



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **Uniform Data System**

(BUD)

## **Technical Manual**

Version 15.0  
December 2020

Office of Information Technology (OIT)  
Division of Information Technology

# Table of Contents

<b>1.0</b>	<b>About this Manual .....</b>	<b>1</b>
1.1	Key Changes for Version 15.0.....	1
1.1.1	Menu Changes .....	1
1.1.2	Table 3B – Demographic Characteristics .....	1
1.1.3	Table 6A – Selected Diagnosis and Services Rendered .....	1
1.1.4	Table 6B–Quality of Care Measures.....	1
1.1.5	Table 7 – Quality of Care Indicators .....	2
1.1.6	Taxonomy Changes .....	2
<b>2.0</b>	<b>Introduction.....</b>	<b>3</b>
2.1	About the BPHC Uniform Data System .....	3
2.2	RPMS UDS Reporting System Overview .....	4
<b>3.0</b>	<b>Implementation and Maintenance .....</b>	<b>5</b>
3.1	System Requirements .....	5
3.2	Security Keys.....	5
<b>4.0</b>	<b>Routines .....</b>	<b>6</b>
<b>5.0</b>	<b>Tables and Files.....</b>	<b>13</b>
5.1	File List .....	13
5.2	File Access .....	13
5.3	Cross References .....	14
5.4	Table File.....	20
<b>6.0</b>	<b>External Relations .....</b>	<b>25</b>
6.1	External Calls.....	25
6.2	Callable Routines.....	37
6.3	Published Entry Points.....	37
6.4	Exported Options.....	37
<b>7.0</b>	<b>Internal Relations .....</b>	<b>42</b>
<b>8.0</b>	<b>Security Keys .....</b>	<b>43</b>
<b>9.0</b>	<b>Archiving and Purging .....</b>	<b>44</b>
<b>10.0</b>	<b>Documentation Resources .....</b>	<b>45</b>
10.1	How to Generate Online Documentation .....	45
10.2	System Documentation.....	45
10.2.1	%INDEX .....	45
10.2.2	Inquire Option.....	46
10.2.3	Print Option File.....	46
10.2.4	List File Attributes .....	46
10.3	Online Help.....	47
<b>11.0</b>	<b>Standards and Conventions Requirements .....</b>	<b>48</b>

**Glossary**..... **49**  
**Acronym List** ..... **51**  
**Contact Information** ..... **52**

## Revision History

Version	Date	Author	Section	Page Number	Summary of Change
1.0	December 2020	Lori Butcher	All	All	Initial Version

## Preface

This manual contains the technical overview of the Resource and Patient Management System (RPMS) Uniform Data System (UDS) Reporting System for calendar year 2020. Please note that this manual contains information regarding the UDS 2020 reports, routines, files, and options only. For information regarding previous year's reports, please see the technical manual for that year and version.

RPMS UDS Reporting is intended for use by Tribal or Urban health facilities receiving grant funds for primary care system development programs administered by the Bureau of Primary Health Care (BPHC), Health Resources and Services Administration (HRSA). The RPMS UDS Reporting System provides passive extraction of patient and visit data from the Indian Health Service (IHS) RPMS to produce 9 of the 11 UDS report tables required annually by BPHC grantees.

**Note:** Submit 2020 UDS data by February 15, 2021 to assure adequate time for review and correction of data errors prior to final submission. Changes to these data will be permitted until March 31, 2021.

The RPMS UDS Reporting System software will be reviewed annually and updated as needed as BPHC reporting requirements change.

Additional information about BPHC grants and BPHC UDS reporting can be found at the following website: <https://bphc.hrsa.gov/datareporting/reporting/index.html>.

### Rules of Behavior

All RPMS users are required to observe Department of Health and Human Services (HHS) and IHS Rules of Behavior (ROB) regarding patient privacy and the security of both patient information and IHS computers and networks. This document provides both RPMS and UDS ROB.

## 1.0 About this Manual

This manual provides the technical documentation for the RPMS UDS Reporting System for CY 2020.

### 1.1 Key Changes for Version 15.0

- Added new Provider Code F2 - Denturist to Line 18 on Table 5.
- Created patient lists for new measures in Table 6B.

#### 1.1.1 Menu Changes

- Menu Changes:
  - Added **UD20 UDS 2020** ... menu option.
  - Removed **UD14 UDS 2014** through **UD18 UDS 2018**... menu options.

#### 1.1.2 Table 3B – Demographic Characteristics

- Added new line 18a: Unknown.
- Add new line 25a: Unknown.

#### 1.1.3 Table 6A – Selected Diagnosis and Services Rendered

- Added new lines:
  - 4c: Novel coronavirus (SARS-CoV-2) disease
  - 6a: Acute respiratory illness due to novel coronavirus (SARS-CoV-2) disease
  - 20e: Human Trafficking
  - 20f: Intimate Partner Violence
  - 21c: Novel coronavirus (SARS-CoV-2) diagnostic test
  - 21d: Novel coronavirus (SARS-CoV-2) antibody test
  - 21e: Pre-Exposure Prophylaxis (PrEP)-associated management of all PrEP patients
- Code updates.

#### 1.1.4 Table 6B–Quality of Care Measures

- Aligned many measures with 2020 version of the Center for Medicare and Medicaid Services (CMS) electronic Clinical Quality Measures (eCQM):
  - Section C – Childhood Immunizations: updated to CMSv117v8

- Section D – Cervical Cancer Screening: updated to CMS 124v8
- Section E – Weight Assessment and Counseling for Nutrition and Physical Activity of Children and Adolescents: updated to CMS 155v8
- Section F – Preventive Care and Screening: BMI Screening and Follow-Up: updated to CMS 69v8
- Section G – Preventative Care and Screening: Tobacco Use: Screening and Cessation Intervention: updated to CMS 138v8
- Section H – Statin Therapy for the Prevention and Treatment of Cardiovascular Disease: Lipid Therapy (CMS 347v3)
- Section J – Colorectal Cancer Screening: updated to CMS 130v8
- Section L – Preventative Care and Screening: Screening for Depression and Follow-Up Plan: updated to CMS 2v9
- Add the following new measures using the 2020 version of the CMS eCQM measures:
  - Breast Cancer Screening (CMS125v8)
  - HIV Screening (CMS 349v2)
  - Depression Remission at Twelve Months (CMS159v8)
- Revised HIV Linkage to Care Measure to look for patients whose first ever HIV diagnosis was between December 1 of the prior year and November 30 of the reporting year with follow up treatment within 30 days.
- Removed Use of Appropriate Medications for Asthma measure.

### 1.1.5 Table 7 – Quality of Care Indicators

- Aligned measures with 2020 version of the CMS eCQM measures.
- Section B – Controlling High Blood Pressure: updated to CMS 165v8
- Section C – Diabetes: Hemoglobin A1c (HbA1c) Poor Control (greater than [ $>$ ] 9%): updated to CMS 122v8

### 1.1.6 Taxonomy Changes

- Added BUD HIV PREP TAX and removed BGP PQA CONTROLLER MEDS and BGP PQA SABA MEDS.

## 2.0 Introduction

IHS RPMS UDS Reporting is intended for use by Tribal or Urban health facilities receiving grant funds for primary care system development programs administered by the BPHC and HRSA. The RPMS UDS Reporting System provides passive extraction of patient and visit data from the RPMS to produce 9 of the 11 UDS reports. For each of the 9 reports, RPMS UDS also produces lists of all patients and related visits that are counted in the reports.

**Note:** The UDS 2020 reports are due to BPHC on or before February 15, 2021 to assure adequate time for review and correction of data errors prior to final submission. Changes to these data will be permitted until March 31, 2021.

RPMS UDS Reporting System software will be reviewed annually and updated as needed as BPHC reporting requirements change.

## 2.1 About the BPHC Uniform Data System

The BPHC UDS is an integrated reporting system used by all grantees of the following primary care programs administered by the BPHC, HRSA:

- Community Health Center, as defined in Section 330(e) of the Health Centers Consolidation Act as amended
- Migrant Health Center, as defined in Section 330(g) of the Act
- Health Care for the Homeless, as defined in Section 330(h) of the Act
- Public Housing Primary Care, as defined in Section 330(i) of the Act

BPHC collects data on its programs to ensure compliance with legislative mandates and to report to Congress, the Office of Management and Budget (OMB), and other policy makers on program accomplishments. To meet these objectives, BPHC requires that grantees annually submit a core set of information that is appropriate for monitoring and evaluating performance and for reporting on annual trends. The UDS is the vehicle used by BPHC to obtain this information.

UDS reports provide a comprehensive picture of all activities within the scope of BPHC-supported projects. Grantees should report on the total unduplicated number of patients and activities within the scope of projects supported by all BPHC primary care programs covered by the UDS.

See the Quick Reference Guide for relevant excerpts from the BPHC UDS manual. Additional information can be obtained from the following website:  
<https://bphc.hrsa.gov/datareporting/reporting/index.html>.

## 2.2 RPMS UDS Reporting System Overview

The RPMS UDS Reporting System is a software tool that produces 9 of the 11 reports required annually by BPHC grantees. These reports provide an overview of patients and visits at a grantee facility, including number, age, gender, zip code of residence, race/ethnicity of patients, number of visits by provider type, by key diagnoses and services, quality of care indicators and health outcome, and disparities. The system produces the following reports:

- Patients by Zip Code
- Table 3A Patients by Age and Gender
- Table 3B Patients by Hispanic or Latino Identity/Race/Language
- Table 4 Selected Patient Characteristics
- Table 5 Staffing and Utilization (Column A)
- Table 5 Staffing and Utilization (Columns B and C)
- Table 6A Selected Diagnoses and Services Rendered
- Table 6B Quality of Care Indicators
- Table 7 Health Outcome and Disparities
- Table 9D Patient-Related Revenue

Additionally, RPMS UDS will provide the following lists to assist in verifying data:

- LST1–Lists for Tables Zip Code, 3A & 3B, 4, 5, and 6A
- LST2–Lists for Table 6B
- LST3–Lists for Table 7

Individual quarter reports for the entire calendar year can also be run.

**Note:** Tables 6B and 7 must be run using the **Full Calendar Year** option. If these reports are run using the **Quarterly** options, the totals combined will not match the calendar year totals.

The RPMS UDS also includes an option to save all patients that meet the BPHC definition of a patient to an RPMS search template. That data can then be used to prepare the other needed reports that are submitted to BPHC.

**Note:** BPHC reporting is based on calendar year (January through December) rather than fiscal year (October through September).

See the “Report Descriptions” section in the *BUD User Manual* for a description of the detailed logic for each report.

## 3.0 Implementation and Maintenance

The RPMS UDS occupies the BUD namespace. Options, security locks and keys, templates, routines, and globals are namespaced “BUD.”

### 3.1 System Requirements

- Kernel v8.0 patch 1018 (XU\*8.0\*1018) or later
- FileMan v22.0 patch 1018 (DI\*22.0\*1018) or later
- Uniform Data System V14.0 (bud\_1400.k)
- Clinical Reporting System V20.1 or higher (bgp\_2010.k)
- Taxonomy System V5.1 through patch 35 (atx\_0510.35k)
- CPT v2.20 through patch 6 (acpt2020.06k)

### 3.2 Security Keys

Table 3-1 provides a list of security keys and their descriptions.

Table 3-1: Security Keys

Name	Descriptive Name	Description
BUDZMGR	BUD MANAGER UTILITIES	This key unlocks the manager utilities menu option. Give this key to the person in charge of UDS reporting.
BUDZMENU	BUD MAIN MENU-UDS	This key unlocks the main UDS menu. It should be assigned to all users who need to run UDS reports.

## 4.0 Routines

Table 4-1 lists routine names and a description of each. The description includes the date the routine was created.

