

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

The following table represents the EBT SNAP and DSNAP files sent between the State of Mississippi Department of Human Services (MDHS) and the current EBT Vendor:

File	Frequency	MS to Vendor	Vendor to MS
Account Maintenance File	Daily – SNAP; Daily during time of disaster; Weekly on-going - DSNAP	X	
Account Maintenance Return File	Daily – SNAP; Daily during time of disaster; Weekly on-going - DSNAP		X
Benefit Maintenance File	Daily/Monthly – SNAP; Daily during time of disaster - DSNAP	X	
Benefit Maintenance Return File	Daily/Monthly - SNAP; Daily during time of disaster - DSNAP		X
Incoming Household File	Daily during time of disaster - DSNAP		X
Daily Activity File	Daily		X
Report File	Daily – Settlement/Cutoff and End of Calendar Day; Monthly		X
Benefit Aging File	Daily		X
Adjustment Activity File	Daily		X
Cardholder Reconciliation File	Monthly		X
Account Management Agent (AMA) File	Daily		X
Store Tracking and Redemption Subsystem (STARS) File	Daily		X
Settlement Cutoff Report File	Daily		X
Nightly Report File	Daily		X
Monthly Report File	Monthly		X

### Data Element Attributes

The attributes represent the data type and length of the data elements in the file layouts. Both the data type and length information are abbreviated in the message structure charts. The following is the legend for the abbreviations used in the Type/Length columns of the message structure chart:

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Type/Length	Description
9 – Integer	Numeric digits only.
X – String	Alphabetic and numeric characters only.
(3)	Fixed length of three characters.

### Fixed Length Data Elements

All fixed length numeric data elements are assumed to be right-justified with leading zeros. All other fixed length data elements are left-justified with trailing blanks.

### Status Information

The data element status provides additional information regarding the completion of the data element. The message structure chart contains an abbreviation of the status for each data element. The following are the different data element statuses and a description of each:

Status	Description
M (Mandatory)	The data element is mandatory.
C (Conditional)	The data element is required when specific conditions are satisfied.
O (Optional)	The data element is optional and may be provided at the option of the originator of the record. If the data element is present in the record, it will be processed.
I (Ignored)	The data element is ignored.

### *Account Maintenance File*

The following is a description of the Account Maintenance File format for adding and updating case and cardholder information on the existing Vendor's EBT System. The file layout consists of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled. All batch transmissions should be one logical file per physical file.

#### Account Maintenance File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	"HA"	M
2	003-006	Client Number	4	X	"4333" – Client Number for Mississippi	M
3	007-012	Batch ID	6	X	"MSDLYA"- Daily Account Maintenance	M
4	013-020	File Create Date	8	9	CCYYMMDD	M
5	021-026	File Create Time	6	9	HHMMSS	M
6	027-032	Batch Sequence Number	6	9	Increment by one for each Batch ID	M
7	033-299	Filler	267	X	Spaces	I

*Record Length – 299*

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**Note: All batch transmissions are one logical file per physical file.**

### Account Maintenance File Detail Record

#	Position	Description	Length	Type	Values	M/C/O/I fields for Action Codes:			
						01	02	03	04
1	001-002	Record Type	2	X	“DT”	DT	DT	DT	DT
2	003-004	Action Code	2	X	“01” - Account Set-up “02” - Account Update “03” - Access Update “04” - Deactivate	01	02	03	04
3	005-016	Case Number	12	X	State assigned Case Number	M	M	M	M
4	017-018	Primary/Alternate Indicator	2	X	“01” – Primary “02” - Alternate “03” - Alternate “04” - Alternate	M	M	M	M
5	019-020	Cardholder Access	2	X	“00” – No Access “01” – Access	M	I	M	I
6	021-029	SSN	9	X	Field should be filled with spaces if SSN is unavailable.	O	O	I	I
7	030-044	First Name	15	X		M	O	I	I
8	045-045	Middle Initial	1	X	Field should be filled with spaces if Middle Initial is unavailable.	O	O	I	I
9	046-065	Last Name	20	X		M	O	I	I
10	066-105	Street Address 1	40	X		M	O	I	I
11	106-145	Street Address 2	40	X	Field should be filled with spaces if Street Address 2 is unavailable.	O	O	I	I
12	146-164	City	19	X		M	O	I	I
13	165-167	State	3	X		M	O	I	I
14	168-176	Zip	9	X	Field will always be filled. If last 4 digits on the zip not known, zip will be filled with zeros i.e. 123450000.	M	O	I	I
15	177-182	County Code	6	X		M	O	I	I
16	183-190	Date of Birth	8	X	Field should be filled with zeros if DOB is unavailable.	O	O	I	I
17	191-202	Case Worker ID	12	X		M	O	I	I
18	203-203	Card Issuance Indicator	1	X	“0” – Do Not Issue Card “1” – Issue Card	M	M	I	I

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#	Position	Description	Length	Type	Values	M/C/O/I fields for Action Codes:			
						01	02	03	04
					“2” – Auto Card Replace; issue replacement card and set current card to expire in seven (7) calendar days or at first use of the replacement card (ONLY used with monthly card replacement process initiated by the State)				
19	204-206	Language Code	3	X	Default to “ENU”	M	O	I	I
20	207-212	Provider 1	6	9	Identifies the State for Reporting – State will send 500500	M	O	I	I
21	213-214	MS Database Locator	2	X	MS Custom Data – Identifies the MAVERICS database where the account resides.	O	O	I	I
22	215-216	Household Size	2	9	Valid range for household size is 1 – 25 (DSNAP ONLY)	M	M	I	I
23	217-223	Event ID	7	9	Generated by Vendor System at Disaster Event set-up; field is left padded with 0 (DSNAP ONLY)	O	O	I	I
24	224-239	PAN	16	9	Disaster Card PAN issued to the recipient (DSNAP ONLY)	O	O	I	I
25	240-299	Filler	60	X	Spaces	I	I	I	I

*Record Length – 299*

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### Account Maintenance File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“TA”	M
2	003-008	Batch ID	6	X	Shall match header	M
3	009-017	Total Detail Records	9	9	Total number of detail records	M
4	018-026	Number of Account Set-up Records	9	9	Count of Account Set-up records	M
5	027-035	Number of Account Updates	9	9	Count of Account Update records	M
6	036-044	Number of Access Updates	9	9	Count of Access Update records	M
7	045-053	Number of Deactivates	9	9	Count of Deactivate records	M
8	054-299	Filler	246	X	Spaces	I

*Record Length – 299*

#### ***Account Maintenance File Processing Rules***

Each new EBT SNAP account being established on the Vendor’s system will require an Account Set-up record to be sent through the batch interface from the State to the Vendor. An EBT SNAP Account on the Vendor’s system can have multiple cardholders, each with their own unique EBT card number (i.e., Personal Account Number (PAN)) and Personal Identification Number (PIN). The State will allow one (1) Primary Cardholder (PC) and two (2) Secondary Cardholders (SCs) on each case.

To set-up SCs up on the Vendor’s system, the State will utilize the Primary/Alternate Indicators “02” through “04”. A Primary/Alternate Indicator shall be unique within case. Every EBT SNAP Account on the Vendor’s system shall have a PC (Primary/Alternate Indicator “01”) established prior to a SC (Primary/Alternate Indicators “02”-“04”) being added to an account. The Account Maintenance Files will also be used by the State to identify to the Vendor’s system that an EBT/SNAP Card should be created for the PC or any SCs.

The State’s system will run the process to create the Account Maintenance File once per day on average, unless additional processing is required (i.e., an unusual processing schedule or in the event of a disaster). Therefore, the final disposition of the case at the time the State’s process creates the Account Maintenance File record is what will be sent to the Vendor’s system. In other words, for a new case being added to the system, a user can make multiple changes to the case throughout the day, but only one Account Set-up record will be sent by the State. The Vendor’s system would not receive an Account Set-up and multiple Account Updates for the case in that days file. Batch File edits and errors have been identified under the Batch Processing Return File Record Layout.

