



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

**Technical Manual**

**February 1997**

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Indian Health Service  
Resource and Patient Management System (RPMS)

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

**Technical Manual**

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## Preface

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 contains the technical documentation for the PCC Management Reports module, version 3.0. Included here are a system description, routine descriptions, option descriptions, and a variety of other information necessary for use by IRM personnel to operate and maintain the PCC Management Reports software.

Please direct any comments or questions regarding this system to:

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## Introduction

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 User's Manual provides a description of each report, instructions for generating the reports, and a sample of each one. This technical manual is a reference for developers and IRM staff who will maintain the PCC Management Reports module. Included are a description of the files and overall program structure. It is assumed that you are already familiar with the material in the user's guide.

The main menu for the PCC Management Reports module (APCLMENU) is shown below.

```

*****
**   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) ...

```

Options for accessing other RPMS data retrieval tools are also available on the PCC Management Reports menu. These include:

- PCC Patient Data Retrieval Utility
- Report Template Utility
- Search Template System
- Q-Man
- FileMan

These additional options are provided only for easy accessibility and will not be described in this manual. Please refer to the appropriate technical and user documentation for these systems if you would like more information.

## Implementation and Maintenance

### ***General Information***

Menu options in the PCC Management Reports module allow users to retrieve various types of reports. Queuing is supported and recommended for report options that search the entire database. Output may sent be to printers or CRT terminals.

### ***System Requirements***

- ◆ Kernel 7.1 or higher
- ◆ FileMan 21 or higher
- ◆ AUPN (Patch 4)
- ◆ Taxonomy 5.1
- ◆ Q-Man (Patch 9)

**Note:** Please refer to the PCC Management Reports Installation Guide for further information.

### ***Security Keys***

|           |                                                 |
|-----------|-------------------------------------------------|
| APCLZ     | Delete a report definition                      |
| APCLZMENU | PCC Management Reports main menu                |
| APCLZRT   | Report template retrieval tool and data fetcher |

## Routines

| <b>Routine</b> | <b>Description</b>                                             |
|----------------|----------------------------------------------------------------|
| APCL1A         | APC visits by primary provider                                 |
| APCL1A1        | Process APC 1A report                                          |
| APCL1AP        | Print APC report 1A                                            |
| APCL1H         | Print hospital discharges by                                   |
| APCL1H1        | Inpatient 2A report process                                    |
| APCL1HP        | Print report 2A                                                |
| APCL2A3        | Body mass index and relative weight for measurement transforms |
| APCL8A         | APC visits by primary provider                                 |
| APCL8A1        | Process APC 8A report                                          |
| APCL8AP        | Print APC report 1A                                            |
| APCLAA         | APC visits by primary provider                                 |
| APCLAA1        | Process APC 1A report                                          |
| APCLAAP        | Print APC report 1A                                            |
| APCLACC        | Active users by community                                      |
| APCLACC1       | Process active user report                                     |
| APCLACC2       | Process active user report                                     |
| APCLADA        | Clinic visits by date with ADA                                 |
| APCLADA1       | Print clinic visits (calc)                                     |
| APCLADAP       | Print clinic visits                                            |
| APCLADX        | Age bucket/diagnosis report                                    |
| APCLADX0       | Cont. APCLADX                                                  |
| APCLADX1       | Process Dx by age report                                       |
| APCLADXP       | Print Dx by age                                                |
| APCLAGE        | Age bucket driver                                              |
| APCLAP0        | Info for APCLAP1 and APCLAP2 reports                           |
| APCLAP1        | APC visit counts by selected variables                         |
| APCLAP11       | APC report process                                             |
| APCLAP12       | No description provided                                        |
| APCLAP1P       | Print APC report                                               |
| APCLAP2        | All visit report driver                                        |
| APCLAP21       | All visit report process                                       |
| APCLAP22       | No description provided                                        |
| APCLAP2P       | Print all visit reports                                        |
| APCLAP3        | Visits by provider                                             |
| APCLAP31       | Visits by provider process                                     |
| APCLAP3P       | Print visits by provider                                       |
| APCLAP4        | APC visit counts by selected variables                         |
| APCLAP41       | APC report process                                             |
| APCLAP4P       | Print APC report                                               |
| APCLAP5        | APC visit counts by selected variables                         |
| APCLAP51       | Prim care provider report process                              |

| <b>Routine</b> | <b>Description</b>                                           |
|----------------|--------------------------------------------------------------|
| APCLAP5P       | Print clinic visits                                          |
| APCLAP6        | APC visit counts by selected variables                       |
| APCLAP61       | Prim care provider report process                            |
| APCLAP6P       | Print clinic visits                                          |
| APCLAP7        | APC visit counts by selected variables                       |
| APCLAP71       | APC report process                                           |
| APCLAP7P       | Print APC report                                             |
| APCLAP8        | APC visit counts—all service categories                      |
| APCLAP81       | APC visit counts—all service cat process routine             |
| APCLAP8P       | APC visit counts print report                                |
| APCLAP9        | Visits by provider                                           |
| APCLAP91       | Process APC AP9 report                                       |
| APCLAP9P       | Print APC report                                             |
| APCLASK        | Get patient or cohort                                        |
| APCLAUD        | Audit report                                                 |
| APCLAUD0       | More audit report                                            |
| APCLAUD1       | More audit report                                            |
| APCLAUD2       | More audit report                                            |
| APCLAUD3       | More audit search                                            |
| APCLAUD4       | More audit search                                            |
| APCLAUD5       | User interface to select ICD codes                           |
| APCLAUD6       | Extension of routine APCLAUD5                                |
| APCLAUD7       | Code ranges in table                                         |
| APCLBAN        | Banner routine for Management Reports                        |
| APCLBIN1       | Makes age bin reports                                        |
| APCLBRH        | List holders of Medicare A, B, Medicaid or private insurance |
| APCLBRH1       | Print MCR, MCD, or PI holders                                |
| APCLBRH2       | Process billing report holders                               |
| APCLBV         | Print billable visits                                        |
| APCLBV1        | Print billable visits                                        |
| APCLBV11       | Continuation of APCLV1                                       |
| APCLBV2        | Gather billable visits                                       |
| APCLCAW        | Clinic visits tally of walk-in and appointment               |
| APCLCAW1       | Clinic visits (APCLCAW continued)                            |
| APCLCAWP       | Print tally of walk-in and appointment clinic visits         |
| APCLCH1        | Community health profile                                     |
| APCLCH11       | Community health profile                                     |
| APCLCH1P       | Community health profile print                               |
| APCLCH1S       | Community health profile print                               |
| APCLCH2        | Dx by community local, secondary, tertiary                   |
| APCLCH21       | Community health profile                                     |
| APCLCH2P       | Community health profile print                               |
| APCLCH2S       | Community health profile print                               |
| APCLCP1        | Disc tally activity time                                     |

