

2020 Post-Enumeration Survey (PES)

October 8, 2020

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PES Bottom Line Up Front (BLUF)

Update as of October 8, 2020

PES OD 15.5 – IHUFU Operation

- FLD work completed
- NPC Staff working on processing the packages from RCC

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

- Program-level testing is 99% complete. No Impact to Production.
- PI RI conduct operations started 9/30/2020.
 - PI/PI RI FLD operation progressing well.
- IHU AFU Clerical Matching scheduled to end Nov 4, 2020 (Planning for 2 weeks delay. Mitigation strategies being discussed).

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Back-up Slides

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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	2,426 (34.2%)	174 (58.6%)
Available to Work	248 (3.5%)	41 (13.8%)
Working	1,342 (18.9%)	28 (9.4%)
Complete	3,071 (43.3%)	54 (18.2%)
Total Housing Unit Workload	239,996	31,394
Not Yet Available to Work	135,577 (56.5%)	21,832 (69.5%)
Available to Work	11,271 (4.7%)	4,405 (14.0%)
Working	36,715 (15.3%)	2,893 (9.2%)
Complete	56,433 (23.5%)	2,264 (7.2%)

Results as of Thursday morning 10/8/2020.

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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

- PI RI conduct operations successfully started on Sept 30, 2020.
- SCIF 3 successfully ingested into ROSCO.
- Wave 4 PI Sample is verified.
 - SCIF 4 planned to be delivered to MCS by 10/14/2020.
- PES-PCS creating PEL for wave 5.

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Periodic Performance Management Reports

2020 Census: Post Enumeration Survey Person Interviewing Staffing

Status:

● On Track

Data current as of:

October 6, 2020

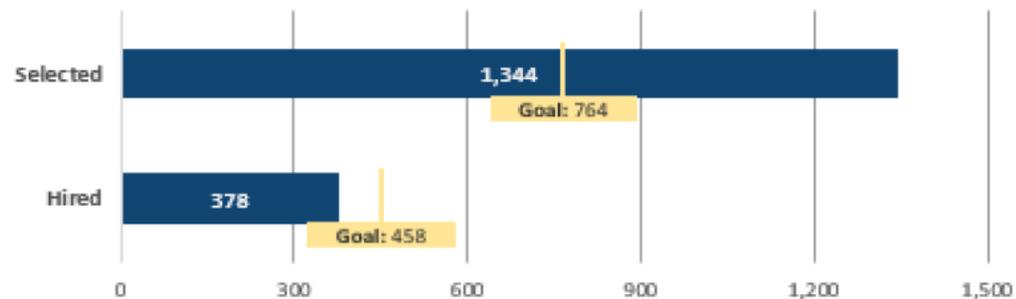
Completion Date:

October 7, 2020

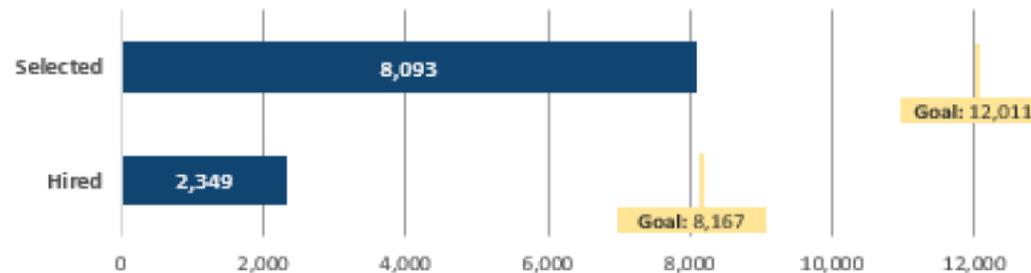
Notes:

- 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 will complete on October 7.
- Training for new enumerators began on August 31 and will complete on September 28. Training for enumerators that have carried over from IHUFU began on September 16 and will complete on October 7.