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### Account Set-up

The State will send an Account Set-up record (“01” Action Code) for each cardholder being added to the case. The initial Account Set-up will include all of the mandatory data elements identified in the Account Maintenance File detail record layout. When processing an Account Set-up record, the Vendor’s database will be checked to ensure that the Case Number and an active Primary/Alternate Indicator combination do not exist. If it does, then the Account Set-up record will not be processed and an error will be written to the return file. If the Case Number and Primary/Alternate Indicator combination do not exist, then the record will be processed and added to the Vendor’s database. The Account Set-up record will also identify whether an EBT/SNAP Card should be created for each Case Number and an active Primary/Alternate Indicator combination. EBT/SNAP Cards will be mailed directly to the Case Address for all cardholders.

### Account Update

Updates to recipient’s/cardholder’s demographic information will be triggered by Account Maintenance File records containing an Action Code of “02”. The update record should include all of the mandatory data elements identified in the Account Maintenance File detail record layout. The updateable data in the Account Maintenance File detail record includes Field Numbers 6 through 17 and Field Number 19. The Vendor’s system will take action on Field 18 (Card Issuance Indicator) based on the value in the update record. The Case Number, Primary/Alternate Indicator and Cardholder Access cannot be changed for a “02” action code. The Case Number and the Primary/Alternate Indicator are the fields used to identify the cardholder on the database whose demographic information is being updated.

The Card Issuance Indicator is a field in the detail record that identifies an action to be taken by the Vendor’s system. Therefore, on an Account Update, the system will act on the value of the indicator. If the Card Issuance Indicator is set to “0” (do not issue card), then the demographic update will be processed and no card will be requested. If the Card Issuance Indicator is set to “1” (issue card), then the demographic update will be processed and a card will be requested. The Vendor’s database will be checked to see if there is currently an active card for this cardholder. If an active card already exists for the cardholder, the existing card will be statused/cancelled and a replacement card will be requested. If the Card Issuance Indicator is set to “2” (auto card replace), then the demographic update will be processed, a replacement card will be requested and the current card will be set to expire in seven (7) calendar days or at first use of the replacement card whichever occurs first. The auto card replace function is used solely by the State to replace damaged or suspected fraudulently-used cards on a monthly basis. The current card remains active up to seven (7) calendar days to allow the replacement card time to be mailed and received without negatively impacting benefit access. ***Otherwise, there can only be one active card per cardholder.***

Additional recipient/cardholder demographic data, such as Social Security Number and Date-of-Birth, are required as these identifying pieces of data will be entered into the Interactive Voice Response (IVR) system by the recipient/cardholder when selecting a Personal Identification Number (PIN).

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### **Access Update**

The Access Update function, Action Code “03”, is used to change a Primary or Alternate’s benefit access on the EBT Account. The State’s system would send an “03” Action Code identifying the Case Number and the Primary/Alternate Indicator of who’s access should change, along with the new Cardholder Access value for that Primary/Alternate. Fields 1-5 of the Account Maintenance Detail Record are the only Mandatory data elements for the Access Update action code. The rest of the data elements in the record will be ignored.

### **Deactivate**

The Deactivate record, Action Code “04”, is used when a SC is being removed from a case and is not being replaced by a different SC. The Deactivate record will status the particular cardholder’s card (if it has not already been statused) and deactivate the cardholder on the database. This will restrict them from requesting a replacement card and will eliminate their access to any future benefits. If a PC wants their SC’s access to the account immediately stopped and cannot wait for the batch process, they can have the person’s card statused at the local office (via the State Office EBT Help Desk) or through the Call Center. The State’s system will send a “04” Action Code identifying the Case Number and the Primary/Alternate to deactivate. A PC (Primary/Alternate Indicator “01”) cannot be deactivated.

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### Benefit Maintenance File

The following is a description of the Benefit Maintenance File format for adding and canceling benefits on the Vendor's database. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled. All batch transmissions should be one logical file per physical file.

#### Benefit Maintenance File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	"HB"	M
2.	003-006	Client Number	4	X	"4333" – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	"MSDLYF" – Daily SNAP Benefit File "MSMONF" – Monthly SNAP Benefit File	M
4.	013-020	File Create Date	8	9	CCYYMMDD	M
5.	021-026	File Create Time	6	9	HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	Increment by one per Batch ID.	M
7.	033-106	Filler	74	X		I

*Record Length – 106*

**Note: All batch transmissions are one logical file per physical file.**

#### Benefit Maintenance File Detail Record

#	Position	Description	Length	Type	Comments	M/C/O/I fields for Action Codes:	
						01	02
1.	001-002	Record Type	2	X	"DT"	DT	DT
2.	003-004	Action Code	2	X	"01" – SNAP Benefit Add "02" – SNAP Benefit Cancel "03" – SNAP Benefit Repayment	01	02
3.	005-016	Case Number	12	X	State Case number.	M	M
4.	017-020	Benefit Type	4	X	"FS" – SNAP Benefit	M	I
5.	021-027	Benefit Amount	7	9(5)V99	Amount of benefit authorization.	M	I



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#	Position	Description	Length	Type	Comments	M/C/O/I fields for Action Codes:	
						01	02
6.	028-036	Benefit Document ID Number	9	X	The Benefit Document ID for Action Codes “01” and “02”; number shall be unique for each benefit. “REPAY” on all Action Code “03” records.	M	M
7.	037-044	Benefit Available Date	8	9	CCYYMMDD	M	I
8.	045-050	Benefit Month	6	9	CCYYMM - Month of Benefit Payment	M	I
9.	051-056	County Code	6	X	Local office number for Action Codes “01” and “02”; “333333” on all Action Code “03” records.	M	I
10.	057-106	Filler	50	X	Spaces	I	I

*Record Length – 106*

### Benefit Maintenance File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“TB”	M
2.	003-008	Batch ID	6	X	Shall match header.	M
3.	009-017	Total Detail Records	9	9	Total Number of Detail records.	M
4.	018-026	Number of Benefit Adds	9	9	Count of Add records in the batch.	M
5.	027-035	Number of Benefit Cancels	9	9	Count of Cancel records in the batch.	M
6.	036-045	Amount of Adds	10	9(8)V99	Total Dollar Value of Add Records in the batch.	M
7.	046-055	Amount of Cancels	10	9(8)V99	Total Dollar Value of Cancel Records in the batch.	M
8.	056-064	Number of Benefit Repayments	9	9	Count of Repayment records in the batch.	M
9.	065-074	Amount of Repayments	10	9(8)V99	Total Dollar Value of Repayment Records in the batch.	M

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10.	075-106	Filler	32	X	Spaces.	I
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*Record Length – 106*

### **Benefit Maintenance File Processing Rules**

The Benefit Maintenance File is used by the State to add and update benefit authorization information on the existing Vendor's EBT System through the batch maintenance process. The information will include the type of benefit, the amount of the benefit and the availability date of the benefit. The record formats in this file will also include the ability to cancel benefit authorizations and debit an account when processing an authorized benefit repayment. The authorization number assigned to the benefit is required to be unique across all accounts to prevent accidental over issuance for whatever reason (i.e., erroneous file processing; etc.). Even when a benefit has been cancelled, the authorization number cannot be reused.

Benefits dated for future availability will be applied to the accounts but will be unavailable until the specific future availability date has been reached. When access to the benefits is attempted, either via the Administrative Terminal (AT) or by a cardholder via a transaction, the date of availability is checked and if the date has been reached the benefits are available. Therefore, if a cardholder attempts to access their benefits at 12:01 A.M. Central Time on the available date, they will be available (provided the Benefit Maintenance File has been received timely and processed).

