

2020 Post-Enumeration Survey (PES)

October 20, 2020

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PES Bottom Line Up Front (BLUF)

Update as of October 20, 2020

PES OD 15.5 – IHUFU Operation

- NPC/RCC Staff working on processing the packages. Targeting to complete by Oct 30, 2020.

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

- Program-level testing is complete.
- PI/PI RI FLD operation progressing well.
- IHU AFU Clerical Matching started on Aug 14th and we have completed 36% of the housing unit workload.

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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 OD 15.6 - IHU AFU Clerical Matching Production Report

Activity	Schedule
IHU AFU Clerical Matching	Aug 14 – Nov 4

	Stateside	Puerto Rico
Total BCU Workload	7,087	297
Not Yet Available to Work	1,368 (19.3%)	85 (28.6%)
Available to Work	136 (1.9%)	91 (30.6%)
Working	1,305 (18.4%)	31 (10.4%)
Complete	4,278 (60.4%)	90 (30.3%)
Total Housing Unit Workload	239,996	31,394
Not Yet Available to Work	93,583 (39.0%)	18,528 (59.0%)
Available to Work	14,911 (6.2%)	4,526 (14.4%)
Working	45,351 (18.9%)	2,805 (8.9%)
Complete	86,151 (35.9%)	5,535 (17.6%)

Results as of Thursday morning 10/20/2020.

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IHU AFU Clerical Matching – 2 Weeks Extension

- Original date: August 14, 2020 – November 4, 2020.
- The PES Team of 4 decided to add two more weeks to this operation, ending on November 18, 2020. With this extension, there are minimal impacts to:
 - PI schedule (now ending 1.5 weeks later).

Activity	Original Dates	New Dates
PI Production	Sept 23 – Dec 11	Sept 23 – Dec 22
PI RI Production	Sept 30 – Dec 18	Sept 30 – Dec 30

- PES OD 15.7 -Clerical geocoding schedule (now starting 3 weeks later).

Activity	Original Start Date	New Start Date
Clerical Geocoding	Nov 9	Nov 30

- Should be able to make up this lost time before starting person computer matching.

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IHU AFU Clerical Matching – 2 Weeks Extension Cont.

- Able to complete 60% of the BCUs and 36% of the housing units after working more than 9 weeks. We have 4 weeks left. At this pace, we will not be able to work all the BCUs.
- The backlog is with the Analyst QC workload. Less so with the Technician workload.
- Goals:
 - All BCUs must be worked by Technicians before closing out this operation. Should be able to accomplish this by November 18, 2020.
 - QC as much as we can, leftover will be reviewed during the PES OD 15.14 (Final Housing Unit (FHU) Before Follow-up (BFU)) clerical matching.

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IHU AFU Clerical Matching – 2 Weeks Extension Cont.

- Implications of **not working** (QC'ing) all the BCUs in IHU AFU (that is, end IHU AFU on November 18, 2020):
 - PI field operation
 - Might be a slight increase in sample size because we might want to include units in PI that we wouldn't have otherwise if we were able to QC fully. (For example, we might want to include units that are classified as nonexistent. We don't want to lose these units just in case the technicians coded them incorrectly.)
 - More errors in address information sending to PI. (For example, a Technician made a match between IL and census when it wasn't a match. We will not be able to collect information for the census-only address during PI.)
 - FHU BFU clerical matching operation
 - Workload will be higher because BCUs that didn't have a chance for QC during IHU AFU will be reviewed in this operation.

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IHU AFU Clerical Matching – 2 Weeks Extension Cont.

- Implications of **working** (QC'ing) all the BCUs in IHU AFU:
 - Current pace, likely will not finish IHU AFU until December 23, 2020 (need another 5 weeks beyond November 18, 2020).
 - High impact to the PI schedule. Instead of finishing PI data collection on December 30, 2020, we will not finish until the end of January/beginning of February 2021.
 - PI schedule impact will impact schedules of all subsequent operations. Thus, will likely delay the release of person estimates.

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

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

- DSSD verified wave 5 PI sample.
- SCIF 5 to be delivered to MCS by Oct 26, 2020.

