
# IHS RPMS
# PCC Management Reports
## (APCL)
## Version 3.0

## User's Manual

## February 1997

# Preface

The richness of the Patient Care Component (PCC) database, as well as the functional need for retrieving data in an organized manner for administrative and clinical management purposes, led to the development of the PCC Management Reports module. The options available in this module allow users to quickly and easily generate reports containing the data they need from the PCC.

The PCC Management Reports module, version 3.0, provides numerous reports for patient and program management. This module facilitates the retrieval of data from the PCC by offering the user predefined report options as well as tools for custom-report generation. Users specify the parameters for each of the reports in order to retrieve the data of interest. Reports are organized by category on the main menu for ease of use.

This manual has been written for Resource and Patient Management System (RPMS) users who will utilize the PCC Management Reports module and other data retrieval tools for clinical and administrative functions. Separate installation and technical manuals for this module are available for Information Resources Management (IRM) personnel who are responsible for installing and maintaining this module.

Please direct any comments or questions regarding this system to:

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# PCC Management Reports

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# Introduction

The PCC Management Reports Module provides numerous reports for patient and program management. Access to the PCC Management Reports menus is restricted to authorized individuals and is controlled by the facility local Site Manager through the use of locks (code words assigned to the user that allow access to a menu).

This manual provides detailed information on the use of the PCC Management Reports menus. All users should take the time to read through this guide prior to using PCC Management Reports. This manual contains special information about the report options available and includes a sample of each report.

Many of these reports may be printed instantaneously; however, some will take a considerable amount of time to generate. Notes on run time are included for reports that require longer processing times. These printouts can be queued to specific devices (see Queuing Output, page 4) so that printing can occur after regular business hours.

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# PCC Management Reports Menu

The PCC Management Reports menu, shown below, consists of several categories of reports from various PCC files. Each menu option represents a sub-menu that contains a number of reports within that category. Note that any menu option followed by an ellipses ( . . . ) contains a sub-menu.

```
                  **********************************
                  **   PCC Management Reports     **
                   **********************************
                            Version 3.0

                          SELLS HOSPITAL/CLINIC


PLST   Patient Listings ...
RES    Resource Allocation/Workload Reports ...
INPT   Inpatient Reports ...
QA     Quality Assurance Reports ...
DM     Diabetes Program QA Audit ...
APC    APC Reports ...
PCCV   PCC Ambulatory Visit Reports ...
BILL   Billing Reports ...
BMI    Body Mass Index Reports ...
ACT    Activity Reports by Discipline Group ...
CNTS   Dx & Procedure Count Summary Reports ...
IMM    Immunization Reports ...
DR     PCC Patient Data Retrieval Utility
RT     Report Template Utility ...
STS    Search Template System ...
QMAN   Q-Man (PCC Query Utility)
FM     FileMan (General) ...
```

Extended help is available for most of the options. To access a help screen, type a question mark and the label for the menu option for which you require help; for example, typing "?PLST" generates a description of the Patient Listings option.

The following sections of this manual provide detailed information for each of the report categories shown above. The categories are presented in the order in which they appear on the report menu. A brief description of each sub-menu screen (for example, Patient Listings) is provided, followed by examples and descriptions of each report contained in that sub-menu.

# Queuing Output

It is important that you do not run reports or retrievals requiring lengthy processing time during normal working hours, unless you are operating an upgraded RISC 6000 CPU or are at a very small facility. Jobs that require lengthy processing times should be queued to run after business hours or on weekends. Throughout this manual, notations indicate which reports may have lengthy processing times. Please contact your local Site Manager if you have questions regarding report queuing.

To queue a job, enter “Q” at the DEVICE prompt and press return. Then enter an appropriate device number and press return. Answer the question about when to print by entering an after-hours date and time, such as “T@6PM” to have the job processed Today at 6:00 p.m.

# PLST Patient Listings

This set of reports allows you to list groups of patients. The reports include patient listings by Date of Birth, Current Community, Date of Death, Sex, Eligibility, Classification/Beneficiary, and Tribe of Membership. In most cases, the report includes the Patient's Name, Chart Number, and Date of Birth.

```
                          ********************************
                          **   PCC Management Reports   **
                          **      Patient Listings      **
                          ********************************
                                   Version 3.0

                               SELLS HOSPITAL/CLINIC

Please remember to queue ...
(*) denotes that the report is instantaneous


   CRC    Living Patients by Community of Residence (*)
   DOB    Living Patients by Date of Birth (*)
   DEM    Living Patients by Multiple Demographic Variables
   DOD    Deceased Patients by Date of Death (*)
   PGEN   Patient General Retrieval
   DP     Patient Listing by Primary Care Provider
   VDP    Patients by Primary Care Provider w/ Visit Counts
   DMG    Detailed Patient Register R-DMG-510
```

# CRC Living Patients by Community of Residence (*)

This report displays a list of living patients by Community, along with their Dates of Birth, Sex, and Tribes of Membership.

You will be asked to enter one particular community or all communities. The total number of patients per community and the total of all the requested communities' populations will be displayed. To shorten the report generation time, request only a narrow range of communities.

```
ACHI PATIENTS                                  JAN 25,1995  15:10    PAGE 1
                                  DATE OF
NAME                              BIRTH        SEX     TRIBE OF MEMBERSHIP
-------------------------------------------------------------------------

        CURRENT COMMUNITY: ACHI
MARTIN,MARY                       JAN  1,1925  FEMALE  TOHONO O'ODHAM NATIO
SMITH,BILL                        MAY  1,1948  MALE    TOHONO O'ODHAM NATIO
WHITE,THERESA                     JAN  1,1939  FEMALE  TOHONO O'ODHAM NATIO
PETERS,DAVID                       1890        MALE    TOHONO O'ODHAM NATIO
MILLER,BILL                       MAR  1,1962  MALE    TOHONO O'ODHAM NATIO
JONES,LISA                        APR  1,1963  FEMALE  TOHONO O'ODHAM NATIO
MARTIN,IRMA                       JUN  1,1964  FEMALE  TOHONO O'ODHAM NATIO
PETERS,BILL                       MAR  1,1964  MALE    PIMA
BROWN,SAM                         MAR  1,1928  MALE    NON-INDIAN BENEFICIA
PETERS,JOHN                       NOV  1,1966  MALE    TOHONO O'ODHAM NATIO
BROWN,SAM                         OCT  1,1967  MALE    TOHONO O'ODHAM NATIO
GREEN,LARRY                       DEC  1,1958  MALE    TOHONO O'ODHAM NATIO
GREEN,THERESA                     JUN  1,1920  FEMALE  TOHONO O'ODHAM NATIO
BROWN,DENNIS                      APR  1,1940  MALE    TOHONO O'ODHAM NATIO
-----------------
SUBCOUNT 14
```

# DOB Living Patients by Date of Birth (*)

The DOB report displays a list of all living patients by Date of Birth. You will be asked to enter a date range from the earliest to latest date of birth. You may sort the list by Patient Name or Date of Birth. The report will include the Patient's Name, Date of Birth, and Chart Number. The total number of patients on the list will be displayed at the end of the report.

```
PATIENT LISTING BY DATE OF BIRTH              JAN 26,1995  14:06    PAGE 1
          NAME                               DOB          CHART #
-------------------------------------------------------------------------------

          MILLER,SARAH                       JAN  1,1944  77467
          MARTIN,MARTIN                      JAN  1,1944  99009
          PETERS,THERESA                     FEB  1,1944  98775
          MARTIN,JIM                         FEB  1,1944  31382
          WHITAKER,GEORGIE WAKEFIELD         FEB 22,1944  53466
          MARTIN,JAMES                       MAR  5,1944  90774
          RILEY,SUSIE                        APR  8,1944  14495
          GREEN,DARLENE                      MAY  1,1944  21087
          SALADIN,SALLY ANN                  MAY 14,1944  23545
          WHITE,THERESA                      JUN  1,1944  94867
          JOHNSON,DIANE                      JUL  1,1944  29574
------------------------------
COUNT    11
```

# DEM Living Patients by Multiple Demographic Variables

This report option allows you to display a list of patients by selected demographic variables. In each report, the Patient's Name, Date of Birth, Tribe of Membership, and Current Community is printed. You will be able to select the sort variables for the report. The sort variables you may choose from are: Date of Birth, Sex, Current Community, Tribe of Membership, Classification/ Beneficiary, Eligibility, and Patient Name.

The sample report below lists patients by community and date of birth.

```
  PATIENT LISTING BY COMMUNITY AND BIRTHDATE    JAN 26,1995  14:09   PAGE 1
NAME                           DOB       TRIBE OF MEMBERSHIP   COMMUNITY
-------------------------------------------------------------------------


MILLER,LISA                    08/01/35  TOHONO O'ODHAM NATIO  SELLS
MILLER,TANYA                   08/15/35  TOHONO O'ODHAM NATIO  SELLS
PEREZ,LILY                     08/11/36  TOHONO O'ODHAM NATIO  SELLS
RILEY,SUSIE                    04/08/44  TOHONO O'ODHAM NATIO  SELLS
SAVAGE,ANDREW                  01/01/47  TOHONO O'ODHAM NATIO  SELLS
GARCIA,JOE FRANK               06/25/50  TOHONO O'ODHAM NATIO  SELLS
GOETTERT,JUDY                  10/31/52  NON-INDIAN BENEFICIA  SELLS
NORTON,JERRY F                 01/01/57  TOHONO O'ODHAM NATIO  SELLS
NEZ,LARRY                      04/17/59  NAVAJO TRIBE OF AZ,   SELLS
PEREAU,KAREN JEAN              03/04/63  DAKOTA (SIOUX)        SELLS
RIVERS,CAMERON ANTHONY         07/22/63  GILA RIVER PIMA MARI  SELLS
HALL,JULIE PATRICIA            08/30/65  NON-INDIAN BENEFICIA  SELLS
SMITH,BOB                      01/01/77  NON-INDIAN BENEFICIA  SELLS
------------------------------
SUBCOUNT 13
```

**Estimated Run Time:** For facilities with numerous patient files, this report may take a long time to run unless the first sort variable selected is a specific Current Community. If you have selected a specific community, the run time for the report will be a function of the size of that community and the number of other variables chosen for sorting. For example, a report sorting first by a small Community and then by Date of Birth would run quickly. A report sorting first by a large Community (over 1,000 patients) and then by Tribe and Date of Birth would take a longer time.

# DOD Deceased Patients by Date of Death

This report lists deceased patients by Date of Death. You will be asked to select a date range for the Date of Death. The Patient's Name, Date of Birth, Date of Death, Patient Chart Number, and Cause of Death (ICD Code) will be shown on the report. The Cause of Death will be displayed to the extent it has been entered through the ADT Inpatient or the PCC data entry process.

PATIENT LISTING BY DATE OF DEATH JAN 26,1995 14:12 PAGE 1

| | PATIENT NAME | DATE OF BIRTH | DATE OF DEATH | CHART # | CAUSE OF DEATH |
|---|---|---|---|---|---|
| 1 | PETERS,SUSAN | AUG 1,1932 | JAN 1,1890 | 74545 | 571.5 |
| 2 | JOHNSON,JIM | MAR 1,1962 | AUG 5,1964 | 84755 | 428.0 |
| 3 | MARTIN,DENNIS | JUL 1,1971 | AUG 8,1975 | 19947 | 428.0 |
| 4 | MARTIN,JIM | MAY 1,1967 | SEP 9,1977 | 12575 | 585. |
| 5 | BROWN,JOHN | FEB 1,1978 | MAR 3,1985 | 57866 | 585. |
| 6 | JOHNSON,CHARLES | MAR 1,1974 | APR 4,1985 | 97046 | 585. |
| 7 | BLACK,JOHN | DEC 1,1977 | AUG 8,1985 | 05946 | 585. |
| 8 | JOHNSON,JIM | APR 1,1965 | SEP 5,1985 | 27559 | 428.0 |
| 9 | MILLER,DIANE | MAR 1,1946 | DEC 27,1985 | 23564 | 799.1 |
| 10 | JONES,ANNE | JUN 1,1939 | AUG 6,1986 | 12349 | 486. |
| 11 | MARTIN,BILL | JAN 1,1948 | AUG 6,1986 | 19256 | 428.0 |
| 12 | SMITH,SAM | JUL 1,1959 | AUG 18,1986 | 99471 | 799.1 |
| 13 | JONES,BILL | JAN 1,1964 | NOV 20,1986 | 44298 | 486. |
| 14 | JOHNSON,LARRY | FEB 1,1980 | NOV 25,1986 | 09683 | 585. |

# PGEN Patient General Retrieval

The Patient General Retrieval is a very flexible option that allows you to design your own report to list or count patients. This report option enables you to select which patients to include in the report, which data items to print, and how the data is sorted. Depending on the choices you make, you can generate a very specific report or a very general report. The logic used to produce the report may be saved for future use. You may also limit your search to predefined templates of patients that have been created with Q-Man, Case Management, or other RPMS tools.

If you design a report that is 80 characters or fewer in width, it can be displayed on your screen or printed. If your report is 81-132 characters wide, it must be printed and can only be printed on a printer capable of producing 132 character lines. Each report includes a cover page that details the user-defined criteria.

To begin generating a report using the Patient General Retrieval option, you will need to indicate whether you want to search the entire database, use a search template of patients, or transfer to Q-Man in order to create a template for use. You will select one of the following:

S Search Template of Patients
P Search All Patients
Q Q-Man Search

To use a search template of patients, you will be prompted for the name of the template. After entering the name of the template, you will be presented with a print item selection list. Select items to print by following the directions in the corresponding section below.

If you select to search all patients in the database, you will have the option of using report logic that you have saved from a previous report generated with PGEN. To use previously saved report logic, enter the name you assigned to the report and press return to run the report. If you are creating a new report, follow the instructions below for selecting search criteria.

Choosing Q-Man Search will transfer you to Q-Man to create a search template. (Refer to the Q-Man user manuals for specific instructions on using Q-Man.) After you have created the template, you will be returned to PGEN to select the type of report desired. Continue to create the report according to the following directions.

**Selecting Search Criteria**

You will be able to select search criteria only if you choose the option for searching all patients in the database and are creating a new report. You will be presented with a referral selection menu to browse. The action items available for browsing this menu are:

| | |
|---|---|
| + Next Screen | Q Quit Item Selection |
| – Previous Screen | R Remove Items |
| S Select Items | E Exit Report |

Enter + and – at the Select Action prompt to review the selection items in the list. When you are ready to select items, press return at the prompt to accept Select Items as the default value or enter “S.” You can select patients based on any combination of the data items in the list. Enter a

list or a range of numbers at the next prompt; for example, 1-4,5,20 or 10,12,20,30. You will then be prompted to define values for the items you chose, as applicable. For instance, if you selected age, you would be prompted to enter an age range.

**Patient Selection Menu**

| | | |
|---|---|---|
| 1) Name | 11) Eligibility Status | 21) EDC |
| 2) Sex | 12) Beneficiary Class | 22) Date EDC Determined |
| 3) Date of Birth | 13) Cause of Death | 23) Contraception Method |
| 4) Age | 14) Medicare | 24) EDC Determination |
| 5) Date of Death | 15) Medicaid | 25) Last Menstrual Period |
| 6) Employer of Patient | 16) Private Insurance | 26) Service Unit of Patient |
| 7) Living Pts | 17) Medicaid Plan Name | 27) Problem List Dx |
| 8) Chart Facility | 18) Pvt Ins Plan Name | 28) Exclude Inactive Pts |
| 9) Community | 19) Priv Ins Verified | 29) Inactive Patients |
| 10) Tribe | 20) Desig Prim Care Prov | |

After you have selected and defined the patient selection criteria, you will be returned to the item list. The items that you selected will be marked with an asterisk (*). You may add or remove items at this point, if needed, by entering “S” (select) or “R” (remove). If you are finished making your selections, press “Q” to leave this screen and continue creating your report.

**Selecting the Report Type**

You will need to select the type of report to be generated from the following choices:

T Total Count Only
S Sub-Counts and Total Count
C Cohort/Template Save
D Detailed Patient Listing

Note that if you are using predefined report logic, you will **not** be presented with the Report Type menu. The report type that will print will be the same one that was saved.

The total count report prints only the total number of patients that match the selection criteria you chose. The sub-counts and total count report lists the total number of matches as well as the subtotal of each different category of the sort variable selected; for example, if you sorted the report by sex, the number of males and the number of females in the group would be printed. The cohort/template save option saves in a template the patients that match your selection criteria. Only the total number of matching patients is displayed. You can then use the template for generating reports and select the print and sort criteria that you need each time. The detailed patient listing allows you to create a report that prints only the data items that you need sorted by the variable you select. If you have selected the detailed patient listing, read the sections below for instructions on selecting the print items and sort category.

**Selecting Print Items**

If you have selected the detailed patient listing report type, you will be presented with the following menu of data items that can be printed. Remember that you can print up to 132 characters if you have a printer capable of printing 132 character lines. Otherwise, your report may not exceed 80 characters. Choose the data items in the order that you would like them

printed. For instructions on browsing and selecting items, refer to the previous section “Selecting Search Criteria.”

**Print Item Menu**

1) Name
2) Chart #
3) Terminal Digit #
4) SSN
5) Sex
6) Date of Birth
7) Age
8) Date of Death
9) Mlg Address-Street
10) Mlg Address-City
11) Mlg Address-Complete
12) Home Phone
13) Employer of Patient
14) Office Phone
15) Mother's Maiden Name
16) Next of Kin
17) Community
18) Tribe
19) Eligibility Status
20) Beneficiary Class
21) Cause of Death
22) Medicare
23) Medicaid
24) Private Insurance
25) Third Party Eligibility
26) Medicaid Plan Name
27) Pvt Ins Plan Name
28) Priv Ins Verified
29) Patient's Last Visit
30) Desig Prim Care Prov
31) EDC
32) Date EDC Determined
33) Contraception method
34) EDC Determination
35) Last Menstrual Period
36) Health Status Items
37) Service Unit of Patient

**Selecting a Sort Category**

If you are creating a detailed report listing or a sub-counts and total count report, you will be presented with the following menu to select a sort variable. If you do not choose a variable, the report will be sorted by Patient Name. To select a sort variable, follow the procedures outlined in the “Selecting Search Criteria” section.

**Sort Criteria Menu**

1) Name
2) Chart #
3) Terminal Digit #
4) Sex
5) Date of Birth
6) Age
7) Date of Death
8) Employer of Patient
9) Community
10) Tribe
11) Eligibility Status
12) Beneficiary Class
13) Cause of Death
14) Third Party Eligibility
15) Medicaid Plan Name
16) Pvt Ins Plan Name
17) Desig Prim Care Prov
18) EDC
19) Date EDC Determined
20) Contraception Method
21) EDC Determination
22) Last Menstrual Period
23) Service Unit of Patient

**Viewing the Report**

After you have specified the selection, print, and sort criteria, as applicable, you will have the option of producing a printed report or displaying the report on the screen for browsing. If you choose to browse the output on the screen, remember that your report must be 80 characters or fewer in width. Use the following keys for browsing the on-screen output:

+ next screen
- previous screen
Q quit
?? more actions

If you choose to generate a printed report, your report may include up to 132 characters in width. Note that any reports greater than 80 characters wide must be printed on a printer capable of producing 132 character lines or a printer set up for condensed print.

The following sample report is based on these criteria:

**Patient Selection Criteria**

Patient Age: 20-25
Patient Community: Sells

**Print Item Selection**

Patient Name (1)
Patient Chart # (2)
Patient Age (7)
Patient Community (16)
Patient Tribe (17)
Patient's Last Visit (27)
TOTAL column width: 80

**Patient Sort Variable**

Patient Name (1)

```
NAME                 HRN       AGE   COMMUNI  TRIBE OF MEMBER  LAST VISIT
-------------------------------------------------------------------------

BURR,HUGH            SE101292  20    SELLS    TOHONO O'ODHAM   JAN 25, 1990
CARPENTER,CHESTER    SE101180  22    SELLS    TOHONO O'ODHAM   APR 04, 1994
FILMORE,ELAINE       SE102353  23    SELLS    TOHONO O'ODHAM   FEB 21, 1990
GRANT,QUENTIN        SE102356  23    SELLS    TOHONO O'ODHAM   JAN 31, 1990
GREEN,TONY           SE101002  25    SELLS    TOHONO O'ODHAM   JAN 08, 1990
HANCOCK,TAMMY        SE102500  21    SELLS    TOHONO O'ODHAM   DEC 31, 1991
JACKSON,MALLORY      SE102385  22    SELLS    TOHONO O'ODHAM   FEB 09, 1990
JONES,JODY           SE101167  23    SELLS    TOHONO O'ODHAM   JAN 10, 1990
MILLER,EDNA          SE101047  25    SELLS    TOHONO O'ODHAM   JAN 26, 1990
REAGAN,KAY           SE102966  25    SELLS    TOHONO O'ODHAM   FEB 02, 1990
ROBERTS,PENNY        SE102345  25    SELLS    TOHONO O'ODHAM   JAN 30, 1990
THATCHER,DEE         SE102838  23    SELLS    TOHONO O'ODHAM   JAN 12, 1990
VON BRAUN,BECKY      SE102840  23    SELLS    TOHONO O'ODHAM   JAN 18, 1990
WATERMAN,LENORE      SE102313  23    SELLS    TOHONO O'ODHAM   JAN 03, 1990
WINKERBEAN,JENNIFE   SE101082  24    SELLS    TOHONO O'ODHAM   JAN 29, 1990

Total Patients:  15

RUN TIME (H.M.S): 0.0.6
```

# DP Patient Listing by Primary Care Provider

This report generates a list of patients for a specific Primary Care Provider or for all Primary Care Providers at the facility.

The following sample report displays patients for all Primary Care Providers. Note that the list of patients for each provider prints on a separate page.

```
DESIGNATED PROVIDER PATIENT LISTING    APR  3,1996 10:41 AM     PAGE   1

                                                      CURRENT
NAME                    DOB             HRN           COMMUNITY      LAST VISIT
-------------------------------------------------------------------------------

        DESIGNATED PROVIDER: CURTIS,CLAYTON
WHEELWRIGHT,MANDY       JAN  1,1970     100006        TUCSON         JAN 24, 1996
ENOS,DON                MAR  5,1941     100041        SANTA ROSA     FEB 07, 1996
SMITH,JAMES A           SEP  8,1920     123499        SELLS          JAN 25, 1996
ADAMS,ANDY              JAN  3,1989     101926        SELLS          DEC 20, 1994



DESIGNATED PROVIDER PATIENT LISTING    APR  3,1996 10:42 AM     PAGE   2
CURRENT
NAME                    DOB             HRN           COMMUNITY      LAST VISIT
-------------------------------------------------------------------------------

        DESIGNATED PROVIDER: GRAU,DAVID
MUSTARD,CHARLES         APR  1,1970     100999        SAN MIGUEL     SEP 28, 1994
```

# VDP Patients by Primary Care Provider w/ Visit Counts

The VDP report produces a list of patients by Primary Care Provider. It includes the patient's name, chart number, age, number of times seen by the primary care provider, number of times seen by other primary providers, and diagnoses.

The following sample report displays all designated providers for the time period from October 1, 1993 to June 30, 1994. Note that the report for each provider prints on a separate page.

```
                                                                  Page 1
                          SELLS HOSPITAL/CLINIC
                 PATIENTS BY DESIGNATED PROVIDER, WITH VISIT COUNTS
                        DESIGNATED PROVIDER:  CURTIS,CLAYTON
                   VISIT DATES:  OCT 01, 1993  TO  JUN 30, 1994


                                  TIMES  OTHER
                                  SEEN   PROVIDERS
PATIENT NAME     CHART #  AGE   BY DP  SEEN            ICD DIAGNOSES
-------------------------------------------------------------------------------
WHEELWRIGHT,MAN   100006  24       0   SHORR,GREG (1) 250.00 - DM UNCOMPL/T-II/



                                                                    Page 2
                          SELLS HOSPITAL/CLINIC
                 PATIENTS BY DESIGNATED PROVIDER, WITH VISIT COUNTS
                          DESIGNATED PROVIDER:  SHORR,GREG
                   VISIT DATES:  OCT 01, 1993  TO  JUN 30, 1994

                                  TIMES  OTHER
                                  SEEN   PROVIDERS
PATIENT NAME     CHART #  AGE   BY DP  SEEN            ICD DIAGNOSES
-------------------------------------------------------------------------------
WATERMAN,RAE JE      256  61       1  BILLARD,AB (8)  .9999 - UNCODED DIAGNOSIS
                                      CURTIS,CLA (17) 099.9 - VENEREAL DISEASE
                                      DOCTOR,JOS (1)  250.00 - DM UNCOMPL/T-II/
                                      ROANHORSE, (1)  293.82 - ORGANIC HALLUCIN
                                      SHMULE,SAM (1)  295.24 - CATATONIA-CHR/EX
                                                      296.21 - DEPRESS PSYCHOSI
                                                      300.9 - NEUROTIC DISORDER
                                                      305.90 - DRUG ABUSE NEC/M
                                                      311. - DEPRESSIVE DISORDE
                                                      401.9 - HYPERTENSION NOS
                                                      465.9 - ACUTE URI NOS
                                                      719.40 - JOINT PAIN-UNSPE
RUN TIME (H.M.S): 0.0.03
```

# DMG Detailed Patient Register R-DMG-510

This report resembles the output from the R-DMG-510 report from the Albuquerque data center. For this report you will be able to select patients from a specific facility.

First, you will be asked to select a specific facility. You will then be prompted to select search criteria for a selected group of patients. Finally, you may sort the report output on a selected variable. The following selection and sort criteria are available.

**Selection Criteria**

1) Name
2) Sex
3) Date of Birth
4) Age
5) Date of Death
6) Living Pts
7) Chart Facility
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Cause of Death
13) Medicare
14) Medicaid
15) Private Insurance
16) Medicaid Plan Name
17) Pvt Ins Plan Name
18) Priv Ins Verified
19) Desig Prim Care Prov
20) EDC
21) Exclude Inactive Pts

**Sort Criteria**

1) Name
2) Chart #
3) Sex
4) Date of Birth
5) Age
6) Date of Death
7) Community
8) Tribe
9) Eligibility Status
10) Beneficiary Class
11) Cause of Death
12) Medicaid Plan Name
13) Pvt Ins Plan Name
14) Desig Prim Care Prov
15) EDC

```
                          INDIAN HEALTH SERVICE          PAGE   1
                          PATIENT REGISTRATION SYSTEM    DATE:4/3/96
AREA: TUCSON              SU: SELLS                      FACILITY:SELLS HOSPITAL/CLINIC

                      BIRTH                BLOOD  --- ELIGIBILITY ---
HRN      NAME         DATE    SEX TRB  BEN QUNTM   MCR MCD PVT VET CHS  RESIDEN SOC SEC NO
-------------------------------------------------------------------------------------------
SEL02060 BURR,MARYLOU 1/28/90 F   282  01  1/2    X               X    SELLS   089640896
SE102043 FARMER,MALLO 1/5/90  F   096  01  FULL       X                ANEGAM  088150881
SE035000 SMITH,JAMIE  9/1/92  M   096  01  FULL             X   X    TUCSON  089410894
SE102058 THATCHER,DAW 1/20/90 F   096  01  FULL          X           SELLS   047380473
```

# RES Resource Allocation/Workload Reports

The Resource Allocation/Workload Reports provide data on the number of registered patients at a Service Unit or facility and the number of active patients, the number of visits, APC visits, and primary care provider visits by those registered patients.

This menu includes an Operations Summary sub-menu and the following report options.

```
          ******************************************
          **         PCC Management Reports       **
          **  Resource Allocation/Workload Reports  **
          ******************************************
                        Version 3.0

                     SELLS HOSPITAL/CLINIC


OPS     Operations Summary for a Service Unit or Facility ...
RPVC    Registered Patients and Visits by Community
RPVT    Registered Patients and Visits by Tribe
RPVS    Registered Pts and Visits by SU of Residence
AGE     Registered Patients by Age, Sex, Tribe, Community
ACC     Active Patient Count by Community of Residence
ACS     Active Patient Count by SU of Residence
ACT     Active Patient Count by Tribe
CH      Community Health Profile Summary
CHWL    Clinic Hourly Workload Report
```

**Estimated Run Time:** These reports may have lengthy run times depending on the parameters you specify for each one. If you need assistance determining which reports to queue, please contact you local Site Manager.

# OPS Operations Summary for a Service Unit or Facility

The following reports are available from the Operations Summary menu.

```
                    ********************************
                    **   PCC Management Reports   **
                    **   Operations Summary Menu  **
                    ********************************
                            Version 3.0

                         SELLS HOSPITAL/CLINIC


  OS     Generate Operations Summary
  SECT   List PCC Operations Summary Sections
  TYPE   Create/Edit Operations Summary Type
  DISP   Display a Operations Summary Type
```

# OS Operations Summary

This report provides summarized data for a single month or FY-to-date for a specific facility, a selected group of facilities, or for the entire Service Unit (SU) if all data for the SU is processed on your computer.

When selecting the period for which the report is to be run, consider whether all data has been entered for that period. The summary type print choices are:

- Ambulatory Care Section Only
- CHS
- Complete Operations Summary
- In-Hospital Only
- Inpatient Only
- Pharmacy Only
- Population Only Summary

The following sample report displays a Complete Operations Summary.

---

```
                OPERATIONS SUMMARY FOR MEMORIAL HOSPITAL
                     FOR FY94-To-Date as of 9-30-94

Note: In parentheses (following each statistic) is the percent increase or
decrease from the same time period in the previous year. "**" indicates no
data is present for one of the two time periods.


PATIENT REGISTRATION

There are 29,275 living patients (+9%) registered at this SU.  This number
does not represent the 'Active User Population' which is found elsewhere in
PCC Reports.  There have been 1,730 new patients (+12%) registered during this
time period.   317  births (-8%) and  291  deaths (+2%) occurred in this
period based on data in the Patient Registration File.


THIRD PARTY ELIGIBILITY

There were  277  patients (+7%) enrolled in Medicare Part A and  231  patients
(+11%) enrolled in Part B at the end of this time period.

There were also  1,137  patients (+20%) enrolled in Medicaid and  412
patients (+36%) with an active Private Insurance policy as of that date.
```

CONTRACT HEALTH SERVICES

Total CHS expenditures (obligations adjusted by payments) for this period were $564,296 (+16%). The number and dollar amount of authorizations by type were:

| | | | | |
|---|---|---|---|---|
| 43 - Hospitalization | 296 | ( +2%) | $312,196 | (+18%) |
| 57 - Dental | 351 | ( +8%) | $ 80,500 | ( -4%) |
| 64 - Non-Hospital Service | 1,163 | (+19%) | $171,600 | (+15%) |

DIRECT INPATIENT

There were 1,437 discharges (+6%) during this period, accounting for 6,754 patient days (+2%). The average length of stay was 4.7 days compared to an ALOS of 4.6 during this period last year.

The five leading primary diagnoses for hospitalizations were:

| | | | |
|---|---|---|---|
| 1 - | Normal Delivery | 104 | (-15%) |
| 2 - | Pneumonia | 72 | ( +8%) |
| 3 - | Diabetes Mellitus | 71 | (+12%) |
| 4 - | Ischemic Heart Disease | 65 | (-16%) |
| 5 - | Appendicitis | 60 | (+26%) |

AMBULATORY CARE VISITS

There were a total of 47,291 ambulatory visits (+7%) during the period for all visit types except CHS.

They are broken down below by Type, Location, Service Category, Provider Discipline and leading Diagnoses. These do not equate to "official" APC Visits which are identified in other PCC reports.

By Type:

| | | |
|---|---|---|
| IHS | 47,001 | ( +7%) |
| 638 | 0 | ( ) |
| Other | 290 | ( +2%) |

By Location:

| | | |
|---|---|---|
| Sells Hosp. | 45,800 | ( +9%) |
| San Xavier Clinic | 0 | ( ) |
| San Rosa Clinic | 0 | ( ) |
| Home | 920 | ( -2%) |
| School | 571 | ( -2%) |

By Service Category:

| | | |
|---|---|---|
| Ambulatory | 46,601 | ( +7%) |
| Telecommunication | 250 | ( 0%) |
| Not Found | 440 | ( 0%) |
| Day Surgery | 0 | ( ) |
| Observation | 0 | ( ) |
| Nursing Home | 0 | ( ) |

By Clinic Type

| | | |
|---|---|---|
| General | 46,601 | ( +7%) |
| Audiology | 250 | ( 0%) |
| Well Child | 440 | ( 0%) |

By Provider Type (Primary and Secondary Providers):

| | | |
|---|---|---|
| Phys | 29,500 | ( +5%) |
| RN | 14,200 | (+19%) |
| LPN | 11,150 | ( +6%) |
| CHN | 4,111 | (-14%) |
| Pharmacy | 21,520 | (+16%) |
| Surgeon | 421 | ( -8%) |
| Internist | 1,811 | (-12%) |
| Optometrist | 710 | ( +4%) |
| Podiatrist | 1,111 | ( -2%) |
| Nurse Pract. | 297 | (-37%) |
| Total | 84,831 | (+10%) |

The ten leading purposes of ambulatory visits by individual ICD Code and by APC groups are listed below. Both primary and secondary diagnoses are included in the counts.

By ICD Diagnosis

| | | | |
|---|---|---|---|
| 1 | - Upper Respiratory Inf. | 4,722 | ( +8%) |
| 2 | - Prenatal Care | 3,691 | (-12%) |
| 3 | - Diabetes Mellitus | 3,480 | ( -9%) |
| 4 | - Otitis Media | 3,217 | (+17%) |
| 5 | - Impetigo | 1,911 | ( +3%) |
| 6 | - Complications of Pregnancy | 1,271 | ( -8%) |
| 7 | - Laceration | 862 | ( -8%) |
| 8 | - Sprains/Strains | 490 | (+11%) |
| 9 | - Rheumatoid Arthritis | 487 | ( +4%) |
| 10 | - Gastroenteritis | 452 | (-22%) |

By APC Grouping

| | | | |
|---|---|---|---|
| 1 | - URI | 5,110 | ( +4%) |
| 2 | - Diabetes Mellitus | 3,890 | (+10%) |
| 3 | - Influenza | 2,001 | (-10%) |
| 4 | - Impetigo | 2,150 | ( -4%) |
| 5 | - Prenatal Care | 1,200 | ( +8%) |
| 6 | - Well Child Care | 1,180 | (-11%) |
| 7 | - Conjunctivitis | 850 | (+17%) |
| 8 | - Physical Exams | 710 | ( -2%) |
| 9 | - Anemia | 666 | ( -2%) |
| 10 | - Alcoholism | 652 | ( +5%) |

INJURIES

There were 5,217 visits for injuries (-11%) reported during this period. Of these, 1,252 were new injuries (+8%). The five leading causes were:

| | | | |
|---|---|---|---|
| 1 - | Falls | 221 | ( +5%) |
| 2 - | Motor Vehicle | 190 | (-12%) |
| 3 - | Stings & Venoms | 101 | ( -2%) |
| 4 - | Purposely Inflicted | 72 | (+19%) |
| 5 - | Undetermined | 66 | ( +4%) |

EMERGENCY ROOM

There were 2,911 visits (+16%) to the ER (Clinic Code=30). Of these 1,216 had an injury diagnosis (-12%) and 621 had an alcohol-related diagnosis (+4%).

PHARMACY

There were 21,000 new prescriptions (+17%) and 39,000 refills (+12%) during this period.

