***Benefit Accuracy Measurement***
***Methodology and Program Description***

The Benefit Accuracy Measurement (BAM) program (before 1996 called Benefits Quality Control) is designed to determine the accuracy of paid and denied claims in three major Unemployment Insurance (UI) programs. It does this by reconstructing the UI claims process for samples of weekly payments and denied claims using data verified by trained investigators.

For claims that were overpaid, underpaid, or improperly denied, BAM determines the cause of and the party responsible for the error, the point in the UI claims process at which the error was detected, and actions taken by the agency and employers prior to the error. For erroneous paid claims, BAM determines the amount of benefits the claimant should have received.

The results of the BAM statistical samples are used to estimate accuracy rates for the populations of paid and denied claims. In addition, BAM is a diagnostic tool for Federal and State Workforce Agency (SWA) staff to use in identifying systemic errors and their causes and in correcting and tracking solutions to these problems.

### *Coverage*

BAM covers the three largest permanently authorized unemployment compensation (UC) programs: State UI, Unemployment Compensation for Federal Employees (UCFE), and Unemployment Compensation for Ex-Service Members (UCX). BAM data for paid claims are available for the 50 states, the District of Columbia, and Puerto Rico from January 1988 through the present. BAM Denied Claims Accuracy (DCA), which investigates the accuracy of denied UC claims, began in August 2001.

### *Sample Design*

State BAM samples are randomly selected from the populations of UI, UCFE, and UCX payments and determinations denying eligibility issued by the state each week. BAM refers to this weekly sampling interval as a batch. Each batch begins at midnight Sunday and runs until 11:59 p.m. Saturday. BAM records the number of UI weeks and dollars that were paid in the population from which the sample was selected and the number of denied claims for DCA so that the sample data can be weighted to make inferences concerning the population.

### *Sample Sizes*

Before 1997, BAM paid claims sample sizes ranged from 400 to 1800 cases per year per state. Since 1997, allocated sample sizes range from 360 cases per year in the 10 states with the smallest UI workloads to 480 cases in the remainder of the states. (Note: IPIA 2020 data only includes three quarters of sampling due to COVID-19 pandemic) Several states have chosen to select larger samples. For DCA, states sample 150 cases for each of the three types of denials -- monetary, separation, and nonseparation.

### *Database*

The BAM database includes about 110 data elements for each sampled payment or denial. Data for 15 of these elements are captured twice (before and after the investigation), and eight are completed

only for erroneous payments or denials. Aggregate data for each batch are collected for 42 additional data elements, most of which are demographic characteristics of the sample and population (Appendix A)

### *Methodology Considerations*

Estimates based on BAM data are subject to the usual sampling and non-sampling errors that can affect survey data. BAM has implemented several quality assurance procedures to minimize non-sampling errors, such as incomplete or improperly defined sampling frames, errors of interpretation and data entry errors. Nonresponse bias is not significant. Nationally, BAM program staff gather sufficient information from claimants, employers and third parties to complete their investigations for over 97 percent of the UI payments that are sampled (response rates for DCA are somewhat lower); sample case completion rates are 100 percent in most states. When the program began, all BAM verifications were done in person. Since 1993, investigators may use telephone, mail, and fax to collect their data. Studies have shown that although such methods yield somewhat less information than in-person contacts, the overall accuracy rate estimates are not significantly affected.

***BAM Case Completion and Claimant Interview Method -- IPIA 2020***

| Sample Type | Cases Sampled | Valid Cases* | Cases Completed** | Percent Complete | In-Person | Tele-Phone | Mail | No Clmnt. Inter. |
|---|---|---|---|---|---|---|---|---|
| **Paid Claims** | 17,681 | 17,673 | 17,232 | 97.50% | 2.77% | 38.97% | 45.20% | 13.05% |
| **Monetary** | 5,795 | 5,695 | 5,533 | 97.16% | 0.45% | 36.21% | 18.47% | 44.56% |
| **Separation** | 5,733 | 5,701 | 5,594 | 98.12% | 0.46% | 36.45% | 23.22% | 39.73% |
| **Nonseparation** | 5,782 | 5,728 | 5,594 | 97.66% | 0.62% | 40.57% | 27.40% | 31.28% |

* Cases sampled minus cases deleted because they did not meet the definition for inclusion in the survey population and denied claims that were withdrawn by the claimant. **To meet IPIA reporting timetables, the database was frozen on 10/29/2020. The number of valid cases completed is those signed off by the BAM program's supervisor by the close of business on 10/28/2020. (Note: As a result of COVID-19 pandemic, the sample population only includes three quarters of data).

The attached excel spreadsheet provides state detail for the claimant interview methodology: IPIA_2020_Method_Claimant_Information_Obtained.xlsx

To evaluate the accuracy of each sampled payment, the BAM program investigates the UI claimant's monetary and separation eligibility, as well as all information relevant to the compensated week of unemployment that was sampled, including the claimant's availability for work, efforts to find suitable work, and earnings from casual employment or other income sources, such as Social Security or pensions. Investigations of denied claims are limited to the issue for which eligibility was denied. For example, if a claimant was denied UC because of a voluntary quit separation issue, DCA will investigate only that issue, not the claimant's monetary or nonseparation eligibility. Both BAM paid and denied claims accuracy record demographic, UI program, and labor market data on each claimant. The BAM program does not maintain longitudinal data on the claimant's UI benefit history subsequent to the compensated week sampled.

Although claimant characteristics can be inferred from the data, it is important to keep in mind that the BAM paid claims sampling frames consist of payments. Claimants have an increased chance of selection to the BAM paid claims samples the longer they remain in the UI system and are paid

benefits. Estimates of claimant characteristics that are correlated with duration of receiving benefits are subject to bias unless they are weighted to take into account the claimant's probability of sample selection. The Department's approved improper payment rate computation methodology can be found in UIPL 09-13 Change 1 (January 27, 2015). Corrective action and integrity plans for FY 2021 are based on this computation methodology.