| <b>Routine</b> | <b>Description</b>                                 |
|----------------|----------------------------------------------------|
| APCLCP11       | Tally activity time                                |
| APCLCP1P       | Tally activity                                     |
| APCLCP3        | Activity report                                    |
| APCLCP31       | Activity report                                    |
| APCLCP3P       | Activity report print                              |
| APCLCP6        | Activity report print                              |
| APCLCP61       | Activity report                                    |
| APCLCP6P       | Print activity report                              |
| APCLCP8        | GIS/Tucson PCC report with age buckets             |
| APCLCP81       | APC report – process                               |
| APCLCP8P       | Print APC report by provider disc                  |
| APCLCP9        | APC visits by primary provider                     |
| APCLCP91       | APC report – process                               |
| APCLCP9P       | Print APC report by provider disc                  |
| APCLCPAG       | Create new activity group                          |
| APCLCPUT       | Driver for CHN report                              |
| APCLCV         | Indian beneficiary calendar year visit summary     |
| APCLCV1        | Indian beneficiary calendar year visit summary     |
| APCLCVP        | Indian beneficiary calendar year visit summary     |
| APCLCZP        | All visit report driver                            |
| APCLCZP1       | All visit report process                           |
| APCLCZPP       | Print all visit report                             |
| APCLDF         | YRULER<->PCC interface                             |
| APCLDF0        | IHS-interactive routine for data fetcher           |
| APCLDF1        | IHS - process                                      |
| APCLDF2        | YRULER<->PCC process algorithm                     |
| APCLDF3        | IHS                                                |
| APCLDF4        | Process demographic information                    |
| APCLDM         | Diabetes QA report                                 |
| APCLDM1        | Gets data for diabetes QA report                   |
| APCLDM1A       | Continuation of APCLDM1 for DM audit data fetching |
| APCLDM2        | Continuation of routine to fetch data              |
| APCLDM3        | Continuation of DM audit retrieval routine         |
| APCLDM4        | Continuation of DM Audit Retrieval Routine         |
| APCLDM5        | DM Audit                                           |
| APCLDM6        | Tobacco use                                        |
| APCLDM7        | blood sugar taken/last 3                           |
| APCLDM8        | PPD info                                           |
| APCLDMNC       | First of the diabetes diagnosis                    |
| APCLDP1        | Active client list                                 |
| APCLDP1P       | Print active client list                           |
| APCLDQMT       | Fix to Q-Man dictionary of terms - AKA             |
| APCLEIN        | INIT                                               |
| APCLEOJ        | EOJ kills and cleanup for reports                  |

| <b>Routine</b> | <b>Description</b>                                   |
|----------------|------------------------------------------------------|
| APCLER1        | APC visit counts by selected variables               |
| APCLER11       | APC report process                                   |
| APCLER1P       | Print clinic visits                                  |
| APCLER2        | APC visit counts by selected variables               |
| APCLER21       | Admits from ER                                       |
| APCLER2P       | Print clinic visits                                  |
| APCLFPR        | Top FPR procedures                                   |
| APCLFPR1       | Top FPR procedures                                   |
| APCLFPRP       | Continuation of top ten                              |
| APCLFY         | Fiscal year process routine                          |
| APCLGV         | Active client list                                   |
| APCLGVP        | Print active client list                             |
| APCLL          | List Template Exporter                               |
| APCLM1         | Adult immunization needs                             |
| APCLM2         | Adult immunization needs                             |
| APCLNJ1        | Clinic visits by date range with POV                 |
| APCLNJ11       | Print clinic visits (calc)                           |
| APCLNJ12       | Print visits with injuries                           |
| APCLNJ13       | Injury report cover page                             |
| APCLNJ2        | E-code clinic visits by date range/by age/visit type |
| APCLNJ21       | Print clinic visits (calc)                           |
| APCLNJ22       | Print visits with injuries                           |
| APCLNJ23       | Injury report cover page                             |
| APCLO001       | Protocol init installation                           |
| APCLONI1       | Protocol init installation                           |
| APCLONI2       | Protocol init installation                           |
| APCLONI3       | Protocol init installation                           |
| APCLONIT       | Protocol init installation                           |
| APCLOS         | PCC Operational Summary                              |
| APCLOS1        | Process operational summary                          |
| APCLOS2        | Calculate                                            |
| APCLOS21       | Continuation of APCLOS2                              |
| APCLOS3        | CHS portion of OS                                    |
| APCLOS4        | Ambulatory – Operations Summary                      |
| APCLOS41       | Ambulatory continued                                 |
| APCLOS5        | RX                                                   |
| APCLOS6        | In-Hospital – Operations Summary                     |
| APCLOS61       | Ambulatory continued                                 |
| APCLOSP        | Print operational summary                            |
| APCLOSP1       | Continuation of APCLOSP                              |
| APCLOSP2       | Print AMB section                                    |
| APCLOSP3       | AMB print                                            |
| APCLOSP4       | Continuation of print operations summary             |
| APCLOSP5       | Print In-hospital section                            |