DENTAL

There were 4,920 patients (+12%) seen for Dental Care. They accounted for 7,826 visits (+19%). The five leading service categories were:

| | | |
|---|---|---|
| 1 - | Restoration | ( +8%) |
| 2 - | Extraction | (+24%) |
| 3 - | Fluoridation | (+12%) |
| 4 - | Exam | ( -1%) |
| 5 - | Sealants | (+16%) |

## SECT List PCC Operations Summary Sections

This option lists the summary types available for the operations reports. A sample display follows.

```
PCC OPERATIONS SUMMARY SECTION LIST            APR  3,1996  14:51    PAGE 1
NAME
--------------------------------------------------------------------------------

AMBULATORY
CONTRACT HEALTH SERVICES
IN-HOSPITAL
INPATIENT SERVICES
PHARMACY
POPULATION/THIRD PARTY
```

## TYPE Create/Edit Operations Summary Type

This option allows you to edit an Operations Summary Type or create a new one.

Begin by entering the name of the summary type you would like to create or the name of an existing summary type to edit. Then follow the prompts to specify the components of the summary type and to indicate the order in which you want them to appear in your operations reports.

## DISP Display an Operations Summary Type

This option allows you to display an Operations Summary Type. The components of each are shown together with the order in which they will appear in a report.

You may choose from the list below or select a summary type that you have created.

- Ambulatory Care Section Only
- CHS
- Complete Operations Summary
- In-Hospital Only
- Inpatient Only
- Pharmacy Only
- Population Only Summary

The following sample shows the Complete Operations Summary type.

```
PCC MAN REPORTS OP SUM TYPE LIST              APR 11,1996  16:12      PAGE 1
------------------------------------------------------------------------------


NAME: COMPLETE OPERATIONS SUMMARY
SUMMARY ORDER: 1                        COMPONENT NAME: POPULATION/THIRD PARTY
SUMMARY ORDER: 2                        COMPONENT NAME: CONTRACT HEALTH SERVICES
SUMMARY ORDER: 3                        COMPONENT NAME: INPATIENT SERVICES
SUMMARY ORDER: 4                        COMPONENT NAME: AMBULATORY
SUMMARY ORDER: 5                        COMPONENT NAME: IN-HOSPITAL
SUMMARY ORDER: 6                        COMPONENT NAME: PHARMACY
```

## RPVC Registered Patients and Visits by Community

## RPVT Registered Patients and Visits by Tribe

## RPVS Registered Patients and Visits by SU of Residence

All three of these report options search the patient files and print the following:

1. The number of living patients registered at the facility or SU you selected.
2. The number of patients receiving any service.
3. The number of PCC services (visits) by those patients.
4. The number of APC visits by those patients.
5. The number of APC primary care provider visits (PCP) by those patients.

The report may be sorted by Community of Residence, Tribe of Membership, or Service Unit of Residence.

You are able to select which portions of the patient database are included in the report by responding to various questions at the beginning of the report generation. Help screens are available to assist you with responding to these questions. Definitions of the following are also available in help screens: Registered Patients, Patients Receiving a Service, PCC Services (All PCC Visits), APC Visits, PCP Visits.

The following is a sample RPVC report.

SELLS HOSPITAL/CLINIC FEB 5,1995 Page 1

Registration and Visit Counts for all Patients Registered at
SELLS HOSPITAL/CLINIC Facility.

The report is sorted by Community of Residence.
A '*' after the Community name indicates a Non-Service Unit Community.
Visit Counts between SEP 1,1994 and DEC 31,1994.

| Current Community of residence | Reg Pts Living As of Today | Patients Rec'ing Service | All PCC Srvs | APC Visits | PCP Visits |
|---|---|---|---|---|---|
| ALI OIDAK | 6 | 3 | 4 | 3 | 3 |
| ANEGAM | 6 | 3 | 3 | 1 | 0 |
| ARIVACA* | 5 | 1 | 1 | 0 | 0 |
| ARTESA | 5 | 1 | 1 | 1 | 1 |
| KAKA | 8 | 0 | 0 | 0 | 0 |
| LITTLE TUCSON | 6 | 0 | 0 | 0 | 0 |
| MARANA | 1 | 1 | 10 | 7 | 7 |
| Total: | 37 | 9 | 19 | 12 | 11 |

# AGE Registered Patients by Age, Sex, Tribe, Community (Age Bucket Report)

The Age Bucket Report describes the demographics and epidemiology of a service population. You may define the parameters for the age groups that appear across the top of the page or you may use the predefined groups. Sex, Tribe of Membership, or Community of Residence display down the left side of the page. Cross-tabulations and column subtotals also display.

The report includes all living patients registered through patient registration at the facility or Service Unit you select.

TRIBE OF MEMBERSHIP By AGE GROUP Page 1
All Living Patients Registered at SELLS HOSPITAL/CLINIC
JAN 26, 1995

| | AGE GROUPS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| TRIBE OF MEM | 0 | 1-4 | 5-14 | 15-19 | 20-24 | 25-44 | 45-64 | 65-125 | TOT |
| ALASKAN INDI | . | . | . | . | . | 1 | . | . | 1 |
| APACHE | . | 2 | . | . | 1 | 1 | 2 | . | 6 |
| ARAPHOE TRIB | . | . | . | 1 | . | . | . | . | 1 |
| CHEMEHUEVI T | . | . | 1 | . | . | 1 | . | . | 2 |
| CHEROKEE NAT | . | . | . | 1 | 1 | . | 1 | . | 3 |
| CHINESE | . | . | . | . | . | . | 1 | . | 1 |
| COCOPAH TRIB | . | . | . | . | . | 1 | . | . | 1 |
| CREEK NATION | . | . | 1 | . | . | 1 | . | . | 2 |
| CROW TRIBE O | . | . | . | 1 | . | 1 | . | . | 2 |
| DAKOTA (SIOU | . | . | . | . | 1 | . | 2 | . | 3 |
| TOHONO O'ODH | . | 21 | 77 | 38 | 42 | 136 | 68 | 61 | 443 |
| UNSPECIFIED | . | 3 | . | . | 3 | 1 | . | . | 7 |
| TOTAL | 0 | 26 | 79 | 41 | 48 | 143 | 74 | 61 | 472 |

# ACC Active Patient Count by Community of Residence

# ACS Active Patient Count by SU of Residence

# ACT Active Patient Count by Tribe

All three report options search the patient file and print the following:

1. The number of living patients registered at the facility or SU selected.
2. The number of active patients registered at the facility or SU selected.

The report may be sorted by Community of Residence, Tribe of Membership, or Service Unit of Residence, depending on the option you select.

You are able to select which portions of the patient database are included in the report by responding to various questions at the beginning of the report generation. Help screens are available to assist you with responding to these questions. Definitions of Registered Patients and Active Patients are also available in help screens.

The following is a sample ACT report.

```
SAN XAVIER HEALTH CENTER                                  FEB 5,1995  Page 1

Registration and Active Patient Counts for all Patients Registered in
SELLS Service Unit.

The report is sorted by Tribe of Membership.
Active Patients were those seen between OCT 01,1994 and FEB 5,1995.

Tribe of Membership                              Reg Pts Living   Active
                                                 As of Today      Patients
-------------------------------------------------------------------------
ALASKAN INDIAN                                          1               1

NON-INDIAN BENEFICIARY                                  1               1

TOHONO O'ODHAM NATION OF ARIZONA                       91              61
                                                      ------          ------
                                          Total:       93              63
```

# CH Community Health Profile Summary

The Community Health Profile Summary presents a profile of health care for patients who reside in the particular community or communities that you select. This report allows you to compare the clinical data from selected communities with that of the entire Service Unit. The data categories included in this report are:

- Patient Registration
- Top 15 POVs for Direct, Contract, and Outpatient Visits
- Top 15 Inpatient Diagnoses
- Leading Surgical Procedures
- Top 10 Causes of Injuries
- Top Dental Services

To generate the report, you will enter a date range and identify the community or communities of interest. The following report was generated for the Little Tucson community in the Sells Service Unit for the 1995 calendar year.

---

Apr 19, 1996 Page 1

***** COMMUNITY HEALTH PROFILE *****
Jan 01, 1993 to Dec 31, 1995
LITTLE TUCSON

There are 274 living patients registered at SELLS HOSPITAL/CLINIC.
173 received health care services during this time period.
8 are currently enrolled in Medicare Part A; 14 in Medicare Part B;
100 in Medicaid; and 11 have Private Insurance.

There were 3 births and 1 deaths during this period.

AGE/SEX Distribution as of Apr 19, 1996

| | 0-4 | 5-9 | 10-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60-69 | 70-79 | 80 + | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MALE | 12 | 11 | 16 | 28 | 22 | 21 | 13 | 7 | 4 | 2 | 136 |
| FEMALE | 16 | 14 | 14 | 33 | 19 | 12 | 14 | 5 | 8 | 1 | 137 |
| TOTAL | 28 | 25 | 30 | 61 | 41 | 33 | 27 | 12 | 13 | 3 | 273 |

The Top 15 Purposes of Direct and Contract Outpatient Visits were:
Both Primary and Secondary Diagnoses are included

| LITTLE TUCSON | | SELLS Service Unit | |
|---|---|---|---|
| DM UNCOMPL/T-II/NIDDM,NS | (169) | DENTAL EXAMINATION | (4409) |
| DENTAL EXAMINATION | (162) | DM UNCOMPL/T-II/NIDDM,NS | (4289) |
| HYPERTENSION NOS | (104) | CHRONIC RENAL FAILURE | (3395) |
| COUNSELING,NOS | (80) | ENCTR EXTRACORP DIALYSIS | (2710) |
| OTH ACQ LIMB DEFORMITY | (70) | ISSUE REPEAT PRESCRIPT | (2285) |
| OTITIS MEDIA NOS | (41) | HYPERTENSION NOS | (2133) |
| PHYSICAL THERAPY NEC | (39) | OTITIS MEDIA NOS | (1749) |
| ACUTE URI NOS | (33) | ACUTE URI NOS | (1568) |
| IMPETIGO | (32) | SUPERVIS OTH NORMAL PREG | (1503) |
| CHRONIC ULCER OF LEG | (29) | COUNSELING,NOS | (1413) |
| ISSUE REPEAT PRESCRIPT | (24) | ASTHMA W/O STATUS ASTHM | (1297) |
| URIN TRACT INFECTION NOS | (23) | RHEUMATOID ARTHRITIS | (1160) |
| DERMATOPHYTOSIS OF FOOT | (20) | URIN TRACT INFECTION NOS | (930) |
| ASTHMA W/O STATUS ASTHM | (18) | BRONCHITIS NOS | (834) |
| ANKYLOSING SPONDYLITIS | (15) | DERMATOPHYTOSIS OF FOOT | (768) |

The Top 15 Inpatient Diagnoses were:

| LITTLE TUCSON | | SELLS Service Unit | |
|---|---|---|---|
| URIN TRACT INFECTION NOS | (23) | DM UNCOMPL/T-II/NIDDM,NS | (109) |
| HYPOPOTASSEMIA | (18) | HYPERTENSION NOS | (53) |
| HYPERTENSION NOS | (17) | CELLULITIS OF LEG | (43) |
| CHRONIC ULCER OF LEG | (15) | ALCOHOL DEP NEC/NOS-UNSPEC | (41) |
| PNEUMONIA, ORGANISM NOS | (10) | URIN TRACT INFECTION NOS | (39) |
| DIS PLAS PROTEIN MET NEC | (10) | POSTSURG AFTERCARE NEC | (38) |
| ANEMIA NOS | (8) | OBESITY | (30) |
| STAPHYLOCOCC SEPTICEMIA | (7) | HYPOVOLEMIA | (15) |

The Leading Surgical Procedures were:

| LITTLE TUCSON | | SELLS Service Unit | |
|---|---|---|---|
| EXCISIONAL DEBRIDEMENT WO | (13) | EXCISIONAL DEBRIDEMENT WO | (402) |
| INJECT ANTIBIOTIC | (9) | INJECT ANTIBIOTIC | (140) |
| NAIL REMOVAL | (5) | VAGINOSCOPY | (98) |
| INJECT/INFUSE ELECTROLYT | (3) | INJECT/INFUSE ELECTROLYT | (47) |
| DRESSING OF WOUND NEC | (2) | APPLICATION OF SPLINT | (38) |
| APPLICATION OF SPLINT | (1) | NAIL REMOVAL | (30) |
| PACKED CELL TRANSFUSION | (1) | TOOTH EXTRACTION | (17) |

The Top 10 Causes of Injury were:

| LITTLE TUCSON | | SELLS Service Unit | |
|---|---|---|---|
| ASSAULT NOS | (16) | FALL NEC NOS | (185) |
| FALL NEC NOS | (14) | ASSAULT NOS | (121) |
| STRUCK BY OBJ/PERSON NEC | (7) | TRAFFIC ACC NOS-PERS NOS | (47) |
| FIRE ACCIDENT NOS | (3) | ACC-CUTTING INSTRUM NEC | (35) |
| HORNET/WASP/BEE STING | (1) | STRUCK BY OBJ/PERSON NEC | (34) |
| | | DOG BITE | (7) |
| | | STRUCK IN SPORTS | (6) |

The Top Dental Services were:

| LITTLE TUCSON | | SELLS Service Unit | |
|---|---|---|---|
| PATIENT REVISIT | (54) | PATIENT REVISIT | (2311) |
| FIRST VISIT | (44) | FIRST VISIT | (2062) |
| OTHER DRUGS/MEDICAMENTS | (36) | OTHER DRUGS/MEDICAMENTS | (1004) |
| INTRAORAL PERIAPICAL, SIN | (26) | ORAL EXAMINATION, INITIAL | (987) |
| ORAL EXAMINATION, INITIAL | (22) | INTRAORAL PERIAPICAL, SIN | (977) |

End of Report. This report is based on visit data processed on the SELLS HOSPITAL/CLINIC computer.

RUN TIME (H.M.S): 0.1.19
End of report. HIT RETURN:

# CHWL Clinic Hourly Workload Report

This report generates a 24-hour period visit count by clinic for a date range you specify. The report counts ALL visits, EXCEPT the following:

Visit Types
- Contract
- VA

Visit Service Categories
- Chart Review
- In-Hospital
- Ancillary
- Hospitalizations
- Events
- Telecommunications
- Visits WITHOUT a Primary Provider and Purpose of Visit.

You will enter the beginning and ending report date, the facility, the clinic(s), patient age range, and whether visits for all providers or one specific provider will be included. The report provides totals by hourly time frames.

**Note:** Visits must have a Primary Provider and Purpose of Visit to be included in this report.

The sample report below is a workload report for the Emergency Medicine clinic from July 12 to July 14, 1996. The data reported includes patients from 1 to 18 years of age only. The facility selected is Sells Hospital and data for all providers is included.

CLINIC HOURLY WORKLOAD REPORT
LOCATION OF VISITS: SELLS HOSPITAL/CLINIC
CLINIC: EMERGENCY MEDICINE
VISIT DATES: JUL. 12, 1994 TO JUL 14, 1996
AGE RANGE: 1-18

| DATE | DOW | 12AM | 1AM | 2AM | 3AM | 4AM | 5AM | 6AM | 7AM | 8AM | 9AM | 10AM | 11AM | 12PM | 1PM | 2PM | 3PM | 4PM | 5P | 6P | 7P | 8P | 9P | 10P | 11P | 12P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 07/12 | MON | . | . | . | . | . | . | . | . | 2 | . | 10 | 10 | 8 | 2 | 10 | 1 | . | . | . | . | . | . | . | . | . |
| 07/13 | TUE | . | . | . | . | . | . | . | . | 1 | . | 10 | 10 | 8 | 2 | 10 | 1 | . | . | . | . | . | . | . | . | . |
| 07/14 | WED | . | . | . | . | . | . | . | . | 1 | . | 10 | 10 | 8 | 2 | 10 | 1 | . | . | . | . | . | . | . | . | . |
| TOTALS | | . | . | . | . | . | . | . | . | 4 | . | 30 | 30 | 24 | 6 | 30 | 3 | . | . | . | . | . | . | . | . | . |

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# INPT Inpatient Reports

This set of reports provides data on inpatient admissions and discharges entered into the PCC database. The following reports are available:

```
                    **********************************
                    **    PCC Management Reports    **
                    **      Inpatient Reports       **
                    **********************************
                              Version 3.0

                           SELLS HOSPITAL/CLINIC


  HDM    Hospital Discharges by Month of Discharge(2A)
  HDD    Hospital Discharge Listing By Date
  IICD   Hospital Discharge Listing By DX or Procedure
  HDT    Hospital Discharge by Taxonomy (Template/Create)
  ADER   Admissions from the ER
```

# HDM Hospital Discharges by Month of Discharge (2A)

This report prints a monthly tabulation showing the number of direct (IHS, 638, or Tribal) inpatient discharges by month of discharge.

The report shows FY-to-date monthly totals for all facilities in the IHS AREA you specify. Each facility displays on a separate line. Monthly and location totals also display.

The report must print on 132-column paper or a printer set up for condensed print.

A sample HDM report is shown on the following page.

AREA: 00 TUCSON — NUMBER OF HOSPITAL DISCHARGES BY MONTH OF DISCHARGE — Fiscal Year 94 — OCT 07, 1994 — Page 1

| | YR-TO DATE | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JULY | AUG | SEPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SELLS HOSPITAL/CLINIC | 29 | 3 | 2 | 1 | 2 | 3 | 1 | 4 | 6 | 1 | 1 | 1 | 3 |
| SAN XAVIER HEALTH CENTER | 14 | 0 | 1 | 4 | 0 | 0 | 0 | 1 | 4 | 2 | 0 | 1 | 1 |
| TOTAL | 43 | 3 | 3 | 5 | 2 | 3 | 1 | 5 | 10 | 3 | 2 | 2 | 4 |

# HDD Hospital Discharge Listing by Date

This report provides hospital discharges for your patient population. The report displays the admitting and discharge date, patient chart number, and the discharge service. You may sort by date of discharge or location of encounter.

```
  HOSPITAL DISCHARGES FOR SEPT. 1994           FEB  5,1995  19:27   PAGE 1
PATIENT NAME                    CHART #    ADMIT DATE     DISCHARGE SERVICE
-------------------------------------------------------------------------


        DATE OF DISCHARGE: SEP  9,1994
PETERS,BILL                     11427      SEP  4,1994    SURGERY
BROWN,MARY                      09422      SEP  1,1994    GENERAL MEDICINE
MILLER,CHERYL                   61711      AUG 20,1994    OBSTETRICS
JOHNSON,CHERYL                  14190      SEP  1,1994    PEDIATRICS
SMITH,DARLENE                   61492      SEP  5,1994    OBSTETRICS
JOHNSON,LARRY                   61256      AUG 31,1994    PEDIATRICS
SMITH,DAVID                     90311      SEP  2,1994    PEDIATRICS
MILLER,IRMA                     23191      SEP  3,1994    PEDIATRICS
BLACK,LARRY                     17655      AUG 10,1994    SURGERY
WHITE,MARY                      89256      AUG 25,1994    PEDIATRICS
MILLER,JIM                      25259      SEP  5,1994    NEWBORN
MARTIN,IRMA                     21117      AUG 31,1994    PEDIATRICS
JONES,SAM                       26262      SEP  7,1994    NEWBORN
JOHNSON,CHERYL                  20629      SEP  1,1994    OBSTETRICS
----------------------------
COUNT 14
```

**Estimated Run Time:** Processing time for this report may be lengthy, depending on the date range that you specify. If you are using a date range greater than one month, you may want to queue this report to run at night or after regular hours. Please contact your local Site Manager if you have any questions about queuing this report.

# IICD Hospital Discharge Listing by DX or Procedure

This option prints a list of hospitalization visits by discharge date or admission date. You can select visits by ICD or Procedure code and treatment specialties. Also, you can print data for selected providers. The report prints ICD codes and narratives for all diagnoses and procedures.

First, enter the facility name. Then specify whether you are interested in discharge dates or admission dates and enter the beginning and ending dates for the report. You can specify visits to print for a particular treating specialty, if desired.

You will need to choose one of four reports: (1) all hospitalization visits for the selected dates; (2) only those visits within a selected diagnosis code range; (3) visits within a selected procedure code range; or (4) visits for selected providers. You may use a pre-defined taxonomy of ICD Diagnoses.

The report lists all Inpatient Discharges that meet the criteria you entered during the time period specified. The report displays in alphabetical order by patient name. The following items display for each admission:

- Patient's Name
- Chart Number
- Age
- Admission and Discharge Dates
- Provider Discipline Code
- ICD Codes
- Provider Narrative

*****Confidential Patient Data Covered by Privacy Act*****

ADAM — SELLS HOSPITAL/CLINIC — Page 1
4:14 pm — HOSPITALIZATION DISCHARGES
FEB 8,1995 — for 09/09/94 to 09/09/94

| NAME | HRCN | AGE | VISIT DATES | PRV | ICD | PROV NARRATIVE |
|---|---|---|---|---|---|---|
| BLACK,LARRY | 18294 | 57 | 08/10/94-09/09/94 | 00 | V54.8 | OPEN REDUCTION INTER |
| | | | | | 250.00 | DIABETES MELLITUS |
| | | | | | 365.9 | GLAUCOMA |
| | | | | | 93.22 | AMBULATION, GAIT TRA |
| BROWN,MARY | 12371 | 102 | 09/01/94-09/09/94 | 00 | 285.9 | POSS ANEMIA |
| | | | | | 578.9 | POSS GASTROENTERITIS |
| | | | | | 585. | CHRONIC RENAL FAIL |
| GARCIA,ALFREDO | 20610 | 4 | 09/08/94-09/09/94 | 00 | 774.6 | NEONATAL HYPERBILIRU |

**Estimated Run Time:** Processing time for this report may be lengthy, depending on the parameters that you specify. You may want to queue this report to run at night or after regular hours. Please contact your local Site Manager if you have any questions about queuing this report.

# HDT Hospital Discharge by Taxonomy (Template/Create)

This report option creates a search template of patients based on their hospital discharge date and diagnosis. The template you create can then be used with many report options to display data for only those patients stored in the template. The template will allow for faster report generation because the entire database does not need to be searched each time you need to print data for this group of patients.

The patients selected for inclusion in the template will be living patients who have a discharge date within the time frame you specify. They must also have a primary diagnosis that is in the diagnosis taxonomy you select.

The report excludes the following categories:

- patients discharged before 10 days old
- patients whose length of stay in the hospital was less than 1 day
- patients whose primary diagnosis is not in the user-selected taxonomy

You will first be prompted to enter a beginning and ending discharge date for the patient search. Next you will enter the name of a diagnosis taxonomy. Note that this taxonomy must have been defined previously. This report option does not allow you to create a diagnosis taxonomy. See your Site Manager for assistance if you need to create a diagnosis taxonomy.

Finally, you will enter the name of the search template in which the patients will be stored. You can save them in an existing template or create a new one. If you are saving the patients in an existing taxonomy, this new group of patients will replace the group of patients that was previously stored in that template.

When you have finished entering your search criteria, the following message appears indicating the number of patients that were found and stored in the template.

```
An unduplicated patient list resulting from this report will be stored in the

                ** DM PATIENTS>60 YEARS  ** Search Template.

OKAY -- HOLD ON WHILE I FIND ALL THE DISCHARGES.......

ALL DONE - FOUND 47 PATIENTS.
```

# ADER Admissions from the ER

This report produces a list of admissions from the ER for a specified date range. Note that this option searches the patient file for any admissions that occurred on the same day as a visit to the ER so the admissions listed may not have been directly from the ER.

```
                          SELLS HOSPITAL/CLINIC                    Page 1
                      HOSPITAL ADMISSIONS AFTER ER VISIT
                  VISITS DATES:  JAN 01, 1990  TO  DEC 30, 1995

     NAME        HRCN       VISIT DATE&TIME  CLN FAC  ICD    PROVIDER NARRATIVE
-------------------------------------------------------------------------------

GRANT,EDITH       SE 100507 01/01/90             SE   289.3  LYMPHADENITIS
                                                      706.2  L NECK CYST INFECTE
   ER Visit Information =>  01/01/90 17:00   30  SE   289.3  LYMPHADENITIS
                                                      706.2  INFECTED NECK CYST

WHEELWRIGHT,RAC   SE 101308 01/26/90             SE   648.21 VAGINAL DELIVERY,AN
                                                      661.31 PRECIPITOUS TERM VA
                                                      663.91 NUCHAL CORD X1
   ER Visit Information =>  01/26/90 06:35   30  SE   661.31 NSVD PRECIPITOUS DE

VON RICHTOFEN,A   SE 101622 01/07/90             SE   486.   RIGHT MIDDLE LOBE P
```

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# QA Quality Assurance Reports

This series of PCC Reports displays patient visit data with ICD Code information or APC recode information.

The following options are available from the Quality Assurance Reports menu:

```
                    ************************************
                    **     PCC Management Reports     **
                    **    Quality Assurance Reports   **
                    ************************************
                              Version 3.0

                             SELLS HOSPITAL/CLINIC


  AUD    Random Sample of Visits by DX and Date
  CICD   Listing of Visits by Clinic Type and by Diagnosis
  INPT   Hospital Discharge Listing By DX or Procedure
  VICD   Listing of Outpatient Visits with ICD Codes
  A      Returns to ER w/in 72 Hrs After Clinic Visit
  ADA    Listing of Clinic Visits with ADA Codes
  CZIP   Clinic Visit Counts by Clinic Type by Zip Code
  CVC    Clinic Visit Counts Within a Date Range
  NVST   Patients with AT LEAST N Visits
  INJ    Listing of Visits with Injury Diagnosis
  PVC    Provider Visit Counts
  PVCT   Provider or Clinic Visit Counts by Template of Patients
  VGEN   Visit General Retrieval
  DEL    Delete VGEN/PGEN Report Definition
  RADM   Readmissions Within 30 Days of a Discharge
  VST    Display Single Visit for a Patient ...
```

# AUD Random Sample of Visits by Diagnosis and Date (PCC Audit Search)

This report searches the PCC database for ambulatory visits that match user-defined criteria. The audit search offers two choices: (1) RANDOMLY select a user-defined number of visits that match the search criteria for each provider and diagnostic range; or (2) ALL visits that meet the search criteria. This routine identifies and retrieves visit information for targeted quality assurance surveys.

You will define the following search criteria:

- Visit Date range
- Patient Age group
- Service Category
- Visit Type
- Clinic Type
- Location of Encounter
- ICD Diagnostic Code ranges

Only visits meeting the user-defined criteria will display in the report. If you select the search to include all providers or selected providers, the search displays POVs by provider. Alternatively, you can ignore the provider entirely. Finally, you can ask for all POVs that match the criteria or retrieve a random sample of any desired number of matching POVs. The report of matches displays by provider and POV. For example, if you select provider and 10 random POVs in the search criteria, the report displays 10 POVs per provider for the specified ICD Diagnostic range.

The first page of the report displays the search criteria selected for generating the report. The remainder of the report displays Chart Number, Visit Date, Primary Provider, ICD code, and ICD Diagnostic Narrative.

**Note:** If you request a random sample, the report displays the total number of POVs matching the selection criteria before the random selection. If the number of matching visits is less than the number that you requested to display, all the visits display. For example, if you request 5 random samples but only 4 visits match your selection criteria, 4 visits display.

A sample report is provided on the following page.

```
SELLS HOSPITAL/CLINIC                                    FEB 6,1995    Page 1

Audit Search for Ambulatory Visits from SEP 1,1994 through SEP 30,1994.

HRCN      Visit Date    Primary Provider     Patient Name              DOB
          ICD9          DIAGNOSIS
-------------------------------------------------------------------------------

  17210   SEP 9,1994    LOGAN,DAVID          BLACK,ANNE             02/01/26
          401.9         HTN

    904   SEP 9,1994    PHYSICIAN,IHS        GREEN,SAM              06/01/45
          401.9         HYPERTENSION NOS

   2545   SEP 13,1994   SHORE,GREG           JOHNSON,MARY           05/01/45
          401.9         HYPERTENSION NOS

  12372   SEP 15,1994   SHORR,GREG           MILLER,CHERYL          12/01/48
          401.9         HYPERTENSION NOS
```

**Estimated Run Time:** Run time for this report is a function of the date range and number of selection criteria chosen. The report processing time may be short for a small date range or longer for a larger date range. You may want to queue this report to print after hours. Please contact your local Site Manager if you have questions regarding queuing this report.

# CICD Listing of Visits by Clinic Type and by Diagnosis

This option allows you to print a list of clinic visits by Clinic and by ICD Code for a specific date range. If desired, the report can be very specific. First, enter the range of visit dates and select to display all clinics, one clinic, or no clinic. Then choose one of three reports: (1) all visits for the specified dates and clinic(s) regardless of ICD codes; (2) all visits that match a diagnostic code range; or (3) all visits that match a procedure code range. Only visits for the site you are logged in to will display on the report. The report displays in alphabetical order by patient name.

**Note:** To print only those visits with no associated clinic code (excluding hospitalizations), enter 0 when asked if you want to print all clinics.

**The visits included must meet the following criteria:**

- Must not be deleted.
- Must be for the site that you logged in to.
- Must **not** be for the following service categories:
  - Hospitalization
  - Observation
  - Events
  - In-Hospital
- Must not be a contract or VA visit type

**The following displays for each Clinic Visit:**

- Patient's Name
- HRN
- Age
- Visit Date
- Provider Discipline Code
- ICD Codes
- Provider Narrative

```
            *****Confidential Patient Data Covered by Privacy Act*****

                          SAN XAVIER HEALTH CENTER                 Page 1
5:55 PM                   CLINIC VISITS FOR GENERAL (01)
FEB 6,1995                    for 09/01/94 to 09/30/94

NAME             HRCN  AGE VISIT DATE/TIME PRV ICD     PROV NARRATIVE

BLACK,BOB        90778  49 09/09/94 0800  11  V68.1    DM MED REFILL
                                             918.1    CORNEAL ABRASION
BLACK,JOHN       11908  19 09/09/94 0910  00  V68.1    HTN MED REFILL
BLACK,LARRY      17655  57 09/09/94 0830  30  V72.6    LAB
BLACK,THERESA    78556  68 09/09/94 1600  00  V68.1    DIABETES MED REFILL
                                             413.9    POSSIBLE ANGINA
                                             715.90   OSTEOARTHRITIS
BROWN,DAVID      90664   3 09/09/94 1334  00  381.4    BILATERAL SEROUS OM
BROWN,DENNIS     16745  49 09/09/94 0915  21  V58.3    DRESSING CHANGE,ULCER,

                                TOTAL PATIENTS FOR CLINIC:  6
                                  TOTAL VISITS FOR CLINIC:  6
```

**Estimated Run Time:** Run time for this report is a function of the date range and number of selection criteria chosen. The report processing time may be short for a small date range or longer for a larger date range. You may want to queue this report to print after hours. Please contact your local Site Manager if you have questions regarding queuing this report.

# INPT Hospital Discharge Listing by Diagnosis or Procedure

This option allows you to print a list of hospitalization visits by Discharge Date or by Admission Date. The visits include your facility only; however, you may identify treating specialties. The list includes ICD Codes and Narratives for all diagnoses and procedures. You have the option of displaying only those visits that contain ICD codes within a given range.

The following information displays for each admission:

- Patient's Name
- HRN
- Age
- Admission and Discharge dates
- Provider Discipline code
- ICD Codes
- Provider Narrative

First, specify a range of Admission or Discharge Dates. Then choose whether you want the report limited to a treating specialty. Finally, select one of three reports: (1) all hospitalization visits for the selected dates; (2) visits within a selected Diagnostic Code range; or (3) visits within a Procedure Code range.

The report displays in alphabetical order by Patient Name. A sample report is included below.

```
          *****Confidential Patient Data Covered by Privacy Act*****

                      SELLS HOSPITAL/CLINIC                    Page 1
 6:01 pm                HOSPITALIZATION DISCHARGES
FEB 6,1995               for 09/01/94 to 09/30/94

NAME             HRCN  AGE  VISIT DATES       PRV  ICD     PROV NARRATIVE

BLACK,LARRY      18294  57 08/10/94-09/09/94  00  V54.8   OPEN REDUCTION INTER
                                                  V57.89  OPEN REDUCTION INTER
                                                  250.00  DIABETES MELLITUS TY
                                                  365.9   GLAUCOMA
                                                  93.22   AMBULATION, GAIT TRA

BROWN,MARY       12371  46 09/01/94-09/09/94  00  285.9   POSSIBLE ANEMIA OF C
                                                  578.9   POSSIBLE GASTROINTES
                                                  585.    POSSIBLE CHRONIC RE

GARCIA,ALFREDO   20610   4 09/08/94-09/09/94  00  774.6   NEONATAL HYPERBILIRU
JOHNSON,ANNE     19066   4 08/05/94-09/09/94      486.    PNEUMONIA
                                                  558.9   GASTROENTERITIS

JOHNSON,CHERYL   19662  24 09/01/94-09/09/94  00  661.21  IUP LABOR.PP HEMORRH
                                                   73.59  SPONTANEOUS VAGINAL

JOHNSON,LARRY    16661  11 08/31/94-09/09/94  74  854.00  HEAD TRAUMA, CONTUSI
```

# VICD Listing of Outpatient Visits with ICD Codes

This report lists all outpatient visits for a specific time at the RPMS facility you are logged in to.

The visits in this report must meet the following criteria:

- Must be for the facility you are logged in to.
- Must not be a Contract or VA type visit.
- Must be one of the following service categories: Ambulatory, Day Surgery, or In-Hospital.
- Must not be a Dental Clinic visit.

The following information will be displayed for each Visit:

- Patient's Name
- HRN
- DOB
- Medicare #
- Visit Date
- Provider Discipline code
- First/Revisit Code
- ICD Codes
- Provider Narrative

The report is presented in alphabetical order by Patient Name.

**Note:** You must print this report on a 132-column-width printer or a printer set up for condensed print.

```
             *****Confidential Patient Data Covered by Privacy Act*****

                        SAN XAVIER HEALTH CENTER                      Page 1
FEB 7, 1990          ALL OUTPATIENT VISITS (excluding dental)
                           for 09/01/88 to 09/30/88

NAME             HRCN      DOB    MEDICARE#  VISIT DATE PROV  F/R  ICD   PROV NARRATIVE

BLACK,ANNE       78556  02/01/26             09/09/88    00    2  V07.9  IMMUNIZATION
                                                          2  250.00 DM TYPE II
                                                          2  401.9  HYPERTENSION
BLACK,BOB        67445  12/01/40             09/09/88    11       V68.1  MED REFILL
                                                             918.1  CORNEAL ABRAS
                                             09/09/88    00    2  250.00 DIABETES
BLACK,CHERYL     78556  08/01/11             09/09/88    08    1  367.0  HYPEROPIA
W/AS
                                                          1  367.4  PRESBYOPIA
                                                          1  379.31 APHAKIA OU
BLACK,JOHN       11908  08/01/70             09/09/88    00    2  V68.1  MED REFILL
BLACK,LARRY      17655  11/01/32             09/09/88    30       V72.6  LAB
BLACK,THERESA    89532  06/01/21             09/09/88    00    2  428.0  F/U POSS CHF
                                                          1  645.9  URI
```

# A Returns to ER within 72 Hours After Clinic Visit

This report produces a list of patient visits resulting in a return to the emergency room within 72 hours of the clinic visit. Select a beginning and ending visit date range, the Clinic in which the patient was initially seen, and the Location of the Visit.