Table 4-1: Routines

<b>Routine</b>	<b>Description</b>
BUDK1	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK1A	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1B	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1C	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK1D	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1E	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1F	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1G	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1H	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1I	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1J	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1K	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1L	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1M	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1N	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1O	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1P	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1Q	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1R	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1S	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1T	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1U	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1V	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1W	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1X	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1Y	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK1Z	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 22, 2020
BUDK2A	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2B	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019

<b>Routine</b>	<b>Description</b>
BUDK2C	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2D	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2E	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2F	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2G	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2H	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2I	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2J	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2K	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2L	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 22, 2020
BUDK2M	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2N	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 25, 2019
BUDK2O	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2P	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2Q	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2R	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2S	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2T	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2U	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2V	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2W	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2X	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2Y	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK2Z	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3	IHS/CMI/LAB-CREATED BY ^ATXSTX ON OCT 29, 2019
BUDK3A	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3B	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3C	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3D	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3E	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3F	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 26, 2019
BUDK3G	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3H	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3I	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3J	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019

<b>Routine</b>	<b>Description</b>
BUDK3K	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3L	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3M	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3N	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUN 27, 2019
BUDK3O	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3P	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3Q	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3Q2	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3R	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3S	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3T	IHS/CMI/LAB-CREATED BY ^ATXSTX ON OCT 29, 2019
BUDK3U	IHS/CMI/LAB-CREATED BY ^ATXSTX ON OCT 29, 2019
BUDK3V	IHS/CMI/LAB-CREATED BY ^ATXSTX ON OCT 29, 2019
BUDK3W	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3X	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3Y	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK3Z	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 01, 2019
BUDK4	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 15, 2020
BUDK4A	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 02, 2019
BUDK4B	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 02, 2019
BUDK4C	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4D	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4E	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4F	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4G	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4H	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 03, 2019
BUDK4I	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4J	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4J2	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4K	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4L	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4M	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4N	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 04, 2019
BUDK4O	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019
BUDK4P	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019

<b>Routine</b>	<b>Description</b>
BUDK4Q	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019
BUDK4R	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019
BUDK4S	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019
BUDK4T	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 05, 2019
BUDK4U	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 08, 2019
BUDK4V	IHS/CMI/LAB -CREATED BY ^ATXSTX ON JUL 08, 2019
BUDK4W	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 15, 2019
BUDK4X	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK4Y	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 15, 2020
BUDK4Z	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 15, 2020
BUDK5	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 24, 2020
BUDK5A	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 25, 2020
BUDK5B	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 25, 2020
BUDK5C	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 25, 2020
BUDK5D	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 30, 2020
BUDK5E	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 31, 2020
BUDK5E2	IHS/CMI/LAB-CREATED BY ^ATXSTX ON MAR 31, 2020
BUDK5F	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK5G	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK5H	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK5I	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 13, 2020
BUDK5J	IHS/CMI/LAB-CREATED BY ^ATXSTX ON JUL 24, 2020
BUDKBAN	IHS/CMI/LAB - Banner routine for uds
BUDKDSI	IHS/CMI/LAB - DISPLAY IND LISTS
BUDKDU	IHS/CMI/LAB - uds utility calls
BUDKENV	IHS/CMI/LAB - environmental check post init
BUDKRP61	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP62	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP63	IHS/CMI/LAB - MMR 02 Feb 2019 11:25 AM
BUDKRP64	IHS/CMI/LAB - VARICELLA 02 Feb 2019 11:25 AM
BUDKRP65	IHS/CMI/LAB - ROTA 02 Feb 2019 11:25 AM
BUDKRP66	IHS/CMI/LAB - UDS REPORT
BUDKRP67	IHS/CMI/LAB - UDS TABLE 6B DRIVER 02 Jul 2019 8:56 AM
BUDKRP68	IHS/CMI/LAB - UDS REPORT
BUDKRP6A	IHS/CMI/LAB - TABLE 6 MEASURES

<b>Routine</b>	<b>Description</b>
BUDKRP6B	IHS/CMI/LAB - UDS TABLE 6B DRIVER 02 Jul 2019 8:56 AM
BUDKRP6C	IHS/CMI/LAB - UDS T6B PROCESS
BUDKRP6D	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6E	IHS/CMI/LAB - UDS REPORT TABLE 6B
BUDKRP6F	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6G	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6H	IHS/CMI/LAB - UDS REPORT PROCESS
BUDKRP6I	IHS/CMI/LAB - UDS REPORT T6B
BUDKRP6J	IHS/CMI/LAB - UDS REPORT T6B PROCESS
BUDKRP6K	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6L	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6M	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6N	IHS/CMI/LAB - UDS REPORT
BUDKRP6O	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6P	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6Q	IHS/CMI/LAB - UDS T6B
BUDKRP6R	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6S	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6T	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 6B
BUDKRP6U	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6V	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP6W	IHS/CMI/LAB - UDS REPORT T6B PROCESS
BUDKRP6X	IHS/CMI/LAB - measure C 13 Jun 2020 4:06 PM
BUDKRP6Y	IHS/CMI/LAB - UDS REPORT T6B
BUDKRP7	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 7
BUDKRP71	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 30 Jul 2020 3:45 PM
BUDKRP7A	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP7B	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRP7C	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7F	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7G	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7I	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7J	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7K	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7L	IHS/CMI/LAB - UDS REPORT T7

<b>Routine</b>	<b>Description</b>
BUDKRP7M	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7O	IHS/CMI/LAB - UDS REPORT T7
BUDKRP7P	IHS/CMI/LAB - UDS REPORT PRINT TABLE 7
BUDKRP7Q	IHS/CMI/LAB - UDS REPORT T7 PROCESS
BUDKRP7S	IHS/CMI/LAB - UDS REPORT T7 PROCESS
BUDKRP7T	IHS/CMI/LAB - UDS REPORT DRIVER TABLE 7
BUDKRP7U	IHS/CMI/LAB - UDS REPORT T7 PROCESS
BUDKRPC1	IHS/CMI/LAB - UDS TABLE 6
BUDKRPC2	IHS/CMI/LAB - UDS TABLE 6A
BUDKRPC3	IHS/CMI/LAB - UDS TABLE 1-6A
BUDKRPC4	IHS/CMI/LAB - UDS TABLE 1-6A
BUDKRPL1	IHS/CMI/LAB - UDS print lists
BUDKRPL2	IHS/CMI/LAB - UDS print lists
BUDKRPL3	IHS/CMI/LAB - UDS print lists
BUDKRPL4	IHS/CMI/LAB - UDS TAB 1-6A
BUDKRPL5	IHS/CMI/LAB - UDS REPORT TAB 1-6A
BUDKRPP1	IHS/CMI/LAB - UDS PRINT TAB 1-6A
BUDKRPP2	IHS/CMI/LAB - UDS REPORT PRINT
BUDKRPT1	IHS/CMI/LAB - UDS REPORT PRINT
BUDKRPT2	IHS/CMI/LAB - UDS REPORT
BUDKRPTC	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRPTD	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRPT E	IHS/CMI/LAB - UDS REPORT PROCESS
BUDKRPTF	IHS/CMI/LAB - UDS REPORT PROCESSOR
BUDKRPTL	IHS/CMI/LAB - UDS
BUDKRPTP	IHS/CMI/LAB - UDS REPORT PRINT
BUDKRPTQ	IHS/CMI/LAB - UDS REPORT PRINT
BUDKRPTS	IHS/CMI/LAB - UDS REPORT PRINT
BUDKRPTU	IHS/CMI/LAB - UDS DELIMITED OUTPUTS/UTILITIES
BUDKRPTV	IHS/CMI/LAB - UDS delimited outputs
BUDKRPTW	IHS/CMI/LAB - UDS DELIMITED OUTPUTS
BUDKSTMP	IHS/CMI/LAB - UDS TEMPLATE GEN
BUDKUPVL	IHS/CMI/LAB - UPDATE VISIT LOCATIONS
BUDKUTL1	IHS/CMI/LAB - UDS UTILITIES
BUDKUTL2	IHS/CMI/LAB - utilities for BUD

---

<b>Routine</b>	<b>Description</b>
BUDKUTL3	IHS/CMI/LAB - UDS REPORT PROCESS
BUDKUTXL	IHS/CMI/LAB - DISPLAY IND LISTS
BUDKUTXS	IHS/CMI/LAB - UDS TAXONOMY
BUDKXTCH	IHS/CMI/LAB - UDS TAXONOMY CHECK
BUDKXTV	IHS/CMI/LAB - DISPLAY IND LISTS 15 Dec 2010 9:42 AM
BUDKXTV1	IHS/CMI/LAB - DISPLAY IND LISTS

## 5.0 Tables and Files

### 5.1 File List

The file list, detailed in Table 5-1, lists the file name, its associated global and the name.

Table 5-1: File List

File	Global	Name
90667.901	^BUDKSITE	UDS 20 SITE PARAMETERS
90667.902	^BUDKCNTL	UDS 20 CONTROL TABLES
90667.9021	^BUDKTAXS	UDS 20 TAXONOMIES
90667.903	^BUDKTTA	UDS 20 TABLE 3 FORMAT
90667.9031	^BUDKTTD	UDS 20 DELIMITED FORMAT
90667.904	^BUDKIL	UDS 20 INCOME LEVELS
90667.905	^BUDKTFIV	UDS 20 TABLE 5 FORMAT
90667.906	^BUDKLST2	UDS 20 LST2 REPORTS
90667.907	^BUDKTSC	UDS 20 TABLE 6 CODES
90667.908	^BUDKTSSC	UDS 20 TABLE CODE LISTS

### 5.2 File Access

File Access files are listed in Table 5-2. The table includes the file number, its associated global and other characteristics.

Table 5-2: File Access

File (#)	Global	RD	WR	LYG	DD	DEL
90667.901	^BUDKSITE	M	M	M	@	@
90667.902	^BUDKCNTL	@	@	@	@	@
90667.9021	^BUDKTAXS	@	@	@	@	@
90667.903	^BUDKTTA	@	@	@	@	@
90667.9031	^BUDKTTD	@	@	@	@	@
90667.904	^BUDKIL	@	@	@	@	@
90667.905	^BUDKTFIV	@	@	@	@	@
90667.906	^BUDKLST2	@	@	@	@	@
90667.907	^BUDKTSC	@	@	@	@	@
90667.908	^BUDKTSSC	@	@	@	@	@

## 5.3 Cross References

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.901	09/15/20	PAGE 1
-----		
File #90667.901		
Traditional Cross-References:		
B	REGULAR	
	Field:	SITE NAME (90667.901,.01)
		1) = S ^BUDKSITE("B", \$E(X,1,30), DA)=""
		2) = K ^BUDKSITE("B", \$E(X,1,30), DA)
Subfile #90667.90111		
Traditional Cross-References:		
B	REGULAR	
	Field:	VISIT LOCATIONS FOR UDS REPORT (90667.90111,.01)
		1) = S ^BUDKSITE(DA(1),11,"B", \$E(X,1,30), DA)=""
		2) = K ^BUDKSITE(DA(1),11,"B", \$E(X,1,30), DA)
Subfile #90667.9011201		
Traditional Cross-References:		
B	REGULAR	
	Field:	INSURANCE OVERRIDE (90667.9011201,.01)
		1) = S ^BUDKSITE(DA(1),12,"B", \$E(X,1,30), DA)=""
		2) = K ^BUDKSITE(DA(1),12,"B", \$E(X,1,30), DA)
Subfile #90667.9011301		
Traditional Cross-References:		
B	REGULAR	
	Field:	PROVIDER CLASS EXCLUSIONS (90667.9011301,.01)
		1) = S ^BUDKSITE(DA(1),13,"B", \$E(X,1,30), DA)=""
		2) = K ^BUDKSITE(DA(1),13,"B", \$E(X,1,30), DA)
INDEX AND CROSS-REFERENCE LIST -- FILE #90667.902		
-----		
File #90667.902		
Traditional Cross-References:		
B	REGULAR	
	Field:	TYPE OF CONTROL (90667.902,.01)
		1) = S ^BUDKCNTL("B", \$E(X,1,30), DA)=""
		2) = K ^BUDKCNTL("B", \$E(X,1,30), DA)
Subfile #90667.90211		
Traditional Cross-References:		
B	REGULAR	
	Field:	ITEMS/VALUES (90667.90211,.01)

```

1) = S ^BUDKCNTL(DA(1),11,"B",SE(X,1,30),DA)=""
2) = K ^BUDKCNTL(DA(1),11,"B",SE(X,1,30),DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.9021 09/15/20 PAGE 1

---

File #90667.9021

Traditional Cross-References:

```

B    REGULAR
      Field:  TAXONOMY NAME  (90667.9021,.01)
            1) = S ^BUDKTAXS("B",SE(X,1,30),DA)=""
            2) = K ^BUDKTAXS("B",SE(X,1,30),DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.903 09/15/20 PAGE 1

---

File #90667.903

Traditional Cross-References:

```

AC   REGULAR
      Field:  COLUMN 1 HEADER (90667.903,.02)
            1) = S ^BUDKTTA("AC",SE(X,1,30),DA)=""
            2) = K ^BUDKTTA("AC",SE(X,1,30),DA)

B    REGULAR
      Field:  LINE NUMBER  (90667.903,.01)
            1) = S ^BUDKTTA("B",SE(X,1,30),DA)=""
            2) = K ^BUDKTTA("B",SE(X,1,30),DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.9031 09/15/20 PAGE 1

---

File #90667.9031

Traditional Cross-References:

```

B    REGULAR
      Field:  LINE NUMBER  (90667.9031,.01)
            1) = S ^BUDKTTD("B",SE(X,1,30),DA)=""
            2) = K ^BUDKTTD("B",SE(X,1,30),DA)

C    REGULAR
      Field:  COLUMN 1  (90667.9031,.02)
            1) = S ^BUDKTTD("C",SE(X,1,30),DA)=""
            2) = K ^BUDKTTD("C",SE(X,1,30),DA)

T    MUMPS
      Field:  TABLE  (90667.9031,.08)
            1) = S ^BUDKTTD("T",X,$P(^BUDKTTD(DA,0),U,1),DA)=""
            2) = K ^BUDKTTD("T",X,$P(^BUDKTTD(DA,0),U,1),DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.904 09/15/20 PAGE 1

---

File #90667.904

## Traditional Cross-References:

```

B    REGULAR
      Field:  NUMBER IN HOUSEHOLD  (90667.904,.01)
            1)= S ^BUDKIL("B", $E(X,1,30), DA)=""
            2)= K ^BUDKIL("B", $E(X,1,30), DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.905 09/15/20 PAGE 1

---

File #90667.905

## Traditional Cross-References:

```

B    REGULAR
      Field:  LINE NUMBER  (90667.905,.01)
            1)= S ^BUDKTFIV("B", $E(X,1,30), DA)=""
            2)= K ^BUDKTFIV("B", $E(X,1,30), DA)

```

Subfile #90667.90511

## Traditional Cross-References:

```

AA   MUMPS    WHOLE FILE (#90667.905)
      Field:  PROVIDER CLASS CODES  (90667.90511,.01)
            1)= S ^BUDKTFIV("AA", X, $P(^BUDKTFIV(DA(1),0),U), DA)=""
            2)= K ^BUDKTFIV("AA", X, $P(^BUDKTFIV(DA(1),0),U), DA)

