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# **Medicare Current Beneficiary Survey**

Section Specifications for NSQ R55 2009

CHARGE QUESTIONS (NO STATEMENT SECTION)

Created on 10/1/2010 3:27:29 PM

# BOX NSBEG

## BOX INSTRUCTIONS

CREATE LIST OF EVENTS ENTERED IN THE CURRENT ROUND THAT ARE NOT ASSOCIATED WITH CHARGE DATA ALREADY ENTERED

IF AT LEAST ONE EVENT ENTERED IN THE CURRENT ROUND IS NOT ASSOCIATED WITH CHARGE DATA ALREADY ENTERED, GO TO NS1\_IN - NAVIGATOR.

ELSE GO TO NS81 - NSTATEMENT.

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Each time BOX NSBEG is executed, a new list of events eligible for NS will be generated. To generate list of events that will be asked about in NS, execute the following check:

(EVNT.EVNTDFLG ^= 1/Yes and EVNT.EVERRFLG ^= 1/Yes),

AND

(There is NO XCEV where

(XCEV.XCEVEVNT = EVNT.EVNTNUM and XCEV.XCEVRNDC = current round and XCEV.DELLINK = empty)),

AND

(

(EVNT.EVNTTYPE = IP &

(EVNT.EV95FLG = previous round) or

(EVNT.EVNTRNDC = current round and EVNT.IPSTATUS ^= 1/StillInHospital) or

((MRES.INTTYPE = 9/ExitInterviewSkipPrev) and (EVNT.IPSTATUS = 1/StillInHospital)))

OR

((EVNT.EVNTTYPE = HF or HP) and

there is a HERO where

(HERO.HEROEVNT = EVNT.EVNTNUM and HERO.HERORND=current round and

HERO.HERODFLG ^=1/Yes and (HERO.OTHMEALS = 1/Yes or

HERO.HELPUNIT^=empty)))

OR

((EVNT.EVNTTYPE = OM) and

(

(EVNT.OMETYPE = 7/Alteration and

((EVNT.EVNTRNDC = current round and  
 EVNT.OMSTATUS ^= 1/AlterationNotComplete) or  
 (EVNT.EV95FLG = previous round)))

OR

((EVNT.OMETYPE = 3/Orthopedic, 8/Oxygen, or 9/Kidney) and  
 ((EVNT.EVNTRNDC = current round) or  
 (EVNT.RENTPROB = 2/Rent and  
 ((EVNT.RENTSTIL = 1/Yes) or  
 (EVNT.RENTSTIL ^= 1/Yes and EVNT.RENTENDR = current round) or  
 (EVNT.HADPYMNT = 1/Yes and EVNT.PYMNTRND = current round)))))

OR

((EVNT.OMETYPE = 10/OtherMedicalExpense and  
 ((EVNT.OTHRTYPE = 5/OstomySupplies, 6/IncontinenceSupplies, or 7/Bandages)  
 and there is a PMRO where  
 (PMRO.PMROEVNT = EVNT.EVNTNUM and  
 PMRO.PMRORND = current round and (PMRO.GETNUM is > 0 and PMRO.GETNUM  
 ^= DK and  
 PMRO.GETNUM ^= RF)) or  
 (EVNT.OTHRTYPE = 9/BloodPressureEquipment and  
 EVNT.EVNTRNDC = current round) or  
 ((EVNT.OTHRTYPE = 1/Toilet, 2/Tub, 3/Chair, 4/Bed, 8/PulmonaryEquipment,  
 or 10/Other) and  
 ((EVNT.EVNTRNDC = current round) or  
 (EVNT.RENTPROB = 2/Rent and  
 ((EVNT.RENTSTIL = 1/Yes) or  
 (EVNT.RENTSTIL ^= 1/Yes and EVNT.RENTENDR = current round) or  
 (EVNT.HADPYMNT = 1/Yes and EVNT.PYMNTRND = current round)))))

OR

((EVNT.OMETYPE = 1/Eyeglasses, 2/Hearing, 4/Diabetic, 5/Ambulance or 6/Prosthesis)  
 and (EVNT.EVNTRNDC = current round))  
 )

OR

((EVNT.EVNTTYPE = PM) and  
 ((there is PMRO where PMRO.PMROEVNT = EVNT.EVNTNUM and  
 PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK  
 and  
 PMRO.GETNUM ^= RF) or  
 (there is a PMRO where PMRO.PMROEVNT = EVNT.EVNTNUM and  
 PMRO.PMRORND = previous round and (PMRO.GETNUM is > 0 and PMRO.GETNUM ^=  
 DK and

PMRO.GETNUM ^= RF) and PMRO.PMSUMFLG = 1/Yes and  
PMRO.PMRODFLG ^= 1/Yes))))

OR

((EVNT.EVNTTYPE = DU, ER, OP, MP, SD, or SL) and  
(EVNT.EVNTRNDC = current round.))  
)

TOTAL NUMBER OF NS EVENTS = Total number of events to be asked about in NS. Display  
at NS1.

If no events flagged as eligible for NS, go to NS81.  
Else go to NS1\_IN.

We will only collect details for the first event in the list generated at BOX NSBEG in this loop.  
Once the detail loop is complete, the route will return to BOX NSBEG to generate a new list of  
events eligible for NS. The purpose of this is to exclude any events that were flagged for NS,  
but are no longer eligible because the event has been linked to a new current round charge  
bundle.

Design Intent:

IF (EVENT NOT FLAGGED AS DELETED) AND

(EVENT NOT FLAGGED AS "ENTERED IN ERROR" ALREADY IN NS) AND

(EVENT NOT LINKED TO COST RECORD) AND

((IP EVNTS THAT STOPPED IN CURRENT ROUND) or  
(IP EVNTS ADDED IN CURRENT ROUND AND NOT STILL IN HOSPITAL) or  
(ONGOING IP EVENTS FOR EXIT CASES INTTYPE = 9) or  
(HH EVENTS ADDED IN CURRENT ROUND WHERE SP RECEIVED SERVICES OTHER  
THAN MEAL SERVICES) or  
(OM ALTERATIONS ADDED IN CURRENT ROUND THAT ARE COMPLETE) or  
(OM ALTERATIONS COMPLETED IN CURRENT ROUND) or  
(OM ORTHOPEDIC, OXYGEN OR KIDNEY ITEMS ADDED IN CURRENT ROUND) or  
(OM ORTHOPEDIC, OXYGEN OR KIDNEY ITEMS THAT ARE ON-GOING RENTALS) or  
(OM ORTHOPEDIC, OXYGEN OR KIDNEY ITEMS RENTALS THAT STOPPED  
IN CURRENT ROUND) or  
(OM ORTHOPEDIC, OXYGEN OR KIDNEY ITEMS RENT-TO-BUYS, SP IS EXPECTING  
TO MAKE A PAYMENT IN THE CURRENT ROUND) or  
(OM OTHER MEDICAL EXPENSES ADDED IN CURRENT ROUND THAT  
HAD PURCHASES > 0 AND ^= DK, RF IF APPLICABLE) or  
(OM OTHER MEDICAL EXPENSES THAT ARE ON-GOING RENTALS) or

(OM OTHER MEDICAL EXPENSE RENTALS THAT STOPPED IN CURRENT ROUND) or  
 (OM OTHER MEDICAL EXPENSE RENT-TO-BUYS, SP IS EXPECTING TO MAKE A  
 PAYMENT IN THE CURRENT ROUND) or  
 (ALL OTHER OMES ADDED IN THE CURRENT ROUND) or  
 (PM EVENTS ADDED IN CURRENT ROUND WITH NUMBER OF PURCHASES > 0 AND ^=  
 DK, RF) or  
 (PM EVENTS ADDED IN PMS WITH NUMBER OF PURCHASES > 0 AND ^= DK, RF) or  
 (ALL OTHER EVNTS THAT ARE ADDED IN THE CURRENT ROUND)).

If PM purchases are added in both PMS and PM in the current round, this PM should only be asked about once in NS. Display of purchases will reflect the total number of purchases added in PMS + PM.

## DESIGN NOTES

SUMMARY OF DESIGN INTENT FOR GLOBAL DISPLAY FILLS (EVENT) vs. (ORIGINAL CHARGE BUNDLE EVENT):

### OM AND PM PURCHASES:

When displaying the # of purchases for OM (ostomy supplies, bandages, incontinence supplies) and PM events being asked about in NS prior to BOX NS4 or at NSL5 or at NSL6, the specifications indicate that the global display fill "(EVENT)" should be implemented. Otherwise, the global display fill "(ORIGINAL CHARGE BUNDLE EVENT)" should be implemented.

The primary difference between these two display fills is that "(EVENT)" is calculated based on the current and/or previous round PMRO.GETNUM for the display of PM and OM purchases, while "(ORIGINAL CHARGE BUNDLE EVENT)" is calculated based on XCEV.NUMLINKS.

Where "(EVENT)" is specified in NS, NS will use calculate this display fill (see general specifications global display fills) based on the following logic:

### OM purchases:

# of Purchases = PMRO.GETNUM on PMRO where PMRO.PMRORND = current round.

### PM purchases:

If there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK and PMRO.GETNUM ^= RF) AND

if there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = previous round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK and PMRO.GETNUM ^= RF and PMRO.PMSUMFLG = 1=Yes and PMRO.PMRDIFLG ^= 1/Yes), then display:

# of purchases =

(PMRO.GETNUM on PMRO where PMRO.PMRORND = previous round) +  
 (PMRO.GETNUM on PMRO where PMRO.PMRORND = current round).

Else If there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK and PMRO.GETNUM ^= RF), then display:

# of purchases = PMRO.GETNUM on PMRO where PMRO.PMRORND = current round.

Else if there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = previous round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK and PMRO.GETNUM ^= RF and PMRO.PMSUMFLG = 1.Yes and PMRO.PMRODFLG ^= 1/Yes), then display:

# of purchases = PMRO.GETNUM on PMRO where PMRO.PMRORND = previous round).

Where "(ORIGINAL CHARGE BUNDLE EVENT)" is specified in NS (this includes coming to NS from CPS), NS will use calculate this display fill (see general specifications global display fills) based on the following logic:

OM and PM Purchases:

# of PURCHASES = XCEV.NUMLINKS

XCEV.NUMLINKS will be set at BOX NS4 if administering NS, and will be already filled if coming from CPS.

While administering NS, we will probe for an updated value for NUMLINKS at NS8. This updated value will overwrite the XCEV.NUMLINKS set at BOX NS4 or the value already prefilled coming from CPS.

REPEAT VISITS:

When displaying the # of visits for REPEAT VISIT events being asked about in NS prior to BOX NS4 or at NSL5 or at NSL6, the specifications indicate that the global display fill "(EVENT)" should be implemented.

Otherwise, the global display fill "(ORIGINAL CHARGE BUNDLE EVENT)" should be implemented.

The primary difference between these two display fills is that "(EVENT)" is calculated based on EVNT.RVTIMES, while "(ORIGINAL CHARGE BUNDLE EVENT)" is calculated based on XCEV.RVLINKS.

Where "(EVENT)" is specified in NS, NS will use calculate this display fill (see general specifications global display fills) based on the following logic:

# of Visits = EVNT.RVTIMES.

Where "(ORIGINAL CHARGE BUNDLE EVENT)" is specified in NS (this includes coming to NS from CPS), NS will use calculate this display fill (see general specifications global display fills) based on the following logic:

# of Visits = XCEV.RVLINKS

# NS1\_IN

Instance Navigator

**FIELD 1: NAVIGATOR****FIELD 1 ROUTING**

Value	Label	Route
1	ITEM SELECTED IN INSTANCE NAVIGATOR	NS1 - NSINT
2	CONTINUE INTERVIEW SELECTED	BOX NSBEG

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
N/A	1

# NS1

No Entry

## QUESTION TEXT

[Now that we're done with [your/(SP's)] statements, let's/Let's] talk about the medical services and costs for which [you/(SP)] did not have a statement.]

THERE ARE (TOTAL NUMBER OF NS EVENTS) EVENTS (REMAINING) TO ASK ABOUT.

(Let's start with/Next let's look at) (the/[your/(SP's)]) costs for the (EVENT).

## FIELD 1: NSINT

### FIELD 1 ROUTING

Value	Label	Route
1	CONTINUE	BOX NS1
	Empty	BOX NS1

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1



# BOX NS1

## **BOX INSTRUCTIONS**

IF (ST1 - MHMOSTMT = 3/Never AND ((SP HAS A MEDICARE MANAGED CARE PLAN THAT DOES NOT HAVE RX COVERAGE ANYTIME IN THE CURRENT ROUND) OR (SP HAS A PRIVATE PLAN THAT IS A MANAGED CARE PLAN ANYTIME IN THE CURRENT ROUND) OR (SP IS IN THE EXIT SAMPLE) OR (EVENT IS ASSOCIATED WITH A MANAGED CARE PLAN))) OR (EVENT TYPE = 'OM' AND EVENT IS A RENTAL ITEM AND PS1 - HADPYMNT = 1/Yes) OR ((EVNTTYPE = 'DU' OR 'PM') AND SP DOES NOT HAVE ANY OTHER HEALTH INSURANCE PLAN BESIDES MEDICARE IN THE CURRENT ROUND) , GO TO BOX NS4.

ELSE IF (SP IS IN THE EXIT SAMPLE), GO TO NS4 - NSRECDSTAT.

ELSE GO TO NS2 - NSEXMCMAIL.

# NS2

Code 1

## QUESTION TEXT

As far as you know, is anything expected in the mail from (Medicare, Insurance, and Tricare/Medicare and Tricare/Medicare and Insurance/Medicare) about [READ EVENT ABOVE]?

[PROBE IF NECESSARY: Please include any statements received about [your/(SP's)] Medicare prescription drug benefit.]

## FIELD 1: NSEXMCMAIL

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS4
2	NO	BOX NS4
3	EVENT ENTERED IN ERROR	NS3 - EVERRVB
4	HAVE STATEMENT FOR EVENT	ST4 - MATCHST
9	FLAG COST FOR CPS	DO NOT DISPLAY.
	Don't Know	BOX NS4
	Refused	BOX NS4

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

If NS2 - NSEXMCMAIL = 4/HasStatementForEvent, increment a counter that records how many times NS calls ST to collect a statement. This counter is also incremented at NS4. See detailed instructions below.

Variable Name	Assignment Instructions
EVERRFLG	If NS2 - NSEXMCMAIL = 3/EventEnteredInError, set EVNT.EVERRFLG = 1/Yes.
HAVESTMT	If NS2 - NSEXMCMAIL = 4/HasStatementForEvent, set HRND.HAVESTMT = HRND.HAVESTMT + 1.

# NS3

Verbatim Text

**QUESTION TEXT**

REMINDER: "EVENT ENTERED IN ERROR" INSTRUCTS THE HOME OFFICE TO DELETE THIS EVENT.

IF YOU HAVE ENTERED THIS CODE IN ERROR, SELECT PREVIOUS PAGE AND ENTER THE CORRECT CODE AT NS2. OTHERWISE, EXPLAIN WHY YOU SELECTED "EVENT ENTERED IN ERROR" FOR THIS EVENT.

**FIELD 1: EVERRVB****FIELD 1 ROUTING**

Value	Label	Route
1	[Continuous answer.]	BOX NS4

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
NONE.  REPLACES THE FOLLOWING CHESHIRE VARIABLES:  EVNT.EVERRVB1 EVNT.EVERRVB2 EVNT.EVERRVB3	1

# NS4

Code 1

## QUESTION TEXT

[Have you/Has (SP)] received a statement for the [READ EVENT ABOVE]?

## FIELD 1: NSRECDSTAT

### FIELD 1 ROUTING

Value	Label	Route
1	STATEMENT RECEIVED AND AVAILABLE	ST4 - MATCHST
2	STATEMENT RECEIVED, NOT AVAILABLE	BOX NS4
3	STATEMENT NOT RECEIVED	BOX NS4
	Don't Know	BOX NS4
	Refused	BOX NS4

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

If NS4 - NSRECDSTAT = 1/StatementReceivedAndAvailable, increment a counter that records how many times NS calls ST to collect a statement. This counter is also incremented at NS2. See detailed instructions below.

Variable Name	Assignment Instructions
HAVESTMT	If NS4 - NSRECDSTAT = 1/StatementReceivedAndAvailable, set HRND.HAVESTMT = HRND.HAVESTMT + 1.



# BOX NS4

## **BOX INSTRUCTIONS**

CREATE A NEW CHARGE BUNDLE FOR THIS EVENT

IF NS2 - NSEXMCMAIL = 1/Yes or 3/EventEnteredInError, GO TO BOX NS80.

ELSE GO TO BOX NS4A.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

NS details will be collected on COST and CORO.

COST Key = COST.COSTBASE + COST.COSTNUM.

COST.COSTNUM = Number of charge bundle created at BOX NS4.

CORO Key = CORO.COROBASE + CORO.COROCOST + CORO.CORORND.

CORO.COROCOST = COST.COSTNUM of charge bundle created at BOX NS4.

CORO.CORORND = current round.

Create current round COST and CORO records for new Charge Bundle.

BASE.LASTCOST holds the highest COST.COSTNUM prior to fielding cases. Not all COST records are fielded. The first time a COST record is generated in the field, BASE.LASTCOST should be  $\geq$  to the highest COST.COSTNUM fielded. The new COST.COSTNUM should be calculated based on BASE.LASTCOST + 001. Each time a COST record is generated in the field, BASE.LASTCOST will be updated to match the highest COST.COSTNUM in the field. Therefore, each time a COST record is generated in the field, the new COST.COSTNUM should be calculated based on BASE.LASTCOST + 001. See detailed instructions below.

Additional NS details will be collected on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle created at BOX NS4.

XCEV.XCEVEVNT = EVNT.EVNTNUM of event being asked about.

Create an XCEV record to link the event being asked about to the new charge bundle created at BOX NS4.

For OM purchases, set XCEV.NUMLINKS based on the current round PMRO.GETNUM (see details below).

For REPEAT VISITS, set XCEV.RVLINKS based on EVNT.RVTIMES (see details below).

For PM purchases, set XCEV.NUMLINKS based on the following logic:

If there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM  $\neq$  DK and PMRO.GETNUM  $\neq$  RF) AND

if there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = previous round and PMRO.GETNUM > 0 and PMRO.GETNUM  $\neq$  DK and PMRO.GETNUM  $\neq$  RF and PMRO.PMSUMFLG = 1=Yes and PMRO.PMRODFLG  $\neq$  1/Yes), then set:

XCEV.NUMLINKS =  
(PMRO.GETNUM on PMRO where PMRO.PMRORND = previous round) +  
(PMRO.GETNUM on PMRO where PMRO.PMRORND = current round).

Else If there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM  $\neq$  DK and PMRO.GETNUM  $\neq$  RF), then set:

XCEV.NUMLINKS = PMRO.GETNUM on PMRO where PMRO.PMRORND = current round.

Else if there is a PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = previous round and PMRO.GETNUM > 0 and PMRO.GETNUM  $\neq$  DK and PMRO.GETNUM  $\neq$  RF and PMRO.PMSUMFLG = 1.Yes and PMRO.PMRODFLG  $\neq$  1/Yes), then set:

XCEV.NUMLINKS = PMRO.GETNUM on PMRO where PMRO.PMRORND = previous round).

Set variables as instructed below:

Variable Name	Assignment Instructions
COSTNUM	Create COST where COST.COSTNUM = BASE.LASTCOST + 001. This assumes that BASE.LASTCOST is incremented each time a COST record is generated in the field.
COSTRNDC	Set COST.COSTRNDC = current round.
COSTTYPE	Set COST.COSTTYPE=2/NS.
MCREDPCT	Set COST.MCREDPCT = 0.
COROCOST	Create CORO where CORO.COROCOST = this COST.COSTNUM.
CORORND	Create CORO where CORO.CORORND = current round.
ORIGNSEV	Set COST.ORIGNSEV = EVNT.EVNTNUM.