**Payment Error Codes**

Payment error codes are provided for both underpayments and overpayments; the codes provide for multiple actions taken for a single issue, multiple issues detected for a single case, and various extents of agreement or disagreement between BAM and other units in the UI system concerning official policy or actions taken for the sampled cases. The payment error coding system records findings of case investigations that reflect the state's law and official (written) policies. The BAM payment error coding system encompasses appealable actions taken by any state unit, including BAM, which modify actions taken on payment errors, e.g., monetary redeterminations, establishment of overpayments, etc. It encompasses actions in progress by units other than BAM on improper Key Week payments, of which actions BAM is in agreement. It also encompasses findings when no actions are permitted, e.g., because of state finality provisions.

**BAM Integrity Rate Definitions**

The following charts summarize the definitions for the integrity rates included in the BAM analyses.

| Rate | Sample Type | Action Code | Cause |
|---|---|---|---|
| Overpayment* Rate (Rate shown with and without other SWA errors e.g. interstate activities [Element (ei7) Prior Agency Action >=90] | 1 - Paid Claims | 10 - Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable<br><br>Excludes errors with action codes:<br><br>13 - Technically proper due to finality rules<br>14 - Work Search Formal Warnings – instances where state policy requires a warning before issuing a denial of benefits for the failure to conduct an active search for work.<br>15 - Technically proper due to rules other than finality or formal warning rule<br>16 - Overpayment established which was later "officially" reversed, revised, adjusted, or modified and BAM disagrees with "official" action (e.g., Appeals unit reverses BAM determination and BAM disagrees). | All cause codes. |
| Overpayment** Rate with formal warnings (rate shown without other SWA errors (e.g. interstate | 1 - Paid Claims | 10 - Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable<br>14 - Work Search Formal Warnings – instances where state policy requires a warning before issuing a denial of benefits for the failure to conduct an active search for work.<br><br>Excludes error with element (ei7) Prior Agency Action >=90<br>Excludes errors with action codes: | All cause codes. |

| Rate | Sample Type | Action Code | Cause |
|---|---|---|---|
| activities errors) | | 13 - Technically proper due to finality rules<br>15 - Technically proper due to rules other than finality or formal warning rule<br>16 - Overpayment established which was later "officially" reversed, revised, adjusted, or modified and BAM disagrees with "official" action (e.g., Appeals unit reverses BAM determination and BAM disagrees). | |
| Fraud | 1 - Paid Claims | 10 - Fraud | All cause codes. |
| Agency Responsibility*<br><br>*Rate shown without other SWA errors (e.g. interstate activities) | 1 - Paid Claims | 10 - Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable<br><br>Includes <u>only</u> those overpayments for which the agency had full or partial responsibility -- codes 30, 1030, 230, 34, 1230, 1034, 234, 1234. | All cause codes. |
| Underpayment | 1 - Paid Claims | BAM investigation determines that the payment was too small:<br><br>20 - Supplemental check issued/offset applied or increase in weekly benefit amount (WBA), dependents' allowance (DA) entitlement, maximum benefit amount (MBA), or remaining balance (RB)<br><br>Excludes errors with action codes:<br><br>21 - Technically proper due to finality rules<br>22 - Technically proper due to rules other than finality<br>23 - Supplemental check issued/offset applied which was later "officially" reversed, revised, adjusted, or modified, and BAM disagrees with the "official" action (e.g., Appeals unit reverses BAM determination and BAM disagrees)<br>24 - BAM determines payment was too small, but claimant is not entitled to payment due to collateral issues. | All cause codes. |
| BYE rate | 1 - Paid Claims | 10 - Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable<br>15 - Technically proper due to rules other than finality or formal warning rule | Cause Codes 100 through 119 and 150 through 159 |
| Work Search Rate | 1 - Paid Claims | 10 – Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable | Cause codes 420 through 429 |
| Work Search Rate including Formal Warnings | 1 - Paid Claims | 10 – Fraud<br>11 - Nonfraud recoverable<br>12 - Nonfraud nonrecoverable<br>14 - Work Search Formal Warnings – instances where state policy requires a warning before issuing a denial of benefits for the failure to conduct an active search for work. | Cause codes 420 through 429 |

| Denied Claims | | | |
|---|---|---|---|
| Rate | Sample Type | Action Code | Cause |
| Improperly Denied | 2 - Monetary<br>3 - Separation<br>4 Nonseparation | BAM investigation determines that the denial determination was improper or benefit payment was too small:<br><br>20 - Official agency action finds the claimant to be eligible for a supplemental check issued/offset applied or increase in WBA, DA, MBA, or RB<br>21 - Technically proper due to finality rules<br>22 - Technically proper due to rules other than finality<br>23 - Supplemental check issued/offset applied which was later officially reversed, revised, adjusted or modified, and BAM disagrees with the official action<br>24 - No payment is due to the claimant | For Action codes 20-23: All causes <u>except</u> 700 - 739.<br><br>For Action code 24:<br><br>710-719: Claimant not entitled to benefits due to other issues affecting the claim<br><br>720-729: Claimant not entitled to benefits because no week was claimed (Codes valid only for Sample Type 3 or 4) |
| Adjusted Improperly Denied | 2 - Monetary<br>3 - Separation<br>4 – Nonseparation | Same as Improperly Denied <u>minus</u>:<br><br>Prior Agency Action codes 20-29: Agency was in the process of resolving issue and took correct action before DCA investigation completed or agency had correctly resolved issue prior to sample being selected<br><br>– or –<br><br>Results of Appeal of Initial Determination codes<br>1 - affirmed, eligible; or<br>3 - reversed, eligible | For Action codes 20-23:<br><br>All causes <u>except</u> 700 - 739.<br>For Action code 24:<br><br>710-719: Claimant not entitled to benefits due to other issues affecting the claim.<br><br>720-729: Claimant not entitled to benefits because no week was claimed (Codes valid only for Sample Type 3 or 4) |
| Overpayment | 3 - Separation<br>4 – Nonseparation | Action codes 10-16 | All causes <u>except</u> 700 - 739. |
| Properly Denied | 2 - Monetary<br>3 - Separation<br>4 – Nonseparation | Action Code 30 | Cause codes 700-709 |

***Published Findings***

The Department of Labor has published BAM data by state along with supplementary analyses annually since 1988. From 1988 to 1995, the report was called the Unemployment Insurance Benefits Quality Control Annual Report; 1996 data were published in the UI Benefit Accuracy Measurement Annual Report. Since 1997 BAM data have been published as part of the UI PERFORMS Annual Report, which also includes data from the Benefit Timeliness and Quality program and the Tax Performance System. The BAM Analytical Report and UI Performs Annual Report are available on

the U. S. Department of Labor Employment and Training Administration Office of Unemployment Insurance Web site – https://oui.doleta.gov/unemploy/bqc.asp.

