

Revised ALERT EBT Submission File Specifications v02.00 (2017)

United States Department of Agriculture (USDA)

Food and Nutrition Services (FNS)

**Anti-Fraud Locator using Electronic Benefits
Transfer Retailer Transactions (ALERT)**



**ALERT EBT
Submission File Specifications
v 2.00**

**Document Version 1.4
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Revised ALERT EBT Submission File Specifications v02.00 (2017)

REVISION HISTORY

Date	Document Version #	Summary of Changes
03/07/2016	1.0	Initial Submittal of Submission File Specifications v02.00
11/21/2016	1.1	Changed Transaction Method values
01/30/2017	1.2	<ul style="list-style-type: none">• Changed field references in Header/Trailer Example (section 5.1)• Corrected example in Comment column of Available Balance Prior to Transaction (section 6)• Added note that "S7 is a new code (App A Table 1)• Updated Processor Code from Xerox to Conduent.• Finalized this version of the document for use with EBT processors. Updated document date and removed Draft watermark.
4/5/2017	1.3	<ul style="list-style-type: none">• Corrected EBT Card Number bit reference from 3 to 2 "X9.58 bit 2 pass-through for POS transactions" (Section 6)
5/16/17	1.4	<ul style="list-style-type: none">• Clarified the following descriptions: POS Terminal ID – comments section Transaction Type – updated code 53 Approval Code – clarified Voucher definitions

Revised ALERT EBT Submission File Specifications v02.00 (2017)

1. Introduction	4
2. Background	4
2.1. Food Nutrition Services (FNS)	4
2.2. The ALERT System	4
3. Compressed Files	4
4. State Submission Files	5
4.1. Submission File Record Sequence	7
4.2. Submission File Record Content – Benefit Type	7
4.3. Submission File Record Content – Date Range	8
5. EBT Submission Header and Trailer Record Specification	8
5.1. Header/Trailer Record Contextual Requirements	9
6. EBT Transaction Record Specification	10
Appendix A: Valid Codes	21
Table 1 – Valid Response Code Combinations	21
Table 2 – Valid Terminal Type Codes	23
Table 3 – Valid Merchant Type Codes	24

Revised ALERT EBT Submission File Specifications v02.00 (2017)

1. Introduction

The U.S. Department of Agriculture, Food and Nutrition Service, Supplemental Nutrition Assistance Program (SNAP) Retailer Administration Branch (RAB) is responsible for the management and maintenance of the Anti-fraud Locator using Electronic Benefits Transfer (EBT) Retailer Transactions (ALERT) system. This document details the Version 2.0 data specifications for the EBT daily transaction files submitted by the EBT Processors.

2. Background

2.1. Food Nutrition Services (FNS)

The USDA Food and Nutrition Service (FNS) administers the nutrition assistance programs of the U.S. Department of Agriculture. The mission of FNS is to provide children and needy families better access to food and a more healthful diet through its food assistance programs and comprehensive nutrition education efforts. In addition to providing access to nutritious food, FNS also works to empower program participants with knowledge of the link between diet and health.

2.2. The ALERT System

The Anti-fraud Locator using Electronic Benefits Transfer (EBT) Retailer Transactions (ALERT) System is a fraud detection, decision support system designed to monitor and track electronically conducted transactions completed by SNAP recipients in authorized meal program and food retailer locations. The ALERT System facilitates management of the program by providing transaction-level information to Federal personnel charged with the responsibility of SNAP retailer management and compliance activities.

3. Compressed Files

For each daily submission, the Processor will submit one compressed file containing all state submission files the processor is responsible for and formatted as follows:

1. File format: ZIP
2. ASCII Encoded
3. File Naming Standards:

<EBT Processor Code>_CCYYMMDD[R#].ZIP

Code Symbol	Code Description	Comments
<EBT Processor Code>	Code of Processor sending submissions (see header record specification for values).	Code used here must match Header/Trailer value of all files in the compressed ZIP file
CCYY	Four digit year	

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Code Symbol	Code Description	Comments
MM	Two Digit Month with leading zeroes (01 – 12)	
DD	Two digit Day with leading zeroes (01 – 31)	
[R#]	Replacement Indicator, where # = a sequential numeric value for each replacement (1 – 9)	Mandatory when the file is a replacement for a previously provided submission file – Not used for original submission

Examples:

XYZ_20160901.ZIP

XYZ_20160901R1.ZIP (*Example of replacement compressed file*)

File contents will consist of all recipient state file submissions generated by the EBT processor.

