

PRE-DECISIONAL - 2020 Census Systems

System	2018 End-to-End Census Test Releases											2020 Census Releases							
	In-Office AdCan (Release I)	Systems in Production					Future Releases					ATO Status	Future Releases						
		Recruiting Release 1	Training Release 1	Release A	Recruiting Release 2	Training Release 2	Release C [†]	Release D	Release E	Release 1	Release 2		Release 3	Release 4					
Test Readiness Review Dates	----	11/18/2016	3/8/2017	(1) 3/8/2017 (2) 5/10/2017	6/15/2017	10/11/2017	(2) 11/17/2017 (3) 3/27/2018	(1) 12/6/2017 (2) 4/17/2018	(1) 2/26/2018 (2) 7/11/2018 (3) 10/31/2018			5/21/2018	11/5/2018	2/19/2019	10/3/2019				
Production Readiness Review Dates	12/13/2016	12/1/2016	6/22/2017	7/26/2017	7/31/2017	1/12/2018	(2) 1/26/2018 (3) 5/21/2018	(1) 2/13/2018 [†] (2) 6/11/2018	(1) 4/4/2018 (2) 9/4/2018 (3) 12/3/2018			7/23/2018	3/1/2019	6/5/2019	2/3/2020				
Conduct Operation Dates	----	3/31/2017	7/31/2017	8/28/2017	9/5/2017	3/19/2018	(2) 2/12/2018 (3) 6/11/2018	(1) 3/14/2018 (2) 7/16/2018	(1) 5/1/2018 (2) 10/1/2018 (3) 1/7/2019			9/1/2018	5/1/2019	11/1/2019	7/1/2020				
1	2020 Website⁶						✓ ₂	✓ ₃	✓ ₁	✓ ₂					✓	✓			
2	ATAC (Automated Tracking and Control)						✓ ₂	✓ ₃	✓ ₁	✓ ₂					✓*	✓			
3	BARCA⁶ (Block Assessment, Research, and Classification Application)	✓																	
4	CAES (Concurrent Analysis and Estimation System)							✓ ₁			Y ^{SIA}				✓	✓			
5	CaRDS (Control and Response Data System)						✓ ₂	✓ ₃	✓ ₁	✓ ₂	✓ ₃	Y		✓	✓	✓			
6	CBS (Commerce Business System)		✓	✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓	✓			
7	CDL (Census Data Lake)						✓ ₂	✓ ₃ ^T	✓ ₁	✓ ₂ ^T	✓ ₂	✓ ₃	Y	✓	✓	✓			
8	CEДСCI (Center for Enterprise Dissemination Services and Consumer Innovation)										✓ ₃	In progress				✓			
9	CEM (Customer Experience Management)														✓				
10	CENDOCS⁶ (Census Document System)		✓	✓	✓ _{1,2}	✓						Y	✓	✓	✓	✓			
11	Centurion								✓ ₂			In progress			✓	✓			
12	CHEC (Census Hiring and Employment Check System)		✓	✓	✓ _{1,2}	✓		✓ ₃				Y ^{SIA}	✓	✓	✓				
13	CHRIS (Census Human Resources Information System)		✓	✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓	✓			
14	CIRA (Census Image Retrieval Application)						✓ ₂		✓ ₁	✓ ₂		Y			✓	✓			
15	CQA (Census Questionnaire Assistance)						✓ ₂		✓ ₁			Y			✓				
16	CRM (Customer Relationship Management)														✓				
17	DAPPS (Decennial Applicant, Personnel and Payroll Systems)		✓	✓	✓ _{1,2}	✓		✓ ₃	✓ ₁	✓ ₂		Y ^{SIA}	✓	✓	✓				
18	Desktop Services		✓	✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓				
19	DMP (Data Management Platform)														✓				
20	DRPS (Decennial Response Processing System)						✓ ₂		✓ ₁		✓ ₁	✓ ₂	✓ ₃	Y		✓	✓		
21	DPACS (Decennial Physical Access Control System (PACS))							✓ ₃				Y	✓	✓	✓				
22	DSC (Decennial Service Center)		✓	✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y (Remedy 9 auth.)	✓	✓	✓				
23	ECaSE - ENUM (Enterprise Censuses and Surveys Enabling Platform – Enumeration)							✓ ₃	✓ ₁	✓ ₂		Y			✓				
24	ECaSE - FLD - OCS (Enterprise Censuses and Surveys Enabling Platform – Field Operation Control System)			✓	✓ ₂	✓		✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓				
25	ECaSE - ISR (Enterprise Censuses and Surveys Enabling Platform – Internet Self-Response)						✓ ₂		✓ ₁			Y			✓				
26	ECaSE - OCS (Enterprise Censuses and Surveys Enabling Platform – Operational Control System)				✓ ₂	✓	✓ ₂	✓ ₃ ^T	✓ ₁	✓ ₂ ^T		Y		✓	✓				
27	FDS (Fraud Detection System)										✓ ₂	In progress			✓				
28	Geospatial Services				✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y		✓	✓				
29	GUPS (Geographic Update Partnership Software)														✓*				
30	iCADE (Integrated Computer Assisted Data Entry)						✓ ₂		✓ ₁	✓ ₂		Y			✓				
31	IDMS (Identity Management System)		✓	✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		✓ ₃	Y	✓	✓	✓	✓		
32	ILMS (Integrated Logistics Management System)				✓ _{1,2}	✓			✓ ₁	✓ ₂		In progress	✓	✓	✓				
33	IPTS (Intelligent Postal Tracking System)						✓ ₂		✓ ₁	✓ ₂		Y			✓				
34	LIMA (Listing and Mapping Application)				✓ ₂				✓ ₁			Y		✓	✓				
35	MaCS⁶ (Matching and Coding Software)						✓ ₂					Y		✓	✓				
36	MAF/TIGER (Master Address File/Topologically Integrated Geographic Encoding and Referencing Database)	✓	✓		✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂	✓ ₂	✓ ₃	Y	✓	✓	✓	✓		
37	MCM (Mobile Case Management)				✓ ₂				✓ ₁			Y		✓	✓				
38	MOJO Optimizer/Modeler (MOJO – Optimizer/Modeling)				✓ _{1,2}				✓ ₁			Y		✓	✓				
39	MOJO Recruiting Dashboard⁶		✓	✓	✓	✓		✓ ₃				Y	✓	✓	✓	✓			
40	NPC Printing (Printing at the National Processing Center)				✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓				
41	OneForm Designer Plus⁶	Standalone system; no program-level integration testing required										N/A							
42	PEARSIS (Production Environment for Administrative Records, Staging, Integration, and Storage)						✓ ₂		✓ ₁		✓ ₂	✓ ₃	Y		✓	✓			
43	PES Clerical Match and Map Update (Post-Enumeration Survey - Clerical Matching System and Map Update)														✓	✓			
44	PES Imputation and Estimation (Post-Enumeration Survey - Imputation and Estimation System)														✓	✓			
45	PES PCS (Post-Enumeration Survey - Processing and Control System)														✓	✓			
46	R&A (Recruiting and Assessment)		✓	✓	✓ _{1,2}	✓		✓ ₃	✓ ₁	✓ ₂		Y	✓	✓	✓				
47	RTNP⁶ (Real Time Non-ID Processing)						✓ ₂					Y			✓				
48	SMaRCS (Sampling, Matching, Reviewing, and Coding System)				✓ _{1,2}				✓ ₁		✓ ₂	Y		✓	✓	✓			
49	SOA (Service Oriented Architecture)			✓	✓ _{1,2}	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂	✓ ₂	✓ ₃	Y	✓	✓	✓	✓		
50	Tabulation (Decennial Tabulation System)										✓ ₃	In progress				✓			
51	UTS (Unified Tracking System)	✓	✓	✓	✓ ₂	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂ ^T	✓ ₂	✓ ₃	Y	✓	✓	✓	✓		
52	WebTQA (Web Telephone Questionnaire Assistance)													✓*					
Totals		3	12	13	21	16	17	23	22	31	24	1	9	11	38	19	26	47	22
Acquired and Support Systems																			
1	CES (Center of Economic Studies)								✓ ₁	✓ ₂	✓ ₂	✓ ₃	TBD			✓			
2	CFS Hotline (Census Field Supervisor Hotline)			✓	✓ _{1,2}						✓ ₂		TBD		✓	✓			
3	Commercial Printing							✓ ₂		✓ ₁			Y		✓	✓			
4	dDaas (Decennial Device as a Service)						✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂		Y		✓	✓			