Variable Name	Assignment Instructions
COROTYPE	Set CORO.COROTYPE = 2/NS.
EXMCMAIL	If NS2 - NSEXMCMAIL ^= EMPTY, set COST.EXMCMAIL = NS2 - NSEXMCMAIL.
REDCSTAT	If NS4 - NSRECDSTAT ^= EMPTY, set CORO.RECDSTAT = NS4 - NSRECDSTAT.
XCEVCOST	Create XCEV where XCEV.XCEVCOST = this COST.COSTNUM.
XCEVEVNT	Create XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of EVNT selected.
XCEVRNDC	Set XCEV.XCEVRNDC = current round.
LASTCOST	Once the new COST record is generated, set BASE.LASTCOST to the new COST.COSTNUM.
NUMLINKS	If EVNT.EVNTTYPE=OM & EVNT.OTHRTYPE=5/OstomySupplies, 6/IncontinenceSupplies, or 7/Bandages), set XCEV.NUMLINKS = PMRO.GETNUM on PMRO where (PMRO.PMROEVNT = EVNT.EVNTNUM & PMRO.PMRORND=current round).
RVLINKS	If REPEAT VISIT EVENT, EVNT.VISTTYPE = 2/RepeatVisit, set XCEV.RVLINKS = EVNT.RVTIMES.

## DESIGN NOTES

SUMMARY OF DESIGN INTENT FOR GLOBAL DISPLAY FILLS (EVENT) vs. (ORIGINAL CHARGE BUNDLE EVENT):

### OM AND PM PURCHASES:

When displaying the # of purchases for OM (ostomy supplies, bandages, incontinence supplies) and PM events being asked about in NS prior to BOX NS4, the specifications indicate that the global display fill "(EVENT)" should be implemented.

Otherwise, following BOX NS4, the global display fill "(ORIGINAL CHARGE BUNDLE EVENT)" should be implemented.

The primary difference between these two display fills is that "(EVENT)" is calculated based on

the current and/or previous round PMRO.GETNUM for the display of PM and OM purchases, while "(ORIGINAL CHARGE BUNDLE EVENT)" is calculated based on XCEV.NUMLINKS.

# BOX NS4A

## **BOX INSTRUCTIONS**

IF (EVENT TYPE IS NOT AN OTHER MEDICAL EXPENSE) AND (EVENT IS ASSOCIATED WITH A MANAGED CARE PLAN), GO TO NS6 - TOTALCHG.

ELSE GO TO NS5 - TOTALCHG.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS4A is called from CPS1 when SP reports still not having a statement. COST and CORO have already been created in CPS.

**NS5**

Dollar

**QUESTION TEXT**

Including any amounts that may be paid by Medicare or anyone else, what [was the charge for the (OME ITEM TYPE) rented (with the option to buy) between (REFERENCE DATE) and (TODAY/DATE OF DEATH/DATE OF INSTITUTIONALIZATION)/was the total charge (that is, the total amount billed)]?

IF CHARGE REPORTED AS HOURLY RATE, CALCULATE AND ENTER THE TOTAL CHARGE FOR THE ENTIRE ROUND.

**FIELD 1: TOTALCHG****FIELD 1 ROUTING**

Value	Label	Route
1	[Continuous answer.]	BOX NS5
	Don't Know	BOX NS5
	Refused	BOX NS5

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
CORO.TOTALCHG	1

**OTHER PROGRAMMING INSTRUCTIONS****BACKGROUND VARIABLE ASSIGNMENTS**

Variable Name	Assignment Instructions
TOTALAMT	COST.TOTALAMT = NS5 - TOTALCHG.
TOTALTYP	CORO.TOTALTYP = 1/TotalCharge.
NSDATQNO	COST.NSDATQNO = 1/NS5.

# BOX NS5

## **BOX INSTRUCTIONS**

IF TOTALCHG = 0 AND SP CURRENTLY COVERED BY MEDICAID, GO TO BOX NS80.

ELSE IF EVENT TYPE = 'OM' AND EVENT IS A RENTAL ITEM, GO TO NS7 - MONTHCOV.

ELSE IF (EVENT TYPE = 'PM' OR 'OM') AND NUMBER OF PURCHASES BEING ASKED ABOUT IN NS IS > 1, GO TO NS8 - NUMLINKS.

ELSE IF (EVENT WAS ENTERED AS A REPEAT VISIT), GO TO NS9 - RVLINKS.

ELSE GO TO BOX NS9.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS5 first checks to see if TOTAL CHARGE = 0 and if SP has MEDICAID. If true, we do not subsequent charge data. Else if this is not true, the remaining conditions in this route box direct route based on event type.

**NS6**

Dollar

**QUESTION TEXT**

What was the copayment amount for the [READ EVENT ABOVE]?

[EXPLAIN IF NECESSARY: Managed care plans commonly charge a fixed amount, or copayment, for health services provided. For example, the person may pay \$10 for each office visit and \$5 for each drug prescription.]

ENTER 0 IF NO COPAYMENT FOR THE EVENT.

**FIELD 1: TOTALCHG****FIELD 1 ROUTING**

Value	Label	Route
1	[Continuous answer.]	BOX NS6
	Don't Know	BOX NS6
	Refused	BOX NS6

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
CORO.TOTALCHG	1

**OTHER PROGRAMMING INSTRUCTIONS****BACKGROUND VARIABLE ASSIGNMENTS**

Variable Name	Assignment Instructions
TOTALAMT	COST.TOTALAMT = NS6 - TOTALCHG.
TOTALTYP	CORO.TOTALTYP = 2/CoPayment
NSDATQNO	COST.NSDATQNO = 2/NS6.

# BOX NS6

## **BOX INSTRUCTIONS**

IF TOTALCHG = 0 AND SP CURRENTLY COVERED BY MEDICAID, GO TO BOX NS80.

IF EVENT TYPE = 'PM' AND THE TOTAL OF NUMBER OF PURCHASES BEING ASKED ABOUT IN NS IS > 1, GO TO NS8 - NUMLINKS.

ELSE IF (EVENT WAS ENTERED AS A REPEAT VISIT), GO TO NS9 - RVLINKS.

ELSE GO TO BOX NS9.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS6 does not include routing for OM rentals to NS7 - MONTHCOV and does not include routing for OM purchases to NS8 - NUMLINKS because OM's will never route to BOX NS6. See BOX NS4A.

# NS7

Numeric

## QUESTION TEXT

How many months are covered by the charge for the period of time [since (REFERENCE DATE)/between (REFERENCE DATE) and (DATE OF DEATH/DATE OF INSTITUTIONALIZATION)]?

## FIELD 1: MONTHCOV

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS7 - MONCOV96
	Empty	NS7 - MONCOV96
	Don't Know	NS7 - MONCOV96
	Refused	NS7 - MONCOV96

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.MONTHCOV	1

## FIELD 2: MONCOV96

### FIELD 2 ROUTING

Value	Label	Route
1	LESS THAN 1 MONTH	BOX NS9
	Empty	BOX NS9



**FIELD 2 ATTRIBUTES**

<b>Cheshire Name</b>	<b>Answers Allowed</b>
NONE  WE NEED TO TRANSFORM MONCOV96=1 BACK TO XCEV.MONTHCOV=96.	1

**OTHER PROGRAMMING INSTRUCTIONS****BACKGROUND VARIABLE ASSIGNMENTS**

Collect # of months on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of OM Rental event being asked about.

# NS8

Numeric

## QUESTION TEXT

How many of the times [you/(SP)] obtained [READ EVENT ABOVE] since (REFERENCE DATE) [were covered by the total charge/was there no charge/were covered by the (TOTAL CHARGE)/were covered by the copayment/was there no copayment/were covered by the (COPAYMENT)]?

## FIELD 1: NUMLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS9
	Don't Know	BOX NS9
	Refused	BOX NS9

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.NUMLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of purchases on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of (OM Ostomy Supplies, Incontinence supplies, or bandages) or (PM) being asked about.

Variable Name	Assignment Instructions
NOCHGNUM	COST.NOCHGNUM = NS8 - NUMLINKS.



# NS9

Numeric

## QUESTION TEXT

How many of the (NUMBER OF VISITS) (visits to the OPD at/lab services provided by/visits to) (PROVIDER NAME) during the month of (EVENT MONTH) [were covered by the total charge/was there no charge/were covered by the (TOTAL CHARGE)/were covered by the copayment/was there no copayment/were covered by the (COPAYMENT)]?

## FIELD 1: RVLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS9
	Don't Know	BOX NS9
	Refused	BOX NS9

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.RVLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of visits on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of Repeat Visit event currently being asked about.

Variable Name	Assignment Instructions
NOCHGVIS	COST.NOCHGVIS = NS9 - RVLINKS.

# BOX NS9

## **BOX INSTRUCTIONS**

IF (COPAYMENT WAS COLLECTED FOR CHARGE BUNDLE INSTEAD OF A TOTAL CHARGE), GO TO BOX NS45.

ELSE GO TO NS10 - INCOTHER.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

COPAYMENT and TOTAL CHARGE are both collected on current round CORO.TOTALCHG and copied to COST.TOTALAMT.

The design intent at BOX NS9 is to determine whether or not CORO.TOTALCHG was collected at NS5, where we probed for TOTAL CHARGE, or was collected at NS6, where we probed for COPAYMENT.

NS5 sets CORO.TOTALTYP = 1/TotalCharge to flag that CORO.TOTALCHG was collected at NS5.

NS6 sets CORO.TOTALTYP = 2/CoPayment to flag that CORO.TOTALCHG was collected at NS6.

# NS10

Code 1

**QUESTION TEXT**

DOES [THE TOTAL CHARGE/THIS/(TOTAL CHARGE)] COVER THIS  
(EVENT/ITEM/MEDICINE) ONLY OR DOES IT INCLUDE OTHER  
EVENTS/ITEMS/MEDICINES?

**FIELD 1: INCOTHER****FIELD 1 ROUTING**

Value	Label	Route
1	ONLY THIS EVENT/ITEM/MEDICINE	BOX NS45
2	OTHER EVENTS/ITEMS/MEDICINES	NS12 - INCTYPE
3	CAN'T TELL	BOX NS45

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
COST.INCOTHER	1

# NS12

Code All

## QUESTION TEXT

What else was included?

CHECK ALL THAT APPLY.

## FIELD 1: INCTYPE

### FIELD 1 ROUTING

Value	Label	Route
1	PROVIDER SERVICE DATES	BOX NS12
2	HOME HEALTH VISITS	BOX NS12
3	OTHER MEDICAL EXPENSES	BOX NS12
4	PRESCRIBED MEDICINES	BOX NS12

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
<p>NONE</p> <p>REPLACES THE FOLLOWING CHESHIRE VARIABLES:</p> <p>1=COST.INCDATES  2=COST.INCHHS - NEED TO ADD TO CHESHIRE DATABASE  3=COST.INCOMS  4=COST.INCPMS</p>	4

# BOX NS12

## **BOX INSTRUCTIONS**

IF THE RESPONSE TO NS12 - INCTYPE INCLUDES 1/ProvDates, GO TO NS13 - PROVIDER\_NSDATE.

ELSE GO TO BOX NS26.



# NS13

## Roster

### QUESTION TEXT

WHICH MEDICAL PROVIDER IS IN THIS CHARGE BUNDLE?

SELECT OR ADD ONLY ONE PROVIDER.

### FIELD 1: PROVIDER NSDATE

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS14 - NSDATEUPD

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Providers except for Providers where PROV.PROVNUM=01 and 02, which are reserved for PM and OM events.

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Provider Name	Display PROV.PROVNAME.

#### BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on PROV:

PROV key = PROV.PROVBASE + PROV.PROVNUM

PROV.PROVNUM = Number of Provider selected at NS13.

If Provider added at Provider Roster, see PROVIDER ROSTER POP-UP specifications for pop-up window programming instructions.

Variables populated in Provider Roster Pop-Up Window:

PROV.PROVNUM      Provider number  
PROV.PROVRNDC      Round number  
PROV.PROVNAME      Provider name

Set COST.COSTPROV = Provider selected at NS13. See additional instructions below.

Variable Name	Assignment Instructions
COSTPROV	COST.COSTPROV = PROV.PROVNUM of provider selected at NS13.

## DESIGN NOTES

Interviewer can add or select Provider at this roster.

# NS14

Code 1

## QUESTION TEXT

THE FOLLOWING EVENT DATES HAVE BEEN ENTERED FOR THIS PROVIDER.

DO YOU NEED TO ADD OR EDIT AN EVENT DATE FOR THIS CHARGE BUNDLE?

## FIELD 1: NSDATEUPD

### FIELD 1 ROUTING

Value	Label	Route
1	NO, DO NOT NEED TO ADD OR EDIT EVENT DATES	NS24 - EVENT_NSDATE
2	YES, NEED TO ADD EVENT DATE	NS16 - EVENT_NSDATEADD
3	YES, NEED TO EDIT EVENT DATE	NS15 - EVENT_NSDATEDIT

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report below Question Text.

Display all events for this provider where:

EVNT.EVNTTYPE = 'DU', 'ER', 'IP', 'IU', 'OP', 'MP', 'SD', or 'SL', and  
 EVNT.EVNTPROV = the PROV.PROVNUM selected at NS13, and  
 EVNT.EVNTDFLG ^= 1/Yes

Display in order of entry.

Report Header: PROVIDER SERVICE EVENTS

Column 1, Header = "Type".

Column 1, Display =

Display EVNT.EVNTTYPE

Column 2, Header = "Start Date".

Column 2, Display =

Display EVENT DATE in "Mon DD YYYY" format.

Column 3, Header = "Stop Date".

Column 3, Display =

If (EVNT.EVNTTYPE = 'IU') or (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^= 1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 4, Header = "Status".

Column 4, Display =

If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON".

Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV".

Else do not display.

Column 5, Header = "# Visits".

Column 5, Display =

If EVNT.VISTTYPE = 2/RepeatVisit, display EVNT.RVTIMES.

Else do not display.

Column 6, Header = "Round".

Column 6, Display =

Display "R" + EVNT.EVNTRNDC. EX: R45

Column 7, Display =

If Event Date is out of the Survey Reference Period, display "ORP".

Else do not display.

# NS15

## Roster

### QUESTION TEXT

SELECT AND EDIT THE EVENT DATE THAT NEEDS CORRECTION.

### FIELD 1: EVENT NSDATEDIT

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS14 - NSDATEUPD

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all events for this provider where:

EVNT.EVNTTYPE = 'DU', 'ER', 'IP', 'IU', 'OP', 'MP', 'SD', or 'SL', and  
 EVNT.EVNTPROV = the PROV.PROVNUM selected at NS13, and  
 EVNT.EVNTDFLG ^= 1/Yes

If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display as a protected row.

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Type	Display EVNT.EVNTTYPE.
2	Start Date	Display EVENT DATE in "Mon DD YYYY" format.

Column #	Header	Instructions
3	Stop Date	If (EVNT.EVNTTYPE = 'IU') or (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^=1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
4	Status	If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON". Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV". Else do not display.
5	# Visits	If EVNT.VISTTYPE = 2/RepeatVisit, display EVNT.RVTIMES. Else do not display.
6	Round	Display 'R' + EVNT.EVNTRNDC. EX: R45

## BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on EVNT:

EVNT key = EVNT.EVNTBASE + EVNT.EVNTNUM

EVNT.EVNTNUM = Number of event selected at NS15.

If event selected for editing, see STATEMENT EVENT EDIT ROSTER POP-UP specifications for pop-up window programming specifications.

Variables updated in STATEMENT EVENT EDIT ROSTER Pop-Up Window:

EVNT.VISTTYPE	SingleVisit or RepeatVisit
EVNT.RVTIMES	# of visits
EVNT.EVBEGMM	Event Month
EVNT.EVBEGDD	Event Day
EVNT.EVBEGYY	Event Year
EVNT.EVENDDMM	Event End Month
EVNT.EVENDDDD	Event End Day
EVNT.EVENDDYY	Event End Year

NOTE: EVNT.IPSTATUS cannot be updated in Pop-Up Window.

Variable Name	Assignment Instructions
EVORPFLG	If Event date edited is outside the Survey Reference Period, set EVNT.EVORPFLG = 1/GRP. See General Specifications for setting this GRP flag.

**DESIGN NOTES**

Interviewer can select events to be edited at this roster.

# NS16

## Roster

### QUESTION TEXT

ADD THE MISSING EVENT DATE(S) IN THIS CHARGE BUNDLE.

ADD ALL EVENT DATES FOR THIS PROVIDER.

### FIELD 1: EVENT NSDATEADD

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS16A

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all events for this provider where:

EVNT.EVNTTYPE = 'DU', 'ER', 'IP', 'IU', 'OP', 'MP', 'SD', or 'SL', and  
 EVNT.EVNTPROV = the PROV.PROVNUM selected at NS13, and  
 EVNT.EVNTDFLG ^= 1/Yes

Display in order of entry.

Display all loaded events as protected rows.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Type	Display EVNT.EVNTTYPE.



Column #	Header	Instructions
2	Start Date	Display EVENT DATE in "Mon DD YYYY" format.
3	Stop Date	If (EVNT.EVNTTYPE = 'IU') or (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^=1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
4	Status	If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON". Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV". Else do not display.
5	# Visits	If EVNT.VISTTYPE = 2/RepeatVisit, display EVNT.RVTIMES. Else do not display.
6	Round	Display 'R' + EVNT.EVNTRNDC. EX: R45

## BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on EVNT:

EVNT key = EVNT.EVNTBASE + EVNT.EVNTNUM

EVNT.EVNTNUM = Number of event selected at NS16.

For each event added at NS16, see STATEMENT EVENT ROSTER POP-UP specifications for pop-up window programming instructions:

Variables populated in Statement Event Roster Pop-Up Window:

EVNT.EVNTNUM  
 EVNT.EVNTRNDC  
 EVNT.EVNTTYPE  
 EVNT.VISTTYPE  
 EVNT.RVTIMES  
 EVNT.EVBEGMM  
 EVNT.EVBEGDD

EVNT.EVBEGYY  
EVNT.EVENDMM  
EVNT.EVENDDD  
EVNT.EVENDYY  
EVNT.STEVTYPE  
BASE.LASTEVT

Set additional fields specified below:

Variable Name	Assignment Instructions
EVCHGFLG	If Event added, set EVNT.EVCHGFLG = 1/Yes.
EVORPFLG	If Event date added is outside the Survey Reference Period, set EVNT.EVORPFLG = 1/ORP. See General Specifications for setting this ORP flag.

## DESIGN NOTES

Interviewer can only add events at this roster.

# BOX NS16A

## **BOX INSTRUCTIONS**

IF AT LEAST ONE EVENT ADDED AT NS16 IS A 'DU', 'ER', 'IP', 'IU', 'OP', OR 'MP' EVENT TYPE AND THE EVENT DATE WAS NOT OUTSIDE THE SURVEY REFERENCE PERIOD, GO TO BOX NS16B.

ELSE GO TO NS14 - NSDATEUPD.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

We do not collect event details for EVNT.EVNTTYPE = 'SD' or 'SL'.

# BOX NS16B

## **BOX INSTRUCTIONS**

IF AT LEAST ONE EVENT ADDED AT NS16 IS A 'DU', 'ER', 'IP', 'OP', OR 'MP' EVENT TYPE,  
GO TO NS17 - NSDATEINTRO.

ELSE GO TO BOX NS18.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

We do not display NS17 Introduction if EVNT.EVNTTYPE = 'IU'.

# NS17

No Entry

**QUESTION TEXT**

Before we continue with this statement, I would like to ask you a few questions about the visit(s) I just added.

**FIELD 1: NSDATEINTRO****FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	BOX NS17
	Empty	BOX NS17

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

# BOX NS17

## **BOX INSTRUCTIONS**

IF AT LEAST ONE EVENT ADDED AT NS16 IS A 'DU' OR 'MP' EVENT TYPE AND THE PROVIDER SPECIALTY HAS NOT BEEN COLLECTED, GO TO NS18 - PROVSPEC.