In order for a benefit to be posted to the Vendor's system, an EBT Account shall be established on the database. The benefit authorization record will reject if an EBT Account has not been set-up on the Vendor's system. Each benefit record sent in by the State will contain a benefit document ID number. This is a number that is generated by the State's eligibility system. The number shall be unique for each benefit added to the Vendor's system regardless of benefit type or Case. This number will be edited against the database during batch processing to ensure that no duplicate authorizations are being posted.

### **Benefit Maintenance Files – Daily**

The Daily Benefit Maintenance Files are transferred via SFTP from the State to the Vendor are used to send initial benefits, one-time benefits, backdated benefits, future dated benefits, benefit cancellations or benefit repayments. The files will contain authorization information including the benefit document ID number, type of benefit, amount of benefit, and the benefit available date.

### **Benefit Maintenance Files – Monthly**

The Monthly Benefit Maintenance file transferred via SFTP from the State to the Vendor is used for monthly reoccurring benefits. The file will include all benefit authorizations for the upcoming month's issuance schedule. Each benefit record will contain an available date for that benefit authorization.

### **Cancel Pending Benefits**

Benefit authorization records received from the State are held in the Vendor's benefits database in a pending status until the date of availability. During the period when benefits

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are pending, the State may cancel the benefit authorizations through the “02” Action Code in the Benefit Maintenance File. The State will send in a “02” Action Code identifying the Case Number and the Benefit Document ID to be cancelled. If the Benefit Document ID has not reached the availability date, the benefit will be cancelled. If the Benefit Document ID has reached the availability date, the cancel request will be rejected.

### **Benefit Repayments**

Benefit repayment records received from the State are processed in the Vendor’s benefits database and initiate the repayment transaction. The repayment amount is deducted from the recipient’s account. The State may submit repayment records through the “03” Action Code in the Benefit Maintenance File. The State will submit an “03” Action Code record identifying the Case Number, Benefit Amount and the Benefit Type. Repayment records for zero dollars will be rejected. Repayment amounts are ONLY applied to available benefits regardless of account status (i.e., dormant or active), and do NOT reset a benefit document ID number’s expungement clock.

### **Batch Processing Return Files**

To communicate receipt of each valid file received from the State, the Vendor will generate a return file and make available to the State for each file processed. If unidentifiable data is received in the header record and a return file cannot be generated, the Vendor should utilize established operational procedures for follow-up with the State. The return file will provide a summary of the file processed and identify any records that could not be processed by the Vendor’s system. The return file will contain an error record for each error within the original record processed. In other words, one incoming record that was processed could contain multiple errors. The Return File will contain an error record for each error encountered. The State will be responsible for reviewing, updating, and resubmitting these records to the Vendor for processing. The resubmitted records can be sent to the Vendor in the next days’ file. The Vendor’s system should treat any resubmitted records as new records.

Separate return files will be generated as a result of processing Account Maintenance Files and Benefit Maintenance Files. The Batch Processing Summary records will provide statistics on each batch received. The records will summarize the total number of detail records, the count and amount of benefit add, cancel and repayment transactions (for Benefit File), and the number of adds and updates (for Account File), and the number of errors detected. In addition to the file summary information, the Vendor will identify in the error records, each detail record that rejected in the batch process. The file will contain a copy of the entire record in error that the State sent and the reason for the reject.

### **Account Maintenance Return File**

The following is a description of the Account Maintenance Return File format for identifying and returning to the State the results of processing the Account Maintenance File. The file layout consists of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

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### Account Maintenance Return File Header Record

	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	<b>“RA”</b>	M
2.	003-006	Client Number	4	X	<b>“4333”</b> – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	<b>“MSRETA ”</b>	M
4.	013-020	Date	8	9	CCYYMMDD	M
5.	021-026	Time	6	9	HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7.	033-307	Filler	275	X	Spaces	I

*Record Length = 307*

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### Account Maintenance Return File Error Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“ER”	M
2	003-301	Error Record	299		Entire Account Maintenance File Detail Record that errored out.	M
3	302-307	Error Code	6	X	Reason record was rejected; see Error Codes for Header, Trailer and Detail records below.	M

*Record Length = 307*

### Account Maintenance Return File Summary Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“SA”	M
2.	003-006	Client Number	4	X	<i>From Header of State File -</i> “4333” – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	<i>From Header of State File -</i> “MSDLA”- Daily Account Maintenance	M
4.	013-020	File Create Date	8	9	<i>From Header of State File –</i> CYYMMDD	M
5.	021-026	File Create Time	6	9	<i>From Header of State File –</i> HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	<i>From Header of State File</i>	M
7.	033-041	Records Received	9	9	Count of records received in the file	M
8.	042-050	Number of Add Records Processed	9	9	Count of add records processed in the file	M
9.	051-059	Number of Update Records Processed	9	9	Count of update records processed in the file	M
10.	060-068	Number of Errors	9	9	Count of records in the file that errored out.	M
11.	069-307	Filler	239	X	Spaces	I

*Record Length = 307*

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### Account Maintenance Return File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RT”	M
2	003-008	Batch ID	6	X	Shall match header	M
3	009-014	Total Detail Records	6	9	Count of detail records in return file (summary record plus error records)	M
4	015-307	Filler	293	X	Spaces	I

*Record Length = 307*

The following table identifies the edits and errors for the **Account Maintenance Header** Record.

Error Code	Description
AHA002	Invalid Batch ID
AHA003	Invalid Date (numeric and reasonability edits)
AHA004	Invalid Time (numeric and reasonability edits)
AHA005	Invalid Batch Sequence Number (numeric edit)
AHA006	Not currently in use
AHA007	Duplicate file

If any of these Account Maintenance Header errors occur, the entire file will be rejected.

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

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The following table identifies the edits and errors for the **Account Maintenance Detail** Record.

Error Code	Description
ADT001	Invalid/Missing Record Type
ADT002	Invalid/Missing Action Code
ADT003	Invalid/Missing Primary/Alternate Indicator
ADT004	Invalid/Missing Cardholder Access
ADT005	Demographics Already Exist - For Action Code "01"
ADT006	No Cardholder on File – For Action Code "02", "03", "04"
ADT007	No Primary on File - For action code "01" and Primary/Alternate Indicator of "02", "03" or "04"
ADT008	Invalid/Missing Case Number
ADT009	Missing First Name
ADT010	Missing Last Name
ADT011	Invalid/Missing County Code
ADT012	Invalid Date of Birth
ADT013	Invalid/Missing Case Worker ID
ADT014	Invalid/Missing Card Issuance Indicator
ADT015	Invalid/Missing Language Code
ADT016	Not currently in use
ADT017	Not currently in use
ADT018	Benefit Access Already Exists (note: For action code '03')
ADT019	Benefit Access Does Not Exist (note: For action code '03' and cardholder access '00')
ADT020	Not currently in use
ADT021	Invalid/Missing Address
ADT022	Invalid/Missing City
ADT023	Invalid/Missing State
ADT024	Invalid/Missing Zip
ADT025	Not currently in use
ADT026	Invalid values for HHS field (01-25 are only allowed)
ADT027	Cases created via AT cannot be updated via external file
ADT028	Disaster Cases must include Event ID and PAN
ADT029	Disaster Cases must start with '8'

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ADT030	Not currently in use
ADT031	Event ID is not numeric or does not exist in EPPIC
ADT032	Event ID is Inactive
ADT033	Disaster PAN already exists
ADT034	Disaster PAN not in stock
ADT035	Invalid Disaster PAN
ADT036	Cannot replace card in current status
ADT037	Existing Pending Delivery card

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

The following table identifies the edits and errors for the **Account Maintenance Trailer** Record.

Error Code	Description
ATA001	Invalid/Missing Record Type
ATA002	Mismatch on Batch ID
ATA003	Mismatch on Total Number of Detail Records
ATA004	Mismatch on Number of Account Set-up Records
ATA005	Mismatch on Number of Account Update Records
ATA006	Mismatch on Number of Access Update Records
ATA007	Mismatch on Number of Deactivate Records

If any of these Account Maintenance Trailer errors occur, the entire file will be rejected.