This list of visits can potentially be used for Ambulatory Indicator A-1 of the Maryland Hospital Association Project.

```
                          SELLS HOSPITAL/CLINIC                    Page 1
                      ER VISITS AFTER CLINIC VISITS
                  VISITS DATES:  JAN 01, 1994  TO  DEC 31, 1995

     NAME         HRCN       VISIT DATE&TIME  CLN FAC  ICD    PROVIDER NARRATIVE
-------------------------------------------------------------------------------

THATCHER,BECKY    SE 256413 05/09/94 12:00   30  SE   401.9  HTN
                            05/12/94 12:00   30  SE   250.00 DM II

WATERMAN,ANTHON   SE 103111 09/12/94 10:00   01  SE   250.00 DM
                            09/13/94 17:30   30  SE   250.30 DIABETIC COMA

WATERMAN,RAE      SE 103111 09/11/94 12:00   52  SE   278.0  MORBID OBESITY/NUTR
                            09/13/94 17:30   30  SE   250.30 DIABETIC COMA

ENOS,DON          SE 100041 02/06/95 12:00   14  SE   250.00 DM
                            02/06/95 12:00   30  SE   401.9  HTN

THOMAS,RITA       SE 256413 02/08/95 12:00   14  SE   311.   DEPRESSIVE DISORDER
                            02/08/95 12:00   30  SE   311.   DEPRESSIVE DISORDER

ADAMS,ROSE        SE 3061   11/01/95 09:00   01  SE   250.00 DM
                                                        401.9  HTN
                                                        382.9  OTITIS MEDIA
                            11/01/95 23:00   30  SE   382.9  OM - FOLLOW UP
                                                        487.1  FLU
                                                        514.   PULMONARY CONGESTIO

RUN TIME (H.M.S): 0.0.6
End of report.  HIT RETURN:
```

# ADA Listing of Clinic Visits with ADA Codes

This report lists all visits with associated ADA codes for a specific time period. You will specify the date range and Location of Visit. A report may be generated for selected clinics or all clinics.

The report displays the following information:

- Patient name
- Health Record Number (HRN)
- Age
- Visit Date
- Primary Provider Discipline
- ADA Code
- Provider Narrative

```
          *****Confidential Patient Data Covered by Privacy Act*****


                            SELLS HOSPITAL/CLINIC                        Page 1
 3:21 pm                 CLINIC VISITS FOR DENTAL (56)
FEB 7,1996                  for 01/01/96 to 01/31/96

NAME             HRCN  AGE  VISIT DATE    PRV  ADA    PROV NARRATIVE

ADAMS,CHASE    102121  11 01/21/96 0100  52  0000    DENTAL/ORAL HEALTH VISIT
BETZ,CHRISTOP  102342  24 01/08/96 0414  52  0120    DENTAL EXAMINATION
                          01/30/96 1000  52  0120    DENTAL/ORAL HEALTH VISIT
DILBERT,DEE    100572  33 01/04/96 1100  52  0000    OTHER DENTAL
GOMEZ,FELIX    103126  61 01/06/96 1200  52  0130    DENTAL EXAMINATION
JACKS,GREG     101738  11 01/21/96 0400  52  0120    DENTAL/ORAL HEALTH VISIT
                          01/25/96 0000  52  0000    OTHER DENTAL
LOPEZ,IRMA     102600  56 01/16/96 0200  52  0130    DENTAL EXAMINATION
PRATZ,JENNIFE  100044  65 01/13/96 0130  52  0000    DENTAL CARIES

                              TOTAL PATIENTS FOR CLINIC:  7

                                TOTAL VISITS FOR CLINIC:  9

RUN TIME (H.M.S): 0.0.1
End of report.  HIT RETURN:
```

# CZIP Clinic Visit Counts by Clinic Type by Zip Code

This report generates a count of visits by Clinic Type and by Zip Code for a date range that you specify. The report provides subtotals by Location of Encounter.

All visits in the database will be included in the tabulation with the EXCEPTION of the following:

Visit Types:
- Contract
- VA

Visit Service Categories:
- Chart Review
- In-Hospital
- Hospitalizations
- Historical Events
- Telephone Calls

**Note:** Visits must have a Primary Provider and Purpose of Visit in order to appear in this report.

---

```
APR 04, 1996                                                        Page 1

                NUMBER OF AMBULATORY VISITS BY CLINIC TYPE
                          LOCATION OF VISITS:  ALL
                VISIT DATES:  JAN 01, 1995  TO  JAN 04, 1995

LOCATION OF VISIT
     TYPE OF CLINIC (CODE)         ZIP CODE                 # VISITS
-------------------------------------------------------------------------

SELLS HOSPITAL/CLINIC

     ALCOHOLISM PROGRAM  (43)
                                   88776                        3

                                        Clinic Total:           3
     CHRONIC DISEASE  (50)
                                   88776                        1

                                        Clinic Total:           1
     DENTAL  (56)
                                   88776                        4

                                        Clinic Total:           4
                                                              ------
                                        Location Subtotal:      8
```

---

# CVC Clinic Visit Counts within a Date Range

This report counts clinic visits within a specified date range. You may run the report for a specific clinic or for all clinics.

The following sample report lists visits to the General Clinic for January 1, 1994 to February 28, 1994.

```
LAB                          SELLS HOSPITAL/CLINIC                  Page 1
 4:54 pm                VISIT COUNTS FOR GENERAL (01) CLINIC
JUL 28,1994                   for 01/01/94 to 02/28/94

                      VISIT DATES          NUMBER OF VISITS
                       01/11/94                    12
                       01/13/94                    10
                       01/15/94                    18
                       01/17/94                     9
                       01/20/94                     8
                       01/22/94                    14
                       01/25/94                    10
                       01/29/94                     6
                       02/04/94                     9
                       02/08/94                    20
                       02/11/94                    13
                       02/12/94                    11
                       02/15/94                    10
                       02/27/94                    10

                       TOTAL VISITS FOR CLINIC    160
```

# NVST Patients with AT LEAST N Visits

This report produces a list of patients who had at least N clinic visits within a specified time frame. The patient's name, chart number, sex, date of birth, location, provider, diagnosis codes, and number of visits display in the report.

You will first enter a beginning and ending date for the report time frame and then specify the minimum number of visits in order for a patient to be included in the report.

Next you have the option of selecting the specific patients who will be included in the report. You will be able to browse the following list on the screen and then enter the screening criteria. You can select patients based on any combination of the following data items:

**Selection Criteria**

1) Name
2) Sex
3) Date of Birth
4) Age
5) Date of Death
6) Living Pts
7) Chart Facility
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Medicare
13) Medicaid
14) Private Insurance
15) Medicaid Plan Name
16) Pvt Ins Plan Name
17) Priv Ins Verified
18) Desig Prim Care Prov
19) EDC
20) Date EDC Determined
21) Contraception Method
22) EDC Determination
23) Last Menstrual Period
24) Time of Visit
25) Type (IHS,638,etc.)
26) Service Category
27) Visit Location
28) Service Unit of Patient
29) Outside Location
30) Clinic Type
31) Admitting Service
32) Discharge Service
33) Appt/Walk-In
34) Level of Service
35) Eval&Management CPT
36) Length of Stay
37) Primary Prov Name
38) Prim/Sec Prov Name
39) Prim Prov Discipline
40) Prim/Sec Prov Disc
41) Prim Prov Affil
42) Prim/Sec Prov Affil
43) Diagnosis Code
44) Primary Dx (POV)
45) Stage of Dx (POV)
46) Problem List Dx
47) Alcohol/Work Related
48) Cause of Dx (POV)
49) Cause of Injury
50) Place of Injury
51) Operation Code
52) Dental ADA Codes
53) Immunizations
54) Treatments Provided
55) Lab Tests
56) Medications
57) CPT Code
58) Exclude Inactive Pts
59) Inactive Patients
60) Excl Incomplete Visits
61) Operating Provider

To select patients, enter "S" at the action prompt. At the next prompt, enter the numbers that correspond to your selection criteria. You many enter a list or range of numbers; for example, 1,3,4-10,23. You will then be prompted for the specific categories of interest within the selection criteria you specified; for instance, if you selected to screen patients by age, you would be prompted to enter an age range. After entering these specifications, you will be returned to the selection list where you can modify your choices, if needed. The selections you have already entered will be marked by an asterisk (*). When you have finished selecting items, type "Q" at the prompt to continue. Note that if you want to include all patients in the report, type "Q" at the action prompt to bypass the selection screen.

You will then be presented with a sort item selection menu. Select one item from the following list to indicate how you would like the report output sorted. If you do not select a sort item, the report will be sorted by patient name. You will select the sort item by following the same process for selecting the search criteria.

**Sort Criteria**

| | | |
|---|---|---|
| 1) Name | 9) Community | 17) Desig Prim Care Prov |
| 2) Chart # | 10) Tribe | 18) EDC |
| 3) Terminal Digit # | 11) Eligibility Status | 19) Date EDC Determined |
| 4) Sex | 12) Beneficiary Class | 21) Contraception Method |
| 5) Date of Birth | 13) Cause of Death | 21) EDC Determination |
| 6) Age | 14) Third Party Eligibil | 22) Last Menstrual Period |
| 7) Date of Death | 15) Medicaid Plan Name | 23) Service Unit of Patient |
| 8) Employer of Patient | 16) Pvt Ins Plan Name | |

The following sample report lists patients who have had at least 10 visits between January 1, 1993 and August 5, 1996. All patients were included in the search and report is sorted by patient name.

```
                                                                  Page 1
                          SELLS HOSPITAL/CLINIC
                      PATIENTS SEEN AT LEAST 10 TIMES
                 VISIT DATES:  JAN 01, 1993  TO  AUG 05, 1996

                                          LOCATION    PROVIDER    DX        #
PATIENT NAME     CHART #  SEX  DOB       SEEN        SEEN        CODES   VISITS
-------------------------------------------------------------------------------
CARPENTER,HANNA   100150   F   01/03/23  HOME        COMMUNITY   323.9     11
                                         SELLS HOSP  CURTIS,CLA  919.8
                                                     DOCTOR,JOS  962.2
                                                     DOUGLAS,BI  278.00
                                                     MALDONADO,  300.00
                                                     MARTIN,GRE  311.
                                                                 820.00
                                                                 V65.9

MENOS,DON         100041   M   03/05/41  SELLS HOSP  DOUGLAS,BI  280.9     13
                                                     GRAU,DAVID  311.
                                                     MARTIN,GRE  V26.4
                                                     SHORR,GREG  V62.82
                                                                 V65.40

SMITH,FAY         100065   F   04/15/35  HOME        BUTCHER,LO  .9999     11
                                         SAN XAVIER  DOUGLAS,BI  298.9
                                         SELLS HOSP  JONES,BOB   818.1
                                                     SHORR,GREG  995.5
                                                                 995.81

RUN TIME (H.M.S): 0.0.7
End of report.  HIT RETURN:
```

# INJ Listing of Visits with Injury Diagnosis

This report lists visits containing an injury diagnosis (ICD codes 800-999). You can select which visits to print based on any of the following criteria:

- Visit Date
- Clinic of Visit
- Service Category of Visit
- Type of Visit
- Location of Encounter
- Age range

The report includes a cover page that identifies the visit criteria selected.

```
                              SELLS HOSPITAL/CLINIC

The following Injury Report is based on the following criteria:

1.  Visits from JAN 1, 1994 through DEC 31, 1994

2.  All Locations of Encounter.

3.  All Visit Types.

4.  All Visit Service Categories.

5.  All Clinics.

6. The following Ages: 10 - 65

7.  All visits with an ICD9 Diagnosis between 800 and 999 (injury codes).

End of cover page - Hit return:


LAB                            SELLS HOSPITAL/CLINIC                        Page 1
                            Visits with Injury Diagnosis
                  Visit Dates:  JAN 01, 1994 to DEC 31, 1994

DFN                      HRCN    AGE      VISIT DATE    PRV   TYPE      SER CAT
-------------------------------------------------------------------------------

BROWN,BEN                102542    63    07/28/94 1000   71    IHS     AMBULATORY
ICD9:  806.08      Provider Narrative:  BROKEN LEG
Cause of Injury:   E928.9  -  ACCIDENT NOS
Date of Injury:   07/28/94              Place of Accident:  UNKNOWN

SMITH,DALE               101579    12    09/30/94 1100   71    IHS     AMBULATORY
ICD9:  806.08      Provider Narrative:  BROKEN ARM...
ICD9:  806.00      Provider Narrative:  FALL
Cause of Injury:   E928.9  -  ACCIDENT NOS
Date of Injury:   09/30/94              Place of Accident:  HOME-INSIDE
```

# INJS Injury Visit E-Code Summary Report

The Injury Visit E-code Summary report counts visits that have an injury diagnosis (ICD codes 800-999). You can select which visits to count based on any of the following criteria:

- Visit Date
- Clinic
- Service Category
- Type of Visit
- Location of Encounter
- Age Range

You will be prompted to enter a beginning and ending visit date range for this report. Then you will have the option of screening visits by the additional criteria listed above. If you do not want to screen visits, press RETURN at each of the corresponding prompts to include all visits. If you are screening visits, you will enter NO at the corresponding prompt and then enter the specific variables; for instance, if you are screening visits by clinic, you would enter the specific clinics of interest, such as Internal Medicine and Diabetic. These visit specifications that you select can be saved for future use by assigning a name to each group.

The visit counts in this report are summarized by the following 18 E-Code categories. You can also use these predefined injury code taxonomies with the VGEN report option and print the cause of injury code, place of injury code, and whether the injury was work- or alcohol-related.

| Category | E-Code Range | Taxonomy Name |
|---|---|---|
| Motor Vehicles | E800.0-E825.9, E929.0, E988.5 | APCL INJ MOTOR |
| Boat/Water | E831.0-E831.9, E833.0-E838.9 | APCL INJ WATER TRANSPORT |
| Air Transport | E840.0-E845.9, E988.5 | APCL INJ AIR TRANSPORT |
| Accidental Poison | E850.0-E869.9, E929.4 | APCL INJ POISONING |
| Environmental Factors | E900.00-E904.9, E907.0-E909.9, E929.5, E988.3 | APCL INJ FALLS |
| Stings/Venoms | E905.0-E905.9, E906.2, E906.4, E906.8, E906.9 | APCL INJ FIRE |
| Falls | E880.0-E888.0, E929.4, E987.0-E987.9 | APCL INJ ENVIRONMENTAL FACTORS |
| Fire/Flame | E890.0-E899.0, E929.4, E988.1-E988.2 | APCL INJ STINGS VENOMS |
| Animal Bites | E906.0-E906.1, E906.3, E906.5 | APCL INJ ANIMAL RELATED |
| Drowning/ Submerging | E830.0-E830.9, E832.0-E832.9, E910.4-E910.9 | APCL INJ DROWNING |
| Cutting/Piercing | E920.3-E920.9 | APCL INJ CUT |
| Firearms | E922.0-E922.9, E970.0, E985.0-E985.4 | APCL INJ FIREARMS |
| Sports Injury | E917.0 | APCL INJ SPORTS |
| Suicide | E950.0-E958.9, E983.0 | APCL INJ SUICIDE |
| Assault | E960.0-E966.0, E968.0-E968.9 | APCL INJ ASSAULTS |
| Child Abuse | E967.0-E967.9 | APCL INJ BATTERED CHILD |
| Undetermined | E988.8-E988.9 | APCL INJ UNDETERMINED |
| Other | all others in range 800-999 not listed above | APCL INJ OTHER CAUSES |

As shown in the sample report below, a cover page that details the visit selection criteria prints with each report.

```
SELLS HOSPITAL/CLINIC

The Surveillance Injury Report is based on the following criteria:

1.  Visits from JAN 01, 1996 through FEB 28, 1996
2.  The following  Locations of Encounter:
          SELLS HOSPITAL/CLINIC
3.  All Visit Types.
4.  All Visit Service Categories.
5.  The following  Clinics:
          EMERGENCY MEDICINE
6.  The following  Ages: 18-35
7.  All visits with an ICD9 Diagnosis between 800 and 999 (injury codes).
```

```
                              SELLS HOSPITAL/CLINIC
Page 1
                        INJURY SURVEILLANCE SUMMARY REPORT
                                  (E-CODES)
                          Visits with Injury Diagnosis
                                  Visit Dates:
                          JAN 01, 1996 to FEB 28, 1996

     E-CODE CATEGORY SUMMARY          COUNT     % TOTAL
-------------------------------------------------------------------------------

     MOTOR VEHICLE                     23        26
     WATER TRANSPORT                    1         1
     AIR TRANSPORT                      1         1
     ACCIDENTAL POISONING               0         0
     ACCIDENTAL FALLS                  27        30
     FIRES/FLAMES                       0         0
     ENVIRONMENTAL FACTORS              5         6
     STINGS/VENOMS                      1         1
     ANIMAL RELATED                     2         2
     DROWN/SUBMERGE                     0         0
     CUT PIERCING OBJ                   4         4
     FIREARMS                           0         0
     SPORTS INJURY                      3         3
     SUICIDE ATTEMPTS                   2         2
     ASSAULTS                           7         8
     BATTERED CHILD                     1         1
     UNDETERMINED                       0         0
     OTHER CAUSES                      12        13

GRAND TOTAL = 89
```

# PVC Provider Visit Counts

This report provides the total number of visits for each provider or provider discipline selected for a specified date range. You must enter a visit date range and a single provider, a single provider discipline, or all providers.

The report prints one page for each provider or provider discipline selected. Each Visit Date and Clinic is displayed and totals by provider are included.

The following visits are included in the report:

- Visits at the facility you are logged in to.
- All Service Categories EXCEPT:
  - Hospitalizations
  - In-Hospital, Events
  - Observation
- All Visit Types EXCEPT:
  - CHS
  - VA

```
                          SAN XAVIER HEALTH CENTER                    Page 1
 6:14 pm                VISIT COUNTS FOR FOLSON,MALINDA
FEB 6,1995                  (LICENSED PRACTICAL NURSE)
                            for 09/01/94 to 09/30/94

VISIT DATES    CLINIC                                      NUMBER OF VISITS
-----------    ------                                       ---------------
09/09/88       EMERGENCY MEDICINE (30)                          2
               PODIATRY (65)                                    1

                     TOTAL VISITS FOR PROVIDER:                 3


                           SAN XAVIER HEALTH CENTER              Page 2
 6:14 pm                  VISIT COUNTS FOR JOSE,MARY
FEB 6,1995                  (LICENSED PRACTICAL NURSE)
                            for 09/01/94 to 09/30/94

VISIT DATES    CLINIC                                      NUMBER OF VISITS
-----------    ------                                       ---------------
09/09/94       DIABETIC (06)                                    2
               GENERAL (01)                                     3
               PODIATRY (65)                                    1

                     TOTAL VISITS FOR PROVIDER:                 6
```

**Estimated Run Time:** Run time for this report is a function of the date range specified. The report processing time may be short for a small date range or longer for a larger date range. You may want to queue this report to print after hours. Please contact your local Site Manager if you have questions regarding queuing this report.

# PVCT Provider or Clinic Visit Counts by Template of Patients

This report tallies the number of visits of a predefined set of patients by Provider or by Clinic. Prior to using this option, you must have already created a search template for a specified group of patients.

The following sample report was created using a template for patients over age 60. The sample shows all visits for this group by provider.

```
**************************************************************************
*  SELLS HOSPITAL/CLINIC                              APR 12, 1996  Page 1  *
*                                                                          *
*                                                                          *
*                          NUMBER OF VISITS BY PROVIDER                    *
*                                                                          *
*                        SEARCH TEMPLATE: PTS OVER 60                      *
**************************************************************************

     PROVIDER                      CLASS                      # VISITS

ACOSTA,CHARLENE               LICENSED PRACTICAL N            26
AUDIOLOGIST,CONTRACT          AUDIOLOGIST                     15
BLACKOWL,IRENE                CHN/AIDES                      266
BUZEK,M T                     PODIATRIST                     144
CAYCE,WALTER                  PHYSICIAN                       85
CURTIS,CLAYTON                INTERNAL MEDICINE               47
DODGE,FRANK                   PHARMACIST                    1349
DOUGLAS,BILL                  MENTAL HEALTH                   38
ENOS,SUSIE                    REGISTERED NURSE               658
FOLSON,MALINDA                LICENSED PRACTICAL N           139
GONZALES,EVELYN               NURSE PRACTICIONER             220
LIVINGSTON,ROBERT             PHYSICIAN                      507
LOGAN,DAVID                   PHYSICIAN                      721
MEDICAL STUDENT               MEDICAL STUDENT                 58
MIKE,LUCY                     NURSE MIDWIFE                  247
NURSE ASSISTANT,IHS           PHYSICIAN                      902
NUTRITION WORKER,TRIBAL       NUTRITIONIST                   613
NYE,PATRICIA                  PSYCHIATRIST                    25
ORTEGA,ADRIAN                 LICENSED PRACTICAL N            54
PABLO,CLIFFORD                REGISTERED NURSE               235
SHORR,GREG                    PHYSICIAN                       26
SILAS,ANDREA                  CHN/AIDES                       72
TOM,EVELYN                    PHYSICIAN ASSISTANT            436
WILLIAMS,ANGELITA             PHYSICIAN ASSISTANT            399
WOODFORD,MICHAEL              PHARMACIST                    1523
                                                            -------
                                                 Total:     8805

RUN TIME (H.M.S): 0.3.44
End of report.  HIT RETURN:
```

# VGEN Visit General Retrieval

The Visit General Retrieval produces a list or tally of visits within a specified date range based on various criteria you select. This extremely flexible report option enables you to select which visits to include in the report, which data items to print, and how the data is sorted. Depending on the choices you make, you can generate a very specific report or a very general report. The logic used to produce the report may be saved for future use. You may also limit your search to predefined templates of patients that have been created with Q-Man, Case Management, or other RPMS tools.

If you design a report that is 80 characters or fewer in width, it can be displayed on your screen or printed. If your report is 81-132 characters wide, it must be printed and can only be printed on a printer capable of producing 132 character lines. Each report includes a cover page that details the user-defined criteria.

To begin generating a report using the Visit General Retrieval option, you will need to indicate whether you want to search the entire database or limit your search to a predefined search template. You may use a search template of patients or visits. If your template was created in Case Management or Q-Man using Patients as the search subject, this is a search template of patients. If your template was created in Q-Man using Visits as the search subject, this is a search template of visits. Select one of the following search options:

P Search Template of Patients
V Search Template of Visits
S Search All Visits

Next you will be prompted to enter a beginning and ending date to specify the visit date range of interest. Note that if you are using a search template, be sure that the date range you enter is a subset of, or corresponds with, the template date range.

If you are searching all visits, you can choose to use a previously defined report by entering “Yes” and then the report name at the appropriate prompts. The report will then generate automatically. No further actions are necessary.

**Selecting Search Criteria**

If you are creating a new report, you will be presented with a list of visit selection criteria that allows you to select which particular visits to include in your report. The following action items are available for browsing this list and making your selections:

| | |
|---|---|
| + Next Screen | Q Quit Item Selection |
| – Previous Screen | R Remove Items |
| S Select Items | E Exit Report |

Enter + and – at the Select Action prompt to review the selection items in the list. When you are ready to select items, press return at the prompt to accept Select Items as the default value or enter “S.” You can select visits based on any combination of the data items in the list. Enter a list or a range of numbers at the next prompt; for example, 1-4,5,20 or 10,12,20,30. Then you will be prompted to define values for the items you chose, as applicable. For instance, if you selected age, you would be prompted to enter an age range.

**Visit Selection Menu**

1) Name
2) Sex
3) Date of Birth
4) Age
5) Date of Death
6) Living Pts
7) Chart Facility
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Medicare
13) Medicaid
14) Private Insurance
15) Medicaid Plan Name
16) Pvt Ins Plan Name
17) Priv Ins Verified
18) Desig Prim Care Prov
19) EDC
20) Date EDC Determined
21) Contraception Method
22) EDC Determination
23) Last Menstrual Period
24) Time of Visit
25) Type (IHS,638,etc.)
26) Service Category
27) Visit Location
28) Service Unit of Patient
29) Outside Location
30) Clinic Type
31) Admitting Service
32) Discharge Service
33) Appt/Walk-In
34) Level of Service
35) Eval&Management CPT
36) Length of Stay
37) Primary Prov Name
38) Prim/Sec Prov Name
39) Prim Prov Disc
40) Prim/Sec Prov Disc
41) Prim Prov Affil
42) Prim/Sec Prov Affil
43) Diagnosis Code
44) Primary Dx (POV)
45) Stage of Dx (POV)
46) Problem List Dx
47) Alcohol/Work Related
48) Cause of Dx (POV)
49) Cause of Injury
50) Place of Injury
51) Operation Code
52) Dental ADA Codes
53) Immunizations
54) Treatments Provided
55) Lab Tests
56) Medications
57) CPT Code
58) Exclude Inactive Pts
59) Inactive Patients
60) Excl Incomplete Visits
61) Operating Prov

After you have selected and defined the visit selection items, you will be returned to the item list. The items that you selected will be marked with an asterisk (*). You may add or remove items at this point, if needed, by entering “S” (select) or “R” (remove). If you are finished making your selections, press “Q” to leave this screen and continue creating your report.

**Selecting the Report Type**

When using the VGEN option, you will need to select the type of report to be generated. You will be presented with the following choices:

T Total Count Only
S Sub-counts and Total Count
C Cohort/Template Save
D Detailed Visit Listing
F Flat file of Area Database formatted records

The total count report prints only the total number of visits that match the selection criteria you chose as well as the total number of patients in that group. If you select this report type, no further actions are necessary beyond this step to generate the report.

The sub-counts and total count report lists the total number of matches as well as the subtotal of each different category of the sort variable selected; for example, if you sorted the report by sex, the number of visits for males and the number of visits for females in the group would be printed. Totals and sub-totals are included for both visits and patients. Skip to “Selecting a Sort Variable” for the next step for generating this report type.

The cohort/template save option saves in a template the patients that match your selection criteria. Only the total number of matching visits and the number of patients in that group are displayed. You can then use the template for generating custom reports with VGEN.

The detailed visit listing allows you to create a report that prints only the data items that you need sorted by the variable you select. If you have selected the detailed visit listing, read the sections below for instructions on selecting the print items and sort category. You may save this report logic for use later by responding "Y" and entering a report name at the appropriate prompts. These prompts appear after the selection of the sort variable.

The final output option, flat file of Area Database formatted records, allows you to capture the selected visit data in a file that is formatted for export to the Area Database. If you select this option, a message will display to the screen indicating the name for the file that will be created. The total number of visits in the selection process and the total number of visits that generated Area Database records will display. A detailed description of the file format is included in the Appendix (page 177). See your Site Manager if you need assistance with using this output type.

**Selecting Print Items**

If you have selected the detailed visit listing report type, you will be presented with the following menu of data items that can be printed. Remember that you can print up to 132 characters if you have a printer capable of printing 132 character lines. Otherwise, your report may not exceed 80 characters. Choose the data items in the order that you would like them printed. For instructions on browsing and selecting items, refer to the previous section "Selecting Search Criteria."

**Print Item Menu**

1) Name
2) Chart #
3) Terminal Digit #
4) SSN
5) Sex
6) Date of Birth
7) Age
8) Date of Death
9) Community
10) Tribe
11) Eligibility Status
12) Beneficiary Class
13) Medicare
14) Medicaid
15) Private Insurance
16) Third Party Eligibility
17) Medicaid Plan Name
18) Pvt Ins Plan Name
19) Priv Ins Verified
20) Desig Prim Care Prov
21) EDC
22) Date EDC Determined
23) Contraception Method
24) EDC Determination
25) Last Menstrual Period
26) Visit Date
27) Visit Date&Time
28) Time of Visit
29) Type (IHS,638,etc.)
30) Service Category
31) Visit Location
32) Service Unit of Patient
33) Outside Location
34) Clinic Type
35) Admitting Service
36) Discharge Service
37) Date of Discharge
38) Appt/Walk-In
39) Level of Service
40) Eval&Management CPT
41) Length of Stay
42) Amount Billed
43) Primary Prov Name
44) Prim/Sec Prov Name
45) Prim Prov Disc
46) Prim/Sec Prov Disc
47) Prim Prov Affil
48) Prim/Sec Prov Affil
49) Diagnosis Code
50) Primary Dx (POV)
51) Diagnosis Prov Narr
52) Diagnosis ICD Narr
53) Stage of Dx (POV)
54) Alcohol/Work Related
55) Cause of Dx (POV)
56) Cause of Injury
57) Place of Injury
58) Operation Code
59) Operation Prov Narr
60) Operation ICD Narr
61) Measurements
62) Medications
63) Dental ADA Codes
64) Labs and Results
65) Immunizations/Series
66) Skin Tests/Readings
67) Treatments Provided
68) Activity/Travel Time
69) Education Topics
70) Health Factors
71) CPT Code
72) Date Visit Exported
73) Operating Prov

**Selecting a Sort Category**

If you are creating a detailed report listing or a sub-counts and total count report, you will be presented with the following menu to select a sort variable. If you do not choose a variable, the report will be sorted by Visit Date. To select a sort variable, follow the procedures outlined in the "Selecting Search Criteria" section. After you have selected a sort category, you have the option of printing each unique value of the sort criteria on a separate page.

**Sort Criteria Menu**

1) Name
2) Chart #
3) Terminal Digit #
4) Sex
5) Date of Birth
6) Age
7) Date of Death
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Third Party Eligibility
13) Medicaid Plan Name
14) Pvt Ins Plan Name
15) Desig Prim Care Prov
16) EDC
17) Date EDC Determined
18) Contraception Method
19) EDC Determination
20) Last Menstrual Period
21) Visit Date
22) Visit Date&Time
23) Time of Visit
24) Type (IHS,638,etc.)
25) Service Category
26) Visit Location
27) Service Unit of Patient
28) Outside Location
29) Clinic Type
30) Admitting Service
31) Discharge Service
32) Date of Discharge
33) Appt/Walk-In
34) Level of Service
35) Eval&Management CPT
36) Length of Stay
37) Primary Prov Name
38) Prim Prov Disc
39) Prim Prov Affil
40) Primary Dx (POV)
41) Operating Prov

**Viewing the Report**

For lengthy report outputs you will have the option of producing a printed report or displaying the report on the screen for browsing. If you choose to browse the output on the screen, remember that your report must be 80 characters or fewer in width. Use the following keys for browsing the on-screen output:

| | |
|---|---|
| + | next screen |
| - | previous screen |
| Q | quit |
| ?? | more actions |

If you choose to generate a printed report, your report may include up to 132 characters in width. Note that any reports greater than 80 characters wide must be printed on a printer capable of producing 132 character lines or a printer set up for condensed print.

The following sample PCC Visit report is based on the criteria below:

**Visit Selection Criteria**

Encounter Date Range: SEP 01, 1994 to SEP 15, 1994
Visit Service Category: CHART REVIEW
Primary Provider: CURTIS,CLAYTON

**Print Field Selection**

Patient Chart # (2)
Visit Date (22)
Service Category (26)
Primary Provider (38)
Diagnosis Code (44)
Diagnosis Provider Narrative (45)

**Visits will be Sorted by:** Visit Date

```
                        Visit Dates:  SEP 01, 1994 and SEP 15, 1994

HRN       DATE      SERV CAT   PROVIDER        PRIM DX   DX PROVIDER NARRATIVE
-------------------------------------------------------------------------------

SE103111  09/09/94  CHART REVI CURTIS,CLAYTON   278.0     MORBID OBESITY
SE100480  09/10/94  CHART REVI CURTIS,CLAYTON   250.00    DM
SE103052  09/11/94  CHART REVI CURTIS,CLAYTON   401.9     HTN

Total Visits:  3
Total Patients:  3

RUN TIME (H.M.S): 0.0.3
End of report.  HIT RETURN:
```

# DEL Delete VGEN/PGEN Report Definition

This option enables the user to delete a PCC Visit General Retrieval (VGEN) or Patient General Retrieval (PGEN) report definition. You will enter the name of the report you want to delete and then confirm that the report you specified is the one you want deleted. The report will be automatically deleted and is not retrievable.

A sample of the process is shown below.

```
REPORT NAME:  MLJ INJURY REPORT  JARRET,MARY L-APR 11, 1996@07:50:02
Are you sure you want to delete the MLJ-INJURY REPORT report definition? N// Y YES
Report Definition JARRET,MARY L-APR 11, 1996@07:50:02 deleted.
```

# RADM Readmissions within 30 Days of a Discharge

This report displays a list of patients who have had a new hospital admission within 30 days of a previous discharge. You will enter a beginning and ending date for the reporting period and specify whether the report is for one facility that you name or any facility. If you choose the report to include any facility, a patient who was discharged from the local facility and then admitted to a contract facility within 30 days would appear in the report. However, if you specified the report to include only the local facility, this patient would not appear in the report.

SELLS HOSPITAL/CLINIC Page 1
READMISSIONS WITHIN 30 DAYS OF A DISCHARGE
VISIT DATES: Jul 01, 1996 TO Aug 02, 1996

| NAME | HRCN | ADM DATE | LOC | PROV | ICD | PROVIDER NARRATIVE |
|---|---|---|---|---|---|---|
| JONES,RAY | 100228 | 7/3/96 | SE | WALTERS,JO | 681.10 | CELLULITIS & ULCER |
| | | 7/17/96 | SE | MARTIN,DON | V58.8 | WOUND CARE DRESSING |
| | | | | | 730.27 | OSTEOMYELITIS R GRE |
| RUBBLE,MARIE | 100538 | 7/17/96 | SE | KINO,JAVIE | 644.20 | PREMATURE LABOR AT |
| | | 7/21/96 | SE | WATERMAN,R | 642.94 | STATUS POST C SECTI |
| THATCHER,DALE | 100877 | 7/14/96 | SE | LORENZ,RUD | 644.20 | PREMATURE LABOR AT |
| | | | | | 648.23 | ANEMIA MODERATE |
| | | 7/21/96 | PI | ALFREDO,L | 648.21 | ANEMIA,ESTIMATED BL |
| | | | | | 663.31 | NORMAL SPONTANEOUS |
| CARPENTER,DAVE | 101111 | 7/18/96 | SE | BURGMAN,SU | 291.8 | ALCOHOL WITHDRAWAL |
| | | | | | 303.90 | CHRONIC ALCOHOL ABU |
| | | | | | 493.90 | REACTIVE AIRWAY DIS |
| | | 7/21/96 | GH | FILIPI,JU | 291.8 | ALCOHOL WITHDRAWAL |
| | | | | | 303.90 | ACUTE ALCOHOLISM |
| | | | | | 493.90 | REACTIVE AIRWAYS DI |
| | | | | | 578.9 | GASTROINTESTINAL BL |
| GREENJEANS,ALEXANDRA | 100146 | 7/30/96 | SE | BRADY,EILE | 496. | EXACERBATION CHRONI |
| | | 8/3/96 | SE | MOORE,RICH | 493.90 | ASTHMA |
| | | | | | 496. | CHRONIC OBSTRUCTIVE |
| ADAMS,WALLY | 100391 | 8/2/96 | SE | MARTINEZ,L | 250.40 | DIABETES MELLITUS |
| | | | | | 585. | END STAGE RENAL DIS |
| | | | | | 691.8 | ATOPIC DERMATITIS S |
| | | 8/7/96 | LA | GRIFFITH,S | V58.4 | WOUND INFECTION |
| | | | | | 250.40 | DIABETES MELLITUS |
| | | | | | 585. | END STAGE RENAL DIS |

# VST Display Single Visit for a Patient

Report options for obtaining data specific to a single visit by a selected patient have been grouped under the VST sub-menu. The following reports are available from the Patient Single Visit menu.

```
                    **********************************
                    **     PCC Management Reports    **
                    **   Patient Single Visit Menu   **
                    **********************************
                              Version 3.0

                             SELLS HOSPITAL/CLINIC


  DISP   Display Data for a Specific Patient Visit
  LCV    Display Data for Patient's Last Visit to a Clinic
  LVST   Display Data for a Patient's Last Visit
```

# DISP Display Data for a Specific Patient Visit

This option displays all visit-related data for a specific patient's visit. You will enter the Patient's Name and the Visit Date. If more than one visit exists on the same day, you will be asked to choose the visit you want displayed.