B    REGULAR
      Field:  PROVIDER CLASS CODES  (90667.90511,.01)
            1)= S ^BUDKTFIV(DA(1),11,"B", $E(X,1,30), DA)=""
            2)= K ^BUDKTFIV(DA(1),11,"B", $E(X,1,30), DA)

C    REGULAR    WHOLE FILE (#90667.905)
      Field:  PROVIDER CLASS CODES  (90667.90511,.01)
            1)= S ^BUDKTFIV("C", $E(X,1,30), DA(1), DA)=""
            2)= K ^BUDKTFIV("C", $E(X,1,30), DA(1), DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.906 09/15/20 PAGE 1

---

File #90667.906

## Traditional Cross-References:

```

B    REGULAR
      Field:  NAME  (90667.906,.01)
            1)= S ^BUDKLST2("B", $E(X,1,30), DA)=""
            2)= K ^BUDKLST2("B", $E(X,1,30), DA)

C    REGULAR
      Field:  ABBRV  (90667.906,.03)
            1)= S ^BUDKLST2("C", $E(X,1,30), DA)=""
            2)= K ^BUDKLST2("C", $E(X,1,30), DA)

OR   REGULAR
      Field:  ORDER ON MENU  (90667.906,.02)
            1)= S ^BUDKLST2("OR", $E(X,1,30), DA)=""

```

2) = K ^BUDKLST2("OR", \$E(X,1,30), DA)

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.907 09/15/20 PAGE 1

-----  
File #90667.907

Traditional Cross-References:

AD REGULAR  
Field: DX TAXONOMY NAME (90667.907,.04)  
1) = S ^BUDKTSC("AD", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC("AD", \$E(X,1,30), DA)

AE REGULAR  
Field: ECODE DX TAXONOMY (90667.907,.05)  
1) = S ^BUDKTSC("AE", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC("AE", \$E(X,1,30), DA)

B REGULAR  
Field: ORDER (90667.907,.01)  
1) = S ^BUDKTSC("B", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC("B", \$E(X,1,30), DA)

C REGULAR  
Field: 1ST COLUMN (90667.907,.03)  
1) = S ^BUDKTSC("C", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC("C", \$E(X,1,30), DA)

Subfile #90667.9071

Traditional Cross-References:

B REGULAR  
Field: PATIENT ED CODES (90667.9071,.01)  
1) = S ^BUDKTSC(DA(1),10,"B", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC(DA(1),10,"B", \$E(X,1,30), DA)

Subfile #90667.90711

Traditional Cross-References:

B REGULAR  
Field: CLINIC CODES (90667.90711,.01)  
1) = S ^BUDKTSC(DA(1),11,"B", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC(DA(1),11,"B", \$E(X,1,30), DA)

Subfile #90667.90712

Traditional Cross-References:

B REGULAR  
Field: ADA CODES (90667.90712,.01)  
1) = S ^BUDKTSC(DA(1),12,"B", \$E(X,1,30), DA)=""  
2) = K ^BUDKTSC(DA(1),12,"B", \$E(X,1,30), DA)

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.907 09/15/20 PAGE 2

-----  
Subfile #90667.9072

## Traditional Cross-References:

B REGULAR  
 Field: COLUMN 2 (90667.9072,.01)  
 1) = S ^BUDKTSC (DA(1),2,"B", \$E(X,1,30),DA)=""  
 2) = K ^BUDKTSC (DA(1),2,"B", \$E(X,1,30),DA)

Subfile #90667.9074

## Traditional Cross-References:

B REGULAR  
 Field: COLUMN 4 ORDER (90667.9074,.01)  
 1) = S ^BUDKTSC (DA(1),4,"B", \$E(X,1,30),DA)=""  
 2) = K ^BUDKTSC (DA(1),4,"B", \$E(X,1,30),DA)

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.908 09/15/20 PAGE 1  
 -----

File #90667.908

## Traditional Cross-References:

B REGULAR  
 Field: NAME OF LIST (90667.908,.01)  
 1) = S ^BUDKTSSC ("B", \$E(X,1,30),DA)=""  
 2) = K ^BUDKTSSC ("B", \$E(X,1,30),DA)

Subfile #90667.90811

## Traditional Cross-References:

AD REGULAR WHOLE FILE (#90667.908)  
 Field: POINTER (90667.90811,.02)  
 1) = S ^BUDKTSSC ("AD", \$E(X,1,30),DA(1),DA)=""  
 2) = K ^BUDKTSSC ("AD", \$E(X,1,30),DA(1),DA)

B REGULAR  
 Field: ICD DIAGNOSES (90667.90811,.01)  
 1) = S ^BUDKTSSC (DA(1),11,"B", \$E(X,1,30),DA)=""  
 2) = K ^BUDKTSSC (DA(1),11,"B", \$E(X,1,30),DA)

Subfile #90667.90812

## Traditional Cross-References:

AP REGULAR WHOLE FILE (#90667.908)  
 Field: POINTER (90667.90812,.02)  
 1) = S ^BUDKTSSC ("AP", \$E(X,1,30),DA(1),DA)=""  
 2) = K ^BUDKTSSC ("AP", \$E(X,1,30),DA(1),DA)

B REGULAR  
 Field: ICD PROCEDURES (90667.90812,.01)  
 1) = S ^BUDKTSSC (DA(1),12,"B", \$E(X,1,30),DA)=""  
 2) = K ^BUDKTSSC (DA(1),12,"B", \$E(X,1,30),DA)

Subfile #90667.90813

## Traditional Cross-References:

```

AS    REGULAR    WHOLE FILE (#90667.908)
      Field:    SNOMED CODES (90667.90813,.01)
              1)= S ^BUDKTSSC("AS", $E(X,1,30), DA(1), DA)=""
              2)= K ^BUDKTSSC("AS", $E(X,1,30), DA(1), DA)

```

```

B    REGULAR
      Field:    SNOMED CODES (90667.90813,.01)
              1)= S ^BUDKTSSC(DA(1), 13, "B", $E(X,1,30), DA)=""
              2)= K ^BUDKTSSC(DA(1), 13, "B", $E(X,1,30), DA)

```

INDEX AND CROSS-REFERENCE LIST -- FILE #90667.908 09/15/20 PAGE 2

-----  
Subfile #90667.90814

Traditional Cross-References:

```

AC    REGULAR    WHOLE FILE (#90667.908)
      Field:    CPT CODES (90667.90814,.01)
              1)= S ^BUDKTSSC("AC", $E(X,1,30), DA(1), DA)=""
              2)= K ^BUDKTSSC("AC", $E(X,1,30), DA(1), DA)

```

```

B    REGULAR
      Field:    CPT CODES (90667.90814,.01)
              1)= S ^BUDKTSSC(DA(1), 14, "B", $E(X,1,30), DA)=""
              2)= K ^BUDKTSSC(DA(1), 14, "B", $E(X,1,30), DA)

```

Subfile #90667.90815

Traditional Cross-References:

```

B    REGULAR
      Field:    CVX CODES (90667.90815,.01)
              1)= S ^BUDKTSSC(DA(1), 15, "B", $E(X,1,30), DA)=""
              2)= K ^BUDKTSSC(DA(1), 15, "B", $E(X,1,30), DA)

```

Subfile #90667.90816

Traditional Cross-References:

```

B    REGULAR
      Field:    PROVIDER CODES (90667.90816,.01)
              1)= S ^BUDKTSSC(DA(1), 16, "B", $E(X,1,30), DA)=""
              2)= K ^BUDKTSSC(DA(1), 16, "B", $E(X,1,30), DA)

```

Subfile #90667.90817

Traditional Cross-References:

```

B    REGULAR
      Field:    CLINIC CODES (90667.90817,.01)
              1)= S ^BUDKTSSC(DA(1), 17, "B", $E(X,1,30), DA)=""
              2)= K ^BUDKTSSC(DA(1), 17, "B", $E(X,1,30), DA)

```

Subfile #90667.90818

Traditional Cross-References:

```

B    REGULAR
      Field:    HEALTH FACTORS (90667.90818,.01)
              1)= S ^BUDKTSSC(DA(1), 18, "B", $E(X,1,30), DA)=""

```

```

                2) = K ^BUDKTSSC (DA (1) , 18 , "B" , $E (X , 1 , 30) , DA)
INDEX AND CROSS-REFERENCE LIST -- FILE #90667.908                09/15/20    PAGE 3
-----
Subfile #90667.90819

Traditional Cross-References:

B    REGULAR
      Field:  RX NORM    (90667.90819 , .01)
          1) = S ^BUDKTSSC (DA (1) , 19 , "B" , $E (X , 1 , 30) , DA) = ""
          2) = K ^BUDKTSSC (DA (1) , 19 , "B" , $E (X , 1 , 30) , DA)

Subfile #90667.90821

Traditional Cross-References:

B    REGULAR
      Field:  ADA CODES  (90667.90821 , .01)
          1) = S ^BUDKTSSC (DA (1) , 21 , "B" , $E (X , 1 , 30) , DA) = ""
          2) = K ^BUDKTSSC (DA (1) , 21 , "B" , $E (X , 1 , 30) , DA)
    
```

Figure 5-1: Cross reference example

## 5.4 Table File

### FILE: UDS 20 SITE PARAMETERS

#### GLOBAL: ^BUDKSITE(

#### FILE #: 90667.901

Table 5-3 UDS Site Parameters

Field #	Field Name	Subscript	Piece	Type
.01	Site Name	D0,0	1	P
.02	UDS No.	D0,0	2	F
1101.01	Visit Locations for UDS Report (90667.111)	D0, 11, D1,0	1	P
1201.01	Insurance Override	D0,12,D1,0	1	P
1201.02	Insurance type of override	D0,12,D1,0	2	S

### FILE: UDS 20 CONTROL TABLES

#### GLOBAL: ^BUDKCNTRL(

#### FILE #: 90667.902

Table 5-4 UDS 20 Control Tables

Field #	Field Name	Subscript	Piece	Type
.01	Type of Control	D0,0	1	F
1101.01	Items/Values (90667.211)	D0,11,D1,0	1	F
1101.02	Second Value	D0, 11, D1, 0	2	F
1101.03	Third Value	D0, 11, D1, 0	3	F
1	Fourth Value	D0, 11, D1, 0	1	F

**FILE: UDS 20 TAXONOMIES****GLOBAL: ^BUDKTAXS(****FILE #: 90667.9021**

Table 5-5 UDS 20 Control Tables

Field #	Field Name	Subscript	Piece	Type
.01	Taxonomy Name	D0,0	1	F
.02	TYPE	D0,0	2	S
.03	TABLE	D0,0	3	S

**FILE: UDS 20 TABLE 3 FORMAT****GLOBAL: ^BUDKTTA(****FILE #: 90667.903**

Table 5-6 UDS 20 Table 3 Format

Field #	Field Name	Subscript	Piece	Type
.01	Line Number	D0, 0	1	N
.02	Column 1 Header	D0, 0	2	F
.03	Column 2 Header	D0, 0	3	F
.04	Column 3 Header	D0, 0	4	F
.05	Column 4 Header	D0, 0	5	F
.06	Column 5 Header	D0, 0	6	F
.07	Low Value	D0, 0	7	N
.08	High Value	D0, 0	8	N
1101	Centered Title 1	D0, 11	1	F

**FILE: UDS 20 DELIMITED FORMAT****GLOBAL: ^BUDKTTD(****FILE #: 90667.9031**

Table 5-7 UDS 20 Table 3 Format

Field #	Field Name	Subscript	Piece	Type
.01	Line Number	D0, 0	1	N
.02	Column 1	D0, 0	2	F
.06	Data Array Piece	D0, 0	6	N
.07	Array Name	D0, 0	7	F
.08	Table	D0, 0	8	F
.09	Subscript 2	D0, 0	9	N
1101	Column 5	D0, 11	1	F
1102	Column 6	D0,11	2	F
1103	Subscript	D0, 11	3	F
1104	Column 7	D0,11	7	F
1200	Column 2	D0,12	1	F
1300	Column 3	D0,13	1	F
1400	Column 4	D0,14	1	F
1501	Column 8	D0,15	1	F
1502	Column 9	D0,15	2	F
1503	Column 10	D0,15	3	F
1504	Column 11	D0,15	4	F

**FILE: UDS 20 INCOME LEVELS****GLOBAL: ^BUDKIL(****FILE #: 90667.904**

Table 5-8: UDS 20 Income Levels

Field #	Field Name	Subscript	Piece	Type
.01	Number in Household	D0, 0	1	N
.02	US Income	D0, 0	2	N
.03	Alaska Income	D0, 0	3	N
.04	Hawaii Income	D0, 0	4	N

**FILE: UDS 20 TABLE 5 FORMAT****GLOBAL: ^BUDKTFIV(****FILE #: 90667.905**

Table 5-9: UDS 20 Table 5 Format

Field #	Field Name	Subscript	Piece	Type
.01	Line Number	D0, 0	1	F
.02	Label	D0, 0	2	F
.03	Label 2	D0, 0	3	F
.04	Label 3	D0, 0	4	F
1101.01	Provider Class Codes (90667.511)	D0, 11, D1, 0	1	F