Examples:

ABC_20160109.ZIP would contain the following:

DC20160109v02.00.DAT (*Version 2.00 data format*)

MD20160109v01.00.DAT (*Version 1.00 data format*)

:

VA20160109v02.00.DAT (*Version 2.00 data format*)

ABC_20160109R1.ZIP would contain only the state files being re-submitted:

VA20160109v02.00R1.DAT (*Revised submission of VA201600109v02.00.DAT*)

4. State Submission Files

The compressed file will contain the state submission files from the processor.

1. File Format: Fixed Record Length; Fixed Column width; records Delimited by Carriage Return (Hex "0D") Linefeed (Hex "0A") characters
2. ASCII Encoded
3. File Naming Standards:

<Recipient State><CCYYMMDD>v<##,###>[R#].DAT

Code Symbol	Code Description	Comments
<Recipient State>	State Abbreviation of State, Territory, or District of	

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Code Symbol	Code Description	Comments
	Columbia	
CCYY	Four digit year	
MM	Two Digit Month with leading zeroes (01 – 12)	
DD	Two digit Day with leading zeroes (01 – 31)	
v###.##	Version number of Submission file	
R#	Replacement Indicator, where # = a sequential numeric value for each replacement (1 – 9)	Mandatory when the file is a replacement for a previously provided submission file – Not used for original submission

Examples:

MD20160109v02.00.DAT

PA20160109v01.00.DAT

VA20160109v02.00R1.DAT (*Example of replacement submission file*)

NY20160109v01.00R1.DAT (*Example of replacement submission file*)

Revised ALERT EBT Submission File Specifications v02.00 (2017)

4.1. Submission File Record Sequence

Header Record
 Detail Transaction Record 1
 Detail Transaction Record 2
 Detail Transaction Record 3
 :
 :
 :
 Detail Transaction Record n
Trailer Record

4.2. Submission File Record Content – Benefit Type

The Food and Nutrition Act of 2008 (the Act) provides authority to the Food and Nutrition Service to disqualify retailers for a variety of offenses described therein. However, the only transactions which may be considered in making disqualification decisions are those authorized by the Act, namely those funded through either the Federal or State SNAP Programs. Programs funded by any other sources and/or legislation may not be considered in those decisions. Therefore it is essential to filter out such benefit transactions from the ALERT file, and if that is not possible, identify such transactions so that FNS can filter them. EBT processors should:

1. Include the following benefit transaction types in the ALERT file and code them as 00-Program Type = SNAP:
 - a. All Federal SNAP benefits funded through the federal SNAP LOC, including those issued for disasters and undercover investigators.
 - b. All State SNAP Program benefits, regardless of whether they are funded through the FNS SNAP LOC or a State-owned account.
2. Filter out, or specially code, all other Non-SNAP benefit transaction types, including those funded through other FNS programs (e.g., Child Nutrition Program for Summer Feeding and Childhood Hunger projects) as well as those funded by other government or non-government entities:
 - a. If Non-SNAP benefits are all maintained in separate accounts from SNAP benefits, those accounts should be ignored while when creating the ALERT file.
 - b. If some or all Non-SNAP benefits are maintained in the same accounts as SNAP benefits, code all transactions in accordance with instructions in the [Detail Record specification chart](#).

Revised ALERT EBT Submission File Specifications v02.00 (2017)

4.3. Submission File Record Content – Date Range

While the individual records in the submission file shall show the date and time that the reported transaction occurred in the EBT processor's host system (converted to Greenwich Mean Time), the file for each given reporting day will contain only those records which meet the following conditions:

1. For all settling transactions, the file shall contain those transactions that were credited to or debited from the retailer during the switch settlement day reported in the submission file header record. As a result, the total value of all of the settling transactions, as reported in the Completed Transaction Amount field, should¹ match to the value of both:
 - a. The Daily Total Record (Record Identifier = "C") reported in the STARS Net Retailer Credit (NRC) file for the same settlement date.
 - b. The amount of funds drawn from the FNS LOC for the same settlement date.
2. For non-settling transactions (i.e., balance inquiries, voucher authorizations and voucher expirations), the file shall contain those transactions for which the host system date and time fall within the switch settlement day period reported in the submission file header record (this will depend on the EBT processor's switch cutoff time for the State).