| <b>Routine</b> | <b>Description</b>                                |
|----------------|---------------------------------------------------|
| APCLOSP6       | In-hospital print                                 |
| APCLOSUT       | Printing utilities                                |
| APCLPCT        | Driver for active population                      |
| APCLPCT1       | Continuation of APCLPCT                           |
| APCLPCT2       | Extension of APCLPCT                              |
| APCLPCT3       | Continuation of APCLPCT2                          |
| APCLPLCV       | Prints a patient's last clinic visit              |
| APCLPN         | Provider narrative/coding QA report               |
| APCLPN1        | Provider narrative listing                        |
| APCLPNP        | FileMan init routine                              |
| APCLPOS2       | Created by ^XBERERTN on April 04, 1996            |
| APCLPOS3       | Created by ^XBERERTN on April 04, 1996            |
| APCLPOS4       | Created by ^XBERERTN on April 04, 1996            |
| APCLPOS5       | Non DX/PX taxonomy fix                            |
| APCLPOST       | IHS-Tucson/GIS/THL                                |
| APCLPREI       | Created by XBBPI on April 4,1996                  |
| APCLPRPM       | Driver for primary care provider report           |
| APCLPRT        | Prints reports using report template file         |
| APCLPVC        | POV grouped by APC codes                          |
| APCLPVC1       | POV grouped by APC codes                          |
| APCLPVC2       | POV grouped by APC codes                          |
| APCLRAD        | Admissions 30 days after a discharge              |
| APCLRAD1       | Readmissions report process                       |
| APCLRADP       | Print clinic visits                               |
| APCLRAPC       | Recode ICD Diagnosis Code into APC code           |
| APCLRCHA       | Recode ICD-9 diagnosis code to CHA recode         |
| APCLRPL        | R-DMG-510 Patient List                            |
| APCLRPL1       | Process R-DMG-510                                 |
| APCLRPLP       | Print patient list                                |
| APCLRPT        | Interactive routine for data fetcher              |
| APCLRTC        | Taxonomy creation                                 |
| APCLSRT        | IHS gets sort info for PCC reports                |
| APCLSRT1       | APCLSRT subroutine                                |
| APCLSRT2       | Gets sort info for PCC reports                    |
| APCLSTMP       | Create search template for PGEN (Patient) Reports |
| APCLSTMV       | Create search template for VGEN (visits) reports  |
| APCLT1         | Top T POVs                                        |
| APCLT1P        | Print APC report                                  |
| APCLTAX        | Report for ANMC                                   |
| APCLTEN        | Top Ten POVs                                      |
| APCLTEN1       | Top ten POVs                                      |
| APCLTENP       | Continuation of top ten                           |
| APCLTX         | Created by ^ATXSTX on Jan. 09, 1997               |
| APCLTXA        | Created by ^ATXSTX on Jan. 09, 1997               |



| <b>Routine</b> | <b>Description</b>                         |
|----------------|--------------------------------------------|
| APCLTXB        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXC        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXD        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXE        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXF        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXFX       | Fix ATXAX global multiple 21 node          |
| APCLTXG        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXH        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXI        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXJ        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXK        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXL        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXM        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXN        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXO        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXP        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXQ        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXR        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXS        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXT        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXU        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXV        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXW        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXX        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLTXY        | Created by ^ATXSTX on Jan. 09, 1997        |
| APCLUTL        | Area database utility routine              |
| APCLV          | Visit data                                 |
| APCLV01        | Provider functions                         |
| APCLV05        | Provider functions                         |
| APCLV06        | Provider functions                         |
| APCLV07        | Provider functions                         |
| APCLV08        | Procedure functions                        |
| APCLV1         | Visit entry utilities/get codes            |
| APCLV11        | Provider functions                         |
| APCLVDR        | Driver for visit record generation         |
| APCLVL         | PCC visit general retrieval driver routine |
| APCLVL0        | Screen logic                               |
| APCLVL01       | Screen logic                               |
| APCLVL1        | Process visit list                         |
| APCLVL3        | No description provided                    |
| APCLVL4        | No description provided                    |
| APCLVLD        | Delete VGEN/PGEN custom report             |
| APCLVLP        | Print visit report                         |
| APCLVLP1       | Continuation of APCLVLP                    |

| <b>Routine</b> | <b>Description</b>                             |
|----------------|------------------------------------------------|
| APCLVLP2       | Print visit report                             |
| APCLVLS        | APC visit counts – show screens                |
| APCLVLS1       | DIR question mark                              |
| APCLVLU        | General retrieval utilities                    |
| APCLVLU1       | General retrieval utilities                    |
| APCLVPVC       | APC visit counts by selected variables         |
| APCLVST        | Prints a patient's last visit                  |
| APCLW1         | Age bucket/diagnosis report                    |
| APCLW11        | Calc weight report                             |
| APCLW12        | Continuation APCLW1                            |
| APCLW1P        | Print Dx by age                                |
| APCLW2         | Age bucket/diagnosis report                    |
| APCLW21        | Calc weight report                             |
| APCLW2P        | Print Dx by age                                |
| APCLWL1        | Clinic hourly workload report                  |
| APCLWL11       | Clinic hourly workload report                  |
| APCLWL1P       | Clinic hourly workload report                  |
| APCLXX         | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXAA       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXAB       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXBA       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXCA       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXD        | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXDA       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXE        | Created by ^XBERTN on Apr. 18, 1996            |
| APCLXXEA       | Created by ^XBERTN on Apr. 18, 1996            |
| APCLYV1        | Print list of CO and dependent visits          |
| APCLYV11       | Print APCLCO visit report (calc)               |
| APCLYV12       | CO visits report (print)                       |
| APCLYV2        | Outpatient visits by date range with ICD codes |
| APCLYV21       | Print outpatient visits with ICD codes (calc)  |
| APCLYV22       | Print outpatient visits with ICD codes         |
| APCLYV3        | Clinic visits by date range with POV           |
| APCLYV31       | Print clinic visits (calc)                     |
| APCLYV32       | Print clinic visits                            |
| APCLYV4        | Clinic visit counts by date range              |
| APCLYV41       | Clinic visit counts (calc)                     |
| APCLYV42       | Clinic visit counts print                      |
| APCLYV43       | clinic visit counts for 1 day (print)          |
| APCLYV5        | Inpatient visits with ICD codes                |
| APCLYV51       | Inpatient visits (calc)                        |
| APCLYV52       | Print inpatient visits                         |
| APCLYV6        | Visit counts by provider                       |
| APCLYV61       | Visit counts by provider (calc)                |

| <b>Routine</b> | <b>Description</b>                         |
|----------------|--------------------------------------------|
| APCLYV62       | Visit counts by provider print             |
| APCLYV63       | Visit counts by provider for 1 day (print) |

**Callable Routines**

The PCC Management Reports system has several public entry points, which are listed here.

