

2020 Post-Enumeration Survey (PES)

July 9, 2020

Presented by:

- Pramod G. Chandewar
- John T. Baker, II
- Sherry E. Thorpe Williams
- Alexander S. Vallens
- Thuy Trang Ta Nguyen
- Alicia V. Green

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Create Small Basic Collection Unit (BCU) Sub-sample, Computer Matching, Initial Housing Unit Before Follow-Up (IHU BFU)

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PES OD 15.4 Create Small BCU Sub-Sample, Computer Matching, Initial Housing Unit (IHU) Before Follow-up (BFU) Activity Schedule

PES OD 15.4 Activities	Start	Finish	Status	Comments
Independent Listing Post-processing	1/16/2020	3/27/2020	Complete	
Small PES BCU Subsampling	3/30/2020	4/6/2020	Complete	
Initial Housing Unit Computer Matching	4/1/2020	6/3/2020	Complete	
CMMU to run Pre processing	5/18/2020	6/4/2020	Complete	
CMMU to run Clerical Matching and create 1 st Stateside SCIF	5/18/2020	5/20/2020	Complete	
CMMU to run Clerical Matching and create 2 nd Stateside SCIF	5/21/2020	5/22/2020	Complete	
CMMU to create PR SCIF	5/26/2020	6/12/2020	Complete	
CMMU creates print ready file (IHUFU packages)	5/18/2020	6/29/2020	Complete	
CMMU sends IHUFU packets to NPC Printing	5/28/2020	6/29/2020	Complete	Based on 1 st SS SCIF 1 st 10 packets for each Region including PR
Soft Launch - NPC Printing of the IHUFU packages	6/8/2020	6/15/2020	Complete	Includes 15.3 Auxiliary Maps RCCs hold packages for 15.5 Soft Launch
NPC starts Printing/Shipping IHUFU packages to RCC	6/15/2020	7/7/2020	In progress	2681 BCUs out of 7384 BCUs shipped by 07/10/2020
Perform BFU Clerical Matching	5/28/2020	6/24/2020	Complete	Daily deliveries
CMMU creates daily SCIFs & BCU Control Files to be delivered to MCS	5/29/2020	6/25/2020	Complete	Daily deliveries
Early warning report created of IHUFU workload	5/27/2020	6/25/2020	Complete	
CMMU completes BFU post processing	6/02/2020	6/29/2020	Complete	Daily deliveries
CMMU sends IHU BCU control file workload to PES PCS	6/02/2020	6/29/2020	Complete	Daily deliveries
CMMU sends IHU BCU control file workload to ATAC	6/02/2020	6/29/2020	Complete	Daily deliveries
CMMU sends IHU BCU control file workload to MCS	6/02/2020	6/29/2020	Complete	Daily deliveries
CMMU sends IL Address File to PES PCS	6/02/2020	6/29/2020	Complete	Daily deliveries

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Initial Housing Unit Follow-Up (IHUFU) Operation

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PES OD 15.5 – Initial Housing Unit Followup

- **Production Operational Timing** – July 30, 2020 – September 21, 2020

Activity	Schedule
IHUFU CFS Training	June 29 – July 14
IHUFU QC CFS Training	July 6 – July 20
IHUFU Lister Training	July 13 – July 30
IHUFU QC Lister Training	July 20 – August 6
IHUFU Soft Launch	July 23 – July 30
IHUFU Production	July 30 – Sept 14
IHUFU QC Production	August 6 – Sept 21

- IHUFU workload increased by 34.60% from 53.89%
- Much of this operation can be conducted through observation with minimal contact with respondents.
- To prepare for the increased workload, IHUFU staffing has been increased by 1,034 for Stateside and 275 for PR. The total number of staff for IHUFU operation is now 5,445.
- Depending upon performance, IHUFU FRs will roll into the PI operation.