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	In-Office AdCan (Release I)	Systems in Production					Future Releases				ATO Status	Future Releases					
		Recruiting Release 1	Training Release 1	Release A	Recruiting Release 2	Training Release 2	Release C [†]	Release D	Release E	Release 1		Release 2	Release 3	Release 4			
5	DSSD (Decennial Statistical Studies Division)						✓ ₂	✓ ₃	✓ ₁	✓ ₂	✓ ₂	Y		✓	✓	✓	
6	ENS (Emergency Notification System)		✓		✓ _{1,2}	✓	✓	✓ ₂	✓ ₃	✓ ₁	✓ ₂	Y	✓	✓	✓		
7	Fingerprint Vendor						✓	✓ ₃				Y	✓	✓	✓		
8	NPC (National Processing Center)							✓ ₂	✓ ₃	✓ ₁	✓ ₂	Y		✓	✓		
9	POP (Population Division)										✓ ₂	Y			✓	✓	
10	Sunflower		✓	✓	✓ _{1,2}	✓				✓ ₁	✓ ₂	Y	✓	✓	✓	✓	
External Systems																	
1	Bureau of Fiscal Service																
2	CLER (Centralized Enrollment Clearinghouse System)																
3	DHS USCIS (US Citizen and Immigration Services)																
4	EWS (Equifax Workforce Solutions)																
5	FBI (Federal Bureau of Investigation)																
6	Federal LTC Insurance (LTC Partners/B58 Federal Long Term Care Insurance Program)																
7	NARA (National Archives and Records Administration)																
8	NFC (National Finance Center)																
9	NGA Imagery Service (National Geospatial-Intelligence Agency Imagery Service)																
10	OCSE (Office of Child Support Enforcement)																
11	OPM (Office of Personnel Management)																
12	RITS (Retirement and Insurance Transfer System)																
13	SSA (Social Security Administration)																
14	USACCESS																
15	USPS (United States Postal Service)																
16	WebTA (Web Time and Attendance System)																