***Contacts***

To obtain further information about the BAM program and the use of its database, please contact:


Rhonda Cowie
Supervisor
Division of Performance Management
Office of Unemployment Insurance
US Department of Labor
Ph: 202-693-3821
Cowie.Rhonda.m@dol.gov

Ross Miller
Data Analyst
Performance Enhancement Team
Office of Unemployment Insurance
202 693-3178
Miller.Ross@dol.gov


A list of State contacts is found at the following link:

- IPIA 2020 Report BAM State Contacts

# APPENDIX A

DATA COLLECTION INSTRUMENTS A-2

EMPLOYER VERIFICATION FORM A-10

DATABASE DESCRIPTION &
DATABASE PRIMARY TABLES A-12

**PAID CLAIMS ACCURACY**
**DATA COLLECTION INSTRUMENT (DCI)**

| State | | Batch # | | Sequence # | | Sample Type | |
|---|---|---|---|---|---|---|---|
| SSN | | Key Week | / / | Investigator ID | | Local Office | |

| | | | | | |
|---|---|---|---|---|---|
| b1 | Method Info Obtained | | e15 | Dep Allowance Before | |
| b2 | U.S. Citizen | | e16 | Dep Allowance After | |
| b3 | Education | | e17 | Ind Code Primary Empl. | |
| b4 | Voc/Tech School | | e18 | Mon. Redeterm. Before | |
| b5 | Currently In Training | | e19 | Remain Balance | $ |
| b6 | Occ Code Last | | | | |
| b7 | Occ Code Usual | | f1 | KW Earnings Before | $ |
| b8 | Normal Hourly Wage | $ | f2 | KW Earnings After | $ |
| b9 | Occ Code Seeking | | f3 | Earn Deduct Before | $ |
| b10 | Lowest Hourly Wage | $ | f4 | Earn Deduct After | $ |
| b11 | Date of Birth | / / | f5 | Other Income Before | $ |
| b12 | Gender | | f6 | Other Income After | $ |
| b13 | Race/Ethnic | | f7 | Other Deduct Before | $ |
| | | | f8 | Other Deduct After | $ |
| c1 | Program Code | | f9 | First CWK Date | / / |
| c2 | Combined Wage Claim | | f10 | Date First Pay | / / |
| c3 | Benefit Year Begin | / / | f11 | KW File Method | |
| c4 | Init Claim Filing Meth | | f12 | KW Certification | |
| c5 | Benefit Rights Given | | f13 | Original Amount Paid | $ |
| c6 | ERPs | | | | |
| c7 | Last ERPs | / / | g1 | WS Requirement | |
| c8 | Prior Nonsep Issues | | g2 | LE Reg Required | |
| c9 | Prior Nonsep Disq | | g3 | LE Reg/Services | |
| | | | g4 | LE Deferred | |
| d1 | Reason Sep Before | | g5 | LE Referrals | |
| d2 | Reason Sep After | | g6 | Regis Private Agency | |
| d3 | Date Sep Before | / / | g7 | Priv Agency Refers | |
| d4 | Date Sep After | / / | g8 | Union Status | |
| d5 | Recall Status Before | | g9 | Union Referral Status | |
| d6 | Recall Status After | | g10 | KW Contacts | |
| d7 | Tax Rate Last Empl. | | g11 | Prior KW Contacts | |
| d8 | Ind Code Last Empl. | | g12 | Contacts Inv | |
| | | | g13 | Contacts Acceptable | |
| e1 | BP Employers Before | | g14 | Contacts Unacceptable | |
| e2 | BP Employers After | | g15 | Contacts Unverified | |
| e3 | BP Wages Before | $ | | | |
| e4 | BP Wages After | $ | h1 | Action Code | |
| e5 | High Qtr Wages Before | $ | h2 | Should Have Been Paid | $ |
| e6 | High Qtr Wages After | $ | h3 | Total Amount OP | $ |
| e7 | Weeks Worked Before | | h4 | Total Amount UP | $ |
| e8 | Weeks Worked After | | h5 | Total KW OP | $ |
| e9 | WBA Before | $ | h6 | Total KW UP | $ |
| e10 | WBA After | $ | h7 | Inv Completed | |
| e11 | MBA Before | $ | h8 | Inv Completion Date | / / |
| e12 | MBA After | $ | h9 | Supv Review Completed | |
| e13 | Dep Before | | h10 | Supv Completion Date | / / |
| e14 | Dep After | | h11 | Supervisor ID | |

# PAID CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI)

| State | | Batch # | | Sequence # | | Sample Type | |
|---|---|---|---|---|---|---|---|
| SSN | | Key Week | | Investigator ID | | Local Office | |

## ERROR ISSUES

***Error Issue #: 1***

| | | | | | |
|---|---|---|---|---|---|
| ei1 | Amount Key Week Error | | ei5 | QC Detection Point | |
| ei2 | Key Week Action | | ei6 | Prior Agency Action | |
| ei3 | Error Cause | | ei7 | Prior Employer Action | |
| ei4 | Error Responsibility | | ei8 | QC Action Appealed | |
| | | | ei9 | Claimant Action | |

***Error Issue #: 2***

| | | | | | |
|---|---|---|---|---|---|
| ei1 | Amount Key Week Error | | ei5 | QC Detection Point | |
| ei2 | Key Week Action | | ei6 | Prior Agency Action | |
| ei3 | Error Cause | | ei7 | Prior Employer Action | |
| ei4 | Error Responsibility | | ei8 | QC Action Appealed | |
| | | | ei9 | Claimant Action | |

***Error Issue #: 3***

| | | | | | |
|---|---|---|---|---|---|
| ei1 | Amount Key Week Error | | ei5 | QC Detection Point | |
| ei2 | Key Week Action | | ei6 | Prior Agency Action | |
| ei3 | Error Cause | | ei7 | Prior Employer Action | |
| ei4 | Error Responsibility | | ei8 | QC Action Appealed | |
| | | | ei9 | Claimant Action | |

