# Not Started
New York	1,674	230	1,276	76.2%	168
Puerto Rico	295	10	280	94.9%	5
Philadelphia	1,688	205	1,296	76.8%	187
Chicago	1,913	246	1,515	79.2%	152
Atlanta	2,072	323	1,475	71.2%	274
Dallas	2,199	405	1,500	68.2%	294
Los Angeles	2,878	683	1,848	64.2%	347
National	12,719	2,102	9,190	72.3%	1,427

# 2020 PI Reinterview Overview

## PI Reinterview Progress – Interviewers

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

Data as of: 11/18/2020, 2 am  
Source: SMarCS



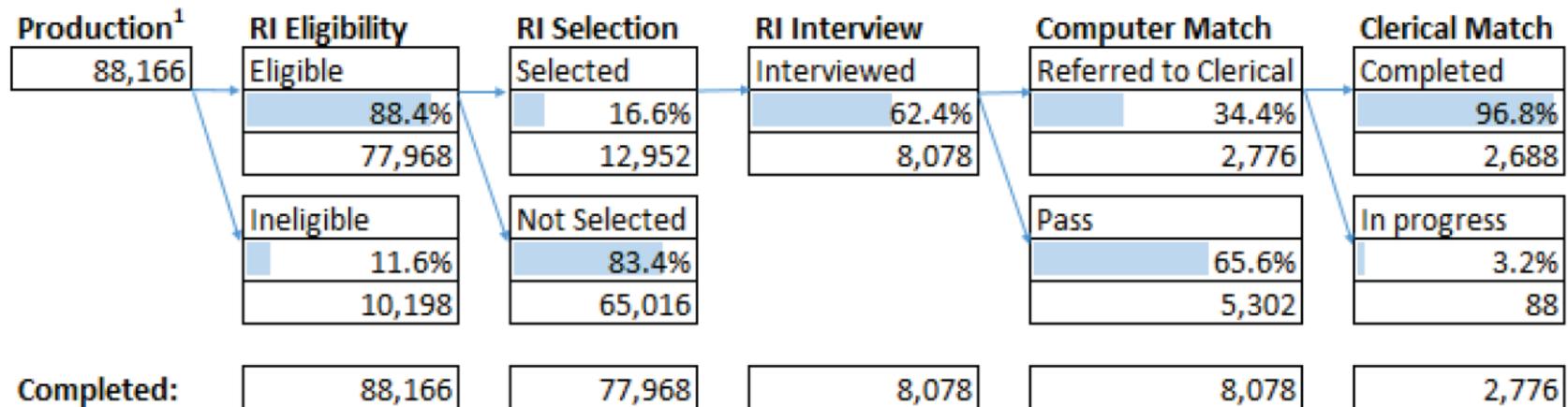
\*With at least one PI case completed.

# 2020 PI Reinterview Overview

## PI Reinterview Progress – Case Level

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

Data as of: 11/18/2020, 2 am  
Source: SMarCS



<sup>1</sup> 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: 11/18/2020, 2 am  
Source: SMarCS

PI RI Outcomes	Today		Last Week		Change Since Last Week
	Count	Percent	Count	Percent	Count
Total Cases Completed Coding	7,990	-	6,006	-	1,984
Passed	7,799	97.6%	5,882	97.9%	1,917
<i>Pass Computer</i>	5,302	68.0%	4,024	68.4%	1,278
<i>Pass Clerical</i>	2,497	32.0%	1,858	31.6%	639
Failed Clerical	191	2.4%	124	2.1%	67
Hard Fail Recommendation	0	0.00%	0	0.00%	0

