

**DRAFT - Get Benefit Balance**

This message requests current benefit balance for a household/family.

**Description**

Get Benefit Balance Description	
<b>Function</b>	Get Benefit Balance
<b>System Source</b>	MIS
<b>System Destination</b>	WIC Connect
<b>Data Description</b>	WIC Connect system is the database of record for benefits for a given Start and End Date period. This function is used to query the current benefit balance for one Family at a time.  If the request Begin Date and End Date are not provided, WIC connect returns all active and future benefits.
<b>Related Files / Enumerations</b>	N/A
<b>Trigger Event</b>	As defined by MIS
<b>Format</b>	XML/SOAP
<b>Transmission Method</b>	Web Service
<b>Frequency</b>	On demand

**Interface Data**

Get Benefit Balance Interface Data					
ID	Function Parameters	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
1.	Household ID	String (19)	C		2002, 1004, 1021, 3206
2.	WIC Connect Card Number	String (16)	C		2011, 3206
3.	Search Start Date	Date	O	CCYY-MM-DD	3202
4.	Search End Date	Date	O	CCYY-MM-DD	3203, 3204
5.	Maximum Requested Count	Small Integer	M		3205
6.	Security Authorization Object	Complex type	M		0097



Get Benefit Balance Interface Data					
ID	Return Parameters	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
7.	Benefit Balance Object	Collection of complex type	M		
ID	BENEFIT BALANCE OBJECT	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
8.	Function Return Code	String (4)	M		0000, 0099 or other error
9.	Unique Benefit ID	Number	O	Between 0 – 999999999999	
10.	Benefit Start Date	Date	M	CCYY-MM-DD	
11.	Benefit End Date	Date	M	CCYY-MM-DD	
12.	Food Benefit Object	Collection of complex type	M		
ID	FOOD BENEFIT BALANCE OBJECT	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
13.	Category Code	String (2)	M		
14.	Subcategory Code	String (3)	M		
15.	Available Benefit Quantity	Decimal (3,2)	M		
16.	Active Hold Quantity	Decimal (3,2)	C		

**Assumptions**

No assumptions apply specifically to the Get Benefit Balance message.

**Business Rules**

The following business rules apply to the Get Benefit Balance message.

Get Benefit Balance Message Rules	
Rule ID	Description
BR-BM-020	When the Household ID (Account ID) provided by MIS does not exist (Error Code 1004) or is not active (Error Code 2002) for the WIC State Agency, WIC Connect must not provide the benefit balance information.
BR-BM-021	When the MIS does not provide either the Household ID or WIC Connect Card Number, WIC Connect must not provide the benefit balance information. (Error Code 3206)
BR-BM-022	When the MIS does not provide Search Start Date and Search End Date, WIC Connect must return all active and future benefits.
BR-BM-023	When the Maximum Requested Count is greater than zero, WIC Connect must order the results by the Benefit Start Date (descending) and return only the requested count.

**Get Benefit Balance Message Rules**

<b>Rule ID</b>	<b>Description</b>
BR-BM-025	When the MIS provides Search Start Date, WIC Connect must return results where the Benefit End Date is greater than or equal to (>=) the Search Start Date.
BR-BM-026	When the MIS provides Search End Date, WIC Connect must return results where the Benefit End Date is less than or equal to (<=) the Search End Date.

## Draft - Get Benefit Redemption Transaction History

This message requests benefit redemption history information for a household/family.

### Description

Get Benefit Redemption Transaction History Description	
<b>Function</b>	Get Benefit Redemption Transaction History
<b>System Source</b>	MIS
<b>System Destination</b>	WIC Connect
<b>Data Description</b>	The MIS uses this function to troubleshoot benefit activity and to see the history of benefit redemption for a given family. The MIS calls the Get Redemption Transaction History web service function to query real time WIC Purchase information that has occurred within the WIC Connect system. The WIC Connect system will return a listing of all activity for a given family and a given period.
<b>Related Files / Enumerations</b>	N/A
<b>Trigger Event</b>	As defined by MIS
<b>Format</b>	XML/SOAP
<b>Transmission Method</b>	Web Service
<b>Frequency</b>	On demand

### Interface Data

Get Benefit Redemption Transaction History Interface Data					
ID	Function Parameters	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
1.	Household ID	String (19)	C	Condition - Required if WIC Connect Card number is not provided	2002, 1004, 1021, 3206
2.	WIC Connect Card Number	String (16)	C	Condition - Required if Household ID Card number is not provided	2011, 3206
3.	Search Start Date	Date	M	CCYY-MM-DD	3202
4.	Search End Date	Date	M	CCYY-MM-DD	3203, 3204
5.	Vendor ID	String (12)	O		4038
6.	Maximum Requested Count	Small Integer	M		3205