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PES OD 15.5 Initial Housing Unit Followup (IHUFU) Operation

PES 15.5 IHUFU Activities	Start	Finish	Status	Comments
Transfer of Auxiliary Maps (RCCs to NPC to CMMU)			Complete	
CFS can create workload to assign cases	6/1/2020	9/20/2020	In progress	Based on 1 st SCIF of BCUs that skipped BFU
TAC Receives Spreadsheet from RCCs for CFSs/QC CFSs and add'l CFSs/QC CFSs	6/3/2020	6/3/2020	Complete	
TAC will Bulk Create CHAS SRs for CFSs/QC CFSs and add'l CFSs/QC CFSs	6/5/2020	6/5/2020	Complete	
TAC Receives Spreadsheet from RCCs for Enumerators (1)	6/5/2020	6/5/2020	Complete	updated daily
Depot to Provision & Ship Laptops for CFSs/QC CFSs and add'l CFSs/QC CFSs	6/8/2020	6/9/2020	Complete	06/08 -150, 06/09-233
TAC will Bulk Create CHAS SRs for Enumerators (1)	6/8/2020	6/8/2020	Complete	
Depot to Provision & Ship Laptops for Enumerators (1)	6/10/2020	6/12/2020	Complete	06/10-236, 6/11-245, 06/12 - 89
RCC start to receive IHUFU Packets with Check-out Activity Report	6/10/2020	7/6/2020	In progress	
TAC Receives Spreadsheet from RCCs for Enumerators (2)	6/11/2020	6/11/2020	Complete	
TAC will Bulk Create CHAS SRs for Enumerators (2)	6/12/2020	6/12/2020	Complete	
IHUFU Packets & QC forms are distributed to CFS from RCCS	6/12/2020		In progress	
Depot to Provision & Ship Laptops for Enumerators (2)	6/15/2020	6/19/2020	Complete	06/15 -294, 6/16 - 291, 6/17 - 226,6/18-263, 6/19 - 153
TAC Receives Spreadsheet from RCCs for Enumerators (3)	6/18/2020	6/18/2020	Complete	
TAC will Bulk Create CHAS SRs for Enumerators (3)	6/19/2020	6/19/2020	Complete	
Date for Depot to Provision & Ship Laptops for Enumerators (3)	6/22/2020	6/26/2020	Complete	06/22 -321, 6/23 - 316, 06/24 -309, 06/25 - 172, 06/26 - 74
TAC Receives Spreadsheet from RCCs for add'l Enum	6/25/2020	6/25/2020	Complete	
TAC will Bulk Create CHAS SRs for add'l Enum	6/26/2020	6/26/2020	Complete	
Date for Depot to Provision & Ship Laptops for add'l Enum	6/29/2020	7/2/2020	Complete	06/29 - 194, 06/30 - 306,07/01 - 261 ,07/02 - 202
TAC Receives Spreadsheet from RCCs for QC Enumerators/add'l QC Enumerators	7/1/2020	7/1/2020	Complete	
TAC will Bulk Create CHAS SRs for QC Enumerators/add'l QC Enumerators	7/2/2020	7/2/2020	Complete	
Date for Depot to Provision & Ship Laptops for QC Enumerators/add'l QC Enumerators	7/6/2020	7/8/2020	In progress	07/06 - 161, 07/07 - 200,07/08 -229 (Total -4926)

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PES OD 15.5 Initial Housing Unit Followup (IHUFU) Operation

IHUFU Activities	Start	Finish	Status	Comments
IHUFU CFS Training	6/29/2020	7/14/2020	In progress	
IHUFU CFS QC Training	7/6/2020	7/20/2020	In progress	
IHUFU Enumerator Training	7/13/2020	7/30/2020		
IHUFU QC Enumerator Training	7/20/2020	8/6/2020		
FLD Soft Launch	7/23/2020	7/30/2020		Laptops and IHUFU questionnaires available to start this on time
FLD QC Soft Launch	7/27/2020	8/3/2020		
QC CFS start to send production and QC packets back to RCCs	7/27/2020	-		Daily
RCCs start to check in IHUFU packets	7/28/2020	-		Daily
RCCs perform check-in and check-out to NPC	7/28/2020	-		Daily
RCCs ships back IHUFU packets to NPC	7/28/2020	-		Daily
NPC to check in IHUFU packets into CMMU	7/29/2020	-		Daily
NPC to check-in and batch IHUFU Questionnaires and Maps in ATAC	7/29/2020	-		Daily
NPC scans IHUFU Questionnaires, auxiliary maps and maps into WIPS	7/29/2020	-		Daily
Feith receives scanned IHUFU questionnaires from WIPS	7/29/2020	-		Daily
CMMU receives maps and auxiliary map files from WIPS	7/29/2020	-		Daily
CMMU receives notification of scanned IHUFU questionnaires from ATAC	7/29/2020	-		Daily
IHUFU Enumerator/IHUFU QC Replacement Training	7/30/2020	9/8/2020		
Conduct IHUFU and IHUFU QC Replacement Training	7/30/2020	9/8/2020		
IHUFU Production	7/30/2020	9/14/2020		
IHUFU QC Production	8/6/2020	9/21/2020		