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

### ***Benefit Maintenance Return File***

The following is a description of the Batch Processing Return File format for identifying and returning to the State the results of processing the Benefit Maintenance File. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.



## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Maintenance Return File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	<b>“RA”</b>	M
2	003-006	Client Number	4	X	<b>“4333”</b> – Client Number for Mississippi	M
3	007-012	Batch ID	6	X	<b>“MSRETB ”</b>	M
4	013-020	Date	8	9	CCYYMMDD	M
5	021-026	Time	6	9	HHMMSS	M
6	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7	033-114	Filler	82	X	Spaces	I

*Record Length = 114*

### Benefit Maintenance Return File Error Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	<b>“ER”</b>	M
2	003-108	Error Record	106		Entire Benefit Maintenance File Detail Record that errored out.	M
3	109-114	Error Code	6	X	Reason record was rejected; see Error Codes for Header, Trailer and Detail records below.	M

*Record Length = 114*

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Maintenance Return File Summary Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“SB”	M
2.	003-006	Client Number	4	X	<i>From Header of State File</i> - “4333” – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	<i>From Header of State File</i> - “MSDLYF”- Daily SNAP Benefit File “MSMONF” – Monthly SNAP Benefit File	M
4.	013-020	File Create Date	8	9	<i>From Header of State File</i> – CYYMMDD	M
5.	021-026	File Create Time	6	9	<i>From Header of State File</i> – HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	<i>From Header of State File</i>	M
7.	033-041	Records Received	9	9	Count of records received in the file	M
8.	042-050	Number of Add Records Processed	9	9	Count of add records processed in the file	M
9.	051-059	Number of Cancel Records Processed	9	9	Count of cancel records processed in the file	M
10.	060-069	Amount of Adds Processed	10	9(8)v99	Total Dollar Value of Add Records processed.	M
11.	070-079	Amount of Cancels Processed	10	9(8)v99	Total Dollar Value of Cancel Records processed	M
12.	080-088	Number of Repayments Processed	9	9	Count of repayment records processed in the file.	M
13.	089-098	Amount of Repayment Processed	10	9(8)V99	Total Dollar Value of Repayment Records processed.	M
14.	099-107	Number of Errors	9	9	Number of records in the file that errored out.	M
15.	108-114	Filler	7	X	Spaces	I

*Record Length = 114*

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Maintenance Return File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“RT”	M
2	003-008	Batch ID	6	X	Shall match header	M
3	009-014	Total Detail Records	6	9	Count of detail records in the return file (summary record plus error records)	M
4	015-114	Filler	100	X	Spaces	I

*Record Length = 114*

The following table identifies the edits and errors for the Benefit Maintenance Header record.

Error Code	Description
BHB002	Invalid Batch ID
BHB003	Invalid Date (numeric and reasonability edits)
BHB004	Invalid Time (numeric and reasonability edits)
BHB005	Invalid Batch Sequence Number (numeric edit)
BHB006	Not currently in use
BHB007	Duplicate file

If any of these Benefit Maintenance Header errors occur, the entire file will be rejected.

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

The following table identifies the edits and errors for the Benefit Maintenance Detail record.

Error Code	Description
BDT001	Invalid/Missing Record Type
BDT002	Invalid/Missing Action Code
BDT003	No EBT Account on File
BDT004	Benefit Document ID Already Exists – For “01” Action Code
BDT005	No Benefit Authorization Found – For “02” Action Code
BDT006	Benefits Past Availability Date - For “02” Action Code
BDT007	Missing Case Number
BDT008	Invalid/Missing Benefit Type

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Error Code	Description
BDT009	Invalid/Missing Benefit Amount (Shall be numeric, non-zero)
BDT010	Missing Benefit Document ID Number
BDT011	Invalid/Missing Benefit Available Date
BDT013	Invalid/Missing Benefit Month – For “01” Action Code
BDT014	Missing Local Office Code – For “01” Action Code
BDT015	Benefit Repayment Rejected; Case is Active
BDT016	Benefit Repayment Rejected; Repayment Amount Exceeds Case Balance
BDT017	Repayments for \$0.00 cannot be made
BDT018	Repayments cannot be made on Cash program

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

The following table identifies the edits and errors for the Benefit Maintenance Trailer Record.

Error Code	Description
BTB001	Invalid/Missing Record Type
BTB002	Mismatch on Batch ID
BTB003	Mismatch on Total Number of Detail Records
BTB004	Mismatch on Number of Benefit Add Records
BTB005	Mismatch on Number of Benefit Cancel Records
BTB006	Mismatch on Amount of Benefit Adds
BTB007	Mismatch on Amount of Benefit Cancels
BTB008	Mismatch on Number of Repayments
BTB009	Mismatch on Amount of Repayments

If any of these errors occur, the entire file will be rejected.

*Invalid = If field is populated with other than spaces and fails edit*

*Missing = Required field contains spaces*

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Aging File

The following is a description of the Benefit Aging File format for reporting inactive account information to the State. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

#### Benefit Aging Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“HE”	M
2.	003-006	Client Number	4	X	“4333” – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	“MSAGE ”	M
4.	013-020	Date	8	9	CCYYMMDD	M
5.	021-026	Time	6	9	HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7.	033-080	Filler	48	X	Spaces	I

*Record Length = 80*

#### Benefit Aging Detail Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“DT”	M
2.	003-004	Aging Indicator	2	X	“02” – Inactive – 90 days; “03” – Expungement – 365 days	M
3.	005-008	Benefit Type	4	X	“FOOD” – SNAP	M
4.	009-020	Case Number	12	X		M
5.	021-028	Last Debit Date	8	9	CCYYMMDD	M

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

#	Position	Description	Length	Type	Comments	M/C/O/I
6.	029-035	Account Balance (Document ID balance for expungements)	7	9(5)V99	Contains the remaining available balance for the benefit type for Aging Indicators: “02”– Inactive Contains the remaining balance in the Benefit Document ID Number being identified in the detail record for Aging Indicator: “03”– Expungement	M
7.	036-044	Benefit Document ID Number	9	X	Required on expungements only	C
8.	045-050	County Office Code	6	X	Eligibility office number	M
9.	051-080	Filler	30	X	Spaces	I

*Record Length = 80*

### Benefit Aging Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“TE”	M
2.	003-008	Batch ID	6	X	Shall match header	M
3.	009-014	Total Detail Records	6	9	Count of Records	M
4.	015-020	Total Aging Indicator 01 records	6	9	Count of detail records with “01” Aging Indicator	M
5.	021-026	Total Aging Indicator 02 records	6	9	Count of detail records with “02” Aging Indicator	M
6.	027-032	Total Aging Indicator 03 records	6	9	Count of detail records with “03” Aging Indicator	M
7.	033-042	Total Amount of Expunged Benefits	10	9(8)v99	Amount of detail records with “03” Aging Indicator	M
8.	043-080	Filler	38	X	Spaces	I

*Record Length = 80*

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Aging File Processing Rules

The Benefit Aging File will be made available to the State on a daily basis. This file will contain information on SNAP accounts that have reached the State defined periods of inactivity at the benefit authorization level. “Inactivity” is defined as no cardholder debit activity against an account. For purposes of the aging process, credits (cardholder or State initiated), balance inquiries and denied transactions do not constitute activity. The State uses this file to generate notices to their recipients and alerts to their caseworkers.

The following table identifies the inactivity timeframes for SNAP benefits for the State of Mississippi:

AGING STATUS	NO SNAP ACCOUNT DEBIT ACTIVITY FOR
DORMANT	90 DAYS
EXPUNGEMENT	365 DAYS

The Benefit Aging file rules will be based on the number of calendar days between the account’s last debit transaction and the current date. The number of days will be calculated as a warning, dormant, and expunged period. In the absence of a recipient initiated debit, the benefit authorization date will be utilized to calculate the warning, inactive, and expunged period.