Onboarding Status for Census Field Supervisors



Onboarding Status for Listers



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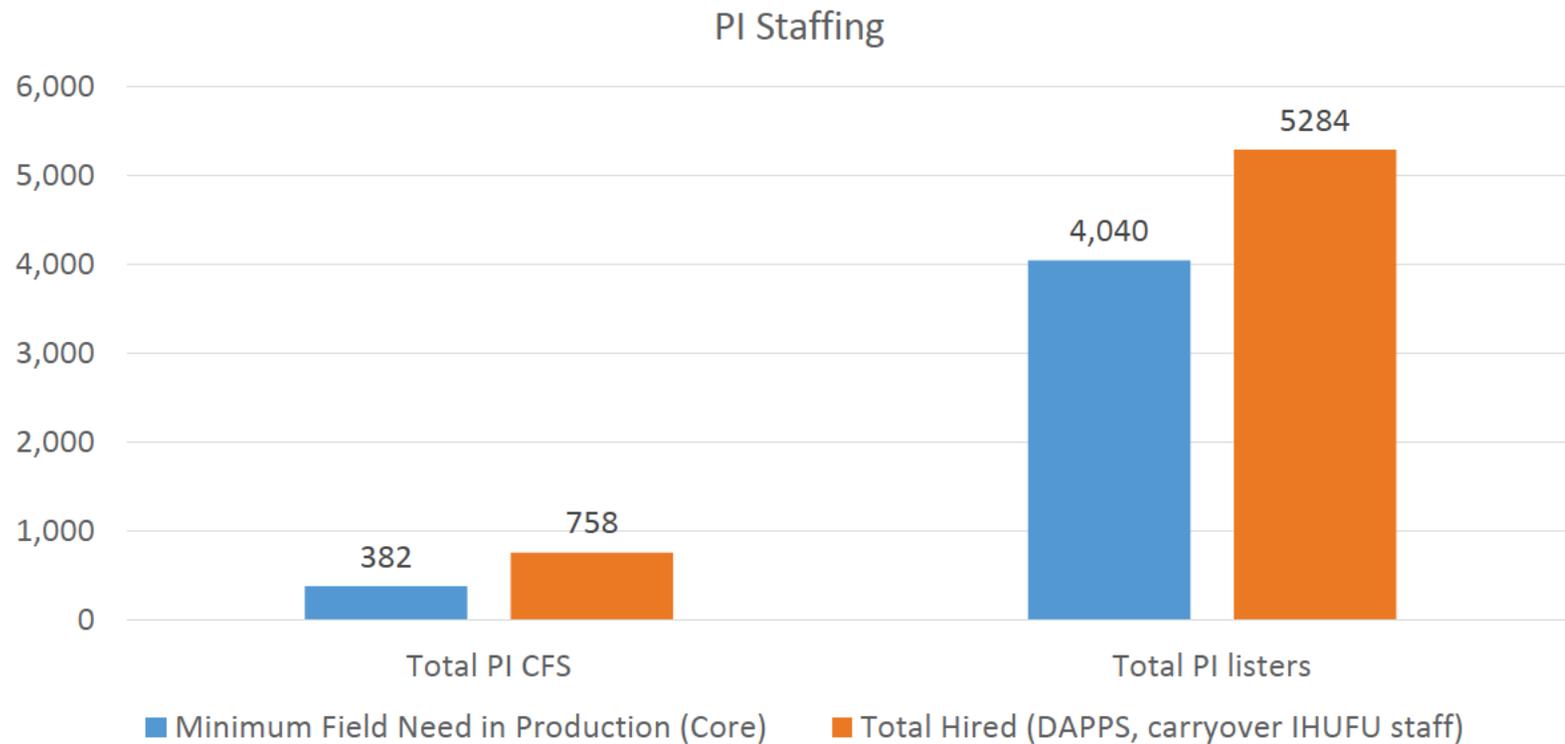
Source: 2020 R&A/DAPPS Applicant Summary Report

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PI Staffing with IHUFU Carryover



PI Production

PES: PI Production Progress Report

2020/06		10/8/20					End of PI 12/11/2020	
RCC	Current Workload						Schedule Status	Closed Out
	Workload	# Open	Complete	Expected #	% Complete	# Not Started		
New York	1,016	272	246	211	24.2%	498	On Schedule through COB yesterday!	
Puerto Rico	102	42	33	17	32.4%	27	On Schedule through COB yesterday!	
Philadelphia	1,383	115	428	426	30.9%	840	On Schedule through COB yesterday!	
Chicago	1,763	298	510	444	28.9%	955	On Schedule through COB yesterday!	
Atlanta	1,325	255	311	274	23.5%	759	On Schedule through COB yesterday!	
Dallas	1,912	239	330	383	17.3%	1343	Behind yesterday's COB goal by 53 BCUs	
Los Angeles	2,260	1,045	650	434	28.8%	585	On Schedule through COB yesterday!	
National	9,761	2,266	2,508	2,189	25.7%	4,987	On Schedule through COB yesterday!	