ELSE GO TO BOX NS18.

# NS18

Code 1

## QUESTION TEXT

What kind of medical person is (PROVIDER NAME)?

## FIELD 1: PROVSPEC

## FIELD 1 ROUTING

Value	Label	Route
1	DENTIST/DENTAL PROVIDER	BOX NS18
2	MEDICAL DOCTOR	BOX NS18
3	AUDIOLOGIST	BOX NS18
4	CHIROPRACTOR	BOX NS18
5	CLINICAL SOCIAL WORKER	BOX NS18
6	DIETITIAN-NUTRITIONIST	BOX NS18
7	HEARING THERAPIST	BOX NS18
8	HOME HEALTH/HEALTH AIDE	BOX NS18
9	HOMEMAKER	BOX NS18
10	HOSPICE WORKER	BOX NS18
11	I.V. THERAPIST	BOX NS18
12	NURSE (RN)	BOX NS18
13	NURSE PRACTITIONER	BOX NS18
14	NURSE'S AIDE	BOX NS18
15	OCCUPATIONAL THERAPIST (OT)	BOX NS18
16	OPTOMETRIST (OD)	BOX NS18
17	OSTEOPATH (DO)	BOX NS18
18	PARAMEDIC	BOX NS18

Value	Label	Route
19	PHYSICAL THERAPIST (PT)	BOX NS18
20	PHYSICIAN'S ASSISTANT	BOX NS18
21	PODIATRIST (FOOT DOCTOR)	BOX NS18
22	PSYCHOLOGIST	BOX NS18
23	RESPIRATORY THERAPIST	BOX NS18
24	SOCIAL/CASE WORKER	BOX NS18
25	SPEECH THERAPIST	BOX NS18
26	THERAPIST (MENTAL HEALTH)	BOX NS18
27	X-RAY TECHNICIAN	BOX NS18
28	LICENSED PRACTICAL NURSE (LPN)	BOX NS18
29	ACUPUNCTURIST	BOX NS18
30	HOMEOPATH	BOX NS18
31	MASSAGE THERAPIST	BOX NS18
32	NATUROPATH	BOX NS18
33	LICENSED PROFESSIONAL COUNSELOR [LPC]	BOX NS18
34	LAB TECHNICIAN	BOX NS18
91	OTHER MEDICAL PROVIDER SPECIALTY	NS18 - PROVSPoS
	Don't Know	BOX NS18
	Refused	BOX NS18

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
PROV.PROVSPEC	1



**FIELD 2: PROVSPPOS**

OTHER MEDICAL PROVIDER (SPECIFY)

**FIELD 2 ROUTING**

Value	Label	Route
1	[Continuous answer.]	BOX NS18

**FIELD 2 ATTRIBUTES**

Cheshire Name	Answers Allowed
PROV.PROVSPPOS	1

# BOX NS18

## **BOX INSTRUCTIONS**

IF (SP REPORTED RECEIVING HEALTH CARE SERVICES THROUGH V.A. IN THE CURRENT ROUND OR ANY PREVIOUS ROUND) AND (IF THIS PROVIDER IS ASSOCIATED WITH V.A. IS UNKNOWN), GO TO NS19 - VAPLACE.

ELSE GO TO BOX NS19.

# NS19

Yes/No

**QUESTION TEXT**

Is (PROVIDER NAME) associated with a Department of Veterans Affairs, or V.A. facility?

**FIELD 1: VAPLACE****FIELD 1 ROUTING**

Value	Label	Route
1	YES	BOX NS19
2	NO	BOX NS19
	Don't Know	BOX NS19
	Refused	BOX NS19

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
PROV.VAPLACE	1

# BOX NS19

## **BOX INSTRUCTIONS**

IF ALL EVENTS ADDED AT NS16 ARE 'IU' EVENT TYPE, GO TO NS14 - NSDATEUPD.

ELSE IF (SP COVERED BY A MANAGED CARE PLAN ANYTIME DURING THE CURRENT ROUND) AND (IF THIS PROVIDER IS ASSOCIATED WITH A MANAGED CARE PLAN IS UNKNOWN), GO TO NS20 - HMOASSOC.

ELSE IF (SP COVERED BY A MANAGED CARE PLAN ANYTIME DURING THE CURRENT ROUND) AND (THIS PROVIDER IS NOT ASSOCIATED WITH A MANAGED CARE PLAN), GO TO NS21 - HMOREFER.

ELSE GO TO NS22A\_IN - NAVIGATOR.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

We do not collect event details for 'IU' events.

# NS20

Yes/No

## QUESTION TEXT

Is (PROVIDER NAME) associated with [your/(SP's)] [READ MANAGED CARE PLAN NAME(S) BELOW] plan?

## FIELD 1: HMOASSOC

### FIELD 1 ROUTING

Value	Label	Route
1	YES	NS22A_IN - NAVIGATOR
2	NO	NS21 - HMOREFER
	Don't Know	NS21 - HMOREFER
	Refused	NS21 - HMOREFER

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
PROV.HMOASSOC	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display all managed care plans SP was covered by anytime during the current round.

Display managed care plan name(s) below question text.

Display plans in the following order: Medicare Managed Care plans, Medicaid Managed Care plans, and Private Managed Care plans. If there is more than one plan for any specific plan type, display in order of entry.

Column 1, header = "MANAGED CARE PLANS".

Column 1, display= If Medicaid Managed Care Plan, display "Medicaid Managed Care Plan".

Else display health insurance plan name "(PLAN NAME) Managed Care Plan".

# NS21

Yes/No

## QUESTION TEXT

[Were you/Was (SP)] referred to (PROVIDER NAME) by [READ  
MANAGED CARE PLAN NAME(S) BELOW]?

## FIELD 1: HMOREFER

### FIELD 1 ROUTING

Value	Label	Route
1	YES	NS22A_IN - NAVIGATOR
2	NO	NS22A - NOGOHMO
	Don't Know	NS22A_IN - NAVIGATOR
	Refused	NS22A_IN - NAVIGATOR

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
EVNT.HMOREFER	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display all managed care plans SP was covered by anytime during the current round.

Display managed care plan name(s) below question text.

Display plans in the following order: Medicare Managed Care plans, Medicaid Managed Care plans, and Private Managed Care plans. If there is more than one plan for any specific plan type, display in order of entry.

Column 1, header = "MANAGED CARE PLANS".

Column 1, display= If Medicaid Managed Care Plan, display "Medicaid Managed Care Plan".

Else display health insurance plan name "(PLAN NAME) Managed Care Plan".

**BACKGROUND VARIABLE ASSIGNMENTS**

HMOREFER is an EVENT level detail. The response to HMOREFER needs to be copied to EVNT.HMOREFER for event added at NS16.

Variable Name	Assignment Instructions
HMOREFER	Set EVNT.HMOREFER = NS21 - HMOREFER on each event added at NS16.

# NS22A

Code 1

## QUESTION TEXT

What is the most important reason [you/(SP)] did not see a doctor associated with [READ MANAGED CARE PLAN NAME(S) BELOW] or a doctor that [READ MANAGED CARE PLAN NAME(S) BELOW] would refer [you/(SP)] to?

## FIELD 1: NOGOHMO

### FIELD 1 ROUTING

Value	Label	Route
1	PLAN DOES NOT COVER THE SERVICE SP WANTED	NS22A_IN - NAVIGATOR
2	DIFFICULTY OR DELAY IN GETTING SERVICES	NS22A_IN - NAVIGATOR
3	SP PROVIDER PREFERENCE	NS22A_IN - NAVIGATOR
4	THIS SERVICE WAS COVERED BY OTHER INSURANCE SP HAS	NS22A_IN - NAVIGATOR
5	NOT IN A MANAGED CARE PLAN AT TIME OF EVENT	NS22A_IN - NAVIGATOR
6	NO CHOICE - MEDICAL EMERGENCY OR OUT OF SERVICE AREA	NS22A_IN - NAVIGATOR
91	OTHER	NS22A - NOGOHMOS
	Don't Know	NS22A_IN - NAVIGATOR
	Refused	NS22A_IN - NAVIGATOR

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
EVNT.NOGOHMO	1



**FIELD 2: NOGOHMOS**

OTHER (SPECIFY)

**FIELD 2 ROUTING**

Value	Label	Route
1	[Continuous answer.]	NS22A_IN - NAVIGATOR

**FIELD 2 ATTRIBUTES**

Cheshire Name	Answers Allowed
EVNT.NOGOHMOS	1

**OTHER PROGRAMMING INSTRUCTIONS****REPORT DISPLAY**

Display managed care plan name(s) below question text.

Display plans in the following order: Medicare Managed Care plans, Medicaid Managed Care plans, and Private Managed Care plans. If there is more than one plan for any specific plan type, display in order of entry.

Column 1, header = "MANAGED CARE PLANS".

Column 1, display= If Medicaid Managed Care Plan, display "Medicaid Managed Care Plan".

Else display health insurance plan name "(PLAN NAME) Managed Care Plan".

**BACKGROUND VARIABLE ASSIGNMENTS**

NOGOHMO and NOGOHMOS are EVENT level details.

The response to NOGOHMO needs to be copied to EVNT.NOGOHMO for each event added at NS16.

The response to NOGOHMOS needs to be copied to EVNT.NOGOHMOS for each event added at NS16.

Variable Name	Assignment Instructions
NOGOHMO	Set EVNT.NOGOHMO = NS22 - NOGOHMO on each event added at NS16.

Variable Name	Assignment Instructions
NOGOHMOS	Set EVNT.NOGOHMOS = NS22 - NOGOHMOS on each event added at NS16.

# NS22A\_IN

Instance Navigator

**FIELD 1: NAVIGATOR****FIELD 1 ROUTING**

Value	Label	Route
1	ITEM SELECTED IN INSTANCE NAVIGATOR	BOX NS22A
2	CONTINUE INTERVIEW SELECTED	NS14 - NSDATEUPD

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
N/A	1

**OTHER PROGRAMMING INSTRUCTIONS****BACKGROUND VARIABLE ASSIGNMENTS**

Roster details will be collected on EVNT:

EVNT key = EVNT.EVNTBASE + EVNT.EVNTNUM

EVNT.EVNTNUM = Number of event selected at NS16.

# BOX NS22A

## **BOX INSTRUCTIONS**

FOR THE EVENT ADDED AT NS16,

IF TYPE OF EVENT = 'DU', GO TO DU7 - DVPROCDR.

ELSE IF TYPE OF EVENT = 'ER', GO TO ER5 - CONDTION\_ER.

ELSE IF TYPE OF EVENT = 'IP', GO TO IP7 - ANYOPERS.

ELSE IF TYPE OF EVENT = 'OP', GO TO OP5 - ANYOPERS.

ELSE IF TYPE OF EVENT = 'MP', GO TO BOX NS22B.

ELSE GO TO BOX NS23B.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS22A calls the DU, ER, IP, OP Utilization sections, depending on EVNTTYPE of event added at NS16.

MP events are handled by BOX NS23A.

IU, SD, SL events do not get event details.

DU, ER, IP and OP returns to NS at BOX NS23B.

# BOX NS22B

## **BOX INSTRUCTIONS**

IF (PROVIDER SPECIALTY IS A MEDICAL DOCTOR) AND ((EVENT DATE OVERLAPS AN EXISTING IP EVENT) OR (EVENT DATE MATCHES AN EXISTING ER OR OP EVENT) GO TO NS23 - MPSDVIS.

ELSE GO TO BOX NS23A.

# NS23

Yes/No

## QUESTION TEXT

We have recorded that in (EVENT MONTH) [you were/(SP) was] also in [READ EVENT(S) LISTED BELOW]. Was this visit with (PROVIDER NAME) a visit while [you were/(SP) was] in [the [READ EVENT LISTED BELOW]/any of these places]?

## FIELD 1: MPSDVIS

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS23A
2	NO	BOX NS23A
	Don't Know	BOX NS23A
	Refused	BOX NS23A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
EVNT.MPSDVIS	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report below question text.

Display ER, IP, and OP events that overlap or match the MP event added at NS16.

Report Header: OVERLAPPING EVENT DATES

Column 1, header = "EVENT TYPE".

Column 1, display =

If EVNT.EVNTTYPE = 2/ER, display "Emergency Room".

Else if EVNT.EVNTTYPE = 5/IP, display "Hospital as an Inpatient".

Else if EVNT.EVNTTYPE = 9/OP, display "Outpatient Department".

Column 2, header = "EVENT DATE".

Column 2, display EVENT BEGIN DATE

Column 3, header = "EVENT END DATE".

Column 3, display EVENT END DATE

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
EVNTTYPE	If NS23 - MPSDVIS = 1/Yes, update MP event type to Separately Billing Doctor, EVNT.EVNTTYPE = 'SD'.
STEVTTYPE	If NS23 - MPSDVIS = 1/Yes, update MP Statement event type to Separately Billing Doctor, EVNT.STEVTTYPE = 2/SD.

# BOX NS23A

## **BOX INSTRUCTIONS**

IF NS23 ASKED AND NS23 - MPSDVIS = 1/Yes, GO TO BOX NS23B.

ELSE GO TO BOX MP2C.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS23A calls the MP Utilization section.

MP returns to NS at BOX NS23B.



# BOX NS23B

## **BOX INSTRUCTIONS**

GO TO NS22A\_IN - NAVIGATOR.

## **OTHER PROGRAMMING INSTRUCTIONS**

## **DESIGN NOTES**

Return from Utilization sections at BOX NS23B.

# NS24

## Roster

### QUESTION TEXT

SELECT THE EVENT DATE(S) THAT ARE INCLUDED IN THIS CHARGE BUNDLE.

### FIELD 1: EVENT NSDATE

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS24

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all events for this provider where:

EVNT.EVNTTYPE = 'DU', 'ER', 'IP', 'IU', 'OP', 'MP', 'SD', or 'SL', and  
 EVNT.EVNTPROV = the PROV.PROVNUM selected at NS13, and  
 EVNT.EVNTDFLG ^= 1/Yes

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Type	Display EVNT.EVNTTYPE.
2	Start Date	Display EVENT DATE in "Mon DD YYYY" format.

Column #	Header	Instructions
3	Stop Date	If (EVNT.EVNTTYPE = 'IU') or (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^=1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format.. Else do not display.
4	Status	If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON". Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV". Else do not display.
5	# Visits	If EVNT.VISTTYPE = 2/RepeatVisit, display EVNT.RVTIMES. Else do not display.
6	Round	Display 'R' + EVNT.EVNTRNDC. EX: R45

## BACKGROUND VARIABLE ASSIGNMENTS

Create an XCEV record for each event selected at NS24 to link the event to the charge bundle being asked about. XCEV record may already exist.

If XCEV record does not exist, create XCEV record:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected at NS24.

Set fields as specified below:

Variable Name	Assignment Instructions
XCEVCOST	Create XCEV where XCEV.XCEVCOST = this COST.COSTNUM.
XCEVEVNT	Create XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of EVNT selected.

Variable Name	Assignment Instructions
XCEVRNDC	Set XCEV.XCEVRNDC = current round.
DELLINK	If XCEV exists and XCEV.DEELLINK = 1/Yes, update XCEV.DEELLINK = empty.

**DESIGN NOTES**

Interviewer can only select events at this roster.

# BOX NS24

## **BOX INSTRUCTIONS**

IF AT LEAST ONE EVENT SELECTED AT NS24 IS A REPEAT VISIT, GO TO NS24A - RVLINKS.

ELSE GO TO NS25 - NSDATEMTCH.

# NS24A

Numeric

## QUESTION TEXT

ENTER THE NUMBER OF (EVENT TYPE) VISITS IN (EVENT MONTH, YEAR) THAT ARE COVERED BY THIS CHARGE.

## FIELD 1: RVLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS24A
	Don't Know	BOX NS24A
	Refused	BOX NS24A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.RVLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of visits on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of Repeat Visit event currently being asked about.

# BOX NS24A

## **BOX INSTRUCTIONS**

IF ANOTHER EVENT SELECTED AT NS24 IS A REPEAT VISIT, GO TO NS24A - RVLINKS.  
ELSE GO TO NS25 - NSDATEMTCH.

# NS25

Code 1

## QUESTION TEXT

ARE ALL THE PROVIDER EVENTS FROM THE CHARGE BUNDLE SHOWN BELOW?

## FIELD 1: NSDATEMTCH

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS26
2	NO, NEED TO ADD A PROVIDER EVENT	NS13 - PROVIDER_NSDATE
3	NO, NEED TO REMOVE A PROVIDER EVENT	NS26 - EVENT_NSDATEDEL

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report below question text.

Display all Events linked to this charge bundle where XCEV.XCEVEVNT = the EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for the Charge Bundle and XCEV.DELLINK ^=1/Yes. Display PMs followed by OM events, HH events and then other provider service events.

NOTE: This report is shared by other questions. Not all Event types will be applicable at each screen.

Report header: EVENTS IN CHARGE BUNDLE

Report layout:

Column 1, header =Type



Display EVNT.EVNTTYPE

Column 2, NO HEADER.

If EVNT.RENTPROB=2/Rent and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display "R".

Else do not display.

Column 3, header = Description

If EVNT.EVNTTYPE = OM then

If EVNT.STOMTYPE = 91, display EVOS.EVOSTEXT on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM.

Else display EVNT.STOMTYPE response text.

Else if EVNT.EVNTTYPE = PM, display EVNT.PMEDNAME.

Else display PROV.PROVNAME on PROV where PROV.PROVNUM = this EVNT.EVNTPROV.

Column 4, header = Start Date

If (EVNT.EVNTTYPE = DU, ER, IP, IU, OP, MP, SD or SL) or

(EVNT.EVNTTYPE = OM and  
 ((EVNT.OTHRTYPE ^= 5/OstomySupplies and  
 ^= 6/IncontinenceSupplies and ^= 7/Bandages) or  
 (EVNT.OTHRTYPE = EMPTY)) and  
 ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY))),

display EVENT DATE in "Mon DD YYYY" format.

Else do not display.

Column 5, header = Stop Date

If (EVNT.EVNTTYPE = IU) or

(EVNT.EVNTTYPE = IP and  
 EVNT.IPSTATUS ^= 1/StillInHospital) or

(EVNT.EVNTTYPE = OM and EVNT.RENTPROB = 2/Rent and  
 (EVNT.RENTSTIL = 2/No, DK, or RF) and  
 ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or  
 (EVNT.RENT2BUY = EMPTY))),

display EVNT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 6, header = Status

If EVNT.VISTTYPE = 2/RepeatVisit, display "RV".

Else if

(EVNT.EVNTTYPE = OM and  
EVNT.OMSTATUS = 1/AlterationNotComplete) or

(EVNT.EVNTTYPE = IP and EVNT.IPSTATUS = 1/StillInHospital),

display "ON".

Else if EVNT.RENTSTIL = 1/Yes, display "RR".

Else if EVNT.RENT2BUY=2/PurchasedRentToBuy, display "OW".

Else do not display.

Column 7, header = # Visits

If EVNT.VISTTYPE = 2/RepeatVisit, display XCEV.RVLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for  
this charge bundle.

Else do not display.

Column 8, header = # Purchases

If (EVNT.EVNTTYPE = PM) or  
(EVNT.EVNTTYPE = OM and  
(EVNT.OTHRTYPE = 5/OstomySupplies,  
6/IncontinenceSupplies, or 7/Bandages)),

display XCEV.NUMLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and  
XCEV.XCEVCOST = the COST.COSTNUM for this charge bundle.

Else do not display.

Column 9,

If Event Date is out of Survey Reference Period, display "ORP".

Else do not display.

# NS26

## Roster

### QUESTION TEXT

SELECT THE EVENT(S) THAT YOU WOULD LIKE TO REMOVE FROM THE CHARGE BUNDLE.