The Visit File displays first, followed by all visit-related data files corresponding to the visit selected; for example, Providers, POVs, and Measurements.

```
----------------------------     VISIT FILE     -------------------------
VISIT/ADMIT DATE&TIME: MAR 30, 1994@13:23
  DATE VISIT CREATED: MAR 30, 1994      TYPE: IHS
  PATIENT NAME: JOHNSON,MARY
  LOC. OF ENCOUNTER: SAN XAVIER HEALTH CENTER
  SERVICE CATEGORY: AMBULATORY          CLINIC: DIABETIC
  DEPENDENT ENTRY COUNT: 7              DATE LAST MODIFIED: JUN 15, 1994
  DATE VISIT EXPORTED: JUN 26, 1994

----------------------------    V MEASUREMENT   -------------------------
TYPE: BP                                PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23             VALUE: 140/90

----------------------------     V PROVIDER     -------------------------
PROVIDER: SHORR,GREG                    PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23             PRIMARY/SECONDARY: PRIMARY
AFF.DISC.CODE (c): 100025
PROVIDER: MARTIN,GRETCHEN               PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23             PRIMARY/SECONDARY: SECONDARY
AFF.DISC.CODE (c): 101GM
----------------------------        V POV       -------------------------
POV: 401.9                              PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23
  PROVIDER NARRATIVE: HYPERTENSION BP UNDER CONTROL THIS VISIT
ICD NARRATIVE (c): HYPERTENSION NOS
POV: 250.00                             PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23             PROVIDER NARRATIVE: DM
ICD NARRATIVE (c): DIABETES UNCOMPL ADULT/NIDDM
----------------------------       V EXAM       -------------------------
EXAM: BREAST EXAM                       PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23
EXAM CODE (c): 06
EXAM: RECTAL EXAM
  VISIT: MAR 30, 1994@13:23
EXAM CODE (c): 14
```

# LCV Display Data for Patient's Last Visit to a Clinic

The LCV report option is nearly identical to the LVST report option described on the following page. The only difference between the reports is that the LCV report displays visit-related data for a patient's last visit to a selected **clinic**. You will enter the Patient's Name and specify the Clinic. All visit-related data will be printed in the report.

The sample report below was generated for Art Greenjeans' last visit to the General Clinic.

```
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

VISIT IEN:  23251
----------------------------     VISIT FILE     ----------------------------
VISIT/ADMIT DATE&TIME: JAN 29, 1990@09:57
  DATE VISIT CREATED: MAR 16, 1990      TYPE: IHS
  PATIENT NAME: GREENJEANS,ART          LOC. OF ENCOUNTER: SELLS
HOSPITAL/CLINIC
  SERVICE CATEGORY: AMBULATORY          CLINIC: GENERAL
  DEPENDENT ENTRY COUNT: 6

----------------------------    V MEASUREMENT   ----------------------------
TYPE: HT                                PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             VALUE: 56.25
  PERCENTILE: 99.9

TYPE: WT                                PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             VALUE: 92.25
  PERCENTILE: 99.9

TYPE: VU                                PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             VALUE: 15/20

----------------------------     V PROVIDER     ----------------------------
PROVIDER: REGISTERED NURSE,IHS          PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             PRIMARY/SECONDARY: SECONDARY
AFF.DISC.CODE (c): 101999
PROVIDER: PHYSICIAN,VOLUNTEER           PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             PRIMARY/SECONDARY: PRIMARY
AFF.DISC.CODE (c): 600999
----------------------------        V POV       ----------------------------
POV: V70.9                              PATIENT NAME: GREENJEANS,ART
  VISIT: JAN 29, 1990@09:57             PROVIDER NARRATIVE: PHYSICAL EXAM
  FIRST/REVISIT: REVISIT                PRIMARY/SECONDARY: PRIMARY
ICD NARRATIVE (c): GENERAL MEDICAL EXAM NOS

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

# LVST Display Data for a Patient's Last Visit

This option allows you to view all visit-related data for the patient's last visit. The Visit File displays first followed by each visit-related data file; for example, Providers, POVs, and Measurements.

```
----------------------------     VISIT FILE     -------------------------
VISIT/ADMIT DATE&TIME: MAR 30, 1994@13:23
  DATE VISIT CREATED: MAR 30, 1994      TYPE: IHS
  PATIENT NAME: JOHNSON,MARY
  LOC. OF ENCOUNTER: SAN XAVIER HEALTH CENTER
  SERVICE CATEGORY: AMBULATORY          CLINIC: DIABETIC
  DEPENDENT ENTRY COUNT: 7              DATE LAST MODIFIED: JUN 15, 1994
  DATE VISIT EXPORTED: JUN 26, 1994

----------------------------    V MEASUREMENT   -------------------------
TYPE: BP                              PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23           VALUE: 140/90

----------------------------     V PROVIDER     -------------------------
PROVIDER: SHORR,GREG                  PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23           PRIMARY/SECONDARY: PRIMARY
AFF.DISC.CODE (c): 100025
PROVIDER: MARTIN,GRETCHEN             PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23           PRIMARY/SECONDARY: SECONDARY
AFF.DISC.CODE (c): 101GM
----------------------------        V POV       -------------------------
POV: 401.9                            PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23
  PROVIDER NARRATIVE: HYPERTENSION BP UNDER CONTROL THIS VISIT
ICD NARRATIVE (c): HYPERTENSION NOS
POV: 250.00                           PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23           PROVIDER NARRATIVE: DM
ICD NARRATIVE (c): DIABETES UNCOMPL ADULT/NIDDM
----------------------------       V EXAM       -------------------------
EXAM: BREAST EXAM                     PATIENT NAME: JOHNSON,MARY
  VISIT: MAR 30, 1994@13:23
EXAM CODE (c): 06
EXAM: RECTAL EXAM
  VISIT: MAR 30, 1994@13:23
EXAM CODE (c): 14
```

# DM Diabetes Program QA Audit

```
                    ***********************************
                    **     PCC Management Reports    **
                    **   Diabetes Audit Report Menu  **
                    ***********************************
                              Version 3.0

                            SELLS HOSPITAL/CLINIC


  DM      DM Audit Report
  MED     Create Medication Taxonomies (INSUL,ORAL,ACEI)
  CHOL    Add/Edit CHOLESTEROL Lab Test Taxonomy
  CREA    Add/Edit CREATININE Lab Test Taxonomy
  GLUC    Add/Edit GLUCOSE Tests Lab Test Taxonomy
  HGB     Add/Edit HGB A1C Lab Test Taxonomy
  PAP     Add/Edit PAP SMEAR Lab Test Taxonomy
  TRIG    Add/Edit TRIGLYCERIDE Lab Test Taxonomy
  UPRO    Add/Edit URINE PROTEIN Lab Test Taxonomy
  URIN    Add/Edit Urinalysis Lab Test Taxonomy
```

This menu consists of options that facilitate the set-up and running of the official IHS Diabetes Audit Report. The report is part of the IHS Diabetes Management System designed to facilitate individual diabetes patient care and diabetes program management. Details on set-up for the Audit Report are described in the PCC Diabetes Management System (version 3.0) user's manual. All options for adding or editing taxonomies are used during the initial set-up process only.

Features of the Diabetes Management System include:

- A Diabetes Register using the PCC Case Management System
- A Diabetes Flowsheet included on the PCC Health Summary
- Monitoring/prompting of important care items on the Health Summary
- Standard nomenclature for recording diabetes exams and education on PCC forms
- An automated Diabetes Program Audit Report
- Case Management System report options
- Access to all PCC clinical data

The system capitalizes on data contained in the PCC and minimizes redundant data entry on the part of local Diabetes Coordinators. The system's features, including instructions for their implementation and full utilization, are described in detail in the PCC Diabetes Management System (version 3.0) manual.

The Diabetes Management System was developed jointly by the PCC Development Team in Tucson, the IHS Diabetes Program, and health-care providers involved in direct patient care.

**Since the DM Audit Report is generated from the PCC Database, clinical information must be entered into the PCC or the report does not recognize that the clinical event occurred.**

Descriptions of each item retrieved for printout on the audit report are provided in detail below.

## Demographic Data

**Audit Date:** The date the report was generated.

**Report Dates:** The date range specified by the person generating the report.

**Chart Number:** Chart number for the patient from the facility for which the report was generated.

**Report Generated by:** The person who ran the report.

**Service Unit:** The Service Unit of the facility for which the report was run.

**Area:** The IHS Area in which the facility resides.

**Date of Birth:** The patient's date of birth

**Facility:** The facility for which the report was run.

**Sex:** The sex of the patient.

**Age:** The patient's age is calculated as of the report generation date.

## Clinical Data

**Tobacco Use**: This is retrieved from the Health Status file, the PCC Problem List, or the Purpose of Visit file. The system first looks for the last occurrence of any of the following in the Health Status file (the Health Status file stores the last of each of a patient's health factors).

- Current Smokeless
- Current Smoker
- Non-Tobacco User
- Previous Smokeless
- Previous Smoker

If tobacco use is not documented in the Health Status file, the system scans the PCC Problem List for a diagnosis of Tobacco Use (305.1-305.13). If no Problem List entry is found, the system scans all POVs during the indicated time frame for a diagnosis of tobacco use (305.1-305.13). If tobacco is found, the system includes it in the printout. If a problem or POV is found, the Provider Narrative is also printed. If no evidence of tobacco use is found, the message UNDOCUMENTED will be printed.

**Date of Onset of Diabetes from CMS/Problem List:** The system determines the date of onset of diabetes based on the following:

1. The system checks the official Diabetes Register. If the patient exists in the register, the date of onset is obtained from the Date of Onset field in the DM Diagnoses for the client file.
2. The system scans the Problem List for a problem diagnosis of 250.00-250.93. If one is found and the date of onset has been recorded, the system uses that date.

3. If no date is found, the message DATE OF ONSET NOT RECORDED will be printed.

**Date of Earliest Diabetes Diagnosis from PCC:** The system utilizes the ICD9 diagnostic codes 250.00-250.93 to determine the earliest purpose of visit for diabetes that has been entered into the purpose of visit file. Note that this date may not be the same as the date of onset.

**Height:** The last height on record is printed. Note that this height may have been recorded after the audit ending date.

**Weight:** The last weight recorded on a non-prenatal visit is printed.

**BMI:** The body mass index, a commonly used index of obesity in populations, is calculated from the patient's height and weight data and printed in the report. The value is a ratio of patient's weight in kilograms to patient's height in meters$^2$.

**Weight, Blood Pressure, and Blood Sugar Recorded 75% of Visits:** The system searches all visits to determine if at least one purpose of visit contains a diagnosis of diabetes (ICD code 250.00-250.93) during the indicated date range. If diabetes is found, the report prints the percentage of diabetic-related visits during which the indicated reading or test result was obtained.

**Last 3 Blood Pressures and Last 3 Blood Sugars:** The last 3 blood pressures and last 3 blood sugars during the indicated date range will be printed, if available. Blood pressures or blood sugars taken in the emergency room are not included in the report. The lab tests used when determining whether a blood sugar was done are those indicated by you during the initial set-up procedures.

**HTN Documented:** The system first checks to see if a there is a hypertension diagnosis (ICD Code range 401.0-405.99) on the PCC Problem List. If not, the system checks to see if the patient had a purpose of visit where they received a diagnosis of hypertension (ICD code range 401.0-405.99) in the 5 years prior to the end of the indicated date range.

**Last Hgb A1c/GHb:** The system finds the last instance of this test during the specified date range. Note that there is a space on the report adjacent to the test result that can have the normal range for this test entered.

## Examinations

**Diabetic Foot Exam, Complete:** Indicates whether the patient had a diabetic foot exam recorded during report time frame.

**Diabetic Eye Exam:** Indicates whether the patient had a diabetic eye exam recorded during the report time frame.

**Rectal Exam:** Only reviewed if the patient is older than 40 years of age. Indicates whether the patient had a rectal exam during the report time frame.

**Pap Smear:** Indicates whether a FEMALE patient had a pap smear during the report time frame.

**Breast Exam:** Indicates whether a FEMALE patient had a breast exam during the report time frame.

**Mammography:** Indicates whether a FEMALE patient ever had a mammogram. The date of the last mammogram is reported and its accordance with the following ACS guidelines is noted:

- Ages 40-49: mammogram within the past 24 months
- Ages 50 and up: mammogram within the past 12 months

### Education

The current PCC list of Diabetes Education Topics includes the following items:

- DM-C Complications
- DM-N Nutrition
- DM-EX Exercise
- DM-GI General Information

The previous list of Diabetes Education Topics that was in effect prior to October 1993 is no longer recommended for use, although the audit program continues to accept them.

### Therapy

The system will determine whether the patient received insulin, an oral hypoglycemic, or both during the 4 months prior to the end of the indicated time frame. If there is no evidence of drugs prescribed, the system displays DIET ALONE.

**Ace Inhibitor Use.** The report indicates whether the patient received an ace inhibitor during the 4 months prior to the end of the audit time frame. If not, the report displays the message DOES NOT CURRENTLY USE/UNDETERMINED. The medicines audited when determining ace inhibitor use are those specified during the initial setup procedures described on pages 26 to 28.

### Immunizations

**Flu Vaccine:** Indicates if a vaccine was given during the report time frame.

**Pneumovax:** Indicates if ever given.

**Td:** Indicates if given during the past 10 years.

**TB Status:** Retrieved from the Health Status file. The TB Status Health Factors are:

- TB - Tx Complete
- TB - Tx Incomplete
- TB - Tx Unknown
- TB - Tx Untreated

**PPD:** Date of last PPD and result.

**PPD Status Code:** A patient's PPD status will be indicated by one or more of the following messages:

- PPD + Treatment Complete (based on health factor)
- PPD + Not Treated or Unknown Treatment
- PPD – Up-to-Date (placed in or after DX)
- PPD – Placed Before Date of DX
- PPD – Date of DX Unknown
- PPD Status Unknown

### Laboratory Data

**EKG:** EKG results are not available through the PCC. On the basis of a chart review, the reviewer must indicate if an EKG was ever given.

**Urinalysis:** If the patient had a urine protein during the indicated date range, the report will indicate that a urinalysis occurred.

**Proteinuria:** If the last urine protein during the indicated date range was 1+, 2+, or 3+, then proteinuria is indicated.

**Microalbuminuria.** For those without evidence of proteinuria, indicates whether a test for microalbuminuria was positive, negative, or not performed.

**Creatinine:** Indicates the result of the last creatinine during the indicated date range. If the patient has a Purpose of Visit code that indicates dialysis, the message ON DIALYSIS will be printed.

**Cholesterol:** The last cholesterol level during the indicated date range is printed.

**Triglycerides:** The last triglyceride level during the indicated date range is printed.

## Sample Audit Reports

The following three pages contain sample audit reports. An individual report is presented first, followed by a cumulative report.

```
                    IHS DIABETES PROGRAM QUALITY ASSURANCE AUDIT

AUDIT DATE: APR 30, 1996     REPORT DATES: Fiscal Year 1995
CHART NUMBER: 256498         REPORT GENERATED BY: JOHNSON,MARY
SERVICE UNIT: SELLS          AREA: TUCSON
DATE OF BIRTH: JAN 01, 1933  FACILITY: SELLS HOSPITAL/CLINIC
NAME: THATCHER,BECKY   SEX: F  AGE: 62

  TOBACCO USE: YES, USES TOBACCO
  DATE of Onset from [CMS]: JAN 1959
  DATE of Earliest Diabetes Diagnosis from PCC: JAN 01, 1960

Vital Statistics
  LAST HEIGHT: 5 feet .3 inches
  WEIGHT recorded 75% of diabetes visits: NO - 31%
  LAST WEIGHT: 144.0925 lbs  SEP 25, 1995     BMI:   8.5
  HTN documented (DX): YES
  BLOOD PRESSURE taken 75% of diabetes visits: NO - 38%
    Last 3 BLOOD PRESSURES (excluding ER Visits):
                                          120/90 mm HG  SEP 25, 1995
                                           120/80 mm HG  MAY 24, 1995
                                           120/90 mm HG  DEC 22, 1994
  BLOOD SUGAR recorded 75% of diabetes visits: NO - 50%

    Last 3 BLOOD SUGARS : GLUCOSE - RANDOM - 250  SEP 25, 1995
                          GLUCOSE - RANDOM - 200  SEP 01, 1995
                          GLUCOSE - RANDOM -  20  JUN 29, 1995
  LAST Hgb A1c/GHb : -       (normal range: _______)

Examinations (during indicated date range)
  DIABETIC FOOT EXAM: NO
  DIABETIC EYE EXAM: YES
  DENTAL EXAM: YES
  RECTAL EXAM (if >40 yrs old): NO
  Females: PAP SMEAR: NO
           BREAST EXAM: YES
  Females 40&over:  MAMMOGRAM EVER (before end of time frame): YES
                    Last Done: 03/25/93  Per ACS Guidelines: NO

Education (during indicated date range)
  DIET INSTRUCTION: NO
  EXERCISE INSTRUCTION: NO
  Other GENERAL DM EDUCATION: NO

Therapy (during indicated date range):  Diet Alone
ACE INHIBITOR Use (on Sep 30, 1995): Does not currently use/undetermined
Immunizations
  FLU VACCINE during indicated date range: YES - SEP 01, 1995
PNEUMOVAX ever: NO
  Td in past 10 years: YES
  Last PPD Reading: 1mm;NEGATIVE - NOV 22, 1994
  TB Treatment Status (Health Factor):  TB - TX COMPLETE
  PPD Status Code:  PPD -, up-to-date (placed after dm dx)  (3)

Laboratory data (during indicated date range)
  EKG ever in chart:  YES
  URINALYSIS: NO
    Proteinuria:
  CREATININE: YES - 80
  CHOLESTEROL: NO
  TRIGLYCERIDES: YES - ?
Local Item: ____________________________________________________
```

IHS DIABETES QA AUDIT FOR Fiscal Year 1995
CUMULATIVE REPORT

Total Number of Patients Audited: 175

DATE: APR 30, 1996 REVIEWER: JOHNSON,MARY
SERVICE UNIT: SELLS AREA: TUCSON
FACILITY: SELLS HOSPITAL/CLINIC

| | Percent Compliance |
|---|---|
| BASELINE DATA | |
| Female | 68% |
| Age | |
| <15 yrs | 0% |
| 15-44 yrs | 18% |
| 45-64 yrs | 51% |
| 65 yrs and older | 31% |
| Diabetes Treatment - diet | 58% |
| insulin | 21% |
| oral | 12% |
| both | 9% |
| ACE INHIBITOR - currently uses | 12% |
| - does not currently use or undetermined | 88% |
| Flowsheet current | 72% |
| Tobacco | |
| Tobacco used | 32% |
| Tobacco not used | 52% |
| Tobacco used in past | 4% |
| Tobacco use not documented | 12% |
| Duration of Diabetes | |
| Less than 10 years | 26% |
| 10 years or more | 63% |
| Date of Onset not recorded | 11% |
| Overwt/Obese | |
| *(height may be old) | |
| Overweight (BMI >27.7 or >27.2) | 66% |
| Obese (BMI >31.0 or >32.2) | 39% |
| BMI could not be calculated | 14% |
| Height recorded | 86% |
| PERFORMED AT LEAST 75% OF VISITS | |
| Weight | 76% |
| Blood Pressure | 94% |
| Normotensive | 42% |
| Controlled HTN | 23% |
| Uncontrolled BP | 24% |
| Severe HTN | 3% |
| Undocumented HTN control | 8% |
| Blood Sugar | 83% |
| Control Level acceptable | 56% |
| Control Level fair | 14% |
| Control Level Poor | 21% |
| Control Level Very Poor | 5% |
| Control Level Undocumented | 4% |

IHS DIABETES QA AUDIT FOR Fiscal Year 1995 Page 2

Facility: SELLS HOSPITAL/CLINIC

| | Percent Compliance |
|---|---|
| EXAMS - Yearly | |
| Diabetic Foot Exam, Complete | 67% |
| Diabetic Eye Exam | 62% |
| Dental Exam | 48% |
| Rectal Exam (>40 yrs) | 31% |
| PAP smear | 89% |
| Breast exam | 92% |
| Mammogram ever | 54% |
| Mammogram per ACS guidelines | 50% |
| DIABETES RELATED EDUCATION - Yearly | |
| Any Diet Instruction | 64% |
| Exercise Instruction | 60% |
| Any Diabetes Education | 76% |
| IMMUNIZATIONS | |
| Flu Vaccine - yearly | 21% |
| Pneumovax - once | 67% |
| Tetanus/Diptheria (q 10 yrs) | 46% |
| LABORATORY EXAMS | |
| EKG - Once | 43% |
| Urinalysis - yearly | 78% |
| Proteinuria | 54% |
| Creatinine - yearly | 66% |
| Creatinine > 2.0 | 44% |
| Cholesterol - yearly | 78% |
| Cholesterol > 240 mg/dl | 51% |
| Triglyceride - yearly | 65% |
| PPD STATUS | |
| PPD +, Treatment Complete | 21% |
| PPD +, Not treated or unknown treatment | 7% |
| PPD -, Up-to-date (ie, placed on or after diagnosis date) | 15% |
| PPD -, before DM diagnosis | 18% |
| PPD -, date of DM diagnosis unknown | 25% |
| PPD status unknown | 14% |
| TB STATUS (HEALTH FACTOR) | |
| TB - TX COMPLETE | 13% |
| TB - TX INCOMPLETE | 33% |
| TB - TX UNKNOWN | 77% |
| TB - TX UNTREATED | 66% |
| TB - Health Factor not recorded | 5% |

Local item:

# Generating a Patient Cohort for the Audit Report

You may utilize the PCC QA Audit Report option by entering a list of individual patient identifiers (names or chart numbers) or entering the name of a template, or cohort, of patients that you have saved from a previous retrieval. Three methods for generating and saving a cohort for use in the Audit Report are described below.

## 1 Using Your Entire DM Register as Your Audit Cohort

Since the automated audit process takes less than a minute per patient, you may wish to audit all active patients in your Diabetes Register. To do so, you must first be in the Case Management System where your Diabetes Register data resides. In Case Management, select the Report Generation menu option. Next, enter the name of your Diabetes Register. Then select the Patient and Statistical Reports menu option.

When prompted for a report type, select “DIAGNOSES.” When prompted for a sort order, select “PATIENT.” Respond “NO” when prompted for a particular patient and “NO” when prompted for another sorting attribute. When asked for a patient or statistical report, respond by typing "P," for patient.

When prompted to “Store Report Result as a Search Template,” respond “YES.” You will then see “Search Template:” which is prompting you to name your template. Enter “DM REGISTER PTS” followed by the current date; for example, DM REGISTER PTS 10/12/95. The computer then asks, “Are you adding DM REGISTER PTS 10/12/95 as a new sort template?” Respond “YES.”

At the prompt for Device, you may enter “HOME” or you may queue the report to run at a later time. The system will then select and store in your template all <u>active</u> patients in your register for use in the QA Audit Report.

After creating this template, or cohort, you may proceed to run the QA Audit Report as instructed previously in this manual.

## 2 Generating a Random Sample as Your Audit Cohort

At sites with a large Diabetes Register, you may wish to use a random sample of your active diabetes patients when running the PCC QA Audit Report. To accomplish this, first perform all of the steps described in step 1 above to create a template or cohort containing active patients in your register.

Next, select Q-Man from the Case Management System main menu. In Q-Man, select the SEARCH mode and use LIVING PATIENTS as your subject. When prompted for an Attribute of Living Patients, enter the left square bracket ( [ ) followed immediately by the name of your template; for example, [DM REGISTER PTS 10/12/95. Q-Man will retrieve your cohort and present you with four options. Select option 3 to generate a random sample of your cohort. You will then be asked whether you want a specific number of entries in your sample or a percentage of your cohort. Select 1 and then enter the number of patients you want to have in your sample.

When prompted for another Q-Man attribute, press Return or Enter. You will then be given several retrieval options. Select 4–Store Results in a FM Search Template. At the template name prompt, enter “SAMPLE OF DM PTS” followed by the date; for example, SAMPLE OF DM PTS 10/12/95. Respond “YES” when prompted “Are you adding this new template?” Bypass the description prompt by pressing Return or Enter. Respond "NO" at the “Run this job in the background?” prompt. Q-Man generates your sample cohort, which can then be used in the PCC DM QA Audit Report.

## 3 Generating an Audit Sample When You Do Not Have a Diabetes Register

If you have not established your Diabetes Register but wish to make use of the PCC DM QA Audit Report, you may build a cohort or sample cohort using Q-Man only. With Living Patients as your Q-Man subject, you can use one or more Q-Man attributes to find your diabetic population and save them in a template to be used in the Audit Report. This process is described in detail in the Diabetes Management manual in the section entitled "Entering Patients in the Register from a Q-Man Search of PCC Files."

After using this procedure to create and name a template of diabetics, that template can be used in the Audit Report. You may also use your template of diabetics as a Q-Man attribute to generate a random sample as described in step 2 above.

# APC APC Reports

This set of reports examines PCC visits and counts all APC visits in a given time frame for the facility that you select. The following reports are available:

```
                    ************************************
                    **     PCC Management Reports     **
                    **           APC Reports          **
                    ************************************
                              Version 3.0

                             SELLS HOSPITAL/CLINIC


  1A     PCC-Ambulatory Patient Care Report 1A
  DATE   APC Visit Counts by Date Of Visit
  CLN    APC Visit Counts by Clinic
  DISC   APC Visit Counts by Provider Discipline
  APRV   APC Visit Counts by Individual Provider
  DX     APC Visit Counts by Primary Diagnosis (APC CODE)
  LOC    APC Visit Counts by Location of Service
  AVCL   Average Number of Visits by Day of Week and Clinic
  AVCS   Average Number of Visits by Day/Clinic ALL Service
  AVD    Average Number of APC Visits per Day
  CYV    Calendar Year First and Revisit Summary
  DXC    APC Visit Counts by APC Major Diagnosis Category
  NOEX   List APC-1A Visits Not Exported
```

Entry of all data into the PCC includes a designation of Location of Visit, Visit Type, and Service Category.

Location of Visit is the facility where the visit occurred (e.g., Crownpoint Hospital, Yakima Health Center, Home, San Simon School).

Visit Types include:

- IHS
- Contract
- Tribal
- Other
- Program
- VA

Service Categories include:

- Ambulatory
- Hospitalization
- In-Hospital Care
- Chart Review
- Telecommunications
- Not Found
- Day Surgery
- Observation
- Event (Historical)
- Nursing Home Care

These three visit attributes, plus the Clinic Type designation for outpatient clinic visits, determine whether a visit is an official APC visit for inclusion in the IHS data system. The criteria for inclusion are listed below. Data displayed on this set of APC Reports from PCC Files should correspond very closely to the reports received from the IHS Data Center. However, please be aware that for Service Unit management purposes, a similar set of reports containing additional data, such as Not Found Visits, CHN Home Visits, and Telephone Calls, is a subset of the PCC Ambulatory Visit Counts, described in the next section of this manual.

**To be considered an APC visit, a visit MUST meet the following criteria:**

1. Fall within the date range specified.
2. Have other medical data linked to the visit record.
3. Have a Service Category of:
   - Ambulatory
   - Day Surgery
   - Observation
   - Nursing Home

   EXCLUDES : Chart Review, Hospitalization, Not Found, In-Hospital, and Event
4. Have a Visit Type of:
   - IHS
   - 638 Program
   - Tribal
   - Other
5. Have a primary Purpose of Visit (POV cannot be an uncoded DX .9999).
6. Have a valid location.
7. Have a valid primary provider.

   EXCLUDES: A Primary Provider Discipline of 13 (CHN) or 32 (CHR) AND a location of visit other than an IHS facility (code >49).

8. Have a valid clinic code.

   EXCLUDES:
   - Mail
   - Telephone Call
   - Chart Review
   - Follow-up Letter
   - Radio Call
   - Dental
   - Education Class
   - Employee Health

You must enter the visit date range for use in calculating the number of visits and select whether visits for all locations or one location are to be included.

# 1A PCC-Ambulatory Patient Care Report 1A

This report generates from PCC files and is similar to the 1A report generated by the APC System at the Data Center in Albuquerque. Your facility should run this report on a quarterly basis to verify that all APC visits have been exported properly to the Data Center. If your site is new to PCC and the APC export process, this report should be run after every export until all export problems have been resolved.

The report displays FY-to-date APC visit counts by month of service. You will specify the fiscal year and the facility for the report. Totals generate for each month as well as for each provider discipline. Percentage totals display for each discipline. Total primary care provider visits will also subtotal for each month.

Primary Care Providers are primary providers with one of the following discipline codes:

| | |
|---|---|
| 00 - Physician | 44 - Physician (Tribal) |
| 11 - Physician Assistant | 70-90 - Physician Specialists |
| 16 - Pediatric Nurse Practitioner | 17 - Nurse Midwife |
| 18 - Contract Physician | 21 - Nurse Practitioner |
| 25 - Contract Podiatrist | 33 - Podiatrist |
| 41 - Contract OB/Gyn | |

AREA: 00 TUCSON PCC-AMBULATORY PATIENT CARE REPORT 1A DEC 07, 1989 Page 1
S.U.: 01 SELLS TUCSON FISCAL YEAR 1987
FAC.: 000101 SELLS HOSPITAL/CLINIC

AMBULATORY CARE VISITS TO SERVICE LOCATION BY PRIMARY PROVIDER AND MONTH OF SERVICE

| PRIMARY PROVIDER OF SERVICE | YR-TO DATE | % OF TOTAL | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JULY | AUG | SEPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PHYSICIAN* | 505 | 47.6 | 38 | 37 | 39 | 46 | 43 | 37 | 43 | 36 | 32 | 37 | 57 | 60 |
| REGISTERED NURSE | 29 | 2.7 | 2 | 1 | 2 | 4 | 4 | 2 | 4 | 1 | 1 | 3 | 2 | 3 |
| LICENSED PRACTICAL | 12 | 1.1 | 0 | 1 | 3 | 4 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| OPTOMETRIST | 18 | 1.7 | 0 | 2 | 1 | 2 | 2 | 3 | 3 | 1 | 0 | 0 | 0 | 4 |
| PHARMACIST | 116 | 10.9 | 13 | 10 | 6 | 10 | 15 | 9 | 8 | 8 | 10 | 8 | 9 | 10 |
| PHYSICAL THERAPIST | 17 | 1.6 | 4 | 3 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 |
| PHYSICIAN ASSISTANT* | 48 | 4.4 | 4 | 5 | 3 | 7 | 5 | 3 | 5 | 1 | 6 | 1 | 3 | 5 |
| CHN/AIDES | 6 | .6 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 1 | 1 |
| OTHER | 19 | 1.7 | 7 | 3 | 0 | .5 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 0 |
| NURSE MIDWIFE | 37 | 3.5 | 4 | 1 | 5 | 3 | 3 | 5 | 2 | 6 | 1 | 1 | 4 | 2 |
| MENTAL HEALTH | 2 | .2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 4 | 0 | 0 |
| MEDICAL STUDENT | 5 | .5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 1 |
| NURSE PRACTITIONER* | 12 | 1.1 | 1 | 0 | 1 | 3 | 3 | 0 | 0 | 1 | 1 | 3 | 0 | 2 |
| NURSE ASSISTANT | 5 | .5 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 |
| LABORATORY TECHNIC | 5 | .5 | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| DIETICIAN | 1 | .1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PODIATRIST* | 8 | .8 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 1 |
| DENTIST | 8 | .8 | 2 | 0 | 0 | 6 | 1 | 1 | 0 | 1 | 2 | 0 | 0 | 0 |
| INTERNAL MEDICINE* | 111 | 10.5 | 9 | 2 | 10 | 0 | 6 | 10 | 11 | 13 | 10 | 4 | 4 | 5 |
| OB/GYN* | 6 | .6 | 0 | 9 | 0 | 3 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| PEDIATRICIAN* | 69 | 6.5 | 2 | 0 | 7 | 0 | 3 | 6 | 8 | 5 | 9 | 4 | 4 | 5 |
| SURGEON* | 8 | .8 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 3 |
| OPHTHALMOLOGIST* | 11 | 1.0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 4 |
| FAMILY PRACTICE* | 1 | .1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| NEUROLOGIST* | 1 | .1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 1060 | 100.0 | 88 | 81 | 82 | 124 | 97 | 80 | 91 | 80 | 77 | 62 | 91 | 1070 |
| TOTAL PRIMARY PVDR | 817 | 77.1 | 59 | 61 | 67 | 96 | 66 | 62 | 72 | 66 | 61 | 46 | 74 | 87 |

21 visits were not exported because of missing or invalid data. To see a list of these visits so that they may be resubmitted, use the option called 'List APC-1A Visits Not Exported.
There were 138 instances of 2 or more visits by a patient to the same clinic on the same day. These 138 will not be counted in the report produced at the Data Center, but are counted in the report above. This accounts for a total of 159 visits that will be counted in this report but not in the 1A report from the Data Center.

# DATE APC Visit Counts by Date of Visit

This report generates a count of visits by Date of Visit for a specified date range. The visits included are those that would be exported to the APC System.

```
**********************************************************************
* SAN XAVIER HEALTH CENTER                        FEB 7,1995  Page 1  *
*                  NUMBER OF APC VISITS BY DATE OF VISIT              *
*               LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER         *
*                 REPORT DATE:  SEP 01, 1994  TO  SEP 5, 1994        *
**********************************************************************

     DATE OF VISIT                DAY OF WEEK              # VISITS

     SEP 01, 1994                 MONDAY                       104
     SEP 02, 1994                 TUESDAY                       81
     SEP 03, 1994                 WEDNESDAY                     92
     SEP 04, 1994                 THURSDAY                      71
     SEP 05, 1994                 FRIDAY                        91
                                                             -------
                                                  Total:         439
```

# CLN APC Visit Counts by Clinic Type

This report generates a count of visits by Clinic Type for a specified date range. The visits included are those that would be exported to the APC System.

```
**********************************************************************
* SAN XAVIER HEALTH CENTER                        FEB 7,1995 Page 1  *
*                    NUMBER OF APC VISITS BY CLINIC TYPE              *
*                LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER        *
*                 REPORT DATE:  SEP 01, 1994  TO  SEP 02, 1994        *
**********************************************************************

     TYPE OF CLINIC               CLINIC CODE              # VISITS

     DIABETIC                     06                             12
     EMERGENCY MEDICINE           30                             60
     OTHER                        25                              8
     PODIATRY                     65                              8
     WELL CHILD                   24                             12
                                                               -------
                                                    Total:        100
```

# DISC APC Visit Counts by Provider Discipline

This report counts the number of visits by Provider Discipline for a specified date range. You may specify totals for primary provider only or for all providers. The visits included are those that meet the definition of an APC visit.

```
**************************************************************************
* SAN XAVIER HEALTH CENTER                          FEB 7,1995  Page 1   *
*                                                                        *
*              NUMBER OF APC VISITS BY ALL PROVIDER DISCIPLINES           *
*               LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER             *
*                REPORT DATE:  SEP 01, 1994  TO  SEP 02, 1994            *
**************************************************************************

     PROVIDER DISCIPLINE           DISCIPLINE CODE          # VISITS

     CHN/AIDES                     13                             5
     DENTIST                       52                             7
     INTERNAL MEDICINE             71                             1
     LICENSED PRACTICAL NURSE      05                            12
     NURSE ASSISTANT               22                             7
     NURSE MIDWIFE                 17                             1
     NURSE PRACTITIONER            21                             4
     NUTRITIONIST                  07                             2
     OPHTHALMOLOGIST               79                             1
     OPTOMETRIST                   08                             1
     PHARMACIST                    09                            13
     PHARMACY PRACTITIONER         30                             2
     PHYSICIAN                     00                            36
     PHYSICIAN ASSISTANT           11                             3
     REGISTERED NURSE              01                            12
                                                                -------
                                                    Total:         107
```

# APRV APC Visit Counts by Individual Provider

This report counts visits by individual provider for a specified date range. You may choose to list primary providers only or all providers. The visits included are those that meet the definition of an APC visit.