5. EBT Submission Header and Trailer Record Specification

Description	Start Pos	Len	Type	Comments	Update Status
Recipient State	1	2	Alpha	Alphabetic Abbreviation (e.g., VA) of state providing benefits to enclosed households	No Change
Settlement Date	3	8	Date	Date that retailer will be paid; CCYYMMDD format	New
Number of transactions included	11	9	Numeric	Number of transaction records included (does not include header/trailer records in count). "Header Record" may contain a value of zero, but Trailer Record MUST contain valid count	No Change
EBT Processor Code	20	3	Alphanumeric	FIS - Fidelity National Information Services JPM - JP Morgan Electronic Financial Services SOL - Solutran CON - Conduent	New – changed from Vendor Name
File generation date	23	8	Date	Date file generated in CCYYMMDD format	No Change

¹ Variances may result for States where the EBT Food account includes other non-SNAP benefits and/or run a State SNAP program for which funds are drawn directly from a State-owned account rather than the FNS LOC.

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos	Len	Type	Comments	Update Status
File Version	31	5	Numeric	Major version of the data file format; should match version number of submission file name value "##.##"; required	New
Record Delimiter	36	2	CrLf	Carriage Return ASCII Hex Value 0D Linefeed ASCII Hex Value 0A	No Change

5.1. Header/Trailer Record Contextual Requirements

1. Header Record must be first record in submission file
2. Trailer Record must be last record in submission file
3. Trailer Record must have the number of transactions enclosed in submission file (count does not include number of Header/Trailer Records)
4. Example (Daily Submission Header and Trailer):

Description	Value
Recipient State	DC
Settlement Date	20160104
Number of transactions included	012345678 ²
EBT Processor Code	XYZ
File generation date	20160105
File Version	02.00
Record Delimiter	Hex 0D0A

² The Header record may have 000000000 for number of transactions included because total may not be known till the end of the routine.

Revised ALERT EBT Submission File Specifications v02.00 (2017)

6. EBT Transaction Record Specification

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
FNS Retailer ID Number	1	7	Numeric	M for all transactions	X9.58 bit 111-3 (EB) pass-through for POS transactions; EBT system for all others	Valid FNS Number identifying retailer	No change
Retailer State Location	8	2	Alpha (fill with spaces if information not available)	M for POS unless X9 message blank C for all others if data is available in transaction record	X9.58 bit 43-3 pass-through for POS transactions;	State Abbreviation for retailer location	No change
POS Terminal ID	10	8	Alpha-numeric	M for all transactions unless X9 message blank	X9.58 bit 41 pass-through for all POS transactions, including POS voucher clears; EBT system for all others	POS Terminal ID (unique within retailer) For non-POS transactions: ARU – ARU/IVR (e.g. most Voucher Authorizations) BATCH – Transactions entered or created in EBT system by a batch operation, (e.g. Direct Debit, Voucher Expires, some Adjustments) PORTAL – Retailer portal (e.g. voucher clear) ADMIN – for all other transaction types Left justify and pad with	Definition change; new codes

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
						trailing spaces	
State-assigned Client/ Household Number	18	20	Alpha-numeric	M for all transactions	State certification/ EBT system	Unique, consistent, single identifier (preferably client number of head of HH if available, otherwise the case number) assigned by the State's certification system that identifies the household owning the account ³ .	Increased field size; Name and definition change
EBT Card Number	38	19	Alpha-numeric	M for all transactions	X9.58 bit 2 pass-through for POS transactions; EBT system for all others; for adjustments use card number of original transaction; for card replacement fees use new replacement card number	Card number used in transaction. Left justify and pad with trailing spaces	Name and definition change
Host Transaction Date	57	8	Date	M for all transactions	EBT system host value	Host system date transaction completed in CCYYMMDD format (converted by EBT processor to GMT)	Name change
Host Transaction Time	65	6	Time	M for all transactions	EBT system host value	Host system time in HHMMSS 24 hour format (converted by EBT processor to GMT)	Name change

³ During conversions, the new contractor must use the same identifier for each case as the previous contractor. Left justify and pad with trailing spaces