### FIELD 1: EVENT NSDATEDEL

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS25 - NSDATEMTCH

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Provider Service events linked to this charge bundle:

There is an EVNT where:

EVNT.EVNTTYPE = 'DU', 'ER', 'IP', 'IU', 'OP', 'MP', 'SD', or 'SL', and

There is an XCEV where:

XCEV.XCEVEVNT = this EVNT.EVNTNUM, and

XCEV.XCEVCOST = COST.COSTNUM for this charge bundle, and

XCEV.DELLINK ^= 1/Yes.

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Type	Display EVNT.EVNTTYPE.

Column #	Header	Instructions
2	Start Date	Display EVENT DATE in "Mon DD YYYY" format.
3	Stop Date	If (EVNT.EVNTTYPE = 'IU') or (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^=1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
4	Status	If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON". Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV". Else do not display.
5	# Visits	If EVNT.VISTTYPE = 2/RepeatVisit, display XCEV.RVLINKS on XCEV where XCEV.XCEVEVNT=this EVNT.EVNTNUM and XCEV.XCEVCOST=COST.COSTNUM for this charge bundle. Else do not display.
6	Round	Display 'R' + EVNT.EVNTRNDC. EX: R45

## BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected at NS26

Each Event selected at NS26 will be flagged as "deleted" on XCEV. The event will no longer being "linked" to the charge bundle being asked about. See detailed instructions below.

Variable Name	Assignment Instructions
DELLINK	Set XCEV.DEELLINK = 1/Yes on XCEV where XCEV.XCEVCOST = this COST.COSTNUM and XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected.

**DESIGN NOTES**

Interviewer can only select events at this roster.

# BOX NS26

## **BOX INSTRUCTIONS**

IF NS12 – INCTYPE INCLUDES 2/HHVisits, GO TO NS27 - PROVIDER\_HH.

ELSE GO TO BOX NS33.

# NS27

## Roster

### QUESTION TEXT

WHICH HOME HEALTH PROVIDER IS IN THIS CHARGE BUNDLE?

SELECT OR ADD ONLY ONE PROVIDER.

### FIELD 1: PROVIDER HH

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS28A

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Providers except for Providers where PROV.PROVNUM=01 and 02, which are reserved for PM and OM events.

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Provider Name	Display PROV.PROVNAME.

#### BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on PROV:

PROV key = PROV.PROVBASE + PROV.PROVNUM

PROV.PROVNUM = Number of Provider selected at N27.

If Provider added at Provider Roster, see PROVIDER ROSTER POP-UP specifications for pop-up window programming instructions.

Variables populated in Provider Roster Pop-Up Window:

PROV.PROVNUM      Provider number  
PROV.PROVRNDC    Round number  
PROV.PROVNAME    Provider name

Set COST.COSTPROV = Provider selected at NS27. See additional instructions below.

Variable Name	Assignment Instructions
COSTPROV	COST.COSTPROV = PROV.PROVNUM of provider selected at NS27.

## DESIGN NOTES

Interviewer can add or select Provider at this roster.



# BOX NS28A

## **BOX INSTRUCTIONS**

IF (HOME HEALTH PROVIDER WAS ADDED AT NS27) OR (AN EXISTING PROVIDER WAS SELECTED AT NS27 THAT WAS NOT ASSOCIATED WITH A HOME HEALTH EVENT), GO TO NS30 - HHEVNTTYPE.

ELSE GO TO BOX NS31B.

# NS30

Code 1

## QUESTION TEXT

IS THE PROVIDER A HOME HEALTH PROFESSIONAL OR SOME OTHER TYPE OF HOME HEALTH PROVIDER (HOME HEALTH AIDE, HOMEMAKER, ETC.)?

## FIELD 1: HHEVNTTYPE

### FIELD 1 ROUTING

Value	Label	Route
1	HOME HEALTH PROFESSIONAL	NS31 - NSHHINTRO
2	OTHER HOME HEALTH PROVIDER	NS31 - NSHHINTRO

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Set Provider Type based on NS30 - HHEVNTTYPE:

Variable Name	Assignment Instructions
PROVTYPE	If NS30 - HHEVNTTYPE = 1/HP, set PROV.PROVTYPE = 6/HomeHealthProfessionals. Else set PROV.PROVTYPE = 7/HomeHealthNotHHMembers.

# NS31

No Entry

**QUESTION TEXT**

Before we continue with this statement, I would like to ask you a few questions about the home health provider I just added.

**FIELD 1: NSHHINTRO****FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	BOX NS31A
	Empty	BOX NS31A

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

# BOX NS31A

## **BOX INSTRUCTIONS**

IF NS30 - HHEVNTTYPE = 1/HP, GO TO HH3 - PROVSPEC.

ELSE GO TO HH20 - HHFTYPE.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS31A calls the Home Health Utilization Section.

Event details will be collected on EVNT where EVNT.EVNTPROV = PROV.PROVNUM of Provider selected at NS27 and EVNT.EVNTTYPE = HP or HF. The EVNT record will be identified or created while administering the HH questions.

Home Health returns to NS at BOX NS31B.

# BOX NS31B

## **BOX INSTRUCTIONS**

LINK HOME HEALTH PROVIDER TO CHARGE BUNDLE

GO TO NS32 - NSHHMTCH.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

Create an XCEV record to link Home Health event to the charge bundle being asked about.  
XCEV record may already exist.

If XCEV record does not exist, create XCEV record:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of Home Health event currently being asked about.

Set fields as specified below:

Variable Name	Assignment Instructions
XCEVCOST	Create XCEV where XCEV.XCEVCOST = this COST.COSTNUM.
XCEVEVNT	Create XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of Home Health EVNT currently being asked about.
XCEVRNDC	Set XCEV.XCEVRNDC = current round.
DELLINK	If XCEV exists and XCEV.DEELLINK = 1/Yes, update XCEV.DEELLINK = empty.

## **DESIGN NOTES**

Return from Home Health Section at BOX NS31B.

# NS32

Code 1

## **QUESTION TEXT**

THE FOLLOWING HOME HEALTH PROVIDER EVENT HAS BEEN ADDED TO THIS CHARGE BUNDLE.

PLEASE ENTER A COMMENT IF THIS EVENT WAS ENTERED IN ERROR OR IF ANOTHER HOME HEALTH EVENT SHOULD BE INCLUDED IN THIS CHARGE BUNDLE.

## **FIELD 1: NSHHMTCH**

### **FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	BOX NS33
	Empty	BOX NS33

### **FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

## **OTHER PROGRAMMING INSTRUCTIONS**

### **REPORT DISPLAY**

Display report below question text.

Display all Events linked to this charge bundle where XCEV.XCEVEVNT = the EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for the Charge Bundle and XCEV.DELLINK ^=1/Yes. Display PMs followed by OM events, HH events and then other provider service events.

NOTE: This report is shared by other questions. Not all Event types will be applicable at each screen.

Report header: EVENTS IN CHARGE BUNDLE

Report layout:

Column 1, header =Type

Display EVNT.EVNTTYPE

Column 2, NO HEADER.

If EVNT.RENTPROB=2/Rent and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display "R".

Else do not display.

Column 3, header = Description

If EVNT.EVNTTYPE = OM then

If EVNT.STOMTYPE = 91, display EVOS.EVOSTEXT on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM.

Else display EVNT.STOMTYPE response text.

Else if EVNT.EVNTTYPE = PM, display EVNT.PMEDNAME.

Else display PROV.PROVNAME on PROV where PROV.PROVNUM = this EVNT.EVNTPROV.

Column 4, header = Start Date

If (EVNT.EVNTTYPE = DU, ER, IP, IU, OP, MP, SD or SL) or

(EVNT.EVNTTYPE = OM and  
 ((EVNT.OTHRTYPE ^= 5/OstomySupplies and  
 ^= 6/IncontinenceSupplies and ^= 7/Bandages) or  
 (EVNT.OTHRTYPE = EMPTY)) and  
 ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY))),

display EVENT DATE in "Mon DD YYYY" format.

Else do not display.

Column 5, header = Stop Date

If (EVNT.EVNTTYPE = IU) or

(EVNT.EVNTTYPE = IP and  
 EVNT.IPSTATUS ^= 1/StillInHospital) or

(EVNT.EVNTTYPE = OM and EVNT.RENTPROB = 2/Rent and  
 (EVNT.RENTSTIL = 2/No, DK, or RF) and  
 ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or  
 (EVNT.RENT2BUY = EMPTY))),

display EVNT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 6, header = Status

If EVNT.VISTTYPE = 2/RepeatVisit, display "RV".

Else if

(EVNT.EVNTTYPE = OM and  
EVNT.OMSTATUS = 1/AlterationNotComplete) or

(EVNT.EVNTTYPE = IP and EVNT.IPSTATUS = 1/StillInHospital),

display "ON".

Else if EVNT.RENTSTIL = 1/Yes, display "RR".

Else if EVNT.RENT2BUY=2/PurchasedRentToBuy, display "OW".

Else do not display.

Column 7, header = # Visits

If EVNT.VISTTYPE = 2/RepeatVisit, display XCEV.RVLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for  
this charge bundle.

Else do not display.

Column 8, header = # Purchases

If (EVNT.EVNTTYPE = PM) or  
(EVNT.EVNTTYPE = OM and  
(EVNT.OTHRTYPE = 5/OstomySupplies,  
6/IncontinenceSupplies, or 7/Bandages)),

display XCEV.NUMLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and  
XCEV.XCEVCOST = the COST.COSTNUM for this charge bundle.

Else do not display.

Column 9,

If Event Date is out of Survey Reference Period, display "ORP".

Else do not display.



# BOX NS33

## **BOX INSTRUCTIONS**

IF NS12 – INCTYPE INCLUDES 3/OMExpenses, GO TO NS34 - NSOMUPD.  
ELSE GO TO BOX NS40.

# NS34

Code 1

## **QUESTION TEXT**

THE FOLLOWING OME EVENTS HAVE BEEN ENTERED.

DO YOU NEED TO ADD OR EDIT AN OME EVENT FOR THIS CHARGE BUNDLE?

## **FIELD 1: NSOMUPD**

### **FIELD 1 ROUTING**

Value	Label	Route
1	NO, DO NOT NEED TO ADD OR EDIT OM EVENT	NS37 - EVENT_NSOM
2	YES, NEED TO ADD AN OME EVENT	NS36 - NSOMADD
3	YES, NEED TO EDIT AN OME EVENT	NS35 - EVENT_NSOMEDIT

### **FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

## **OTHER PROGRAMMING INSTRUCTIONS**

### **REPORT DISPLAY**

Display Report below Question Text.

Display all other medical expense items where:

EVNT.EVNTDFLG^=1/Yes, and  
EVNT.EVNTTYPE = OM.

Display in order of entry.

Report Header = OTHER MEDICAL EXPENSE EVENTS

Column 1, Display =

If EVNT.RENTPROB=2/Rent and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display "R".

Column 2, Header = "OME Type".

Column 2, Display =

If EVNT.STOMTYPE = 91/Other, display Other Specify Text, EVOS.EVOSTEXT, on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM.

Else display EVNT.STOMTYPE response text.

Column 3, Header =

"Purchase or Repair/Rental Date".

Column 3, Display =

If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and ^= 6/IncontinenceSupplies and ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)) and ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY)), display EVNT DATE in "Mon DD YYYY" format.

Else do not display.

Column 4, Header =

"Rental Stop Date".

Column 4, Display =

If EVNT.RENTPROB = 2/Rent and (EVNT.RENTSTIL = 2/No, DK, or RF) and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display EVNT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 5, Header = "Status".

Column 5, Display =

If EVNT.OMSTATUS = 1/AlterationNotComplete, display "ON".

Else if EVNT.RENTSTIL = 1/Yes, display "RR".

Else if EVNT.RENT2BUY = 2/PurchasedRentToBuy, display "OW".

Else do not display.

Column 6, Header = "Round".

Column 6, Display =

If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and EVNT.OTHRTYPE ^= 6/IncontinenceSupplies and EVNT.OTHRTYPE ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)), display 'R' + EVNT.EVNTRNDC. EX: R45

Else do not display.

Column 7, Display =

If Event Date is out of the Survey Reference Period, display "ORP".  
Else do not display.

# NS35

## Roster

### QUESTION TEXT

SELECT AND EDIT THE OTHER MEDICAL EXPENSE EVENT THAT NEEDS CORRECTION.

### FIELD 1: EVENT NSOMEDIT

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS34 - NSOMUPD

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all other medical expense items where:

EVNT.EVNTDFLG^=1/Yes, and  
EVNT.EVNTTYPE = OM.

If (EVNT.OTHRTYPE=5/Ostomy Supplies, 6/Incontinence Supplies, or 7/Bandages) or  
(EVNT.OMSTATUS=1/Alteration NotComplete), display as protected row.

Display in order of entry.

**ROSTER/GRID DISPLAY**

<b>Column #</b>	<b>Header</b>	<b>Instructions</b>
2	OME Type	If EVNT.STOMTYPE = 91/Other, display Other Specify Text, EVOS.EVOSTEXT, on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM. Else display EVNT.STOMTYPE response text.
3	Purchase or Repair/Rental Date	If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and ^= 6/IncontinenceSupplies & ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)) & ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY)), display EVENT DATE in "Mon DD YYYY" format. Else do not display.
4	Rental Stop Date	If EVNT.RENTPROB = 2/Rent and (EVNT.RENTSTIL = 2/No, DK, or RF) and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
5	Status	If EVNT.OMSTATUS = 1/AlterationNotComplete, display "ON". Else if EVNT.RENTSTIL = 1/Yes, display "RR". Else if EVNT.RENT2BUY = 2/PurchasedRentToBuy, display "OW". Else do not display.

Column #	Header	Instructions
6	Round	If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and ^= 6/IncontinenceSupplies and ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)), display 'R' + EVNT.EVNTRNDC. EX: R45 Else do not display.

### BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on EVNT:

EVNT key = EVNT.EVNTBASE + EVNT.EVNTNUM

EVNT.EVNTNUM = Number of event selected at NS35.

If OM event is selected for editing, see STATEMENT OM EDIT ROSTER POP-UP specifications for pop-up window programming specifications.

Fields updated in Pop-Up window:

EVNT.EVBEGMM

EVNT.EVBEGDD

EVNT.EVBEGYY

EVNT.EVENDMM

EVNT.EVENDDD

EVNT.EVENDYY

Variable Name	Assignment Instructions
EVORPFLG	If Event date edited is outside the Survey Reference Period, set EVNT.EVORPFLG = 1/ORP. See General Specifications for setting this ORP flag.

### DESIGN NOTES

Interviewer can only select events to be edited at this roster.

# NS36

Code 1

## QUESTION TEXT

WHAT TYPE OF OTHER MEDICAL EXPENSE NEEDS TO BE ADDED?

## FIELD 1: NSOMADD

### FIELD 1 ROUTING

Value	Label	Route
1	GLASSES/CONTACTS	OM2 - EVENT_OMEYEG
2	HEARING/SPEECH DEVICE	OM4 - EVENT_OMHEAR
3	ORTHOPEDIC ITEM	OM6 - ORTHTYPE
4	DIABETIC SUPPLIES	OM10 - EVENT_OMDIAB
5	AMBULANCE/RESCUE	OM12 - EVENT_OMAMBL
6	PROSTHESIS	OM14 - EVENT_OMPROS
7	ALTERATIONS (HOME/CAR)	OM29 - ALTRTYPE
8	OXYGEN	OM19A - OXGNTYPE
9	KIDNEY DIALYSIS	OM21A - KDNYTYPE
10	ALL OTHER MEDICAL SUPPLIES	OM24 - OTHRTYPE

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### DESIGN NOTES

NS36 calls Other Medical Expense Section. Multiple OMs for type selected at NS36 may be added in OM section. EVNT records will be identified or created for Other Medical Expenses added in OM section.



OM returns to NS at BOX NS36.

# BOX NS36

## **BOX INSTRUCTIONS**

GO TO NS34 - NSOMUPD.

## **OTHER PROGRAMMING INSTRUCTIONS**

## **DESIGN NOTES**

Return to NS from Other Medical Expense Section.

# NS37

## Roster

### QUESTION TEXT

SELECT OTHER MEDICAL EXPENSES THAT ARE IN THIS CHARGE BUNDLE.

### FIELD 1: EVENT NSOM

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS37

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all other medical expense items where:

EVNT.EVNTDFLG^=1/Yes, and  
EVNT.EVNTTYPE = OM.

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
2	OME Type	If EVNT.STOMTYPE = 91/Other, display Other Specify Text, EVOS.EVOSTEXT, on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM. Else display EVNT.STOMTYPE response text.

Column #	Header	Instructions
3	Purchase or Repair/Rental Date	If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and ^= 6/IncontinenceSupplies & ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)) & ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY)), display EVENT DATE in "Mon DD YYYY" format. Else do not display.
4	Rental Stop Date	If EVNT.RENTPROB = 2/Rent and (EVNT.RENTSTIL = 2/No, DK, or RF) and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
5	Status	If EVNT.OMSTATUS = 1/AlterationNotComplete, display "ON". Else if EVNT.RENTSTIL = 1/Yes, display "RR". Else if EVNT.RENT2BUY = 2/PurchasedRentToBuy, display "OW". Else do not display.
6	Round	If ((EVNT.OTHRTYPE ^= 5/OstomySupplies and ^= 6/IncontinenceSupplies and ^= 7/Bandages) or (EVNT.OTHRTYPE = EMPTY)), display 'R' + EVNT.EVNTRNDC. EX: R45 Else do not display.

## BACKGROUND VARIABLE ASSIGNMENTS

Create an XCEV record for each event selected at NS37 to link the event to the charge bundle being asked about. XCEV record may already exist.

If XCEV record does not exist, create XCEV record:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected at NS37.

Set fields as specified below:

Variable Name	Assignment Instructions
XCEVCOST	Create XCEV where XCEV.XCEVCOST = this COST.COSTNUM.
XCEVEVNT	Create XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of EVNT selected.
XCEVRNDC	Set XCEV.XCEVRNDC = current round.
DELLINK	If XCEV exists and XCEV.DEELLINK = 1/Yes, update XCEV.DEELLINK = empty.

## DESIGN NOTES

Interviewer can only select events at this roster.

# BOX NS37

## **BOX INSTRUCTIONS**

IF AT LEAST ONE OTHER MEDICAL EXPENSE SELECTED AT NS37 IS RENTED, GO TO NS38 - MONTHCOV.

ELSE GO TO BOX NS38B.

# NS38

Numeric

## QUESTION TEXT

HOW MANY MONTHS ARE COVERED BY THIS CHARGE BUNDLE?

## FIELD 1: MONTHCOV

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS38 - MONCOV96
	Empty	NS38 - MONCOV96
	Don't Know	NS38 - MONCOV96
	Refused	NS38 - MONCOV96

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.MONTHCOV	1

## FIELD 2: MONCOV96

### FIELD 2 ROUTING

Value	Label	Route
1	LESS THAN 1 MONTH	BOX NS38A
	Empty	BOX NS38A

**FIELD 2 ATTRIBUTES**

<b>Cheshire Name</b>	<b>Answers Allowed</b>
NONE  WE NEED TO CREATE XCEV.MONCOV96 AND TRANSLATE MONTHCOV=96 TO MONCOV96=1.	1

**OTHER PROGRAMMING INSTRUCTIONS****BACKGROUND VARIABLE ASSIGNMENTS**

Collect # of months on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of OM Rental event being asked about.



# BOX NS38A

## **BOX INSTRUCTIONS**

IF ANOTHER OTHER MEDICAL EXPENSE SELECTED AT NS37 IS RENTED, GO TO NS38 - MONTHCOV.

ELSE GO TO BOX NS38B.

# BOX NS38B

## **BOX INSTRUCTIONS**

IF AT LEAST ONE OTHER MEDICAL EXPENSE SELECTED AT NS37 IS OSTOMY SUPPLIES, INCONTINENCE SUPPLIES OR BANDAGES, GO TO NS38A - NUMLINKS.

ELSE GO TO NS39 - NSOMMTCH.

# NS38A

Numeric

## QUESTION TEXT

HOW MANY PURCHASES OF (NAME OF OME ITEM) ARE COVERED BY THIS CHARGE BUNDLE?