```
**************************************************************************
* SAN XAVIER HEALTH CENTER                          FEB 7,1995 Page 1    *
*                                                                        *
*              NUMBER OF APC VISITS BY ALL PROVIDERS OF SERVICE          *
*                LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER           *
*                REPORT DATE:  SEP 01, 1994  TO  SEP 02, 1994            *
**************************************************************************

     PROVIDER OF SERVICE           DISCIPLINE OF PROV       # VISITS

     BLACK,HAROLD C                DENTIST                         2
     BODE,AMY                      PHYSICIAN                       1
     COMMUNITY HEALTH NURSE,IH     CHN/AIDES                       3
     DENTAL COSTEP                 DENTIST                         1
     DENTIST,IHS                   DENTIST                         4
     DODGE,FRANK                   PHARMACIST                      4
     ENOS,SUSIE                    REGISTERED NURSE                1
     FOLSON,MALINDA                LICENSED PRACTICAL N            3
     GONZALES,EVELYN               NURSE PRACTITIONER              4
     INTERNIST,IHS                 INTERNAL MEDICINE               1
     JONES,DELPHINE                NURSE ASSISTANT                 1
     JOSE,MARY                     LICENSED PRACTICAL N            6
     LICENSED PRACTICAL NURSE,     LICENSED PRACTICAL N            1
     LIVINGSTON,ROBERT             PHYSICIAN                       3
     LOGAN,DAVID                   PHYSICIAN                       1
     LOPEZ,FRANCES                 REGISTERED NURSE                2
     MARFIN,TONY                   PHYSICIAN                       2
     MARTIN,GRETCHEN               REGISTERED NURSE                4
     MCDONALD,FRED                 PHYSICIAN                       1
     MCGHEE,ROGER                  PHARMACIST                      3
                                                                -------
                                                   Total:         107
```

# DX APC Visit Counts by Primary Diagnosis (APC Code)

This report counts visits by primary diagnosis for a specified date range. The visits included are those that meet the definition of an APC visit.

```
**************************************************************************
*  SELLS HOSPITAL/CLINIC                                 APR 05, 1996 Page 1 *
*                                                                           *
*                NUMBER OF APC VISITS BY PRIMARY DX (APC CODE)              *
*                                                                           *
*                           LOCATION OF VISITS:  ALL                        *
*                                                                           *
*                 REPORT DATE:  JAN 01, 1995  TO  DEC 30, 1995              *
*                                                                           *
**************************************************************************

     APC DX NARRATIVE              APC DX CODE               # VISITS

     ACUTE OTITIS MEDIA            250                             1
     ADVERSE EFFECT OF MEDICIN     770                             2
     ADVERSE EFFECTS               791                             1
     ASSESSMENT OF SYMPTOMS        810                             1
     CHILDHOOD BEHAVIORAL DISO     170                             4
     DIABETES MELLITUS             080                            38
     ENVIRONMENTAL PROBLEM         826                             1
     FAMILY PLANNING               495                             2
     FEVER                         806                             7
     FOLLOWUP CARE                 820                             1
     FRACTURE                      701                             1
     HYPERTENSIVE DISEASE          283                             1
     INFLUENZA                     303                             1
     LACERATION                    730                             1
     MENTAL DISORDER               175                            17
     NEUROSIS                      130                             1
     OTHER PROBLEMS                827                            26
     PHYSICAL EXAMINATION          821                             4
     PSYCHOSIS                     125                             1
     PULMONARY TUBERCULOSIS        005                             1
     RESPIRATORY ALLERGY           305                            10
     SOCIO-ECONOMIC PROBLEM        825                             6
     TUBERCULIN REACTOR            011                             1
     WELL CHILD CARE               818                             4
                                                                -------
                                                      Total:        133


RUN TIME (H.M.S): 0.0.3
End of report.  HIT RETURN:
```

# LOC APC Visit Counts by Location of Service

This option generates a list of the number of visits by location for a specified date range. The visits included are those that meet the definition of an APC visit.

```
**************************************************************************
*  SAN XAVIER HEALTH CENTER                          FEB 7,1995  Page 1  *
*                                                                        *
*                NUMBER OF APC VISITS BY LOCATION OF SERVICE             *
*                          LOCATION OF VISITS:  ALL                      *
*                REPORT DATE:  DEC 31, 1994  TO  DEC 31, 1994            *
**************************************************************************

     LOCATION OF SERVICE           LOCATION CODE            # VISITS

     ALBUQUERQ HO                  202101                         3
     SAN XAVIER HEALTH CENTER      000111                        56
     SELLS HOSPITAL/CLINIC         000101                         7
     SELLS UNDES                   000199                         2
                                                                -------
                                                    Total:         68
```

# AVCL Average Number of Visits by Day of Week and Clinic

This report generates average daily outpatient visit counts by clinic for each day of the week. You will specify a date range for calculating the average number daily visits. The visits included are those that meet the definition of an APC visit.

The following sample report includes the average number of visits by day of the week and clinic for January 1, 1995 to January 31, 1995.

```
*****************************************************************************
*                                                                           *
*  SELLS HOSPITAL/CLINIC                                APR 09, 1996    Page 1 *
*                                                                           *
*                                                                           *
*                AVERAGE DAILY OUTPATIENT (APC) VISITS BY CLINIC            *
*                                                                           *
*                           LOCATION OF VISITS:  ALL                        *
*                                                                           *
*                 REPORT DATE:  JAN 01, 1995  TO  JAN 31, 1995              *
*                                                                           *
*****************************************************************************


          CLINIC        MONDAY  TUESDAY WEDNESD THURSDA FRIDAY  SATURDA SUNDAY
ALCOHOLISM PROGRAM           2       0       1       0       1       0       0
CHRONIC DISEASE              4       1       3       2       1       0       0
DENTAL                       3       4       1       2       0       0       0
DIABETIC                     1       4       5       1       0       0       0
EMERGENCY MEDICINE           1       0       1       2       0       3       2
GENERAL                      5       1       3       2       0       0       0
HOME CARE                    2       2       1       2       0       0       0
MEDICAL SOCIAL SERVI         1       2       1       2       1       0       0
MENTAL HEALTH                2       1       2       5       1       0       0

RUN TIME (H.M.S): 0.0.4
End of report.  HIT RETURN:
```

# AVCS Average Number of Visits by Day/Clinic ALL Service

This report generates the average daily outpatient visit counts by Clinic for each day of the week. You will specify the date range for calculating the average daily patient visits.

**Note:** This report is similar to the Average Number of Visits by Day of Week and Clinic (AVCL), but ALL Service Categories and Clinics are included in the visit count.

```
**************************************************************************
*                                                                        *
*  SELLS HOSPITAL/CLINIC                              APR 09, 1996    Page 1 *
*                                                                        *
*                                                                        *
*                AVERAGE DAILY OUTPATIENT VISITS BY CLINIC               *
*                                                                        *
                           SERVICE CATEGORIES:  ALL
*                          LOCATION OF VISITS:  ALL                      *
*                                                                        *
*                 REPORT DATE:  Mar 01, 1995  TO  Mar 31, 1995           *
*                                                                        *
**************************************************************************
```

| CLINIC | MONDAY | TUESDAY | WEDNESD | THURSDA | FRIDAY | SATURDA | SUNDAY |
|---|---|---|---|---|---|---|---|
| ALCOHOLISM PROGRAM | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| CHRONIC DISEASE | 4 | 6 | 3 | 0 | 1 | 0 | 0 |
| DENTAL | 6 | 1 | 1 | 2 | 3 | 0 | 0 |
| DIABETIC | 4 | 3 | 6 | 1 | 0 | 0 | 0 |
| EMERGENCY MEDICINE | 1 | 0 | 1 | 2 | 0 | 5 | 4 |
| GENERAL | 4 | 1 | 3 | 2 | 5 | 1 | 0 |
| HOME CARE | 2 | 2 | 1 | 2 | 0 | 0 | 0 |
| MEDICAL SOCIAL SERVI | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
| MENTAL HEALTH | 2 | 1 | 2 | 5 | 1 | 0 | 0 |
| PHYSICAL THERAPY | 2 | 3 | 5 | 4 | 1 | 0 | 0 |

```
RUN TIME (H.M.S): 0.0.2
End of report.  HIT RETURN:
```

# AVD Average Number of APC Visits per Day

This report displays the average daily outpatient visits for a specified date range. You may choose visits for one clinic, selected clinics, or all clinics. The visits included are those that meet the definition of an APC visit.

```
**********************************************************************
*  SAN XAVIER HEALTH CENTER                          FEB 7,1995  Page 1 *
*                                                                      *
*                    AVERAGE DAILY OUTPATIENT (APC) VISITS             *
*                          LOCATION OF VISITS:  ALL                    *
*                REPORT DATE:  DEC 28, 1994  TO  DEC 31, 1994          *
**********************************************************************


     DAY OF WEEK                          AVERAGE # OF VISITS

     MONDAY                                     3
     TUESDAY                                   56
     WEDNESDAY                                  7
     THURSDAY                                   2
                                           -------
                               Total:         68
```

# CYV Calendar Year First and Revisit Summary

This report tabulates visit counts for the facility and clinic for a specified date range. Visit counts are summarized for Indian/Alaska Native and All Other Beneficiaries. You may choose visit counts for all clinics or for the specific clinics that you specify.

Subtotals for each of the following classifications are provided:

- New patient's first visit
- Established patient's first visit
- Total first visits
- All additional visits

**Note:** When generating an inclusive calendar year report, the beginning date must be the first day of the selected calendar year.

MONTHLY PROGRESS - VISIT SUMMARY REPORT
INDIAN/ALASKA NATIVE VISITS
Apr 09, 1996

FACILITY: SELLS HOSPITAL/CLINIC Page 1
DATE RANGE: JAN 01, 1995 TO DEC 30, 1995
LOCATION: All Locations
CLINIC: All Clinics

| Report Dates: JAN 01, 1995 to DEC 30, 1995 | Indian | All Other |
|---|---|---|
| Date Range Visit Summary | | |
| 1. New Patient's First Visit | 1 | 0 |
| 2. Established Patient's First Visit | 46 | 3 |
| 3. Total First Visits (1-2) | 47 | 3 |
| 4. Additional Visits (2nd,3rd,etc.) | 79 | 16 |
| 5. SUB-TOTAL | 126 | 19 |

GRAND TOTAL-ALL VISITS: 145

# DXC APC Visit Counts by APC Major Diagnosis Category

This report generates a count of visits by Primary Diagnosis (APC Category) for a specified date range. The visits included are those that meet the definition of an APC visit.

```
**************************************************************************
* SAN XAVIER HEALTH CENTER                          FEB 7,1995  Page 1   *
*                                                                        *
*              NUMBER OF APC VISITS BY PRIMARY DX (APC CATEGORY)         *
*               LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER            *
*                REPORT DATE:  SEP 01, 1994  TO  SEP 01, 1994            *
**************************************************************************

     APC DX CATEGORY NARRATIVE                                  # VISITS

     ACCID. POISONINGS AND VIO                                       5
     DIS. OF CIRCULATORY SYSTE                                      47
     DIS. OF FEMALE GENITALIA                                        1
     DIS. OF NERVOUS SYSTEM                                          1
     DIS. OF RESPIRATORY SYSTE                                       8
     DIS. OF URINARY TRACT                                           3
     ENDOCR., NUTR., & METAB.                                       18
     INFECTIVE & PARASITIC DIS                                       1
     MENTAL DISORDERS                                                4
     NEOPLASMS                                                       1
     SUPPLEMENTAL                                                   13
     SYMPTOMS & ILL DEFINED CO                                       2
                                                                -------
                                                    Total:         104
```

# NOEX List APC-1A Visits Not Exported

This report will process the same way as the 1A report; however, instead of producing a list of the visits exported to the Albuquerque Data Center, it lists all visits that did NOT export. In other words, the NOEX report includes only those visits that are not in the 1A report. Your facility should run this report on a quarterly basis to verify which visits are not exporting properly to the Data Center. **Note:** If your site is new to PCC and the APC export process, this report should be run after every export until all problems with exporting data have been resolved.

The PCC data entry staff should review this report. All visits that have not exported should be reviewed, corrected, and reflagged for export, as appropriate.

```
------------------------------------------------------------------------
AREA:  00      TUCSON                          PCC-APC REPORT 1A    Page 1
S.U.:  01      SELLS                             FISCAL YEAR 1994
FAC.:  000101  SELLS HOSPITAL/CLINIC               AUG 02, 1994
                                                VISITS NOT EXPORTED
------------------------------------------------------------------------

Total Number of APC visits counted:  20878
Total Number of those APC Visits NOT Exported:  23

Of the total number of visits counted in the 1A, but NOT exported to the
data center, 909 were not exported because they were posted or modified
after the last PCC export tape was generated.

The remaining 22 visits are listed below.
------------------------------------------------------------------------
HRN  VISIT DATE/TIME    LOCATION   TYPE SC CLIN    REASON
------------------------------------------------------------------------

89999 NOV 24,1993@12:15  4587       I   A  01  Inactive ICD code used
79999 NOV 27,1993@14:30  4587       I   A  01  Inactive ICD code used
69999 DEC 4,1993@14:45   4587       I   A  01  No Community of Residence
59999 DEC 16,1993@14:05  4587       I   A  01  No Community of Residence
49999 DEC 18,1993@15:30  4587       I   A  01  No Community of Residence
29999 DEC 22,1993@10:00  4587       I   A  01  No Community of Residence
99999 DEC 30,1993@14:20  4587       I   A  01  No Community of Residence
08888 JAN 5,1994@08:10   4587       I   A  24  No Community of Residence
18888 JAN 13,1994@14:00  4587       I   A  01  No Community of Residence
28888 JAN 13,1994@12:00  4587       I   A  01  No Community of Residence
38888 MAR 11,1994@12:45  4587       I   A  01  No Community of Residence
48888 MAR 19,1994@12:40  4587       I   A  01  ?????
58888 APR 6,1994@14:45   4587       I   A  50  ?????
68888 APR 6,1994@13:30   4587       I   A  01  No Community of Residence
78888 APR 13,1994@09:00  4587       I   A  24  ?????
88888 APR 20,1994@09:30  4587       I   A  24  No Community of Residence
98888 APR 15,1994@12:00  4587       I   A  43  ?????
07777 APR 23,1994@12:30  4587       I   A  01  No Community of Residence
27777 APR 28,1994@09:10  4587       I   A  17  No Community of Residence
27777 APR 29,1994@12:05  4587       I   A  01  No Community of Residence
27777 JUN 8,1994@09:30   4587       I   A  24  No Community of Residence

RUN TIME (H.M.S): 0.31.34
End of report.  HIT RETURN
```

# PCCV Ambulatory Visit Counts

This set of reports will count all PCC Ambulatory Visits in a given time frame. These reports display a count of PCC Ambulatory Visits sorted by the attribute you select. You will be prompted to enter the visit date range to be used in calculating the number of visits and to indicate for which location the report should print.

The following PCC Visit Count reports are available from the PCCV menu:

```
                  ************************************
                  **       PCC Management Reports     **
                  **    PCC Ambulatory Visit Counts   **
                  ************************************
                              Version 3.0

                            SELLS HOSPITAL/CLINIC


  DATE   Visit Counts by Date of Visit
  CLIN   Visit Counts by Clinic Type
  DISC   Visit Counts by Provider Discipline
  PROV   Visit Counts by Provider
  DX     Visit Counts by Diagnosis (ICD)
  LOC    Visit Counts by Location of Service
  SC     Visit Counts by Service Category
  AA     PCC Visits (By Provider Disc) PCC Report AA
  ALL    ALL Visits by Provider or Provider Discipline
  APPT   Tally of Walk-in/Appointment Clinic Visits
  DAR    PCC Data Analysis Report
  PPD    Primary Provider Visits - Daily/Annual Report
  PPM    Primary Provider Visits - Monthly Report
  WAIT   Wait Times by Clinic and Provider
```

In order for a visit to be included in the PCC Ambulatory Visits reports, it must meet the following criteria:

1. A Visit Type of:
   - IHS
   - 638 Program
   - Tribal
   - Other

2. A Service Category of:
   - Ambulatory
   - Observation
   - Day Surgery
   - Not Found
   - Nursing Home
   - Telecommunications

   EXCLUDES: Chart Review, Hospitalization, In-Hospital, and Event.

3. Include a VALID primary provider.

4. Have a Purpose of Visit.

# DATE Visit Counts by Date of Visit

This report counts visits by Date of Visit for the date range you specify. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

```
                                                        APR 09, 1996  Page 1
                  NUMBER OF AMBULATORY VISITS BY DATE OF VISIT
                            LOCATION OF VISITS:  ALL
                  VISIT DATES:  MAR 01, 1995  TO  MAR 31, 1995

LOCATION OF VISIT
     DATE OF VISIT                DAY OF WEEK              # VISITS
-------------------------------------------------------------------------------

SELLS HOSPITAL/CLINIC

     MAR 01, 1995                 WEDNESDAY                    1
     MAR 06, 1995                 MONDAY                       1
     MAR 13, 1995                 MONDAY                       3
     MAR 15, 1995                 WEDNESDAY                    4
     MAR 20, 1995                 MONDAY                       1
     MAR 25, 1995                 SATURDAY                     1
     MAR 28, 1995                 TUESDAY                      1
                                                           --------
                                                  Total:       12


RUN TIME (H.M.S): 0.0.0
End of report.  HIT RETURN:
```

# CLIN Visit Counts by Clinic Type

This report counts visits by Clinic Type for the date range you specify. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

---

```
                                                        FEB 8,1995  Page 1
                  NUMBER OF AMBULATORY VISITS BY CLINIC TYPE
                LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER
                 VISIT DATES:  SEP 01, 1994  TO  SEP 01, 1994

LOCATION OF VISIT
     TYPE OF CLINIC               CLINIC CODE             # VISITS
-------------------------------------------------------------------------------

SAN XAVIER HEALTH CENTER

     DIABETIC                     06                           12
     EMERGENCY MEDICINE           30                            6
     GENERAL                      01                           20
     NO CLINIC ENTERED            99999                         8
     PODIATRY                     65                            8
     WELL CHILD                   24                            2
                                                           --------
                                                Subtotal:       56
```

---

# DISC Visit Counts by Provider Discipline

This report counts visits by Provider Discipline for the date range you specify. You may choose counts for primary providers only or for all providers. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

---

```
                                                        FEB 8,1995  Page 1
            NUMBER OF AMBULATORY VISITS BY ALL PROVIDER DISCIPLINES
                 LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER
                  VISIT DATES:  SEP 01, 1994  TO  SEP 01, 1994

LOCATION OF VISIT
     PROVIDER DISCIPLINE           DISCIPLINE CODE          # VISITS
-------------------------------------------------------------------------------

SAN XAVIER HEALTH CENTER

     CHN/AIDES                     13                            5
     DENTIST                       52                            7
     INTERNAL MEDICINE             71                            1
     LICENSED PRACTICAL NURSE      05                           12
     NURSE ASSISTANT               22                            7
     NURSE MIDWIFE                 17                            1
     NURSE PRACTITIONER            21                            4
     NUTRITIONIST                  07                            2
     OPHTHALMOLOGIST               79                            1
     OPTOMETRIST                   08                            1
     PHARMACIST                    09                           13
     PHARMACY PRACTITIONER         30                            2
     PHYSICIAN                     00                           37
     PHYSICIAN ASSISTANT           11                            3
     REGISTERED NURSE              01                           12
                                                           --------
                                                Subtotal:       108

                                                           --------
                                                  Total:       108
```

---

# PROV Visit Counts by Provider

This report counts visits by Provider of Service for the date range you specify. You may choose counts for primary providers only or for all providers. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

---

FEB 8,1995 Page 1

NUMBER OF AMBULATORY VISITS BY ALL PROVIDERS OF SERVICE
LOCATION OF VISITS: SAN XAVIER HEALTH CENTER
VISIT DATES: SEP 01, 1994 TO SEP 01, 1994

| LOCATION OF VISIT<br>PROVIDER OF SERVICE | DISCIPLINE OF PROV | # VISITS |
|---|---|---|
| SAN XAVIER HEALTH CENTER | | |
| BLACK,HAROLD C | DENTIST | 2 |
| BODE,AMY | PHYSICIAN | 1 |
| COMMUNITY HEALTH NURSE,IH | CHN/AIDES | 3 |
| DENTAL COSTEP | DENTIST | 1 |
| DENTIST,IHS | DENTIST | 4 |
| DODGE,FRANK | PHARMACIST | 4 |
| ENOS,SUSIE | REGISTERED NURSE | 1 |
| FOLSON,MALINDA | LICENSED PRACTICAL N | 3 |
| GONZALES,EVELYN | NURSE PRACTITIONER | 4 |
| INTERNIST,IHS | INTERNAL MEDICINE | 1 |
| JONES,DELPHINE | NURSE ASSISTANT | 1 |
| JOSE,MARY | LICENSED PRACTICAL N | 6 |
| LICENSED PRACTICAL NURSE, | LICENSED PRACTICAL N | 1 |
| LIVINGSTON,ROBERT | PHYSICIAN | 3 |
| LOGAN,DAVID | PHYSICIAN | 1 |
| LOPEZ,FRANCES | REGISTERED NURSE | 2 |
| MARFIN,TONY | PHYSICIAN | 2 |
| MARTIN,GRETCHEN | REGISTERED NURSE | 4 |
| MCDONALD,FRED | PHYSICIAN | 1 |
| MCGHEE,ROGER | PHARMACIST | 3 |
| | Subtotal: | 48 |
| | Total: | 48 |

---

# DX Visit Counts by Primary Diagnosis (ICD)

This report counts visits by Primary Diagnosis (ICD Code) for the date range you specify. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

---

FEB 8,1995 Page 1

NUMBER OF AMBULATORY VISITS BY PRIMARY DX (ICD CODE)
LOCATION OF VISITS: SAN XAVIER HEALTH CENTER
VISIT DATES: SEP 01, 1994 TO SEP 01, 1994

| LOCATION OF VISIT<br>ICD DX NARRATIVE | ICD DX CODE | # VISITS |
|---|---|---|
| SAN XAVIER HEALTH CENTER | | |
| ABN GLUCOSE-ANTEPARTUM | 648.83 | 1 |
| ACUTE BRONCHIOLITIS | 466.1 | 1 |
| ACUTE NASOPHARYNGITIS | 460. | 1 |
| ACUTE URI NOS | 465.9 | 5 |
| ANEMIA-ANTEPARTUM | 648.23 | 1 |
| ANXIETY STATE NOS | 300.00 | 1 |
| ATTEN-SURG DRESSNG/SUTUR | V58.3 | 1 |
| BURN NOS | 949.0 | 1 |
| CHRONIC SINUSITIS NOS | 473.9 | 2 |
| CONGESTIVE HEART FAILURE | 428.0 | 1 |
| DENTAL DISORDER NOS | 525.9 | 1 |
| DENTAL EXAMINATION | V72.2 | 4 |
| DIAB OPHTHAL MANIF ADULT/ | 250.50 | 1 |
| DIABETES UNCOMPL ADULT/NI | 250.00 | 9 |
| EDEMA OF PENIS | 607.83 | 1 |
| FX ANKLE NOS-CLOSED | 824.8 | 1 |
| GINGIV/PERIODONT DIS NOS | 523.9 | 1 |
| HYPERMETROPIA | 367.0 | 1 |
| HYPOVOLEMIA | 276.5 | 1 |
| IMPETIGO | 684. | 1 |
| | Subtotal: | 36 |
| | Total | 36 |

---

# LOC Visit Counts by Location of Service

This report counts visits by Location of Service for the date range you specify.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

```
                                                        FEB 8,1995  Page 1
              NUMBER OF AMBULATORY VISITS BY LOCATION OF SERVICE
                           LOCATION OF VISITS:  ALL
                 VISIT DATES:  SEP 01, 1994  TO  SEP 01, 1994

LOCATION OF VISIT
     LOCATION OF SERVICE           LOCATION CODE            # VISITS
-------------------------------------------------------------------------------

ALBUQUERQ HO                       202101                          3
SELLS HOSPITAL/CLINIC              000101                         14
SAN XAVIER HEALTH CENTER           000111                         57
HOME                               000189                          1
SELLS UNDES                        000199                          2
VAYA CHIN HEALTH STATION           000132                          1
                                                                --------
                                                        Total:         78
```

# SC Visit Counts by Service Category

This report counts visits by Service Category for the date range you specify. The report provides subtotals by Location of Encounter.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

```
                                                        FEB 8,1995  Page 1
            NUMBER OF AMBULATORY VISITS BY SERVICE CATEGORY OF VISIT
                 LOCATION OF VISITS:  SAN XAVIER HEALTH CENTER
                  VISIT DATES:  SEP 01, 1994  TO  SEP 01, 1994

LOCATION OF VISIT
     SERVICE CATEGORY              CODE                      # VISITS
-------------------------------------------------------------------------------

SAN XAVIER HEALTH CENTER

     AMBULATORY                    A                              56
     NOT FOUND                     N                               1
     DAY SURGERY                   S                               2
     TELECOMMUNICATIONS            T                               6
                                                                --------
                                                  Subtotal:         65

                                                                --------
                                                    Total:          65
```

# AA PCC Visits (by Provider Discipline) PCC Report AA

This report prints year-to-date PCC visit counts for the facility and fiscal year that you select. Subtotals by month are for date of service. This report is similar to the AA report produced at the Albuquerque Data Center; however, it contains all PCC visits, not just those defined as APC visits.

All visits in the database are included in the tabulation except the following:

- Visit Types: Contract, VA
- Visit Service Categories: Chart Review, In-Hospital, Hospitalizations, Historical Events
- Visits without a Primary Provider or Purpose of Visit

**Note:** This report must be printed on 132-column paper or a printer set up for condensed print.

A sample report is shown on the following page.

AREA: 00 TUCSON PCC-OUTPATIENT PATIENT CARE REPORT APR 19, 1996 Page 1
S.U.: 01 SELLS FISCAL YEAR 1995
FAC.: 000101 SELLS HOSPITAL/CLINIC

ALL PCC OUTPATIENT (NON-HOSPITAL) VISITS TO SERVICE LOCATION BY PRIMARY PROVIDER AND MONTH OF SERVICE

| PRIMARY PROVIDER OF SERVICE | YR-TO DATE | % OF TOTAL | OCT. | NOV. | DEC. | JAN. | FEB. | MAR. | APR. | MAY | JUNE | JULY | AUG. | SEPT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PHYSICIAN* | 18 | 6.7 | 0 | 5 | 1 | 2 | 0 | 1 | 0 | 2 | 1 | 1 | 2 | 3 |
| MEDICAL SOCIAL WORKE | 43 | 16.1 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 14 |
| MENTAL HEALTH | 134 | 50.2 | 2 | 17 | 11 | 11 | 16 | 8 | 9 | 5 | 3 | 20 | 11 | 21 |
| PHARMACY PRACTICIONE | 1 | .4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| DENTIST | 3 | 1.1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| COMMUNITY HEALTH REP | 16 | 6.0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| INTERNAL MEDICINE* | 47 | 17.6 | 1 | 1 | 5 | 9 | 2 | 4 | 5 | 9 | 3 | 2 | 2 | 4 |
| FAMILY PRACTICE* | 2 | .7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| PSYCHIATRIST* | 1 | .4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T O T A L | 267 | 100.0 | 9 | 25 | 18 | 22 | 33 | 14 | 14 | 16 | 11 | 29 | 32 | 44 |
| *TOTAL PRIMARY PVDR | 68 | 25.5 | 1 | 7 | 7 | 11 | 2 | 5 | 5 | 11 | 4 | 4 | 4 | 7 |

RUN TIME (H.M.S): 0.0.2
End of report. HIT RETURN:

# ALL All Visits by Provider or Provider Discipline

This report counts all visits by Provider, Location of Service, and Service Category. All visits are in the report regardless of Type, Service Category, or Clinic. The visit must have a valid Provider and Purpose of Visit to be included. You may select one or all providers, one or all provider disciplines, all providers within one discipline, one or all locations, and whether the provider is a primary provider.

```
                                                          AUG 02, 1994 Page 1

         NUMBER OF CONTACTS BY PROVIDER, LOCATION AND SERVICE CATEGORY
                          LOCATION OF VISITS:  ALL
                        PROVIDER DISCIPLINE:  ALL
                           PRIMARY PROVIDER ONLY
                  VISIT DATES:  JAN 01, 1994  TO  JAN 15, 1994

     LOCATION OF VISIT
          SERVICE CATEGORY                          # PROVIDER CONTACTS
-------------------------------------------------------------------------------

Provider Discipline:  PHYSICIAN
     SELLS HOSPITAL/CLINIC
          AMBULATORY                                          36
     SAN XAVIER HEALTH CENTER
          AMBULATORY                                         106
          CHART REVIEW                                         4
          TELECOMMUNICATIONS                                   4
     AMBULANCE,000177
           AMBULATORY                                          4
     CHS PHYSICIAN OFFICE,000188
          AMBULATORY                                           7
          IN HOSPITAL                                          6
     VETERANS ADMIN HOSPITAL
          AMBULATORY                                           4
          HOSPITALIZATION                                      1
     SAINT MARY'S HOSPITAL
          AMBULATORY                                           5

(Sub totals and Totals will be displayed)
```

# APPT Tally of Walk-in/Appointment Clinic Visits

This report counts visits by Clinic in the date range you select. You may select visit counts for one or all locations and one or all clinics. The report counts each clinic visit by appointment, walk-in, or unspecified.

AUG 02, 1994 Page 1

TALLY OF CLINIC VISITS: WALK-IN, APPOINTMENT, UNSPECIFIED
LOCATION OF VISITS: ALL
CLINIC: ALL
VISIT DATES: JAN 01, 1994 TO JAN 31, 1994

LOCATION OF VISIT

| CLINIC | CLINIC CODE | TOTAL # VISITS | APPOINTMENTS # | APPOINTMENTS % | WALK-INS # | WALK-INS % | UNSPECIFIED # | UNSPECIFIED % |
|---|---|---|---|---|---|---|---|---|
| SELLS OTHER | | | | | | | | |
| MENTAL HEALTH | 14 | 5 | 0 | 0.0 | 0 | 0.0 | 5 | 100.0 |
| Sub total: | | 5 | 0 | 0.0 | 0 | 0.0 | 5 | 100.0 |
| SELLS HOSPITAL/CLINIC | | | | | | | | |
| CHRONIC DISEASE | 50 | 17 | 0 | 0.0 | 0 | 0.0 | 17 | 100.0 |
| DENTAL | 56 | 186 | 0 | 0.0 | 0 | 0.0 | 186 | 100.0 |
| DIABETIC | 06 | 55 | 0 | 0.0 | 0 | 0.0 | 55 | 100.0 |
| DIETARY | 67 | 18 | 0 | 0.0 | 0 | 0.0 | 18 | 100.0 |
| EMERGENCY MEDICINE | 30 | 228 | 0 | 0.0 | 0 | 0.0 | 228 | 100.0 |
| GENERAL | 01 | 551 | 0 | 0.0 | 0 | 0.0 | 551 | 100.0 |
| GROUP SERVICES | 09 | 9 | 0 | 0.0 | 0 | 0.0 | 9 | 100.0 |
| GYNECOLOGY | 10 | 15 | 0 | 0.0 | 0 | 0.0 | 15 | 100.0 |
| MENTAL HEALTH | 14 | 3 | 0 | 0.0 | 0 | 0.0 | 3 | 100.0 |
| OBSTETRICS | 16 | 49 | 0 | 0.0 | 0 | 0.0 | 49 | 100.0 |
| OPHTHALMOLOGY | 17 | 27 | 0 | 0.0 | 0 | 0.0 | 27 | 100.0 |
| OPTOMETRY | 18 | 31 | 0 | 0.0 | 0 | 0.0 | 31 | 100.0 |
| OTHER | 25 | 10 | 0 | 0.0 | 0 | 0.0 | 10 | 100.0 |
| PHARMACY | 39 | 203 | 0 | 0.0 | 0 | 0.0 | 203 | 100.0 |
| PHYSICAL THERAPY | 34 | 86 | 0 | 0.0 | 0 | 0.0 | 86 | 100.0 |
| PODIATRY | 65 | 29 | 0 | 0.0 | 0 | 0.0 | 29 | 100.0 |
| RADIOLOGY | 63 | 2 | 0 | 0.0 | 0 | 0.0 | 2 | 100.0 |
| SURGICAL | 23 | 13 | 0 | 0.0 | 0 | 0.0 | 13 | 100.0 |
| WELL CHILD | 24 | 10 | 0 | 0.0 | 0 | 0.0 | 10 | 100.0 |
| WOMEN'S HEALTH SCREE | 70 | 1 | 0 | 0.0 | 0 | 0.0 | 1 | 100.0 |
| Sub total: | | 1543 | 0 | 0.0 | 0 | 0.0 | 1543 | 100.0 |
| Total | | 1548 | 0 | 0.0 | 0 | 0.0 | 1548 | 100.0 |

# DAR PCC Data Analysis Report

This report counts all visits processed in the PCC and categorizes them by Type, Service Category, and Complete/Incomplete. It also indicates which visits would be excluded from the APC System.

```
   SELLS HOSPITAL/CLINIC                                  Apr 09, 1996  Page 1
                              PCC DATA ANALYSIS REPORT
*******************************************************************************

FACILITY:  SELLS HOSPITAL/CLINIC - 000101
VISIT DATE RANGE:  Jan 01, 1995 - Dec 30, 1995

Total Visits Processed in PCC:  140

as of the Date the report was run:
                                              # complete     # incomplete
                                              ----------     ------------

TYPE:              IHS                           100             36
                   OTHER                           3              1


SERVICE CATEGORY:  AMBULATORY                     97             34
                   CHART REVIEW                    1
                   EVENT (HISTORICAL)                             1
                   HOSPITALIZATION                 2              2
                   IN HOSPITAL                     3

APC Acceptable Visits based on Headquarters Definition:       93

Exclusions from APC System:

          Dental Clinic w/o Medication                          4
          Other Excluded Clinic Type                            0
          Incomplete A, O, R or S                              15
          Non APC Service Category                              9
          Non APC Visit Type                                    0
          Mult Visits same patient, same day, same clinic      19

   Of the acceptable APC visits,      0 were posted or modified after
   the last export and would not be reflected in reports from the data center.

   Of the acceptable APC visits,     27 were not exported due to an error.
   These can be reviewed using other PCC reports.

RUN TIME (H.M.S): 0.0.9
End of report.  HIT RETURN:
```

# PPD Primary Provider Visits - Daily/Annual Report

This report counts visits by Primary Providers for a given day or year. You may specify the locations or clinics to include in the report up to a total of 6 for an 80-column report or 12 for a 132-column report. All clinics are counted in the report, including Telephone Calls, Dental, and Chart Reviews if a clinic is not specified. However, only visits with a Primary Provider Discipline in one of the following codes are tabulated:

- 00 - Physician
- 11 - Physician Assistant
- 16 - Pediatric Nurse Practitioner
- 17 - Nurse Midwife
- 21 - Nurse Practitioner
- 33 - Podiatrist
- 44 - Physician (Tribal)
- 70-90 - Physician Specialists
- 18 - Contract Physician
- 25 - Contract Podiatrist
- 41 - Contract OB/Gyn

The following sample report was run for an entire facility and six specific clinics for January 15, 1995.

```
                          SELLS HOSPITAL/CLINIC                    Page 1
                  PRIMARY CARE PROVIDER VISITS - YEARLY REPORT
                 VISIT DATES:  JAN 15, 1995  TO  JAN 15, 1995
                           LOCATION OF VISITS:  ALL

  PROVIDER         GENERAL   DIABETIC  INTERNAL  OBSTETRI  SURGICAL  EMERGENC
-------------------------------------------------------------------------------

CURTIS,CLAYTON          10          2         0         0         0         3
SHORR,GREG               2          2         0         0         0         0
BUTCHER,LORI AN         18          0         0         0         0         0

RUN TIME (H.M.S): 0.0.0
End of report.  HIT RETURN:
```

# PPM Primary Care Provider Visits – Monthly Report

Similar to the previous report, the PPM report counts the number of visits by primary care providers for a given month. All clinic codes are in the report including Telephone Calls, Dental, and Chart Review. Only visits with a Primary Provider Discipline (identified on the previous page) are counted.

The following sample report was run for the month of January for six selected clinics.