**FILE: UDS 20 LST2 REPORTS****GLOBAL: ^BUDKLST2(****FILE #: 90667.906**

Table 5-10: UDS 20 LST2 Reports

Field #	Field Name	Subscript	Piece	Type
.01	Name	D0, 0	1	F
.02	Order on Menu	D0, 0	2	N
.03	Abbreviation	D0, 0	3	F
1	MUMPS Code to Execute	D0, 1		K
1100.01	Introductory Text (90667.611)	D0, 11, D1, 0	1	W
1200.01	List Header Text (90667.612)	D0, 12, D1, 0	1	W2

**FILE: UDS 20 TABLE 6 CODES****GLOBAL: ^BUDKTSC(****FILE #: 90667.907**

Table 5-11: UDS 20 Table 6 Codes

Field #	Field Name	Subscript	Piece	Type
.01	Order	D0, 0	1	N
.02	Header Line?	D0, 0	2	S
.03	1st Column	D0, 0	3	F

Field #	Field Name	Subscript	Piece	Type
.04	DX Taxonomy Name	D0,0	4	F
.05	ECODE DX Taxonomy	D0,0	5	F
.06	CPT Taxonomy Name	D0,0	6	F
1	M Code Get	D0, 1		K
2.01	Column 2 (90667.72)	D0, 2, D1, 0	1	F
4.01	Column 4 (90667.74)	D0, 4, D1, 0	1	F
10.01	Patient Ed Codes (90667.71)	D0, 10, D1, 0	1	F
11.01	Clinic Codes (90667.711)	D0, 11, D1, 0	1	F
12.01	ADA Codes (90667.712)	D0, 12, D1, 0	1	F

**FILE: UDS 20 TABLE CODE LISTS****GLOBAL: ^BUDKTSSC(****FILE #: 90667.908**

Table 5-12: UDS 20 Table Code List

Field #	Field Name	Subscript	Piece	Type
.01	Name of List	D0, 0	1	F
.02	SNOMED Subset	D0,0	2	F
.03	DX Taxonomy	D0,0	3	F
.04	CPT Taxonomy	D0,0	4	F
.05	ICD Procedure Taxonomy	D0,0	5	F
1101.01	ICD Diagnoses (90667.811)	D0, 11, D1, 0	1	F
1101.02	Pointer	D0, 11, D1, 0	2	P
1101.03	Coding System	D0, 11, D1, 0	3	P
1200.01	ICD Procedures (90667.812)	D0, 12, D1, 0	1	F
1200.02	Pointer	D0, 12, D1, 0	2	P
1200.03	Coding System	D0, 12, D1, 0	3	P
1300.01	SNOMED Codes (90667.813)	D0, 13, D1, 0	1	F
1400.01	CPT Codes (90667.814)	D0, 14, D1, 0	1	F
1500.01	CVX Codes (90667.815)	D0, 15, D1, 0	1	F
1600.01	Provider Codes (90667.816)	D0, 16, D1, 0	1	F
1700.01	Clinical Codes (90667.817)	D0, 17, D1, 0	1	F
1800.01	Health Factors (90667.818)	D0, 18, D1, 0	1	F
1900.01	RX Norm (90667.819)	D0, 19, D1, 0	1	F
2100.01	ADA Codes (90667.821)	D0, 21, D1, 0	1	F

## 6.0 External Relations

### 6.1 External Calls

This package calls the documented entry points found in Figure 6-1:

Routine	is Invoked by:
^%DT	BUDKUTL1
^%DTC	BUDKUTL2
COMMA^%DTC	BUDKRP67, BUDKRP6B, BUDKRP6E, BUDKRP7, BUDKRP71, BUDKRP7F BUDKRP7G, BUDKRP7O, BUDKRP7P, BUDKRP7Q, BUDKRPL3, BUDKRPP1 BUDKRPP2, BUDKRPTF, BUDKRPTP, BUDKRPTQ, BUDKRPTV
^%ZIS	BUDKRP6B, BUDKRP7, BUDKRPT1, BUDKRPT2, BUDKRPTS
HOME^%ZIS	BUDKXTCH
^%ZISC	BUDKRP67, BUDKRP6B, BUDKRP7, BUDKRP71, BUDKRPT1, BUDKRPT2 BUDKRPTP, BUDKRPTS, BUDKRPTV, BUDKRPTW
\$\$OPEN^%ZISH	BUDKRPTV, BUDKRPTW
^%ZTLOAD	BUDKRP6B, BUDKRP7, BUDKRPT1, BUDKRPT2, BUDKRPTS
\$\$LASTITEM^APCLAPIU	BUDKRP6V
ALLV^APCLAPIU	BUDKRP68, BUDKRP6A, BUDKRP6B, BUDKRP6N, BUDKRP6Q, BUDKRP6R BUDKRP6U, BUDKRP6V, BUDKRP7B, BUDKUTL2, BUDKUTL3
\$\$START1^APCLDF	BUDKDU, BUDKRP64, BUDKRP68, BUDKRP6A, BUDKRP6B, BUDKRP6C BUDKRP6D, BUDKRP6M, BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6S BUDKRP6V, BUDKRP7A, BUDKRP7B, BUDKRP7C, BUDKRPTD
\$\$CLINIC^APCLV	BUDKDU, BUDKRP6D, BUDKRP6M, BUDKRP6R, BUDKRP6U, BUDKRP6W BUDKRP7A, BUDKRP7B, BUDKRP7I, BUDKRP7J, BUDKRP7K, BUDKRP7L BUDKRP7M, BUDKRP7S, BUDKRP7T, BUDKRP7U, BUDKRPC2, BUDKRPL1 BUDKRPL2, BUDKRPL3, BUDKRPL4, BUDKRPTC, BUDKRPTD, BUDKRPTL BUDKUTL3
\$\$LOCENC^APCLV	BUDKRP6D, BUDKRPL1, BUDKRPL2, BUDKRPL3, BUDKRPL4, BUDKRPTL
\$\$PRIMPOV^APCLV	BUDKRP68, BUDKRP6U, BUDKRPL3
\$\$PRIMPROV^APCLV	BUDKRP6D, BUDKRP6M, BUDKRP7A, BUDKRP7B, BUDKRP7C, BUDKRP7I BUDKRP7J, BUDKRP7K, BUDKRP7L, BUDKRP7M, BUDKRP7S, BUDKRP7T BUDKRP7U, BUDKRPL2, BUDKRPL3, BUDKRPL4, BUDKRPTC, BUDKRPTD BUDKRPTF, BUDKRPTL
\$\$VD^APCLV	BUDKDU, BUDKRP62, BUDKRP65, BUDKRP68, BUDKRP6B, BUDKRP6M BUDKRP6N, BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6V, BUDKRP6W BUDKRP7B, BUDKRPC1, BUDKRPC2, BUDKRPC3, BUDKRPTC, BUDKRPTD BUDKRPTL, BUDKRPTQ, BUDKUTL1, BUDKUTL2, BUDKUTL3
\$\$ICD^ATXAPI	BUDKDU, BUDKRP62, BUDKRP64, BUDKRP65, BUDKRP68, BUDKRP6C BUDKRP6M, BUDKRP6N, BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6S BUDKRP6U, BUDKRP6V, BUDKRP7B, BUDKRP7C, BUDKRPTC, BUDKRPTD BUDKUTL2
BLDTAX^ATXAPI	BUDKRP6M, BUDKRP6N, BUDKRP6O, BUDKUTL2
\$\$ICD^ATXCHK	BUDKDU, BUDKRP6B, BUDKRP6U, BUDKRP6V, BUDKRP6W, BUDKRP7A BUDKRP7C, BUDKRPC1, BUDKRPC2, BUDKRPTF, BUDKUTL1
BULL^ATXSTX2	BUDK1A, BUDK1B, BUDK1C, BUDK1D, BUDK1E, BUDK1F, BUDK1G, BUDK1H BUDK1I, BUDK1J, BUDK1K, BUDK1L, BUDK1M, BUDK1N, BUDK1O, BUDK1P BUDK1Q, BUDK1R, BUDK1S, BUDK1T, BUDK1U, BUDK1V, BUDK1W, BUDK1X BUDK1Y, BUDK1Z, BUDK2A, BUDK2B, BUDK2C, BUDK2D, BUDK2E, BUDK2F BUDK2G BUDK2H, BUDK2I, BUDK2J, BUDK2K, BUDK2L, BUDK2M, BUDK2N, BUDK2O BUDK2P, BUDK2Q, BUDK2R, BUDK2S, BUDK2T, BUDK2U, BUDK2V, BUDK2W BUDK2X, BUDK2Y, BUDK2Z, BUDK3A, BUDK3B, BUDK3C, BUDK3D, BUDK3E



\$\$RR^AUPNPAT	BUDKRPC2 , BUDKRPC3
\$\$SUBLST^BSTSAPI	BUDKUTL2
SUBLST^BSTSAPI	BUDKUTL2
^BUDBAN	opt
^BUDJBAN	opt
DSL1ST1^BUDJRP61	opt
DSL1ST2^BUDJRP61	opt
DEPL1ST1^BUDJRP66	opt
DEPL1ST2^BUDJRP66	opt
HIVL1ST1^BUDJRP6A	opt
HIVL1ST2^BUDJRP6A	opt
^BUDJRP6B	opt
IMML1ST1^BUDJRP6B	opt
IMML1ST2^BUDJRP6B	opt
M^BUDJRP6B	opt
PAPL1ST1^BUDJRP6B	opt
PAPL1ST2^BUDJRP6B	opt
PRGA^BUDJRP6B	opt
AWSL1ST1^BUDJRP6F	opt
AWSL1ST2^BUDJRP6F	opt
WACL1ST1^BUDJRP6F	opt
WACL1ST2^BUDJRP6F	opt
STN2LIST^BUDJRP6J	opt
STNLIST1^BUDJRP6J	opt
IVDL1ST1^BUDJRP6K	opt
IVDL1ST2^BUDJRP6K	opt
CRCL1ST1^BUDJRP6L	opt
CRCL1ST2^BUDJRP6L	opt
APT1ST1^BUDJRP6S	opt
APT1ST2^BUDJRP6S	opt
TUAL1ST1^BUDJRP6T	opt
TUAL1ST2^BUDJRP6T	opt
^BUDJRP7	opt
DMR1LIST^BUDJRP7	opt
DMRLIST^BUDJRP7	opt
HTCRLIST^BUDJRP7	opt
HTRLIST^BUDJRP7	opt
HTURLIST^BUDJRP7	opt
MDM^BUDJRP7	opt
MHT^BUDJRP7	opt
MPRG^BUDJRP7	opt
PRGHLIST^BUDJRP7	opt
PRGRLIST^BUDJRP7	opt
ESTEMP^BUDJRPT1	opt
M^BUDJRPT1	opt
T3A^BUDJRPT1	opt
T3B^BUDJRPT1	opt
T4^BUDJRPT1	opt
T5^BUDJRPT1	opt
T51^BUDJRPT1	opt
T6^BUDJRPT1	opt
T9^BUDJRPT1	opt
T9D^BUDJRPT1	opt
TZ^BUDJRPT1	opt
^BUDJRPT2	opt
M^BUDJRPT2	opt
T3A^BUDJRPT2	opt
T4CHAR^BUDJRPT2	opt
T4IPPL^BUDJRPT2	opt
T4PMIS^BUDJRPT2	opt
T5^BUDJRPT2	opt

T5A^BUDJRPT2	opt
T5B^BUDJRPT2	opt
T5C^BUDJRPT2	opt
T5SSD^BUDJRPT2	opt
T6^BUDJRPT2	opt
TOL^BUDJRPT2	opt
TUSVE^BUDJRPT2	opt
TUSVR^BUDJRPT2	opt
TZ^BUDJRPT2	opt
EN^BUDJRPTS	opt
^BUDJUPVL	opt
^BUDJUTXS	opt
^BUDJXTV	opt
^BUDK1	BUDKENV
^BUDK1A	BUDK1
^BUDK1B	BUDK1
^BUDK1C	BUDK1
^BUDK1D	BUDK1
^BUDK1E	BUDK1
^BUDK1F	BUDK1
^BUDK1G	BUDK1
^BUDK1H	BUDK1
^BUDK1I	BUDK1
^BUDK1J	BUDK1
^BUDK1K	BUDK1
^BUDK1L	BUDK1
^BUDK1M	BUDK1
^BUDK1N	BUDK1
^BUDK1O	BUDK1
^BUDK1P	BUDK1
^BUDK1Q	BUDK1
^BUDK1R	BUDK1
^BUDK1S	BUDK1
^BUDK1T	BUDK1
^BUDK1U	BUDK1
^BUDK1V	BUDK1
^BUDK1W	BUDK1
^BUDK1X	BUDK1
^BUDK1Y	BUDK1
^BUDK1Z	BUDK1
^BUDK2	BUDKENV
^BUDK2A	BUDK2
^BUDK2B	BUDK2
^BUDK2C	BUDK2
^BUDK2D	BUDK2
^BUDK2E	BUDK2
^BUDK2F	BUDK2
^BUDK2G	BUDK2
^BUDK2H	BUDK2
^BUDK2I	BUDK2
^BUDK2J	BUDK2
^BUDK2K	BUDK2
^BUDK2L	BUDK2
^BUDK2M	BUDK2
^BUDK2N	BUDK2
^BUDK2O	BUDK2
^BUDK2P	BUDK2
^BUDK2Q	BUDK2
^BUDK2R	BUDK2
^BUDK2S	BUDK2
^BUDK2T	BUDK2

