Z271EXT – Custom 271 File Generation

Z271EXT is a program designed to extract accumulation data into a ASC X12N 271 (004010X092) file.

The program has *cross directory functionality* which allows one output file to be created for multiple production data directories. Please see the Extract Accumulation Data section of this document for more information about cross directory functionality.

At any menu, enter Z271EXT to launch the program.

Main Selection

1. Vendor Maintenance
2. Group Maintenance
3. Accumulation Setup
4. Extract Accumulation Data

Enter Selection Number [ ]

Enter "1" to go to the Vendor Maintenance screen.

Enter "2" to go to the Group Maintenance screen.

Enter "3" to go to the Accumulation Setup screen.

Enter "4" to go to the Extract Accumulation Data screen.

<enter> with no input to return to the menu.

1.   **Vendor Maintenance**

Z271EXT Vendor Maintenance is used to enter specific information regarding the vendor setup defaults. Entries here will apply to all groups utilizing this vendor number. There are two screens of prompts.

The vendor number will be provided by Musketeer Group Inc. (MGI).

1. Vendor Maintenance – Screen 1

              Vendor Number: [   ]   *Assigned by MGI*

01 Description: [*Free Form*   ]
02 Effective Date: [   ]   *mm/dd/ccyy Format*
03 Active: yes or no: [   ]   *Y for Yes or N for No*
04 Vendor Identifier: [*Optional Based on Situation*   ]

Enter Vendor Number or ? to View Established Vendors

Vendor Number: This number is assigned by MGI.

Enter a ? to scroll a list of established Z271EXT vendors.

When a vendor number is entered for the first time, a copy feature is available. The following prompts will appear:

Prompt: **Copy from Existing Vendor Setup? (y)es or (n)o [ ]**

Enter "N" to enter the data at each prompt.

Enter "Y" if another vendor has already been setup, and you wish to copy setup from that vendor for the new vendor. Vendor Maintenance screens 1 and 2 will be copied.

Prompt: **Copy from Vendor Number: [   ]**

Enter existing vendor number or <ENTER> with no entry to return to Copy from Existing Vendor Setup prompt.

Prompt: **Continue? (y/n/e)**
Enter "y" to create the copied data.
Enter "n" to return to the Copy from Vendor Number prompt.
Enter "e" to abort the copy and continue at the Description prompt.

1. Vendor Maintenance – Screen 1 continued

When a vendor number that has already been setup is entered, the data will be displayed and the following prompt will appear:

Prompt: **s2 = Vendor Mainteance Screen 2**

Correct? (y)es, (c)ancel, (e)xit, line #, s2, DELETE [   ]

Enter "y" to accept the information entered, write it to the Z271EXT control file and then go back to the Vendor Number prompt on this screen.

Enter "c" to cancel the entry and return to Vendor Number prompt on this screen.

Enter "e" to accept the information entered, write it to the Z271EXT control file and return to the Main Selection screen.

Enter a line number to go to a specified line to make a change.

Enter "s2" to accept the information entered, write it to the Z271EXT control file and go to Vendor Maintenance Screen 2.

Enter 'DELETE" to delete both screens of Vendor Maintenance for the vendor along with any Z271EXT Group Maintenance setup associated with this vendor, then go back to the Vendor Number prompt.

Prompts:

Prompt **01 Description:** Used to describe the vendor for display purposes.

Prompt **02 Effective Date:** Earliest date that the vendor is effective date. Enter in mm/dd/yyyy format.

Prompt **03 Active: yes or no:** Enter "Y" if vendor is eligible for data extracts or enter "N" if data should not be extracted for this vendor.

Prompt **04 Vendor Identifier:** Available for use to set vendor specific info. For example, data setup here might be used in 2100B – Information Receiver Loop to fill the Identification Code (NM109). Entry is *optional* based on the requirements of the vendor.

1. Vendor Maintenance – Screen 2

This screen is used to establish various 271 data element values. The data entered is required to create data in the ASC X12N 271 (004010X092) format.