Note: Waves 1 & 2 began on September 23, 2020, with 2,118 National cases and Wave 3 was released on October 6, 2020, with 7,463 new cases.

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

PI RI Production

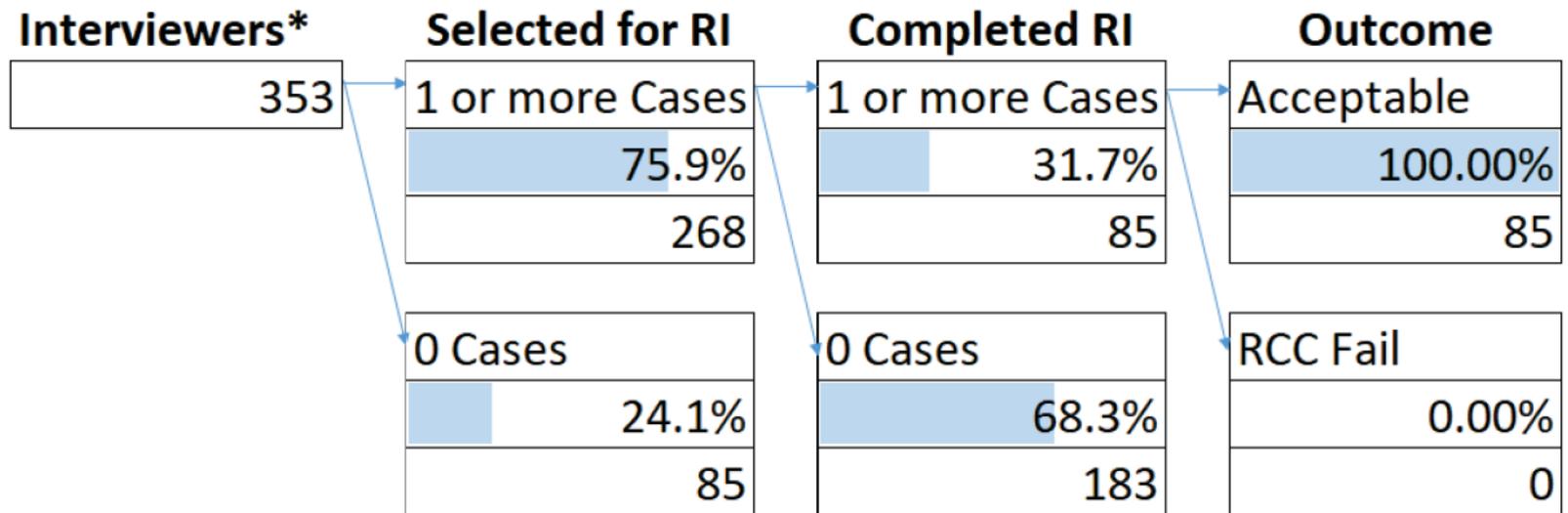
PES: PI RI Status Report					
2020/06	10/8/20				
RCC	QC Current Workload				
	Current Workload	# Open	Complete	Current Workload % Complete	# Not Started
New York	48	8	28	58.3%	12
Puerto Rico	2	1	1	50.0%	-
Philadelphia	74	5	37	50.0%	32
Chicago	75	23	16	21.3%	36
Atlanta	50	10	27	54.0%	13
Dallas	77	18	42	54.5%	17
Los Angeles	73	8	35	47.9%	30
National	399	73	186	46.6%	140