^BUDK2U	BUDK2
^BUDK2V	BUDK2
^BUDK2W	BUDK2
^BUDK2X	BUDK2
^BUDK2Y	BUDK2
^BUDK2Z	BUDK2
^BUDK3	BUDKENV
^BUDK3A	BUDK3
^BUDK3B	BUDK3
^BUDK3C	BUDK3
^BUDK3D	BUDK3
^BUDK3E	BUDK3
^BUDK3F	BUDK3
^BUDK3G	BUDK3
^BUDK3H	BUDK3
^BUDK3I	BUDK3
^BUDK3J	BUDK3
^BUDK3K	BUDK3
^BUDK3L	BUDK3
^BUDK3M	BUDK3
^BUDK3N	BUDK3
^BUDK3O	BUDK3
^BUDK3P	BUDK3
^BUDK3Q	BUDK3
^BUDK3Q2	BUDK3Q
^BUDK3R	BUDK3
^BUDK3S	BUDK3
^BUDK3T	BUDK3
^BUDK3U	BUDK3
^BUDK3V	BUDK3
^BUDK3W	BUDK3
^BUDK3X	BUDK3
^BUDK3Y	BUDK3
^BUDK3Z	BUDK3
^BUDK4	BUDKENV
^BUDK4A	BUDK4
^BUDK4B	BUDK4
^BUDK4C	BUDK4
^BUDK4D	BUDK4
^BUDK4E	BUDK4
^BUDK4F	BUDK4
^BUDK4G	BUDK4
^BUDK4H	BUDK4
^BUDK4I	BUDK4
^BUDK4J	BUDK4
^BUDK4J2	BUDK4J
^BUDK4K	BUDK4
^BUDK4L	BUDK4
^BUDK4M	BUDK4
^BUDK4N	BUDK4
^BUDK4O	BUDK4
^BUDK4P	BUDK4
^BUDK4Q	BUDK4
^BUDK4R	BUDK4
^BUDK4S	BUDK4
^BUDK4T	BUDK4
^BUDK4U	BUDK4
^BUDK4V	BUDK4
^BUDK4W	BUDK4
^BUDK4X	BUDK4
^BUDK4Y	BUDK4

^BUDK4Z	BUDK4
^BUDK5	BUDKENV
^BUDK5A	BUDK5
^BUDK5B	BUDK5
^BUDK5C	BUDK5
^BUDK5D	BUDK5
^BUDK5E	BUDK5
^BUDK5E2	BUDK5E
^BUDK5F	BUDK5
^BUDK5G	BUDK5
^BUDK5H	BUDK5
^BUDK5I	BUDK5
^BUDK5J	BUDK5
^BUDKBAN	opt
\$\$VER^BUDKBAN	BUDKRP61, BUDKRP66, BUDKRP6A, BUDKRP6F, BUDKRP6G, BUDKRP6H BUDKRP6I, BUDKRP6J, BUDKRP6K, BUDKRP6L, BUDKRP6P, BUDKRP6T BUDKRP6W, BUDKRP6X, BUDKRP7I, BUDKRP7J, BUDKRP7K, BUDKRP7L BUDKRP7M, BUDKRP7S, BUDKRP7T, BUDKRP7U, BUDKRPL1, BUDKRPL2 BUDKRPL3, BUDKRPL4 BUDKRPL5, BUDKRPTD, BUDKRPT E, BUDKRPTL
EN^BUDKDSI	BUDKRP6B
\$\$CPT^BUDKDU	BUDKRP6B, BUDKRP6D, BUDKRP6N, BUDKRP6S, BUDKRP7A, BUDKRP7B BUDKRP7C, BUDKUTL3
\$\$CPTI^BUDKDU	BUDKRP6A
\$\$DATE^BUDKDU	BUDKRP6N, BUDKRPC1, BUDKUTL2
\$\$DEMO^BUDKDU	BUDKRP6B, BUDKRP7, BUDKRPTC
\$\$IPLSNOND^BUDKDU	BUDKRP62, BUDKRP63, BUDKRP64, BUDKRP65, BUDKRP68, BUDKRP6C BUDKRP6D, BUDKRP6H, BUDKRP6Y
\$\$PLCL^BUDKDU	BUDKRP6R, BUDKRP6V, BUDKRP7B, BUDKRP7C, BUDKUTL3
\$\$PLTAXND^BUDKDU	BUDKRP62, BUDKRP63, BUDKRP64, BUDKRP65, BUDKRP68, BUDKRP6D BUDKRP6H, BUDKRP6Y
\$\$TRAN^BUDKDU	BUDKRP6B, BUDKRP6D, BUDKRP6S, BUDKRP7A, BUDKUTL3
\$\$WH^BUDKDU	BUDKRP6D
HT6B^BUDKDU	BUDKRP61, BUDKRP66, BUDKRP6A, BUDKRP6F, BUDKRP6G, BUDKRP6H BUDKRP6I, BUDKRP6J, BUDKRP6K, BUDKRP6L, BUDKRP6P, BUDKRP6T BUDKRP6X, BUDKRPT E
IN6B^BUDKDU	BUDKRP61, BUDKRP66, BUDKRP6A, BUDKRP6F, BUDKRP6G, BUDKRP6H BUDKRP6I, BUDKRP6J, BUDKRP6K, BUDKRP6L, BUDKRP6P, BUDKRP6T BUDKRP6X
DEN1^BUDKRP61	BUDKRP6I
DEN2^BUDKRP61	BUDKRP6I
DS1^BUDKRP61	BUDKRP6B
DS2^BUDKRP61	BUDKRP6B
DSL1ST1^BUDKRP61	opt
DSL1ST2^BUDKRP61	opt
\$\$ANSN^BUDKRP62	BUDKRP63, BUDKRP64, BUDKRP6H, BUDKRP6X, BUDKRP6Y
\$\$DISEASE^BUDKRP62	BUDKRP63, BUDKRP64, BUDKRP6H, BUDKRP6X
\$\$GETIMMS^BUDKRP62	BUDKRP63, BUDKRP64, BUDKRP6H, BUDKRP6X, BUDKRP6Y
\$\$MMR^BUDKRP63	BUDKRP6C
\$\$STATALG^BUDKRP64	BUDKRP6O
\$\$VAR^BUDKRP64	BUDKRP6C
\$\$ROTA^BUDKRP65	BUDKRP6C
DEP1L^BUDKRP66	BUDKRP6I
DEP2L^BUDKRP66	BUDKRP6I
DEPL1ST1^BUDKRP66	opt
DEPL1ST2^BUDKRP66	opt
DPR1ST1^BUDKRP66	opt
DPR1ST2^BUDKRP66	opt
PRINT^BUDKRP67	BUDKRP6B
MDPR^BUDKRP68	BUDKRP6B, BUDKRPTC
HIV1L^BUDKRP6A	BUDKRP6I

HIV2L^BUDKRP6A	BUDKRP6I
HIVLIST1^BUDKRP6A	opt
HIVLIST2^BUDKRP6A	opt
HVSLIST1^BUDKRP6A	opt
HVSLIST2^BUDKRP6A	opt
N^BUDKRP6A	BUDKRP6B, BUDKRPTC
^BUDKRP6B	opt
\$\$PREG^BUDKRP6B	BUDKRP6O, BUDKRP6V, BUDKRP7A, BUDKRP7B
EN1^BUDKRP6B	BUDKRP61, BUDKRP66, BUDKRP6A, BUDKRP6F, BUDKRP6J, BUDKRP6K BUDKRP6L, BUDKRP6T
GENI^BUDKRP6B	BUDKDU
IMMLIST1^BUDKRP6B	opt
IMMLIST2^BUDKRP6B	opt
M^BUDKRP6B	opt
MAMLIST1^BUDKRP6B	opt
MAMLIST2^BUDKRP6B	opt
PAPLIST1^BUDKRP6B	opt
PAPLIST2^BUDKRP6B	opt
PRENATT^BUDKRP6B	BUDKRPT1
PRGA^BUDKRP6B	opt
PRINT^BUDKRP6B	BUDKRP6B, BUDKRPTP
PROC^BUDKRP6B	BUDKRP6B
\$\$ANAREACT^BUDKRP6C	BUDKRP63, BUDKRP64, BUDKRP6H, BUDKRP6X
\$\$ANCONT^BUDKRP6C	BUDKRP6H, BUDKRP6X, BUDKRP6Y
\$\$ANCONT1^BUDKRP6C	BUDKRP6Y
\$\$ANNECONT^BUDKRP6C	BUDKRP6X
\$\$CONTRA^BUDKRP6C	BUDKRP63, BUDKRP64, BUDKRP65, BUDKRP6H, BUDKRP6X, BUDKRP6Y
\$\$HOSPIND^BUDKRP6C	BUDKRP6D, BUDKRP6M, BUDKRP6S, BUDKRP6V, BUDKRP7B, BUDKRP7C
\$\$MMRCONT^BUDKRP6C	BUDKRP63, BUDKRP64, BUDKRP6H
IMM^BUDKRP6C	BUDKRP6B, BUDKRPTC
\$\$LOINC^BUDKRP6D	BUDKRP6D, BUDKRP6O, BUDKRP6S
PAPD^BUDKRP6D	BUDKRP6B, BUDKRPTC
REST6B^BUDKRP6E	BUDKRP67
AWSLIST1^BUDKRP6F	opt
AWSLIST2^BUDKRP6F	opt
WAC1L^BUDKRP6F	BUDKRP6I
WAC2L^BUDKRP6F	BUDKRP6I
WACLIST1^BUDKRP6F	opt
WACLIST2^BUDKRP6F	opt
AWS1^BUDKRP6G	BUDKRP6F
AWS1L^BUDKRP6G	BUDKRP6I
AWS2^BUDKRP6G	BUDKRP6F
AWS2L^BUDKRP6G	BUDKRP6I
\$\$FLU^BUDKRP6H	BUDKRP6C
\$\$HEPA^BUDKRP6H	BUDKRP6C
MAM1^BUDKRP6H	BUDKRP6B
MAM1L^BUDKRP6H	BUDKRP6I
MAM2^BUDKRP6H	BUDKRP6B
MAM2L^BUDKRP6H	BUDKRP6I
GENI^BUDKRP6I	BUDKRP61, BUDKRP6A, BUDKRP6B, BUDKRP6W
IMM1^BUDKRP6I	BUDKRP6B
IMM2^BUDKRP6I	BUDKRP6B
LISTS^BUDKRP6I	BUDKRP67
PAUSE^BUDKRP6I	BUDKRP6W
PRENATT^BUDKRP6I	BUDKRP6B
STN1L^BUDKRP6J	BUDKRP6I
STN2L^BUDKRP6J	BUDKRP6I
STN2LIST^BUDKRP6J	opt
STNLIST1^BUDKRP6J	opt
HVS1L^BUDKRP6K	BUDKRP6I
HVS2L^BUDKRP6K	BUDKRP6I

IVD1L^BUDKRP6K	BUDKRP6I
IVD2L^BUDKRP6K	BUDKRP6I
IVDLIST1^BUDKRP6K	opt
IVDLIST2^BUDKRP6K	opt
CRC1L^BUDKRP6L	BUDKRP6I
CRC2L^BUDKRP6L	BUDKRP6I
CRCLIST1^BUDKRP6L	opt
CRCLIST2^BUDKRP6L	opt
\$\$FDEPSCR^BUDKRP6M	BUDKRP6Q
J^BUDKRP6M	BUDKRP6B, BUDKRPTC
K^BUDKRP6N	BUDKRP6B, BUDKRPTC
I^BUDKRP6O	BUDKRP6B, BUDKRPTC
PAP1^BUDKRP6P	BUDKRP6B
PAP1L^BUDKRP6P	BUDKRP6I
PAP2^BUDKRP6P	BUDKRP6B
PAP2L^BUDKRP6P	BUDKRP6I
L^BUDKRP6Q	BUDKRP6B, BUDKRPTC
M^BUDKRP6Q	BUDKRP6B, BUDKRPTC
G^BUDKRP6R	BUDKRP6B, BUDKRPTC
BCS^BUDKRP6S	BUDKRP6B, BUDKRPTC
HIVSCR^BUDKRP6S	BUDKRP6B, BUDKRPTC
TUA1L^BUDKRP6T	BUDKRP6I
TUA2L^BUDKRP6T	BUDKRP6I
TUALIST1^BUDKRP6T	opt
TUALIST2^BUDKRP6T	opt
\$\$FRAILITY^BUDKRP6U	BUDKRP6N, BUDKRP6S, BUDKRP7B, BUDKRP7C
\$\$FRAILITY2^BUDKRP6U	BUDKRP6N, BUDKRP6S, BUDKRP7B, BUDKRP7C
\$\$FU^BUDKRP6U	BUDKRP6Q
\$\$LONGTERM^BUDKRP6U	BUDKRP6N, BUDKRP6S, BUDKRP7B, BUDKRP7C
\$\$PREVV^BUDKRP6U	BUDKRP6R
\$\$PALL^BUDKRP6V	BUDKRP6O
\$\$VBBD^BUDKRP6V	BUDKRP6M, BUDKRP6R
ADOLWT^BUDKRP6V	BUDKRP6B, BUDKRPTC
ADULT^BUDKRP6V	BUDKRP6B, BUDKRPTC
\$\$PRES^BUDKRP6W	BUDKRP6M, BUDKRP6Q, BUDKRP6R
PRGA^BUDKRP6W	BUDKRP6B
\$\$DTAP^BUDKRP6X	BUDKRP6C
\$\$HIB^BUDKRP6X	BUDKRP6C
\$\$IPV^BUDKRP6X	BUDKRP6C
DPR1L^BUDKRP6X	BUDKRP6I
DPR2L^BUDKRP6X	BUDKRP6I
\$\$HEPB^BUDKRP6Y	BUDKRP6C
\$\$PNEU^BUDKRP6Y	BUDKRP6C
\$\$STATIN^BUDKRP6Y	BUDKRP6O
^BUDKRP7	opt
DMR1LIST^BUDKRP7	opt
DMRLIST^BUDKRP7	opt
HTCRLIST^BUDKRP7	opt
HTRLIST^BUDKRP7	opt
HTURLIST^BUDKRP7	opt
MDM^BUDKRP7	opt
MHT^BUDKRP7	opt
MPRG^BUDKRP7	opt
PAUSE^BUDKRP7	BUDKRPT1
PRENATT^BUDKRP7	BUDKRPT1
PRGHLIST^BUDKRP7	opt
PRGLIST^BUDKRP7	opt
PRINT^BUDKRP7	BUDKRP7, BUDKRPTP
PROC^BUDKRP7	BUDKRP7
LINE^BUDKRP71	BUDKRP7O
LINE1^BUDKRP71	BUDKRP7O