| <b>Routine</b> | <b>Entry Point</b>                                                  |
|----------------|---------------------------------------------------------------------|
| APCLAGE+80     | HDR ;EP -Header                                                     |
| APCLAP0+2      | GETINFO ;EP                                                         |
| APCLAP12+4     | EOJ ;EP                                                             |
| APCLAP12+7     | DISC ;EP                                                            |
| APCLAP12+12    | CLIN ;EP                                                            |
| APCLAP12+16    | DATE ;EP                                                            |
| APCLAP12+20    | PROV ;EP                                                            |
| APCLAP22+4     | DATE ;EP                                                            |
| APCLAP22+8     | CLIN ;EP                                                            |
| APCLAP22+12    | SC ;EP                                                              |
| APCLAP22+20    | DX ;EP                                                              |
| APCLASK+7      | START1(APCLDFN,APCLCUML) ;EP                                        |
| APCLAUD+28     | ICDB1 ;EP                                                           |
| APCLAUD2+32    | HEAD ;EP                                                            |
| APCLAUD4+2     | TOP ;EP                                                             |
| APCLAUD4+29    | TOPHD ;EP                                                           |
| APCLAUD4+44    | ICDLN ;EP                                                           |
| APCLAUD5+38    | DISPLAY ;EP;SHOW CODES IN RANGE SELECTED                            |
| APCLBAN+67     | TEXT0 ;EP                                                           |
| APCLBAN+73     | TEXTN ;EP                                                           |
| APCLBAN+79     | TEXTM ;EP                                                           |
| APCLBAN+85     | TEXTD ;EP                                                           |
| APCLBAN+91     | TEXTTE ;EP                                                          |
| APCLBAN+97     | TEXTF ;EP                                                           |
| APCLBAN+103    | TEXTG ;EP                                                           |
| APCLBV11+2     | 1 ;EP                                                               |
| APCLBV11+17    | 2 ;EP                                                               |
| APCLCH1+68     | SET ;EP - ENTRY POINT                                               |
| APCLCH1P+87    | HEAD ;EP                                                            |
| APCLCH1S+4     | SETV ;EP                                                            |
| APCLCH1S+16    | EN ;EP - called from APCLCH1P                                       |
| APCLCH2+102    | SET ;EP - ENTRY POINT                                               |
| APCLCH2P+77    | HEAD ;EP                                                            |
| APCLCH2S+4     | INPT ;EP                                                            |
| APCLDF2+47     | RESULTS ;EP - Store results                                         |
| APCLDM+15      | REC(DFN,APCLRTYP) ;EP - called to send back a visit record as       |
| APCLDM+28      | WRITEF ;EP write flat file                                          |
| APCLDM5+47     | CLEAN ;EP                                                           |
| APCLDM6+3      | TOBACCO ;EP                                                         |
| APCLDM6+48     | RSTAT(R,S) ;EP - return # patients on register REG with status STAT |

| <b>Routine</b> | <b>Entry Point</b>                                                           |
|----------------|------------------------------------------------------------------------------|
| APCLDM7+4      | BSTAKEN ;EP                                                                  |
| APCLDM8+5      | PPD ;EP                                                                      |
| APCLDMNC+3     | DMNC ;EP -- called by taxonomy system                                        |
| APCLDP1+41     | PROC ;EP - entry point for processing                                        |
| APCLFPRP+3     | PRINT ;EP                                                                    |
| APCLFPRP+4     | COVPAGE ;EP                                                                  |
| APCLGV+47      | PROC ;EP - entry point for processing                                        |
| APCLM1+31      | PRN ;EP                                                                      |
| APCLM2+57      | PRN ;EP                                                                      |
| APCLOSUT+3     | XTMP(N,D) ;EP - set XTMP 0 node                                              |
| APCLPOS2+23    | ;;BULL ;EP GENERATE OR UPDATE BULLETIN                                       |
| APCLPOS2+78    | ;;TAX ;EP GENERATE OR UPDATE TAXONOMY                                        |
| APCLPOS2+127   | ;;KILL ;EP KILL VARIABLES AND ^TMP GLOBAL ENTRIES                            |
| APCLPOS3+25    | ;;ICD(X,Y,Z) ;EP >>EXTRN FUNC to see if ICD code belongs in certain taxonomy |
| APCLPOS4+29    | ;;EN(ZIBVKNS) ;EP - KILL VARIABLES IN NAME SPACE                             |
| APCLSRT2+2     | CHKVARS ;EP                                                                  |
| APCLSTMP+3     | EN ;EP - ENTRY POINT                                                         |
| APCLSTMP+7     | EN1 ;EP Help                                                                 |
| APCLSTMP+40    | SETRECS ;EP - Set Entries into Template                                      |
| APCLSTMV+3     | EN ;EP - ENTRY POINT                                                         |
| APCLSTMV+7     | EN1 ;EP Help Text                                                            |
| APCLSTMV+41    | SETRECS ;EP - Set Entries into Template                                      |
| APCLT1+38      | PROC ;EP - called from XBDBQUE                                               |
| APCLTEN1+70    | EXIT ;EP                                                                     |
| APCLTENP+4     | COVPAGE ;EP                                                                  |
| APCLUTL+7      | LZERO(V,L) ;EP - left zero fill                                              |
| APCLUTL+15     | RBLK(V,L) ;EP right blank fill                                               |
| APCLV01+3      | MEAS ;EP                                                                     |
| APCLV05+3      | DENT ;EP                                                                     |
| APCLV06+3      | PRIMPROV ;EP - primary provider in many different formats                    |
| APCLV06+15     | SECPROV ;EP                                                                  |
| APCLV06+28     | PROV ;EP                                                                     |
| APCLV06+38     | I ;EP                                                                        |
| APCLV06+40     | T ;EP                                                                        |
| APCLV06+42     | A ;EP                                                                        |
| APCLV06+44     | B ;EP                                                                        |
| APCLV06+49     | D ;EP                                                                        |
| APCLV06+55     | E ;EP                                                                        |
| APCLV06+58     | F ;EP                                                                        |
| APCLV06+61     | C ;EP                                                                        |
| APCLV06+63     | N ;EP                                                                        |
| APCLV06+65     | O ;EP                                                                        |
| APCLV06+67     | P ;EP                                                                        |