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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	In progress	Will be delayed by 2 weeks
Start of 15.6 PI PRODUCTION Operation	09/23/20	12/11/20	In progress	Target to complete 12/22/2020
Start of 15.6 PI RI PRODUCTION Operation	09/30/20	12/18/20	In progress	Target to complete 12/30/2020
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	In progress	
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	In progress	
PES-PCS creates PEL for WAVE 6	10/23/20	10/26/20		
NPC Prints (updated) Small Format maps for Wave 6	10/23/20	11/09/20		
PES-PCS creates Subsample for WAVE 6	10/28/20	10/29/20		
PES-PCS creates & releases SCIF to MCS for WAVE 6	11/03/20	11/09/20		

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Periodic Performance Management Reports

2020 Census: Post Enumeration Survey Person Interviewing Staffing

Status:

● On Track

Data current as of:

October 20, 2020

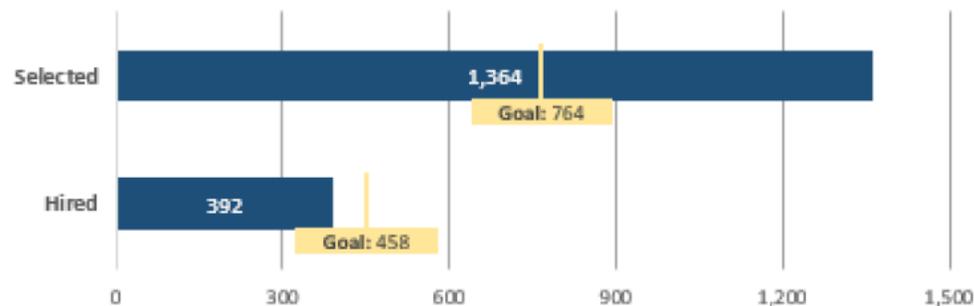
Completion Date:

October 7, 2020

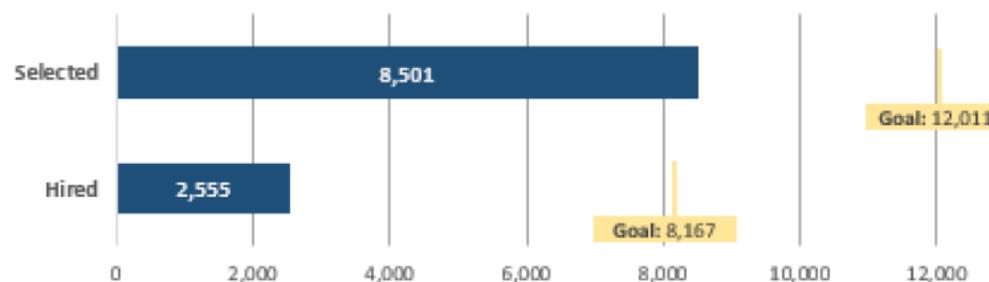
Notes:

- The data shown on the report cover both production and quality control CFs and listers.
- Training for new CFs began on August 17 and completed on September 8. Training for CFs 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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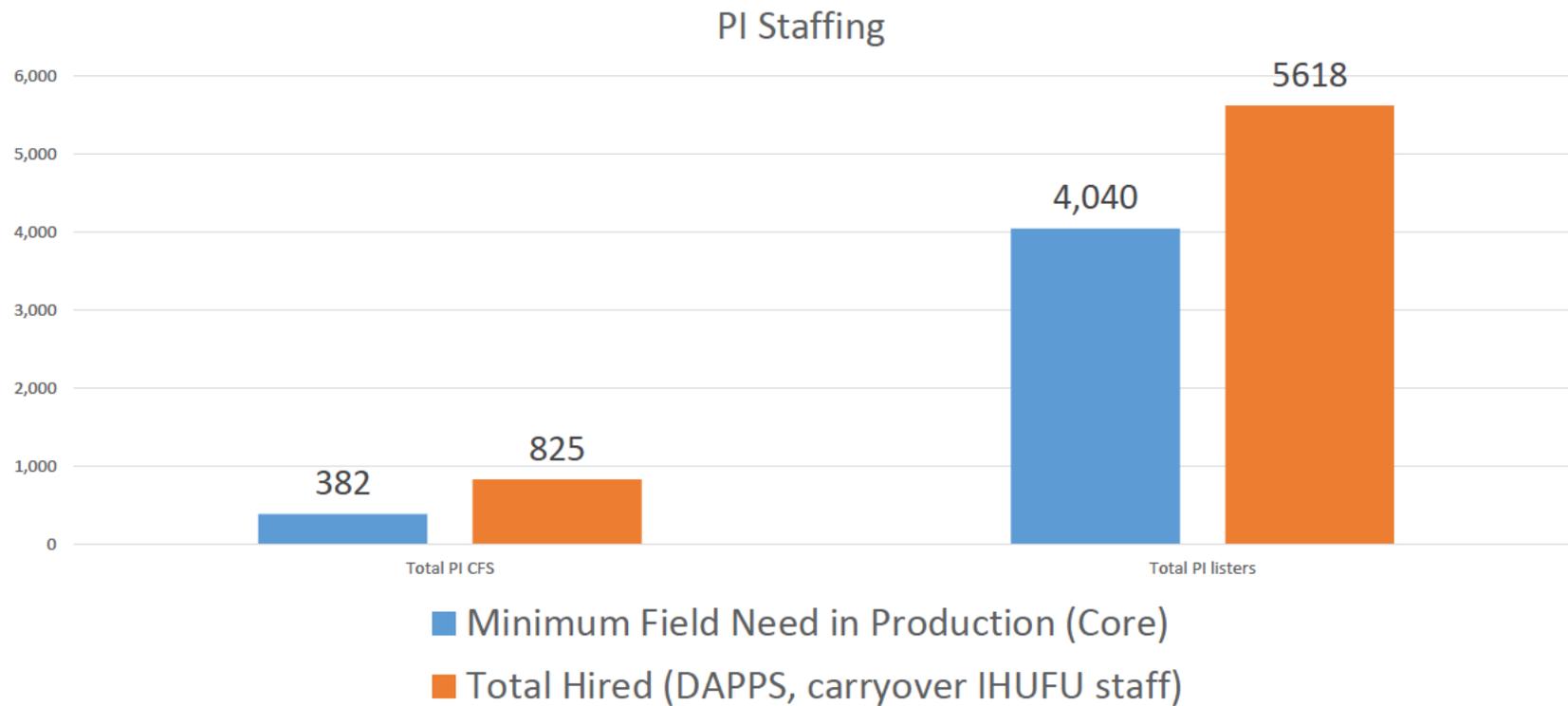
Source: 2020 R&A/DAPPS Applicant Summary Report

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PI Staffing with IHUFU Carryover



PI Production

PES: PI Production Progress Report

2020/06 10/20/20 End of PI 12/11/2020								
RCC	Current Workload						Schedule Status	Closed Out
	Workload	# Open	Complete	Expected #	% Complete	# Not Started		
New York	3,888	1,441	1,688	1,657	43.4%	759	On Schedule through COB yesterday!	
Puerto Rico	401	126	226	178	56.4%	49	On Schedule through COB yesterday!	
Philadelphia	3,107	705	1,923	1,618	61.9%	479	On Schedule through COB yesterday!	
Chicago	4,800	1,347	2,656	2,295	55.3%	797	On Schedule through COB yesterday!	
Atlanta	4,310	1,106	2,261	1,925	52.5%	943	On Schedule through COB yesterday!	
Dallas	5,760	1,495	2,100	2,645	36.5%	2165	Behind yesterday's COB goal by 545 HUs	
Los Angeles	6,623	2,081	3,856	3,020	58.2%	686	On Schedule through COB yesterday!	
National	28,889	8,301	14,710	13,338	50.9%	5,878	On Schedule through COB yesterday!	

National Production Goal for 10-19-20 is 46.2%

RCC Goals differ due to varying workload distribution across Waves.

Waves	Cases	Date started	Note: % Complete uses the Current Workload available. When the Current Workload increases from a new Wave of cases, the % Complete will decrease.
1 & 2	2118	9/23/2020	
3	7643	10/6/2020	
4	19128	10/14/2020	