```
                              SELLS HOSPITAL/CLINIC                    Page 1
                PRIMARY CARE PROVIDER VISITS - PRIMARY PROVIDER ONLY
                     VISITS DATES:  JAN 01, 1996  TO  JAN 31, 1996
                               LOCATION OF VISITS:  ALL

  DATE      GENERAL   DIABETIC  INTERNAL  OBSTETRI  EMERGENC  DENTAL
-------------------------------------------------------------------------------

01/08/96          1         4        11         9         3         5
01/10/96          6         6         9         7         1         6
01/11/96          4         7         6         5         2         3
01/18/96          2         5         7         5         0         5
01/24/96          8         5         6         3         2         5
01/30/96          1         5         8         2         1         7

RUN TIME (H.M.S): 0.0.0
End of report.  HIT RETURN:
```

# WAIT Wait Times by Clinic and Provider

The WAIT report displays minimum, maximum, and mean waiting times by provider and clinic. In order for data to print in this report, your site must be entering the actual time that the primary provider saw the patient.

You will enter a beginning visit date and ending visit date for the time reporting. Then you have the option of printing waiting times for all clinics or only specific clinics that you enter.

The sample report below includes wait times for the Internal Medicine clinic between October 1 and October 31, 1996.

```
*****************************************************************************
*   SELLS HOSPITAL/CLINIC                                  NOV 25, 1996 Page 1  *
*                                                                               *
*                     WAITING TIMES BY CLINIC AND PROVIDER                      *
*                  LOCATION OF VISITS:  SELLS HOSPITAL/CLINIC                   *
*                 REPORT DATE:  OCT 01, 1996  TO  OCT 31, 1996                  *
*****************************************************************************

CLINIC                  TOTAL   # VSTS   AVG    MIN    MAX     #       #
                        VISITS    USED   WAIT   WAIT   WAIT     EARLY   LATE
-------------------------------------------------------------------------------

INTERNAL MEDICINE       120        100     10      0     33       38      62
   BEGAY,TED             25         20     18      5     37        0      20
   MARTINEZ,LUPE         40         40      5      0     12       18      22
   SMITHEREEN,TOM        30         25     12      2     23        6      19
   QUARTZ,FLYNN          25         15      8      0     18        6       9
```

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# BILL Billing Reports

The following reports are available from the Billing Reports menu:

```
                    **********************************
                    **    PCC Management Reports    **
                    **        Billing Reports       **
                    **********************************
                              Version 3.0

                           SELLS HOSPITAL/CLINIC


  MCA    Listing of Active Medicare Part A Enrollees
  MCB    Listing of Active Medicare Part B Enrollees
  MCD    Listing of Active Medicaid Enrollees
  PI     Listing of Active Private Insurance Enrollees
  CO     Listing of Commissioned Officers and Dependents
  VIS    Listing of Potentially Billable Visits by Date
  COV    Visits by Commissioned Officers and Dependents
```

# MCA Listing of Active Medicare Part A Enrollees

This option prints a list of patients currently enrolled in Medicare Part A who are registered at the facility you select. You will enter an "as of" date for identifying those patients who are actively enrolled from the date you have specified. The report sorts alphabetically by Patient Name.

```
                          SAN XAVIER HEALTH CENTER                    Page 1
              REGISTERED PATIENTS -  ACTIVE MEDICARE PART A ENROLLEES
                        Actively enrolled as of FEB 7,1995

         NAME                          CHART #      MEDICARE #
(TYPE)        COVERAGE            ELIG BEG DATE    ELIG END DATE  DATE OF BIRTH
-------------------------------------------------------------------------------
(REG) BROWN,SUSAN                       6182       56932812361    FEB 01, 1938
(MCR) WASHINGTON,HENRY
                    A             SEP 1979
                    A             DEC 31, 1988
-------------------------------------------------------------------------------
(REG) GREEN,DARLENE                     6708       1234344441     JAN 01, 1989
(MCR) WASHINGTON,HENRY
                    A             DEC 31, 1988
-------------------------------------------------------------------------------
(REG) MARTIN,BILL                      14697       57416683018    JUN 01, 1975
(MCR)
                    A             JUL 1975
-------------------------------------------------------------------------------
```

# MCB Listing of Active Medicare Part B Enrollees

This option prints a list of patients currently enrolled in Medicare Part B who are registered at the facility you select. You will enter an "as of" date for identifying those patients who are actively enrolled from the date that you have specified. The report sorts alphabetically by Patient Name.

```
                          SAN XAVIER HEALTH CENTER                    Page 1
              REGISTERED PATIENTS -  ACTIVE MEDICARE PART B ENROLLEES
                        Actively enrolled as of FEB 7,1995

         NAME                          CHART #      MEDICARE #
(TYPE)        COVERAGE            ELIG BEG DATE    ELIG END DATE  DATE OF BIRTH
-------------------------------------------------------------------------------
(REG) BLACK,LISA                        9422       526928682144   SEP 01, 1964
(MCR)
                   B                JUL 1966
-------------------------------------------------------------------------------
(REG) BROWN,SUSAN                       6182       56932812361    FEB 01, 1938
(MCR) WASHINGTON,HENRY
                   B                SEP 1979
-------------------------------------------------------------------------------
(REG) GREEN,DARLENE                     6708       1234344441     JAN 01, 1989
(MCR) WASHINGTON,HENRY
                   B                DEC 13, 1989
-------------------------------------------------------------------------------
```

# MCD Listing of Active Medicaid Enrollees

This option prints a list of patients currently enrolled in Medicaid who are registered at the facility you select. You will enter an "as of" date for determining those patients who are actively enrolled from the date that you have specified. The report sorts alphabetically by Patient Name.

```
                        SAN XAVIER HEALTH CENTER                        Page 3
                REGISTERED PATIENTS -  ACTIVE MEDICAID ENROLLEES
                       Actively enrolled as of FEB 7,1995

PATIENT NAME                              CHART #        DATE OF BIRTH
-------------------------------------------------------------------------------
(REG) BROWN,SAM                           20829          MAY 01, 1977
(MCD)
   MEDICAID #: 517944044                                STATE: MONTANA
   NAME/INSURED:                                        SEX OF INSURED:
-------------------------------------------------------------------------------
(REG) BROWN,SUSAN                         6182           FEB 01, 1938
(MCD)
   MEDICAID #: 5276196964                               STATE: ARIZONA
   NAME/INSURED:                                        SEX OF INSURED:
   ELIG BEG DATE:   JAN 1983       COVERAGE: 11         ELIG END DATE:
-------------------------------------------------------------------------------
(REG) GREEN,DARLENE                       6708           JAN 01, 1989
(MCD) SAME
   MEDICAID #: 8888888888                               STATE: MINNESOTA
   NAME/INSURED: GREEN,DARLENE                          SEX OF INSURED: F
   ELIG BEG DATE:   JAN 31, 1990   COVERAGE:            ELIG END DATE: FEB 14, 1990
-------------------------------------------------------------------------------
```

# PI Listing of Active Private Insurance Enrollees

This option prints a list of patients currently enrolled in private insurance who are registered at the facility you select. You will enter an "as of" date for identifying those patients who are actively enrolled from the date that you specify. The report sorts alphabetically by Patient Name.

```
                          SAN XAVIER HEALTH CENTER                    Page 1
            REGISTERED PATIENTS -  ACTIVE PRIVATE INSURANCE ENROLLEES
                       Actively enrolled as of FEB 7,1995

PATIENT NAME                              CHART #        DATE OF BIRTH
-------------------------------------------------------------------------------
GREEN,ANNE                                16132           MAY 01, 1935
   INSURER:  AETNA
   POLICY #: 123456                              COVERAGE TYPE:
   INSURED:  ENOS,D                              REL:  SELF
   ELIG BEG DATE:  JAN 27, 1988                  ELIG END DATE:
-------------------------------------------------------------------------------
GREEN,DARLENE                             6708            JAN 01, 1989
   INSURER:  BLUE CROSS/BLUE SHIELD
   POLICY #: 123434444                           COVERAGE TYPE:
   INSURED:  WASHINGTON,HENRY                    REL:  SELF
   ELIG BEG DATE:  JAN 01, 1989                  ELIG END DATE:
-------------------------------------------------------------------------------

          TOTAL NUMBER OF ACTIVE PRIVATE INSURANCE ENROLLEES:  2
```

# CO Listing of Commissioned Officers and Dependents

This report lists commissioned officers and their dependents as of the current date.

page 1

SAN XAVIER HEALTH CENTER
COMM. OFFICERS & DEPENDENTS
UCI: DEV
("*" = INACTIVE)
as of FEB 7,1995@18:54:08

| Name | IHS # | SSN | CLASS. |
|---|---|---|---|
| BENSON,ELIZABETH CAROL | 22407 | 558578561 | C. O. |
| BLACK,BILL | 10050 | 520369922 | C. O. |
| BROWN,BILL | 13622 | 402522794 | C. O. |
| BROWN,SAM | 11994 | 504441570 | C. O. |
| DICKEY,ELIZABETH | 20974 | 387444460 | C. O. |
| GOETTERT,JUDY | 20923 | 562908860 | C. O. |
| GOLDBECK,ANDREW PAUL | 21037 | 143466019 | C. O. |
| HALL,JULIE PATRICIA | 20780 | 391525918 | C. O. |
| HEROLD,DOUGLAS PAUL | 21632 | 479723617 | C. O. |

# VIS Listing of Potentially Billable Visits by Date

This option prints a list of potentially billable visits for all patients registered at the facility you select. This report displays visits for the period in which the patient had third-party coverage. Only visits at the location where a patient is registered will display. Note that specific diagnostic categories which may not be covered by the patient's insurance are not considered in the report.

You may select to display visits from the following types of third-party coverage:

1. Commissioned Officers/Dependents
2. Medicare Part A
3. Medicare Part B
4. Medicaid
5. Private Insurance
6. Non-Indians
7. All Above Coverages

The following sample report shows billable visits from September 1, 1988 to February 7, 1990 for patients enrolled in Medicare Part B.

```
                          SAN XAVIER HEALTH CENTER                    Page 1
                 POTENTIALLY BILLABLE VISITS FOR Medicare Part B
                    Visit Dates:  SEP 1,1988 and FEB 7,1990


  HRCN  Patient Name                      Date of Birth          SSN
-------------------------------------------------------------------------------

14697   MARTIN,BILL                       JUN 01, 1975        527739228
        Medicare Name:                                    DOB: JUN 01, 1975
        Coverage:  B   Beg. Date: JUL 1975       End. Date:
        Medicare #: 527739228B
        Visit Date    Category       PRV ICD DX  ICD NARRATIVE
        ------------------------------------------------------------------
        JAN 01, 1990  AMBULATORY     00  465.9   ACUTE URI NOS

4500    MARTIN,LISA                       AUG 01, 1935        111991111
        Medicare Name:                                    DOB: AUG 01, 1935
        Coverage:  B   Beg. Date: MAR 21, 1987   End. Date:
        Medicare #: 111991111B
        Visit Date    Category       PRV ICD DX  ICD NARRATIVE
        ------------------------------------------------------------------
        OCT 21, 1988  AMBULATORY     00  250.00  DIABETES UNCOMPL ADU
                                         250.91  DIAB W COMPL NOS JUV
        MAR 28, 1989  AMBULATORY     52  V72.2   DENTAL EXAMINATION
        OCT 24, 1989  AMBULATORY     71  250.00  DIABETES UNCOMPL ADU
```

# COV Visits by Commissioned Officers and Dependents

This report displays visits for all commissioned officers and their dependents at the facility you are logged in to. You will specify a date range for the visits and select from the following types of visits:

1. Outpatient Visits Only
2. Inpatient Visits Only
3. Dental Visits Only
4. All Visits

**Note:** This report prints on 132-column paper or on a printer set up for condensed print.

```
            *****Confidential Patient Data Covered by Privacy Act*****

                                SELLS HOSPITAL/CLINIC
                        COMMISSIONED OFFICERS & DEPENDENTS VISITS
                                  09/01/88 TO 12/31/88
                                    OUTPATIENT VISITS

--------------------------------------------------------------------------------
Patient Name    Chart #    SSN    CO or Dep   Sponsor    SSN    Visit Date  No. Of
                                                                      Visits
--------------------------------------------------------------------------------

MARTIN,LISA       97    111991111    CO                          09/02/88
                                                                 11/22/88
                                                                 11/23/88
                                                                 12/08/88    4

                                                       TOTAL OUTPATIENT VISITS  4
```

# BMI Body Mass Index Reports

This menu provides options for producing lists and summary tables to reflect the prevalence of overweight and obese patients in a Service Unit or facility for the PCC active user population. Patients aged 2-74 are included in the reports. Height and weight measurements are used to calculate Body Mass Index (BMI). BMI is then compared to age- and sex-specific standard reference values obtained from the second National Health and Nutrition Examination Survey (NHANES II). The overweight category is determined by >= NHANES 85th percentile and the obese category is determined by >= NHANES 95th percentile.

This information is useful to Public Health Nutritionists and Dietitians and other related health and administrative personnel for program planning, monitoring, and assessing trends in the active user population. The data does not represent the general American Indian/Alaska Native population, but is useful to partially address the need for ongoing data collection and monitoring identified in the National Health Objectives for the Year 2000.

The usefulness and accuracy of these reports are directly affected by the regularity and accuracy of height and weight measurements. To be included in these reports, patient records must:

- Have a visit recorded within the past 3 years (active users)
- Have current height and weight measurements:
  - Height and weight taken on the same day within the past year (ages 2-19)
  - Height and weight taken within the past 3 years (ages 20-74)

Excluded from these reports are patient records whose BMI falls above or below the data check limit and prenatal patients.

Each of the six BMI report options allows you to use a search template of patients for generating these reports. You may use search templates created in Q-Man or any that you have created when running other PCC management reports. The following reports are available:

```
                    **********************************
                    **     PCC Management Reports   **
                    **     Body Mass Index Reports  **
                    **********************************
                              Version 3.0

                              SELLS HOSPITAL/CLINIC

  OOPT   Overweight/Obesity Prevalence Table
  LPAT   Listing of Patients with Height/Weight/BMI
  OVER   Listing of Overweight Patients
  OBES   Listing of Obese Patients
  COMB   Combined Listing of Overweight/Obese Patients
  ERR    List of Patients with Potential Ht/Wt Error
  REF    BMI Standard Reference Data Table
```

**Estimated Run Time:** These reports may require lengthy run times. Please contact your local Site Manager for help with determining which reports to queue.

## OOPT Overweight/Obesity Prevalence Table

This option reviews and counts patient records to indicate those who are overweight and obese. You may search all patient records or use a predefined search template. Result totals are available by Age or Sex.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                      OVERWEIGHT/OBESITY PREVALENCE REPORT

                              Report includes: FEMALES

       TOTAL #                                          OVERWEIGHT          OBESE
       PATIENT        AVERAGE                    (>= NHANES 85TH%)  (>= NHANES 95TH%)
AGE     RECORDS USED    BMI        RANGE            #        %          #       %
-------------------------------------------------------------------------------
2-4        786          17.8    10.9- 33.2        490      63.3        282     35.9
5-14      1778          22.7    11.4- 51.7       1022      57.5        568     31.9
15-19      486          31.1    17.3- 57.9        356      73.3        248     51.0
```

## LPAT Listing of Patients with Height/Weight/BMI

This report produces a list of all patients for the Age Range and Sex you specify. You may search all patient records or use a predefined search template. The report displays Weight, Height, Age, Sex, and BMI. The data may be sorted by Patient Name, Age, or BMI. For this report, you may suppress identifying data.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                      OVERWEIGHT/OBESITY PREVALENCE REPORT
                                PATIENT LISTING

                      Report includes: MALES & FEMALES / ALL AGES
                                                                      >=      >=
                                          DATE OF                   NHANES  NHANES
PATIENT NAME      HRN #   HEIGHT  WEIGHT WEIGHT    AGE  SEX   BMI  85TH%   95TH%
-------------------------------------------------------------------------------
WATERMAN,RAE      100444   60.0   100.0  10/05/94  60    F    20.1    N       N
CARTER,MEGAN      100117   39.4   220.5  10/01/94  39    F   103.0    Y       Y
FLINTSTONE,JUDY   100041   39.0   220.5  09/24/94  45    F   105.1    Y       Y
TOTAL NUMBER OF PATIENTS: 3
```

## OVER Listing of Overweight Patients

This report lists all patients who are considered overweight based on BMI for the Age Range and Sex you specify. The data may be sorted by Patient Name, Age, or BMI. For this report, you may suppress identifying data.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                       OVERWEIGHT/OBESITY PREVALENCE REPORT
                              LIST OF OVERWEIGHT PATIENTS

                     Report includes: MALES & FEMALES / ALL AGES
                                                                          >=     >=
                                          DATE OF                      NHANES NHANES
PATIENT NAME     HRN #  HEIGHT  WEIGHT    WEIGHT    AGE  SEX   BMI    85TH%  95TH%
-------------------------------------------------------------------------------
SMITH,JOHN M     3344    68.0    284.0 08/11/94     16   M    44.      Y      Y
ANOTHER,PATIENT  5555    66.8    194.0 02/02/94     15   M    31.5     Y      Y
```

## OBES Listing of Obese Patients

This report lists all patients who are considered obese based on BMI for the Age Range and Sex you specify. The data may be sorted by Patient Name, Age, or BMI. For this report, you may suppress identifying data.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                       OVERWEIGHT/OBESITY PREVALENCE REPORT
                                 LIST OF OBESE PATIENTS

                     Report includes: MALES & FEMALES / ALL AGES
                                                                          >=     >=
                                          DATE OF                      NHANES NHANES
PATIENT NAME     HRN #  HEIGHT  WEIGHT    WEIGHT    AGE  SEX   BMI    85TH%  95TH%
-------------------------------------------------------------------------------
SMITH,JOHN M     3344    68.0    284.0 08/11/94     16   M    44.      Y      Y
ANOTHER,PATIENT  5555    66.8    194.0 02/02/94     15   M    31.5     Y      Y
```

## COMB Combined Listing of Overweight/Obese Patients

This report lists all patients who are considered overweight or obese based on BMI for the Age Range and Sex you specify. The data may be sorted by Patient Name, Age, or BMI. For this report, you may suppress identifying data.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                        OVERWEIGHT/OBESITY PREVALENCE REPORT
                     COMBINED LIST OF OVERWEIGHT/OBESE PATIENTS

                     Report includes: MALES & FEMALES / ALL AGES
                                                                          >=     >=
                                          DATE OF                      NHANES NHANES
PATIENT NAME     HRN #  HEIGHT  WEIGHT  WEIGHT    AGE  SEX   BMI    85TH%  95TH%
-------------------------------------------------------------------------------
SMITH,JOHN M     3344    68.0    284.0 08/11/94    16   M    44.       Y      Y
ANDREWS,DOUGLAS  3333    70.3    181.5 11/23/94    16   M    26.6      Y      N
ANOTHER,PATIENT  5555    66.8    194.0 02/02/94    15   M    31.5      Y      Y
```

## ERR Listing of Patients with Potential Height/Weight Error

This report lists all patients whose Body Mass Index (BMI) falls below or exceeds the data check limits (see the BMI Standard Reference Table on the following page) for the Age Range and Sex you specify. The data may be sorted by Patient Name, Age, or BMI. For this report, you may suppress identifying data.

**Note:** These patient records should be checked for possible inaccurate height or weight entries.

```
LAB                          SELLS HOSPITAL/CLINIC                          Page 1
                        OVERWEIGHT/OBESITY PREVALENCE REPORT
                     LIST OF PATIENTS WITH BMI OUTSIDE EDIT RANGE

                     Report includes: MALES & FEMALES / ALL AGES
                                                                          >=     >=
                                          DATE OF                      NHANES NHANES
PATIENT NAME     HRN #   HEIGHT  WEIGHT WEIGHT    AGE  SEX   BMI    85TH%  95TH%
-------------------------------------------------------------------------------
BROEN,LENORE     100182   55.0     8.8 08/25/94  57    F     2.1     N      N
CARTER,MEGAN     100117   39.4   220.5 10/01/94  39    F   103.0     Y      Y
FLINTSTONE,JUDY  100041   39.0   220.5 09/24/94  45    F   105.1     Y      Y
TOTAL NUMBER OF PATIENTS: 3
```

# REF BMI Standard Reference Data Table

You can print the BMI Standard Reference Data Table with this menu option, as shown below.

| Low-High Ages | SEX | BMI >= (overwt.) | BMI >= (obese) | BMI > | BMI < |
|---|---|---|---|---|---|
| 2 - 2 | MALE | 17.4 | 18.4 | 36.8 | 7.2 |
| | FEMALE | 17.5 | 18.5 | 37.0 | 7.1 |
| 3 - 3 | MALE | 16.9 | 17.8 | 35.6 | 7.1 |
| | FEMALE | 16.7 | 17.7 | 35.4 | 6.8 |
| 4 - 4 | MALE | 16.8 | 18.1 | 36.2 | 7.0 |
| | FEMALE | 16.8 | 18.0 | 36.0 | 6.9 |
| 5 - 5 | MALE | 16.8 | 18.0 | 36.0 | 6.9 |
| | FEMALE | 17.2 | 19.6 | 39.2 | 6.8 |
| 6 - 6 | MALE | 17.5 | 21.1 | 42.2 | 7.0 |
| | FEMALE | 17.3 | 19.3 | 38.6 | 6.8 |
| 7 - 7 | MALE | 17.3 | 19.8 | 39.6 | 6.9 |
| | FEMALE | 17.8 | 19.9 | 39.8 | 6.9 |
| 8 - 8 | MALE | 18.7 | 20.8 | 41.6 | 6.9 |
| | FEMALE | 18.1 | 20.3 | 40.6 | 7.0 |
| 9 - 9 | MALE | 18.6 | 21.8 | 43.6 | 6.9 |
| | FEMALE | 19.6 | 25.2 | 50.4 | 7.1 |
| 10 - 10 | MALE | 20.4 | 24.4 | 48.8 | 7.3 |
| | FEMALE | 20.9 | 24.1 | 48.2 | 6.9 |
| 11 - 11 | MALE | 22.5 | 26.4 | 52.8 | 7.4 |
| | FEMALE | 21.6 | 26.2 | 52.4 | 7.5 |
| 12 - 12 | MALE | 21.6 | 25.0 | 50.0 | 7.5 |
| | FEMALE | 22.7 | 26.3 | 52.6 | 7.5 |
| 13 - 13 | MALE | 22.2 | 24.8 | 49.6 | 8.0 |
| | FEMALE | 23.2 | 28.5 | 57.0 | 7.6 |
| 14 - 14 | MALE | 23.1 | 25.1 | 50.2 | 8.3 |
| | FEMALE | 24.5 | 28.8 | 57.6 | 8.2 |
| 15 - 15 | MALE | 23.0 | 26.6 | 53.2 | 8.4 |
| | FEMALE | 22.6 | 26.6 | 53.2 | 8.6 |
| 16 - 16 | MALE | 25.4 | 28.0 | 56.0 | 9.1 |
| | FEMALE | 25.4 | 29.1 | 58.2 | 8.9 |

| Low-High Ages | SEX | BMI >= (overwt.) | BMI >= (obese) | BMI > | BMI < |
|---|---|---|---|---|---|
| 17 - 17 | MALE | 24.6 | 28.3 | 56.6 | 8.9 |
| | FEMALE | 25.1 | 31.3 | 62.6 | 8.7 |
| 18 - 18 | MALE | 26.0 | 29.9 | 59.8 | 9.1 |
| | FEMALE | 25.5 | 30.7 | 61.4 | 8.9 |
| 19 - 19 | MALE | 25.9 | 30.2 | 60.4 | 9.4 |
| | FEMALE | 25.9 | 29.0 | 58.0 | 9.2 |
| 20 - 74 | MALE | 27.8 | 31.1 | 62.2 | 9.7 |
| | FEMALE | 27.3 | 32.3 | 64.6 | 9.0 |

# ACT Activity Reports by Discipline Group

This set of reports provides Activity and Travel Times (in minutes) for the discipline group you select. Three discipline groups are already defined:

| Group | Discipline | Code |
|---|---|---|
| PHN | CHN/Aides | 13 |
| | CHN (Contract) | 32 |
| Mental Health | Mental Health | 19 |
| | Psychiatrist | 81 |
| | Neurologist | 85 |
| | Contract Psychologist | 50 |
| | Psychologist | 12 |
| | Contract Psychiatrist | 49 |
| Social Services | Medical Social Worker | 06 |
| | Licensed Med Social Worker | 62 |
| | Contract Social Worker | 63 |

You can define new discipline groups, as appropriate, using the CAG option. However, the only method for tracking each specific discipline is to have each provider enter an Activity Time and/or Travel Time on the PCC Encounter Form. The menu includes the following reports:

```
              ***********************************************
              **           PCC Management Reports          **
              **     Activity Reports by Discipline Group  **
              ***********************************************
                            Version 3.0

                          SELLS HOSPITAL/CLINIC


  TSPR   Time and Patient Services by Provider
  TSSU   Time and Patient Services by Service Unit
  PPPR   Primary Problem by Provider
  PPLO   Primary Problem by Facility
  PPSU   Primary Problem by Service Unit
  INPR   Number of Individuals seen by Provider
  INSU   Number of Individuals seen by Service Unit
  AGE    Patient Services by Age and Sex
  TEN    Top Ten Primary Diagnoses
  CAG    Create new Activity Discipline Group
  INQA   Inquire into an Activity Group
```

# TSPR Time and Patient Services by Provider

This report displays the number of Patient Contacts, Total Activity Time, and Total Travel Time for each Provider by Location of Encounter within the provider discipline group you select.

You will enter a beginning and ending visit date range and the discipline group.

OCT 15,1994 Page 1

PATIENT CONTACT REPORT FOR MENTAL HEALTH STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
PROVIDER: MENTAL HEALTH

| LOCATION OF ENCOUNTER | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| SELLS OTHER | 2 | 1 | 1 | 54 | 50 |
| BILLINGS ADMINISTRATION | 4 | 4 | 0 | 123 | 30 |
| SELLS HOSPITAL/CLINIC | 4 | 3 | 1 | 90 | 39 |
| TOTAL: | 10 | 8 | 2 | 267 | 119 |

* -- 1 of the visits did not have an activity time recorded.

NOTE: This report separates visits and time into individual staff member contacts. If Provider A and Provider B participated on the same visit for a patient and spent 20 minutes in that visit, that is displayed on this report as a contact for each provider and 20 minutes activity time for each provider.

RUN TIME (H.M.S): 0.0.3
End of Report - Hit return

# TSSU Time and Patient Services by Service Unit

This report displays Total Patient Contacts, Total Activity Time, and Total Travel Time for a selected discipline group and a specific Service Unit.

You will enter a beginning and ending visit date range and the Service Unit.

---

OCT 15,1994 Page 1

LOCATION OF ENCOUNTER REPORT BY SERVICE UNIT FOR PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
SERVICE UNIT: SELLS

| LOCATION OF ENCOUNTER | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| SELLS OTHER | 2 | 2 | 0 | 54 | 50 |
| SELLS HOSPITAL/CLINIC | 6 | 5 | 1 | 110 | 59 |
| TOTAL: | 8 | 7 | 1 | 164 | 119 |

* -- 2 of the visits did not have an activity time recorded.

NOTE: This report counts one visit regardless of the number of PHN staff involved in that visit, and time represents total time reported regardless of the number of staff reporting on a single PCC Encounter Form.

RUN TIME (H.M.S): 0.0.3
End of Report - Hit return

---

# PPPR Primary Problem by Provider

The PPPR report totals Primary Problems for each provider in a specified discipline group. Totals for Patient Contacts, Activity Times, and Travel Times for each diagnosis are displayed.

You will enter a beginning and ending visit date range and a discipline group.

---

OCT 15,1994 Page 1

PRIMARY PROBLEM REPORT BY PROVIDER PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
PROVIDER: COMMUNITY HEALTH NURSE,IHS

| PRIMARY PROBLEM | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| DIABETES | 2 | 1 | 1 | 54 | 50 |
| OTHER DIS OF THE NERVOUS | 4 | 4 | 0 | 123 | 30 |
| PRENATAL,FIRST TRIMESTER | 4 | 3 | 1 | 90 | 39 |
| TOTAL: | 10 | 8 | 2 | 267 | 119 |

* -- 1 of the visits did not have an activity time recorded.

NOTE: This report separates visits and time into individual staff member contacts. If Provider A and Provider B participated on the same visit for a patient and spent 20 minutes in that visit, that is displayed on this report as a contact for each provider and 20 minutes activity time for each provider.

RUN TIME (H.M.S): 0.0.3
End of Report - Hit return

---

# PPLO Primary Problem by Facility

This report totals Primary Problems for a specific discipline group and Location of Encounter. Totals for Activity Times, Travel Times, and Patient Contacts for each problem are displayed.

You will enter a beginning and ending visit date range and a discipline group.

```
OCT 15,1994                                                          Page 1
        PRIMARY PROBLEM REPORT BY LOCATION OF ENCOUNTER FOR PHN STAFF
                 VISIT DATES:  JAN 01, 1994  TO  OCT 15, 1994
                  LOCATION OF ENCOUNTER:  SELLS HOSPITAL/CLINIC

                            TOTAL        # CONTS     # CONTS
                            PATIENT      AS PRIM.    AS SEC.   ACTIVITY TRAVEL
 PRIMARY PROBLEM            CONTACTS     PROVIDER    PROVIDER  TIME*    TIME
 ---------------------------------------------------------------------------

 DIABETES                     2            1           1         54      50
 OTHER DIS OF THE NERVOUS     4            4           0        123      30
 PRENATAL,FIRST TRIMESTER     4            3           1         90      39

           TOTAL:            10            8           2        267     119


* -- 1 of the visits did not have an activity time recorded

  NOTE:  This report counts one visit regardless of the number of PHN staff
  involved in that visit, and time represents total time reported regardless
  of the number of staff reporting on a single PCC Encounter Form.

  RUN TIME (H.M.S): 0.0.3
  End of Report - Hit return
```

# PPSU Primary Problem by Service Unit

This report displays Primary Problems for a specific Service Unit. Totals are shown for Patient Contacts, Activity Times, and Travel Times for each provider within the discipline group you select.

You will enter a beginning and ending visit date range, Service Unit, and discipline group.

OCT 15,1994 Page 1

PRIMARY PROBLEM REPORT BY SERVICE UNIT
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
SERVICE UNIT: SELLS

| PRIMARY PROBLEM | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| DIABETES | 2 | 1 | 1 | 54 | 50 |
| OTHER DIS OF THE NERVOUS | 4 | 4 | 0 | 123 | 30 |
| PRENATAL,FIRST TRIMESTER | 4 | 3 | 1 | 90 | 39 |
| TOTAL: | 10 | 8 | 2 | 267 | 119 |

* -- 1 of the visits did not have an activity time recorded

NOTE: This report counts one visit regardless of the number of PHN staff involved in that visit, and time represents total time reported regardless of the number of staff reporting on a single PCC Encounter Form.

RUN TIME (H.M.S): 0.0.3
End of Report - Hit return

# INPR Number of Individuals Seen by Provider

This report displays the number of individuals seen by each provider within a discipline by Location of Encounter for the discipline group you select.

You will be prompted to enter the beginning and ending visit dates and discipline group.

OCT 15,1994 Page 1

NUMBER OF INDIVIDUALS SEEN REPORT FOR PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994 COMMUNITY HEALTH PROVIDER:
PROVIDER: COMMUNITY HEALTH PROVIDER,IHS

| | TOTAL NUMBER OF INDIVIDUALS SEEN |
|---|---|
| SELLS OTHER | 101 |
| BILLINGS ADMINISTRATION | 99 |
| SELLS HOSPITAL/CLINIC | 250 |
| TOTAL: | 450 |

# INSU Number of Individuals Seen by Service Unit

This report displays the number of individuals seen by providers within a discipline group you select for a specified Service Unit.

You will be prompted to enter the beginning and ending visit dates and the discipline group.

OCT 15,1994 Page 1

NUMBER OF INDIVIDUALS SEEN REPORT FOR PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994 COMMUNITY HEALTH NURSE:
SERVICE UNIT: SELLS

| | TOTAL NUMBER OF INDIVIDUALS SEEN |
|---|---|
| SANTA ROSA CLINIC | 99 |
| SELLS OTHER | 101 |
| SELLS HOSPITAL/CLINIC | 250 |
| TOTAL: | 450 |

# AGE Patient Services by Age and Sex

The AGE report displays activity and travel times by Age and Sex for all visits in the discipline group you select. You will be prompted to enter beginning and ending visit dates and to specify the age groups.

OCT 15,1994 Page 1

TIME AND PATIENT SERVICES REPORT BY AGE AND SEX FOR PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
SEX: FEMALE

| AGE GROUP | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| 0-0 years | 15 | 15 | . | 100 | . |
| 1-4 years | 30 | 25 | 5 | 50 | . |
| 5-14 years | 10 | 5 | 5 | 100 | . |
| 15-19 years | 30 | 20 | 5 | 240 | 30 |
| 20-24 years | . | . | . | . | . |
| 25-44 years | . | . | . | . | . |
| 45-64 years | 50 | 30 | 20 | 500 | 100 |
| >64 years | . | . | . | . | . |
| TOTAL: | 135 | 95 | 35 | 990 | 130 |

* -- 1 of the visits did not have an activity time recorded.

OCT 15,1994 Page 2

TIME AND PATIENT SERVICES REPORT BY AGE AND SEX FOR PHN STAFF
VISIT DATES: JAN 01, 1994 TO OCT 15, 1994
SEX: MALE

| AGE GROUP | TOTAL PATIENT CONTACTS | # CONTS AS PRIM. PROVIDER | # CONTS AS SEC. PROVIDER | ACTIVITY TIME* | TRAVEL TIME |
|---|---|---|---|---|---|
| 0-0 years | 15 | 15 | . | 100 | . |
| 1-4 years | 30 | 25 | 5 | 50 | . |
| 5-14 years | 10 | 5 | 5 | 100 | . |
| 15-19 years | 30 | 20 | 5 | 240 | 30 |
| 20-24 years | . | . | . | . | . |
| 25-44 years | . | . | . | . | . |
| 45-64 years | 50 | 30 | 20 | 500 | 100 |
| >64 years | . | . | . | . | . |
| TOTAL: | 135 | 95 | 35 | 990 | 130 |

* -- 1 of the visits did not have an activity time recorded.

# TEN Top Ten Primary Diagnoses

This report displays the top ten primary purposes for visits by providers within the discipline group you select. The report generates for a specified Service Unit.