Vendor Number: [   ]   *Assigned by MGI*

```
01  Authorization Info:     Qualifier [   ] Code [              ]
02  Security Info:          Qualifier [   ] Code [            ]
03  Interchange Sender:     Qualifier [   ] Code [               ]
04  Interchange Receiver:   Qualifier [   ] Code [               ]
05  Application Sender:     Qualifier n/a    Code [               ]
06  Application Receiver:   Qualifier n/a    Code [               ]
07  Reference ID:           Qualifier [   ] Code [                      ]
08  Vendor Identification:  Qualifier [   ]
                            Code [                                ]
                                 [                                ]
09  Acknowledgment Requested:  [   ]
10  Data Element Separator:    [   ]
11  Sub-element Separator:     [   ]
12  Segment Separator:         [   ]
13  Record Separator:          [   ]
```

Enter – line # to access all starting at that line #
S1 = First Screen

Correct? (y)es, Cancel, line #, s1 [   ]

Prompt: **01 Authorization Info**

<ENTER> with no entry to return to Vendor Maintenance main screen.

Enter 834 Reference Designator ISA ISA01 - Interchange Control Header. Valid entries are: 00 for None or 03 for Additional Data ID. If 03, is entered setup the code for the 834 Reference Designator ISA ISA02 - Interchange Control Header.

1. Vendor Maintenance – Screen 2 continued

Prompt: **02 Security Information**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator ISA ISA03 - Interchange Control Header qualifier. Valid entries are: 00 for None or 01 for Password.

If 01, enter the 271 Reference Designator ISA ISA04 - Interchange Control Header code.

Prompt: **03 Interchange Sender**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator ISA ISA05 - Interchange Control Header qualifier. Valid entries are:

01 = Duns	29 = Medicare Provider & Sup ID
14 = Duns & Suffix	30 = TIN
20 = HIN	33 = NAIC
27 = Carrier ID	ZZ = Mutually Defined
28 = Fiscal Intermediary ID	

Enter 271 Reference Designator ISA ISA06 - Interchange Control Header code.

Prompt: **04 Interchange Receiver**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator ISA ISA07 - Interchange Control Header qualifier. Valid entries are:

01 = Duns	29 = Medicare Provider & Sup ID
14 = Duns & Suffix	30 = TIN
20 = HIN	33 = NAIC
27 = Carrier ID	ZZ = Mutually Defined
28 = Fiscal Intermediary ID	

Enter 271 Reference Designator ISA ISA08 - Interchange Control Header code.

1. Vendor Maintenance – Screen 2 continued

Prompt: **05 Application Sender**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator GS02 - Function Group Header code.

Prompt: **06 Application Receiver**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator GS03 - Function Group Header code.

Prompt: **07 Reference ID**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator REF01 - Trans Set Policy Number qualitifer. The only current valid entry is "38".

Enter 271 Reference Designator REF02 - Trans Set Policy Number code.

Prompt: **08 Vendor Identification**

<ENTER> with no entry to return to previous prompt.

Enter 271 Reference Designator N103 - 1000B Payor Loop qualifier. Valid entries are: FI for TIN or ZZ for Mutually Defined.

At CODE field enter "-" to return to previous prompt, or enter 271 Reference Designator N104 - 1000B Payor Loop code.

1. Vendor Maintenance – Screen 2 continued

Prompt: **09 Acknowledgement Requested**

<ENTER> with no entry to return to previous prompt.

Enter "0" for no acknowledgement requested.

Enter "1" for an acknowledgement.

Prompt: **10 Data Element Separator**

<ENTER> with no entry to return to previous prompt.

The program defaults to "*". If a different record separator is to be used, enter it here.

Prompt: **11 Sub-element Separator**

<ENTER> with no entry to return to previous prompt.

The program defaults to ">". If a different record separator is to be used, enter it here.

Prompt: **12 Segment Separator**

<ENTER> with no entry to return to previous prompt.