PI RI Production

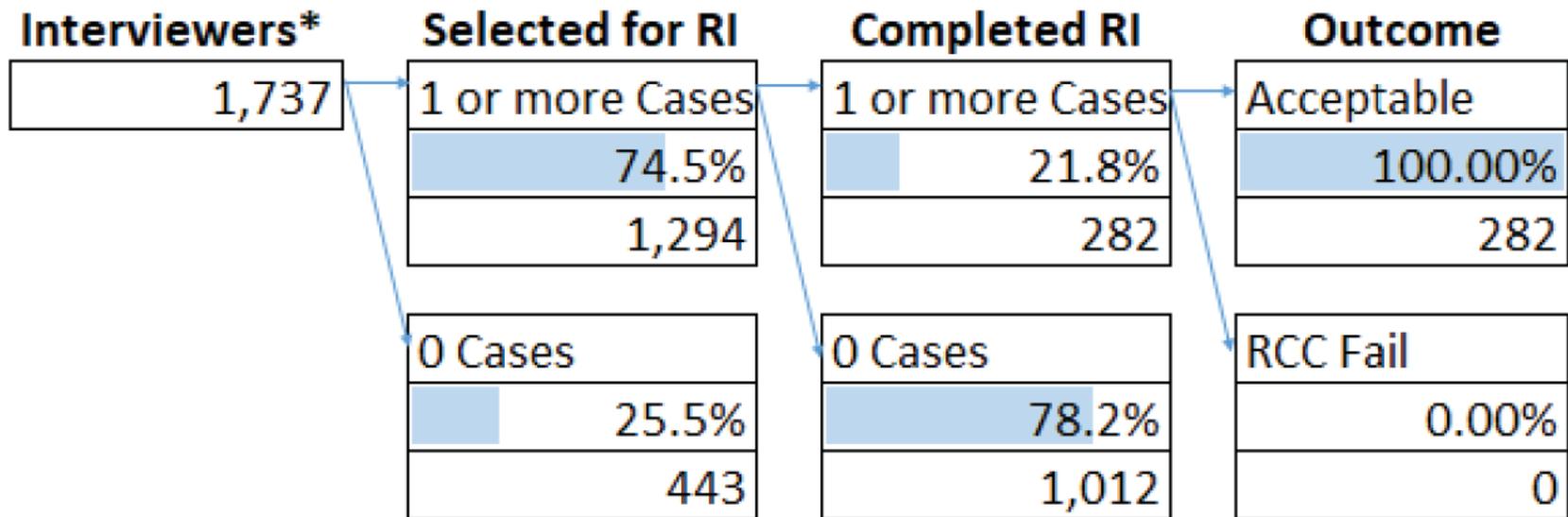
PES: PI RI Status Report					
2020/06	10/20/20				
RCC	QC Current Workload				
	Current Workload	# Open	Complete	Current Workload % Complete	# Not Started
New York	282	23	96	34.0%	163
Puerto Rico	33	-	10	30.3%	23
Philadelphia	320	34	157	49.1%	129
Chicago	393	47	174	44.3%	172
Atlanta	355	41	140	39.4%	174
Dallas	354	65	130	36.7%	159
Los Angeles	694	93	306	44.1%	295
National	2,431	303	1,013	41.7%	1,115

2020 PI Reinterview Overview

PI Reinterview Progress – Interviewers

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

Data as of: 10/20/2020, 2 am
Source: SMarCS



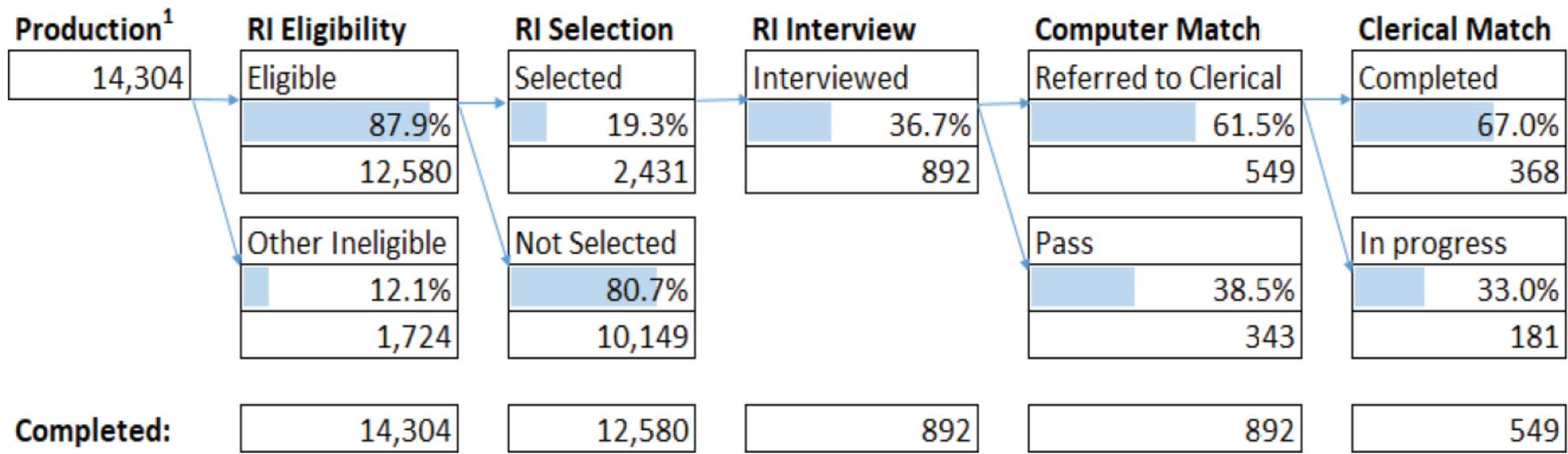
*With at least one PI case completed.