- KEY:**
- ‡ = GQ Workload/Advance Contact was moved from Release C-1 to Release C-3; to avoid confusion, Release C-1 was removed
 - ✓_x = Participated/Will Participate in Census/Census Test (with TRR information)
 - ✓* = Release G for Geographic Programs
 - = GAO identified system development and integration testing as "complete"
 - SIA = Security Impact Assessment (SIA) required to determine if reauthorization is necessary
 - CR = Change Request Pending
 - ATO Status has been updated
 - Lt. Blue = 2020 Census System, not included in the 2018 End-to-End Census Test
 - Grey = Not Applicable
 - Purple = CEDCaP System
 - Red = At risk of meeting Conduct Operation date
 - Yellow = At risk of meeting Test Readiness Review (TRR) date
 - Orange = At risk of meeting Production Readiness Review (PRR) date
 - Green = In production
 - System Status has changed from At Risk to On Track
 - System in production with reported issues

REASONS FOR AT RISK STATUS:

- B = Budget/Resources
- S = Schedule
- T = Technical Blockers

Sources: Systems List v.41 and 2018 IIP v.58.0; 2020 IIP v.02_6

2018 End-to-End Census Test Releases
Release I (In-Office Address Canvassing (AdCan))
Recruiting Release 1 (AdCan Recruiting)
Training Release 1 (AdCan Training)
Release A (In-Field AdCan); TRR 1 = Final functionality for all AdCan systems except ECaSE, LiMA/MCM, and UTS; TRR 2 = Final ECaSE, LiMA/MCM, and UTS
Recruiting Release 2 (Field Enumeration Recruiting)
Training Release 2 (Nonresponse Followup (NRFU) Training)
Release C-2 (Self-Response; includes: Printing/Mailing/Workload and Census Questionnaire Assistance (CQA)/Self-Response)
Release C-3 (Group Quarters (GQ) Workload/Advanced Contact/All GQ Training)
Release D-1 (Field Enumeration (includes Update Leave/NRFU/Coverage Improvement operations))
Release D-2 (GQ eResponse/GQ Enumeration/Service Based Enumeration)
Release E-1 (Tabulation and Dissemination - Residual Coding)
Release E-2 (Tabulation and Dissemination - Post Capture Data Interface, Primary Selection Algorithm, Census Unedited File/Fraud Detection)
Release E-3 (Tabulation and Dissemination - Census Edited File, Micro Data File, Disseminate redistricting data required by Public Law 94-171)
2020 Census Releases
Release 1 (Recruiting for all positions/AdCan Recruiting; Selection/Hiring/Training of Recruiting Assistants, Partnership Assistants, Office)
Release 2 (Address Canvassing selection of Census Field Supervisors, Enumerator and Listers; Post Enumeration Survey (PES) Sample Release: Initial Sample for PES; AdCan Training; In-Field Address Canvassing; Peak Operation)
Release 3 (Advertising and Earned Media; Housing Unit Count Review; Peak Operation Training (includes UL/GQ/Update Enumerate (UE)/NRFU); PES - Independent Listing Training; PES - Independent Listing; GQ Workload and Advanced Contact/CQA Training/Printing and Mailing Workload; Remote Alaska; Island Areas Censuses; Enumeration at Transitory Locations; Self-Response (includes Mailing/Self-Response/CQA/Coverage Improvement); Peak Operations (includes UL/UE/GQ/SBE/Early NRFU/NRFU); PES - Person Interview;
Release 4 (Tabulation/Dissemination; Archiving; Federally Affiliated Count Overseas; Redistricting Data; PES - Person Follow-up; Count Question Resolution; PES - Final Housing Unit Follow-up; PES - Reports and Release)

As of 3/26/2018