| <b>Routine</b> | <b>Entry Point</b>                                                      |
|----------------|-------------------------------------------------------------------------|
| APCLV06+99     | ATTPHY ;EP                                                              |
| APCLV06+111    | MIDWIFE ;EP                                                             |
| APCLV07+3      | PRIMPOV ;EP - primary provider in many different formats                |
| APCLV07+16     | SECPOV ;EP                                                              |
| APCLV07+30     | POV ;EP                                                                 |
| APCLV07+40     | ADMDX ;EP                                                               |
| APCLV08+3      | PROC ;EP                                                                |
| APCLV08+16     | PRC ;EP                                                                 |
| APCLV1+3       | COMM ;EP ; get Community-State, County, Community codes                 |
| APCLV1+14      | CHART ;EP - returns ASUFAC_HRN ( 12 digits, HRN is left zero filled)    |
| APCLV1+36      | LOCENC ;EP - given visit IEN V, return loc. of encounter in format F    |
| APCLV1+53      | VDTM ;EP - given visit IEN in V, return visit date and time in F format |
| APCLV1+61      | TIME ;EP - given visit IEN in V, returns visit time of day in format F  |
| APCLV1+83      | DOW ;EP - returns                                                       |
| APCLV1+91      | TYPE ;EP type of visit                                                  |
| APCLV1+98      | SC ;EP - service category                                               |
| APCLV1+105     | CLINIC ;EP - clinic                                                     |
| APCLV1+114     | EM ;EP - eval&man CPT code                                              |
| APCLV1+123     | LS ;EP - level of service code                                          |
| APCLV1+130     | NLAB ;EP - #labs                                                        |
| APCLV1+136     | NRX ;EP - #RXs                                                          |
| APCLV1+143     | ADMSERV ;EP                                                             |
| APCLV1+151     | DSCHSERV ;EP                                                            |
| APCLV1+159     | ADMTYPE ;EP                                                             |
| APCLV1+167     | DSCHTYPE ;EP                                                            |
| APCLV1+175     | DSCHDATE ;EP                                                            |
| APCLV1+183     | CONSULTS ;EP                                                            |
| APCLV1+190     | LOS ;EP                                                                 |
| APCLV1+198     | FACTX ;EP                                                               |
| APCLV1+207     | ACTTIME ;EP                                                             |
| APCLV1+214     | TRAVTIME ;EP                                                            |
| APCLV1+221     | CHSCOST ;EP                                                             |
| APCLV1+229     | PATIENT ;EP                                                             |
| APCLV1+238     | DLM ;EP                                                                 |
| APCLV1+246     | DVEX ;EP                                                                |
| APCLV1+254     | APWI ;EP                                                                |
| APCLV1+261     | CODT ;EP                                                                |
| APCLV1+269     | APDT ;EP                                                                |
| APCLV1+276     | OUTSL ;EP                                                               |
| APCLV1+282     | PCHART ;EP                                                              |
| APCLV11+3      | IMM ;EP                                                                 |
| APCLVDR+28     | PREC(DFN,APCLRTYP) ;EP -create a patient record                         |
| APCLVL+37      | PS1 ;EP                                                                 |
| APCLVL+133     | DEL ;EP DELETE LOG ENTRY IF ONE EXISTS AND USER "^" OUT                 |

| <b>Routine</b> | <b>Entry Point</b>                                                            |
|----------------|-------------------------------------------------------------------------------|
| APCLVL0+4      | Q ;EP                                                                         |
| APCLVL0+17     | R ;EP                                                                         |
| APCLVL01+4     | INFORM ;EP                                                                    |
| APCLVL01+21    | ADD ;EP                                                                       |
| APCLVL01+44    | PAUSE ;EP                                                                     |
| APCLVL01+49    | N ;EP                                                                         |
| APCLVL01+59    | J ;EP - JUST A HIT                                                            |
| APCLVL01+63    | Y ;EP - called from APCLVL0                                                   |
| APCLVL1+98     | XIT ;EP - CALLED FROM APCLVL                                                  |
| APCLVL1+102    | XIT1 ;EP                                                                      |
| APCLVL3+5      | TITLE ;EP                                                                     |
| APCLVL3+15     | SAVE ;EP                                                                      |
| APCLVL3+27     | COUNT ;EP                                                                     |
| APCLVL3+50     | SORT ;EP                                                                      |
| APCLVL4+47     | ADD ;EP - add an item to the selected list - called from a protocol           |
| APCLVL4+92     | REM ;EP - remove a selected item - called from protocol entry                 |
| APCLVL4+108    | Q ;EP - quit selections                                                       |
| APCLVL4+111    | EXITR ;EP - exit report called from protocol entry                            |
| APCLVLD+6      | EN ;EP - called from an option                                                |
| APCLVLP+2      | START ;EP - Set up header line, dash line                                     |
| APCLVLP1+4     | COVPAGE ;EP                                                                   |
| APCLVLP1+57    | WP ;EP - Entry point to print WP fields pass node in APCLNODE                 |
| APCLVLP2+3     | DONE ;EP                                                                      |
| APCLVLP2+15    | HEAD1 ;EP                                                                     |
| APCLVLP2+29    | WRITEF ;EP - write out flat file                                              |
| APCLVLS+3      | SHOWP ;EP                                                                     |
| APCLVLS+17     | SHOW ;EP                                                                      |
| APCLVLS+33     | SHOWR ;EP                                                                     |
| APCLVLS1+4     | DIRQ ;EP                                                                      |
| APCLVLU+50     | MCDPN(P,D,F) ;EP - return Medicaid plan name                                  |
| APCLVLU+86     | PIV(P,D) ;EP - return 1 or 0 if current pi policy has been verified, return 1 |
| APCLVLU+106    | PIN(P,D,F) ;EP private insurer name (external or internal)                    |
| APCLVLU+125    | LOS(V) ;EP called from PCC Management Reports visit sort                      |
| APCLVLU+139    | THIRD ;EP                                                                     |
| APCLVLU1+20    | MCD ;EP                                                                       |
| APCLVLU1+39    | PI ;EP                                                                        |
| APCLVLU1+57    | PIV ;EP                                                                       |
| APCLVLU1+75    | ML ;EP - set up mailing address print array                                   |
| APCLW11+4      | START ;EP                                                                     |
| APCLW12+4      | SETE ;EP - set for each age                                                   |
| APCLW12+18     | SETG ;EP                                                                      |
| APCLW12+22     | SETGROUP ;EP                                                                  |
| APCLW21+4      | START ;EP                                                                     |
| APCLXXBA+6     | ;;BULL ;EP GENERATE OR UPDATE BULLETIN                                        |