***Error Issue #: 4***

| | | | | | |
|---|---|---|---|---|---|
| ei1 | Amount Key Week Error | | ei5 | QC Detection Point | |
| ei2 | Key Week Action | | ei6 | Prior Agency Action | |
| ei3 | Error Cause | | ei7 | Prior Employer Action | |
| ei4 | Error Responsibility | | ei8 | QC Action Appealed | |
| | | | ei9 | Claimant Action | |

***Error Issue #: 5***

| | | | | | |
|---|---|---|---|---|---|
| ei1 | Amount Key Week Error | | ei5 | QC Detection Point | |
| ei2 | Key Week Action | | ei6 | Prior Agency Action | |
| ei3 | Error Cause | | ei7 | Prior Employer Action | |
| ei4 | Error Responsibility | | ei8 | QC Action Appealed | |
| | | | ei9 | Claimant Action | |

# BENEFIT ACCURACY MEASUREMENT
# DENIED CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI)
## Monetary Denial

| 1. Batch: | 2. Sequence: | 3. Sample Type: 2 Monetary Denial |
|---|---|---|

| CLAIMANT INFORMATION: | | | MONETARY DATA: | | |
|---|---|---|---|---|---|
| 4 | SSN: | | 42 | Reason Mon. Det. Before: | |
| 5 | Claim Date: | / / | 43 | Reason Mon. Det. After: | |
| 6 | Claim Type: | | 44 | BP Emps. Before: | |
| 7 | State: | | 45 | BP Emps. After: | |
| 8 | LO: | | 46 | BP Wages Before: | $ |
| 9 | Investigator ID: | | 47 | BP Wages After: | $ |
| 10 | Method Info Obt: | | 48 | HQ Wages Before: | $ |
| 11 | Citizen: | | 49 | HQ Wages After: | $ |
| 12 | Birth Date: | / / | 50 | Wks. Worked Before: | |
| 13 | Gender: | | 51 | Wks. Worked After: | |
| 14 | Ethnic/Race: | | 52 | Depend. Before: | |
| 15 | Education: | | 53 | Depend. After: | |
| 16 | Voc/Tech School: | | 54 | Depend. Allow Before: | |
| 17 | Training Status: | | 55 | Depend. Allow After: | |
| 18 | Usual Occ Code: | | 56 | Mon. Redet.: | |
| 19 | Seeking Occ Code: | | | | |
| 20 | Normal Hr. Wage: | | | | |
| 21 | Lowest Hr. Wage: | | | | |
| **BENEFIT YEAR INFORMATION:** | | | | | |
| 22 | Program: | | | | |
| 23 | CWC: | | | | |
| 24 | Ben. Yr. Beg: | / / | | | |
| 25 | Init. Clm. File Method: | | | | |
| 26 | BRI: | | | | |
| 27 | Ind. Code Primary Emp: | | | | |
| 28 | Ind. Code Last Emp: | | **CASE ACTION:** | | |
| 29 | File Meth: | | 90 | Action Flag: | |
| 30 | Orig. Amt. Paid: | | 91 | Initial Det. Appealed: | |
| 31 | No. Wks. Denied, Before: | | 92 | Result of Init. App: | |
| 32 | No. Wks. Denied, After: | | 93 | Inv. Completed: | |
| 33 | WBA Before: | | 94 | Inv. Comp. Date: | / / |
| 34 | WBA After: | | 95 | Supv. Rev. Completed: | |
| 35 | MBA Before: | | 96 | Supv. Comp. Date: | / / |
| 36 | MBA After: | | 97 | Supv. ID: | |

# BENEFIT ACCURACY MEASUREMENT
# DENIED CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI)

**Monetary Denial**

| 1. Batch: | 2. Sequence: | 3. Sample Type: |
|---|---|---|
| | | **2- Monetary Denial** |

**ERROR ISSUES**

***Error Issue #: 1***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 2***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 3***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 4***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 5***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

# BENEFIT ACCURACY MEASUREMENT
# DENIED CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI) REPORT
## Separation Denial

| 1. Batch: | 2. Sequence: | 3. Sample Type: 3- Separation Denial |
|---|---|---|

| CLAIMANT INFORMATION: | | | SEPARATION DATA: | | |
|---|---|---|---|---|---|
| 4 | SSN: | | 57 | Sep. Issue Number: | |
| 5 | Claim Date: | / / | 58 | Reason Sep. Before: | |
| 6 | Claim Type: | | 59 | Reason Sep. After: | |
| 7 | State: | | 60 | Date Sep. Before: | / / |
| 8 | LO: | | 61 | Date Sep. After: | / / |
| 9 | Investigator ID: | | | | |
| 10 | Method Info Obt: | | | | |
| 11 | Citizen: | | | | |
| 12 | Birth Date: | / / | | | |
| 13 | Gender: | | | | |
| 14 | Ethnic/Race: | | | | |
| 15 | Education: | | | | |
| 16 | Voc/Tech School: | | | | |
| 17 | Training Status: | | | | |
| 18 | Usual Occ Code: | | | | |
| 19 | Seeking Occ Code: | | | | |
| 20 | Normal Hr. Wage: | $ | | | |
| 21 | Lowest Hr. Wage: | $ | | | |
| BENEFIT YEAR INFORMATION: | | | | | |
| 22 | Program: | | | | |
| 23 | CWC: | | | | |
| 24 | Ben. Yr. Beg: | / / | | | |
| 25 | Init. Clm. File Method: | | | | |
| 26 | BRI: | | | | |
| 27 | Ind. Code Primary Emp: | | | | |
| 28 | Ind. Code Last Emp: | | CASE ACTION: | | |
| 29 | File Meth: | | 90 | Action Flag: | 9 |
| 30 | Orig. Amt. Paid: | $ | 91 | Initial Det. Appealed: | 0 |
| 31 | No. Wks. Denied, Before: | | 92 | Result of Init. App: | 0 |
| 32 | No. Wks. Denied, After: | | 93 | Inv. Completed: | 1 |
| 33 | WBA Before: | $ | 94 | Inv. Comp. Date: | / / |
| 34 | WBA After: | $ | 95 | Supv. Rev. Completed: | |
| 35 | MBA Before: | $ | 96 | Supv. Comp. Date: | / / |
| 36 | MBA After: | $ | 97 | Supv. ID: | |