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Periodic Performance Management Reports

2020 Census: Post Enumeration Survey Initial Housing Unit Follow-up Staffing

Status:

● On Track

Data current as of:

July 7, 2020

Completion Date:

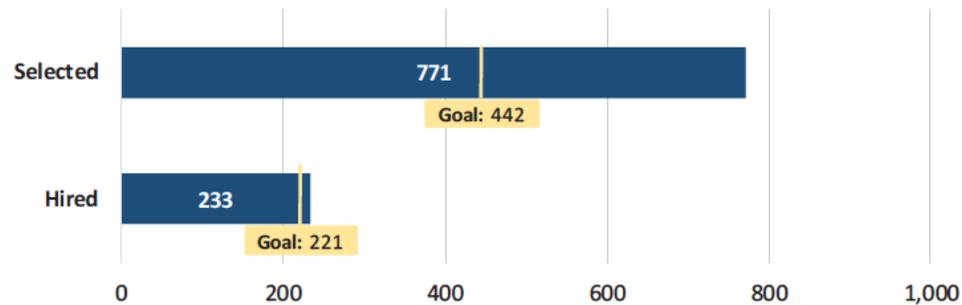
May 12, 2020

Notes:

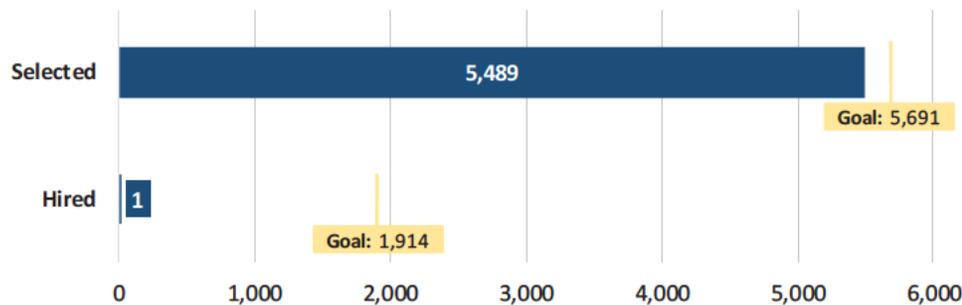
- The data shown on the report cover both production and quality control CFSS and listers.
- Selection for CFSS began on January 27, 2020 and completed on February 10, 2020. Training for CFSS will begin on April 6, 2020 and will complete on April 24, 2020.
- Selection for enumerators began on February 10, 2020 and will complete on February 24, 2020. Training for listers will begin on April 20, 2020 and will complete on May 13, 2020.

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

Onboarding Status for Census Field Supervisors



Onboarding Status for Listers



Source: 2020 R&A/DAPPS Applicant Summary Report

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Operational Readiness Review Summary for PES OD 15.5 Initial Housing Unit Follow-Up (IHUFU)

The ORR was approved on 6/23/20. There is 1 open action item out of 2 at time of ORR.

Open Item	Status	Expected Completion Date
We need to determine if we have enough space in Feith for IHUFU forms with the increase in scope vs. what was originally planned	In-progress	7/23/2020
Path forward for the printing of maps that need to be updated during IHU AFU taking into account clerical matching staff teleworking	Complete	

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

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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			5,088 Laptops
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	In progress	
Train HQ volunteers on Early AFU	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 AFU	07/16/20	07/24/20		
PES-PCS creates Individual PEL for Wave 1	07/23/20	07/24/20		
PES-PCS creates PI Subsample for Wave 1	08/03/20	08/07/20		
NPC & HQ clerical matchers prequel & DSSD provides prequal feedback	08/03/20	08/07/20		
Conduct PES IHU AFU Clerical Matching – Production	08/14/20	11/04/20		
PES-PCS creates and releases SCIF for Wave 1 to MCS	08/17/20	08/27/20		207 BCUs
PI CFS Training	08/17/20	08/31/20		
PI RI CFS Training	08/24/20	09/08/20		
PES-PCS creates PEL for WAVE 2	08/24/20	09/21/20		
NPC Prints (updated) Small Format maps for Wave 2	08/24/20	09/21/20		
PI Lister Training	08/31/20	09/18/20		
PES-PCS creates subsample for WAVE 2	09/01/20	09/02/20		
Start of 15.6 Technical Soft Launch (conducted by CFS)	09/01/20	09/02/20		
Start of 15.6 PI RI Technical Soft Launch (conducted by RI CFS)	09/03/20	09/04/20		
PI RI Lister Training	09/08/20	09/28/20		
Start of 15.6 Soft Launch (conduct by Lister)	09/08/20	09/22/20		
PES-PCS creates & releases SCIF to MCS for WAVE 2 SCIF	09/09/20	09/14/20		345 BCU
Start of 15.6 PI RI Soft Launch (conduct by Lister)	09/09/20	09/29/20		