## FIELD 1: NUMLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS38AA
	Don't Know	BOX NS38AA
	Refused	BOX NS38AA

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.NUMLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of purchases on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of OM Ostomy Supplies, Incontinence supplies, or bandages being asked about.

NS38A is asked of all Ostomy Supplies, Incontinence Supplies and Bandages linked to charge bundle.

However, in addition to collecting the number of purchases covered by the charge bundle at NS38A, if the OM event was added at OM24 - OTHRTYPE, we will copy NS38A - NUMLINKS

to the current round PMRO.GETNUM on PMRO where PMRO.PMRORND = current round and PMRO.PMROEVNT = this new OM event.

Variable Name	Assignment Instructions
GETNUM	If OM event was just added at OM24 - OTHRTYPE, set PMRO.GETNUM = this OM event's NS38A - NUMLINKS. Set on PMRO where PMRO.PMROEVNT = this OM EVNT.EVNTNUM and PMRO.PMRORND = current round.

# BOX NS38AA

## **BOX INSTRUCTIONS**

IF ANOTHER OTHER MEDICAL EXPENSE SELECTED AT NS37 IS OSTOMY SUPPLIES, INCONTINENCE SUPPLIES OR BANDAGES, GO TO NS38A - NUMLINKS.

ELSE GO TO NS39 - NSOMMTCH.

# NS39

Code 1

## QUESTION TEXT

ARE ALL THE OTHER MEDICAL EXPENSES FROM THE CHARGE BUNDLE SHOWN BELOW?

## FIELD 1: NSOMMTCH

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS40
2	NO, NEED TO ADD AN OME EVENT	NS34 - NSOMUPD
3	NO, NEED TO REMOVE AN OME EVENT	NS40 - EVENT_NSOMDEL

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report below question text.

Display all Events linked to this charge bundle where XCEV.XCEVEVNT = the EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for the Charge Bundle and XCEV.DELLINK ^=1/Yes. Display PMs followed by OM events, HH events and then other provider service events.

NOTE: This report is shared by other questions. Not all Event types will be applicable at each screen.

Report header: EVENTS IN CHARGE BUNDLE

Report layout:

Column 1, header =Type

Display EVNT.EVNTTYPE

Column 2, NO HEADER.

If EVNT.RENTPROB=2/Rent and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display "R".

Else do not display.

Column 3, header = Description

If EVNT.EVNTTYPE = OM then

If EVNT.STOMTYPE = 91, display EVOS.EVOSTEXT on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM.

Else display EVNT.STOMTYPE response text.

Else if EVNT.EVNTTYPE = PM, display EVNT.PMEDNAME.

Else display PROV.PROVNAME on PROV where PROV.PROVNUM = this EVNT.EVNTPROV.

Column 4, header = Start Date

If (EVNT.EVNTTYPE = DU, ER, IP, IU, OP, MP, SD or SL) or

(EVNT.EVNTTYPE = OM and  
 ((EVNT.OTHRTYPE ^= 5/OstomySupplies and  
 ^= 6/IncontinenceSupplies and ^= 7/Bandages) or  
 (EVNT.OTHRTYPE = EMPTY)) and  
 ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY))),

display EVENT DATE in "Mon DD YYYY" format.

Else do not display.

Column 5, header = Stop Date

If (EVNT.EVNTTYPE = IU) or

(EVNT.EVNTTYPE = IP and  
 EVNT.IPSTATUS ^= 1/StillInHospital) or

(EVNT.EVNTTYPE = OM and EVNT.RENTPROB = 2/Rent and  
 (EVNT.RENTSTIL = 2/No, DK, or RF) and  
 ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or  
 (EVNT.RENT2BUY = EMPTY))),

display EVNT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 6, header = Status

If EVNT.VISTTYPE = 2/RepeatVisit, display "RV".

Else if

(EVNT.EVNTTYPE = OM and  
EVNT.OMSTATUS = 1/AlterationNotComplete) or

(EVNT.EVNTTYPE = IP and EVNT.IPSTATUS = 1/StillInHospital),

display "ON".

Else if EVNT.RENTSTIL = 1/Yes, display "RR".

Else if EVNT.RENT2BUY=2/PurchasedRentToBuy, display "OW".

Else do not display.

Column 7, header = # Visits

If EVNT.VISTTYPE = 2/RepeatVisit, display XCEV.RVLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for  
this charge bundle.

Else do not display.

Column 8, header = # Purchases

If (EVNT.EVNTTYPE = PM) or  
(EVNT.EVNTTYPE = OM and  
(EVNT.OTHRTYPE = 5/OstomySupplies,  
6/IncontinenceSupplies, or 7/Bandages)),

display XCEV.NUMLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and  
XCEV.XCEVCOST = the COST.COSTNUM for this charge bundle.

Else do not display.

Column 9,

If Event Date is out of Survey Reference Period, display "ORP".

Else do not display.



# NS40

## Roster

### QUESTION TEXT

SELECT THE EVENT(S) THAT YOU WOULD LIKE TO REMOVE FROM THE CHARGE BUNDLE.

### FIELD 1: EVENT NSOMDEL

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS39 - NSOMMTCH

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all OME events linked to this charge bundle:

There is an EVNT where:  
EVNT.EVNTTYPE = 'OM', and

There is an XCEV where:  
XCEV.XCEVEVNT = this EVNT.EVNTNUM, and  
XCEV.XCEVCOST = COST.COSTNUM for this charge bundle, and  
XCEV.DELLINK ^= 1/Yes.

Display in order of entry.

**ROSTER/GRID DISPLAY**

<b>Column #</b>	<b>Header</b>	<b>Instructions</b>
2	OME Type	If EVNT.STOMTYPE = 91/Other, display Other Specify Text, EVOS.EVOSTEXT, on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM. Else display EVNT.STOMTYPE response text.
3	Purchase or Repair/Rental Date	If (EVNT.OTHRTYPE ^= 5/OstomySupplies and EVNT.OTHRTYPE ^= 6/IncontinenceSupplies and EVNT.OTHRTYPE ^= 7/Bandages) and (EVNT.OMSTATUS ^= 1/AlterationNotComplete), display EVENT DATE in "Mon DD YYYY" format. Else do not display.
4	Rental Stop Date	if (EVNT.RENTSTIL = 2/No, DK, or RF) and (EVNT.RENT2BUY ^= 2/PurchasedRentToBuy), display EVENT END DATE in "Mon DD YYYY" format. Else do not display.
5	Status	If EVNT.OMSTATUS = 1/AlterationNotComplete, display "ON". Else if EVNT.RENTSTIL = 1/Yes, display "RR". Else if EVNT.RENT2BUY = 2/PurchasedRentToBuy, display "OW". Else do not display.

Column #	Header	Instructions
6	# Purchases	If (EVNT.OTHRTYPE = 5/OstomySupplies, 6/IncontinenceSupplies, or 7/Bandages), display XCEV.NUMLINKS on XCEV where XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = this COST.COSTNUM. Else do not display.
7	Round	If (EVNT.OTHRTYPE ^= 5/OstomySupplies and EVNT.OTHRTYPE ^= 6/IncontinenceSupplies and EVNT.OTHRTYPE ^= 7/Bandages), 7/Bandages, display 'R' + EVNT.EVNTRNDC. EX: R45 Else do not display.

## BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected at NS40

Each Event selected at NS40 will be flagged as "deleted" on XCEV. The event will no longer be "linked" to the charge bundle being asked about. See detailed instructions below.

Variable Name	Assignment Instructions
DELLINK	Set XCEV.DELLINK = 1/Yes on XCEV where XCEV.XCEVCOST = this COST.COSTNUM and XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected.

## **DESIGN NOTES**

Interviewer can only select events at this roster.

# BOX NS40

## **BOX INSTRUCTIONS**

IF NS12 – INCTYPE INCLUDES 4/PMS, GO TO NS41 - EVENT\_NSPM.

ELSE GO TO BOX NS45.

# NS41

## Roster

### QUESTION TEXT

SELECT OR ADD ALL PRESCRIPTION MEDICINES THAT ARE IN THIS CHARGE BUNDLE.

### FIELD 1: EVENT NSPM

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS42 - NUMLINKS

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Prescription Medicine events where:

EVNT.EVNTDFLG ^=1/Yes, and  
EVNT.EVNTTYPE='PM'.

Display in alphabetical order.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Medicine	Display prescription medicine name, EVNT.PMEDNAME.
2	Strength	Display prescription medicine strength text field, EVNT.PMSTRUNI.

## BACKGROUND VARIABLE ASSIGNMENTS

Roster details will be collected on EVNT:

EVNT key = EVNT.EVNTBASE + EVNT.EVNTNUM

EVNT.EVNTNUM = Number of PM event selected at NS41.

If Prescription Medicine added at Prescription Medicine Roster, see PRESCRIPTION MEDICINE ROSTER POP-UP specifications for pop-up window programming instructions.

Variables populated at the Prescription Medicine Roster:

EVNT.EVNTNUM	Event number
EVNT.EVNTRNDC	Round number
EVNT.EVNTTYPE	PM
EVNT.PMEDNAME	Prescription Medicine name
EVNT.PMSTRUNI	Prescription Medicine strength text field
EVNT.EVNTPROV	02
BASE.LASTEVT	Highest EVNT.EVNTNUM

If PM added at NS41, create a current round PMRO:

PMRO key = PMRO.PMROBASE + PMRO.PMROEVNT + PMRO.PMRORND

PMRO.PMROEVNT = EVNT.EVNTNUM of PM event selected at NS41.

PMRO.PMRORND = current round.

Set PMRO fields as specified below.

FOR ALL PM'S SELECTED AT NS41 ("SELECTED" refers to any PM selected from Roster, whether or not PM was just ADDED or PRE-EXISTED on the roster), create an XCEV record for each PM event selected at NS41 to link the event to the charge bundle being asked about. XCEV record may already exist.

If XCEV record does not exist, create XCEV record:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of PM event selected at NS41.

Set fields as specified below:

Variable Name	Assignment Instructions
PMROEVNT	If PM added at NS41, create PMRO where PMRO.PMROEVNT = EVNT.EVNTNUM of event added.
PMRORND	If PM added at NS41, create PMRO where PMRO.PMRORND = current round.
PMROTYPE	If PM added at NS41, set PMRO.PMROTYPE = PM.
EVCHGFLG	If PM added at NS41, set EVNT.EVCHGFLG = 1/Yes.
XCEVCOST	For each PM selected at NS41, create XCEV where XCEV.XCEVCOST = this COST.COSTNUM.
XCEVEVNT	For each PM selected at NS41, create XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of PM selected (or added).
XCEVRNDC	Set XCEV.XCEVRNDC = current round.
DELLINK	If XCEV exists and XCEV.DEMLINK = 1/Yes, update XCEV.DEMLINK = empty.

## DESIGN NOTES

Interviewer can add and/or select PMs at this roster. We do not create PMROs for existing PMs that are selected.



# NS42

Grid

## QUESTION TEXT

HOW MANY PURCHASES OF EACH MEDICINE SHOWN BELOW ARE COVERED BY THIS CHARGE BUNDLE?

## FIELD 1: NUMLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS42
	Don't Know	BOX NS42
	Refused	BOX NS42

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.NUMLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### ROSTER/GRID INSTRUCTIONS

Display all Prescription Medicine events linked to this charge bundle:

There is an EVNT where:  
EVNT.EVNTTYPE = 'PM', and

There is an XCEV where:  
XCEV,XCEVEVNT = this EVNT.EVNTNUM, and  
XCEV.XCEVCOST = COST.COSTNUM for this charge bundle, and  
XCEV.DELLINK ^= 1/Yes.

Display in alphabetical order based on EVNT.PMEDNAME.

**ROSTER/GRID DISPLAY**

Column #	Header	Instructions
1	Medicine Name	Display the name and strength of the medicine, EVNT.PMEDNAME + ' ' + EVNT.PMSTRUNI. Display only.
2	# Purchases	XCEV.NUMLINKS. Input column 1.

**BACKGROUND VARIABLE ASSIGNMENTS**

Collect # of purchases on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of PM being asked about.

Variable Name	Assignment Instructions
GETNUM	If PM was added at NS41, set PMRO.GETNUM = this PM event's NS42 - NUMLINKS. Set on PMRO where PMRO.PMROEVNT = this PM EVNT.EVNTNUM and PMRO.PMRORND = current round.

# BOX NS42

## **BOX INSTRUCTIONS**

IF AT LEAST ONE PRESCRIPTION MEDICINE WAS ADDED AT NS41, GO TO NS43 - NSPMINTRO.

ELSE GO TO NS44 - NSPMMTCH.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

BOX NS42 should only route to NS43 if PM was added as a new PM event at NS41, not if the PM already existed on roster and was selected.

# NS43

No Entry

## QUESTION TEXT

Before we continue with this statement, I would like to ask you a few questions about the prescribed medicine(s) I just added. [It would be very helpful for the following questions if we could look at the bottle(s) or container(s) for the medicine(s).]

## FIELD 1: NSPMINTRO

### FIELD 1 ROUTING

Value	Label	Route
1	CONTINUE	PM6A_IN - NAVIGATOR
	Empty	PM6A_IN - NAVIGATOR

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### DESIGN NOTES

NS43 calls PM section. PM will collect event details for all PMs added at NS41.

PM returns to NS at BOX NS43.

# BOX NS43

## **BOX INSTRUCTIONS**

GO TO NS44 - NSPMMTCH.

## **OTHER PROGRAMMING INSTRUCTIONS**

## **DESIGN NOTES**

Return from PM section at BOX NS43.

# NS44

Code 1

## QUESTION TEXT

ARE ALL THE PRESCRIBED MEDICINES FROM THE CHARGE BUNDLE SHOWN BELOW?

## FIELD 1: NSPMMTCH

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS45
2	NO, NEED TO ADD A MEDICINE NAME	NS41 - EVENT_NSPM
3	NO, NEED TO REMOVE A MEDICINE NAME	NS45 - EVENT_NSPMDEL

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report below question text.

Display all Events linked to this charge bundle where XCEV.XCEVEVNT = the EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for the Charge Bundle and XCEV.DELLINK ^=1/Yes. Display PMs followed by OM events, HH events and then other provider service events.

NOTE: This report is shared by other questions. Not all Event types will be applicable at each screen.

Report header: EVENTS IN CHARGE BUNDLE

Report layout:

Column 1, header =Type

Display EVNT.EVNTTYPE

Column 2, NO HEADER.

If EVNT.RENTPROB=2/Rent and ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or (EVNT.RENT2BUY = EMPTY)), display "R".

Else do not display.

Column 3, header = Description

If EVNT.EVNTTYPE = OM then

If EVNT.STOMTYPE = 91, display EVOS.EVOSTEXT on EVOS where EVOS.EVOSEVNT = this EVNT.EVNTNUM.

Else display EVNT.STOMTYPE response text.

Else if EVNT.EVNTTYPE = PM, display EVNT.PMEDNAME.

Else display PROV.PROVNAME on PROV where PROV.PROVNUM = this EVNT.EVNTPROV.

Column 4, header = Start Date

If (EVNT.EVNTTYPE = DU, ER, IP, IU, OP, MP, SD or SL) or

(EVNT.EVNTTYPE = OM and  
 ((EVNT.OTHRTYPE ^= 5/OstomySupplies and  
 ^= 6/IncontinenceSupplies and ^= 7/Bandages) or  
 (EVNT.OTHRTYPE = EMPTY)) and  
 ((EVNT.OMSTATUS ^= 1/AlterationNotComplete) or (EVNT.OMSTATUS = EMPTY))),

display EVENT DATE in "Mon DD YYYY" format.

Else do not display.

Column 5, header = Stop Date

If (EVNT.EVNTTYPE = IU) or

(EVNT.EVNTTYPE = IP and  
 EVNT.IPSTATUS ^= 1/StillInHospital) or

(EVNT.EVNTTYPE = OM and EVNT.RENTPROB = 2/Rent and  
 (EVNT.RENTSTIL = 2/No, DK, or RF) and  
 ((EVNT.RENT2BUY ^= 2/PurchasedRentToBuy) or  
 (EVNT.RENT2BUY = EMPTY))),

display EVNT END DATE in "Mon DD YYYY" format.

Else do not display.

Column 6, header = Status

If EVNT.VISTTYPE = 2/RepeatVisit, display "RV".

Else if

(EVNT.EVNTTYPE = OM and  
EVNT.OMSTATUS = 1/AlterationNotComplete) or

(EVNT.EVNTTYPE = IP and EVNT.IPSTATUS = 1/StillInHospital),

display "ON".

Else if EVNT.RENTSTIL = 1/Yes, display "RR".

Else if EVNT.RENT2BUY=2/PurchasedRentToBuy, display "OW".

Else do not display.

Column 7, header = # Visits

If EVNT.VISTTYPE = 2/RepeatVisit, display XCEV.RVLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = the COST.COSTNUM for  
this charge bundle.

Else do not display.

Column 8, header = # Purchases

If (EVNT.EVNTTYPE = PM) or  
(EVNT.EVNTTYPE = OM and  
(EVNT.OTHRTYPE = 5/OstomySupplies,  
6/IncontinenceSupplies, or 7/Bandages)),

display XCEV.NUMLINKS on XCEV where  
XCEV.XCEVEVNT = this EVNT.EVNTNUM and  
XCEV.XCEVCOST = the COST.COSTNUM for this charge bundle.

Else do not display.

Column 9,

If Event Date is out of Survey Reference Period, display "ORP".

Else do not display.



# NS45

## Roster

### QUESTION TEXT

SELECT THE PRESCRIBED MEDICINE(S) THAT YOU WOULD LIKE TO REMOVE FROM THE CHARGE BUNDLE.

### FIELD 1: EVENT NSPMDEL

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS44 - NSPMMTCH

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Prescription Medicine events linked to this charge bundle:

There is an EVNT where:  
EVNT.EVNTTYPE = 'PM', and

There is an XCEV where:  
XCEV.XCEVEVNT = this EVNT.EVNTNUM, and  
XCEV.XCEVCOST = COST.COSTNUM for this charge bundle, and  
XCEV.DELLINK ^= 1/Yes.

Display in alphabetical order based on EVNT.PMEDNAME.

**ROSTER/GRID DISPLAY**

Column #	Header	Instructions
1	Medicine Name	Display name of PM, EVNT.PMEDNAME.
2	Strength	Display prescription medicine strength text field, EVNT.PMSTRUNI.
3	# Purchases	Display XCEV.NUMLINKS on XCEV where XCEV.XCEVEVNT = this EVNT.EVNTNUM and XCEV.XCEVCOST = COST.COSTNUM for this charge bundle.

**BACKGROUND VARIABLE ASSIGNMENTS**

Roster details will be collected on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT  
 XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.  
 XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.  
 XCEV.XCEVEVNT = EVNT.EVNTNUM of PM event selected at NS45.

Each PM Event selected at NS45 will be flagged as "deleted" on XCEV. The event will no longer being "linked" to the charge bundle being asked about. See detailed instructions below.

Variable Name	Assignment Instructions
DELLINK	Set XCEV.DEELLINK = 1/Yes on XCEV where XCEV.XCEVCOST = this COST.COSTNUM and XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected.

**DESIGN NOTES**

Interviewer can only select PMs at this roster.

# BOX NS45

## **BOX INSTRUCTIONS**

IF TOTAL CHARGE OR COPAY COLLECTED > 0, DK OR RF, GO TO NS64 - NSTCHGPAID.  
ELSE GO TO BOX NS64B.

# NS64

Code 1

## QUESTION TEXT

[[Have you/Has (SP)] or any other source [, such as (an insurance plan/TRICARE/TRICARE or an insurance plan),] already paid any of [the charge/the total charge/the copayment amount/this (TOTAL CHARGE)]?