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Requested Transaction Amount	71	7	Numeric	M for all transactions	X9.58 bit 4 inbound value for POS transactions; Amount keyed by retailer or CSR for manual voucher authorization; EBT system for all others	Requested transaction amount in 99999V99 (assumed 2 decimal places) [i.e., 1234567 to represent \$12,345.67]; right justify and pad with leading spaces.	Increased field size; name and definition change.
Transaction Amount Sign	78	1	+ or -	M for all transactions	X9.58 bit 3-1 for POS transaction; EBT system for all others	+ to designate credit to recipient - to designate debit to recipient Ignored (blank space) for balance inquiry type transactions	Name change

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
EBT Program	79	2	Numeric	M for all transactions	State certification/ EBT system - If multiple benefit types (both SNAP and non-SNAP) used for approved transaction, ALERT should contain two transaction records, one coded "03" and the other "04"; all data elements will be the same except EBT Program and Completed Transaction Amount	00 – SNAP 01 – [Reserved] 02 – Non-SNAP* 03 – Partial SNAP 04 – Partial Non-SNAP* Codes 02-04 to be used only for States that mix SNAP and other -Non-SNAP benefits in the same account. NOTE: See Completed Transaction Amount for additional instructions on splitting the value between the two transaction records. * Non-SNAP currently includes Summer Feeding, Childhood Hunger Demo and/or FINI funded benefits, but may be expanded in the future.	FSP changed to SNAP, and existing Non-SNAP EBT codes and definitions added
Transaction Type	81	2	Numeric	M for all transactions	Combination of X9.58 bit 3-1, 111-3 (VN) and EBT system	10 – POS Purchase 20 – POS Refund 30 – System Reversal/Void 40 – Balance Inquiry 51 – Voucher Authorization 52 – Voucher Clear 53 – Voucher Expire/Release 60 – Adjustment 70 – Card Replacement Fee	New codes and definitions added

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Transaction Method	83	1	Numeric	M for all transactions	Combination of X9.58 bit 3-1, 22-1, 22-2, and 111-3 (VN)	0 – Electronic Swipe 1 – Manual/Key Entered 2 – Paper Voucher 3 – RFID/Pay by Touch 4 – Reserved 5 – Internet 6 – Direct Debit Code 2 always used for transaction types 51, 52 and 53	New codes added
Store & Forward Indicator	84	1	Numeric	M for all transactions	Combination of X9.58 bit 39 and 111-3 (SF)	0 – Not a store & forward 1 – Is a store & forward	Codes revised
Response Code	85	2	Alpha-numeric	M for all transactions	X9.58 bit 39 outbound value for POS transactions; EBT system others	Indicator for accepted or rejected transactions (see Table 1 for valid entries)	Enhanced for ANSI X9.58 - 2013; decreased field size from 3
Available Balance Prior to Transaction	87	8	Numeric	M for all transactions	EBT system	Balance amount available to client (ledger value minus holds) in 999999V99 (assumed 2 decimal places) [i.e., 12345678 to represent \$123,456.78; right justify and pad with leading spaces	Increased field size; definition change

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Completed Transaction Amount	95	7	Numeric	M for all transactions	X9.58 bit 4 outbound value** for approved POS transactions; amount authorized by EBT system for manual voucher authorization; EBT system for other non-POS transactions; \$0 for all denied transactions (i.e., Response Code not "00" or "10")	Completed transaction amount in 99999V99 (assumed 2 decimal places) [i.e., 1234567 to represent \$12,345.67]; right justify and pad with leading spaces. **If both SNAP and non-SNAP benefits are used (see EBT Program) the value is split between the two transaction records; the "03" record should contain the subtotal of funds drawn from SNAP benefits and the "04" record the subtotal drawn from non-SNAP benefits. The sum of this value from the two records equals the amount described in the Source column.	New field
Settlement Date	102	8	Date	M for all transactions	X9.58 bit 15 outbound value for approved POS transactions; EBT system for all others	Date when the transaction has been included in the ACH and STARS files for all settling transactions; current switch date for all others, in CCYYMMDD format	New field

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Terminal Type Code	110	2	Numeric	M for POS unless X9 message blank; C for all others if data is available in transaction record	X9.58 bit 58-4 pass-through for POS transactions; EBT system for all others	Code to identify terminal type Position 9-10 of bit 58 (see Table 2 for valid entries)	New field
Merchant Type	112	4	Alpha-numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 18 pass-through for POS transactions; EBT system for all others	Classification of the merchant's type of business product or service (see Table 3 for most common values)	New field
Card Acceptor Name	116	25	Alpha-numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 48 pass-through for POS transactions; EBT system for all others	Name of the retailer where the POS terminal is located (from the transaction message)	New field
Card Acceptor Address	141	23	Alpha-numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 43-1 pass-through for POS-transaction; EBT system for all others	Retailer's street address (from the transaction message)	New field