The State will not receive account records with a zero balance. In other words, if an account has benefit authorizations with a balance of zero, when that account reaches the inactivity periods, the State will not receive a record in the Benefit Aging File for that account.

Inactivity up to the Dormant Aging Status will be determined by the oldest benefit on the account and impact all of the benefits within the account. Inactivity timeframes for expungement will be determined at the benefit authorization level. This is further described within this section.

When an **account** has reached **90 days** of inactivity (based on the oldest benefit authorization within the account) the following will occur:

1. The State will receive a record in the Benefit Aging File identifying the SNAP account as a “dormant” account.
2. The status of the SNAP account on the database is changed to “dormant”.
3. The cardholder still has access to their benefits on their “dormant” account; credits (i.e. new benefit adds and returns) are allowed on “dormant” accounts.

If inactivity continues on this account, the State will **not** receive a record every day. The next notification the State will receive for this account will be when a benefit has reached **365 days** of inactivity.

When a **benefit** has reached **365 days** of inactivity (i.e., the expungement status), the

## **Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats**

following will occur:

1. The State will receive a record in the Benefit Aging File identifying each benefit authorization (Document ID) that reaches the expungement timeframe. Detail records in the Benefit Aging File for expunged benefits will contain a record for each Benefit Authorization expunged. The Benefit Authorization number (Document ID) will be included within the expungement records.
2. The Benefit Authorization will be expunged/removed from the Vendor's system.
3. The outstanding liability on the database will be lowered by the amount of the expungement.
4. The State will receive a record in the Daily Activity File identifying the expungement.
5. If there are other benefit authorizations within the account, each benefit authorization will remain in an "inactive" status until it reaches the expungement timeframe. If a recipient is eligible for benefits after a benefit authorization has been expunged from the Vendor's system, the State will send a new benefit authorization in the Benefit Maintenance File.

**Note: Expungement is determined by, and effects benefits at, the benefit authorization level. This differs from the Dormant (90 days) period, which is determined by the oldest benefit authorization within the account.**

### **Daily Activity File**

The following is a description of the Daily Activity File (DAF) format for reporting financial account activity information to the State. The file layout will consist of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.



## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Daily Activity File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“ <b>HD</b> ”	M
2.	003-006	Client Number	4	X	“ <b>4333</b> ”	M
3.	007-012	Batch ID	6	X	“ <b>MSACTV</b> ”	M
4.	013-020	File Create Date	8	9	CCYYMMDD	M
5.	021-026	File Create Time	6	9	HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	Increment by one for each file sent.	M
7.	033-237	Filler	211	X	Spaces	I

*Record Length = 237*

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Daily Activity File Detail Record

#	Position	Description	Length	Type	Comments	M/C/O/ I
1.	001-002	Record Type	2	X	“DT”	M
2.	003-014	Case Number	12	X	State case number	C <sup>1</sup>
3.	015-030	Cardholder Number	16	9	Card used for transaction	M
4.	031-032	Primary/Alternate Indicator	2	X	“01”, “02”, “03”, “04”	M
5.	033-038	County Code	6	X	Eligibility office number	M
6.	039-040	Program Type	2	X	“FS” – SNAP	M
7.	041-044	Transaction Code	4	9	See Table Below	M
8.	045-052	Transaction Date	8	9	CCYYMMDD – Trans Log Date	M
9.	053-058	Transaction Time	6	9	HHMMSS – Transaction Log Time	M
10.	059-062	Benefit Type	4	X	“FS” – SNAP Benefit	M
11.	063-063	Credit/Debit Indicator	1	X	“C” = Credit “D” = Debit	M
12.	064-069	Host Approval Code	6	9	Approval Code generated by the host for the transaction.	C <sup>1</sup>
13.	070-076	Transaction Amount	7	9(5)v99	Amount of transaction.	C <sup>1</sup>
14.	077-083	Completed Amount	7	9(5)v99	Completed amount of transaction impacting this Benefit Document ID.	M
15.	084-090	Remaining Balance on Benefit Document ID Number	7	9(5)v99	Amount of funds available on authorization after transaction.	M
16.	091-099	Benefit Document ID Number	9	X	State generated unique number	M
17.	100-105	Benefit Month	6	9	Benefit Month of benefit auth.	M
18.	106-113	Settlement Date	8	9	CCYYMMDD – Posting day for transaction. Matches switch day cutoff.	M
19.	114-120	FNS Number	7	9	Only included on SNAP transactions.	C <sup>1</sup>
20.	121-135	Terminal ID (POS/ATM)	15	X	Terminal where the transaction occurred.	C <sup>1</sup>
21.	136-155	Merchant Name	20	X	Where the transaction occurred.	C <sup>1</sup>
22.	156-178	Merchant Address	23	X	Where the transaction occurred.	C <sup>1</sup>
23.	179-191	Merchant City	13	X	Where the transaction occurred.	C <sup>1</sup>
24.	192-193	Merchant State	2	X	Where the transaction occurred.	C <sup>1</sup>
25.	194-195	Merchant Country	2	X	Where the transaction occurred.	C <sup>1</sup>
26.	196-197	Card Entry (Manual or Swiped)	2	X	“00” = Not a card swipe transaction “01” = Manually Keyed PAN “02” = Card Swiped in Terminal	C <sup>1</sup>
27.	198-233	Cardholder Name	36	X	Cardholder Name	I
28.	234-237	Filler	4	X	Spaces	I

*Record Length = 237*

<sup>1</sup> Conditional data elements are driven by the Transaction Code in the record. For example, a Benefit Load transaction would not include an FNS Number.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Daily Activity File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“TD”	M
2.	003-008	Batch ID	6	X	Shall match header	M
3.	009-017	Total Detail Records	9	9	Total Number of Detail Records	M
4.	018-027	Total Credits	10	9(8)V99	Total dollar value of Credits	M
5.	028-037	Total Debits	10	9(8)V99	Total dollar value of Debits	M
6.	038-237	Filler	200	X	Spaces	I

*Record Length = 237*

### Daily Activity File Processing Rules

Every calendar day, the Vendor will make available to the State (via a SFTP Server at its data center) an activity file that contains the details of all approved posted transactions that affect the outstanding liability on the database. This includes transactions such as settling financial transactions and non-settling benefit authorizations. Each file contains activity that occurred during the settlement day, 2:30 P.M. Central Time to 2:30 P.M. Central Time. The activity file will be based on transactions at the benefit authorization (document ID) level. In other words, if a transaction is applied against more than one benefit authorization, there will be more than one detail record in the Daily Activity File for that transaction. The file will be sorted by case number then transaction date and time.

This file will provide the State the means of developing ad hoc reports, posting EBT transactions the State’s Eligibility System and performing reconciliation activities to validate settlement totals provided by the Vendor.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Daily Activity File Transaction Codes

The following table identifies the valid Transaction Codes for field Number 7 of the Daily Activity File (DAF) and the description of each. Also included is an indicator of the type of transaction – Debit (DR) or Credit (CR).