## FIELD 1: NSTCHGPAID

### FIELD 1 ROUTING

Value	Label	Route
1	SP OR ANY SOURCE PAID	BOX NS64A
2	NOTHING HAS BEEN PAID	BOX NS64A
	Don't Know	BOX NS64A
	Refused	BOX NS64A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
TCHGPAID	<p>If NS64 - NSTCHGPAID = 1/SomeonePaid, set CORO.TCHGPAID = 1/Yes.</p> <p>Else if NS64 - NSTCHGPAID = 2/NothingPaid, set CORO.TCHGPAID = 2/No.</p> <p>Else if NS64 - NSTCHGPAID = DK, set CORO.TCHGPAID = DK.</p> <p>Else if NS64 - NSTCHGPAID = RF, set CORO.TCHGPAID = RF.</p>



# BOX NS64A

## **BOX INSTRUCTIONS**

IF SP OR ANY SOURCE HAS PAID, GO TO BOX NS64B.

ELSE IF (NOTHING HAS BEEN PAID) OR (RESPONDENT DOES NOT KNOW IF ANYTHING HAS BEEN PAID), GO TO BOX NS78B.

ELSE GO TO BOX NS80.

# BOX NS64B

## **BOX INSTRUCTIONS**

CREATE SOURCE OF PAYMENT ROSTER

GO TO NS65 - NSADDSOP1.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

TSOP table is loaded once for each new Charge Bundle being asked about in NS.

TSOP key = TSOP.TSOPBASE + TSOP.TSOPNUM.

Before proceeding, delete all TSOP records and load all eligible Sources of Payments:

1st Record:

Always store SP/FAMILY:

TSOP.TSOPTEXT = "SP/FAMILY"

TSOP.TSOPTYPE = 1/SPFamily

2nd Record:

Always store Provider discount:

TSOP.TSOPTEXT = "PROVIDER DISCOUNT/COURTESY"

TSOP.TSOPTYPE = 2/ProvDiscount

3rd Record:

Always store Medicare:

TSOP.TSOPTEXT = "MEDICARE".

TSOP.TSOPTYPE = 6/Medicare

TSOP.TSOPPLAN = '01'

TSOP.TSOPPTYP = 1/Medicare

TSOP.TSOPDISP = "(MCAR)".

Next, store all Medicare HMOs SP was covered by during the survey reference period (not flagged as deleted).

If there is a PLAN with PLAN.PLANTYPE = 5/MHMO and a PLRO where PLRO.PLRORND >= (current round -2), store MHMO plan:

TSOP.TSOPTEXT = PLAN.PLNAME

TSOP.TSOPTYPE = 8/MHMO

TSOP.TSOPPLAN = PLAN.PLANNUM of MHMO plan

TSOP.TSOPPTYP = PLAN.PLANTYPE of MHMO plan

TSOP.TSOPDISP = "(MHMO)".

Repeat for all MHMO plans.

Next, store VA if eligible.

If (INTTYPE=8/ExitInterviewHadPrev and previous round HRND.VACOVER=1/Yes) or  
(INTTYPE ^= 8/ExitInterviewHadPrev and current round HRND.VACOVER=1/Yes), store VA:

TSOP.TSOPTEXT = "V.A. - DEPT. OF VETERANS AFFAIRS"

TSOP.TSOPTYPE = 5/VA.

Next, store MEDICARE SUBSIDY:

TSOP.TSOPTEXT = "MEDICARE SUBSIDY"

TSOP.TSOPTYPE = 11/MedicareSubsidy.

Next, store EXTRA HELP:

TSOP.TSOPTEXT = "EXTRA HELP"

TSOP.TSOPTYPE = 12/ExtraHelp.

Next, store Medicaid, Public, Private, and Tricare plans SP was covered by during the survey reference period (not flagged as deleted).

If there is a PLAN with (PLAN.PLANTYPE = 2/Medicaid, 3/PublicPlan, 4/PrivatePlan, 6/Tricare or 7/MPDP) and a PLRO where PLRO.PLRORND >= (current round -2), store Plan:

TSOP.TSOPTEXT =

If PLAN.PLANTYPE = 2/Medicaid, TSOP.TSOPTEXT = 'MEDICAID/MEDICAID HMO';

Else if PLAN.PLANTYPE = 6/Tricare, TSOP.TSOPTEXT = "TRICARE".

Else TSOP.TSOPTEXT = PLAN.PLNAME;

If PLAN.PLANTYPE = 7/MPDP, set TSOP.TSOPTYPE = 10/MedicarePartD.

Else set TSOP.TSOPTYPE = 3/PlanNotMHMO

TSOP.TSOPPLAN = PLAN.PLANUM of HI plan.

TSOP.TSOPPYP = PLAN.PLANTYPE of HI plan.

TSOP.TSOPDISP =

If PLAN.PLANTYPE = 2/Medicaid, TSOP.TSOPDISP = "(MCAD)".

Else if PLAN.PLANTYPE = 3/PublicPlan, TSOP.TSOPDISP = "(PUBL)".

Else if PLAN.PLANTYPE = 4/PrivatePlan, TSOP.TSOPDISP = "(PRIV)".

Else if PLAN.PLANTYPE = 6/Tricare, TSOP.TSOPDISP = "(TRIC)".

Else if PLAN.PLANTYPE = 7/MPDP, TSOP.TSOPDISP = "(MPDP)".

Repeat for all Medicaid, Public, Private, Tricare and Medicare Prescription Drug plans.

Next, store Discount Membership Plans SP was covered by during the current round:

If there is a DMEM and a DMRO where DMRO.DMRORND = current round, store Discount Membership plan:

TSOP.TSOPTEXT = DMEM.DMNAMEX

TSOP.TSOPTYPE = 9/DM



TSOP.TSOPDMEM = DMEM.DMEMNUM

Repeat for all DMEMs.

Next, store all Other Sources of Payments (not flagged as deleted).

Store OSOP:

TSOP.TSOPTEXT = OSOP.OSOPTTEXT

TSOP.TSOPTYPE = 4/OSOP

TSOP.TSOPPOSOP = OSOP.OSOPNUM

TSOP.TSOPDISP = "(OTHER)".

Repeat for all OSOPs.

Variable Name	Assignment Instructions
TSOPNUM	Beginning with 01, create TSOP where TSOP.TSOPNUM = highest TSOP.TSOPNUM + 01.
TSOPTTEXT	Set TSOP.TSOPTEXT as specified above.
TSOPTYPE	Set TSOP.TSOPTYPE as specified above.
LOADFLAG	Set TSOP.LOADFLAG = 1/Yes.
TSOPPTYP	If SOP is a Health Insurance plan, set TSOP.TSOPPYTYPE = PLAN.PLANTYPE.
TSOPPLAN	If SOP is a Health Insurance plan, set TSOP.TSOPPLAN = PLAN.PLANNUM.
TSOPPOSOP	If SOP is an Other Source of Payment, set TSOP.TSOPPOSOP = OSOP.OSOPNUM.
TSOPDISP	Set TSOP.TSOPDISP as specified above.
TSOPDMEM	If SOP is a Discount Membership plan, set TSOP.TSOPDMEM = DMEM.DMEMNUM.

# NS65

Yes/No

## QUESTION TEXT

ARE ALL OF THE SOURCES OF PAYMENT FOR THIS CHARGE BUNDLE LISTED BELOW?

SELECT "NO" TO ADD A SOURCE OF PAYMENT.

## FIELD 1: NSADDSOP1

### FIELD 1 ROUTING

Value	Label	Route
1	YES	NS67 - TSOPAMT
2	NO	NS66 - SOP_NS1

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report above question text.

Display all eligible Source of Payments stored on TSOP based on the following logic:

Do not display TSOP.TSOPTYPE = 11/MedicareSubsidy and 12/ExtraHelp.

Display all remaining Sources of Payments in the following order based on TSOP.TSOPTYPE:

= 1/SPFamily

= 2/ProvDiscount

= 6/Medicare

= 8/MHMO

= 10/MedicarePartD

= 5/VA

= 3/PlanNotMHMO

= 4/OSOP

= 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Report header: SOURCES OF PAYMENT

Report layout:

Column 1, header="SOP NAME".

Column 1, display = TSOP.TSOPTEXT.

Column 2, header = "SOP TYPE".

Column 2, display =

If TSOP.TSOPDISP ^= empty, display TSOP.TSOPDISP.

Else do not display.

### **DESIGN NOTES**

NS65 is called from CPS when adding SOPs. TSOP will already be loaded in CPS section.

# NS66

## Roster

### QUESTION TEXT

ADD ALL ADDITIONAL SOURCES OF PAYMENT FOR THIS CHARGE BUNDLE.

### FIELD 1: SOP\_NS1

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NS67 - TSOPAMT

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all eligible Source of Payments stored on TSOP based on the following logic:

Do not display TSOP.TSOPTYPE = 11/MedicareSubsidy and 12/ExtraHelp.

Display all remaining Sources of Payments in the following order based on TSOP.TSOPTYPE:

- = 1/SPFamily
- = 2/ProvDiscount
- = 6/Medicare
- = 8/MHMO
- = 10/MedicarePartD
- = 5/VA
- = 3/PlanNotMHMO
- = 4/OSOP
- = 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Display all loaded Source of Payments as protected rows.

**ROSTER/GRID DISPLAY**

Column #	Header	Instructions
1	SOP Name	Display TSOP.TSOPTTEXT.
2	SOP Type	If TSOP.TSOPDISP ^= empty, display TSOP.TSOPDISP. Else do not display.

**BACKGROUND VARIABLE ASSIGNMENTS**

Roster details will be collected on TSOP:

TSOP key = TSOP.TSOPBASE + TSOP.TSOPNUM.

TSOP.TSOPNUM = Number of Source of Payment selected at NS66.

If adding SOP, see SOURCE OF PAYMENT ROSTER POP-UP specifications for pop-up window programming instructions.

Fields collected in Pop-Up window:

TSOP.TSOPNUM

TSOP.TSOPTTEXT

TSOP.TSOPISHI

# NS67

Grid

## QUESTION TEXT

Who (else) paid? How much did (SOURCE) pay?

ENTER ALL PAYMENT AMOUNTS. CORRECT PAYMENT AMOUNTS AS NECESSARY.

## FIELD 1: TSOPAMT

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS67A
	Empty	BOX NS67A
	Don't Know	BOX NS67A
	Refused	BOX NS67A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TSOP.TSOPAMT  SQL tblTSOP is not transformed to TSOP in Cheshire.	1

## OTHER PROGRAMMING INSTRUCTIONS

### ROSTER/GRID INSTRUCTIONS

Display all eligible Source of Payments stored on TSOP based on the following logic:

Do not display TSOP.TSOPTYPE = 11/MedicareSubsidy and 12/ExtraHelp.

Display all remaining Sources of Payments in the following order based on TSOP.TSOPTYPE:

= 1/SPFamily

= 2/ProvDiscount

= 6/Medicare

= 8/MHMO

= 10/MedicarePartD  
 = 5/VA  
 = 3/PlanNotMHMO  
 = 4/OSOP  
 = 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	SOP Name	Display TSOP.TSOPTEXT. Display Only.
2	SOP Type	If TSOP.TSOPDISP ^= empty, display TSOP.TSOPDISP. Else do not display. Display only.
3	SOP Payment	TSOP.TSOPAMT. Input field 1.

# BOX NS67A

## **BOX INSTRUCTIONS**

IF AT LEAST ONE SOURCE OF PAYMENT WAS ADDED AT NS66, GO TO BOX NS67B.

ELSE GO TO BOX NS69F.



# BOX NS67B

## **BOX INSTRUCTIONS**

IF AT LEAST ONE SOURCE OF PAYMENT ADDED AT NS66 IS A HEALTH INSURANCE PLAN, GO TO NS67BINT - PLANINTRO\_NS.

ELSE GO TO BOX NS69B.

# NS67BINT

No Entry

**QUESTION TEXT**

Before we continue, I would like to ask you a few questions about the health insurance plan(s) you just added.

**FIELD 1: PLANINTRO\_NS****FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	NS67B_IN - NAVIGATOR
	Empty	NS67B_IN - NAVIGATOR

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

# NS67B\_IN

Instance Navigator

**FIELD 1: NAVIGATOR****FIELD 1 ROUTING**

Value	Label	Route
1	ITEM SELECTED IN INSTANCE NAVIGATOR	BOX NS67C
2	CONTINUE INTERVIEW SELECTED	BOX NS69B

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
N/A	1

# BOX NS67C

## **BOX INSTRUCTIONS**

CREATE A NEW HEALTH INSURANCE PLAN FOR FIRST/NEXT SOURCE OF PAYMENT ADDED AT NS66

IF SOURCE OF PAYMENT IS A MEDICARE MANAGED CARE PLAN AND SP HAS A MEDICARE MANAGED CARE PLAN THAT IS CURRENT, GO TO NS68 - NSMHMOCHNG1.

ELSE IF SOURCE OF PAYMENT IS A MEDICARE MANAGED CARE PLAN AND SP DOES NOT HAVE A MEDICARE MANAGED CARE PLAN THAT IS CURRENT, GO TO NS69 - NSSOPCURR1.

ELSE IF SOURCE OF PAYMENT IS A MEDICARE PRESCRIPTION DRUG PLAN AND SP HAS A MEDICARE PRESCRIPTION DRUG PLAN THAT IS CURRENT, GO TO NS69A - NSMPDPCHNG.

ELSE IF SOURCE OF PAYMENT IS MEDICARE PRESCRIPTION DRUG PLAN AND SP DOES NOT HAVE A MEDICARE PRESCRIPTION DRUG PLAN THAT IS CURRENT, GO TO NS69B - NSSOPCURR2.

ELSE IF SOURCE OF PAYMENT IS MEDICAID, GO TO HI6 - COVTIME.

ELSE IF SOURCE OF PAYMENT IS A PUBLIC PLAN, GO TO HI13 - COVTIME.

ELSE IF SOURCE OF PAYMENT IS A PRIVATE PLAN, GO TO HI21 - COVTIME.

ELSE GO TO HIT2 - COVTIME.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

If SOP added is an MHMO, Public plan, Private plan, or Medicare Prescription Drug plan create a new PLAN and current round PLRO record. See detailed instructions below.

If SOP added is Medicaid then:

If there is a PLAN where PLAN.PLANTYPE=2/Medicaid, regardless if PLAN.PLANDFLG=1/Yes or LOSEPLFG ^= empty, this stopped Medicaid plan will be restarted. Update existing PLAN flags = empty and create a current round PLRO record. See detailed instructions below.

Else if there is no PLAN where PLAN.PLANTYPE=2/Medicaid, create a new PLAN and current round PLRO record. Set PLAN.PLNAME = MEDICAID. See detailed instructions below.

If SOP added is Tricare then:

If there is a PLAN where PLAN.PLANTYPE=6/Tricare, regardless if PLAN.PLANDFLG=1/Yes or LOSEPLFG ^= empty, this stopped Tricare plan will be restarted. Update existing PLAN flags = empty and create a current round PLRO record. See detailed instructions below.

Else if there is no PLAN where PLAN.PLANTYPE=6/Tricare, create a new PLAN and current round PLRO record. Set PLAN.PLNAME = TRICARE. See detailed instructions below.

PLAN KEY = PLAN.PLANBASE + PLAN.PLANNUM

PLRO KEY = PLRO.PLROBASE + PLRO.PLROPLAN + PLRO.PLRORND

Set PLAN/PLRO fields as instructed below:

Variable Name	Assignment Instructions
PLANNUM	If creating a new PLAN, create PLAN where PLAN.PLANNUM = highest PLAN.PLANNUM + 01.
PLANRNDC	If creating a new PLAN, set PLAN.PLANRNDC = current round.
PLANTYPE	Set PLANTYPE based on TSOPISHI: =1/Medicaid, PLANTYPE=2/Medicaid. =2/PublicPlan, PLANTYPE=3/PublicPlan. =3/PrivatePlan, PLANTYPE=4/PrivatePlan. =7/MHMO, PLANTYPE=5/MHMO. =9/Tricare, PLANTYPE=6/Tricare. =10/MedicarePartD, PLANTYPE=7/MPDP.
PLNAME	If creating a new PLAN, If SOP is Medicaid, set PLAN.PLNAME = "MEDICAID". Else if SOP is Tricare, set PLAN.PLNAME = "TRICARE". Else set PLAN.PLNAME = TSOP.TSOPTEXT.
PLROPLAN	Create PLRO where PLRO.PLROPLAN = new PLAN.PLANNUM.
PLRORND	PLRO.PLRORND = current round.
COVANYTM	If TSOP.TSOPISHI = 7/MHMO or 10/MedicarePartD, set PLRO.COVANYTM = 1/Yes.

Variable Name	Assignment Instructions
TSOPTYPE	If TSOP.TSOPISHI = 1/Medicaid, 2/PublicPlan, 3/PrivatePlan, 9/Tricare, set TSOP.TSOPTYPE = 3/PlanNotMHMO. Else if TSOP.TSOPISHI = 7/MHMO, set TSOP.TSOPTYPE = 8/MHMO. Else if TSOP.TSOPISHI=10/MedicarePartD, set TSOP.TSOPTYPE =10/MedicarePartD.
TSOPPTYP	Set TSOP.TSOPPTYP = PLAN.PLANTYPE.
TSOPPLAN	Set TSOP.TSOPPLAN = PLAN.PLANNUM.
TSOPDISP	Set TSOP.TSOPDISP based on PLAN.PLANTYPE: = 2/Medicaid, TSOPDISP = "(MCAD)". = 3/PublicPlan, TSOPDISP = "(PUBL)". = 4/PrivatePlan, TSOPDISP = "(PRIV)". = 5/MHMO, TSOPDISP = "(MHMO)". = 6/Tricare, TSOPDISP = "(TRIC)". =7/MPDP, TSOPDISP = "(MPDP)".
PLANDFLG	If restarting Medicaid or Tricare plan, set PLAN.PLANDFLG = empty.
LOSEPLFG	If restarting Medicaid or Tricare plan, set PLAN.LOSEPLFG = empty.
PLSOPFLG	If creating new PLAN, set PLAN.PLSOPFLG = 1/Yes.

## DESIGN NOTES

BOX NS67C calls HI section for Medicaid, Tricare, Public Plans, and Private Plans added to SOP roster.

NS68 and NS69 collects status of MHMO plan added to SOP roster. NS69 calls HI section for MHMO plan if "current".

HI returns to NS at BOX NS69A.

NS69A and NS69B collect the status of MPDP plan added to SOP roster. NS does not call HI section for MPDP plan details.

# NS68

Yes/No

## QUESTION TEXT

I recorded previously that (CURRENT MEDICARE MANAGED CARE PLAN NAME) was [your/(SP's)] current Medicare Managed Care Plan. Has this information changed?

## FIELD 1: NSMHMOCHNG1

### FIELD 1 ROUTING

Value	Label	Route
1	YES	NS69 - NSSOPCURR1
2	NO	BOX NS69A
	Don't Know	BOX NS69A
	Refused	BOX NS69A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
COVCURNT	If NS68 - NSMHMOCHNG1 = 2/No, DK, RF, set current round PLRO.COVCURNT = 2/No on MHMO PLAN added to SOP roster.

# NS69

Yes/No

## QUESTION TEXT

[Are you/Is (SP)/Was (SP)] (currently) covered or enrolled in (NS66 SOP MEDICARE MANAGED CARE PLAN NAME) [on (DATE OF DEATH/DATE OF INSTITUTIONALIZATION)]?

## FIELD 1: NSSOPCURR1

### FIELD 1 ROUTING

Value	Label	Route
1	YES	HIMC6 - MHMORX
2	NO	BOX NS69A
	Don't Know	BOX NS69A
	Refused	BOX NS69A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
COVCURNT	Set PLRO.COVCURNT on PLRO where PLRO.PLROPLAN = PLAN.PLANNUM of MHMO added at SOP roster and PLRO.PLRORND = current round: If NS69 - STSOPCURR1 = 1/Yes, set PLRO.COVCURNT = 1/Yes. Else set PLRO.COVCURNT = 2/No.