# BENEFIT ACCURACY MEASUREMENT
# DENIED CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI)

## Separation Denial

| 1. Batch: | 2. Sequence: | 3. Sample Type: |
|---|---|---|
| | | **3 - Separation Denial** |

**ERROR ISSUES**

***Error Issue #: 1***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 2***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 3***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 4***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 5***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

**DENIED CLAIMS ACCURACY**
**DATA COLLECTION INSTRUMENT (DCI)**
**Nonseparation Denial**

| **1. Batch:** | **2. Sequence:** | **3. Sample Type: 4 - Nonseparation Denial** |
|---|---|---|

| **CLAIMANT INFORMATION:** | | | **NONSEPARATION DATA:** | | |
|---|---|---|---|---|---|
| 4 | SSN: | | 62 | Nonsep. Issue Number: | |
| 5 | Claim Date: | / / | 63 | Reason Nonsep. Before: | |
| 6 | Claim Type: | | 64 | Reason Nonsep. After: | |
| 7 | State: | | 65 | Recall Stat. Before: | |
| 8 | LO: | | 66 | Recall Stat. After: | |
| 9 | Investigator ID: | | 67 | Earnings Before: | $ |
| 10 | Method Info Obt: | | 68 | Earnings After: | $ |
| 11 | Citizen: | | 69 | Earn. Deduct. Before: | $ |
| 12 | Birth Date: | / / | 70 | Earn. Deduct. After: | $ |
| 13 | Gender: | | 71 | Other Deductible Inc. Before: | $ |
| 14 | Ethnic/Race: | | 72 | Other Deductible Inc. After: | $ |
| 15 | Education: | | 73 | Other Income Deductions Bef: | $ |
| 16 | Voc/Tech School: | | 74 | Other Income Deductions Aft: | $ |
| 17 | Training Status: | | 75 | WS Requirement: | |
| 18 | Usual Occ Code: | | 76 | Contacts: | |
| 19 | Seeking Occ Code: | | 77 | Prior Contacts: | |
| 20 | Normal Hr. Wage: | $ | 78 | Contacts Inv: | |
| 21 | Lowest Hr. Wage: | $ | 79 | Contacts Acc: | |
| **BENEFIT YEAR INFORMATION:** | | | | Contacts Unacc: | |
| 22 | Program: | | 81 | Contacts Unver: | |
| 23 | CWC: | | 82 | LE Reg. Req: | |
| 24 | Ben. Yr. Beg: | / / | 83 | LE Reg/Services: | |
| 25 | Init. Clm. File Method: | | 84 | LE Defer: | |
| 26 | BRI: | | 85 | LE Referrals: | |
| 27 | Ind. Code Primary Emp: | | 86 | Regis. Priv. Agency: | |
| 28 | Ind. Code Last Emp: | | 87 | Priv. Agency Referrals: | |
| 29 | File Meth: | | 88 | Union Referral Status: | |
| 30 | Orig. Amt. Paid: | $ | 89 | Union Refers: | |
| 31 | No. Wks. Denied, Before: | | **CASE ACTION:** | | |
| 32 | No. Wks. Denied, After: | | 90 | Action Flag: | |
| 33 | WBA Before: | $ | 91 | Initial Det. Appealed: | |
| 34 | WBA After: | $ | 92 | Result of Init. App: | |
| 35 | MBA Before: | $ | 93 | Inv. Completed: | |
| 36 | MBA After: | $ | 94 | Inv. Comp. Date: | / / |
| | | | 95 | Supv. Rev. Completed: | |
| | | | 96 | Supv. Comp. Date: | / / |
| | | | 97 | Supv. ID: | |

# DENIED CLAIMS ACCURACY
# DATA COLLECTION INSTRUMENT (DCI)

## Nonseparation Denial

| 1. Batch: | 2. Sequence: | 3. Sample Type: |
|---|---|---|
| | | 4 - Nonseparation Denial |

### ERROR ISSUES

***Error Issue #: 1***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 2***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 3***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 4***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

***Error Issue #: 5***

| | | | | | |
|---|---|---|---|---|---|
| 98 | Dollar Amount of Error: | | 102 | Detection Point: | |
| 99 | Action Code: | | 103 | Prior Agency Action: | |
| 100 | Cause: | | 104 | Prior Employer Action: | |
| 101 | Responsibility: | | 105 | Action Appealed: | |
| | | | 106 | Claimant Action: | |

| **Benefit Accuracy Measurement Employer Verification** | Batch | Seq | Claim Type |
|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| Claimant Name: | | | | Claimant SSN: |
| Employer: | | | Employer Acct #: | Contact Person: |
| Employer Address: | | | Phone: | Fax: |
| Claimant Hired on: | Separated on: | Last Day Worked: | States worked in: | Other SSN or Name used: while employed in last three years? ☐ Yes ☐ No If Yes, provide it: |
| Claimant provided I-9 Employment Eligibility Verification Information | ☐ - US Citizen ☐ -Alien Authorized to Work ☐ Lawful Permanent Resident | | | Alien # |

| | | |
|---|---|---|
| Payroll: frequency is? Circle answer Daily, Weekly, Biweekly, Semi-Monthly, Monthly, Commission | Pay Period begins on what day of the week? And ends on what day? | Pay Day is on what day? |

| | | | |
|---|---|---|---|
| Recall ☐ Yes ☐ No Date? | Claimant actively employed? ☐ Yes ☐ No | Rate of pay when employed $_____ Per: | For requalification: total earnings since _____ = $ |

Type of work (Check all that apply) ☐ Full time ☐ Part Time ☐ Contract worker ☐ Federal ☐ Military ☐ Seasonally

| | |
|---|---|
| Claimant Job title: | Claimant Job Responsibilities |

Circle Separation type: Quit / Fired or Discharged for Misconduct / Permanent layoff –Reduction In Force / Temporary layoff / Still working / Retirement / Discharge - no misconduct (unable to perform) / Other compelling reasons (i.e. move with spouse, family illness)

Explain separations except lack of work/layoff.