2020 PI Reinterview Overview

PI Reinterview Progress – Case Level

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

Data as of: 10/20/2020, 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: 10/20/2020, 2 am
Source: SMarCS

PI RI Outcomes	Today		Last Week		Change Since Last Week
	Count	Percent	Count	Percent	Count
Total Cases Completed Coding	711	-	316	-	395
Passed	695	97.7%	311	98.4%	384
<i>Pass Computer</i>	343	49.4%	67	21.5%	276
<i>Pass Clerical</i>	352	50.6%	244	78.5%	108
Failed Clerical	16	2.3%	5	1.6%	11
Hard Fail Recommendation	0	0.00%	0	0.00%	0

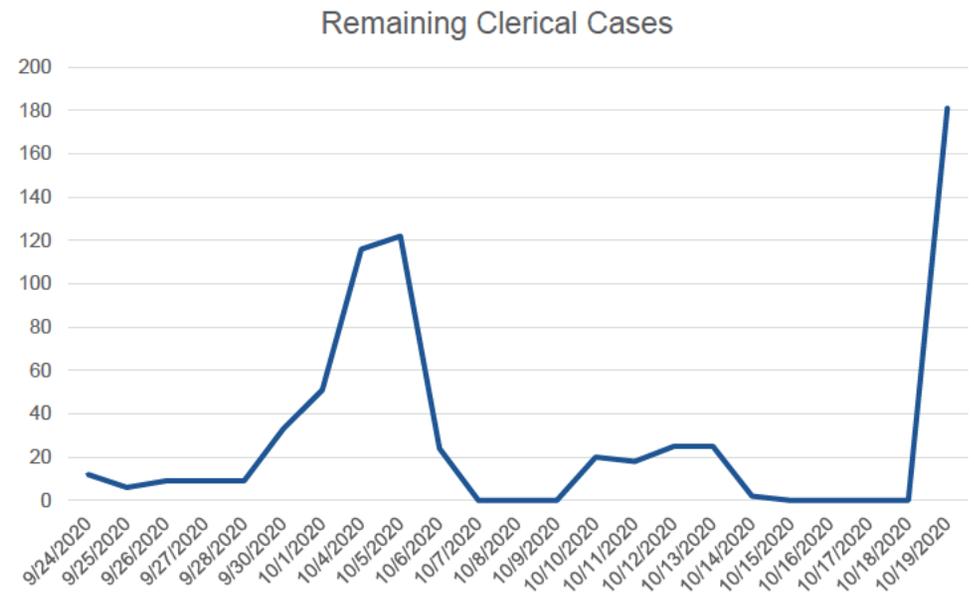
2020 PI Reinterview Overview

PI RI Clerical Resolution Progress

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

Data as of: 10/20/2020, 2 am
Source: SMarCS

Overall Progress	Overall
Total Clerical Cases	549
Cases Worked	368
Cases Remaining	181
Average Cases Per Day in the Last Week	17
Cases Worked Yesterday	17
Clerks ¹	8



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

Program-level Testing Updates

15.6 – Person Interview (PI)

15.7 – PI Clerical Geocoding (CGC)