Variable Name	Assignment Instructions
COVCURNT	If NS68 - STMHMOCHNG1 = 1/Yes and NS69 - STSOPCURR1 = 1/Yes, update PLRO.PLROCOVURNT = 2/No on PLRO where PLRO.PLROPLAN = PLAN.PLANNUM of pre-existing current MHMO and PLRO.PLRORNDNC = current round.

**DESIGN NOTES**

NS69 calls HI section for MHMOs if MHMO added is current.

HI returns to NS at BOX NS69A.

# NS69A

Yes/No

## QUESTION TEXT

I recorded previously that (CURRENT MEDICARE PRESCRIPTION DRUG PLAN) was [your/(SP's)] current Medicare Prescription Drug Care Plan.

Has this information changed?

## FIELD 1: NSMPDPCCHNG

### FIELD 1 ROUTING

Value	Label	Route
1	YES	NS69B - NSSOPCURR2
2	NO	BOX NS69A
	Don't Know	BOX NS69A
	Refused	BOX NS69A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
COVCURNT	If NS69A - NSMDPDCHNG = 2/No, DK, RF, set current round PLRO.COVCURNT = 2/No for MPDP PLAN added to SOP roster.

# NS69B

Yes/No

## QUESTION TEXT

[Are you/Is (SP)/Was (SP)] (currently) covered or enrolled in (NS66 SOP MEDICARE PRESCRIPTION DRUG PLAN) [on (DATE OF DEATH/DATE OF INSTITUTIONALIZATION)]?

## FIELD 1: NSSOPCURR2

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NS69A
2	NO	BOX NS69A
	Don't Know	BOX NS69A
	Refused	BOX NS69A

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Variable Name	Assignment Instructions
COVCURNT	Set PLRO.COVCURNT on PLRO where PLRO.PLROPLAN = PLAN.PLANNUM of MPDP added at SOP roster and PLRO.PLRRND = current round: If NS69B - STSOPCURR2 = 1/Yes, set PLRO.COVCURNT = 1/Yes. Else set PLRO.COVCURNT = 2/No.

Variable Name	Assignment Instructions
COVCURNT	If NS69A - STMPDPCHNG = 1/Yes and NS69B - STSOPCURR2 = 1/Yes, update PLRO.PLROCOVURNT = 2/No on PLRO where PLRO.PLROPLAN = PLAN.PLANNUM of pre-existing current MPDP and PLRO.PLRORNDC = current round.

# BOX NS69A

## **BOX INSTRUCTIONS**

GO TO NS67B\_IN - NAVIGATOR.

## **OTHER PROGRAMMING INSTRUCTIONS**

## **DESIGN NOTES**

HI returns to NS at BOX NS69A.

# BOX NS69B

## **BOX INSTRUCTIONS**

IF AT LEAST ONE SOURCE OF PAYMENT ADDED AT NS66 IS A  
DISCOUNT MEMBERSHIP PLAN, GO TO NS69C - DMEMINTRO\_NS.

ELSE GO TO BOX NS69E.

# NS69C

No Entry

**QUESTION TEXT**

Before we continue, I would like to ask you a few questions about the discount membership plan(s) you just added.

**FIELD 1: DMEMINTRO NS****FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	NS69C_IN - NAVIGATOR
	Empty	NS69C_IN - NAVIGATOR

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

# NS69C\_IN

Instance Navigator

**FIELD 1: NAVIGATOR****FIELD 1 ROUTING**

Value	Label	Route
1	ITEM SELECTED IN INSTANCE NAVIGATOR	BOX NS69C
2	CONTINUE INTERVIEW SELECTED	BOX NS69E

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
N/A	1



# BOX NS69C

## **BOX INSTRUCTIONS**

CREATE A NEW DISCOUNT MEMBERSHIP PLAN FOR THE SOURCE OF PAYMENT  
ADDED AT NS66

GO TO DM4 - DMSERVIC.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

DM details are collected on DMEM and DMRO:

DMEM key = DMEM.DMEMBASE + DMEM.DMEMNUM

DMEM.DMEMNUM = Number of DM created at BOX ST69C.

DMRO key = DMRO.DMROBASE + DMRO.DMRODMEM + DMRO.DMRORND

DMRO.DMRODMEM = DMEM.DMEMNUM of DM created at BOX NS69C.

DMRO.DMRORND = current round.

Variable Name	Assignment Instructions
DMEMNUM	DMEM.DMEMNUM = highest DMEM.DMEMNUM + 01.
DMEMRND	DMEM.DMEMRND = current round.
DMRODMEM	DMRO.DMRODMEM = DMEM.DMEMNUM.
DMRORND	DMRO.DMRORND = current round.
DMHAVE	DMRO.DMHAVE = 1/Yes.
DMNAMEX	DMEM.DMNAMEX = TSOP.TSOPTTEXT.
DMSOPFLG	DMEM.DMSOPFLG = 1/Yes.
TSOPTYPE	TSOP.TSOPTYPE = 9/DM.
TSOPDMEM	TSOP.TSOPDMEM = DMEM.DMEMNUM.

**DESIGN NOTES**

Calls DM section for Discount Membership plans added to SOP roster.

DM returns to NS at BOX NS69D.

# BOX NS69D

## **BOX INSTRUCTIONS**

GO TO NS69C\_IN - NAVIGATOR.

## **OTHER PROGRAMMING INSTRUCTIONS**

## **DESIGN NOTES**

DM returns to NS at BOX NS69D.

# BOX NS69E

## **BOX INSTRUCTIONS**

IF AN "OTHER SOURCE OF PAYMENT" ADDED AT NS66, CREATE AN OSOP FOR EACH SOURCE OF PAYMENT ADDED AT NS66 THAT IS AN "OTHER SOURCE OF PAYMENT" .

GO TO BOX NS69F.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **BACKGROUND VARIABLE ASSIGNMENTS**

Other Source of Payment details will be collected on OSOP:

OSOP key = OSOP.OSOPBASE + OSOP.OSOPNUM

OSOP.OSOPNUM = Number of Other Source of Payment generated at BOX NS69E.

Create OSOP record for each OTHER SOURCE OF PAYMENT added at NS66.

Set OSOP fields as specified below.

Variable Name	Assignment Instructions
OSOPNUM	OSOP.OSOPNUM = highest OSOP.OSOPNUM + 01.
OSOPRND	OSOP.OSOPRND = current round.
OSOPTXT	OSOP.OSOPTXT = TSOP.TSOPTXT.
TSOPTYPE	TSOP.TSOPTYPE = 4/OSOP.
TSOPOSOP	TSOP.TSOPOSOP = OSOP.OSOPNUM.
TSOPDISP	TSOP.TSOPDISP = "(OTHER)".

# BOX NS69F

## **BOX INSTRUCTIONS**

IF (TOTAL CHARGE ^= DK AND TOTAL CHARGE ^= RF) AND (AT LEAST ONE PAYMENT ENTERED AT NS67 = DK OR RF) AND (AT LEAST ONE PAYMENT ENTERED AT NS67 ^= DK AND ^= RF) AND (TOTAL OF ALL NON-MISSING PAYMENTS ENTERED AT NS67 > TOTAL CHARGE), GO TO NS71 - AMTSCORR.

ELSE IF (TOTAL CHARGE ^= DK AND TOTAL CHARGE ^= RF) AND (ALL PAYMENTS ENTERED AT NS67 ^= DK AND ^= RF) AND (THE ABSOLUTE VALUE OF THE DIFFERENCE BETWEEN THE TOTAL PAYMENTS ENTERED AT NS67 AND TOTAL CHARGE IS > \$1.00), GO TO NS70 - AMTSCORR.

ELSE GO TO BOX NS77C.

# NS70

Code 1

## QUESTION TEXT

There seems to be (some amount still unpaid/more payments than the total charge).

[REVIEW WITH RESPONDENT.] The total of all payments is \$(TOTAL PAYMENTS). The amount (unpaid/overpaid) is \$(DIFFERENCE BETWEEN PAYMENTS AND TOTAL CHARGE). Is that correct?

## FIELD 1: AMTSCORR

### FIELD 1 ROUTING

Value	Label	Route
1	ENTRIES ABOVE ARE CORRECT	BOX NS77C
2	NO, SOP NEEDS ADDITION OR CORRECTION	NS65 - NSADDSOP1
3	AMOUNT REMAINING SEEMS INCORRECT	NS72 - ENTERCOM
	Don't Know	BOX NS77C
	Refused	BOX NS77C

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
CORO.AMTSCORR	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report above question text.

Display all Source of Payments where TSOP.TSOPAMT ^= empty in the following order based on TSOP.TSOPATYPE:  
= 1/SPFamily

= 2/ProvDiscount  
=11/MedicareSubsidy  
=12/ExtraHelp  
= 6/Medicare  
= 8/MHMO  
=10/MedicarePartD  
= 5/VA  
= 3/PlanNotMHMO  
= 4/OSOP  
= 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Not all TSOP.TSOPTYPEs will be applicable.

Report header:

"ALL PAYMENTS"

Report layout:

Column 1, header="SOP NAME".

Column 1, display = TSOP.TSOPTEXT.

Column 2, header = "PAYMENT".

Column 2, display =

If TSOP.TSOPAMT = DK, display "DK".

Else if TSOP.TSOPAMT = RF, display "RF".

Else display TSOP.TSOPAMT.

# NS71

Code 1

## QUESTION TEXT

THE AMOUNTS ENTERED FOR THE SOURCES OF PAYMENT EQUAL OR EXCEED THE TOTAL CHARGE, WITH AT LEAST ONE SOP BEING A MISSING AMOUNT. VERIFY ALL AMOUNTS AS ENTERED.

## FIELD 1: AMTSCORR

### FIELD 1 ROUTING

Value	Label	Route
1	ENTRIES ABOVE ARE CORRECT	BOX NS77C
2	NO, SOP NEEDS ADDITION OR CORRECTION	NS65 - NSADDSOP1
3	AMOUNT REMAINING SEEMS INCORRECT	NS72 - ENTERCOM
	Don't Know	BOX NS77C
	Refused	BOX NS77C

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
CORO.AMTSCORR	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report above question text.

Display all Source of Payments where TSOP.TSOPAMT ^= empty in the following order based on TSOP.TSOPATYPE:

= 1/SPFamily

= 2/ProvDiscount

=11/MedicareSubsidy



=12/ExtraHelp  
= 6/Medicare  
= 8/MHMO  
=10/MedicarePartD  
= 5/VA  
= 3/PlanNotMHMO  
= 4/OSOP  
= 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Not all TSOP.TSOPTYPEs will be applicable.

Report header:

"ALL PAYMENTS"

Report layout:

Column 1, header="SOP NAME".

Column 1, display = TSOP.TSOPTTEXT.

Column 2, header = "PAYMENT".

Column 2, display =

If TSOP.TSOPAMT = DK, display "DK".

Else if TSOP.TSOPAMT = RF, display "RF".

Else display TSOP.TSOPAMT.

# NS72

No Entry

## **QUESTION TEXT**

[THE TOTAL OF PAYMENTS IS \$(TOTAL PAYMENTS). THE AMOUNT (UNPAID/OVERPAID) IS \$(DIFFERENCE BETWEEN PAYMENTS AND TOTAL CHARGE).]

USE COMMENTS TO EXPLAIN WHY THE AMOUNT REMAINING SEEMS INCORRECT.

## **FIELD 1: ENTERCOM**

### **FIELD 1 ROUTING**

Value	Label	Route
1	CONTINUE	BOX NS77C
	Empty	BOX NS77C

### **FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1

## **OTHER PROGRAMMING INSTRUCTIONS**

### **REPORT DISPLAY**

Display report above question text.

Display all Source of Payments where TSOP.TSOPAMT ^= empty in the following order based on TSOP.TSOPATYPE:

- = 1/SPFamily
- = 2/ProvDiscount
- =11/MedicareSubsidy
- =12/ExtraHelp
- = 6/Medicare
- = 8/MHMO
- =10/MedicarePartD
- = 5/VA
- = 3/PlanNotMHMO

= 4/OSOP

= 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Not all TSOP.TSOPTYPEs will be applicable.

Report header:

"ALL PAYMENTS"

Report layout:

Column 1, header="SOP NAME".

Column 1, display = TSOP.TSOPTTEXT.

Column 2, header = "PAYMENT".

Column 2, display =

If TSOP.TSOPAMT = DK, display "DK".

Else if TSOP.TSOPAMT = RF, display "RF".

Else display TSOP.TSOPAMT.

# BOX NS77C

## BOX INSTRUCTIONS

CREATE PAYMENTS FOR AMOUNTS ENTERED AT NS67

GO TO BOX NS77D.

## OTHER PROGRAMMING INSTRUCTIONS

### **BACKGROUND VARIABLE ASSIGNMENTS**

Payments details are stored on PAYM:

PAYM key = PAYM.PAYMBASE + PAYM.PAYMCOST + PAYM.PAYMNUM.

PAYM.PAYMCOST = COST.COSTNUM of this charge bundle being asked about.

PAYM.PAYMNUM = Unique Number assigned to unique payer linked to this charge bundle.

PAYM records are only created for payers where TSOP.TSOPAMT  $\neq$  NULL.

TSOP.TSOPAMT may be  $\geq 0$ , DK, or RF.

Only one PAYM record will be created per unique payer per charge bundle, regardless of PAYM.PAYMRNDC.

### DETAILS:

For each payer where TSOP.TSOPAMT  $\geq 0$ , DK, or RF:

If TSOP.TSOPPAYM  $\neq$  NULL then do;

There is a PAYM record linked to this charge bundle for this payer where TSOP.TSOPPAYM = PAYM.PAYMCOST + PAYM.PAYMNUM and PAYM.PAYMCOST = this charge bundle COST.COSTNUM.

Update existing PAYM.PAYMAMT = TSOP.TSOPAMT.

Else if there is a PAYM where PAYM.PAYMCOST = this charge bundle COST.COSTNUM and

((TSOP.TSOPTYPE = 1/SPFamily and PAYM.PAYMTYPE = 1/SPFamily) or

(TSOP.TSOP TYPE = 2/ProvDiscount and PAYM.PAYMTYPE = 2/ProvDiscount) or

(TSOP.TSOPTYPE = 5/VA and PAYM.PAYMTYPE = 5/VA) or

(TSOP.TSOPTYPE = 6/Medicare and PAYM.PAYMTYPE = 6/Medicare) or

(TSOP.TSOPTYPE = 7/OtherMilitaryPlanNotVA and PAYM.PAYMTYPE =

7/OtherMilitaryPlanNotVA) or

(TSOP.TSOPTYPE = 11/MedicareSubsidy and PAYM.PAYMTYPE = 11/MedicareSubsidy)

or

(TSOP.TSOPTYPE = 12/ExtraHelp and PAYM.PAYMTYPE = 12/ExtraHelp) or

((TSOP.TSOPTYPE = 4/OSOP and PAYM.PAYMTYPE = 4/OSOP) and (TSOP.TSOPOSOP = PAYM.PAYMOSOP)) or

((TSOP.TSOPTYPE = 9/DM and PAYM.PAYMTYPE = 9/DM) and (TSOP.TSOPDMEM = PAYM.PAYMDMEM)) or

((TSOP.TSOPTYPE = 3/PlanNotMHMO and PAYM.PAYMTYPE = 3/PlanNotMHMO) and (TSOP.TSOPPLAN = PAYM.PAYMPLAN)) or

((TSOP.TSOPTYPE = 8/MHMO and PAYM.PAYMTYPE = 8/MHMO) and (TSOP.TSOPPLAN = PAYM.PAYMPLAN)) or

((TSOP.TSOPTYPE = 10/MedicarePartD and PAYM.PAYMTYPE = 10/MedicarePartD) and (TSOP.TSOPPLAN = PAYM.PAYMPLAN))), then do:

This PAYM record is linked to the current round charge bundle for this payer.

Update PAYM.PAYMAMT = TSOP.TSOPAMT.

Else do;

Create a new current round PAYM record for this payer.

Set PAYM.PAYMAMT = TSOP.TSOPAMT.

Set additional fields on PAYM as specified below.

Variable Name	Assignment Instructions
PAYMCOST	If creating a new PAYM record, create PAYM where PAYM.PAYMCOST = this COST.COSTNUM.
PAYMNUM	If creating a new PAYM record, set PAYM.PAYMNUM = highest PAYM.PAYMNUM for PAYM.PAYMCOST + 01.
PAYMRNDC	If creating a new PAYM record, set PAYM.PAYMRNDC = current round.
PAYMTYPE	If creating a new PAYM record, set PAYM.PAYMTYPE = TSOP.TSOPTYPE.
PAYMPLAN	If creating a new PAYM record, if TSOP.TSOPTYPE = 3/PlanNotMHMO, 8/MHMO or 10/MedicarePartD, set PAYM.PAYMPLAN = TSOP.TSOPPLAN.
PAYMOSOP	If creating a new PAYM record, if TSOP.TSOPTYPE = 4/OSOP, set PAYM.PAYMOSOP = TSOP.TSOPOSOP.
PAYMISHI	If creating a new PAYM record, if TSOP.TSOPISHI ^= empty, set PAYM.PAYMISHI = TSOP.TSOPISHI.
PAYMAMT	PAYM.PAYMAMT = TSOP.TSOPAMT.
PAYMDMEM	If creating a new PAYM record, if TSOP.TSOPTYPE = 9/DM, set PAYM.PAYMDMEM = TSOP.TSOPDMEM.

# BOX NS77D

## **BOX INSTRUCTIONS**

IF THE SP OR FAMILY MADE A PAYMENT AND PAYMENT IS GREATER THAN \$5.00, GO TO NS78 - EXPPAYBK.

ELSE GO TO BOX NS80.

# NS78

Yes/No

**QUESTION TEXT**

I have recorded that [you have/(SP) has] paid \$(SP/FAMILY PAYMENT). Do you expect any source to pay [you/(SP)] back any or all of that amount?

**FIELD 1: EXPPAYBK****FIELD 1 ROUTING**

Value	Label	Route
1	YES	BOX NS78A
2	NO	BOX NS78A
	Don't Know	BOX NS78A
	Refused	BOX NS78A

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
CORO.EXPPAYBK	1

# BOX NS78A

## **BOX INSTRUCTIONS**

IF NS78 - EXPPAYBK = 1/Yes AND ((CURRENTLY ADMINISTERING CPS AND CHARGES WERE FIRST COLLECTED 2 ROUNDS PREVIOUS TO CURRENT ROUND) OR (CURRENTLY ADMINISTERING CPS AND CHARGES WERE FIRST COLLECTED IN R50) OR (SP IS IN THE EXIT SAMPLE)), GO TO NS80 - EXPAYUNT.

ELSE GO TO BOX NS80.



# BOX NS78B

## **BOX INSTRUCTIONS**

IF (CURRENTLY ADMINISTERING CPS AND CHARGES WERE FIRST COLLECTED 2 ROUNDS PREVIOUS TO CURRENT ROUND) OR (CURRENTLY ADMINISTERING CPS AND CHARGES WERE FIRST COLLECTED IN R50) OR (SP IS IN THE EXIT SAMPLE), GO TO NS79 - EXPAYOUT.

ELSE GO TO BOX NS80.

# NS79

Yes/No

**QUESTION TEXT**

Do you expect anyone to pay any of this amount?

**FIELD 1: EXPAYOUT****FIELD 1 ROUTING**

Value	Label	Route
1	YES	NS80 - EXPAYUNT
2	NO	BOX NS80
	Don't Know	BOX NS80
	Refused	BOX NS80

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
CORO.EXPAYOUT	1

# NS80

Quantity Unit

## QUESTION TEXT

How much do you expect will be paid?