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Card Acceptor City	164	13	Alpha-numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 43-2 pass-through for POS transactions; EBT system for all others	Retailer's city (from the transaction message)	New field
Card Acceptor ZIP Code	177	9	Numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 43-5 pass-through for POS transactions; EBT system for all others	Retailer's ZIP code and extended zip code (from the transaction message);	New field
Card Acceptor ID	186	15	Alpha-numeric (fill with spaces if information not available)	M for POS transactions unless X9 message blank; C for all others if data is available	X9.58 bit 42 pass-through for POS transactions; EBT system for all others	Code assigned to the retail location by the terminal acquirer	New field
Acquiring Institution Identification Code	201	11	Numeric (fill with spaces if information not available)	M for POS transactions; C for all others if data is available	X9.58 bit 32 pass-through for all original (type 2xx) transactions; X9.58 bit 90-4 pass-through for all reversal (type 4xx) transactions; EBT system for all others	Code assigned to the acquiring financial institution by the American Banking Association	New field

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Forwarding Institution Identification Code	212	11	Numeric (fill with spaces if information not available)	M for POS transactions; C for all others if data is available	X9.58 bit 33 pass-through for all original (type 2xx) transactions; X9.58 bit 90-5 pass-through for all reversal (type 4xx) transactions; EBT system for all others	Code assigned by the EBT processor, or its gateway, to the most recent institution before the gateway forwarding the request to the EBT system	New field
System Trace Audit Number	223	6	Numeric (fill with spaces if information not available)	M for POS transactions unless X9 message is blank; C for all others if data is available	X9.58 bit 11 pass-through for all original (type 2xx) transactions; X9.58 bit 90-2 pass-through for all reversal (type 4xx) transactions; EBT system for all others	Number assigned by the retailer or acquirer to uniquely identify a transaction	New field
Transmission Date/ Time	229	10	Numeric (fill with spaces if information not available)	M for POS transactions; C for all others if data is available	X9.58 bit 7 pass-through for all original (type 2xx) transactions; X9.58 bit 90-3 pass-through for all reversal (type 4xx) transactions; EBT system for all others	Terminal time and date in MMDDHHMMSS format (original value is in GMT)	New field
Local Terminal Date	239	4	Date (fill with spaces if information not available)	M for POS transactions unless X9 message is blank; C for all others if data is available	X9.58 bit 13 pass-through for all POS transactions; EBT system for all others	Date transaction completed in MMDD format (original value is not in GMT)	New field
Local Terminal Time	243	6	Time (fill with spaces if	M for POS transactions unless X9	X9.58 bit 12 pass-through for all POS transactions; EBT system for all others	Time in HHMMSS 24 hour (original value not in GMT)	New field

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
			information not available)	message is blank; C for all others if data is available			
Reversal Reason Code	249	1	Numeric	M for all transactions	If X9.58 bit 60-6 equals "8" code as 2 (Clerk); if bit 60-6 greater than "0" and less than "8" code as 1 (System); code all other POS and non-POS transactions as 0 (Not reversal).	0 - Not a Reversal 1 - System Reversal 2 - Clerk Initiated Reversal (void) NOTE: If Transaction Type equals "30", this field must be coded as 1 or 2; if Transaction Type equals anything but "30", this field must be coded as 0	New field
Approval Code	250	6	Alpha-numeric (fill with spaces if information not available)	M for approved transactions, Voucher Authorizations, Voucher Clears and their Reversals, and Voucher Expires/Releases; O for other transactions	X9.58 bit 38 outbound value for approved POS transactions except for Voucher Clears and their related Reversals	The code assigned by the EBT processor identifying the approval action; for all Voucher related transactions, the approval code assigned to the original Voucher Authorization	New field

