

## DRF1 Anomaly Summary

Issue ID	Title	Requirements received	Development started	Development completed	Project level test - individual patch started	Project level test - individual patch completed	Released for SME Review	Completed SME Review	Notes
1	Standard age calculation is incorrect when month and day is missing from the record.	1	1	1	1	1	1	1	
2	Invalidate HU data when associated with GQ Enumeration	1	1	1	1	1	1		DSSD verified on 11/25
7	GQ type code is incorrectly passed to DRPS	1	1	1	1	1			Forecasted to go to POP and DSSD on 11/27.
9	Problem with flagging of NRFU and paper resends	1	1	1	1				Went back to development on 11/26. Expect to go back to test on 11/27.
24	Mismatch between GEO and DSSD to identify survivor ID - creating conflict for DRPS to identify and correctly process duplicates	1	1	1	1	1	1		
37	Data-Defined Person (DDP) Mismatch	1	1	1					
39	GQ Rework	1	1						
40	Survivor MAFIDs missing from universe file	1	1	1	1	1	1		
58	NRFU Reinterview records in fail file	1	1	1	1	1	1		
61	GQ Population Reconciliation	1	1	1	1	1	1		
71	Error in exception handling of brother/sister relationship variables set	1	1	1	1	1	1	1	
73	Person records without associated housing	1							
89	Continuation form linking for UE	1							
94	GQ Non-Residential Conversions	1	1	1	1	1	1		
95	GQ Overcount at universities	1	1						
	<b>Grand Total as of 11/27</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>2</b>	
	<b>Grand Total as of 11/23</b>	<b>14</b>	<b>9</b>	<b>7</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Document #2

As of: 11/27/2020

DRF1 Anomaly Tracker - Active Issues

Version  
Page 2 of 5 p

Issue ID	Title	Description	Impact	Anomaly confirmed	Requirements received	Development started	Development completed	Project level test - individual patch started	Project level test - individual patch completed	Released for SME Review	Completed SME Review	Deploy to production	Status	Notes	Complexity
1	Standard age calculation is incorrect when month and day is missing from the record.	Currently calculation is adding one year. Current standard age is needed for person matching for DRF2 to eliminate duplicates.	All States ~750,476 IDs	11/17/2020	11/19/2020	11/19/2020	11/21/2020	11/21/2020	11/23/2020	11/24/2020	11/25/2020				Low
2	Invalidate HU data when associated with GQ Enumeration	When a person responds by self response or NRFU, whose data is also in GQE, DRPS should process GQE response and ignore response from HU.	127,296 records reported nationwide	11/17/2020	11/18/2020	11/19/2020	11/21/2020	11/21/2020	11/23/2020	11/24/2020					Med
7	GO type code is incorrectly passed to DRPS	There are 1,526 IDs where GQ type is 999 (GQ unidentified) in DRPS, but they all have GQ type in GEO. It was incorrectly passed to DRPS.	1,526 records nationwide (6 states not impacted)	11/17/2020	11/18/2020	11/19/2020	11/21/2020	11/21/2020	11/23/2020					Forecasted to go to POP and DSSD on 11/27.	Med
9	Problem with flagging of NRFU and paper resends	When DRPS receives the record twice, it should keep the recent one. The data was resent to correct output issues. If this issue isn't correct, the most accurate record may not be selected	All States 37000 reported in one state	11/17/2020	11/18/2020	11/24/2020	11/24/2020	11/24/2020						Went back to development on 11/26. Expect to go back to test on 11/27	Med
24	Mismatch between GEO and DSSD to identify survivor ID - creating conflict for DRPS to identify and correctly process duplicates	If the issue isn't fix there is a potential of overcount. MAFID A and B will be processed instead of identifying MAFID A or B.	All States 3,343 records reported	11/17/2020	11/19/2020	11/23/2020	11/25/2020	11/25/2020	11/25/2020	11/25/2020					High
37	Data-Defined Person (DDP) Mismatch	DDP mismatch between DSSD and DRPS coding. Valid Data-Defined Person is one with sufficient information for processing. Related to special characters provided in the name fields.	26 records reported nationwide	11/17/2020	11/19/2020	11/19/2020	11/26/2020								Med