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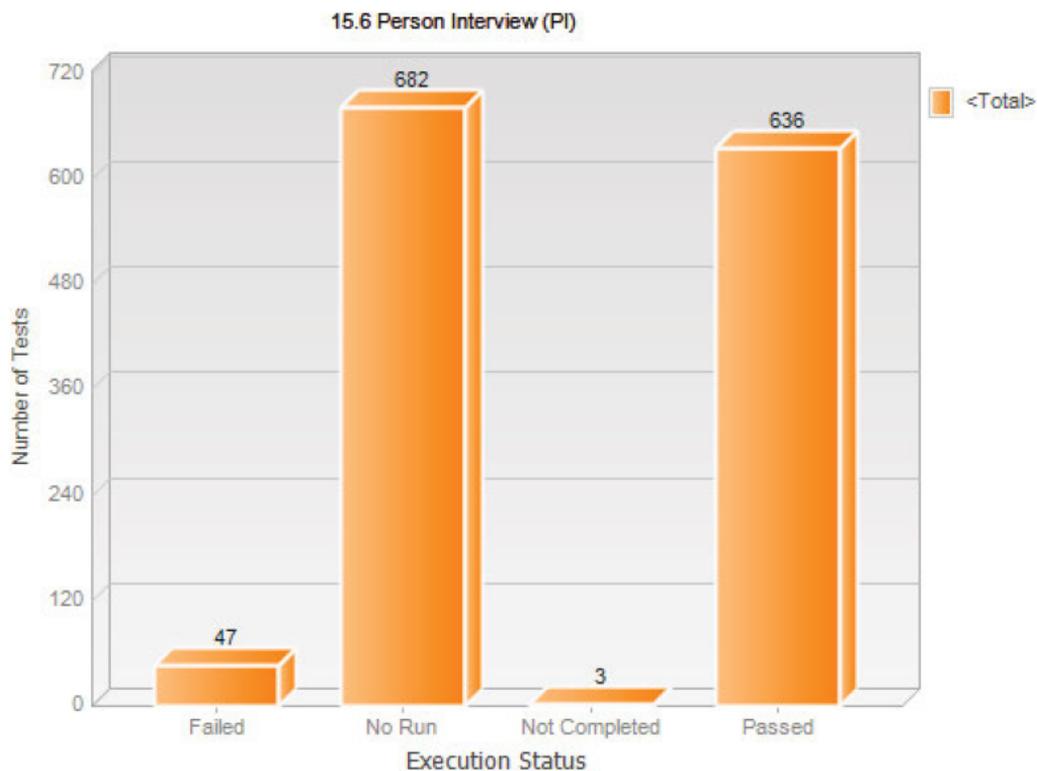
OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

PES OD 15.6 Activities	Start	Finish	Status	Comments
PES-PCS creates WAVE 3 PEL	09/15/20	09/16/20		
NPC Prints (updated) Small Format maps (wave 3)	09/15/20	10/07/20		
PES-PCS creates WAVE 3 Subsample	09/22/20	09/23/20		
Start of 15.6 PI PRODUCTION Operation	09/23/20	12/11/20		
PES-PCS creates & releases WAVE 3 SCIF to MCS	09/29/20	10/07/20		2,193 BCUs
PES-PCS creates PEL for WAVE 4	09/25/20	09/28/20		
NPC Prints (updated) Small Format maps for Wave 4	09/25/20	10/14/20		
PES-PCS creates Subsample for WAVE 4	09/30/20	10/01/20		
PES-PCS creates & releases SCIF to MCS for WAVE 4	10/06/20	10/14/20		2,203 BCUs
PES-PCS creates PEL for WAVE 5	10/07/20	10/08/20		
NPC Prints (updated) Small Format maps for Wave 5	10/07/20	10/26/20		
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		
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		962 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		842 BCUs
PES Conducts PI Post Processing				

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15.6 – Program-level Testing: PI



- Overall, testing continues to progress. We significantly increased the number of passed test cases, but doubled the number of failed test cases.
- There are two critical defects currently outstanding. SMarCS and PES PCS are working to resolve these defects.
- Program-level testing has been extended and will finish by 8/28/20. Extending the testing time does not impact the start of production.