## FIELD 1: EXPAYUNT

### FIELD 1 ROUTING

Value	Label	Route
1	PERCENTAGE	NS80 - EXPAYPCT
2	DOLLARS	NS80 - EXPAYAMT
	Don't Know	BOX NS80
	Refused	BOX NS80

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
CORO.EXPAYUNT	1

## FIELD 2: EXPAYPCT

### FIELD 2 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NS80

### FIELD 2 ATTRIBUTES

Cheshire Name	Answers Allowed
CORO.EXPAYPCT	1

**FIELD 3: EXPAYAMT****FIELD 3 ROUTING**

Value	Label	Route
1	[Continuous answer.]	BOX NS80

**FIELD 3 ATTRIBUTES**

Cheshire Name	Answers Allowed
CORO.EXPAYPCT	1

# BOX NS80

## **BOX INSTRUCTIONS**

IF CURRENTLY ADMINISTERING CPS, GO TO BOX CPSBEG.

ELSE GO TO BOX NSL1.

## **OTHER PROGRAMMING INSTRUCTIONS**

### **DESIGN NOTES**

If administering CPS, BOX NS80 routes back to the beginning of CPS to reevaluate which COST BUNDLES still need to be asked about in CPS.

# BOX NSL1

## **BOX INSTRUCTIONS**

IF (CHARGE DATA WAS COLLECTED IN NS FOR THIS NS CHARGE BUNDLE) AND (NS CHARGE BUNDLE IS LINKED TO ONLY ONE EVENT) AND (THE TOTAL CHARGE ^= DK AND TOTAL CHARGE ^= RF) AND (SP OR ANY OTHER SOURCE HAS PAID) AND ((EVENT LINKED TO NS CHARGE BUNDLE HAS EVNT.EVNTTYPE = 'PM' AND THERE ARE OTHER CURRENT ROUND PRESCRIPTION MEDICINE EVENTS NOT LINKED TO A CURRENT ROUND CHARGE BUNDLE) OR (EVENT LINKED TO NS CHARGE BUNDLE HAS EVNT.EVNTTYPE = 'DU', 'ER', 'OP', 'MP', 'SD', OR 'SL' AND THERE ARE OTHER CURRENT ROUND EVENTS WITH THE SAME EVENT TYPE FOR THIS PROVIDER NOT LINKED TO A CURRENT ROUND CHARGE BUNDLE)), GO TO NSL1 - NSEVSAME.

ELSE GO TO BOX NSBEG.

# NSL1

Code 1

## QUESTION TEXT

You told me earlier that [you/(SP)] had other [visits to (PROVIDER NAME)/prescribed medicine purchases].

Are any other [visits to (PROVIDER NAME)/prescribed medicine purchases] the same -- that is the [total charge was (TOTAL CHARGE)/copayment was (TOTAL CHARGE)] per (visit/purchase) with the following payments: [READ PAYMENTS LISTED ABOVE]?

## FIELD 1: NSEVSAME

### FIELD 1 ROUTING

Value	Label	Route
1	YES	BOX NSL2
2	NO	BOX NSBEG
	Don't Know	BOX NSBEG
	Refused	BOX NSBEG

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
COST.NSEVSAME	1

## OTHER PROGRAMMING INSTRUCTIONS

### REPORT DISPLAY

Display report above question text.

Display all Source of Payments where TSOP.TSOPAMT ^= empty in the following order based on TSOP.TSOPATYPE:

- = 1/SPFamily
- = 2/ProvDiscount
- =11/MedicareSubsidy
- =12/ExtraHelp

= 6/Medicare  
= 8/MHMO  
=10/MedicarePartD  
= 5/VA  
= 3/PlanNotMHMO  
= 4/OSOP  
= 9/DM

If there is more than Source of Payment per Source of Payment Type, display in order of entry in TSOP.

Not all TSOP.TSOPTYPEs will be applicable.

Report header:

"ALL PAYMENTS"

Report layout:

Column 1, header="SOP NAME".

Column 1, display = TSOP.TSOPTEXT.

Column 2, header = "PAYMENT".

Column 2, display =

If TSOP.TSOPAMT = DK, display "DK".

Else if TSOP.TSOPAMT = RF, display "RF".

Else display TSOP.TSOPAMT.



# BOX NSL2

## **BOX INSTRUCTIONS**

IF EVENT LINKED TO NS CHARGE BUNDLE HAS EVNT.EVNTTYPE = 'PM', GO TO NSL3 - EVENT\_PMSAME.

ELSE GO TO NSL5 - EVENT\_VISITSAME.

# NSL3

## Roster

### QUESTION TEXT

Which ones are the same?

REVIEW LIST WITH RESPONDENT AND SELECT ALL PRESCRIPTION MEDICINES WHERE THE COSTS AND PAYMENTS ARE THE SAME.

### FIELD 1: EVENT\_PMSAME

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	NSL4 - NUMLINKS

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all Prescription Medicine events not already linked to a current round charge bundle where:

((EVNT.EVNTDFLG ^= 1/Yes and EVNT.EVERRFLG ^= 1/Yes),

AND

(There is NO XCEV where (XCEV.XCEVEVNT = EVNT.EVNTNUM and XCEV.XCEVRNDC = current round and XCEV.DELLINK = empty))),

AND

((EVNT.EVNTTYPE = PM) and

((there is PMRO where PMRO.PMROEVNT = EVNT.EVNTNUM and PMRO.PMRORND = current round and PMRO.GETNUM > 0 and PMRO.GETNUM ^= DK and PMRO.GETNUM ^=

RF) or  
 (there is a PMRO where PMRO.PMROEVNT = EVNT.EVNTNUM and  
 PMRO.PMRORND = previous round and (PMRO.GETNUM is > 0 and PMRO.GETNUM ^= DK  
 and PMRO.GETNUM ^= RF) and PMRO.PMSUMFLG = 1/Yes and PMRO.PMRODFLG ^=  
 1/Yes))))

Display in alphabetical order.

### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Medicine	Display prescription medicine name, EVNT.PMEDNAME.
2	Strength	Display prescription medicine strength text field, EVNT.PMSTRUNI.

### BACKGROUND VARIABLE ASSIGNMENTS

The purpose of NSL3 is to identify any other PM events that still need to be asked about in NS that may have the same total charge and payments as the most recent charge bundle asked about at NSL1. For each PM event selected at NSL3, we will create a new charge bundle and we will copy all charge data and payment data that was collected for the most recent charge bundle asked about at NSL1 to each charge bundle created at NSL3. A new charge bundle is created for each PM event selected at NSL3.

#### DETAILS:

For all PM's selected at NSL3, create a new COST record that matches the COST record for the most recent charge bundle asked about at NSL1.

COST Key = COST.COSTBASE + COST.COSTNUM.

COST.COSTNUM = Set to new number of charge bundle created for PM event selected at NSL3.

Copy all fields on COST from the most recent charge bundle asked about at NSL1 to each charge bundle created at NSL3.

Update COST.ORIGNSEV = EVNT.EVNTNUM of PM selected at NSL3.

Set COST.ORIGCOST = COST.COSTNUM of most recent charge bundle asked about at NSL1.

For all PM's selected at NSL3, create a new CORO record that matches the CORO record for the most recent charge bundle asked about at NSL1.

CORO Key = CORO.COROBASE + CORO.COROCOST + CORO.CORORND.  
 CORO.COROCOST = Set to new COST.COSTNUM of charge bundle created for PM event selected at NSL3.  
 CORO.CORORND = current round.

Copy all fields on CORO from the most recent charge bundle asked about at NSL1 to each charge bundle created at NSL3.

For all PM's selected at NSL3, create an XCEV record to link the PM event to the charge bundle created at NSL3:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
 XCEV.XCEVEVNT

XCEV.XCEVBASE and XCEV.XCEVBAS2 = BASE.BASEID.

XCEV.XCEVCOST = Set to new COST.COSTNUM of charge bundle created for PM event selected at NSL3.

XCEV.XCEVEVNT = EVNT.EVNTNUM of PM event selected at NSL3.

Do not copy XCEV fields from most recent charge bundle asked about at NSL1 to the charge bundle(s) created at NSL3.

For all PM's selected at NSL3, create new PAYM record(s) that match the PAYM record(s) linked to the most recent charge bundle asked about at NSL1.

PAYM key = PAYM.PAYMBASE + PAYM.PAYMCOST + PAYM.PAYMNUM.

PAYM.PAYMCOST = set to new COST.COSTNUM of charge bundle created for PM event selected at NSL3.

PAYM.PAYMNUM = matches PAYM.PAYMNUM for PAYM linked to most recent charge bundle asked about at NSL1.

Copy all fields on PAYM linked to the most recent charge bundle asked about at NSL1 to each PAYM linked to the charge bundle created at NSL3.

Variable Name	Assignment Instructions
COSTNUM	For each PM selected at NSL3, create COST where COST.COSTNUM = BASE.LASTCOST + 001. This assumes that BASE.LASTCOST is incremented each time a COST record is generated in the field.
ORIGCOST	Set COST.ORIGCOST = COST.COSTNUM of NSL1 charge bundle.

Variable Name	Assignment Instructions
ORIGNSEV	Set COST.ORIGNSEV = EVNT.EVNTNUM of PM selected at NSL3.
COST FIELDS	Copy all other COST fields from the NSL1 charge bundle to this charge bundle created at NSL3.
COROCOST	For each PM selected at NSL3, create a CORO where CORO.COROCOST = COST.COSTNUM of this charge bundle created at NSL3.
CORORND	CORO.CORORND = current round.
CORO FIELDS	Copy all other CORO fields from the NSL1 charge bundle to this charge bundle created at NSL3.
XCEVCOST	For each PM selected at NSL3, create an XCEV where XCEV.XCEVCOST = COST.COSTNUM of this charge bundle created at NSL3.
XCEVEVNT	For each PM selected at NSL3, create a XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of PM selected at NSL3.
XCEVRNDC	XCEV.XCEVRNDC = current round.
PAYMCOST	For each PM selected at NSL3, create PAYM(s) where PAYM.PAYMCOST = COST.COSTNUM of this charge bundle created at NSL3.
PAYMNUM	For each PM selected at NSL3, create PAYM(s) where PAYM.PAYMNUM = PAYM.PAYMNUM for PAYM(s) linked to the NSL1 charge bundle.
PAYM FIELDS	Copy all other PAYM fields from PAYM(s) linked to the NSL1 charge bundle to the PAYM(s) linked to this charge bundle created at NSL3.

# NSL4

Grid

## QUESTION TEXT

How many times are the same?

ENTER THE NUMBER OF PURCHASES OF EACH MEDICINE SHOWN BELOW THAT ARE THE SAME.

## FIELD 1: NUMLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NSBEG
	Don't Know	BOX NSBEG
	Refused	BOX NSBEG

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.NUMLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### ROSTER/GRID INSTRUCTIONS

Display all Prescription Medicine events selected at NSL3.

Display in alphabetical order based on EVNT.PMEDNAME.

### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Medicine Name	Display the name and strength of the medicine, EVNT.PMEDNAME + ' ' + EVNT.PMSTRUNI. Display only.

Column #	Header	Instructions
2	# Purchases	XCEV.NUMLINKS. Input column 1.

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of purchases on XCEV:

$XCEV\ key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT$

$XCEV.XCEVCOST = COST.COSTNUM$  of charge bundle being asked about.

$XCEV.XCEVEVNT = EVNT.EVNTNUM$  of PM being asked about.

# NSL5

## Roster

### QUESTION TEXT

Which ones are the same?

REVIEW LIST WITH THE RESPONDENT AND SELECT ALL PROVIDER EVENTS WHERE THE COST AND PAYMENTS ARE THE SAME.

### FIELD 1: EVENT VISITSAME

#### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NSL5

#### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
TEMP	1

### OTHER PROGRAMMING INSTRUCTIONS

#### ROSTER/GRID INSTRUCTIONS

Display all events for this provider that are not already linked to a current round charge bundle, where:

((EVNT.EVNTPROV = EVNT.EVNTPROV and EVNT.EVNTTYPE = EVNT.EVNTTYPE on event linked to most recent charge bundle asked about at NSL1),

AND

(EVNT.EVNTDFLG ^= 1/Yes and EVNT.EVERRFLG ^= 1/Yes),

AND

(There is NO XCEV where (XCEV.XCEVEVNT = EVNT.EVNTNUM and XCEV.XCEVRNDC = current round and XCEV.DELLINK = empty)),



AND

((EVNT.EVNTTYPE = DU, ER, OP, MP, SD, or SL) and  
(EVNT.EVNTRNDC = current round.))  
)

Display in order of entry.

#### ROSTER/GRID DISPLAY

Column #	Header	Instructions
1	Type	Display EVNT.EVNTTYPE.
2	Start Date	Display EVENT DATE in "Mon DD YYYY" format.
3	Stop Date	If (EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS ^=1/StillInHospital), display EVENT END DATE in "Mon DD YYYY" format.. Else do not display.
4	Status	If EVNT.EVNTTYPE = 'IP' and EVNT.IPSTATUS = 1/StillInHospital, display "ON". Else if EVNT.VISTTYPE = 2/RepeatVisit, display "RV". Else do not display.
5	# Visits	If EVNT.VISTTYPE = 2/RepeatVisit, display EVNT.RVTIMES. Else do not display.
6	Round	Display 'R' + EVNT.EVNTRNDC. EX: R45

#### BACKGROUND VARIABLE ASSIGNMENTS

The purpose of NSL5 is to identify any other DU, ER, IP, IU, OP, MP, SD or SL event linked to the same provider as the NSL1 event that still needs to be asked about in NS and may have the same total charge and payments as the most recent charge bundle asked about in NS. For each event selected at NSL5, we will create a new charge bundle and we will copy all charge data and payment data that was collected for the most recent charge bundle asked about at NSL1 to each charge bundle created at NSL5. A new charge bundle is created for each event

selected at NSL5.

#### DETAILS:

For all evnts selected at NSL5, create a new COST record that matches the COST record for the most recent charge bundle asked about at NSL1.

$COST\ Key = COST.COSTBASE + COST.COSTNUM.$

$COST.COSTNUM =$  Set to new number of charge bundle created for event selected at NSL5.

Copy all fields on COST from the most recent charge bundle asked about at NSL1 to each charge bundle created at NSL5.

Update  $COST.ORIGNSEV = EVNT.EVNTNUM$  of event selected at NSL5.

Set  $COST.ORIGCOST = COST.COSTNUM$  of most recent charge bundle asked about at NSL1.

For all events selected at NSL5, create a new CORO record that matches the CORO record for the most recent charge bundle asked about at NSL1.

$CORO\ Key = CORO.COROBASE + CORO.COROCOST + CORO.CORORND.$

$CORO.COROCOST =$  Set to new  $COST.COSTNUM$  of charge bundle created for event selected at NSL5.

$CORO.CORORND =$  current round.

Copy all fields on CORO from the most recent charge bundle asked about in NS at NSL1 to each charge bundle created at NSL5.

For all events selected at NSL5, create an XCEV record to link the event to the charge bundle created at NSL5:

$XCEV\ key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 + XCEV.XCEVEVNT$

$XCEV.XCEVBASE$  and  $XCEV.XCEVBAS2 = BASE.BASEID.$

$XCEV.XCEVCOST =$  Set to new  $COST.COSTNUM$  of charge bundle created for event selected at NSL5.

$XCEV.XCEVEVNT = EVNT.EVNTNUM$  of event selected at NSL5.

Do not copy XCEV fields from most recent charge bundle asked about at NSL1 to the charge bundle(s) created at NSL5.

For all events selected at NSL5, create new PAYM record(s) that match the PAYM record(s) linked to the most recent charge bundle asked about at NSL1.

$PAYM\ key = PAYM.PAYMBASE + PAYM.PAYMCOST + PAYM.PAYMNUM.$

$PAYM.PAYMCOST =$  set to new  $COST.COSTNUM$  of charge bundle created for event selected at NSL5.

PAYM.PAYMNUM = matches PAYM.PAYMNUM for PAYM linked to most recent charge bundle asked about at NSL1.

Copy all fields on PAYM linked to the most recent charge bundle asked about at NSL1 to each PAYM linked to the charge bundle created at NSL5.

Variable Name	Assignment Instructions
COSTNUM	For each event selected at NSL5, create COST where COST.COSTNUM = BASE.LASTCOST + 001. This assumes that BASE.LASTCOST is incremented each time a COST record is generated in the field.
ORIGCOST	Set COST.ORIGCOST = COST.COSTNUM of NSL1 charge bundle.
ORIGNSEV	Set COST.ORIGNSEV = EVNT.EVNTNUM of event selected at NSL5.
COST FIELDS	Copy all other COST fields from the NSL1 charge bundle to this charge bundle created at NSL5.
COROCOST	For each event selected at NSL5, create a CORO where CORO.COROCOST = COST.COSTNUM of this charge bundle created at NSL5.
CORORND	CORO.CORORND = current round.
CORO FIELDS	Copy all other CORO fields from the NSL1 charge bundle to this charge bundle created at NSL5.
XCEVCOST	For each event selected at NSL5, create an XCEV where XCEV.XCEVCOST = COST.COSTNUM of this charge bundle created at NSL5.
XCEVEVNT	For each event selected at NSL5, create a XCEV where XCEV.XCEVEVNT = EVNT.EVNTNUM of event selected at NSL5.
XCEVRNDC	XCEV.XCEVRNDC = current round.

Variable Name	Assignment Instructions
PAYMCOST	For each event selected at NSL5, create PAYM(s) where PAYM.PAYMCOST = COST.COSTNUM of this charge bundle created at NSL5.
PAYMNUM	For each event selected at NSL5, create PAYM(s) where PAYM.PAYMNUM = PAYM.PAYMNUM for PAYM(s) linked to the NSL1 charge bundle.
PAYM FIELDS	Copy all other PAYM fields from PAYM(s) linked to the NSL1 charge bundle to the PAYM(s) linked to this charge bundle created at NSL5.

# BOX NSL5

## **BOX INSTRUCTIONS**

IF AT LEAST ONE EVENT SELECTED AT NSL5 IS A REPEAT VISIT, GO TO NSL6 - RVLINKS.

ELSE GO TO BOX NSBEG.

# NSL6

Numeric

## QUESTION TEXT

How many times are the same for (EVENT)?

ENTER THE NUMBER OF (EVENT TYPE) VISITS IN (EVENT MONTH, YEAR) THAT ARE THE SAME.

## FIELD 1: RVLINKS

### FIELD 1 ROUTING

Value	Label	Route
1	[Continuous answer.]	BOX NSL6
	Don't Know	BOX NSL6
	Refused	BOX NSL6

### FIELD 1 ATTRIBUTES

Cheshire Name	Answers Allowed
XCEV.RVLINKS	1

## OTHER PROGRAMMING INSTRUCTIONS

### BACKGROUND VARIABLE ASSIGNMENTS

Collect # of visits on XCEV:

XCEV key = XCEV.XCEVBASE + XCEV.XCEVCOST + XCEV.XCEVBAS2 +  
XCEV.XCEVEVNT

XCEV.XCEVCOST = COST.COSTNUM of charge bundle being asked about.

XCEV.XCEVEVNT = EVNT.EVNTNUM of Repeat Visit event currently being asked about.

# BOX NSL6

## **BOX INSTRUCTIONS**

IF ANOTHER EVENT SELECTED AT NSL5 IS A REPEAT VISIT, GO TO NSL6 - RVLINKS.  
ELSE GO TO BOX NSBEG.

# NS81

Yes/No

**QUESTION TEXT**

YOU HAVE ENTERED ALL CHARGE/PAYMENT DATA FOR ALL EVENTS REPORTED. DO YOU HAVE ANY (MEDICARE, INSURANCE, OR TRICARE/MEDICARE OR TRICARE/MEDICARE OR INSURANCE/MEDICARE) STATEMENTS THAT YOU HAVE NOT YET ENTERED?

**FIELD 1: NSTATEMENT****FIELD 1 ROUTING**

Value	Label	Route
1	YES	ST5 - ST_CHARGEbundle
2	NO	BOX NSEND
	Don't Know	BOX NSEND
	Refused	BOX NSEND

**FIELD 1 ATTRIBUTES**

Cheshire Name	Answers Allowed
TEMP	1



# BOX NSEND

## BOX INSTRUCTIONS

GO TO NEXT SECTION