If wages were for any time period after last day worked, please complete the following:

| TYPE OF PAY | $ AMOUNT | # OF WEEKS | DATES COVERED |
|---|---|---|---|
| Accrued Vacation | | | |
| Holiday \ Sick | | | |
| Last Pay Period | | | |
| Commission \ Bonus | | | |
| Wages in Lieu of Notice | | | |
| Severance \ Separation Pay | | | |
| Pension - Employer contribution plan? Yes or No | | | |

***BASE PERIOD YEAR – FROM ( / / ) TO ( / / )***

| IMPORTANT: ***Please enter each pay period end date and gross pay for each payday in the quarter. If the amounts for all weeks do not match the original amount reported by you – please call!*** | **Year/Quarter:** | | | **Year/Quarter:** | | |
|---|---|---|---|---|---|---|
| | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL AUDITED | | | | | | |

***BASE PERIOD YEAR – FROM ( / / ) TO ( / / )***

| IMPORTANT: ***Please enter each pay period end date and gross pay for each payday in the quarter. If the amounts for all weeks do not match the original amount reported by you – please call!*** | **Year/Quarter:** | | | **Year/Quarter:** | | |
|---|---|---|---|---|---|---|
| | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL AUDITED | | | | | | |

***CLAIM BENEFIT YEAR EARNINGS – FROM ( / / ) TO ( / / )***

If you hired this person after the "from" date above, was this new hire reported to the New Hire Registry? ☐ Yes ☐ No.

If yes, when _____ and to which state was the new hire reported _____.

If you did not report this person as a new hire, did you previously employ this person within the past 60 days? ☐ Yes ☐ No.

| IMPORTANT: ***Please enter each pay period end date and gross pay for each payday in the benefit claim period shown above. If the amounts for all weeks do not match the original amount reported by you – please call!*** | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** | **PAY PERIOD BEGIN AND END DATES** | **PAYDAY** | **GROSS PAY** |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL AUDITED | | | | | | |

| **I certify that the above information is correct to the best of my knowledge and belief.** | | |
|---|---|---|
| Employer's signature: | Title: | Date: |

**Official Use Only**

| Auditor's signature: | Phone: Fax: | Date Received: |
|---|---|---|
| Form completed: | Employer is: | Batch Seq# Type |
| Employer is represented by a third party: | | |

# Database Description

## Naming Conventions

The DCA system utilizes the following naming conventions within the UI database:

- Each table will have a prefix of **b-dca-xxxx**. (The prefix's meaning is:

  **'b-'** = Benefits Accuracy Measurement and
  **'dca-'** = Denied Claims Accuracy.

- Each table will have the same base name as the BAM PCA accuracy tables.

The base names are:

**comparison** The data characteristics table provides aggregate sample and population data for several demographic data elements.

**master** The primary table that consists of base record information.

**errisu** The error issue table contains information on the cause, responsibility, point of detection, and other data elements for improper denials.

**reopen** The reopen table contains a record of any modification to a master record after the record has been closed by the supervisor.

**assigndate** The assignment table contains the investigator's case assignment information with respect to his/her master record.

### Paid Tables

| PAID CLAIMS ACCURACY TABLES | |
|---|---|
| Table Name | Table Type |
| b-comparison | Primary |
| b-master | Primary |
| b-errisu | Primary |
| b-assigndate | Primary |
| b-reopen | Primary |

### Denials Tables

| DENIED CLAIMS ACCURACY TABLES | |
|---|---|
| Table Name | Table Type |
| b-dca-comparison | Primary |
| b-dca-master | Primary |
| b-dca-errisu | Primary |
| b-dca-assigndate | Primary |
| b-dca-reopen | Primary |

In addition to the five primary DCA tables, DCA also utilizes tables used by BAM paid claims accuracy software: **b-uaf**, **b-qcslo**, **b-batch**, **b-cre**, and **b-vallim**. The DCA software utilizes the **g-states** generic table as well.

**Primary Keys**

| FIELD | KEY | DEFINITION |
|---|---|---|
| batch | Primary | Batch identifies the year (YYYY) and week (WW) of the record. The format of the field is: YYYYWW. |
| seq | Primary | Primary Sequence Number identifies the record number within the batch by sample type.<br><br>Range of values: 1 - 99.<br><br>At least two (2) sample cases are required for each batch and sample type because of statistical validity requirements. |
| samptype | Primary | Sample Type identifies the specific record type within the batch.<br><br>1 - BAM paid claim<br>2 - Monetary denials<br>3 - Separation denials<br>4 - Nonmonetary nonseparation denials |

Example: **batch** = 201403; **seq** = 3; **samptype** = 2 identifies the record as the third sampled monetary denied case within the third week of 2014.

The following section identifies the elements contain in the database. Please see the ET Handook No. 395 for definitions and element coding options.