2020 PI Reinterview Overview

PI Reinterview Progress – Interviewers

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

Data as of: 10/07/2020, 2 am
Source: SMarCS



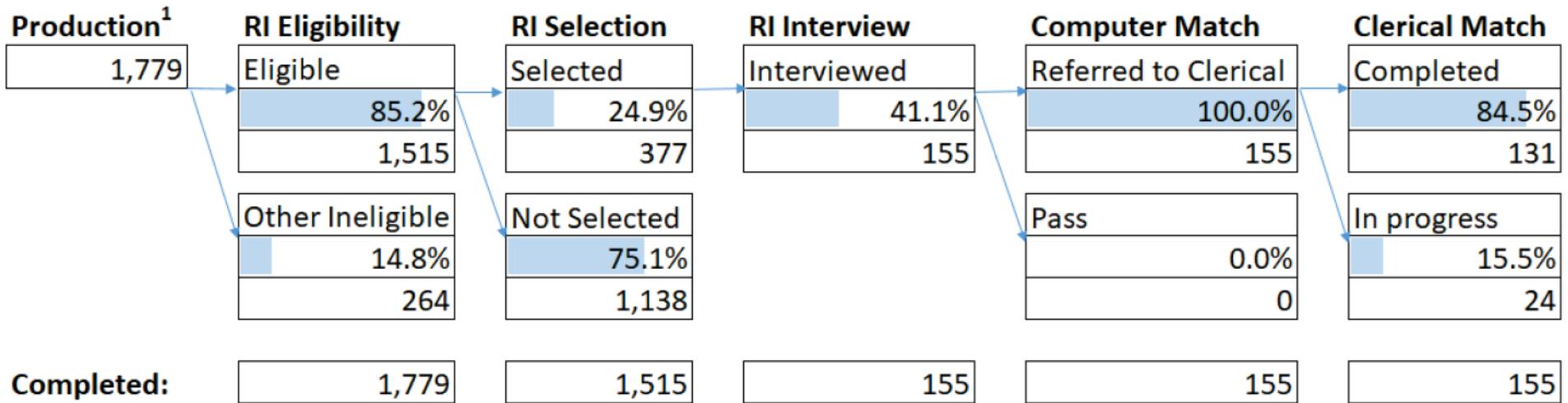
*With at least one PI case completed.

2020 PI Reinterview Overview

PI Reinterview Progress – Case Level

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

Data as of: 10/07/2020, 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: 10/07/2020, 2 am
Source: SMarCS

PI RI Outcomes	Today		Last Week		Change Since Last Week
	Count	Percent	Count	Percent	Count
Total Cases Completed Coding	131	—	—	—	—
Passed	129	98.5%	—	—	—
<i>Pass Computer</i>	0	0.0%	—	—	—
<i>Pass Clerical</i>	129	100.0%	—	—	—
Failed Clerical	2	1.5%	—	—	—
Hard Fail Recommendation	0	0.00%	—	—	—

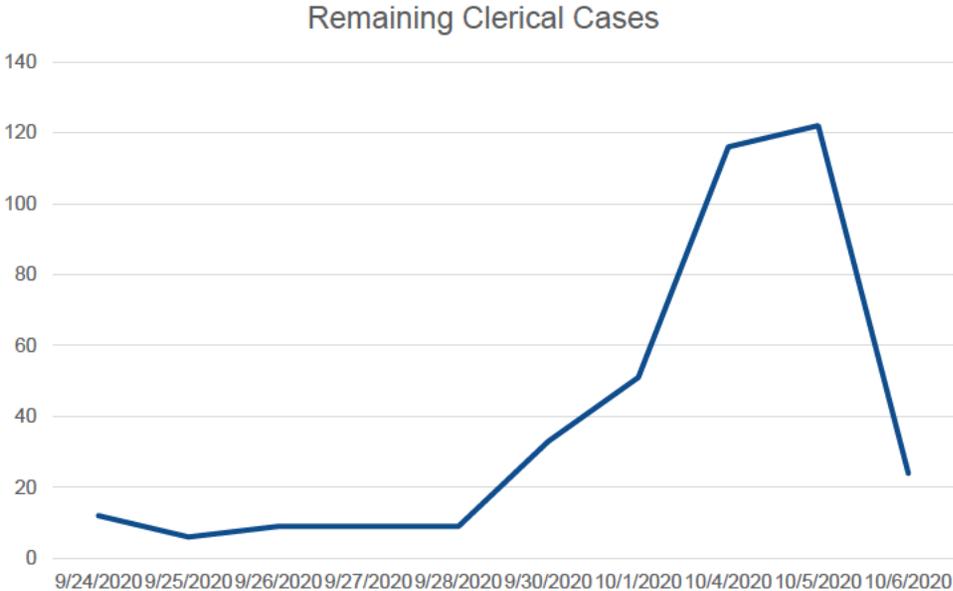
2020 PI Reinterview Overview

PI RI Clerical Resolution Progress

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

Data as of: 10/07/2020, 2 am
Source: SMarCS

Overall Progress	Overall
Total Clerical Cases	155
Cases Worked	131
Cases Remaining	24
Average Cases Per Day in the Last Week	—
Cases Worked Yesterday	122
Clerks ¹	8