Document #2

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39	GQ Rework	There are GQs where only one person has rework flag yes. This was supposed to be an indication that the GQ (as a whole) was reworked. This indicator invalidates all persons at the GQ who do not have rework indicated. DSSD QC has indicated there was only one GQ flagged for rework. If not corrected this may result in undercount persons.	All States 16,813 records reported for all states	11/17/2020	11/16/2020	11/27/2020									Med
40	Survivor MAFIDs missing from universe file	For 2723 records survivor IDs were chosen incorrectly and were not included in the universe file sent to DRPS. If not fixed, the records will be excluded in DRF2.	2,723 records reported nationwide	11/19/2020	11/20/2020	11/23/2020	11/25/2020	11/25/2020	11/25/2020	11/25/2020					Med
58	NRFU Reinterview records in fall file	If there is one reinterview response in fall file, but two reinterview responses only one response should be flagged for further processing.	94 records reported nationwide	11/17/2020	11/19/2020	11/22/2020	11/22/2020	11/23/2020	11/24/2020	11/25/2020					Low
61	GQ Population Reconciliation	DRPS uses the count of ICQs scanned into FOCs/UTS to determine if DRPS has all records accounted for. There was an issue with how UTS calculated this count for special GQ records, which is causing DRPS to generate records erroneously to make up the difference.	All States 45,000 reported in California and 18,000 in Texas	11/19/2020	11/21/2020	11/23/2020	11/23/2020	11/23/2020	11/24/2020	11/25/2020					Med
71	Error in exception handling of brother/sister relationship variables set	Fix required to identify the correct relationship variable during exception handling.	Impacting all states when applying the patch	11/17/2020	11/19/2020	11/19/2020	11/23/2020	11/23/2020	11/24/2020	11/25/2020	11/25/2020				Med

Document #2

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73	Person records without associated housing unit records	For paper responses where respondent doesn't complete the housing unit questions, but does complete person level questions, DRPS must generate housing unit record for the persons. There was coding error associating person level data to a correct state. If this error isn't corrected demographic data for persons will be missed, and may impact the final pop counts.	136,373 records reported across 9 states	11/17/2020	11/19/2020										High
89	Continuation form linking for UE	When continuation forms were resent and when a SESSION_CONTEXT_CODE=76 (dummy) record was generated, that continuation form is linking to a wrong parent. Also when both records from a continuation form are placed into a HU that both records are not being identified as duplicates.	All 6 UE States 344 records reported	11/19/2020	11/24/2020										High
94	GQ Non-Residential Conversions	When GQ is converted into Non-residential unit it should be placed into housing unit tables. If not corrected, the record won't be counted into CUF.	88 GQ Locations nationwide	11/20/2020	11/22/2020	11/24/2020	11/25/2020	11/25/2020	11/25/2020	11/25/2020					High
95	GQ Overcount at universities	In certain universities, each dorm has attached the counts for total GQ, which creates significant overcount.	243,136 records	11/21/2020	11/22/2020	11/24/2020									High

Document #2

**DRF1 Anomaly Timeline - 15 Anomalies**

Task	Planned Start Date	Planned End Date	Actual Start Date	Actual End Date	Status	Notes
Test Data Preparation	11/19/2020	11/21/2020	11/18/2020	11/19/2020		
Requirements Validation	11/18/2020	11/21/2020	11/18/2020	11/24/2020		As new anomalies are identified we expect requirements/MOU to be provided within 24-48 hours.
Development	11/19/2020	11/28/2020	11/19/2020			
Project Test						
Individual patches	11/22/2020	11/28/2020	11/21/2020			Development will flow individual patch fixes to project test from 11/22 through 11/28.
Consolidated patch for implementation	11/29/2020	12/1/2020				Project test will receive the comprehensive patch for all fixes on 11/29.
Program Test	12/1/2020	12/5/2020				Program test will start on 12/1 day to test comprehensive patch.
Patch implementation in Production	12/6/2020	12/7/2020				
POP and DSSD verify patches	12/8/2020	12/10/2020				DRF2 will start on 12/11 and run concurrently with SME DRF1 detailed analysis.
Subject Matter Expert Review (POP/DSSD) of DRF1 detailed analysis	12/8/2020	12/14/2020				