LINE4^BUDKRP71	BUDKRP70
LINE5^BUDKRP71	BUDKRP70
PRINT^BUDKRP71	BUDKRP7
T7H^BUDKRP71	BUDKRP70
T7H1^BUDKRP71	BUDKRP70
PRGHLST^BUDKRP7A	BUDKRP7, BUDKRPTC
PRGRLST^BUDKRP7A	BUDKRP7, BUDKRPTC
HTN^BUDKRP7B	BUDKRP7, BUDKRPTC
DM^BUDKRP7C	BUDKRP7, BUDKRPTC
LINE^BUDKRP7F	BUDKRP7G
LINE1^BUDKRP7F	BUDKRP7G
T7H^BUDKRP7F	BUDKRP7G
T7H1^BUDKRP7F	BUDKRP7G
DMRACE1^BUDKRP7G	BUDKRP7F
DMRACE2^BUDKRP7G	BUDKRP7F
\$\$RACE^BUDKRP7I	BUDKRP7A, BUDKRP7B, BUDKRP7C
\$\$RACEL^BUDKRP7I	BUDKRP7J, BUDKRP7L, BUDKRP7T, BUDKRP7U
GENI^BUDKRP7I	BUDKRP7, BUDKRP7J, BUDKRP7L, BUDKRP7U
PRGH^BUDKRP7I	BUDKRP7
PRGHL^BUDKRP7I	BUDKRP71
PRGR^BUDKRP7I	BUDKRP7
PRGRL^BUDKRP7I	BUDKRP71
HTCR^BUDKRP7J	BUDKRP7
HTCRL^BUDKRP7J	BUDKRP71
HTR^BUDKRP7J	BUDKRP7
HTRL^BUDKRP7J	BUDKRP71
DMR^BUDKRP7L	BUDKRP7
DMRL^BUDKRP7L	BUDKRP71
LINE^BUDKRP7P	BUDKRP7Q
LINE1^BUDKRP7P	BUDKRP7Q
T7H^BUDKRP7P	BUDKRP7Q
DMRACE1^BUDKRP7Q	BUDKRP7P
DMR1^BUDKRP7T	BUDKRP7
DMR1L^BUDKRP7T	BUDKRP71
HTUR^BUDKRP7U	BUDKRP7
HTURL^BUDKRP7U	BUDKRP71
T6^BUDKRPC1	BUDKRPTC
\$\$MCD^BUDKRPC2	BUDKRPC3
\$\$MCR^BUDKRPC2	BUDKRPC3
\$\$OPI^BUDKRPC2	BUDKRPC3
\$\$OPIC^BUDKRPC2	BUDKRPC3
\$\$PI^BUDKRPC2	BUDKRPC3
\$\$TPL^BUDKRPC2	BUDKRPC3
\$\$WC^BUDKRPC2	BUDKRPC3
T4^BUDKRPC2	BUDKRPTC
\$\$OV^BUDKRPC3	BUDKRPC2
\$\$ZIPINS^BUDKRPC3	BUDKRPTC
OPI^BUDKRPC3	BUDKRPC2
OPIC^BUDKRPC3	BUDKRPC2
PI^BUDKRPC3	BUDKRPC2
T9D^BUDKRPC3	BUDKRPTC
T9^BUDKRPC4	BUDKRPTC
T3A^BUDKRPL2	BUDKRPTL
T51^BUDKRPL2	BUDKRPTL
T52^BUDKRPL2	BUDKRPTL
T3A^BUDKRPL3	BUDKRPTP
T3BR^BUDKRPL4	BUDKRPTL
T54^BUDKRPL4	BUDKRPTL
T4CHAR^BUDKRPL5	BUDKRPTL
T4IPPL^BUDKRPL5	BUDKRPTL

T4PMIS^BUDKRPL5	BUDKRPTL
T6^BUDKRPP1	BUDKRPTP
T4^BUDKRPP2	BUDKRPTP
T9^BUDKRPP2	BUDKRPTP
\$\$HL^BUDKRPT1	BUDKRPT2
ESTEMP^BUDKRPT1	opt
M^BUDKRPT1	opt
T3A^BUDKRPT1	opt
T3B^BUDKRPT1	opt
T4^BUDKRPT1	opt
T5^BUDKRPT1	opt
T51^BUDKRPT1	opt
T6^BUDKRPT1	opt
T9^BUDKRPT1	opt
T9D^BUDKRPT1	opt
TZ^BUDKRPT1	opt
^BUDKRPT2	opt
M^BUDKRPT2	opt
T3A^BUDKRPT2	opt
T4CHAR^BUDKRPT2	opt
T4IPPL^BUDKRPT2	opt
T4PMIS^BUDKRPT2	opt
T5^BUDKRPT2	opt
T5A^BUDKRPT2	opt
T5B^BUDKRPT2	opt
T5C^BUDKRPT2	opt
T5SSD^BUDKRPT2	opt
T6^BUDKRPT2	opt
TOL^BUDKRPT2	opt
TUSVE^BUDKRPT2	opt
TUSVR^BUDKRPT2	opt
TZ^BUDKRPT2	opt
\$\$VIRTUAL^BUDKRPTC	BUDKRPL2, BUDKRPL4, BUDKRPTF, BUDKRPTL
PROC^BUDKRPTC	BUDKRPT1, BUDKRPT2, BUDKRPTS
\$\$HASDX^BUDKRPTD	BUDKRPTC
GETV^BUDKRPTD	BUDKRP6B, BUDKRP7, BUDKRPTC
S^BUDKRPTD	BUDKRPTL
T6DH^BUDKRPTD	BUDKRPTL
TZH^BUDKRPTD	BUDKRPTL
TZHD^BUDKRPTD	BUDKRPTL
\$\$HISP^BUDKRPT E	BUDKRP7A, BUDKRP7B, BUDKRP7C, BUDKRP7I, BUDKRP7J, BUDKRP7K BUDKRP7L, BUDKRP7M, BUDKRP7S, BUDKRP7T, BUDKRP7U, BUDKRPL4
\$\$RACE^BUDKRPT E	BUDKRP7A, BUDKRP7B, BUDKRP7C, BUDKRP7I, BUDKRP7J, BUDKRP7L BUDKRP7T, BUDKRP7U, BUDKRPL1, BUDKRPL2, BUDKRPL3, BUDKRPL4 BUDKRPTL
DEP2HD^BUDKRPT E	BUDKRP66
PROC^BUDKRPT E	BUDKRPTC
PT^BUDKRPT E	BUDKRP6B, BUDKRP7, BUDKRPT2
T3B^BUDKRPT E	BUDKRPTC
T5DH^BUDKRPT E	BUDKRPTL
T5^BUDKRPT F	BUDKRPTP
T5SSD^BUDKRPT F	BUDKRPTC
^BUDKRPT L	BUDKRPTP
HEADER^BUDKRPT P	BUDKRP67, BUDKRP6E, BUDKRP71, BUDKRP7F, BUDKRP7G, BUDKRP7O BUDKRP7P, BUDKRP7Q, BUDKRPL3, BUDKRPP1, BUDKRPP2, BUDKRPTF BUDKRPTQ
PRINT^BUDKRPT P	BUDKRPT1, BUDKRPT2, BUDKRPTS
\$\$LOTE^BUDKRPT Q	BUDKRPT E
REST3B^BUDKRPT Q	BUDKRPT P
SAVEDEL^BUDKRPT Q	BUDKRP67, BUDKRP71, BUDKRPT P
WDEL^BUDKRPT Q	BUDKRPT D, BUDKRPT P