You will be prompted to enter the beginning and ending visit dates.

```
APR 10, 1996                                                          Page 1
              TOP TEN PRIMARY DX REPORT BY SERVICE UNIT PHN STAFF
                 VISIT DATES:  JAN 01, 1995  TO  JAN 31, 1995
                              SERVICE UNIT:  SELLS

PRIMARY DX                              TOTAL PATIENT CONTACTS
-------------------------------------------------------------------------------

WELL CHILD CARE                                    19
DIABETES                                           14
HYPERTENSION                                        8
GENERAL/MULTIPLE                                    6
PRENATAL, FIRST TRIMESTER                           4
OTHER SUBSTANCE ABUSE                               3
TUBERCULOSIS, REACTOR/CONV                          2
SCABIES                                             1

RUN TIME (H.M.S): 0.2.16
End of report.  HIT RETURN:
```

## CAG Create new Activity Discipline Group

This option provides you with a means to define and create a new discipline group. Once the new group is created and providers within that discipline record their activity and travel times on the PCC Encounter Form, activity reports can be generated for the new discipline group.

```
Select PCC MAN REPORTS ACTIVITY GROUP NAME OF GROUP: NURSES
  ARE YOU ADDING 'NURSES' AS A NEW PCC MAN REPORTS ACTIVITY
GROUP (THE 4TH)? Y  (YES)
NAME OF GROUP: NURSES//
Select DISCIPLINES IN GROUP: 05  LICENSED PRACTICAL NURSE
  ARE YOU ADDING 'LICENSED PRACTICAL NURSE' AS
    A NEW DISCIPLINES IN GROUP (THE 1ST FOR THIS PCC MAN REPORTS ACTIVITY
GROUP)? Y  (YES)
Select DISCIPLINES IN GROUP: 01  REGISTERED NURSE
  ARE YOU ADDING 'REGISTERED NURSE' AS
    A NEW DISCIPLINES IN GROUP (THE 2ND FOR THIS PCC MAN REPORTS ACTIVITY
GROUP)?  Y  (YES)
```

## INQA Inquire into an Activity Group

This option enables you to view an established activity group.

```
NAME OF GROUP: PHN                        ICD RECODE ROUTINE: APCLRCHA
  RECODE GLOBAL: AUTTCHA                  PIECE FOR DESC. IN RECODE FILE: 3
  STANDARD: YES
DISCIPLINES IN GROUP: CHN/AIDES           DISCIPLINE CODE: 13
DISCIPLINES IN GROUP: CHN (CONTRACT)      DISCIPLINE CODE: 32

Select PCC MAN REPORTS ACTIVITY GROUP NAME OF GROUP:
```

This page intentionally left blank.

# CNTS Count Summary Reports

These report options provide counts of patients based upon clinical data. All of the reports available from the Count Summary menu shown below provide tallies by Diagnosis or Purpose of Visit.

```
                    ***********************************
                    **     PCC Management Reports    **
                    **       Count Summary Menu      **
                    ***********************************
                              Version 3.0

                             SELLS HOSPITAL/CLINIC


  DXAG   Diagnoses by AGE report
  DXFA   DX Tally by Local, Secondary, Tertiary Facility
  FPRC   Frequency of Procedures Report
  PAPC   Purpose of Visits grouped by APC codes
  TEN    Frequency of Diagnoses Report
```

# DXAG Diagnoses by Age Report

This report lists and counts diagnoses (ICD) by Age Group. You will enter the visit date range and whether to select visits by any of the following criteria:

- Patient Age
- Facility of Encounter
- Clinic Type
- Type of Visit
- Patient Sex
- Primary Provider
- Service Category

You must also indicate whether all purposes of visits or only the primary purpose of visits are to be included in the report.

Age group categories have been predefined; however, you may modify the categories as needed.

**Note:** This report must print on 132-column paper or on a printer set up for condensed print.

```
SELLS HOSPITAL/CLINIC
Diagnoses by Age Report
  Visit Dates: JAN 01, 1994 to MAR 29, 1994     Type of Visit: ALL     Service
Category: ALL
  Location of Encounter: ALL                    Clinic: ALL            Sex of
Patient: BOTH
  Primary Provider: ALL                         Purpose of Visits: Primary and
Secondary

AGE GROUPS
ICD Code ICD Narrative  0-0  1-4 5-14 15-19   20-24   25-44   45-64   65-125  TOTAL
250.00   DIABETES UNCO   .    .    .     .       5      20      45      30      100
401.9    HYPERTENSION    .    .    .     .       5      20      45      30      100
669.70   CESAREAN DELIV  .    .    .     .       2       1       .       .        3
818.0    FX ARM MULT/NOS .    .    .     .       5      20      45      30      100
TOTAL                    .    .    .     .      17      61     135      90      303
```

# DXFA DX Tally by Local, Secondary, Tertiary Facility

This report presents a tally of all diagnoses for patients in a single community, a group of communities, or all communities in your Service Unit. The report counts the diagnoses for the community's local, secondary, and tertiary facilities. Each community's report will be 2 pages long–1 page for outpatient diagnoses and 1 for inpatient diagnoses.

You will first identify your Service Unit and enter a visit date range for the report. Then specify whether you want the report to include one community, all communities, or a specific group of communities.

**Note:** This report must print on 132-column paper or on a printer set up for condensed print.

A sample report is shown below. The report was run for the Sells Community, January 1, 1995 through January 15, 1995.

---

Apr 19, 1996 Page 1

***** DIAGNOSES TALLY BY COMMUNITY/FACILITY *****

Jan 01, 1995 to Jan 15, 1995

COMMUNITY: SELLS

OUTPATIENT DIAGNOSES

| SAN XAVIER HEALTH CENTER | | | SELLS HOSPITAL/CLINIC | | | PHOENIX IND MED CTR FAC | | |
|---|---|---|---|---|---|---|---|---|
| DIAGNOSIS/POV | (ICD CODES) | | DIAGNOSIS/POV | (ICD CODES) | | DIAGNOSIS/POV | (ICD CODES) | |
| DM UNCOMPL/T-II/NIDD | (250.00) | 15 | DM UNCOMPL/T-II/NIDD | (250.00) | 20 | DEPRESSIVE DISORDER | (311.) | 5 |
| UNCODED DIAGNOSIS | (.9999) | 10 | DENTAL EXAMINATION | (v72.2) | 18 | DM UNCOMPL/T-II/NIDD | (250.00) | 4 |
| NONDEP ALCOHOL ABUSE | (305.00) | 8 | DEPRESSIVE DISORDER | (311.) | 7 | DENTAL EXAMINATION | (V72.2) | 2 |
| HYPERTENSION NOS | (401.9) | 7 | HYPERTENSION NOS | (401.9) | 6 | | | |
| GENERAL MEDICAL EXAM | (V70.9) | 7 | OTITIS MEDIA NOS | (382.9) | 6 | | | |
| OTITIS MEDIA NOS | (382.9) | 5 | GENERAL MEDICAL EXAM | (V70.9) | 2 | | | |
| | | | DIABETIC RETINOPOTHY | (362.01) | 2 | | | |

OUTPATIENT MAJOR DIAGNOSTIC CATEGORIES

| SAN XAVIER HEALTH CENTER | | SELLS HOSPITAL/CLINIC | | PHOENIX IND MED CTR FAC | |
|---|---|---|---|---|---|
| DIAGNOSIS/POV (ICD CODES) | | DIAGNOSIS/POV (ICD CODES) | | DIAGNOSIS/POV (ICD CODES) | |
| ENDOCRINE,NUTRIT,METABOLIC | 12 | ENDOCRINE,NUTRIT,METABOLIC | 20 | MENTAL DISEASES & DISORDERS | 5 |
| HEALTH STATUS FACTORS | 12 | CIRCULATORY SYSTEM | 15 | ENDOCRINE,NUTRIT,METABOLIC | 4 |
| INJURY,POISONING,DRUG TOX | 8 | SUBSTANCE USE & DISORDERS | 8 | EAR, NOSE, MOUTH & THROAT | 1 |
| RESPIRATORY SYSTEM | 5 | MUSCULOSKELETAL & CONNECTIVE | 8 | | |
| DIGESTIVE SYSTEM | 1 | NEWBORNS & NEONATES | 6 | | |

***** DIAGNOSES TALLY BY COMMUNITY/FACILITY *****
Jan 01, 1995 to Jan 15, 1995
COMMUNITY: SELLS

INPATIENT DIAGNOSES

| SAN XAVIER HEALTH CENTER | | | SELLS HOSPITAL/CLINIC | | | PHOENIX IND MED CTR FAC | | |
|---|---|---|---|---|---|---|---|---|
| DIAGNOSIS/POV | (ICD CODES) | | DIAGNOSIS/POV | (ICD CODES) | | DIAGNOSIS/POV | (ICD CODES) | |
| DM UNCOMPL/T-II/NIDD | (250.00) | 5 | HYPERTENSION NOS | (401.9) | 4 | ACUTE URI NOS | (465.9) | 2 |
| TOBACCO USE DISORDER | (305.1) | 2 | CLOSED SKULL VAULT F | (800.00) | 2 | BLOOD IN STOOL | (578.1) | 1 |
| OLD LACERATION OF CE | (622.3) | 1 | TRAUM ARTHROPATHY-UP | (716.12) | 1 | DYSURIA | (788.1) | 1 |
| URIN TRACT INFECTION | (599.0) | 1 | HEADACHE | (784.0) | 1 | RENAL COLIC | (788.0) | 1 |

INPATIENT MAJOR DIAGNOSTIC CATEGORIES

| SAN XAVIER HEALTH CENTER | | SELLS HOSPITAL/CLINIC | | PHOENIX IND MED CTR FAC | |
|---|---|---|---|---|---|
| DIAGNOSIS/POV | (ICD CODES) | DIAGNOSIS/POV | (ICD CODES) | DIAGNOSIS/POV | (ICD CODES) |
| ENDOCRINE,NUTRIT,METABOLIC | 5 | NERVOUS SYSTEM | 4 | CIRCULATORY SYSTEM | 4 |
| KIDNEY & URINARY TRACT | 3 | HEALTH STATUS FACTORS | 3 | EAR, NOSE, MOUTH & THROAT | 2 |
| DIGESTIVE SYSTEM | 1 | MUSCULOSKELETAL & CONNECTIVE | 1 | | |
| FEMALE REPRODUCTIVE SYSTEM | 1 | | | | |

RUN TIME (H.M.S): 0.0.28
End of report. HIT RETURN:

# FPRC Frequency of Procedures Report

The Frequency of Procedures Report displays the most frequent diagnoses for a specified date range and selected visit criteria.

First, identify the visit date range and the number of most frequent diagnoses you want to display (for example, top 5 or top 10).

Next, if you would like a more specific report, you can select the visits to include by entering any combination of the data items in the list below. To select criteria, type "S" at the action prompt and press return. Then enter the numbers that correspond to the data items of interest. You can enter a list or range of numbers; e.g., 3,8,18-21,12. You will then be prompted to identify the specific parameters for each data item you selected, as applicable; for example, if you selected age, you would be prompted to enter an age range. When you have finished defining these parameters, you will be returned to the selection list. You can make any changes to your selections if needed, or type "Q" and press return to generate the report. Note that if you would like the report to include all visits within the specified date range, type "Q" at the action prompt and press return to bypass the visit selection screen.

**Visit Selection Criteria**

1) Name
2) Sex
3) Date of Birth
4) Age
5) Date of Death
6) Living Pts
7) Chart Facility
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Medicare
13) Medicaid
14) Private Insurance
15) Medicaid Plan Name
16) Pvt Ins Plan Name
17) Priv Ins Verified
18) Desig Prim Care Prov
19) EDC
20) Date EDC Determined
21) Contraception Method
22) EDC Determination
23) Last Menstrual Period
24) Time of Visit
25) Type (IHS,638,etc.)
26) Service Category
27) Visit Location
28) Service Unit of Patient
29) Outside Location
30) Clinic Type
31) Admitting Service
32) Discharge Service
33) Appt/Walk-In
34) Level of Service
35) Eval&Management CPT
36) Length of Stay
37) Primary Prov Name
38) Prim/Sec Prov Name
39) Prim Prov Discipline
40) Prim/Sec Prov Disc
41) Prim Prov Affil
42) Prim/Sec Prov Affil
43) Diagnosis Code
44) Primary Dx (POV)
45) Stage of Dx (POV)
46) Problem List Dx
47) Alcohol/Work Related
48) Cause of Dx (POV)
49) Cause of Injury
50) Place of Injury
51) Operation Code
52) Dental ADA Codes
53) Immunizations
54) Treatments Provided
55) Lab Tests
56) Medications
57) CPT Code
58) Exclude Inactive Pts
59) Inactive Patients
60) Excl Incomplete Visits
61) Operating Provider

The following sample report includes all visits for September 1, 1994 to September 30, 1994. A cover page that lists the date range and selection criteria prints with each report.

```
           ********** FREQUENCY OF PROCEDURES REPORT **********

REPORT REQUESTED BY: BROWN,AMANDA

The following report contains a PCC Visit report based on the following
criteria:

VISIT Selection Criteria

      Encounter Date range:  SEP 1, 1994 to SEP 30, 1994

ALL VISITS IN DATE RANGE SELECTED.

Total COUNT of Visits:  43



                ***** FREQUENCY OF PROCEDURES REPORT *****

Starting date: SEP 1,1994         Ending date: SEP 30,1994

No. VISITs: 43     No. PROCEDURES: 43       PROCEDURE/VISIT ratio: 1.00

TOP 10 PRC's =>
    1.  LARYNX CYST MARSUPIALIZ  (10)
    2.  OTHER HERNIA REPAIR  (9)
    3.  REMOVE HEAD/NECK SUTURES (8)
    4.  SPINAL TAP  (5)
    5.  OTITIS MEDIA NOS  (4)
    6.  APPENDECTOMY  (4)
    7.  ARTHROT PROS REMOV NOS  (3)
```

**Estimated Run Time:** Run time is a function of the date range selected and may be lengthy. Please contact your local Site Manager with questions about queuing this report.

# PAPC Purpose of Visits Grouped by APC Codes

This report provides a count of Purposes of Visits categorized by APC recode for a selected visit date range. You may restrict the count to residents of a selected Community. Within APC recode, you may choose to subtotal the counts by ICD Code.

You must enter starting and ending visit dates, a specific Community of Residence (ignored if not specified), and the maximum number of ICD POVs to include in each APC category for subtotaling. If you enter "0" for the maximum number of ICD POVs for each APC category, the report displays counts by APC recode only.

Included in this report are all visits that have a service category of Ambulatory. Contract and VA visits are excluded.

```
SAN XAVIER HEALTH CENTER                                  FEB 6,1995    Page 1

POV Counts for Ambulatory Visits from SEP 1,1994 through SEP 30,1994.
ICD9 Subcounts are restricted to the leading 3 Purposes of Visit.

APC    APC Category                                                 Count
-------------------------------------------------------------------------

300    UPPER RESPIRATORY INFECTION                                   7

       ICD9   ICD9 Description
       ------ ------------------------
       465.9  ACUTE URI NOS                                          6
       460.   ACUTE NASOPHARYNGITIS                                  1

827    OTHER PROBLEMS                                                6

       ICD9   ICD9 Description
       ------ ------------------------
       V68.1  ISSUE REPEAT PRESCRIPT                                 3
       V65.4  COUNSELING NEC                                         2
       V64.0  NO VACCIN/CONTRAINDICAT                                1

283    HYPERTENSIVE DISEASE                                          5

       ICD9   ICD9 Description
       ------ ------------------------
       401.9  HYPERTENSION NOS                                       5

819    PREVENTIVE HEALTH SERVICE

       ICD9   ICD9 Description
       ------ ------------------------
       V72.2  DENTAL EXAMINATION                                     4
       V07.9  PROPHYLACTIC MEASURE NOS                               1
```

**Estimated Run Time:** Run time is a function of the date range selected and may be lengthy. Please contact your local Site Manager with questions about queuing this report.

# TEN Frequency of Diagnoses Report

The Frequency of Diagnoses Report displays the most frequent diagnoses for a specified visit date range and selected visit criteria.

First, identify the visit date range and the number of most frequent diagnoses to display (for example, top 5 or top 10).

Next, if you would like a more specific report, you can select the visits to include by entering any combination of the data items in the list below. To select criteria, type "S" at the action prompt and press return. Then enter the numbers that correspond to the data items of interest. You can enter a list or range of numbers; e.g., 3,8,18-21,12. You will then be prompted to identify the specific parameters for each data item you selected, as applicable; for example, if you selected age, you would be prompted to enter an age range. When you have finished defining these parameters, you will be returned to the selection list. You can make any changes to your selections if needed, or type "Q" and press return to generate the report. Note that if you would like the report to include all visits within the specified date range, type "Q" at the action prompt and press return to bypass the visit selection screen.

**Visit Selection Criteria**

1) Name
2) Sex
3) Date of Birth
4) Age
5) Date of Death
6) Living Pts
7) Chart Facility
8) Community
9) Tribe
10) Eligibility Status
11) Beneficiary Class
12) Medicare
13) Medicaid
14) Private Insurance
15) Medicaid Plan Name
16) Pvt Ins Plan Name
17) Priv Ins Verified
18) Desig Prim Care Prov
19) EDC
20) Date EDC Determined
21) Contraception Method
22) EDC Determination
23) Last Menstrual Period
24) Time of Visit
25) Type (IHS,638,etc.)
26) Service Category
27) Visit Location
28) Service Unit of Patient
29) Outside Location
30) Clinic Type
31) Admitting Service
32) Discharge Service
33) Appt/Walk-In
34) Level of Service
35) Eval&Management CPT
36) Length of Stay
37) Primary Prov Name
38) Prim/Sec Prov Name
39) Prim Prov Discipline
40) Prim/Sec Prov Disc
41) Prim Prov Affil
42) Prim/Sec Prov Affil
43) Diagnosis Code
44) Primary Dx (POV)
45) Stage of Dx (POV)
46) Problem List Dx
47) Alcohol/Work Related
48) Cause of Dx (POV)
49) Cause of Injury
50) Place of Injury
51) Operation Code
52) Dental ADA Codes
53) Immunizations
54) Treatments Provided
55) Lab Tests
56) Medications
57) CPT Code
58) Exclude Inactive Pts
59) Inactive Patients
60) Excl Incomplete Visits
61) Operating Provider

You will then be presented with the option of including only primary purposes of visits or all purposes of visits in the report. Finally, you will select the output type. You can choose a list format or a bar graph.

**Note:** If you choose to print a bar graph, you must print the report on 132-column paper.

The following sample report in list format includes all visits from June 29, 1994 to September 27, 1994. Each report includes a cover page that prints the date range entered and the visit selection criteria.

```
           ********** FREQUENCY OF DIAGNOSES REPORT **********

REPORT REQUESTED BY: BROWN,AMANDA

The following report contains a PCC Visit report based on the following
criteria:

VISIT Selection Criteria

      Encounter Date range:  JUN 29, 1994 to SEP 27, 1994

     ALL VISITS IN DATE RANGE SELECTED.

     ALL (Primary and Secondary) POV's included.

Total COUNT of Visits:  122


           ********** FREQUENCY OF DIAGNOSES REPORT **********

Starting date: SEP 1,1994         Ending date: SEP 30,1994


No. VISITs: 82    No. POVs: 122     POV/VISIT ratio: 1.49 (min. std. > 1.6)

TOP 10 POV's =>
    1.  ACUTE URI NOS  (10)
    2.  DIABETES UNCOMPL ADULT/NIDDM  (9)
    3.  NONINF GASTROENTERIT NEC  (8)
    4.  HYPERTENSION NOS  (5)
    5.  OTITIS MEDIA NOS  (4)
    6.  DENTAL EXAMINATION  (4)
    7.  SINGLE LIVEBORN-IN HOSP  (3)
    8.  ISSUE REPEAT PRESCRIPT  (3)
    9.  HYPOVOLEMIA  (2)
   10.  CHRONIC SINUSITIS NOS  (2)

TOP 10 DIAGNOSTIC CATEGORIES =>
    1.  EAR, NOSE & THROAT   (19)
    2.  HEALTH STATUS FACTORS   (18)
    3.  SKIN,BREAST,SUBCUTANEOUS T   (15)
    4.  DIGESTIVE SYSTEM   (14)
    5.  ENDOCRINE,NUTRIT,METABOLIC   (11)
    6.  EYE   (9)
    7.  CIRCULATORY SYSTEM   (7)
    8.  MUSCULOSKELETAL & CONNECTIVE T   (6)
    9.  PREGNANCY,CHLDBRTH,PUERPERIUM   (6)
   10.  NEWBORNS & NEONATES   (6)
```

**Estimated Run Time:** Run time is a function of the date range selected and may be lengthy. Please contact your local Site Manager with questions about queuing this report.

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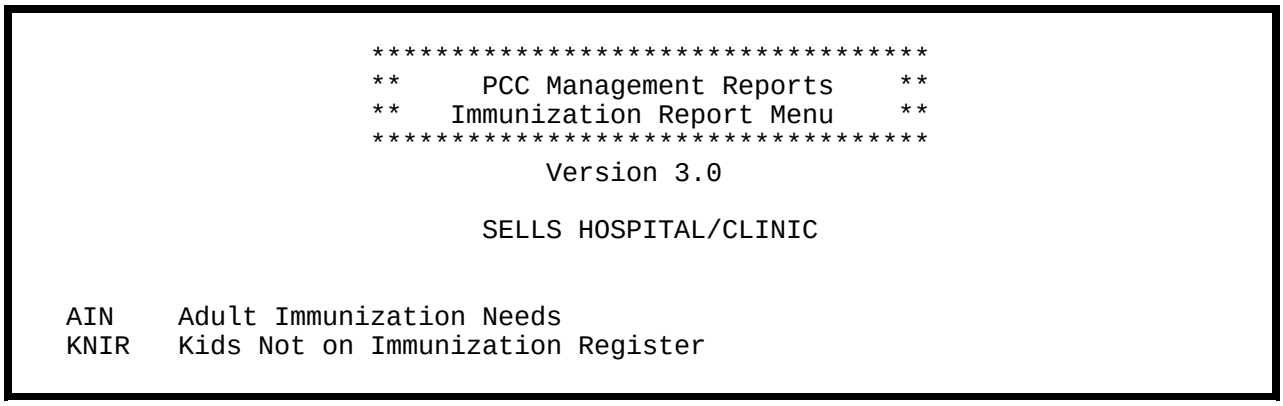
# IMM Immunization Reports

The following immunization reports are available from the Immunization Report menu. These reports address the immunization needs of the adults and children at your facility.



# AIN Adult Immunization Needs

This report displays the most recent Td, Pneumococcal, and Influenza Vaccinations for Adults considered to be at high risk. Prior to running this report, you must use Q-Man to create a cohort (template) of patients to search. Developing a cohort of high-risk adults typically consists of selecting living patients who are over age 65 or who have one or more specific chronic diseases.

The following sample report was generated using a search template of patients over 65 years old.

SELLS HOSPITAL/CLINIC Apr 10, 1996 Page 1

******** ADULT IMMUNIZATION NEEDS ********

| PATIENT NAME | SELLS NUMBER | COMMUNITY | AGE | LAST Td | LAST FLU | LAST PNEUMOVAX |
|---|---|---|---|---|---|---|
| THATCHER,STEPHEN | 60091 | AJO | 80 | | | |
| WINKERBEAN,ALLISON | 101387 | AKCHIN | 71 | 10/22/85 | 10/24/89 | |
| CARPENTER,LAURA | 100089 | ARTESA | 65 | | | |
| BURR,JOANNE | 100185 | BIG FIELDS | 76 | 06/19/86 | | 06/19/86 |
| BUSH,JUSTIN | 102779 | BIG FIELDS | 75 | | 10/25/89 | 08/14/87 |
| JONES,TANYA | 100902 | CHUICHU | 77 | | 11/28/89 | 11/28/89 |
| GREENJEANS,BERTHA | 101459 | PISINIMO | 68 | 05/29/86 | | 05/29/86 |
| CARTER,JULIE | 100061 | RIPLEY | 68 | | | |
| ROBERTS,FLORENCE | 102494 | SAN MIGUEL | 94 | 12/20/89 | 10/20/88 | |
| CARTER,AMANDA | 101136 | SAN PEDRO | 68 | 07/15/85 | 10/25/89 | 09/24/86 |
| THATCHER,HENRY | 102449 | SAN PEDRO | 67 | 10/22/86 | 01/14/87 | |
| GRANT,DOREEN | 100321 | SAN SIMON | 75 | 04/21/87 | 11/09/88 | |
| WINKERBEAN,AMY | 103131 | SAN SIMON | 68 | 04/12/85 | 10/20/89 | 11/17/86 |
| WINKERBEAN,PRISCILLA | | SAN XAVIER | 70 | | 11/01/89 | |
| BURR,THOMAS | 102880 | SANTA ROSA | 90 | | 10/27/87 | |
| RUBBLE,BETH | 100823 | SANTA ROSA | 74 | 12/30/88 | 12/30/88 | |
| GREEN,DANIEL | 101786 | SELLS | 74 | | 11/16/88 | |
| SMITH,GINA | 102369 | SELLS | 79 | 01/31/90 | 11/03/89 | 10/02/85 |
| SMITH,WALLY | 102854 | SELLS | 72 | 08/31/87 | 10/28/88 | 04/14/89 |
| WHEELWRIGHT,GRETCHEN | 102331 | SELLS | 69 | 04/04/89 | 10/25/89 | |
| SMITH,VERONICA | 100332 | TOPAWA | 77 | | 10/25/89 | 10/13/88 |
| THATCHER,ROGER | 102810 | TOPAWA | 79 | 01/20/86 | | 01/09/90 |
| VON BRAUN,JUSTIN | 60005 | TOPAWA | 82 | | | |
| BROEN,LAVERNE | 102151 | VAMORI | 72 | 08/07/86 | 11/01/89 | 07/15/87 |
| JEFFERSON,LISA | 102826 | VAMORI | 68 | 09/15/88 | 12/14/87 | |
| MUSTARD,LENORE | 100775 | VAMORI | 90 | | 12/15/89 | 11/16/87 |

End of report. HIT RETURN:

# KNIR Kids Not on Immunization Register

This report lists all children in a specified age range who are not in the immunization register. You will enter an age range and select a particular community, a group of communities, or all communities.

The sample report below shows children ages 5 to 8 in the Achi and Ajo communities who are not on the immunization register.

```
     WARNING:  CONFIDENTIAL PATIENT INFORMATION, PRIVACY ACT APPLIES

   SELLS HOSPITAL/CLINIC                                    Apr 10, 1996  Page 1
            ********  CHILDREN NOT ON IMMUNIZATION REGISTER  ********

Community: ACHI
---------------

HANCOCK,JOE            (101987)   Aug 02, 1989    6 Years         MALE

                Nov 09, 1989  1 DPT, 1 OPV
                Jan 11, 1990  2 DPT, 2 OPV


WATERMAN,REBECCA       (101884)   Jul 09, 1988    7 Years         FEMALE

                Aug 18, 1988  1 DPT, 1 OPV
                Nov 21, 1988  2 DPT, 2 OPV
                Jan 12, 1989  3 DPT, 3 OPV
                Nov 09, 1989  MEASLES, RUBELLA, MUMPS, 1 MMR
                Jan 11, 1990  4 DPT, 4 OPV, HIB PRP-CRM

Community: AJO
--------------

BROWN,RUTH             (60146)    Jul 01, 1987    8 Years         FEMALE

            No prior immunizations listed


BURR,CURT              (102003)   Sep 12, 1989    6 Years         MALE

                Feb 07, 1990  1 DPT, 1 OPV

LINCOLN,NORMAN         (102027)   Dec 02, 1989    6 Years         MALE

                Jan 11, 1990  1 DPT, 1 OPV
```

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# DR PCC Patient Data Retrieval Utility

This utility uses scripts to retrieve patient information from the PCC. Upon entering this option you will be asked for a patient's name. You will enter a script to retrieve patient clinical or demographic information.

## SCRIPT CREATION

A script is an instruction to the PCC Data Retrieval Utility to obtain patient information from the PCC database. Both demographic and clinical information may be retrieved for a patient.

### Demographic Data

To obtain demographic data for a patient, the first word you enter must be either PT or PATIENT. Then enter the type of information you desire. If the text you enter is ambiguous, you will not receive a value in return. For example, you may enter the following:

- PT NAME
- PT CURRENT COMMUNITY
- PT AGE
- PT DOB
- PT TRIBE OF MEM

This above list includes patient demographic data items that are most frequently requested. You may ask for other demographic information as well.

### Clinical Data

Scripts may be used to retrieve clinical data. The following sample scripts show some of the types of information you can retrieve from the PCC database.

```
LAST 3 MEAS BP;DURING 1991 - RETURNS LAST 3 BLOOD PRESSURES
                             TAKEN DURING 1991
LAB GLUCOSE;ON SEP 3, 1992 - RETURNS ALL GLUCOSES TAKEN ON
                            SEPT 3, 1992
FIRST ACTIVE.PROBLEM - RETURNS FIRST ACTIVE PROBLEM FROM THE
                       PROBLEM LIST; DATE DETERMINED BY DATE
                       ENTERED OR LAST MODIFIED
LAST IMMUN PNEUMOVAX - RETURNS LAST PNEUMOVAX GIVEN
```

The script on the previous page can be broken down into its four component parts for further explanation. LAST 3 MEAS BP; DURING 1991 will be used for this example.

```
LAST 3          - Limits occurrences; use first, last, or all.
                - Can indicate number of instances.
                - Optional; if not used system will default to 'all.'
MEAS            - Data Class; i.e., AS LABS, POV, ADA.CODE.
BP              - Optional; what you are looking for within the data class
                - If not indicated, system will look at all values within
                  data class.
DURING 1991     - Optional use of date parameters.
```

These four components are explained in detail below.

**Limiting Occurrences: Use of First, Last, and All**

The first word of the script must be either FIRST, LAST, or ALL. If FIRST, LAST, or ALL is not entered, then the system will assume you mean ALL. You may specify the number of occurrences for which a particular value should be retrieved; for example, FIRST 3 or LAST 2.

**Data Class**

The second word in the script can be LAB, RX, ADA.CODE, EXAM, VISIT, POV, MEASUREMENT, PROCEDURES, SKIN.TEST, IMMUNIZATION, RADIOLOGY, EDUCATION, ACTIVE.PROB, INACTIVE.PROB, FAMILY.HISTORY, PERSONAL.HISTORY, or HEALTH.FACTORS. The second word is known as the data class. If the data class has more than one word, each word must be separated by a period when entered into the script; for example, ADA.CODE. However, you do not have to enter a second word for any of the scripts because the first word is enough for the data retriever to know what class you are selecting. Many of the classes, such as DENTAL SERVICES and MEDICATIONS, have acronyms. In most instances, you need only enter the first few identifying characters of a data class. For instance, if you wanted to specify ACTIVE PROBLEMS, you may enter ACT instead of spelling it out. The data retriever would recognize these three letters as ACTIVE PROBLEMS.

**Value within the Data Class**

The third word is the value, or what you are looking for, within the data class. For example, the value would be a lab test for labs and an ADA CODE for dental services. Also, instead of entering an ICD9 code, you may enter a narrative such as DIABETES or DM.

**Date Parameters**

You may restrict the date range from which to retrieve patient information by placing a semicolon (;) at the end of the script followed by a restriction on the date, such as on, equals, before, during, between, or a symbol (>, <, < >, =). You may then enter an exact date or a range of dates by placing a dash (-) between the two dates. Dates must be in standard fileman format. You may enter the month and year or year only in addition to full dates. (See the sample scripts on the following page for examples of entering date parameters.)

**Taxonomy Creation**

If an asterisk (*) is entered for the value within the data class, you will be asked for multiple values associated with the selected data class. You could then enter a range of ICD9 codes for POVs or multiple ADA CODES, for example. Not all data classes allow entry of more than one value. Available data classes for taxonomy creation are: diagnosis, ADA code, RX, procedure (medical), patient education topic, and health factors. You may store these multiple values in a taxonomy, if you choose. Then you may enter the name of the taxonomy prefaced by a left square bracket ([) as an indication of the desired values to be retrieved.

The following report shows the data received from the sample script.

```
Select PATIENT NAME:    WATERMAN,RAE JESSICANN
                                      F 11-10-70 532380546   SE 333333

ENTER SCRIPT: LAST 3 MEAS BP

VISIT DATE: 06/23/1993    VALUE: 120/90      TYPE: BP
VISIT DATE: 03/04/1993    VALUE: 100/80      TYPE: BP
VISIT DATE: 08/25/1992    VALUE: 120/80      TYPE: BP

ENTER SCRIPT: LAST VISIT

VISIT DATE: 08/02/1993   VALUE: VISIT

ENTER SCRIPT: LAST POV DM
250.00 (DIABETES UNCOMPL TYPE II/NIDDM)
DIABETES MELLITUS WITHOUT MENTION OF COMPLICATION/TYPE II/NONINSULIN
DEPENDENT/ADULT-ONSET

 OK? Y//


VISIT DATE: 07/19/1993   VALUE: 250.00
```

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# RT Report Template Utility

This utility is used to create a report of individual patient demographic and clinical information. You create a word-processing-type document that embeds patient data within user-specified locations throughout the report. The patient data is retrieved through scripts or natural language queries that identify the requested patient information.

```
                          ********************************
                          **   PCC Management Reports   **
                          **      Report Template       **
                          ********************************
                                   Version 3.0

                               SELLS HOSPITAL/CLINIC


   CR     Create Report Template
   MD     Modify/Delete Report Template
   PR     Print Report Template
   TC     Taxonomy Creation For A Script

Select Report Template Utility Option:
```

**Creation of Report Templates**

The report template is a word-processing-type document that you create using File Manager tools. You need to know how to use the editor in File Manager in order to create the report template. First, select the Create Report Template option on the Report Template menu. Use this option only to **create** new report templates. Use the Modify/Delete option for editing previously created templates. You must name the report then enter a description, if desired. Finally, you will create the report template itself and enter information about each parameter in the report template.

```
Select Report Template Utility Option: CR  Create Report Template
ENTER THE NAME OF A NEW REPORT TEMPLATE: DIABETIC AUDIT
  ARE YOU ADDING 'DIABETIC AUDIT' AS A NEW REPORT TEMPLATE (THE 3RD)? Y  (YES)
NAME: DIABETIC AUDIT//
DESCRIPTION:
 1>This report will print several items of an important clinical nature
 2>regarding diabetic patients and their current care.
 3>
EDIT Option:
```

## 1 Writing the Report

The report is entered within the TEMPLATE field. The final report will look exactly the same as the way it was entered into the TEMPLATE field. You may need to calculate the length of each data item entered so that the line length does not extend beyond the right margin of the report. If it does, the line will wrap to the next line. If the line extends beyond 245 characters, you will see '...etc.' that indicates there was more data to print, but there was not enough room to do so. You may modify the report so that the data prints on each line. As you create reports, this task will become easier as you gain more experience with the software. In the example below, the numbers within the vertical bars represent data that you would like printed in the report at run time. Each windowed number ( |3| ) is a report parameter, representing where patient data is to be inserted. Parameters are described in detail on the next page.

```
TEMPLATE:
  1>PATIENT NAME: |1|   AGE:|2|         DOB: |3|
  2>
  3>LAST VISIT FOR DIABETES: |4|
  4>LAST VISIT FOR HYPERTENSION: |5|
  5>TOBACCO USE: |6|
  6>LAST WT: |7|      LAST HT: |8|
  7>
  8>LAST RX INSULIN: |9|
  9>LAST RX ORAL HYPOGLYCEMIC: |10|
 10>LAST BLOOD SUGAR: |11|
```

If you decide that it would be useful to have the patient's current community and tribe inserted within the report, you may modify the report using the editor to insert a line (see example below). You may add, change, or delete lines *ad infinitum* until the report output is exactly what you want.

```
EDIT Option: Insert after line: 1
  1>PATIENT NAME: |1|        AGE:|2|         DOB: |3|
  2>CURRENT COMMUNITY: |12|      TRIBE:  |13|
  3>
  4>
2 lines inserted...........
EDIT Option:
```

**Note:** On long reports, you can insert page breaks. To do so, type the “at” character ( @ ) on a line to indicate to the report writer to start a new page. This must be the only character on the line and it must in the first column. Inserting a page break in the sample on page 148 would look as follows:

```
  9>LAST RX ORAL HYPOGLYCEMIC: |10|
 10>LAST BLOOD SUGAR: |11|
EDIT Option: Insert after line: 10
  9>LAST RX ORAL HYPOGLYCEMIC: |10|
 10>LAST BLOOD SUGAR: |11|
 11>@
 12>
```

In the above example, since the page break was placed at the bottom of the report, each patient's report will appear on a separate page.