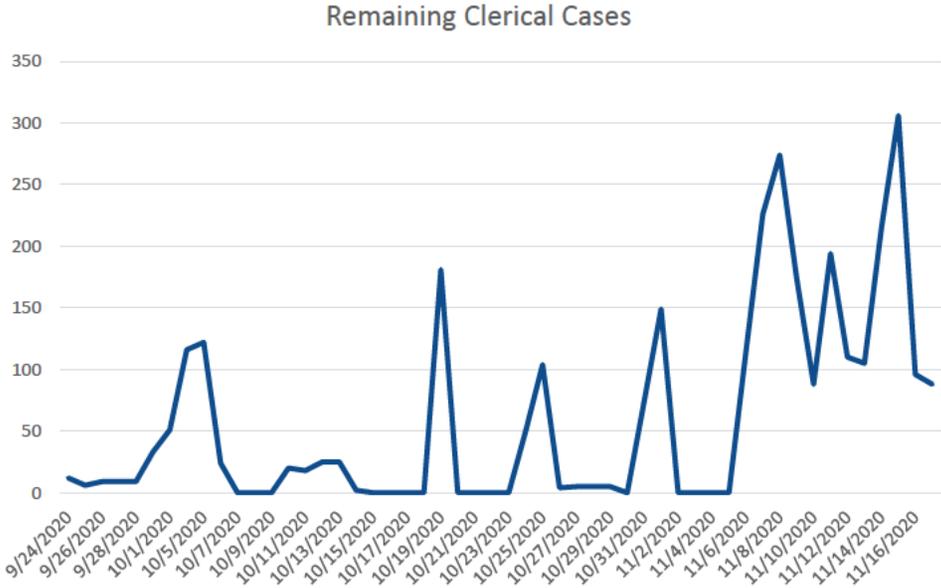
# 2020 PI Reinterview Overview

## PI RI Clerical Resolution Progress

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

Data as of: 11/18/2020, 2 am  
Source: SMarCS

Overall Progress	Overall
Total Clerical Cases	2,776
Cases Worked	2,688
Cases Remaining	88
Average Cases Per Day in the Last Week	101
Cases Worked Yesterday	96
Clerks <sup>1</sup>	13



<sup>1</sup> Any clerk who worked at least one case during the operation.

# Person Interview 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

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# 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	In progress	
Conduct CGC Training 1 (WAVE 1) for Technicians & Analysts	11/19/2020	12/04/2020	In progress	IHU AFU Staff/HQ Staff
Conduct QC Training (WAVE 1) for Analysts	12/08/2020	12/08/2020		
Conduct PES Clerical Geocoding (Wave 1)	11/23/2020	2/19/2020		Anticipating smaller wave 1
Conduct CGC Training (WAVE 2) for new Technicians & Analysts	11/30/2020	12/9/2020		NRFU Staff/HQ Staff/NPC Analyst being hired
Conduct CGC QC Training (WAVE 2) for Analysts	12/10/2020	12/10/2020		
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		
Conduct PES Clerical Geocoding (Wave 2)	12/15/2020	1/15/2020		
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)	1/19/2020	2/26/2021		
CMMU Performs closeout duties	2/28/2020	2/29/2020		
DSSD receives Geocoded output				

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# Program-level Testing Updates

**15.7 – PI Clerical Geocoding (CGC)**

**15.8 – PI Clerical Residence Status Coding (RSC)**

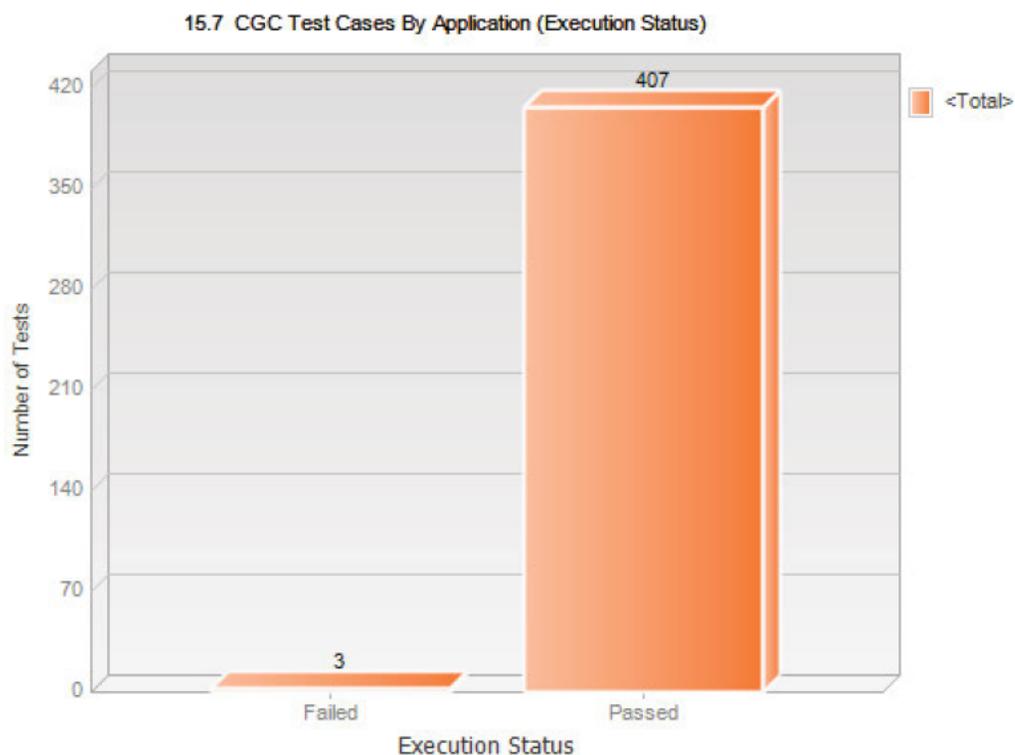
**15.9 – PI Duplicate Search**

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## 15.7 – Program-level Testing: CGC



- Testing for CGC is complete.
- The remaining three FAILED test cases are minor and do not impact production. We will, however, look to have the test cases PASSED prior to production.
- No impact to production.