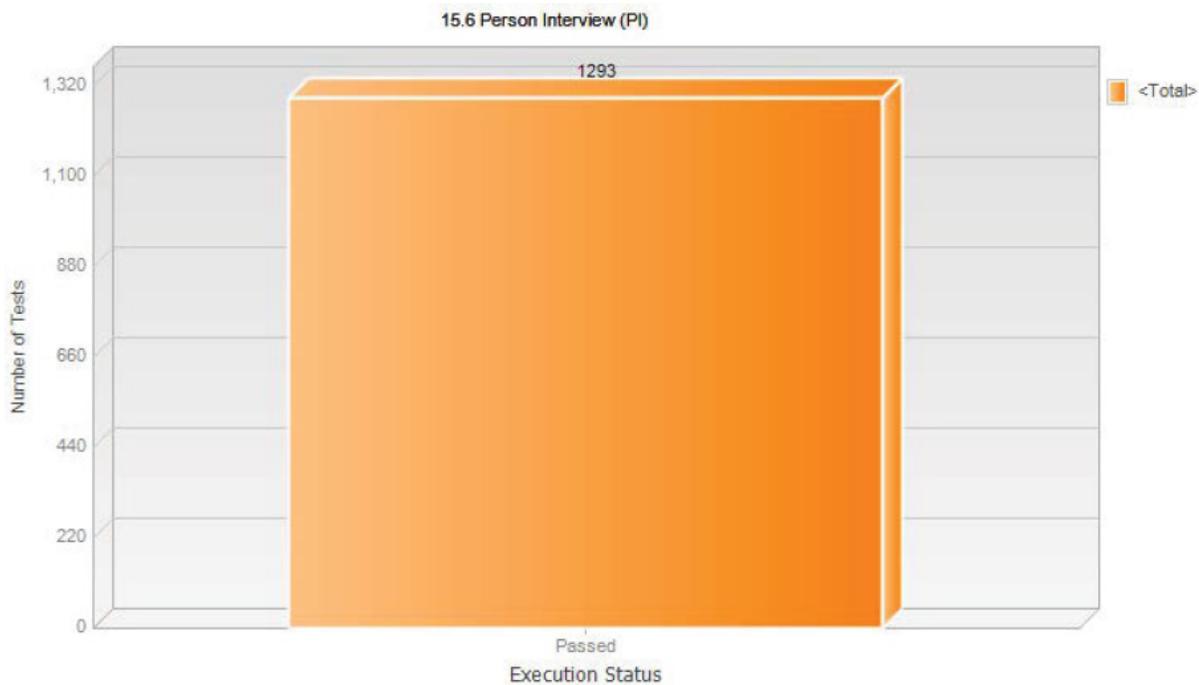
15.8 – PI Clerical Residence Status Coding (RSC)

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15.6 – Program-level Testing: PI



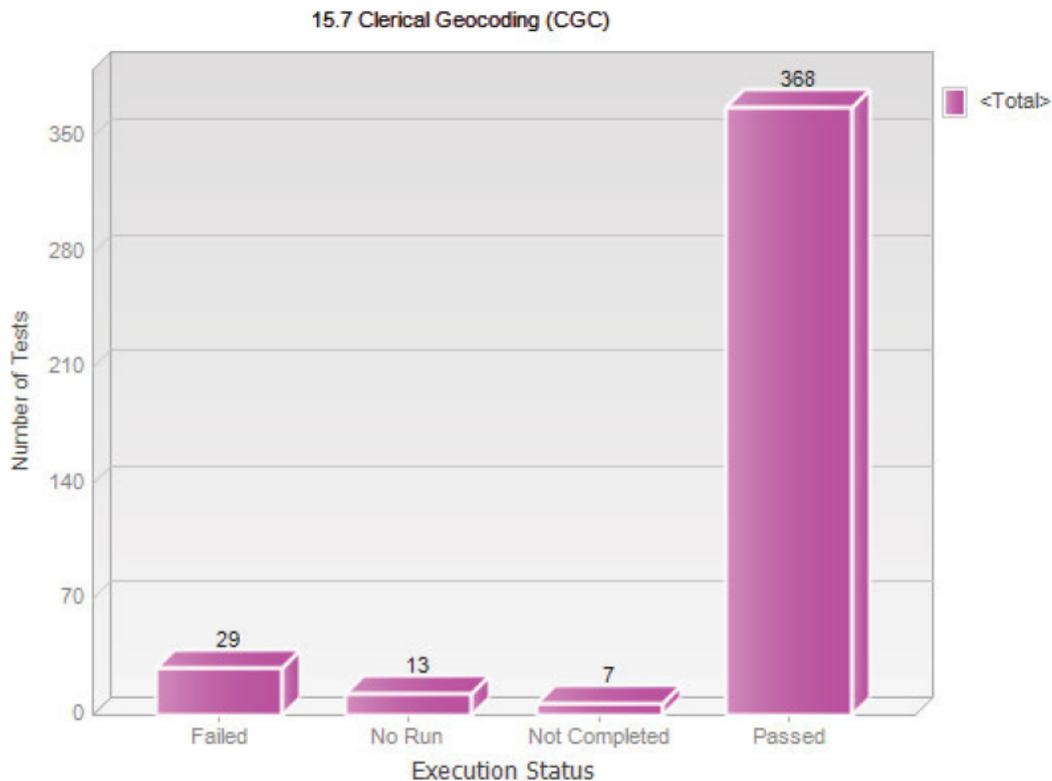
- Testing is **complete!!!**

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15.7 – Program-level Testing: CGC