## 2 Parameters

The term *parameter* describes the piece of data to be inserted within a word-processing document; i.e., the report template. Each parameter has a unique number. The parameter number that you enter within the report is the same number that you enter when you see the PARAMETER: prompt while creating the report template. You will then be asked for a description of the parameter. Although optional, it is a good idea to enter a description to remind yourself what the number corresponds to in the report. Then you will be asked to enter a script. There is a separate user’s manual that describes script creation in detail when utilizing the data retrieval option on the PCC Management Reports menu. A brief description of script creation for report templates follows this section on parameters.

The |1| means parameter number 1. Enter the number of the parameter between two vertical bars ( |1| ) where you would like it to appear in you document. You may put more than one parameter on a line and may include text before or after the parameter, if desired. For example:
FIRST LAB GLUCOSE: |2|  LAST PROCEDURE: |3||4|  (CIRCLE IF GLUCOSE > 200)

The text CIRCLE IF GLUCOSE > 200 may be an instruction to the reviewer of the report. If many occurrences of a particular test or diagnosis are requested, for example, LAST 15, the line will not be broken and will appear as a continuous line (no wrap). If the length of the line is more than 245 characters, you will see '... etc.' printed to indicate that other pieces of information were retrieved but could not be printed in the allotted space.

Data is embedded in the report through the use of parameters. The parameters for the above report are created in the following sample.

```
Select PARAMETER: 1
  PARAMETER DESCRIPTION:
  1>PATIENT NAME
  2>
EDIT Option:
  PCC SCRIPT: PT NAME
Select PARAMETER: 2
  PARAMETER DESCRIPTION:
  1>PATIENT AGE
  2>
EDIT Option:
  PCC SCRIPT: PT AGE
Select PARAMETER: 3
  PARAMETER DESCRIPTION:
  1>PATIENT DOB
  2>
EDIT Option:
  PCC SCRIPT: PT DOB
Select PARAMETER: 12
  PARAMETER DESCRIPTION:
  1>CURRENT COMMUNITY
  2>
EDIT Option:
  PCC SCRIPT: PT CURRENT COMMUNITY
Select PARAMETER: 13
  PARAMETER DESCRIPTION:
  1>TRIBE OF MEMBERSHIP
  2>
EDIT Option:
  PCC SCRIPT: PT TRIBE OF MEMBERSHIP
Select PARAMETER: 4
  PARAMETER DESCRIPTION:
  1>LAST VISIT FOR DIABETES
  2>
EDIT Option:
  PCC SCRIPT: LAST DX [SURVEILLANCE DIABETES
```

Let's stop here for a moment to review what [SURVEILLANCE DIABETES in the preceding report means. The left square bracket indicates that a taxonomy is to be used. A taxonomy is a group of related values, such as various kinds of nonsteroidal anti-inflammatory medication or all ICD9 codes relating to a particular disease. SURVEILLANCE DIABETES is the name assigned to the taxonomy we want used in this script. In this case, it refers to a range of ICD9 codes (250.00-250.93) that the PCC Data Retrieval Utility will look for when searching for a patient's last diabetes diagnosis. (See page 155 for creating taxonomies to use within PCC scripts.)

```
Select PARAMETER: 5
  PARAMETER DESCRIPTION:
  1>LAST VISIT FOR HYPERTENSION
  2>
EDIT Option:
  PCC SCRIPT: LAST DX [SURVEILLANCE HYPERTENSION
Select PARAMETER: 6
  PARAMETER DESCRIPTION:
  1>TOBACCO USAGE
  2>
EDIT Option:
  PCC SCRIPT: LAST HEALTH [TOBACCO
Select PARAMETER: 7
  PARAMETER DESCRIPTION:
  1>LAST WT
  2>
EDIT Option:
  PCC SCRIPT: VALUE LAST MEAS WT
Select PARAMETER: 8
  PARAMETER DESCRIPTION:
  1>LAST HT
  2>
EDIT Option:
  PCC SCRIPT: LAST MEAS HT
Select PARAMETER: 9
  PARAMETER DESCRIPTION:
  1>LAST RX FOR INSULIN
  2>
EDIT Option:
  PCC SCRIPT: DATE LAST RX [DM AUDIT INSULIN DRUGS
Select PARAMETER: 10
  PARAMETER DESCRIPTION:
  1>LAST RX FOR ORAL HYPOGLYCEMICS
  2>
EDIT Option:
  PCC SCRIPT: LAST RX [DM AUDIT ORAL HYPOGLYCEMICS
Select PARAMETER: 11
  PARAMETER DESCRIPTION:
  1>LAST BLOOD SUGAR
  2>
EDIT Option:
  PCC SCRIPT: LAST LAB GLUCOSE
```

# 3 Scripts

The script you create will be utilized by the PCC Data Retrieval Utility. Please refer to the section on the PCC Data Retrieval Utility in this manual for a description of how to create scripts. This section describes the restrictions on script creation (as compared to script creation when utilizing the PCC Data Retrieval Utility) and an added feature for using scripts to support report template parameters.

There are two restrictions on script creation:

1. Do not enter an asterisk (*) as a value with the intention of creating a taxonomy. Although this character is acceptable when utilizing the PCC Data Retrieval Utility, you cannot use it within a report template script. Instead, create a taxonomy via the option located on the report template menu.
2. You will not be able to append a range of visit dates to the end of the script. You will indicate the range of visit dates when selecting the Print Report Template option.

The additional feature available when using scripts within the Report Template Utility is the use of the words DATE and VALUE to preface a script that pertains to clinical information.
We will use the script LAST 3 LAB GLUCOSE as an example of how to use this feature. If you entered the script as written, the last three glucose values and the dates on which the values were obtained would be printed. If you preface the script with the word DATE (DATE LAST 3 LAB GLUCOSE), only the date of each glucose will be printed on the report. If you preface the script with the word VALUE (VALUE LAST 3 LAB GLUCOSE), only the value for each glucose will be printed on the report. In the report template used in this section (page 151), look at parameters 8 and 10 to see how VALUE and DATE can be used in the design of a report.

## Modifying a Report Template

The report can now be modified by inserting a heading at the top. You can also add and remove parameters from the report template or modify parameter descriptions and PCC scripts.

```
Select Report Template Utility Option: MD  Modify/Delete Report Template

Select REPORT TEMPLATE NAME: DIABETES PROGRAM QA AUDIT
NAME: DIABETIC AUDIT//
DESCRIPTION:
  1>This report will print several items of an important clinical nature
  2>regarding diabetic patients and their current care.
EDIT Option: ............................
TEMPLATE:. . .
  6>
  7>LAST VISIT FOR DIABETES: |4|
  8>LAST VISIT FOR HYPERTENSION: |5|
  9>TOBACCO USE: |6|
 10>LAST WT: |7|      LAST HT: |8|
 11>
 12>LAST RX INSULIN: |9|
 13>LAST RX ORAL HYPOGLYCEMIC: |10|
 14>LAST BLOOD SUGAR: |11|
EDIT Option: Insert after line: 0
  1>DIABETIC AUDIT REPORT
  2>
  3>
2 lines inserted..............
EDIT Option: List line: 1//  to: 13//
  1>DIABETIC AUDIT REPORT
  2>
  3>PATIENT NAME: |1|        AGE:|2|         DOB: |3|
  4>CURRENT COMMUNITY: |12|      TRIBE: |13|
  5>
  6>LAST VISIT FOR DIABETES: |4|
  7>LAST VISIT FOR HYPERTENSION: |5|
  8>TOBACCO USE: |6|
  9>LAST WT: |7|      LAST HT: |8|
 10>
 11>LAST RX INSULIN: |9|
 12>LAST RX ORAL HYPOGLYCEMIC: |10|
 13>LAST BLOOD SUGAR: |11|
EDIT Option:
Select PARAMETER: 1
  PARAMETER: 1//^
```

## Printing the Report

You will be asked to enter either the fiscal year or range of dates during which the patient's visits occurred. The PCC scripts for each parameter that pertains to clinical information will look **only** at medical data that was generated for that patient during the indicated date range. An example is a script that reads LAST 3 LAB GLUCOSE. The last 3 lab glucoses obtained during the indicated range of visit dates would be printed. If a particular piece of patient data is not indicated in the patient's medical record during the specified time frame, the words "None Found" will appear in place of the requested data.

```
Select Report Template Utility Option: PR  Print Report
Select REPORT TEMPLATE NAME:    DIABETIC AUDIT        ADAM,ADAM

     Select one of the following:

          1         Fiscal Year
          2         Date Range

Indicate the desired time frame: 1  Fiscal Year

Enter report fiscal year: 1992
Enter patient or [search template name:  WATERMAN,RAE JESSICANN
Enter patient or [search template name:
DEVICE: HOME//

DIABETIC AUDIT REPORT

PATIENT NAME: WATERMAN,RAE JESSICANN        AGE:22         DOB: NOV 10, 1970
CURRENT COMMUNITY: TUCSON
TRIBE: TOHONO O'ODHAM NATION OF ARIZONA

LAST VISIT FOR DIABETES: 250.00 - 08/25/92
LAST VISIT FOR HYPERTENSION: 401.9 - 08/25/92
TOBACCO USE: None Found
LAST WT: 200      LAST HT: 5/5/92

LAST RX INSULIN: INSULIN NPH U-100 (BEEF) - 07/07/92
LAST RX ORAL HYPOGLYCEMIC: None Found
LAST BLOOD SUGAR: 120 - 07/07/92
```

The following example indicates how to enter one or more search templates (place a left square bracket before the name of your search template) and/or individual patients. Only search templates that store patients within it will be accepted.

```
Enter patient or [search template name: [MY PTS  (FEB 11, 1993)  FILE 2
Enter patient or [search template name: WHEELWRIGHT,MANDY
                                          F 04-03-87 123323333   SX 100007
Enter patient or [search template name:
DEVICE: HOME// 72  COMPUTER RM - PRINTRONIX    RIGHT MARGIN: 80//
```

## Creating Taxonomies for Use within Report Templates

Taxonomies are groups of related values, such as all ICD9 codes for diabetes or all antibiotics. You can use this option to create taxonomies for use in PCC SCRIPTS as well as Q-Man. A more complete discussion on how to create a taxonomy can be found within Volume I of the Q-Man user documentation. You can create taxonomies for use in PCC SCRIPTS only for the listed attributes.

```
Select Report Template Utility Option: TC  Taxonomy Creation For A Script

     Select one of the following:

          1         DIAGNOSIS
          2         ADA CODE
          3         RX
          4         PROCEDURE (MEDICAL)
          5         PATIENT ED TOPIC
          6         HEALTH FACTORS

Enter response: 6  HEALTH FACTORS

Enter HEALTH FACTOR: ???

CHOOSE FROM:
   CURRENT SMOKELESS
   CURRENT SMOKER
   NON-TOBACCO USER
   PREVIOUS SMOKELESS
   PREVIOUS SMOKER
Enter HEALTH FACTOR: CURRENT SMOKELESS
Enter ANOTHER HEALTH FACTOR: CURRENT SMOKER
Enter ANOTHER HEALTH FACTOR: NON-TOBACCO USER
Enter ANOTHER HEALTH FACTOR: PREVIOUS SMOKER
Enter ANOTHER HEALTH FACTOR: PREVIOUS SMOKELESS
Enter ANOTHER HEALTH FACTOR:
The following have been selected =>

     NON-TOBACCO USER
     CURRENT SMOKER
     CURRENT SMOKELESS
     PREVIOUS SMOKER
     PREVIOUS SMOKELESS

Want to save this HEALTH FACTOR group for future use? NO// Y  (YES)
Group name: TOBACCO
  ARE YOU ADDING 'TOBACCO' AS A NEW TAXONOMY (THE 27TH)? Y  (YES)
   TAXONOMY BRIEF DESCRIPTION: SMOKING RELATED HEALTH FACTORS
EXTENDED DESCRIPTION:
  1>
```

# A PROGRAMMER'S GUIDE TO THE REPORT TEMPLATE UTILITY

## Introduction

The Report Template Utility (RTU) is used to create a report with patient demographic and clinical information or with any data you may want imbedded within a canned report. The developer creates a word-processing-type document that embeds patient data within programmer-specified locations throughout the report (analogous to the BULLETIN system). There are two ways to retrieve the data for incorporation into the report. One way is to retrieve patient data via the creation of scripts or natural language queries. For details, you will need to read the user and programmer documentation for the PCC Data Retrieval Utility, specifically the information regarding script creation. You may elect not to use the retrieval utility and instead retrieve data (from any source) via your own code and set the appropriate utility nodes (to be discussed later in this document) for use in a word-processing document stored in the Report Template file whose entries are used by the Report Template Utility.

The best place to start to understand how to interact with this software is the user's guide to the RTU. The programmer interface allows for retrieval of data from sources other than the PCC, for more complicated data retrievals from the PCC than allowed by the script mechanism (scripts may be used as well), and for storing data for each patient so that a cumulative report can be printed at the end of a user request for information regarding a cohort of patients.

The package comes with the IHS Diabetes Audit reports. You may want to look at the routines APCLDM* to see how the RTU was utilized to generate the report for the patient and the cumulative report. Also, look at the entries for the two diabetic reports in the REPORT TEMPLATE file.

## Routines

There are two routines that allow interaction: APCLASK and APCLPRT.

### APCLASK

This routine prompts you for a range of visit dates by which the data search is restricted. It also prompts you for one or more patients or search templates containing the DFNs of patients. It calls your routine to retrieve the patient data and then it calls APCLPRT to print the reports. **APCLASK is to be called for the printing of patient data only.** As described in the following section, you may call APCLPRT directly to incorporate non-patient-related data into a report template.

APCLASK is called with the use of parameters. You can pass one or two values. The first parameter is the DFN of the entry in the REPORT TEMPLATE file that you want used by the RTU. The second parameter, which is optional, is the DFN of the cumulative report you would like printed. The first report is printed once for each patient requested by you. If a cumulative report is to be printed, it will print after the entire cohort of patients is printed. Cumulative data is discussed in more detail on the following page.

*Example 1:* SET var1=1,var2=2 D ^APCLASK(var1,var2)
For each patient, the report with DFN 1 will be printed. At the end of the data retrieval for all patients, the cumulative report, DFN 2, will be printed.

*Example 2:* SET var1=1 D ^APCLASK(var1)
Only the noncumulative report with a DFN of 1 will be printed for each patient.

How is the data for the report retrieved? The routine APCLASK will look at the entry requested in the REPORT TEMPLATE file to see if a value exists in the .03 ROUTINE field. This is the routine that will retrieve data for use in the word-processing document you created.

When you create a report template in the REPORT TEMPLATE file, enter the name of the routine that you want called by APCLASK in the .03 field. The variables that will be available to you for use in your data retrieval routine are as follows:

| | |
|---|---|
| APCLPD | Patient DFN in VA PATIENT file |
| APCLDATE | Requested date range in the following format<br>"DURING JAN 1 1991-DEC 31 1992" |
| APCLBDT | Beginning of date range in the following format: "MAY 16, 1993" |
| APCLEDT | End of date range in the same format |

For a script such as LAST LAB GLUCOSE, your routine could call the data retrieval tool with the script written as LAST LAB GLUCOSE_APCLDATE.

You **must** store the retrieved data for each parameter indicated in the word-processing document in the node ^TMP("APCL",$J, n) for the noncumulative report and ^TMP("APCLCUML",$J,n) for the cumulative report. The letter "n" corresponds to the number of the parameter within your report template.

The value of the cumulative nodes will normally be set to a fraction representing the number of patients who had a particular value; for example, 2/10 patients had a pneumovax during the past year. If you indicate in the TYPE field located within the PARAMETER multiple that a fractional value should be displayed as a percent, the report will print 20% rather than 2/10.

As a reminder, if you enter a @ on a line of its own in the report template, the report generator will generate a form feed and begin printing on the next page.

You need not call the routine APCLASK to utilize the RTU. You may call APCLPRT directly. You may want to do this when using your own user interface or when dealing with non-patient-related data.

**APCLPRT**

This routine is also called with parameter passing. The first variable is the DFN of the report template to be utilized and the second variable is the root of the local or global variable used to store the data where the namespace is ABC. The DFN of the template to be used is 13.

The following is a sample report template (DFN 13), an array with the necessary data to be imbedded into the report (namespace is “ABC”), the call to APCLPRT, and the generated report.

*Template:*
An appointment has been scheduled for you to be seen in the |1| clinic.
You have a follow-up visit for |2|. Your appointment is on
|3| at |4|.

If there are any problems with keeping this appointment, please contact us at |5|.

*Array:*
SET ^TMP("ABCRPT1",$J,1)=“Dental”
SET ^TMP("ABCRPT1",$J,2)=“an endodontic consultation”
SET ^TMP("ABCRPT1",$J,3)=“MAY 29, 1993”
SET ^TMP("ABCRPT1",$J,4)=“2:30PM”
SET ^TMP("ABCRPT1",$J,5)=“295-0010”

*Call to APCLPRT:*
```
SET ABCPDFN=13,ABCROOT="^TMP(""ABCRPT1"","_$J
D ^APCLPRT(ABCPDFN,ABCROOT)
```

*Output:*
An appointment has been scheduled for you to be seen in the Dental clinic.
You have a follow-up visit for an endodontic consultation. Your appointment is on
May 29, 1993 at 2:30PM.

If there are any problems with keeping this appointment, please contact us at 295-0010.

# STS Search Template System

This system has options that allow you to create search templates either through the FileMan Search option or manually. A search template comparison utility is also available, which permits you to match the contents of one FileMan search template with another. The STS provides the capability to delete and add entries to existing search templates that you have created. Also, you can access FileMan (General) from this menu.

**Note:** If you create a search template via the search template utility or the option that allows for manual creation of a search template, there will be no search logic associated with these templates. Search templates created via the FileMan Search option have search logic stored with them. This means that you can utilize this template's search logic within the search option of FileMan.

```
                        Search Template System
                              Version 2.5
                         Site Set To SELLS HOSP



   SRCH   Search Template Comparison Utility
   CRE    Create Search Template Manually
   ADD    Add Entries Into An Existing Search Template
   DENT   Delete Entries From An Existing Search Template
   CNT    Count Entries In A Search Template
   SRT    Inquire Into Sort/Search Template File
   DEL    Delete Search Template
   SAVE   Save Search Template
   FGEN   FileMan (General) ...

Select Search Template System Option:
```

A separate user's manual for the Search Template System that describes the use of this system in depth is available.

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# QMAN Q-Man (PCC Query Utility)

Q-Man (the PCC Query System) is a utility for "mining" the PCC database. It facilitates retrieval of demographic and clinical information.

```
                    *****  Q-MAN OPTIONS  *****


    Select one of the following:

        1        SEARCH PCC Database (dialogue interface)
        2        FAST Facts (natural language interface)
        3        RUN Search Logic
        4        VIEW/DELETE Taxonomies and Search Templates
        5        FILEMAN Print
        9        HELP
        0        EXIT


    Your choice: SEARCH//
```

No special knowledge of MUMPS, FileMan, or the PCC file structure is required to use Q-Man. You generate a query by initiating a dialogue with the computer. Each query has a subject, attribute, condition, and value. For example, consider the following query:

```
"Find all patients over 60 years of age."
       SUBJECT = Patients
     ATTRIBUTE = Age
     CONDITION = Over
         VALUE = 60
```

Multiple queries can be "and'ed" together to define a search.

The output of the search is either a standard columnar display on the screen, a printed report, or a FileMan search template (i.e., a cohort of patients).

In addition to the dialogue interface described above, there is also a natural language interface to Q-Man. You can enter a simple (1 attribute only) query in English. Frequently, Q-Man will correctly interpret the query and print the results on the screen. If Q-Man does not understand the question, it will beep and ask you to try again. Sample queries for the Rapid Report option are:

```
"SHOW ME MARY MARTIN'S LAST BLOOD SUGAR"
"FIND ALL PATIENTS WHO LIVE IN TUCSON"
"SHOW ME EVERYONE WHOSE TRIBE OF MEMBERSHIP IS NAVAJO"
"I WANT LISA JONES' AVERAGE WEIGHT"
"NOW GET HER SSN"
```

Notice that the word AND does not appear in any of the queries and that all queries are quite simple. Try it. If it doesn't work for you, use the dialogue interface.

A separate Q-Man user's manual that describes the use of the Query System in depth is available.

# FM FileMan (General)

The FileMan utility is a set of retrieve-only options from the File Manager database management system. The menu contains the following options:

```
1       Search File Entries
2       Print File Entries
3       Inquire to File Entries
4       Statistics
5       List File Attributes
```

The Search and Print options allow you to create *ad hoc* reports. The Inquire option allows you to see entries within a file. The Statistics option is a menu that, when appropriate, allows the creation of a histogram or scattergram or gives basic mathematical statistics for a report that was generated by the Print or Search option. The Statistics menu options must be run just after the report is generated as results will not be saved once another report is printed. Note that the Statistics menu options cannot be used if a report is queued to a printer. List File Attributes displays the fields and attributes of those fields that make up a FileMan file. These make up what is referred to as the data dictionary of the file.

A separate File Manager user's manual that describes the use of these utilities in depth is available.

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# Appendix

# Statistical Database Record Definition

**Record 1 of 2**

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| RECORD CODE | 1 | 2 | 2 | Y | Will always be 00 |
| SEQUENCE # | 3 | 3 | 1 | Y | Will always be 1 |
| UNIQUE ID # | 4 | 19 | 16 | Y | Unique ID for this visit. ASUFAC_IEN of the visit. IEN of visit is left zero filled to 10 digits. |
| ASUFAC_HRN | 20 | 31 | 12 | Y | Use ASUFAC and HRN at location of encounter, if one exists. Otherwise, ASUFAC_HRN at DUZ(2). Chart number is left zero filled. |
| DOB | 32 | 38 | 7 | Y | DOB in format 2960908. CYYMMDD |
| SEX | 39 | 39 | 1 | Y | Sex. M or F |
| SSN | 40 | 48 | 9 | Y | SSN of patient or 9 blanks. No dashes. |
| PRIMARY TRIBE | 49 | 51 | 3 | Y | Tribe code from standard code book. |
| COMMUNITY OF RESIDENCE | 52 | 58 | 7 | Y | STCTYCOM code of patient's residence. Taken from the current community field. |
| CLASSIFICATION /BENEFICIARY | 59 | 60 | 2 | Y | Beneficiary Code from Standard Code book. |
| ELIGIBILITY | 61 | 61 | 1 | Y | Eligibility Status from standard codebook. |
| MEDICAID ELIG ON VISIT DATE | 62 | 62 | 1 | Y | Y or N. If patient was Medicaid eligible on the visit date, this is set to Y, if not, N. |
| MEDICARE ELIG ON VISIT DATE | 63 | 63 | 1 | Y | Y or N. If patient was Medicare eligible on the visit date, this is set to Y, if not, N. |
| PRIVATE INSURANCE ELIGIBILITY ON VISIT DATE | 64 | 64 | 1 | Y | Y or N. If patient was Private Insurance eligible on the visit date, this is set to Y, if not, N. |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| VISIT/ ADMISSION DATE | 65 | 71 | 7 | Y | Date of Visit in CYYMMDD format. |
| TIME OF DAY | 72 | 75 | 4 | Y | Time of day in internal FileMan format; e.g., 1000, 1310, 0805 |
| DAY OF WEEK | 76 | 76 | 1 | Y | DOW in APC record definition format. |
| LOCATION OF ENCOUNTER | 77 | 82 | 6 | Y | ASUFAC of location of encounter. |
| TYPE | 83 | 83 | 1 | Y | Type of Visit. C, I, O, 6, T, U, V, S, etc. |
| SERVICE CATEGORY | 84 | 85 | 2 | Y | Service Category; e.g., A, H, I, C, T, etc. |
| CLINIC | 86 | 87 | 2 | N | Clinic of Visit, standard 2 digit code. |
| EVALUATION AND MANAGEMENT CPT CODE | 88 | 92 | 5 | N | CPT CODE from Evaluation and Management field of Visit file. |
| LEVEL OF SERVICE | 93 | 93 | 1 | N | Level of Service code from PCC form. |
| EDUCATION DONE OF THIS VISIT | 94 | 94 | 1 | N | Was an education topic provided on this visit? Y or N |
| EXAMS DONE ON THIS VISITQ | 95 | 95 | 1 | N | Was one or more exams done on this visit? Y or N |
| # OF LAB TESTS DONE | 96 | 98 | 3 | N | # of lab tests done. |
| # OF RX'S | 99 | 100 | 2 | N | # of prescriptions filled. |
| VITAL SIGNS DONE | 101 | 101 | 1 | N | Were vital signs taken? Y or N |
| PRIMARY PROV AFFILIATION/ DISCIPLINE | 102 | 104 | 3 | Y | Primary Provider's Affiliation and Discipline; e.g., 101 |
| OTHER PROVIDER AFFILIATION/ DISCIPLINE | 105 | 107 | 3 | N | First Secondary Provider Affiliation/Discipline. |
| OTHER PROVIDER AFFILIATION/ DISCIPLINE | 108 | 110 | 3 | N | 2nd Secondary Provider Affiliation/Discipline. |
| OTHER PROVIDER AFFILIATION/ DISCIPLINE | 111 | 113 | 3 | N | 3rd Secondary Provider Affiliation/Discipline. |
| OTHER PROVIDER AFFILIATION/ DISCIPLINE | 114 | 116 | 3 | N | 4th Secondary Provider Affiliation/Discipline. |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| PRIMARY ICD DX | 117 | 122 | 6 | Y | Primary ICD Dx. If this is an non-hospitalization visit, it is the 1st diagnosis entered. |
| APC CODE 1 | 123 | 125 | 3 | Y | APC Recode for diagnosis 1 |
| CAUSE OF DX 1 | 126 | 126 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 1 |
| CAUSE OF INJURY | 127 | 132 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 1 is an injury 800-999.9. |
| PLACE OF INJURY | 133 | 133 | 1 | N | PCC place of injury code for Diagnosis 1 if Diagnosis 1 is an injury. |
| DIAGNOSIS 2 | 134 | 139 | 6 | Y | ICD Dx 2. If this is an non-hospitalization visit, it is the 2nd diagnosis entered. |
| APC CODE 2 | 140 | 142 | 3 | Y | APC Recode for diagnosis 2 |
| CAUSE OF DX 2 | 143 | 143 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 2 |
| CAUSE OF INJURY | 144 | 149 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 2 is an injury 800-999.9. |
| PLACE OF INJURY | 150 | 150 | 1 | N | PCC place of injury code for Diagnosis 2 if Diagnosis 2 is an injury. |
| DIAGNOSIS 3 | 151 | 156 | 6 | Y | ICD Dx 3. If this is a non-hospitalization visit, it is the 3rd diagnosis entered. |
| APC CODE 3 | 157 | 159 | 3 | Y | APC Recode for diagnosis 3 |
| CAUSE OF DX 3 | 160 | 160 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 3 |
| CAUSE OF INJURY | 161 | 166 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 3 is an injury 800-999.9. |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| PLACE OF INJURY | 167 | 167 | 1 | N | PCC place of injury code for Diagnosis 3 if Diagnosis 3 is an injury. |
| DIAGNOSIS 4 | 168 | 173 | 6 | Y | ICD Dx 4. If this is an non-hospitalization visit, it is the 4th diagnosis entered. |
| APC CODE 4 | 174 | 176 | 3 | Y | APC Recode for diagnosis 4 |
| CAUSE OF DX 4 | 177 | 177 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 4 |
| CAUSE OF INJURY | 178 | 183 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 4 is an injury 800-999.9. |
| PLACE OF INJURY | 184 | 184 | 1 | N | PCC place of injury code for Diagnosis 4 if Diagnosis 4 is an injury. |
| DIAGNOSIS 5 | 185 | 190 | 6 | Y | ICD Dx 5. If this is a non-hospitalization visit, it is the 5th diagnosis entered. |
| APC CODE 5 | 191 | 193 | 3 | Y | APC Recode for diagnosis 5 |
| CAUSE OF DX 5 | 194 | 194 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 5 |
| CAUSE OF INJURY | 195 | 200 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 5 is an injury 800-999.9. |
| PLACE OF INJURY | 201 | 201 | 1 | N | PCC place of injury code for Diagnosis 5 if Diagnosis 5 is an injury. |
| DIAGNOSIS 6 | 202 | 207 | 6 | Y | ICD Dx 6. If this is a non-hospitalization visit, it is the 6th diagnosis entered. |
| APC CODE 6 | 208 | 210 | 3 | Y | APC Recode for diagnosis 6 |
| CAUSE OF DX 6 | 211 | 211 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 6 |
| CAUSE OF INJURY | 212 | 217 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 6 is an injury 800-999.9. |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| PLACE OF INJURY | 218 | 218 | 1 | N | PCC place of injury code for Diagnosis 6 if Diagnosis 6 is an injury. |
| DIAGNOSIS 7 | 219 | 224 | 6 | Y | ICD Dx 7. If this is a non-hospitalization visit, it is the 7th diagnosis entered. |
| APC CODE 7 | 225 | 227 | 3 | Y | APC Recode for diagnosis 7 |
| CAUSE OF DX 7 | 228 | 228 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 7 |
| CAUSE OF INJURY 7 | 229 | 234 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 7 is an injury 800-999.9. |
| PLACE OF INJURY 7 | 235 | 235 | 1 | N | PCC place of injury code for Diagnosis 7 if Diagnosis 7 is an injury. |

**Record 2 of 2**

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| RECORD CODE 7 | 1 | 2 | 2 | Y | 00 |
| SEQ # | 3 | 3 | 1 | Y | 2 |
| UNIQUE ID | 4 | 19 | 16 | Y | Use ASUFAC and HRN at location of encounter, ASUFAC_HRN at DUZ(2). Chart number is left zero filled. |
| ASUFAC-HRN | 20 | 31 | 12 | Y | Use ASUFAC and HRN at location of encounter, if one exists. Otherwise, ASUFAC_HRN at DUZ(2). Chart number is left zero filled. |
| DIAGNOSIS 8 | 32 | 37 | 6 | Y | ICD Dx 8. If this is a non-hospitalization visit, it is the 8th diagnosis entered. |
| APC CODE 8 | 38 | 40 | 3 | Y | APC Recode for diagnosis 8 |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| CAUSE OF DX 8 | 41 | 41 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 8 |
| CAUSE OF INJURY | 42 | 47 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 8 is an injury 800-999.9. |
| PLACE OF INJURY | 48 | 48 | 1 | N | PCC place of injury code for Diagnosis 8 if Diagnosis 8 is an injury. |
| DIAGNOSIS 9 | 49 | 54 | 6 | Y | ICD Dx 9. If this is a non-hospitalization visit, it is the 9th diagnosis entered. |
| APC CODE 9 | 55 | 57 | 3 | Y | APC Recode for diagnosis 9 |
| CAUSE OF DX 9 | 58 | 58 | 1 | N | 1-Hospital acquired, 2-alcohol-related, 3-battered child, 4-employment-related for Diagnosis 9 |
| CAUSE OF INJURY | 59 | 64 | 6 | N | Valid ICD9 E code for an injury. If Diagnosis 9 is an injury 800-999.9. |
| ICD PROC CODE (1) | 65 | 69 | 5 | N | ICD Operation Code |
| PROC DATE (1) | 70 | 76 | 7 | N | Internal FileMan format of date of procedure. |
| INFECTION (1) | 77 | 77 | 1 | N | Y-Yes N-No |
| PROC PROV AFF/DISC(1) | 78 | 80 | 3 | N | Operating Provider’s Affiliation/Discipline Code |
| CPT CODE (1) | 81 | 85 | 5 | N | CPT Code for this Procedure |
| DX DONE FOR (1) | 86 | 86 | 1 | N | The number (1-9) of the diagnosis that this procedure was done for. |
| ICD PROC CODE (2) | 87 | 91 | 5 | N | ICD Operation Code |
| PROC DATE (2) | 92 | 98 | 7 | N | Internal FileMan format of date of procedure. |
| INFECTION (2) | 99 | 99 | 1 | N | Y-Yes N-No |
| PROC PROV AFF/DISC(2) | 100 | 102 | 3 | N | Operating Provider’s Affiliation/Discipline Code |
| CPT CODE (2) | 103 | 107 | 5 | N | CPT Code for this Procedure |
| DX DONE FOR (2) | 108 | 108 | 1 | N | The number (1-9) of the diagnosis that this procedure was done for. |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| ICD PROC CODE (3) | 109 | 113 | 5 | N | ICD Operation Code |
| PROC DATE (3) | 114 | 120 | 7 | N | Internal FileMan format of date of procedure. |
| INFECTION (3) | 121 | 121 | 1 | N | Y-Yes N-No |
| PROC PROV AFF/DISC(3) | 122 | 124 | 3 | N | Operating Provider's Affiliation/Discipline Code |
| CPT CODE (3) | 125 | 129 | 5 | N | CPT Code for this Procedure |
| DX DONE FOR (3) | 130 | 130 | 1 | N | The number (1-9) of the diagnosis that this procedure was done for. |
| IMMUNIZATION CODE | 131 | 132 | 2 | N | Immunization given, from standard codes |
| IMMUNIZATION SERIES | 133 | 133 | 1 | N | Set of codes |
| IMMUNIZATION CODE | 134 | 135 | 2 | N | Immunization given, from standard codes |
| IMMUNIZATION SERIES | 136 | 136 | 1 | N | Set of codes |
| IMMUNIZATION CODE | 137 | 138 | 2 | N | Immunization given, from standard codes |
| IMMUNIZATION SERIES | 139 | 139 | 1 | N | Set of codes |
| ADA CODE (1) | 140 | 143 | 4 | N | ADA CODE |
| ADA UNITS (1) | 144 | 145 | 2 | N | # OF UNITS |
| ADA CODE (2) | 146 | 149 | 4 | N | ADA CODE |
| ADA UNITS (2) | 150 | 151 | 2 | N | # OF UNITS |
| ADA CODE (3) | 152 | 155 | 4 | N | ADA CODE |
| ADA UNITS (3) | 156 | 157 | 2 | N | # OF UNITS |
| ADA CODE (4) | 158 | 161 | 4 | N | ADA CODE |
| ADA UNITS (4) | 162 | 163 | 2 | N | # OF UNITS |
| ADA CODE (5) | 164 | 167 | 4 | N | ADA CODE |
| ADA UNITS (5) | 168 | 169 | 2 | N | # OF UNITS |
| ADA CODE (6) | 170 | 173 | 4 | N | ADA CODE |
| ADA UNITS (60 | 174 | 175 | 2 | N | # OF UNITS |
| ADMISSION DATE | 176 | 182 | 7 | N | Admission date in internal FileMan format. |
| ADMISSION SERVICE | 183 | 184 | 2 | N | Admitting Service (2-digit IHS code) |
| ADMISSION TYPE | 185 | 185 | 1 | N | Admission Type |
| ATTENDING PHYSICIAN | 186 | 191 | 6 | N | Affiliation/Discipline code |
| CAUSE OF DEATH | 192 | 197 | 6 | N | ICD CODE |

| ITEM | BEG COL | END COL | LENGTH | REQ | DESCRIPTION OF DATA ITEM |
|---|---|---|---|---|---|
| # OF CONSULTS | 198 | 200 | 3 | N | Number of consults during an Inpatient Stay |
| DISCHARGE DATE | 201 | 207 | 7 | N | Internal FileMan Format of discharge date. |
| DISCHARGE SERVICE | 208 | 209 | 2 | N | From Standard Treating Specialty table |
| DISCHARGE TYPE | 210 | 210 | 1 | N | IHS Standard Code for Discharge Type |
| FACILITY TRANSFER TO (ASUFAC) | 211 | 216 | 6 | N | From Location table |
| LENGTH OF STAY | 217 | 219 | 3 | N | Length of Stay |
| MIDWIFERY | 220 | 220 | 1 | N | 1 if midwife was a provider |
| ACTIVITY TIME | 221 | 224 | 4 | N | Minutes |
| TRAVEL TIME | 225 | 228 | 4 | N | Minutes |
| CHS COST | 229 | 234 | 6 | N | For CHS visits, total cost info. |