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

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
Conduct PES IHU AFU Clerical Matching – Production	08/14/20	11/04/20	In progress	
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	435 BCUs
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	In progress	
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	In progress	Approx 2150 BCUs
PES-PCS creates PEL for WAVE 5	10/07/20	10/08/20	In progress	
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	In progress	

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Program-level Testing Updates

15.6 – Person Interview (PI)

15.7 – PI Clerical Geocoding (CGC)

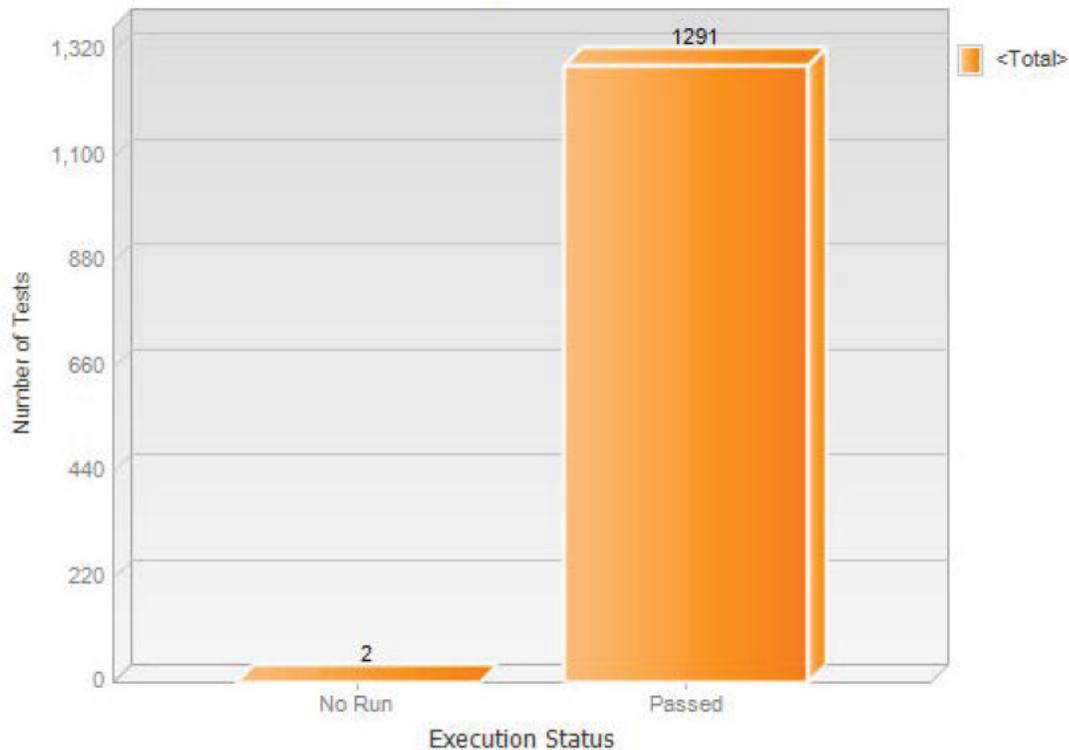
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15.6 – Program-level Testing: PI

15.6 CIG Test Cases by Execution Status



- Testing is *almost* complete. The final phase, Form Selection and Final PI output, is being verified now, and scheduled to complete Friday, October 9.
- Extended testing will not impact the start of production.