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Description	Start Pos.	Len	Type	Required? M-Mandatory C-Conditional O-Optional	Source	Comments	Update Status
Voucher Number	256	15	Alpha-numeric (fill with spaces if information not available)	M for Voucher Authorizations, Voucher Clears and Voucher Releases	X9.58 bit 111-3 (VN) pass-through for POS voucher clears; EBT system for all others	Preprinted number from a manual voucher form	New field
EBT Account Number	271	20	Alpha-numeric	M for all transactions	EBT system	Unique account number assigned to the household's SNAP account by the EBT processor. Left justify and pad with trailing spaces	New field
Internet Shipping/Delivery Address	291	28	Alpha-numeric (fill with spaces if information not available)	M for all internet transactions	X9.58 bit 111-3 (IT) pass-through for all internet transactions	Street address portion (positions 1-28) of the cardholder shipping/delivery address required for all internet transactions; left justified	New field
Internet Shipping/Delivery ZIP Code	319	9	Numeric (fill with spaces if information not available)	M for all internet transactions	X9.58 bit 111-3 (IT) pass-through for all internet transactions	ZIP code portion (positions 29-37) of the cardholder shipping/delivery address required for all internet transactions	New field
Record Delimiter	328	2	CrLf	N/A	N/A	Carriage Return ASCII Value 0D Linefeed ASCII Value 0A	No change

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Appendix A: Valid Codes

Table 1 – Valid Response Code Combinations

X9.58-2013 (bit 039)	Description	Comments (elimination of leading character a given and not repeated)
00	Approved	Description revised to agree with X9.58
02	Bad FNS status for merchant	
03	Invalid merchant	
05	General denial	
06	Invalid transaction	
10	Partial approval	New code added to X9.58-2013 for use with S&F transactions when retailer receives less than the requested amount.
12	Invalid transaction type	
13	Invalid amount field	
14	Invalid card number	
19	Re-enter transaction	
23	Unacceptable transaction fee	
30	Format error	
31	Card has invalid ISO prefix	
40	Function not available	
41	Lost card	
42	No Account	
43	Lost/stolen card	
51	Insufficient funds	
52	No account on file	

Revised ALERT EBT Submission File Specifications v02.00 (2017)

X9.58-2013 (bit 039)	Description	Comments (elimination of leading character a given and not repeated)
54	Expired card	
55	Invalid PIN	Replaces Code S5 (PIN Not Selected) removed from X9.58-2013 as non-applicable.
56	Card number not found	
57	Transaction not permitted to cardholder	
58	Invalid transaction	
59	Fraud (return card)	
61	Return exceeds benefit authorization	
62	Restricted card	
75	PIN tries exceeded	
76	Key synchronization error	
80	Voucher expired	
86	Invalid security code	
89	CVV verification failed, no pick up	New code added to X9.58-2013.
90	Processor not logged on	
91	Authorizer not available (time-out)	Description revised to agree with X9.58.
92	Transaction destination cannot be found for routing	
96	System malfunction	
A1	Invalid voucher ID	Description revised to agree with X9.58.

Revised ALERT EBT Submission File Specifications v02.00 (2017)

X9.58-2013 (bit 039)	Description	Comments (elimination of leading character a given and not repeated)
A2	Approval code doesn't match voice approval code	
A3	Amount greater than original voice authorization	
A4	Original voice authorization not found for cardholder	
A5	FNS number does not match original voice authorization	
A6	Item already cleared	
FF	Invalid HIP amount	New code added to X9.58-2013.
S7	Unmatched voucher information	Code added back it to X9.58-2013.

Table 2 – Valid Terminal Type Codes

Source	Code	Type Description
X9.58 bit 58 Positions 9-10:	00	Administrative Terminal
	01	POS terminal
	04	Electronic cash register (ECR)
	05	Dial terminal
	08	Scrip machine
	25	Internet

Revised ALERT EBT Submission File Specifications v02.00 (2017)

Table 3 – Valid Merchant Type Codes

Class Description	Code	Merchant Type
Agricultural services	0763	Agricultural co-operatives
Retail Outlets	5300	Wholesale clubs
	5310	Discount shops
	5311	Department stores
	5331	Variety stores
	5399	Miscellaneous general merchandise
	5411	Groceries and supermarkets
	5422	Freezer and locker meat provisioners
	5441	Candy, nut and confectionery shops
	5451	Dairies
	5462	Bakeries
	5499	Miscellaneous food shops — convenience and specialty retail outlets
Automobiles and vehicles	5541	Service stations (with or without ancillary services)
Miscellaneous outlets	5812	Eating places and restaurants
	5814	Fast food restaurants
	5912	Drug stores and pharmacies
	5921	Package shops — beer, wine and liquor
	5994	Newsagents and news-stands
	5999	Miscellaneous and specialty retail outlets
Service providers	7278	Buying and shopping services and clubs