Get Benefit Redemption Transaction History Interface Data					
7.	Security Authorization Object	Complex type	M		0097
ID	Return Parameters	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
8.	Redemption Transaction Object	Collection of complex type	M		
ID	REDEMPTION TRANSACTION OBJECT	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
9.	Function Return Code	String (4)	M		0000, 0099 or other error
10.	WIC Connect Transaction ID	String (50)	M		
11.	Redemption Transaction Type ID	String (1)	M	B = Approved Purchase V = Void R = Reversal A = Debit Adjustment C = Credit Adjustment S = Store and Forward Purchase	
12.	WIC Connect Transaction Date and Time	Datetime	M	CCYY-MM-DDTHH:MI:SS	
13.	Vendor ID	String (12)	M		
14.	Vendor Transaction Date and Time	Datetime	M	CCYY-MM-DDTHH:MI:SS	
15.	Terminal ID	String (8)	M		
16.	Vendor Peer Group ID	Small Integer	M		
17.	Settlement Date	Date	M	CCYY-MM-DD	
18.	Business Date	Date	M	CCYY-MM-DD	
19.	Forwarding Institution ID	String (11)	O		
20.	Initiating User ID	String (50)	C	If Redemption Transaction Type V = Void A = Debit Adjustment C = Credit Adjustment Note: Only if above transaction types are initiated by Local Agency/Clinics.	
21.	Local Agency ID	String (10)	C	If Redemption Transaction Type V = Void	



Get Benefit Redemption Transaction History Interface Data					
				A = Debit Adjustment C = Credit Adjustment Note: Only if above transaction types are initiated by Local Agency/Clinics.	
22.	Clinic ID	String (25)	C	Will always be null	
23.	Receiving Institution ID	String (11)	M		
24.	Acquiring Institution ID	String(11)	O	Entity that obtained the transaction from the WIC Vendor (if available)	
25.	Record Sequence Number	String (6)	M		
26.	Household ID	String (19)	M		1020
27.	WIC Connect Card Number	String (16)	C	Mandatory except in the case of special formula	1301
28.	WorkStation ID	String (20)	C	Will always be null	
29.	Benefit Start Date	Date	M	CCYY-MM-DD	
30.	Benefit End Date	Date	M	CCYY-MM-DD	
31.	Requested Amount	Decimal (10,2)	M		
32.	Settled Amount	Decimal (10,2)	M		
33.	Total Adjustments	Decimal (10,2)	M		
34.	Discount Amount	Decimal (10,2)	M		
35.	Credit or Debit Indicator	Small integer	M	1 = Credit 2 = Debit	
36.	Purchase Detail Object	Collection of complex type	M		
ID	PURCHASE DETAIL OBJECT	Data Type (Max Length)	M/O/C	Valid Values/Format	Validation Error Codes
37.	Line Item ID	Integer (6)	M		
38.	Unique Benefit ID	Number	M	Between 0 – 999999999999	
39.	UPC Or PLU Code	String (13)	M		
40.	UPC Description	String (50)	M		8102
41.	Requested Purchase Detail Amount	Decimal (10,2)	M		
42.	UPC Category Code	String (2)	M		



Get Benefit Redemption Transaction History Interface Data					
43.	UPC Subcategory Code	String (3)	M		
44.	Unit of Measure Abbreviation	String (3)	M		8915
45.	Requested Quantity	Decimal (3,2)	M		
46.	Exchange Size	Decimal (3,2)	M		
47.	Paid Amount	Decimal (10,2)	M		
48.	Benefit Category Code	String (2)	M		
49.	Benefit Subcategory Code	String (3)	M		
50.	Approved Quantity	Decimal (3,2)	M		

**Assumptions**

No assumptions apply specifically to the Get Benefit Redemption Transaction History message.

**Business Rules**

The following business rules apply to the Get Benefit Redemption Transaction History message.

Get Benefit Redemption Transaction History Message Rules	
Rule ID	Description
BR-BM-030	When the Household ID (Account ID) provided by MIS does not exist or is not active for the WIC State Agency, WIC Connect must not provide the benefit redemption transaction history information.
BR-BM-031	When the MIS does not provide either the Household ID or WIC Connect Card Number, WIC Connect must not provide the benefit redemption transaction history information.
BR-BM-032	When the MIS provides a Household ID, WIC Connect must return all benefit redemption transaction history for that household/family.
BR-BM-033	When the MIS provides a WIC Connect Card Number, WIC Connect must return all benefit redemption transaction history for that card.
BR-BM-034	When the MIS provides a Vendor ID, WIC Connect must return only those benefit redemption transactions for the specified WIC vendor.
BR-BM-036	When the MIS provides Search Start Date, WIC Connect must return benefit redemption transaction history results where the Redemption Transaction Date is greater than or equal to (>=) the Search Start Date.
BR-BM-037	When the MIS provides Search End Date, WIC Connect must return benefit redemption transaction history results where the Redemption Transaction Date is less than or equal to (<=) the Search End Date.
BR-BM-038	When the MIS provides a Search Start Date and Search End Date that are more than one year apart, WIC Connect must not provide the benefit redemption transaction history information. (Error Code 3207)
BR-BM-039	When the Maximum Requested Count is greater than zero, WIC Connect must order the benefit redemption transaction history results by the Benefit Start Date (descending) and return only the requested count.

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