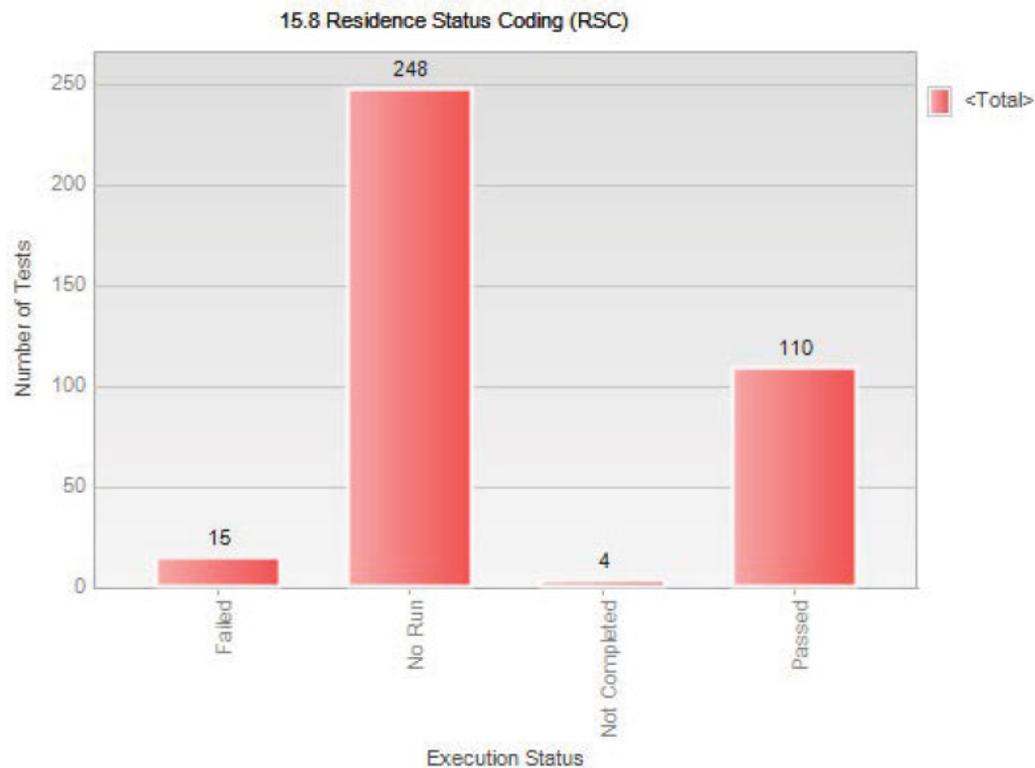
- Testing for CGC is in full swing! One DC2 defect is currently being addressed by CMMU.
- Testing will continue until October 30.
- No impact to production.

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15.8 – Program-level Testing: RSC



- Testing for RSC has begun. No critical or major defects at this time.
- Testing will continue through mid/late November.

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Operational Readiness Summary for PES OD 15.6 PI Operation

The ORR for the PI Operation piece of 15.6 was approved on 8/03/20. 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 2 ICDs	Complete	10/23/2020
Completion of PES Program-Level Testing	Complete	10/16/2020
Completion of PES Program-Level Testing TAR	In Progress	10/23/2020
Resolution of remaining DC1/DC2 defects	Complete	10/16/2020

*Please note that the ORR for the IHU AFU and PI Sample pieces of 15.6 was approved on 6/25/2020 and has no open action items.

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

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

High-Level Summary:

Open Item	Status	Expected Completion Date
Receipt of Signatures for 6 ICDs	In-progress	10/30/2020
PES CMMU receive Section 508 compliance	In-progress	10/09/2020
Completion of PES Program-Level Testing and TAR	In-progress	11/06/2020
Discuss/work to find 30 HQ staff who can act as analysts for CGC	In-progress	10/30/2020

