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. The BAM data is used in the overpayment detection measure, which is a Core Measure for UI Performs (UI performance management system).

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. 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 staffs gather sufficient information from claimants, employers and third parties to complete their investigations for over 99 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 2013

Sample Type	Cases Sampled	Valid Cases*	Cases Completed **	Percent Complete	In-Person	Tele-Phone	Mail	No Clmnt. Inter.
Paid Claims	24,293	24,191	24,181	99.96%	14.16%	37.27%	40.92%	7.65%
Monetary	8,682	8,119	8,117	99.98%	0.58%	47.39%	24.50%	27.52%
Separation	8,152	8,042	8,039	99.96%	0.42%	45.38%	25.77%	28.42%
Nonseparation	8,496	8,054	8,051	99.96%	0.72%	48.89%	28.64%	21.75%

* 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. Valid cases excludes paid claim cases for New Mexico batch range 201240 through 201252 and New Jersey batch range 201245 through 201305.

**To meet IPIA reporting timetables, the database was frozen on 10/29/2013. The number of valid cases signed off by the BAM program's supervisor.

The attached excel spreadsheet provides state detail for the claimant interview methodology: IPIA_2013_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. BAM 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.

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
Annual Report* *Rate shown with and without other SWA errors (e.g. interstate activities)	1 - Paid Claims	10 - Fraud 11 - Nonfraud recoverable 12 - Nonfraud nonrecoverable 13 - Technically proper due to finality rules 15 - Technically proper due to rules other than finality or formal warning rule	All cause codes.
Operational	1 - Paid Claims	10 - Fraud 11 - Nonfraud recoverable	100-119; 150-159 Benefit year earnings 120-149 Deductible Income 300-329 Separation 400-419 Able and available 430-439 Refusal of suitable work 440-449 Self-employment 450-459 Illegal alien status 470-479 Other eligibility issues 480-489 Identity theft 500-519 Dependents
Fraud	1 - Paid Claims	10 - Fraud	All cause codes.
Agency Responsibility* *Rate shown with and without other SWA errors (e.g.	1 - Paid Claims	10 - Fraud 11 - Nonfraud recoverable 12 - Nonfraud nonrecoverable 13 - Technically proper due to finality rules 15 - Technically proper due to rules other than finality or formal warning rule	All cause codes.

Rate	Sample Type	Action Code	Cause
interstate activities)		Includes only those overpayments for which the agency had full or partial responsibility -- codes 30, 1030, 230, 34, 1230, 1034, 234, 1234.	
Underpayment	1 - Paid Claims	BAM investigation determines that the payment was too small: 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) 21 - Technically proper due to finality rules 22 - Technically proper due to rules other than finality	All cause codes.

Denied Claims			
Rate	Sample Type	Action Code	Cause
Improperly Denied	2 - Monetary 3 - Separation 4 - Nonseparation	BAM investigation determines that the denial determination was improper or benefit payment was too small: 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 21 - Technically proper due to finality rules 22 - Technically proper due to rules other than finality 23 - Supplemental check issued/offset applied which was later officially reversed, revised, adjusted or modified, and BAM disagrees with the official action 24 - No payment is due to the claimant	For Action codes 20-23: All causes <u>except</u> 700 - 739. For Action code 24: 710-719: Claimant not entitled to benefits due to other issues affecting the claim 720-729: Claimant not entitled to benefits because no week was claimed (Codes valid only for Sample Type 3 or 4)

Denied Claims			
Rate	Sample Type	Action Code	Cause
Adjusted Improperly Denied	2 - Monetary 3 - Separation 4 - Nonseparation	Same as Improperly Denied minus: 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 – or – Results of Appeal of Initial Determination codes 1 - affirmed, eligible; or 3 - reversed, eligible	For Action codes 20-23: All causes except 700 - 739. For Action code 24: 710-719: Claimant not entitled to benefits due to other issues affecting the claim. 720-729: Claimant not entitled to benefits because no week was claimed (Codes valid only for Sample Type 3 or 4)
Overpayment	3 - Separation 4 - Nonseparation	Action codes 10-16	All causes except 700 - 739.
Properly Denied	2 - Monetary 3 - Separation 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 – http://oui.doleta.gov/unemploy/.

Contacts

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

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

- BAM State Contacts

APPENDIX A

DATA COLLECTION INSTRUMENTS A-2

BAM 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 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 utilizes additional tables also 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. Range of values: 1 - 99. 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. 1 - BAM paid claim 2 - Monetary denials 3 - Separation denials 4 - Nonmonetary nonseparation denials

Example: **batch** = 200003; **seq** = 3; **samptype** = 2 identifies the record as the third sampled monetary denied case within the third week of 2000.

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