| <b>Routine</b> | <b>Entry Point</b>                                                    |
|----------------|-----------------------------------------------------------------------|
| APCLXXBA+61    | ;;TAX ;EP GENERATE OR UPDATE TAXONOMY                                 |
| APCLXXBA+110   | ;;KILL ;EP KILL VARIABLES AND ^TMP GLOBAL ENTRIES                     |
| APCLXXCA+26    | ;;TXC(ATXCIEN,ATXTIEN,TEST) ;EP-EXTRN FUNC/see if code is in taxonomy |
| APCLXXEA+13    | ;;EN(ZIBVKNS) ;EP - KILL Local variables in the passed namespace.     |
| APCLYV31+3     | DGZCALL ;EP for DGZCALLS routine                                      |
| APCLYV42+52    | HEAD0 ;EP                                                             |



## Files

|                 |                                                  |
|-----------------|--------------------------------------------------|
| 9001003.5       | PCC Management Reports sort                      |
| 9001003.56      | Navigation for files                             |
| 9001003.51      | Associated print template(s)                     |
| 9001003.2       | PCC Management Reports operation summary section |
| 9001003.1       | PCC Management Reports operation summary type    |
| 9001003.11      | Structure                                        |
| 9001003.6       | PCC Management Reports activity group            |
| 9001003.61101   | Disciplines in group                             |
| 9001200         | PCC Management Reports template                  |
| 9001200.01101   | Description                                      |
| 9001200.02101   | Template                                         |
| 9001200.03101   | Parameter                                        |
| 9001200.311101  | Parameter description                            |
| 9001003.8       | PCC Management Reports visit report template     |
| 9001003.81101   | Screen items                                     |
| 9001003.8110101 | Item value                                       |
| 9001003.81102   | Print items                                      |
| 9001003.7       | PCC Management Reports visit sort                |
| 9001003         | PCC Management Reports control file              |
| 9001003.01101   | Items                                            |
| 9001003.01201   | DM Audit laboratory tests                        |
| 9001003.121101  | Site/specimen                                    |
| 9001003.9       | PCC Management Reports BMI std. ref.             |
| 9001004.1       | PCC Management Reports output record def.        |
| 9001004.2101    | Items                                            |
| 9001004.210112  | Description                                      |
| 9001004.11301   | Static data                                      |

## Cross-References

9001003.6 PCC MAN REPORTS ACTIVITY GROUP  
NAME OF GROUP (.01)  
1 B REGULAR

9001003.9 PCC MAN REPORTS BMI STND REF  
LOW AGE (.01)  
1 B REGULAR  
  
HIGH AGE (.02)

9001003 PCC MAN REPORTS CONTROL FILE  
NAME (.01)  
1 B REGULAR

9001003.2 PCC MAN REPORTS OP SUM SECTION  
NAME (.01)  
1 B REGULAR

9001003.1 PCC MAN REPORTS OP SUM TYPE  
NAME (.01)  
1 B REGULAR

9001004.1 PCC MAN REPORTS OUTPUT RECORD DEF  
RECORD NAME (.01)  
1 B REGULAR

9001200 PCC MAN REPORTS REPORT TEMPLATE  
NAME (.01)  
1 B RE

9001003.5 PCC MAN REPORTS SORT  
NAME (.01)  
1 B REGULAR

9001003.8 PCC MAN REPORTS VISIT REPORT TEMP  
\$J\_\$H  
1 B REGULAR  
  
NAME OF REPORT (.03)  
1 C REGULAR

SORT ITEM (.07)  
1 TRIGGER

9001003.7 PCC MAN REPORTS VISIT SORT  
ITEM (.01)  
1 B REGULAR  
2 U MUMPS

ORDER ON MENU (.09)  
1 C REGULAR

## Exported Options

APCL E CREATE REPORT TEMPLATE  
APCL E CREATE TAX  
APCL E DM CHOLESTEROL TAX  
APCL E DM CREATE CREATININE  
APCL E DM CREATE MED TAX  
APCL E DM CREATE PAP TAX  
APCL E DM CREATE URINALYSIS  
APCL E DM GLUCOSE TAX  
APCL E DM HGB A1C TAX  
APCL E DM TRIGLYCERIDE TAX  
APCL E DM URINE PROTEIN TAX  
APCL E MOD/DEL REPORT TEMPLATE  
APCL M DM AUDIT  
APCL M DX/PROC COUNT REPORTS  
APCL M IMMUNIZATION  
APCL M MAN ALL REPORTS  
APCL M MAN APC REPORTS/PCC  
APCL M MAN BILLING REPORTS  
APCL M MAN INPATIENT REPORTS  
APCL M MAN PATIENT LISTINGS  
APCL M MAN QUALITY ASSURANCE  
APCL M MAN REPORTS BMI  
APCL M MAN RESOURCE ALLOCATION  
APCL M REPORT TEMPLATE  
APCL M SU OPERATIONS SUMMARY  
APCL M VISIT FOR PT  
APCL MENU PHN REPORTS  
APCL P ALLV CLINIC  
APCL P ALLV CLINIC APPT/WI  
APCL P ALLV DATA ANALYSIS  
APCL P ALLV DATE  
APCL P ALLV DISC  
APCL P ALLV DX  
APCL P ALLV LOCATION  
APCL P ALLV PCC REPORT AA  
APCL P ALLV PRIM CARE DAILY  
APCL P ALLV PRIM CARE MONTHLY  
APCL P ALLV PROV  
APCL P ALLV SERVICE CAT  
APCL P APC 1A NOT EXPORTED  
APCL P APC AVG VISITS BY CLN  
APCL P APC AVG VISITS BY DAY