Transaction Code	Description	DB/CR	Effect on State and Vendor Liability		Effect on State Settlement		Effect on AMA
<b>0601</b>	SNAP Purchase	DB	subtract		add		subtract
<b>0606</b>	SNAP Settling Debit Adjustment	CR	add		subtract		add
<b>0609</b>	SNAP Return	CR	add		subtract		add
<b>0610</b>	SNAP Settling Credit Adjustment	DB	subtract		add		subtract
<b>0616</b>	SNAP Void Last Debit	DB	subtract		add		subtract
<b>0617</b>	SNAP Expungement	DB	subtract		N/A		subtract
<b>0618</b>	SNAP Voucher Purchase Authorization - Approval	N/A	N/A		N/A		N/A
<b>0619</b>	SNAP Voucher Purchase Settlement	DB	subtract		add		subtract
<b>0620</b>	SNAP Void Last Credit	CR	add		subtract		add
<b>0621</b>	SNAP Repayment - Admin	DB	subtract		N/A		subtract
<b>0623</b>	SNAP Repayment - Batch	DB	subtract		N/A		subtract
<b>0624</b>	SNAP Purchase Reversal	CR	add		subtract		add
<b>0625</b>	SNAP Return Reversal	DB	subtract		add		subtract
<b>0636</b>	SNAP VRU Voucher Purchase Authorization - Approval	N/A	N/A		N/A		N/A
<b>0638</b>	SNAP Voucher Return (POS)	CR	add		subtract		add
<b>1000</b>	SNAP Benefit Funding - Batch (Credit)	CR	add		N/A		add
<b>1001</b>	SNAP Benefit Funding - Admin (Credit)	CR	add		N/A		add
<b>1002</b>	SNAP Cancel Authorization	DB	subtract		N/A		subtract
<b>1003</b>	SNAP Voucher Purchase - Admin	DB	subtract		add		subtract
<b>1004</b>	SNAP Voucher Return Authorization - Expire	N/A	N/A		N/A		N/A
<b>1008</b>	SNAP Voucher Purchase Authorization - Expire	N/A	N/A		N/A		N/A

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Report File

Each day the State will receive two report file(s): (1) containing the daily settlement (cutoff) reports; and (2) containing the daily calendar day reports. Once a month, the State will receive a file containing the monthly reports. The monthly reports will run on the first day of the next month and will be delivered to the State by Noon Central Time for processing.

The reports in the Reports File will contain a standard header and trailer record between reports as this will allow the State to easily identify the reports within the file and breakout or distribute appropriately. Each report within the file will have a unique report ID included in the header to identify the report. These report IDs should be included in the Detail Design Document. This section is not intended to detail the reports that will be generated for the State of Mississippi. This will occur through the development of the Detail Design Document.

### Adjustment Activity File

The following is a description of the Adjustment Activity File format. The file layout consists of a header record, followed by multiple detail records, followed by a trailer record. All alpha-numeric fields will be left-justified and right space-filled.

#### Adjustment Activity Header Record

	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“AH”	M
2.	003-006	Client Number	4	X	“4333” – Client Number for Mississippi	M
3.	007-012	Batch ID	6	X	“MSADJA”	M
4.	013-020	Date	8	9	CCYYMMDD	M
5.	021-026	Time	6	9	HHMMSS	M
6.	027-032	Batch Sequence Number	6	9	Increment with each file sent.	M
7.	033-250	Filler	218	X	Spaces	I

*Record Length – 250*

#### Adjustment Activity Detail Record

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

#	Position	Description	Length	Type	Comments	M/C/O/I
1.	1-2	Record Type	2	X	“AD”	M
2.	3-14	Case Number	12	X	State case number	M
3.	15-50	Case Primary Name	36	X	Name of Primary Individual in the Case.	M
4.	51-86	Cardholder Name	36	X	Name of cardholder that performed transaction.	M
5.	87-92	County Code	6	X	Eligibility office number	M
6.	93-94	Program Type	2	X	“FS” – SNAP	M
7.	95-104	Claim Tracking Number	10	9	tracking number assigned to claim by vendor system	M
8.	105-113	Transaction Date	8	9	CCYYMMDD – Trans Log Date	C
9.	114-118	Transaction Time	6	9	HHMMSS – Transaction Log Time	C
10.	119-122	Benefit Type	4	X	“FOOD” – SNAP Benefit	C
11.	123	Credit/Debit Indicator	1	X	“C” = Credit “D” = Debit Adjustment	M
12.	124-130	Transaction Amount	7	9(5)v99	Amount of original transaction.	C
13.	131-137	Claim Amount	7	9(5)v99	Amount of the Claim	M
14.	138-140	Reason Code (Dispute Type)	3	X	Reason for Claim: ERT – Retailer Initiated ECH – Cardholder Initiated	M
15.	141-148	Date of Claim	8	9	MMDDCCYY - Date claim was initiated	M
16.	149	Claim Status	1	X	Status of claim: N – New A – Approved D – Denied H – Fair Hearing Requested Calculation based on dispute type activity.	M
17.	146-157	Claim Status Date	8	9	Date of claim status change	M
18.	158-164	FNS Number	7	9	Only included on SNAP transactions.	C
19.	165-179	Terminal ID (POS)	15	X	Terminal where the transaction occurred.	C
20.	180-199	Merchant Name	20	X	Where the transaction occurred.	C
21.	200-219	Merchant City	20	X	Where the transaction occurred.	C
22.	220-221	Merchant State	2	X	Where the transaction occurred.	C
23.	222-230	Merchant Zip	9	X	Where the transaction occurred.	C
24.	231-250	Filler	20	X	Spaces	I

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

*Record Length – 250*

### Adjustment Activity Trailer Record

	Position	Description	Length	Type	Comments	M/C/O/I
1.	001-002	Record Type	2	X	“AT”	M
2.	003-008	Batch ID	6	X	Shall match header	M
3.	009-017	Total Detail Records	9	9	Total Number of Detail Records	M
4.	018-027	Total Credits	10	9(8)V 99	Total dollar value of Credits	M
5.	028-037	Total Debits	10	9(8)V 99	Total dollar value of Debits	M
6.	038-250	Filler	213	X	Spaces	I

*Record Length – 250*

### Adjustment File Processing Rules

The Adjustment Activity File will be made available to the State on a daily basis to enable the State to process recipient notifications and track adjustment activity. This file is intended to provide information on key activities in the claim process. The actions taken as described in this section against a claim will trigger records to be written to the Adjustment Activity File. Records are written out to the Adjustment Activity based on any actions taken on the Vendor’s system, either via the Adjustment screens or by the system, to the status of an adjustment claim.

The following table provides further details on the claim statuses. The claim statuses are from the recipient’s perspective.

Claim Status	Description
N – New	Initial Status of all Claim requests.
A – Approved	Status to identify the result of a Fair Hearing AND when the retailer accepts the recipient-initiated adjustment.
D – Denied	Status to identify the result of a Fair Hearing AND when the retailer rejects the recipient-initiated adjustment; cardholder has option then to request fair hearing through the State.
H – Fair Hearing Requested	Indicates a Fair Hearing has been requested regarding the claim.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

### Benefit Types

The following table identifies the Benefit Types for the State of Mississippi:

Benefit Program	Benefit Type	Funding Source	Description
FS	FOOD	Federal	SNAP

### Data Element Descriptions

The following section provides a description of the data elements in the interface files between the State and the Vendor. The data elements are in alphabetical order and identify the record and field number where they can be found.

Data Element	Element in Record:	Field #	Length	Data Type	Description
<b>Account Balance</b>	Benefit Aging Detail	6	7	9(5)V99	Contains the remaining available balance for the benefit type for Aging Indicators: “02” – Inactive – 90 days Contains the remaining balance in the Benefit Document ID Number being identified in the detail record for Aging Indicator: “03” – Expungement – 365 days
<b>Action Code</b>	Account Maintenance Detail Benefit Maintenance Detail	2 2	2	X	Identifies the action to be taken for the detail record. Valid Values are: <u>Account Maintenance Detail</u> “01” – Account Set-up “02” – Account Update “03” – Access Update “04” – Deactivate <u>Benefit Maintenance Detail</u> “01” – Benefit Add “02” – Benefit Cancel “03” – Benefit Repayment
<b>Aging Indicator</b>	Benefit Aging Detail	2	2	X	Identifies the type of notification for cardholder inactivity for the aging record. <u>Valid Values are:</u> “02” – Inactive – 90 days “03” – Expungement – 365 days
<b>Amount of Adds</b>	Benefit Maintenance Trailer	6	10	9(8)V99	The sum of the Benefit Add detail records in the file.
<b>Amount of Cancels</b>	Benefit Maintenance Trailer	7	10	9(8)V99	The sum of the Benefit Cancel detail records in the file.



## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
<b>Batch ID</b>	Account Maintenance Header	3	6	X	Identifies the type of batch file being processed. Valid Values are:  <u>Account Maintenance File</u> “MSDLYA”- Daily Account Maintenance <u>Benefit Maintenance File</u> “MSDLYF”- Daily SNAP Benefit File “MSMONF” – Monthly SNAP Benefit File <u>Benefit Aging File</u> “MSAGE” – Benefit Aging File <u>Daily Activity File</u> “MSACTV” – Daily Activity File
	Account Maintenance Trailer	2			
	Benefit Maintenance Header	3			
	Benefit Maintenance Trailer	2			
	Benefit Aging Header	3			
	Benefit Aging Trailer	2			
	Daily Activity Header	3			
	Daily Activity Trailer	2			
<b>Batch Sequence Number</b>	Account Maintenance Header	6	9	X	
	Benefit Maintenance Header	6			
	Benefit Aging Header	6			
	Daily Activity Header	6			
<b>Benefit Amount</b>	Benefit Maintenance Detail	5	7	9(5)V99	This is the benefit amount the State is authorizing for the recipient for a particular Benefit Document ID Number.
<b>Benefit Available Date</b>	Benefit Maintenance Detail	7	8	9	Date set by the State indicating when the benefit should be made available to the recipient. Date in CCYYMMDD format.
<b>Benefit Document ID Number</b>	Benefit Maintenance Detail	6	9	X	Sometimes referred to as the “Benefit Authorization Number”. This is a number that is generated by the State’s system. The number shall be unique for each benefit added to the Vendor’s system regardless of benefit type. This number will be edited against the database during batch processing to ensure that no duplicate authorizations are being posted.
	Benefit Aging Detail	7			
	Daily Activity Detail	15			
<b>Benefit Month</b>	Benefit Maintenance Detail	8	6	9	Identified by the State, the Benefit Month indicates the month with which the Benefit Document ID Number is associated. Date in CCYYMM format. For example, if on August 30, 2011 the State has determined that a recipient should have received benefits for June, the State could send a benefit record with an available date of 20110830 and a Benefit Month of 201106.
	Daily Activity Detail	16			

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
Benefit Type	Benefit Maintenance Detail	4	4	X	Identifies the type of Benefits being affected by the activity. <u>Valid Values are:</u> “FS” – SNAP
	Benefit Aging Detail	3			
	Daily Activity Detail	10			
Card Entry (Manual or Swiped)	Daily Activity Detail	22	2	X	Identifies the method by which the PAN was entered into the POS device. <u>Valid values are:</u> “01” = Manually Keyed PAN “02” = Card Swiped in Terminal
Card Issuance Indicator	Account Maintenance Detail	18	1	X	Set by the State; identifies if a card should be issued. <u>Valid values are:</u> “0” – Do Not Issue Card “1” – Issue Card “2” – Auto Card Replace
Cardholder Access	Account Maintenance Detail	5	2	X	Set by the State. Identifies what benefits on a case the cardholder can access. <u>Valid values are:</u> “00” – No SNAP Access “01” – SNAP Access
Cardholder Number	Daily Activity Detail	3	16	9	The PAN that performed the transaction.
Case Number	Account Maintenance Detail	3	12	X	State generated case number.
	Benefit Maintenance Detail	3			
	Benefit Aging Detail	4			
	Daily Activity Detail	2			
Case Worker ID	Account Maintenance Detail	17	12	X	Identifies the Case Worker assigned to the case.
City	Account Maintenance Detail	12	19	X	Recipient’s mailing address – City.
Client Number	Account Maintenance Header	2	4	X	<u>Valid value is:</u> “4333” – State of Mississippi
	Benefit Maintenance Header	2			
	Benefit Aging Header	2			
	Daily Activity Header	2			
Completed Amount	Daily Activity Detail	13	7	9(5)v99	Amount of the “Transaction Amount” that impact the Benefit Document ID Number identified in this record. If one (1) transaction affected multiple Benefit Document ID Numbers, the State will receive multiple details records for that transaction.
County Code	Account Maintenance Detail	15	6	X	The County Code associated with the case.
	Benefit Maintenance Detail	9			

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
	Benefit Aging Detail	8			
	Daily Activity Detail	5			
<b>Credit/Debit Indicator</b>	Daily Activity Detail	11	1	X	Indicates if the activity against the EBT Account was a debit (-) or a credit (+).
<b>Date-of-Birth</b>	Account Maintenance Detail	16	8	9	Recipient's/Cardholder's Date-of-Birth. Format CCYYMMDD
<b>Event Identifier</b>	Account Maintenance Detail	24	7	9	The event identifier is assigned by the Vendor's system for each unique Disaster Event; DSNAP accounts only.
<b>File Create Date</b>	Account Maintenance Header	4	8	9	Date the file was created. Date format CCYYMMDD.
	Benefit Maintenance Header	4			
	Benefit Aging Header	4			
	Daily Activity Header	4			
<b>File Create Time</b>	Account Maintenance Header	5	6	9	Time the file was created. Time format HHMMSS.
	Benefit Maintenance Header	5			
	Benefit Aging Header	5			
	Daily Activity Header	5			
<b>First Name</b>	Account Maintenance Detail	7	15	X	Recipient's/Cardholder's First Name.
<b>FNS Number</b>	Daily Activity Detail	18	7	9	Food and Nutrition Service (FNS) number assigned to SNAP Authorized retailer where the SNAP transaction occurred.
<b>Host Approval Code</b>	Daily Activity Detail	12	6	9	The approval code assigned by the host for each approved transaction.
<b>Household Size</b>	Account Maintenance Detail	22	2	9	Household Size of the EBT Account.
<b>Language Code</b>	Account Maintenance Detail	19	3	X	Primary language of the recipient/cardholder. <u>Valid value is:</u> "ENG" – English
<b>Last Debit Date</b>	Benefit Aging Detail	5	8	9	Last date that debit activity occurred against a benefit for benefit aging purposes.
<b>Last Name</b>	Account Maintenance Detail	9	20	X	Recipient's/Cardholder's Last Name.
<b>Merchant Location</b>	Daily Activity Detail	21	40	X	The location where the transaction occurred. Taken from what is sent in the ISO message.
<b>Merchant Name</b>	Daily Activity Detail	20	20	X	The name of the merchant where the POS terminal is located. Taken from what is sent in the ISO message.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
<b>MS Database Locator</b>	Account Maintenance Detail Daily Activity Detail	21 24	2	X	MS Custom Data – Identifies the State system database where the account resides.
<b>Middle Initial</b>	Account Maintenance Detail	8	1	X	Recipient's/Cardholder's Middle Initial.
<b>Number of Access Updates</b>	Account Maintenance Trailer	6	9	9	Count of Access Update Detail records in the Account Maintenance File.
<b>Number of Account Set-up Records</b>	Account Maintenance Trailer	4	9	9	Count of Account Set-up Detail records in the Account Maintenance File.
<b>Number of Account Update Records</b>	Account Maintenance Trailer	5	9	9	Count of Account Update Detail records in the Account Maintenance File.
<b>Number of Benefit Adds</b>	Benefit Maintenance Trailer	4	9	9	Count of Benefit Add Detail records in the Benefit Maintenance File.
<b>Number of Benefit Cancels</b>	Benefit Maintenance Trailer	5	9	9	Count of Benefit Cancel Detail records in the Benefit Maintenance File.
<b>Number of Deactivates</b>	Account Maintenance Trailer	7	9	9	Count of Deactivate Detail records in the Account Maintenance File.
<b>Personal Account Number (PAN)</b>	Account Maintenance Detail	24	16	9	Disaster EBT Card's 16-digit PAN assigned to a recipient (DSNAP ONLY).
<b>Primary/Alternate Indicator</b>	Account Maintenance Detail Daily Activity Detail	4 4	2	X	Set by the State. Identifies if the cardholder is a Primary or an Alternate/Secondary cardholder on a case. <u>Valid values are:</u> "01" - Primary "02" - Alternate "03" - Alternate "04" - Alternate
<b>Processing/Posting Date</b>	Daily Activity Detail	18	8	9	Format CCYYMMDD – Posting day for transaction. Matches switch day cutoff.
<b>Program Type</b>	Daily Activity Detail	6	2	X	Indicates whether the transaction impacting the EBT Account <u>Valid values are:</u> "01" – FS (SNAP)
<b>Provider 1</b>	Account Maintenance Detail	20	6	9	Identifies the State of Mississippi for Reporting purposes.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
<b>Record Type</b>	Account Maintenance Header	1	2	X	Identifies the record type.
	Account Maintenance Detail	1			Valid Values are:
	Account Maintenance Trailer	1			<u>Account Maintenance Header</u>
	Benefit Maintenance Header	1			“HA”
	Benefit Maintenance Detail	1			<u>Account Maintenance Detail</u>
	Benefit Maintenance Trailer	1			“DT”
	Benefit Aging Header	1			<u>Account Maintenance Trailer</u>
	Benefit Aging Detail	1			“TA”
	Benefit Aging Trailer	1			<u>Benefit Maintenance Header</u>
	Daily Activity Header	1			“HB”
	Daily Activity Detail	1			<u>Benefit Maintenance Detail</u>
	Daily Activity Trailer	1			“DT”
					<u>Benefit Maintenance Trailer</u>
					“TB”
<b>Remaining Balance on Benefit Document ID Number</b>	Daily Activity Detail	14	7	9(5)v99	Amount of funds available on the affected Benefit Document ID Number after the transaction.
<b>SSN (Social Security Number)</b>	Account Maintenance Detail	6	9	9	Recipient’s/Cardholder’s Social Security Number (SSN).
<b>State</b>	Account Maintenance Detail	13	3	X	Recipient’s mailing address – State.
<b>Street Address 1</b>	Account Maintenance Detail	10	40	X	Recipient’s mailing address – Street Address 1.
<b>Street Address 2</b>	Account Maintenance Detail	11	40	X	Recipient’s mailing address – Street Address 2.
<b>Terminal ID (POS/ATM)</b>	Daily Activity Detail	19	15	X	A unique code identifying a terminal at the card acceptor location. Taken from what is sent in the ISO message.