EN^BUDKRPTS	opt
STEMP^BUDKRPTS	BUDKRPL3
PT^BUDKRPTU	BUDKRP6B, BUDKRP7, BUDKRPT1
T3ADEL^BUDKRPTV	BUDKRPL3
T3BDEL^BUDKRPTV	BUDKRPTP
T4DEL^BUDKRPTV	BUDKRPP2
T5DEL^BUDKRPTV	BUDKRPTF
T6ADEL^BUDKRPTV	BUDKRPP1
TZDEL^BUDKRPTV	BUDKRPTP
T6BDEL^BUDKRPTW	BUDKRP67
T7DEL^BUDKRPTW	BUDKRP71
T9DEL^BUDKRPTW	BUDKRPP2
EN^BUDKSTMP	BUDKRPTS
^BUDKUPVL	opt
PAUSE^BUDKUPVL	BUDKSTMP
\$\$DATE^BUDKUTL1	BUDKRP62, BUDKRP63, BUDKRP64, BUDKRP65, BUDKRP6A, BUDKRP6B BUDKRP6C, BUDKRP6D, BUDKRP6H, BUDKRP6J, BUDKRP6M, BUDKRP6N BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6S, BUDKRP6V, BUDKRP6W BUDKRP6X, BUDKRP6Y, BUDKRP7A, BUDKRP7B, BUDKRP7C
\$\$LASTDX^BUDKUTL1	BUDKRP62, BUDKRP63, BUDKRP64, BUDKRP65, BUDKRP68, BUDKRP6D BUDKRP6H, BUDKRP6M, BUDKRP6N, BUDKRP6O, BUDKRP6S, BUDKRP6V BUDKRP6Y, BUDKUTL3
\$\$LASTPRC^BUDKUTL1	BUDKRP6B, BUDKRP6D, BUDKRP6S, BUDKRP7A
COVPAGED^BUDKUTL1	BUDKRPTQ
COVPAGEP^BUDKUTL1	BUDKRPTP, BUDKRPTQ
COVPAGET^BUDKUTL1	BUDKRPTP
\$\$AGE^BUDKUTL2	BUDKRPC2
\$\$CTC^BUDKUTL2	BUDKRP6N
\$\$FITDNA^BUDKUTL2	BUDKRP6N
\$\$HL^BUDKUTL2	BUDKRP7, BUDKRPTC
ALLCPT^BUDKUTL2	BUDKRP6D
GETMEDS^BUDKUTL2	BUDKRP6M, BUDKRP6Q, BUDKRP6R, BUDKRP6U, BUDKRP6W, BUDKRP6Y BUDKRP7C, BUDKRPC1, BUDKUTL3
SETUP^BUDKUTL2	BUDKRP6B, BUDKRP7, BUDKRPTC
\$\$ANFU^BUDKUTL3	BUDKRP6V
\$\$BLFU^BUDKUTL3	BUDKRP6V
EP^BUDKUTXL	BUDKUTXS
^BUDKUTXS	opt
TAXCHK^BUDKXTCH	BUDKRP6B, BUDKRP7, BUDKRPT1, BUDKRPT2, BUDKRPTS
^BUDKXTV	opt
EP^BUDKXTV1	BUDKXTV
^DIC	BUDKENV, BUDKRP6B, BUDKRP7, BUDKRPT1, BUDKRPT2, BUDKRPTS BUDKSTMP, BUDKUPVL, BUDKUTXL
IX^DIC	BUDKENV
FILE^DICN	BUDKUTXL
^DIE	BUDKSTMP, BUDKUPVL, BUDKUTL2, BUDKUTXL
^DIK	BUDKENV, BUDKSTMP
EN^DIK	BUDKUPVL
IX1^DIK	BUDKENV, BUDKSTMP, BUDKUTL2
^DIM	dd90667.906,   dd90667.907
\$\$GET1^DIQ	BUDKRPC4
^DIR	BUDKDSI, BUDKDU, BUDKRP61, BUDKRP66, BUDKRP67, BUDKRP6A BUDKRP6B, BUDKRP6F, BUDKRP6G, BUDKRP6H, BUDKRP6I, BUDKRP6J BUDKRP6K, BUDKRP6L, BUDKRP6P, BUDKRP6T, BUDKRP6W, BUDKRP6X BUDKRP7, BUDKRP71, BUDKRP7F, BUDKRP7G, BUDKRP7I, BUDKRP7J BUDKRP7K, BUDKRP7L, BUDKRP7M BUDKRP7O, BUDKRP7P, BUDKRP7Q, BUDKRP7S, BUDKRP7T, BUDKRP7U BUDKRPL1, BUDKRPL2, BUDKRPL3, BUDKRPL4, BUDKRPL5, BUDKRPT1 BUDKRPT2, BUDKRPTD, BUDKRPT E, BUDKRPTL, BUDKRPTP, BUDKRPTS BUDKRPTU, BUDKSTMP, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTCH BUDKXTV

```

$$CODEN^ICDEX      BUDKDU, BUDKRP68, BUDKRP6Q, BUDKUTL1
$$ICDDX^ICDEX      BUDKRP64, BUDKRP6Q, BUDKRPC1, BUDKRPC2, BUDKRPL4, BUDKRPTF
                    BUDKUTL1
$$ICDOP^ICDEX      BUDKUTL1
$$CPT^ICPTCOD      BUDKDU, BUDKRP62, BUDKRP65, BUDKRP6A, BUDKRP6M, BUDKRP6N
                    BUDKRP6O, BUDKRP6S, BUDKRP6V, BUDKRPC1, BUDKRPC2, BUDKUTL1
EN^VALM             BUDKDSI, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV, BUDKXTV1
TERM^VALMO          BUDKDSI, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV, BUDKXTV1
CLEAR^VALM1         BUDKDSI, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV, BUDKXTV1
FULL^VALM1          BUDKDSI, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV, BUDKXTV1
^XBCLS              BUDKUPVL
^XBDBQUE            BUDKRP6B, BUDKRP7, BUDKRPT1, BUDKRPT2, BUDKXTCH
$$VAL^XBIDIQ1       BUDKDU, BUDKENV, BUDKRP62, BUDKRP64, BUDKRP65, BUDKRP68
                    BUDKRP6A, BUDKRP6B, BUDKRP6C, BUDKRP6D, BUDKRP6H, BUDKRP6M
                    BUDKRP6N, BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6S, BUDKRP6U
                    BUDKRP6V, BUDKRP6W, BUDKRP6Y, BUDKRP7A, BUDKRP7B, BUDKRP7C
                    BUDKRP7I, BUDKRP7J
                    BUDKRP7K, BUDKRP7L, BUDKRP7M, BUDKRP7S, BUDKRP7T, BUDKRP7U
                    BUDKRPC1, BUDKRPC2, BUDKRPC3, BUDKRPC4, BUDKRPT1, BUDKRPTC
                    BUDKRPTD, BUDKRPTQ, BUDKUPVL, BUDKUTL2, BUDKUTL3, BUDKXTV
                    BUDKXTV1
$$VALI^XBIDIQ1     BUDKDU, BUDKRP68, BUDKRP6A, BUDKRP6C, BUDKRP6M, BUDKRP6N
                    BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6U, BUDKRP6V, BUDKRP6W
                    BUDKRP7B, BUDKRPC1, BUDKRPC2, BUDKRPC3, BUDKRPTC, BUDKRPTD
                    BUDKRPTF, BUDKUTL2, BUDKUTL3
^XBFMK              BUDKUPVL, BUDKUTXL
$$PROVCLSC^XBFUNC1 BUDKUTL3
^XBGSAVE            BUDKRPTQ
EN^XBVK             BUDKDU, BUDKRP61, BUDKRP66, BUDKRP6A, BUDKRP6B, BUDKRP6F
                    BUDKRP6J, BUDKRP6K, BUDKRP6L, BUDKRP6T, BUDKRP7, BUDKRPT1
                    BUDKRPT2, BUDKRPTS, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV
                    BUDKXTV1
$$DT^XLFDT          BUDKUTL2
$$FMADD^XLFDT       BUDKDU, BUDKRP68, BUDKRP6B, BUDKRP6C, BUDKRP6D, BUDKRP6M
                    BUDKRP6N, BUDKRP6O, BUDKRP6Q, BUDKRP6R, BUDKRP6S, BUDKRP6U
                    BUDKRP6V, BUDKRP6W, BUDKRP6Y, BUDKRP7, BUDKRP7A, BUDKRP7B
                    BUDKRP7C, BUDKRPC1, BUDKRPC2, BUDKRPTC, BUDKUTL1, BUDKUTL2
                    BUDKRP62, BUDKRP65, BUDKRP6Y
$$FMDIFF^XLFDT     BUDKDU, BUDKRP61, BUDKRP64, BUDKRP66, BUDKRP68, BUDKRP6A
                    BUDKRP6B, BUDKRP6D, BUDKRP6F, BUDKRP6G, BUDKRP6H, BUDKRP6I
                    BUDKRP6J, BUDKRP6K, BUDKRP6L, BUDKRP6M, BUDKRP6O, BUDKRP6P
                    BUDKRP6Q, BUDKRP6S, BUDKRP6T, BUDKRP6V, BUDKRP6W, BUDKRP6X
                    BUDKRP7, BUDKRP7A
                    BUDKRP7B, BUDKRP7C, BUDKRP7I, BUDKRP7J, BUDKRP7K, BUDKRP7L
                    BUDKRP7M, BUDKRP7S, BUDKRP7T, BUDKRP7U, BUDKRPC3, BUDKRPL1
                    BUDKRPL2, BUDKRPL3, BUDKRPL4, BUDKRPL5, BUDKRPT1, BUDKRPT2
                    BUDKRPTD, BUDKRPTC, BUDKRPTL, BUDKRPTP, BUDKRPTS, BUDKUTL1
$$CJ^XLFSTR         BUDKENV
$$LOW^XLFSTR        BUDKRPTF, BUDKRPTV
$$REPEAT^XLFSTR     BUDKRP67, BUDKRP6E, BUDKRP7, BUDKRP71, BUDKRP7F, BUDKRP7P
                    BUDKRPTS
$$STRIP^XLFSTR      BUDKENV, BUDKRP7C, BUDKRPTV, BUDKUTL2
$$SUP^XLFSTR        BUDKRP63, BUDKRP64, BUDKRP6D, BUDKRP6H, BUDKRP6M, BUDKRP6Q
                    BUDKRP6R, BUDKRP6S, BUDKRP6U, BUDKRP6W, BUDKRP6X, BUDKRP6Y
                    BUDKRP7C, BUDKRPC1, BUDKUTL3
$$VERSION^XPDUTL    BUDKENV, BUDKRPC1
MES^XPDUTL          BUDKENV
DISP^XQORM1         BUDKDSI, BUDKUPVL, BUDKUTXL, BUDKUTXS, BUDKXTV, BUDKXTV1

```

\*\*\*\*\* END \*\*\*\*\*

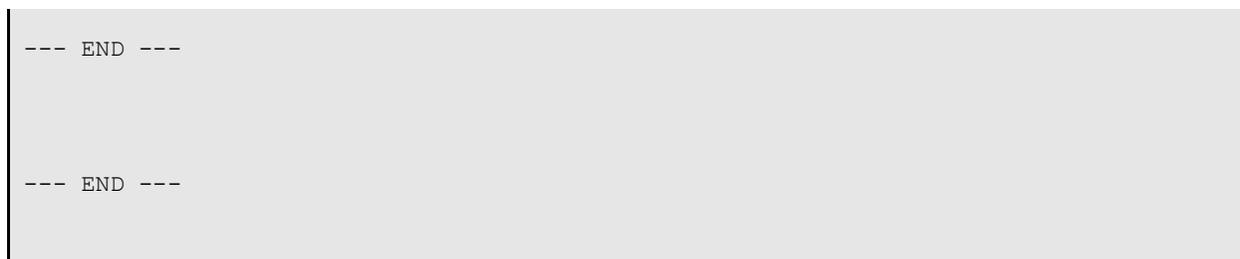


Figure 6-1: External Calls example

## 6.2 Callable Routines

There are no callable routines within this software application.

## 6.3 Published Entry Points

There are no Published Entry points within the IHS/RPMS UDS software.

## 6.4 Exported Options

Table 6-1 shows the exported UDS option names and descriptions. For detailed explanation of each option, see the individual User Manual for the application.

Table 6-1: Exported UDS Options

Option Name	Description
BUD 19 ALL TABLES	Multiple/ALL Tables Zip through 9D
BUD 19 LIST 5BC	All Patients by Service Category (Table 5 col B&C)
BUD 19 LIST CHAR	Characteristics of Special Populations (Table 4)
BUD 19 LIST IPPL	Income Percent of Poverty Level (Table 4)
BUD 19 LIST MULTIPLE	Multiple/ALL Lists Zip through 6A
BUD 19 LIST ORPHANS	Incomplete Visits related to Table 6
BUD 19 LIST PMIS	Principal Third Party Medical Insurance (Table 4)
BUD 19 LIST SSD	All Patients by Selected Service Detail (T5-SSD)
BUD 19 LIST T3A/T3B	All Pts w/Visits, by Age&Sex Assigned/Birth (3A)
BUD 19 LIST T5A	Provider/Staff List (Table 5 col A)
BUD 19 LIST T6	All Patients by Diagnosis (Table 6A)
BUD 19 LIST TABLE 5 2	Visits w/Uncategorized Primary Prov (Table 5 B&C)
BUD 19 LIST USVE	All Pts w/Visits, by Ethnicity (3B)
BUD 19 LIST USVR	All Pts w/Visits, by Hispanic Identity & Race (3B)
BUD 19 LST1	Lists for Tables Zip Code, 3A&3B, 4, 5, and 6A
BUD 19 LST2	Lists for Table 6B
BUD 19 LST2 A-D	Table 6B Section A through D
BUD 19 LST2 ALL	Table 6B All Patient Lists

Option Name	Description
BUD 19 LST2 APT1	All Asthma Pts 5-64 w/Asthma Therapy Medication
BUD 19 LST2 APT2	All Asthma Pts 5-64 w/o Asthma Therapy Medication
BUD 19 LST2 AWS1	All Patients 18+ w/BMI & over/underweight w/plan
BUD 19 LST2 AWS2	All Patients 18+ w/o BMI or w/o follow-up plan
BUD 19 LST2 CIM1	All Patients Age 2 w/All Child Immunizations
BUD 19 LST2 CIM2	All Patients Age 2 w/o All Child Immunizations
BUD 19 LST2 CRC1	All Patients 50-75 years of age w/CRC Scrn
BUD 19 LST2 CRC2	All patients 50-75 years of age w/o CRC Scrn
BUD 19 LST2 DEN1	All Pts 6-9 at Risk with First Molar Sealant
BUD 19 LST2 DEN2	All Pts 6-9 w/First Molar w/o Sealant
BUD 19 LST2 DEP1	All Patients 12+ w/DEP Scrn and Follow-up
BUD 19 LST2 DEP2	All Pts 12+ w/o Dep Scrn or w/o Follow-up
BUD 19 LST2 E-I	Table 6B Section E through I
BUD 19 LST2 HIV1	All Patients w/First HIV Dx & Timely Follow-up
BUD 19 LST2 HIV2	All Patients w/First HIV Dx w/o Timely Follow-up
BUD 19 LST2 IVD1	All IVD Pts 18+ w/ASA or Antiplatelet
BUD 19 LST2 IVD2	All IVD Pts 18+ w/o ASA or Antiplatelet
BUD 19 LST2 J-N	Table 6B Section J through N
BUD 19 LST2 M6B	Multiple/ALL Lists for Table 6B
BUD 19 LST2 PAP1	All Female Patients 23-64 w//Pap Test
BUD 19 LST2 PAP2	All Female Patients 23-64 w/o Pap Test
BUD 19 LST2 PRGA	All Pregnant Patients by Age
BUD 19 LST2 STN1	All ASCVD high-risk patients 21+ w/Statin Therapy
BUD 19 LST2 STN2	All ASCVD high-risk Pts 21+ w/o Statin Therapy
BUD 19 LST2 TUA1	All Patients 18+ w/tobacco use scrn & cessation
BUD 19 LST2 TUA2	All Patients 18+ w/o tobacco use scrn or cessation
BUD 19 LST2 WAC1	All Patients 3-17 w/WT Assessment & Counseling
BUD 19 LST2 WAC2	All Patients 3-17 w/o WT Assessment & Counseling
BUD 19 LST3 DM MENU	Diabetes Patient Lists
BUD 19 LST3 DM MULTIPLE	Multiple/ALL Lists for DM Patients
BUD 19 LST3 DMR	All DM Patients by Race & Hisp Identity
BUD 19 LST3 DMR1	All DM Pts w/o A1c or >9 by Race & Hisp Identity
BUD 19 LST3 HT MENU	Hypertension Patient Lists
BUD 19 LST3 HTCR	All HTN Pts w/Contr BP by Race & Hisp Identity
BUD 19 LST3 HTR	All HTN Patients by Race & Hisp Identity
BUD 19 LST3 HTUR	All HTN Pts w/Uncont BP by Race & Hisp Identity
BUD 19 LST3 MENU	Lists for Table 7
BUD 19 LST3 MT	Multiple/ALL Lists for HTN Patients
BUD 19 LST3 MULTIPLE	Multiple/ALL Lists for Pregnant Patients
BUD 19 LST3 PRG	Pregnant Patient Lists