The program defaults to "~". If a different record separator is to be used, enter it here.

1. Vendor Maintenance – Screen 2 continued

Prompt: **13 Record Separator**

Enter "-" to return to previous prompt.

<ENTER> with no entry to indicate no record separator.

Enter "C" for carriage return.

Enter "L" for line feed.

Enter "CL" for carriage return/line feed.

Enter "LC" for line feed/carriage return.

Prompt: **Correct? (y)es, (c)ancel, line #, s1**

Enter "y" to accept the information entered, write it to the Z271EXT control file and then go to Vendor Maintenance Screen 1.

Enter "c" to cancel the entry and return to Vendor Maintenance Screen 1.

Enter a line number to go to a specified line to make a change.

Enter "s1" to accept the information entered, write it to the Z271EXT control file and go to Vendor Maintenance Screen 1.

Enter "-" followed by a line number to access the line entered and all following lines before returning to the Correct? (y)es, (c)ancel, line #, s1 prompt.

2. **Group Mainteance**

Z271EXT Group Maintenance is used to tie groups/plans to vendors and enter specifc information regarding group/plan setup defaults. Entry here is required to create the 271 data extract file.

Vendor Number: [   ]   *Assigned by MGI*
Group Number: [   ]   *Group Number or "all"*
Plan Number: [   ]   *Plan Number or "all"*

01 Effective Date: [   ]   *mm/dd/ccyy Format*
02 Active: yes or no: [   ]   *Y for Yes or N for No*
03 Vendor Identifier: [*Optional Based on Situtation*   ]
04 zeoh Format Number: [   ]   *Optional Based on Situation*

Enter Vendor Number or ? to View Established Vendors

Prompt **01 Effective Date:** Earliest date that the vendor/group/plan is effective date. Enter in mm/dd/yyyy format.

Prompt **02 Active: yes or no:** Enter "Y" if the vendor/group/plan is eligible for data extracts or enter "N" if data should not be extracted for this vendor/group/plan.

Prompt **03 Vendor Identifier:** Available for use to pass vendor/group/plan specific info. *Optional* based on the requirements of the vendor.

Prompt **04 zeoh Format Number:** Enter zeoh format if applicable. *Optional* based on the requirements of the vendor.

Accumulation Setup

Accumulations to be extracted must be setup here.

Key Section

Vendor Number: [   ]   *Assigned by MGI*
Group Number: [   ]   *Group Number or All*
Plan Number: [   ]   *Plan Number or All*
History Type: [ ]   *QicLink History Type for Accumulation *
History Code: [   ]   *QicLInk Hiistory Code for Accumulation*
History Period: [ ]   *(a)nnual or (l)ifetime*   **Counter: [   ] *Free Form*

Data Section

1.   Report Data: [ ]   *(y)es or (n)o*
2.   Limit Code: [ ]   *QicLink code to be Used to Get Benefit Maximum*
3.   Network Flag: [ ]   *HIPAA EB12 Y = In Network, N = Out of Network, U = Unknown*
4.   Benefit Info: [   ]   *HIPAA EB01 – Optional Based on Situation*
5.   Coverage Level: [   ]   *HIPAA EB02 – Optional Based on Situation*
6.   Service Type: [ ]   *HIPAA EB03 – Optional Based on Situation*
7.   Insurance Type: [   ]   *HIPAA EB04 – Optional Based on Situation*
8.   Plan Covg Desc: [*HIPAA EB05 – Optional Based on Situation*   ]

Correct? Line #, (Y)es, DELETE or (C)ancel [   ]

Prompts will appear at the bottom of the screen to guide data entry.

For prompts from the key (top) section of the screen,
a "?" (question mark) can generally be entered allowing established entries to scroll on the screen and be selected..

a "." (period) can be used on some prompts to allow the use of the previous entry for the prompt with out reentering the data.