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

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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 33 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	12/18/2020
5 systems to complete Project-Level Testing	In-progress	12/18/2020
4 systems to deliver code to Program-Level testing	In-progress	12/18/2020
6 systems to complete Pairwise testing	In-progress	12/18/2020
3 systems to deliver TRR artifacts	In-progress	12/18/2020
5 ICDS to receive Pairwise Acknowledgement	In-progress	12/18/2020
Create Interface from ATAC to DSSD	In-progress	10/30/2020
Completion of ETSB Test Interface Verification	In-progress	10/30/2020
Completion of PES Program-Level Test Plan/Test Cases	In-progress	12/30/2020
Completion of Data Lineage	In-progress	10/30/2020
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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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	In progress	
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	In progress	
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		
PES-PCS creates PEL for WAVE 6	10/23/20	10/26/20		
NPC Prints (updated) Small Format maps for Wave 6	10/23/20	11/09/20		
PES-PCS creates Subsample for WAVE 6	10/28/20	10/29/20		
PES-PCS creates & releases SCIF to MCS for WAVE 6	11/03/20	11/09/20		
End of IHU AFU Clerical Matching	-	11/04/20		
PES-PCS creates PEL for WAVE 7	11/05/20	11/06/20		
NPC Prints (updated) Small Format maps for Wave 7				
PES-PCS creates Subsample for WAVE 7	11/10/20	11/11/20		
PES-PCS creates & releases SCIF to MCS for WAVE 7	11/16/20	11/20/20		
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 6 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	In-progress	11/17/2020
Receipt of signatures for 2 ICDs	In-progress	11/17/2020
Completion of PES Program-Level Testing	In-progress	11/17/2020
Completion of PES Program-Level TAR	In-progress	11/24/2020

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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	11/6/2020
Receipt of Signatures for PCS to DSSD ICD	In-progress	11/6/2020
Completion of PES Program-Level Testing	In-progress	12/30/2020
Completion of PES Program-Level TAR	In-progress	1/6/2021

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 6 open action items out of 6 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	In-progress	10/28/2020
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

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 8 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	In-Progress	11/30/2020
Discussion about where the Decennial CUF is coming from for the PES Program-Level Testing	In-Progress	10/30/2020
Completion of PES Program-Level Testing	In-Progress	2/9/2021
Completion of PES Program-Level TAR	In-Progress	2/16/2021
Receipt of Signatures for PCS to DSSD ICD	In-Progress	2/9/2021
Receipt of Signatures for PCS to CMMU ICD	In-Progress	2/9/2021
Receipt of Signatures for MAF/TIGER to PCS ICD	In-Progress	2/9/2021
Receipt of Signatures for MAF/TIGER to DSSD ICD	In-Progress	2/9/2021

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

The TRR was approved on 08/19/2020. There are 2 open action items out of 10 at time of TRR.

Open Item	Status	Expected Completion Date
Completion of CMMU 508 compliance by ORR	In-progress	3/18/2021
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

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 36 open action items out of 37 at time of TRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Completion of 5 systems for Project-Level Testing.	In-progress	11/30/2020
Completion of 9 systems for Pairwise Testing.	In-progress	11/30/2020
Completion of 4 systems to deliver code for Program-Level Testing.	In-progress	11/30/2020
Completion of 5 A/ICDs signatures.	In-progress	11/30/2020
Delivery of 2 systems Project-Level Testing TAR.	In-progress	11/16/2020
Delivery of 2 systems Project-Level Release Notes.	In-progress	11/16/2020
Completion of PES Program-Level Test Plan/Test Cases.	In-progress	10/30/2020
Completion of Production Run Book.	In-progress	10/21/2020
Completion of Data Lineage.	In-progress	11/30/2020
Completion of CMMU 508 compliance by ORR.	In-progress	04/07/2021

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 10/20/2020
- (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 10/20/2020
- (c) CMFO026 Delay in Onboarding Listers for Person Interview (PI) - IF PES cannot get the Listers hired and fingerprinted on time, THEN there may be a delay in the PI operation.
 - No updates 10/20/2020
- (d) 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 10/20/2020
- (e) 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 10/20/2020

Issue Updates Due to COVID-19

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 10/20/2020

Risk Updates Due to COVID-19

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 10/20/2020
- (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 10/20/2020
- (c) CMM018 PES Library Control – IF the PES Library is not able to process the IHUFU packets fast enough to keep up with the clerical matching staff's production rate, THEN it could cause downtime and potentially lead to a late completion of Initial Housing Unit After Follow Up (IHU AFU) clerical matching.
 - No updates 10/20/2020

Issue Updates Due to COVID-19

As of: 10/20/2020 

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

(a) CMM001 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.

- No updates 10/20/2020

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.	

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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.**