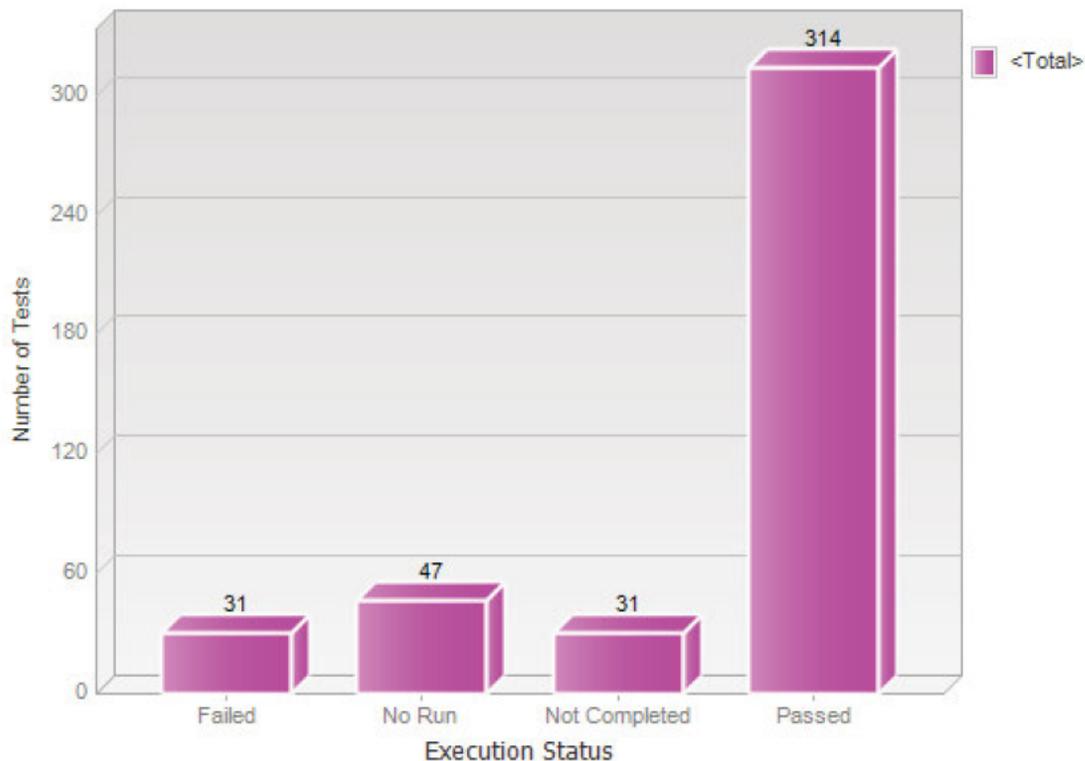
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15.7 – Program-level Testing: CGC

15.7 Clerical Geocoding (CGC)



- Testing for CGC is in full swing!
- CMMU received and successfully conducted preprocessing of the final Wave 3 data.
- Testing will continue until late October.

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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 are 6 open action items out of 11 at time of ORR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Receipt of Signatures for 2 ICDs	In Progress	10/09/2020
Completion of PES Program-Level Testing	In Progress	10/09/2020
Completion of PES Program-Level Testing TAR	In Progress	10/16/2020
Resolution of remaining DC1/DC2 defects	In Progress	10/09/2020

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

The PRR was approved on 06/08/2020. There are 9 open action items out of 17 at time of PRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Receipt of Signatures for 6 ICDs	In-progress	10/13/2020
PES CMMU receive Section 508 compliance	In-progress	10/09/2020
Completion of PES Program-Level Testing and TAR	In-progress	10/19/2020

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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 8 open action items coming out 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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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	
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	90 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	
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	435 BCUs
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	In progress	
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	In progress	Approx 2150 BCUs
PES-PCS creates PEL for WAVE 5	10/07/20	10/08/20	In progress	
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		
PES-PCS creates & releases SCIF to MCS for WAVE 5	10/19/20	10/26/20		Approx 1950 BCUs
PES-PCS creates PEL for WAVE	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		Approx 950 BCUs
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		850 BCUs
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	10/29/2020
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

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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
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	Complete	10/09/2020
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 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
Completion of PES Program-Level Test Plan	Complete	9/30/2020
Completion of PES Program-Level Test Cases	Complete	9/30/2020
Completion of Production Run Book	Complete	10/5/2020
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	12/14/2020

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Person Follow-up (PFU)

OD 15.12

Review	Date
TRR	09/18/2020
PRR	12/11/2020
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 SMarCS Project-Level Development.	Complete	09/25/2020
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	10/15/2020
Completion of CMMU 508 compliance by ORR.	In-progress	04/7/2021

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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 10/8/2020
- (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 10/8/2020
- (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 10/8/2020
- (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 10/8/2020
- (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 10/8/2020

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 01 IHUFU Delay due to COVID-19 - Due to COVID-19, states and cities have issued different orders. States and cities have restrictions surrounding their phased-in reopening. The American Indian Reservation (AIR) had restrictions surrounding access to the tribal lands.
 - Closed on 9/25/2020
- (b) 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 10/8/2020

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.
 - New risk
- (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 10/8/2020
- (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 10/8/2020

Issue Updates Due to COVID-19

As of: 10/8/2020 

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 10/8/2020

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.	

43

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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.**