**BAM DATA ELEMENTS**

| Data Elements in b_master: | | | | | | |
|---|---|---|---|---|---|---|
| Column Name | Data Type | Item Name | | Column Name | Data Type | Item Name |
| mssn | char(9) | SSN | | d5 | char(2) | Rec Stat B |
| mkw | date | KW | | d6 | char(2) | Rec Stat A |
| mcatyp | smallint | Case Type | | d7 | dec(4,2) | Tx R Last |
| mp4 | integer | Serial # | | d8 | char(4) | Ind Last |
| mbatch | integer | Batch # | | e1 | smallint | BP Emps B |
| mseq | smallint | Sequence # | | e2 | smallint | BP Emps A |
| ma1 | smallint | Modif. Code | | e3 | mon(6,0) | BP Wages B |
| ma2 | date | Modif. Date | | e4 | mon(6,0) | BP Wages A |
| mstate | char(2) | State Fips | | e5 | mon(5,0) | High Qtr B |
| mlo | char(4) | Local Off | | e6 | mon(5,0) | High Qtr A |
| minv | smallint | Invest | | e7 | smallint | Wks Wkd B |
| b1 | char(2) | Meth Info | | e8 | smallint | Wks Wkd A |
| b2 | char(2) | Citizen | | e9 | mon(3,0) | WBA Before |
| b3 | char(2) | Education | | e10 | mon(3,0) | WBA After |
| b4 | char(2) | Voc/Tech | | e11 | mon(5,0) | MBA Before |
| b5 | char(2) | In Trainin | | e12 | mon(5,0) | MBA After |
| b6 | char(3) | Occ Last | | e13 | smallint | Depend B |
| b7 | char(3) | Occ Usual | | e14 | smallint | Depend A |
| b8 | mon(5,2) | Normal Hr | | e15 | mon(3,0) | Depend Alw |
| b9 | char(3) | Code Seeki | | e16 | mon(3,0) | Depend Alw |
| b10 | mon(5,2) | Lowest Hr | | e17 | char(4) | Ind Cd Pri |
| b11 | date | Birth Day | | e18 | char(1) | Mon Redt B |
| b12 | char(2) | Sex | | e19 | mon(4,0) | Remain Bal |
| b13 | char(2) | Ethnic | | f1 | mon(3,0) | KW Earn B |
| c1 | char(1) | Program | | f2 | mon(3,0) | KW Earn A |
| c2 | smallint | CW Clm | | f3 | mon(3,0) | Earn Ded B |
| c3 | date | Yr Beg | | f4 | mon(3,0) | Earn Ded A |
| c4 | char(2) | Initial Cl | | f5 | mon(3,0) | Other In B |
| c5 | char(4) | BRI | | f6 | mon(3,0) | Other In A |
| c6 | smallint | ERPs | | f7 | mon(3,0) | Other Dd B |
| c7 | date | Last Erp D | | f8 | mon(3,0) | Other Dd A |
| c8 | smallint | Pr Nons B | | f9 | date | First CWE |
| c9 | smallint | Pr Nons Dq | | f10 | date | Dt 1st Pmt |
| d1 | char(2) | Resn Sep B | | f11 | char(2) | KW Method |
| d2 | char(2) | Resn Sep A | | f12 | char(1) | KW Cert |
| d3 | date | Date Sep B | | f13 | mon(5,0) | Orig Amt P |
| d4 | date | Date Sep A | | g1 | smallint | WS Require |

| Data Elements in b_master: | | | | | | |
|---|---|---|---|---|---|---|
| Column | Data | Item | | Column | Data | Item |
| Name | Type | Name | | Name | Type | Name |
| g2 | smallint | JS Require | | g15 | smallint | Cts Unver |
| g3 | smallint | Act/Cur Rg | | h1 | smallint | ActCodeFlg |
| g4 | smallint | JS Defer | | h2 | mon(3,0) | Amt S B Pd |
| g5 | smallint | JS Refer | | h3 | mon(5,0) | Tot Amt OP |
| g6 | smallint | Regis Priv | | h4 | mon(5,0) | Tot Amt UP |
| g7 | smallint | Prv Ag Ref | | h5 | mon(3,0) | Tot KW OP |
| g8 | smallint | Union Stat | | h6 | mon(3,0) | Tot KW UP |
| g9 | smallint | Union Refs | | h7 | char(1) | Inv Compl Code |
| g10 | smallint | KW Conts | | h8 | date | Inv Compl Date |
| g11 | smallint | Pr KW Cont | | h9 | char(1) | Supv Compl Code |
| g12 | smallint | Conts Inv | | h10 | date | Supv Compl Date |
| g13 | smallint | Conts Acc | | h11 | char(8) | Supv ID |
| g14 | smallint | Cts Unacc | | Mdp | Datetime | Data Pick up flag |

| b_asigndate | | | | b_reopen | | |
|---|---|---|---|---|---|---|
| Column | Type | Name | | Column | Type | Name |
| abatch | integer | Batch # | | | | |
| aseq | smallint | Sequence # | | Rbatch | integer | Batch # |
| acatyp | smallint | Case Type | | Rseq | smallint | Sequence # |
| aidx | smallint | Assign Idx | | Rcatyp | smallint | Case Type |
| agp5 | integer | Serial # | | Ridx | smallint | Reopen Idx |
| ag1 | date | Assign Date | | rop5 | integer | Serial # |
| ag2 | smallint | Investigato | | ro1 | char(1) | Reopen Code |
| ag3 | smallint | QCS Id Code | | ro2 | date | Reopen Date |
| ag4 | char (1) | Assign Code | | ro3 | char(8) | User Id |
| adp | Datetime | Data pick up | | Rdp | Datetime | Data pick up |

| b_errisu | | | | b_errisu | | |
|---|---|---|---|---|---|---|
| Column | Type | Name | | Column | Type | Name |
| ebatch | integer | Batch # | | ei8 | char(1) | QC Act Appl |
| eseq | smallint | Sequence # | | ei9 | char(2) | Prior Clmt |
| ecatyp | smallint | Case Type | | Edp | Datetime | Data Pick up |
| eidx | smallint | Error Index | | | | |
| eip5 | integer | Serial # | | | | |
| ei1 | money(3,0) | Amt KW Err | | | | |
| ei2 | char(2) | KW Action | | | | |
| ei3 | char(3) | Error Cause | | | | |
| ei4 | char(4) | Error Resp | | | | |
| ei5 | char(2) | Detect. Pt. | | | | |
| ei6 | char(2) | Prior Agenc | | | | |
| ei7 | char(2) | Prior Empl | | | | |

| b_comparison | | |
|---|---|---|
| Column | Type | Name |
| cbatch | integer | Batch # |
| cidx | smallint | Comp Indx |
| cm1 | smallint | Samp Size |
| cm2 | integer | Pop Size |
| cm3 | money(5,0) | Samp $ |
| cm4 | money(9,0) | Pop $ |
| cm5 | dec(10,2) | Samp Var. |
| cm6 | dec(10,2) | Pop Var. |
| cm7 | smallint | Samp Male |
| cm8 | integer | Pop Male |
| cm9 | smallint | Samp Female |
| cm10 | integer | Pop Female |
| cm11 | smallint | Samp Sex Missg |
| cm12 | integer | Pop Sex Missg |
| cm13 | smallint | Samp White |
| cm14 | integer | Pop White |
| cm15 | smallint | Samp Non White |
| cm16 | integer | Pop Non White |
| cm17 | smallint | Samp Race Missg |
| cm18 | integer | Pop Race Missg |
| cm19 | smallint | Samp Age U 25 |
| cm20 | integer | Pop Age U 25 |
| cm21 | smallint | Samp 25/34 |
| cm22 | integer | Pop 25/34 |
| cm23 | smallint | Samp 35/44 |
| cm24 | integer | Pop 35/44 |
| cm25 | smallint | Samp 45/64 |
| cm26 | integer | Pop 45/64 |
| cm27 | smallint | Samp Over 65 |
| cm28 | integer | Pop Over 65 |
| cm29 | smallint | Samp Age Missg |
| cm30 | integer | Pop Age Missg |
| cm31 | smallint | Samp Amt <50 |
| cm32 | integer | Pop Amt <50 |
| cm33 | smallint | Samp Amt 51/100 |
| cm34 | integer | Pop Amt 51/100 |
| cm35 | smallint | Samp Amt 101/150 |
| cm36 | integer | Pop Amt 101/150 |
| cm37 | smallint | Samp Amt 151/200 |
| cm38 | integer | Pop Amt 151/200 |
| cm39 | smallint | Samp Amt <200 |