APCL P APC AVG VTS CLN ALL SVC  
APCL P APC CLINIC  
APCL P APC CYV SUMMARY  
APCL P APC DATE  
APCL P APC DISC  
APCL P APC DX  
APCL P APC DX CATEGORY  
APCL P APC LOCATION  
APCL P APC PCC 1A  
APCL P APC PROVIDER  
APCL P BILL BILLABLE VISITS  
APCL P BILL CO VISITS  
APCL P BILL COMMOFF  
APCL P BILL MEDICAID  
APCL P BILL MEDICARE A  
APCL P BILL MEDICARE B  
APCL P BILL PRIVATE INS  
APCL P BMI LIST PATIENTS  
APCL P BMI LIST PATS OBESE  
APCL P BMI LIST PATS OVERW  
APCL P BMI PREV TABLE  
APCL P BMI STAND REF TABLE  
APCL P CLINIC WAIT TIMES  
APCL P DATA FETCHER  
APCL P DIABETES QA AUDIT  
APCL P IMM ADULT IMM NEEDS  
APCL P IMM KIDS NOT ON REG  
APCL P INPT DISCH W/I TAXONOMY  
APCL P INPT HOSP DISCH  
APCL P INPT HOSP DISCH BY MOD  
APCL P INPT HOSP LIST BY DX  
APCL P LIST PATS ERROR RANGE  
APCL P LIST PATS OV/OB  
APCL P PATLIST BY CURRCOM  
APCL P PATLIST DEMOGRAPHICS  
APCL P PATLIST DESIG PROV  
APCL P PATLIST DOB LISTING  
APCL P PATLIST DOD LISTING  
APCL P PATLIST DP-W/ V COUNTS  
APCL P PATLIST R-DMG-510  
APCL P PRINT REPORT TEMPLATE  
APCL P QA A1 RET ER  
APCL P QA ADMITS FROM ER  
APCL P QA ALL VISITS BY PROV  
APCL P QA AZQ2AUD

APCL P QA CLINIC ICD  
APCL P QA CLINIC VISIT CNTS  
APCL P QA CLN CNTS BY ZIPCODE  
APCL P QA DELETE REP DEF  
APCL P QA DIAGNOSES BY AGE  
APCL P QA DX TALLY BY FAC  
APCL P QA FREQ DX  
APCL P QA FREQ PROCEDURES  
APCL P QA LAST VISIT  
APCL P QA LAST CLINIC VISIT  
APCL P QA LAST VISIT  
APCL P QA OUTPATIENT WITH ICD  
APCL P QA PATIENT GEN RETR  
APCL P QA POVAPC  
APCL P QA PROV CNTS TEMPLATE  
APCL P QA PROVIDER COUNTS  
APCL P QA PTS WITH n OF VISITS  
APCL P QA READMITS W/IN 30  
APCL P QA VISIT GEN RETR  
APCL P QA VISIT INJURY SUM  
APCL P QA VISITS W/ INJURIES  
APCL P QA VISITS W/ADA CODES  
APCL P RES ACTIVE BY COMM  
APCL P RES ACTIVE BY SU OF RES  
APCL P RES ACTIVE BY TRIBE  
APCL P RES APCLPCT BY COMM  
APCL P RES APCLPCT BY SU  
APCL P RES APCLPCT BY TRIBE  
APCL P RES CLINIC HOURLY W/L  
APCL P RES COMMUNITY PROFILE  
APCL P RES PAT AGE BUCKETS  
APCL P SU DISPLAY SUMM TYPE  
APCL P SU OPERATIONS SUMMARY  
APCL P SU SUMM SECTIONS  
APCL P SU SUMM TYPE  
APCL PHN CREATE ACTIVITY GROUP  
APCL PHN INDS BY PROV  
APCL PHN INDS BY SU  
APCL PHN INQ ACTIVITY GROUP  
APCL PHN PRIM PROB BY LOC  
APCL PHN PRIM PROB BY PROV  
APCL PHN PRIM PROB BY SU  
APCL PHN SERV BY AGE AND SEX  
APCL PHN TIME AND SER BY PROV  
APCL PHN TIME AND SER BY SU

APCL PHN TOP TEN PRIM PROB  
APCLMENU

## **Archiving and Purging**

There is no archiving and purging in this package.



## External Relations

This package calls the following documented entry points:

|                     |                      |
|---------------------|----------------------|
| EN3^AMQQ            | EN^VALM              |
| EN1^AMQQGTX         | TERM^VALM0           |
| ^AMQQGTX0           | CLEAR^VALM1          |
| EN1^AMQQTX          | FULL^VALM1           |
| \$\$ICD^ATXCHK      | ^XBDBQUE             |
| EN^ATXLABA          | \$\$VAL^XBIDIQ1      |
| BULL^ATXSTX2        | \$\$VALI^XBIDIQ1     |
| KILL^ATXSTX2        | ^XBFBMK              |
| TAX^ATXSTX2         | \$\$EXTSET^XBFUNC    |
| ^AUPNPAT            | \$\$PROVCLS^XBFUNC1  |
| \$\$AGE^AUPNPAT     | \$\$PROVCLSC^XBFUNC1 |
| \$\$BEN^AUPNPAT     | ^XBGSAVE             |
| \$\$COMMRES^AUPNPAT | EN2^XBKD             |
| \$\$DOB^AUPNPAT     | ^XBKVAR              |
| \$\$HRN^AUPNPAT     | \$\$DOW^XLFDT        |
| \$\$MCD^AUPNPAT     | \$\$FMADD^XLFDT      |
| \$\$MCR^AUPNPAT     | \$\$FMDIFF^XLFDT     |
| \$\$PI^AUPNPAT      | \$\$FMTE^XLFDT       |
| \$\$SEX^AUPNPAT     | \$\$LOW^XLFSTR       |
| KILL^AUPNPAT        | \$\$UP^XLFSTR        |
| DOT^ORVOM           | DISP^XQORM1          |

## **Internal Relations**

All users should be given the access to the appropriate options and keys to them, as needed. All of the options in this system stand alone.

## How to Generate On-Line Documentation

The file number range for this package is 9001003.5-9001004.11301. The namespace is APCL. All templates, routines, screen forms, etc. begin with APCL.