Option Name	Description
BUD 19 LST3 PRGH	All Pregnant Patients w/HIV
BUD 19 LST3 PRGR	All Pregnant Patients by Race & Hisp Identity
BUD 19 MANAGER UTILITIES	Manager Utilities
BUD 19 MENU	UDS 2019
BUD 19 MENU LISTS	Patient and Provider Lists Main Menu
BUD 19 MULT VISITS IN SRV CAT	All Patients w/Multiple Visits in Srv Cats (5B&C)
BUD 19 PATIENT LISTS	Patient Lists
BUD 19 REPORTS	Reports
BUD 19 SEARCH TEMPLATE	Create Search Template of Patients on Table 3A
BUD 19 SETUP LOCATIONS	Update/Review Site Parameters
BUD 19 TABLE 3A	Table 3A: Patients By Age & Sex Assigned at Birth
BUD 19 TABLE 3B	Table 3B: Demographic Characteristics
BUD 19 TABLE 4	Table 4: Selected Patient Characteristics
BUD 19 TABLE 5	Table 5 (b&c): Staffing and Utilization (cols b&c)
BUD 19 TABLE 5A STAFF	Table 5 (a): Staffing List only (column A)
BUD 19 TABLE 6A	Table 6A: Selected Diagnoses and Services Rendered
BUD 19 TABLE 6B	Table 6B: Quality of Care Measures
BUD 19 TABLE 7	Table 7: Health Outcomes and Disparities
BUD 19 TABLE 9D	Table 9D: Patient-Related Revenue (Totals Only)
BUD 19 TABLE 9D DELIMITED	Table 9D: Patient-Related Revenue (Delimited Rept)
BUD 19 TAXONOMY UPDATE	Update Taxonomies for Use with UDS 2019
BUD 19 VIEW ANY TAXONOMY	View All UDS Taxonomies
BUD 19 ZIP LIST	All Patients w/Visits by Zip and Ins Source
BUD 19 ZIP TABLE	Patient by Zip Code
BUD 20 ALL TABLES	Multiple/ALL Tables Zip through 9D
BUD 20 ELECTRONIC SUB TEMP	All Electronic Submission Templates
BUD 20 LIST 5BC	All Patients by Service Category (Table 5 col B&C)
BUD 20 LIST CHAR	Characteristics of Special Populations (Table 4)
BUD 20 LIST IPPL	Income Percent of Poverty Level (Table 4)
BUD 20 LIST MULTIPLE	Multiple/ALL Lists Zip through 6A
BUD 20 LIST ORPHANS	Incomplete Visits related to Table 6
BUD 20 LIST PMIS	Principal Third Party Medical Insurance (Table 4)
BUD 20 LIST SSD	All Patients by Selected Service Detail (T5-SSD)
BUD 20 LIST T3A/T3B	All Pts w/Visits, by Age&Sex Assigned/Birth (3A)
BUD 20 LIST T5A	Provider/Staff List (Table 5 col A)
BUD 20 LIST T6	All Patients by Diagnosis (Table 6A)
BUD 20 LIST TABLE 5 2	Visits w/Uncategorized Primary Prov (Table 5 B&C)
BUD 20 LIST USVE	All Pts w/Visits, by Ethnicity (3B)
BUD 20 LIST USVR	All Pts w/Visits, by Hispanic Identity & Race (3B)
BUD 20 LST1	Lists for Tables Zip Code, 3A&3B, 4, 5, and 6A

Option Name	Description
BUD 20 LST2	Lists for Table 6B
BUD 20 LST2 A-D	Table 6B Section A through D
BUD 20 LST2 ALL	Table 6B All Patient Lists
BUD 20 LST2 AWS1	All Patients 18+ w/BMI & over/underweight w/plan
BUD 20 LST2 AWS2	All Patients 18+ w/o BMI or w/o follow-up plan
BUD 20 LST2 CIM1	All Patients Age 2 w/All Child Immunizations
BUD 20 LST2 CIM2	All Patients Age 2 w/o All Child Immunizations
BUD 20 LST2 CRC1	All Patients 50-75 years of age w/CRC Scrn
BUD 20 LST2 CRC2	All patients 50-75 years of age w/o CRC Scrn
BUD 20 LST2 DEN1	All Pts 6-9 at Risk with First Molar Sealant
BUD 20 LST2 DEN2	All Pts 6-9 w/First Molar w/o Sealant
BUD 20 LST2 DEP1	All Patients 12+ w/DEP Scrn and Follow-up
BUD 20 LST2 DEP2	All Pts 12+ w/o Dep Scrn or w/o Follow-up
BUD 20 LST2 DPR1	All Patients 12+ w/Depression Remission
BUD 20 LST2 DPR2	All Pts 12+ w/o Depression Remission
BUD 20 LST2 E-I	Table 6B Section E through I
BUD 20 LST2 HIV1	All Patients w/First HIV Dx & Timely Follow-up
BUD 20 LST2 HIV2	All Patients w/First HIV Dx w/o Timely Follow-up
BUD 20 LST2 HVS1	All Patients 15-65 w/HIV Test
BUD 20 LST2 HVS2	All Patients 15-65 w/o HIV Test
BUD 20 LST2 IVD1	All IVD Pts 18+ w/ASA or Antiplatelet
BUD 20 LST2 IVD2	All IVD Pts 18+ w/o ASA or Antiplatelet
BUD 20 LST2 J-N	Table 6B Section J through N
BUD 20 LST2 M6B	Multiple/ALL Lists for Table 6B
BUD 20 LST2 MAM1	All Female Patients 51-73 w/Mammogram
BUD 20 LST2 MAM2	All Female Patients 51-73 w/o Mammogram
BUD 20 LST2 PAP1	All Female Patients 23-64 w/Pap Test
BUD 20 LST2 PAP2	All Female Patients 23-64 w/o Pap Test
BUD 20 LST2 PRGA	All Pregnant Patients by Age
BUD 20 LST2 STN1	All ASCVD high-risk patients 21+ w/Statin Therapy
BUD 20 LST2 STN2	All ASCVD high-risk Pts 21+ w/o Statin Therapy
BUD 20 LST2 TUA1	All Patients 18+ w/tobacco use scrn & cessation
BUD 20 LST2 TUA2	All Patients 18+ w/o tobacco use scrn or cessation
BUD 20 LST2 WAC1	All Patients 3-16 w/WT Assessment & Counseling
BUD 20 LST2 WAC2	All Patients 3-16 w/o WT Assessment & Counseling
BUD 20 LST3 DM MENU	Diabetes Patient Lists
BUD 20 LST3 DM MULTIPLE	Multiple/ALL Lists for DM Patients
BUD 20 LST3 DMR	All DM Patients by Race & Hisp Identity
BUD 20 LST3 DMR1	All DM Pts w/o A1c or >9 by Race & Hisp Identity
BUD 20 LST3 HT MENU	Hypertension Patient Lists

Option Name	Description
BUD 20 LST3 HTCR	All HTN Pts w/Contr BP by Race & Hisp Identity
BUD 20 LST3 HTR	All HTN Patients by Race & Hisp Identity
BUD 20 LST3 HTUR	All HTN Pts w/Uncont BP by Race & Hisp Identity
BUD 20 LST3 MENU	Lists for Table 7
BUD 20 LST3 MT	Multiple/ALL Lists for HTN Patients
BUD 20 LST3 MULTIPLE	Multiple/ALL Lists for Pregnant Patients
BUD 20 LST3 PRG	Pregnant Patient Lists
BUD 20 LST3 PRGH	All Pregnant Patients w/HIV
BUD 20 LST3 PRGR	All Pregnant Patients by Race & Hisp Identity
BUD 20 MANAGER UTILITIES	Manager Utilities
BUD 20 MENU	UDS 2020
BUD 20 MENU LISTS	Patient and Provider Lists Main Menu
BUD 20 MULT VISITS IN SRV CAT	All Patients w/Multiple Visits in Srv Cats (5B&C)
BUD 20 PATIENT LISTS	Patient Lists
BUD 20 REPORTS	Reports
BUD 20 SEARCH TEMPLATE	Create Search Template of Patients on Table 3A
BUD 20 SETUP LOCATIONS	Update/Review Site Parameters
BUD 20 TABLE 3A	Table 3A: Patients By Age & Sex Assigned at Birth
BUD 20 TABLE 3B	Table 3B: Demographic Characteristics
BUD 20 TABLE 4	Table 4: Selected Patient Characteristics
BUD 20 TABLE 5	Table 5 (b&c): Staffing and Utilization (cols b&c)
BUD 20 TABLE 5A STAFF	Table 5 (a): Staffing List only (column A)
BUD 20 TABLE 6A	Table 6A: Selected Diagnoses and Services Rendered
BUD 20 TABLE 6B	Table 6B: Quality of Care Measures
BUD 20 TABLE 7	Table 7: Health Outcomes and Disparities
BUD 20 TABLE 9D	Table 9D: Patient-Related Revenue (Totals Only)
BUD 20 TABLE 9D DELIMITED	Table 9D: Patient-Related Revenue (Delimited Rept)
BUD 20 TAXONOMY UPDATE	Update Taxonomies for Use with UDS 2020
BUD 20 VIEW ANY TAXONOMY	View All UDS Taxonomies
BUD 20 ZIP LIST	All Patients w/Visits by Zip and Ins Source
BUD 20 ZIP TABLE	Patient by Zip Code
BUDMENU	RPMS Uniform Data Systems (UDS) Reporting System

## 7.0 Internal Relations

All users should be given the access to the appropriate options and keys, as needed.  
All the options within this system are stand-alone options.

## 8.0 Security Keys

Section 3.2 provides a list of security keys and their descriptions.

## **9.0 Archiving and Purging**

There is no archiving and purging in this package.

## 10.0 Documentation Resources

This section describes a few methods to generate online technical documentation.

### 10.1 How to Generate Online Documentation

The file number range for this package is 90345–90349 and 90660–90667.

All templates, routines, screen forms, etc. begin with BUD.

This section describes some methods by which UDS technical documentation can be generated. UDS software offers several help prompts, and help screens throughout the program. In addition, there are several Kernel options that can generate on-line technical documentation.

Some of those documents are described in the following sections.

### 10.2 System Documentation

Online VPS system documentation can be generated using several Kernel options, including, but not limited to:

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

For more option listings and further information about other utilities that supply online technical information, see the Decentralized Hospital Computer Program (DHCP) Kernel Reference manual.

#### 10.2.1 %INDEX

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

- Compiled list of errors and warnings
- Routine listing
- Local variables

- Global variables
- Naked globals
- Label references
- External references

Running %INDEX for a specified set of routines allows users to discover any deviations from RPMS programming standards that exist, 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 UDS, specify the **BUD** namespace at the “Routine(s)?>” prompt and **IHS/RPMS UNIFORM DATA SYSTEM V4.0** build at the “Build” prompt.

### 10.2.2 Inquire Option

The Inquire 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 UDS options, the **BUD** namespace must be specified.

### 10.2.3 Print Option File

The Print Option File utility generates a listing of options from the Option file (#19). All entries, a single option, or range of options can be printed. For a list of UDS options, see Section 6.3.

### 10.2.4 List File Attributes

This VA FileMan option allows users to generate documentation pertaining to files and file structure. The standard format of this option provides 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 UDS files, see Section 5.1.

## 10.3 Online Help

In addition to system documentation, RPMS includes special help displays for most menu options and data entry prompts. Typing a single question mark “?” at the “Select . . . Option” prompt displays information related to the current option, where:

Table 10-1: Help Displays

Typing . . .	Displays . . .
A single question mark (?)	A list of all options accessible from the current option.
Two question marks (??)	A list of all accessible options and their formal names
Three question marks (???)	A brief description for each option in a menu.
A single question mark (?) followed by an option name (?OPTION)	Extended help, if available, for that option

## **11.0 Standards and Conventions Requirements**

There are no new Standards and Conventions exemptions within this application.

# Glossary

**Archiving**

The storage of historical or little-used data off-line (often on tape).

**Banner**

A line of text with a user's name and domain.

**Browser**

An interactive application that displays ASCII text on a terminal that supports a scroll region. The text can be in the form of a word-processing field or sequential local or global array. The user can navigate freely within the document.

**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 look-up and reporting.

**Entry Point**

A point within a routine that is referenced by a "DO" or "GOTO" command from a routine internal to a package.

**File**

A set of related records or entries treated as a single unit.

**FileMan**

The database management system for RPMS.

**Global**

In MUMPS, global refers to a variable stored on disk (global variable) or the array to which the global variable may belong (global array).

**INDEX (%INDEX)**

A Kernel utility used to verify routines and other Massachusetts General Hospital (M) Utility Multi-Programming System (MUMPS) code associated with a package. Checking is done per current ANSI MUMPS standards and RPMS programming standards. This tool can be invoked through an option or from direct mode (>D ^%INDEX).

**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.

**Menu**

A list of choices for computing activity. A menu is a type of option designed to identify a series of items (other options) for presentation to the user for selection. When displayed, menu-type options are preceded by the word “Select” and followed by the word “option,” as in Select Menu Management option: (the menu’s select prompt).

**Namespace**

A unique set of 2 to 4 alpha characters that are assigned by the database administrator to a software application.

**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, not interactively, by TaskMan.

**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 a specific name.

**Utility**

A callable routine line tag or function. A universal routine usable by anyone.

**Variable**

A character or group of characters that refers to a value. MUMPS recognizes three 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.

## Acronym List

Acronym	Term Meaning
ANSI	American National Standards Institute
BPHC	Bureau of Primary Health Care
CHW	Community Health Worker
CMS	Centers for Medicare and Medicaid Services
COPD	Chronic Obstructive Pulmonary Disease
eCQM	Electronic Clinical Quality Measure
CY	Calendar Year
DHCP	Decentralized Hospital Computer Program
HHS	Department of Health and Human Services
HRSA	Health Resources and Services Administration
ICD	International Classification of Diseases.
IHS	Indian Health Service
MUMPS	Massachusetts General Hospital (M) Utility Multi Programming System
OMB	Office of Management and Budget
QI	Quality Improvement
ROB	Rules of Behavior
RPMS	Resource and Patient Management System
SNOMED	Systemized Nomenclature of Medicine
UDS	Uniform Data System

## Contact Information

If you have any questions or comments regarding this distribution, please contact the IHS IT Service Desk.

**Phone:** (888) 830-7280 (toll free)

**Web:** <https://www.ihs.gov/itsupport/>

**Email:** [itsupport@ihs.gov](mailto:itsupport@ihs.gov)