3. Accumulation Setup continued

* **History Type** values: a = All-cause Benefit
                                               c = All-cause Coinsurance
                                             d = Individual Deductible
                                             e = Family Deductible
                                           g = All-cause Period Maximum
                                           k = Family OOP/Stop Loss
                                           l = Individual OOP/Stop Loss
                                           x = All-cause Copay

** **Counter**

The counter is used to create a unique key for setup records when a history code needs to be setup more than one time for each Vendor/Group/Plan/History Type/History Code/History Period combination.

The counter is a free formed value. Blank is valid. The counter only needs be filled when multiple limitations need to be reported for a given accumulation.   When the counter is used, Display Name must be unique as well for Z271EXT to recognize multiple output records per History Code.

Example 1:   Deductible Code **M1** is tied to History Code M1 with a **200.00** annual maximum.

Vendor Number: [0001]   TEST VENDOR
  Group Number: [TSTGROUP] TEST GROUP
    Plan Number: [ATSTPLAN] TEST PLAN
    History Type: [d]   Individual Deductible
    History Code: [M1]
  History Period: [A]   Annual   Counter [M1]

1.   Report Data: [Y]   Yes
2.   Limit Code: [**M1**]
3.   Network Flag: [Y]   Yes
4.   Benefit Info: [C]

5.   Coverage Level: [IND]
6.   Service Type: [30]
7.   Insurance Type: [GP]
8.   Plan Covg Desc: [INDIVIDUAL PPO MEDICAL DEDUCTIBLE   ]

3. Accumulation Setup continued

** Counter

    Example 2: Deductible Code **M2** is tied to History Code M1 with a **600.00** annual maximum.

    Vendor Number: [0001]   TEST VENDOR
     Group Number: [TSTGROUP]   TEST GROUP
      Plan Number: [ATSTPLAN]   TEST PLAN
      History Type: [d]   Individual Deductible
      History Code: [M1]
    History Period: [A]   Annual   Counter [M2]

1.   Report Data: [Y]   Yes
2.   Limit Code: [**M2**]
3.   Network Flag: [N]   No
4.   Benefit Info: [C]
5.   Coverage Level: [IND]
6.   Service Type: [30]
7.   Insurance Type: [GP]
8.   Plan Covg Desc: [INDIVIDUAL NON-PPO MEDICAL DEDUCTIBLE   ]

4.   Extract Accumulation Data

Prerequisites:

Z271EXT Setup

Establish Vendor, Group(s) and History Codes within Z271EXT maintenance screens.

AGPMAIN entry for output files

Setup a "z271ext" agpmain entry to control the location of the output files. This data must be entered as path entry as opposed to a file entry. For example: /rims/site1/prod1/z271ext/. Because it is a path entry, Z271EXT requires that the directory end in a "/".

The agpmain entry must be established under every production directory to be processed by the zhlthx program.

*When using the **cross directory functionality** of this program to combine data from multiple production data directories into one output file, these entries should be the same for all production data directories involved.*

ZDIRM set up

Z271EXT requires that directory order be established in the zdirm program by creating a "z271ext" entry.

*When using the **cross directory functionality** of this program to combine data from multiple production data directories into one output file, enter all production data directories involved into the zdirm setup under each production data directory. **It is very important that the directory order entered in zdirm be exactly the same under each production directory when combining them together in one set of output files.***

Output Files:

One output file will be created in the directory specified in the required AGPMAIN "z271ext" file path entry. The output file name will be customized to your vendor's requirements.

4. Extract Accumulation Data continued

Prompts:

Enter Printer To Be Used

Vendor Number   *Enter Vendor Number to be processed*

Create (F)ull or (C)hange File?   *Enter F for Full or C for Change*

Set Output Flag to (P)roduction or (T)est Run?   *Enter P for Production or T for Test*

Continue? (Y/N/E)   *Enter Y to continue with the program*
                                           N to return to the Vendor Number prompt
                                           E to exit the program

The program will run in foreground. Information about program progress will periodically display to the screen.