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Production Readiness Summary for PES OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample, Person Interview (PI) Operation

The PRR was approved on 4/23/20. There are 17 open action items out of 31 at time of PRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Finalization of system level documentation	In-progress	7/31/2020
Receipt of Signatures for 5 ICDs	In-progress	8/3/2020
Completion of PES Program-Level Testing and TAR	In-progress	8/28/2020
Deployment of 3 systems to the production environment	In-progress	7/30/2020

Operational Readiness Summary for PES OD 15.6 Initial Housing Unit After Follow-Up, Create PI Sample*

The ORR for the IHU AFU and PI Sample piece of 15.6 was approved on 6/25/20. There are 2 open action items out of 4 at time of ORR.

Open Item	Status	Expected Completion Date
Deployment of PES PCS to Production.	In-progress	7/17/2020
Completion of 3rd round of CAT2 Testing.	In-progress	7/15/2020

*Please note that the ORR for the PI Operation piece of 15.6 will take place on 8/3/2020.

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Person Interview Clerical Geocoding (CGC)

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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 12 open action items out of 17 at time of PRR.

High-Level Summary:

Open Item	Status	Expected Completion Date
Finalization of PES Program-Level Test Plan	In-progress	7/31/2020
Completion of PES Program-Level Test Cases	In-progress	8/3/2020
Receipt of Signatures for 6 ICDs	In-progress	10/07/2020
PES CMMU receive Section 508 compliance	In-progress	8/19/2020
Completion of PES Program-Level Testing and TAR	In-progress	9/30/2020

Person Interview Clerical Residence Status Coding (RSC)

OD 15.8

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

The TRR was approved on 04/21/2020. There are 4 open action items out of 10 at time of TRR.

Open Item	Status	Expected Completion Date
CMMU completion of 508 compliance testing	In-progress	8/19/2020
Completion of the PES Program-Level Test Plan	In-progress	7/31/2020
Completion of creation of the PES Program-Level Test Cases	In-progress	8/28/2020
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	
Completion of development of the runbook	Complete	6/26/2020

Autocoding

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Test Readiness Summary for OD 15.16 Autocoding

The TRR was approved on 05/14/2020. There is 1 open action item out of 12 at time of TRR.

Open Item	Status	Expected Completion Date
Completion of PES Program-Level Test Plan	In-progress	7/31/2020
Completion of PES Program-Level Test Cases	Complete	7/31/2020
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	Complete	9/15/2020
Completion of Production Run Book	Complete	7/10/2020

Person Interview Duplicate Search

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Test Readiness Summary for OD 15.9 Person Interview Duplicate Search

The TRR was approved on 06/18/2020. There are 5 open action items out of 10 at time of TRR.

Open Item	Status	Expected Completion Date
Delivery of PES PCS Release Notes	In-progress	7/30/2020
Delivery of PES PCS TAR	In-progress	7/30/2020
Completion of PES Program-Level Test Plan	In-progress	7/31/2020
Completion of PES Program-Level Test Cases	In-progress	7/31/2020
Sufficient PES Program-Level Test data available from the prior sub-OD to begin PES Program-Level Testing for this sub-OD	In-progress	

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) CMFO022 IHUFU Delay due to COVID-19 – IF states and cities have restrictions surrounding their COVID-19 phased-in reopening, then Field Representatives (FRs) might not be able to conduct the IHUFU operation for the impacted areas.
 - No updates 6/17/2020
- (b) Created CMFO023 Delay in Onboarding Listers for IHUFU – IF PES cannot get the Listers hired and fingerprinted on time, THEN there may be a delay in the IHUFU operation.
 - Reduced probability
- (c) Created CMFO024 Delay in IHUFU 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..
 - Reduced probability
- (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 update 6/17/2020

Risk Updates Due to COVID-19

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

- (a) CMM016 Staff Readiness After Followup (AFU) – IF the clerical matching staff at NPC is not trained and ready for IHU AFU production by August 14, 2020, THEN the quality of work and productivity of the clerical matching staff will be low.
 - No update 6/18/2020
- (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 update 6/18/2020
- (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.
 - New risk as of 6/25/2020