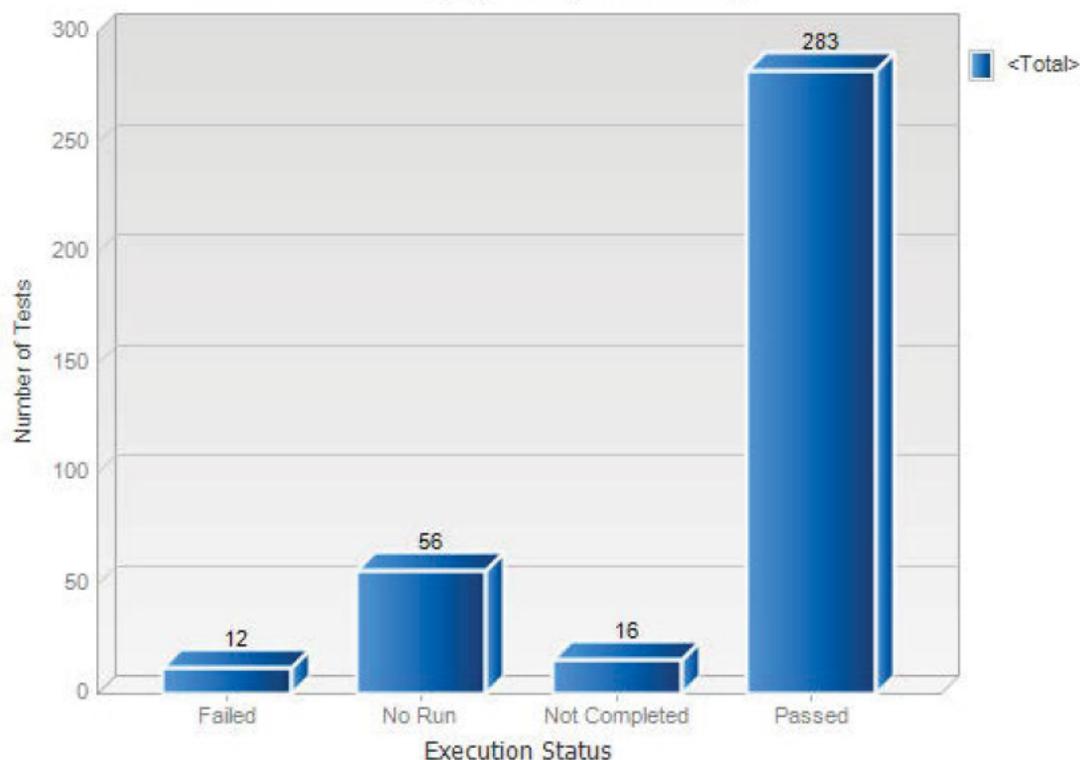
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## 15.8 – Program-level Testing: RSC

15.8 RSC Test Cases By Application (Execution Status)



- Testing for RSC is about 77% complete with no critical or major defects. CMMU is addressing the current defects in the upcoming sprint.
- Testing will continue through November 30.
- No impact to production

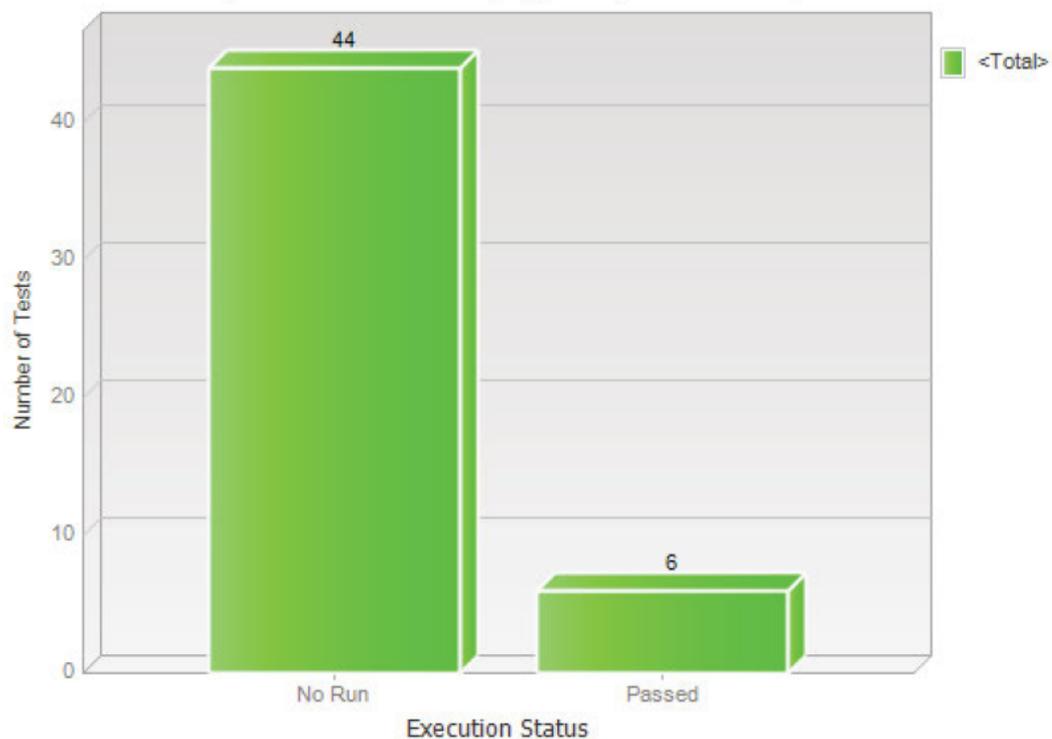
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# 15.9 – PI Duplicate Search