This section describes some of the methods by which users can generate PCC Management Reports technical documentation. Online technical documentation pertaining to the Management Reports software, in addition to that which is located in the help prompts and on the help screens throughout the package, can be generated through the use of several Kernel options. These include, but are not limited to, the following:

- ◆ %INDEX
- ◆ Menu Management
- ◆ Inquire Option
- ◆ Print Option File
- ◆ VA FileMan
- ◆ Data Dictionary Utilities
- ◆ List File Attributes

Entering question marks at the “Select...Option” prompts can also provide users with valuable technical information. For example, a single question mark (?) lists all options that can be accessed from the current option. Entering two question marks (??) lists all options accessible from the current one, showing the formal name and lock for each. Three question marks (???) displays a brief description for each option in a menu, whereas an option name preceded by a question mark (?OPTION) shows extended help, if available, for that option.

For a more exhaustive option listing and further information about other utilities that supply online technical information, please consult the DHCP Kernel Reference manual.

### **%INDEX**

This option analyzes the structure of a routine to determine in part if the routine adheres to RPMS Programming Standards. The %INDEX output can include the following components:

- ◆ Compiled list of errors and warnings
- ◆ Routine listing
- ◆ Local variables
- ◆ Global variables
- ◆ Naked globals
- ◆ Label references
- ◆ External references

By running %INDEX for a specified set of routines, you are afforded the opportunity to discover any deviations from RPMS Programming Standards that exist in the selected routines and to see how routines interact with one another (i.e., which routines call or are called by other routines).

To run %INDEX for the PCC Management Reports module, specify the APCL namespace at the Routine(s)?> prompt.

**Note:** *Management Reports initialization routines that reside in the UCI in which %INDEX is being run, compiled template routines, and local routines found within the APCL namespace should be omitted at the Routine(s)?> prompt. To omit routines from selection, preface the namespace with a minus sign (-).*

### ***Inquire Option***

This menu management option provides the following information about a specified option:

- ◆ Option name
- ◆ Menu text
- ◆ Option description
- ◆ Type of option
- ◆ Lock (if any)

In addition, all items on the menu are listed for each menu option. To secure information about PCC Management Reports options, you must specify the APCL namespace.

### ***Print Option File***

This utility generates a listing of options from the Option file (#19). You can choose to print all of the entries in this file or you can specify a single option or range of options. For a list of Management Reports options, please refer to the Exported Options section of this manual.

### ***List File Attributes***

This VA FileMan option allows you to generate documentation pertaining to files and file structure. Using the Standard format of this option yields the following data dictionary information for a specified file:

- ◆ File name and description
- ◆ Identifiers
- ◆ Cross-references
- ◆ Files pointed to by the file specified
- ◆ Files that point to the file specified
- ◆ Input, print, and sort templates

In addition, the following applicable data is supplied for each field in the file:

- ◆ Field name, number, title, and description
- ◆ Global location
- ◆ Help prompt
- ◆ Cross-references
- ◆ Input transform
- ◆ Date last edited
- ◆ Notes

Using the Global Map format of this option generates an output that lists the following information:

- ◆ All cross-references for the file selected
- ◆ Global location of each field in the file
- ◆ Input, print, and sort templates

For a comprehensive listing of PCC Management Reports package files, please refer to the Files section of this manual.

## **SAC Requirements/Exemptions**

There were no exemptions necessary for this package.

## Glossary

|                             |                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APC                         | Ambulatory patient care.                                                                                                                                                                                                                                                                                                                                             |
| Cross-reference             | An indexing method whereby files can include pre-sorted lists of entries as part of the stored database. Cross-references (x-refs) facilitate lookup and reporting.                                                                                                                                                                                                  |
| ICD                         | International Classification of Diseases.                                                                                                                                                                                                                                                                                                                            |
| IHS                         | Indian Health Service.                                                                                                                                                                                                                                                                                                                                               |
| INDEX (%INDEX)              | A Kernel utility used to verify routines and other MUMPS code associated with a package. Checking is done according to current ANSI MUMPS standards and RPMS programming standards. This tool can be invoked through an option or from direct mode (>D ^%INDEX).                                                                                                     |
| Init                        | Initialization of an application package. The initialization step in the installation process builds files from a set of routines (the init routines). Init is a shortened form of initialization.                                                                                                                                                                   |
| Internal Entry Number (IEN) | The number used to identify an entry within a file. Every record has a unique internal entry number.                                                                                                                                                                                                                                                                 |
| IRM                         | Information Resource Management. The IHS personnel responsible for information systems management and security.                                                                                                                                                                                                                                                      |
| Kernel                      | The set of MUMPS software utilities that function as an intermediary between the host operating system and application packages, such as Laboratory and Pharmacy. The Kernel provides a standard and consistent user and programmer interface between application packages and the underlying MUMPS implementation. These utilities provide the foundation for RPMS. |
| Namespace                   | A unique set of 2 to 4 alpha characters that are assigned by the database administrator to a software application.                                                                                                                                                                                                                                                   |
| Node                        | In a tree structure, a point at which subordinate items of data originate. A MUMPS array element is characterized by a name and unique subscript. Thus the terms node, array element, and subscripted variable are synonymous. In a global array, each node might have specific fields or “pieces” reserved for data attributes such as name.                        |
| Option                      | An entry in the Option file. As an item on a menu, an option provides an opportunity for users to select it, thereby invoking the associated computing activity. Options may also be scheduled to run in the background, non-interactively, by TaskMan.                                                                                                              |
| Programmer Mode             | Entry into an application directly from the MUMPS prompt instead of from the menu system; for example, by typing D P^DI.                                                                                                                                                                                                                                             |
| Queuing                     | Requesting that a job be processed at a later time rather than within the current session.                                                                                                                                                                                                                                                                           |

|           |                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Routine   | A program or sequence of instructions called by a program that may have some general or frequent use. MUMPS routines are groups of program lines that are saved, loaded, and called as a single unit via specific name.                                                                                                                                                         |
| Templates | A way of associating fields in a file or in related files for later reference. Edit sequences are stored in the Input Template file, print specifications are stored in the Print Template file, and search or sort specifications are stored in the Sort Template file.                                                                                                        |
| Utility   | A callable routine line tag or function. A universal routine usable by anyone.                                                                                                                                                                                                                                                                                                  |
| Variable  | A character or group of characters that refer to a value. MUMPS recognizes 3 types of variables: local variables, global variables, and special variables. Local variables exist in a partition of the main memory and disappear at sign-off. A global variable is stored on disk, potentially available to any user. Global variables usually exist as parts of global arrays. |