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

Data Element	Element in Record:	Field #	Length	Data Type	Description
<b>Total Aging 01 Indicator</b>	Benefit Aging Detail	4	6	9	Count of detail records in Benefit Aging File with “01” Aging Indicator
<b>Total Aging 02 Indicator</b>	Benefit Aging Detail	5	6	9	Count of detail records in Benefit Aging File with “02” Aging Indicator
<b>Total Aging 03 Indicator</b>	Benefit Aging Detail	6	6	9	Count of detail records in Benefit Aging File with “03” Aging Indicator
<b>Total Amount of Expunged Benefits</b>	Benefit Aging Detail	7	10	9(8)v99	Amount of detail records with “03” Aging Indicator
<b>Total Credits</b>	Daily Activity Detail	4	10	9(8)v99	Sum of the credit transactions in the Daily Activity Detail Records.
<b>Total Debits</b>	Daily Activity Detail	5	10	9(8)v99	Sum of the debit transactions in the Daily Activity Detail Records.
<b>Total Detail Records</b>	Account Maintenance Trailer Benefit Maintenance Trailer Benefit Aging Trailer Daily Activity Trailer	3 3 3 3	6	9	Count of the detail records in the file.
<b>Transaction Amount</b>	Daily Activity Detail	12	7	9(5)v99	The requested amount of the transaction.
<b>Transaction Date</b>	Daily Activity Detail	8	8	9	Date that the transaction occurred. Date format CCYYMMDD.
<b>Transaction Time</b>	Daily Activity Detail	9	6	9	Time that the transaction occurred. Time format HHMMSS.
<b>Transaction Code</b>	Daily Activity Detail	7	4	9	Identifies the type of transaction included in the detail record.
<b>Zip</b>	Account Maintenance Detail	14	9	9	Recipient’s mailing address – Zip.

### Cardholder Reconciliation File

A Cardholder Reconciliation Process will be performed by the State based on the following data being provided by the Vendor on a monthly basis:

### Cardholder Reconciliation File Header Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“CA”	M
2	003-006	Client Number	4	X	“4333” – Client Number for	M

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

#	Position	Description	Length	Type	Comments	M/C/O/I
					Mississippi –	
3	007-012	Batch ID	6	X	“ <b>MSCARD</b> ”- Monthly Cardholder Reconciliation File	M
4	013-020	File Create Date	8	9	CCYYMMDD	M
5	021-026	File Create Time	6	9	HHMMSS	M
6	027-211	Filler	185	X	Spaces	I

### Cardholder Reconciliation File Detail Record

#	Name	Type	Length	Start	End	Comments
1	Account Case Number	9	9	1	9	
2	Account Case Status	9	1	10	10	Active/Open=1; Expunged=5
3	Cardholder PAN	9	16	11	26	
4	Cardholder PAN Status	9	1	27	27	Active/Enabled=1; Inactive/Disabled=2
5	Cardholder PAN PIN Status	X	1	28	28	Card PIN'd=Y; Card NOT PIN'd=N
6	Cardholder PAN Issue Date	9	8	29	36	CCYYMMDD
7	Cardholder Type	9	1	37	37	Primary=1; Secondary One=2; Secondary Two=3; Secondary Three=4
8	Cardholder FS Access	X	1	38	38	Y=Yes; N=No
9	Cardholder Cash Access	X	1	39	39	Y=Yes; N=No
10	Cardholder First Name	X	15	40	54	
11	Cardholder Middle Initial	X	1	55	55	
12	Cardholder Last Name	X	20	56	75	
13	Cardholder SSN	9	9	76	84	
14	Cardholder Birth Date	9	8	85	92	CCYYMMDD
15	Account County Code	9	3	93	95	
16	Account Worker ID	9	6	96	101	
17	Account Address #1	X	40	102	141	
18	Account Address #2	X	40	142	181	
19	Account City	X	19	182	200	
20	Account State	X	2	201	202	

## Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats

#	Name	Type	Length	Start	End	Comments
21	Account Zip	9	9	203	211	

### Cardholder Reconciliation File Trailer Record

#	Position	Description	Length	Type	Comments	M/C/O/I
1	001-002	Record Type	2	X	“CT”	M
2	003-008	Batch ID	6	X	Shall match header	M
3	009-017	Total Detail Records	9	9	Total Number of Detail Records	M
4	018-211	Filler	194	X	Spaces	I



## **Exhibit SNAP-8: MDHS EBT SNAP-DSNAP Interface File Formats**

### **Cardholder Reconciliation File Processing Rules**

The Cardholder Reconciliation File will be processed on a monthly basis. The following requirements apply to this file:

- Include **only** the current Personal Account Number (PAN) for each cardholder associated with an Account Case Number (e.g., the file should contain one record per cardholder), regardless of PAN status as long as the PAN is associated with the EBT Account;
- Initialize alpha data elements with “spaces” and Numeric data elements with “zeros” in the absence of data; and
- Create the Cardholder Reconciliation File after the Account Maintenance File from the State has been processed on the last day of each month.

### **Account Management Agent (AMA) File**

See Exhibit SNAP-9 – USDA FNS Interface File Formats.

### **Store Tracking and Redemption Subsystem (STARS) File**

See Exhibit SNAP-9 – USDA FNS Interface File Formats.