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



- Testing started for this subOD on October 28.
- Testing will continue through mid-January.

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

The ORR was approved on 10/13/2020. There are 4 open action items out of 11 at time of ORR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Receipt of Signatures for 3 ICDs	In-progress	11/24/2020
PES CMMU receive Section 508 compliance	Complete	10/09/2020
Completion of PES Program-Level TAR	In-progress	11/24/2020

# 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

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# 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	12/14/2020
Receipt of Signatures for 7 A/ICDs	In-progress	03/17/2021

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# 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	

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## 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	
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	
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	In progress	SCIF targeted to be delivered before 11/20
NPC Prints (updated) Small Format maps for Wave 8	11/20/20	12/01/20		
PES Conducts PI Post Processing				

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# 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

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# 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

# 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	10/29/2020
Conduct	12/10/2020

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

The PRR was approved on 07/13/2020. There are 4 open action items out of 10 at time of PRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
CMMU completion of 508 compliance testing	Complete	11/17/2020
Receipt of signatures for 2 ICDs	In-progress	11/30/2020
Completion of PES Program-Level Testing	In-progress	11/30/2020
Completion of PES Program-Level TAR	In-progress	12/07/2020

# Autocoding

## OD 15.16

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

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# Production Readiness Summary for OD 15.16 Autocoding

The PRR was approved on 08/24/2020. There are 4 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	In-progress	12/30/2020
Completion of PES Program-Level Testing	In-progress	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

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# 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

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# 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

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# 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
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	Complete	11/30/2020
Discussion about where the Decennial CUF is coming from for the PES Program-Level Testing	Complete	11/20/2020
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

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# 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

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

The TRR was approved on 09/18/2020. There are 17 open action items out of 37 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Completion of 4 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 2 A/ICDs signatures.	In-progress	12/23/2020
Delivery of 1 systems Project-Level Testing TAR.	In-progress	11/21/2020
Delivery of 1 systems Project-Level Release Notes.	In-progress	11/21/2020
Completion of CMMU 508 compliance by ORR.	In-progress	04/07/2021

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# 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

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

The TRR was approved on 10/09/2020. There are 22 open action items out of 34 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
3 systems to complete Project-Level Development	In-progress	12/23/2020
4 systems to complete Project-Level Testing	In-progress	12/23/2020
4 systems to deliver code to Program-Level testing	In-progress	12/18/2020
2 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	In-progress	12/18/2020
Create Interface from ATAC to DSSD	In-progress	11/30/2020
Completion of ETSB Test Interface Verification	In-progress	11/30/2020
Completion of Data Lineage	In-progress	11/30/2020
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

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# 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

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# 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 27 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	In-progress	11/25/2020
Completion of PES Program-Level Test Plan/Test Cases	In-progress	03/15/2021
Completion of Data Lineage	In-progress	11/30/2020
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

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# 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 11/17/2020
- (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 11/17/2020
- (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 11/17/2020
- (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 11/17/2020

# Issue Updates Due to COVID-19

As of: 11/17/2020 

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 11/17/2020

# Risk Updates Due to COVID-19

As of: 11/17/2020 

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 11/17/2020
- (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 11/17/2020

# Issue Updates Due to COVID-19

As of: 11/17/2020 

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

(a) Issue 01 Clerical Matching Staff Delays – The PES Clerical Matching operations heavily depend on the Clerical Matchers hired by NPC. Presently, there are difficulties with hiring staff to fill these vacancies, onboarding and training.

- [Closed 11/17/20](#)

# 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.	

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# 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.