| b_comparison | | |
|---|---|---|
| Column | Type | Name |
| cm40 | integer | Pop Amt <200 |
| cm41 | smallint | Samp Amt Pd Miss |
| cm42 | integer | Pop Amt Pd Miss |
| Cdp | datetime | Data Pick up |

The comparison table is created by the COBOL program on the SWA mainframe computer & downloaded.

DCA TABLES and ELEMENTS

| b_dca_master | | | | |
|---|---|---|---|---|
| Column Name | Data Type | | Column Name | Data Type |
| ssn | char(9) | | Allowbef | money(3,0) |
| clmdate | date | | Allowaft | money(3,0) |
| clmtype | smallint | | Priempsic | char(4) |
| samptype | smallint | | Monredet | char(2) |
| batch | integer | | Balbef | money(5,0) |
| seq | smallint | | Balaft | money(5,0) |
| state | char(2) | | Monstatbef | char(2) |
| locoff | char(4) | | Monstataft | char(2) |
| invid | smallint | | Totearnbef | money(4,0) |
| methinfoobt | char(2) | | totearnaft | money(4,0) |
| citizen | char(2) | | earndedbef | money(4,0) |
| educ | char(2) | | earndedaft | money(4,0) |
| voctech | char(2) | | othdedincbef | money(4,0) |
| trainstat | char(2) | | othdedincaft | money(4,0) |
| lastempsic | char(4) | | othdedsbef | money(4,0) |
| usualocc | char(3) | | othdedsaft | money(4,0) |
| ushrwage | money(5,2) | | wkfilmeth | char(2) |
| seekocc | char(3) | | origamtpd | money(5,0) |
| lohrwage | money(5,2) | | wksdenbef | smallint |
| dob | date | | wksdenaft | smallint |
| gender | char(2) | | wsreq | smallint |
| ethnic | char(2) | | jsregreq | smallint |
| program | char(1) | | jsreg | smallint |
| cwc | smallint | | jsregdef | smallint |
| byb | date | | jsref | smallint |
| icfilmeth | char(2) | | privagreg | smallint |
| bri | char(4) | | privagref | smallint |
| sepbef | char(2) | | unrefstat | smallint |
| sepaft | char(2) | | unref | smallint |
| sepdatebef | date | | unserv | smallint |
| sepdateaft | date | | unastreq | smallint |
| nonsepbef | char(2) | | unast | smallint |
| nonsepaft | char(2) | | jobcon | smallint |
| rclstatbef | char(2) | | prjobcon | smallint |
| rclstataft | char(2) | | wsconinv | smallint |
| bpempbef | smallint | | wsconok | smallint |
| bpempaft | smallint | | wsconnotok | smallint |
| bpwbef | money(6,0) | | wsconunver | smallint |
| bpwaft | money(6,0) | | actflag | smallint |
| hqwbef | money(5,0) | | detapp | smallint |
| hqwaft | money(5,0) | | apprslt | smallint |
| bpwksbef | smallint | | invcomp | char(1) |
| bpwksaft | smallint | | invcompdate | date |
| wbabef | money(3,0) | | supcomp | char(1) |
| wbaaft | money(3,0) | | supcompdate | date |
| mbabef | money(5,0) | | suplogin | char(10) |
| mbaaft | money(5,0) | | lockid | smallint |
| depbef | smallint | | data_pickup_date | datetime |
| depaft | smallint | | | |

| b_dca_assigndate | |
|---|---|
| Column Name | Data Type |
| batch | integer |
| seq | smallint |
| samptype | smallint |
| index | smallint |
| assigndate | date |
| invid | smallint |
| supid | smallint |
| assignflag | char (1) |
| data_pickup_date | datetime |

| b_dca_reopen | |
|---|---|
| Column Name | Data Type |
| batch | integer |
| seq | smallint |
| samptype | smallint |
| index | smallint |
| reoptype | char (1) |
| reopdate | date |
| reopid | char (10) |
| data_pickup_date | datetime |
| | |

| b_dca_errisu | |
|---|---|
| Column Name | Data Type |
| batch | integer |
| seq | smallint |
| samptype | smallint |
| index | smallint |
| totamt | money (5,0) |
| action | char (2) |
| cause | char (3) |
| resp | char (4) |
| detectpt | char (2) |
| agact | char (2) |
| empact | char (2) |
| actapp | char (2) |
| data_pickup_date | datetime |

| b_dca_comparison | |
|---|---|
| Column Name | Data Type |
| batch | integer |
| samptype | smallint |
| sampsize | smallint |
| popsize | integer |
| malesamp | smallint |
| malepop | integer |
| femsamp | smallint |
| fempop | integer |
| genmisssamp | smallint |
| genmisspop | integer |
| whsamp | smallint |
| whpop | integer |
| nonwhsamp | smallint |
| nonwhpop | integerq |
| ethmisssamp | smallint |
| ethmisspop | integer |
| ageund25samp | smallint |
| ageund25pop | integer |
| age25_34samp | smallint |
| age25_34pop | integer |
| age35_44samp | smallint |
| age35_44pop | integer |

| b_dca_comparison | |
|---|---|
| Column Name | Data Type |
| age45_64samp | smallint |
| age45_64pop | integer |
| age65oversamp | smallint |
| age65overpop | integer |
| agemisssamp | smallint |
| agemisspop | integer |
| uiprogsamp | smallint |
| uiprogpop | integer |
| fedprogsamp | smallint |
| fedprogpop | integer |
| progmisssamp | smallint |
| progmisspop | integer |
| data_pickup_date | datetime |