Oracle® Healthcare Foundation

New Features Guide

Release 7.0.1

E71002-02

May 2016

ORACLE®

Oracle Healthcare Foundation New Features Guide, Release 7.0.1

E71002-02

Contents

Preface

This guide explains new features and enhancements in Oracle Healthcare Foundation 7.0.1.

Audience

This guide is for users who want to learn more about new features and enhancements in this release.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at
http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit
http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit
http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Documents

For more information, see the following documents:

- *Oracle Healthcare Foundation Administrator's Guide*
- *Oracle Healthcare Foundation Application Programming Interface Guide*
- *Oracle Healthcare Foundation Application Toolkit Installation Guide*
- *Oracle Healthcare Foundation Appendix*
- *Oracle Healthcare Foundation Data Dictionary*
- *Oracle Healthcare Foundation Electronic Technical Reference Manual*
- *Oracle Healthcare Foundation Installation Guide*
- *Oracle Healthcare Foundation Mapping Metadata*
- *Oracle Healthcare Foundation New Features Guide*
- *Oracle Healthcare Foundation Programmer's Guide*
- *Oracle Healthcare Foundation Quick Reference Guide*

- *Oracle Healthcare Foundation Release Notes*
- *Oracle Healthcare Foundation Security Guide*
- *Oracle Healthcare Foundation Third Party Licenses and Notices*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

New Features and Enhancements

This chapter contains descriptions of the new features and enhancements in Oracle Healthcare Foundation. This chapter contains the following sections:

1.1 Unified Installer

Single unified installer supports installation of all data models, data management assembly, and data pipeline services. The installer has separate installations for the following components of Oracle Healthcare Foundation:

- **Data Models** - Installation for the following data model schemas in Oracle Database 12c:

  - Omics Data Bank

  - Healthcare Data Warehouse

  - Cohort Data Mart

  - Healthcare Common Data Mart

- **Data Management Assembly for Oracle Data Integrator 11g** - Installation for Oracle Data Integrator (ODI) ETLs and configuration schema or objects for the following loaders:

  - Terminology Loaders

  - Warehouse Integration Loaders

  - Cohort Data Mart Loaders

  - Application Toolkit Loaders

The following are the components that are packaged and delivered in this installer:

  - Omics Data Bank PLSQL data loaders

- – Healthcare Common Data Mart RPD for Oracle Business Intelligence

- – Self-Service Analytics Tool

- **Data Management Assembly for Informatica** - Installation for Informatica ETLs and configuration schemas and objects for the following loaders:

  - – Terminology Loaders

  - – Warehouse Integration Loaders

  - – Cohort Data Mart Loaders

  - – Application Toolkit Loaders

  The following are the components that are packaged and delivered in this installer:

  - – Omics Data Bank PLSQL data loaders

  - – Healthcare Common Data Mart RPD for Oracle Business Intelligence

  - – Self-Service Analytics Tool

- **Data Pipeline Services** - Installation for the following self-service features for Omics data loading:

  - – Secure File Upload

  - – Omics Loader Services

1.2 Data Model Updates

1.2.1 Interface Tables

The following tables are obsolete:

- HDI_CD_INTVER_EQVLNCY

- HDI_CD_SYS_INTVER_EQVLNCY

The following tables are added:

- HDI_APPT_RP

- HDI_INTVN_SPCMN

- HDI_OBSV_CNRN

- HDI_OBSV_SPCMN

- HDI_PATHO_FINDG

- HDI_PT_TMR_REGSTRY

- HDI_SCH_SVCPRV

- HDI_SFPP_METHD

- HDI_SFPS_METHD

- HDI_SFP_ARTFCT

- HDI_SFP_FIXTV

- HDI_SPCMN_FIXTN_PROC

- HDI_SRVY_ENC
- HDI_SRVY_PT
- HDI_SRVY_SVCPRV
- HDI_ORD_CNRN

The following attributes (excluding the previously mentioned tables) are added:

Table 1–1   Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_AA	OCUPATN_CD
HDI_AA	OCUPATN_CDG_SYS
HDI_AA	OCUPATN_CDG_SYS_VER
HDI_AA	PLC_OF_DTH_CD
HDI_AA	PLC_OF_DTH_CDG_SYS
HDI_AA	PLC_OF_DTH_CDG_SYS_VER
HDI_AA	PLC_OF_DTH_CIT
HDI_AA	PLC_OF_DTH_ST_CD
HDI_AA	PLC_OF_DTH_ST_CDG_SYS
HDI_AA	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_BILL_LN_ITM	SVCPRV_DAT_SRC_NUM_ID
HDI_BILL_LN_ITM	SVCPRV_INT_ID
HDI_BILL_LN_ITM	SVCPRV_SRC_CHANGED_ON_DT
HDI_CAREGV	OCUPATN_CD
HDI_CAREGV	OCUPATN_CDG_SYS
HDI_CAREGV	OCUPATN_CDG_SYS_VER
HDI_CAREGV	PLC_OF_DTH_CD
HDI_CAREGV	PLC_OF_DTH_CDG_SYS
HDI_CAREGV	PLC_OF_DTH_CDG_SYS_VER
HDI_CAREGV	PLC_OF_DTH_CIT
HDI_CAREGV	PLC_OF_DTH_ST_CD
HDI_CAREGV	PLC_OF_DTH_ST_CDG_SYS
HDI_CAREGV	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_CHIEF_COMPLAINT	LATRL_CD
HDI_CHIEF_COMPLAINT	LATRL_CDG_SYS
HDI_CHIEF_COMPLAINT	LATRL_CDG_SYS_VER
HDI_CNRN	EXTCAP_EXTN_FLG
HDI_CNRN	GRADNG_SYS_CD
HDI_CNRN	GRADNG_SYS_CDG_SYS
HDI_CNRN	GRADNG_SYS_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE1

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_CNRN	GRD_ATTRIBUTE10
HDI_CNRN	GRD_ATTRIBUTE11
HDI_CNRN	GRD_ATTRIBUTE12
HDI_CNRN	GRD_ATTRIBUTE13
HDI_CNRN	GRD_ATTRIBUTE14
HDI_CNRN	GRD_ATTRIBUTE15
HDI_CNRN	GRD_ATTRIBUTE16
HDI_CNRN	GRD_ATTRIBUTE17
HDI_CNRN	GRD_ATTRIBUTE18
HDI_CNRN	GRD_ATTRIBUTE19
HDI_CNRN	GRD_ATTRIBUTE1_CD
HDI_CNRN	GRD_ATTRIBUTE1_CDG_SYS
HDI_CNRN	GRD_ATTRIBUTE1_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE2
HDI_CNRN	GRD_ATTRIBUTE20
HDI_CNRN	GRD_ATTRIBUTE2_CD
HDI_CNRN	GRD_ATTRIBUTE2_CDG_SYS
HDI_CNRN	GRD_ATTRIBUTE2_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE3
HDI_CNRN	GRD_ATTRIBUTE3_CD
HDI_CNRN	GRD_ATTRIBUTE3_CDG_SYS
HDI_CNRN	GRD_ATTRIBUTE3_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE4
HDI_CNRN	GRD_ATTRIBUTE4_CD
HDI_CNRN	GRD_ATTRIBUTE4_CDG_SYS
HDI_CNRN	GRD_ATTRIBUTE4_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE5
HDI_CNRN	GRD_ATTRIBUTE5_CD
HDI_CNRN	GRD_ATTRIBUTE5_CDG_SYS
HDI_CNRN	GRD_ATTRIBUTE5_CDG_SYS_VER
HDI_CNRN	GRD_ATTRIBUTE6
HDI_CNRN	GRD_ATTRIBUTE7
HDI_CNRN	GRD_ATTRIBUTE8
HDI_CNRN	GRD_ATTRIBUTE9
HDI_CNRN	GRD_SCR
HDI_CNRN	GRWTH_PTTRN_CD
HDI_CNRN	GRWTH_PTTRN_CDG_SYS

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_CNRN	GRWTH_PTTRN_CDG_SYS_VER
HDI_CNRN	HIST_GRD_CD
HDI_CNRN	HIST_GRD_CDG_SYS
HDI_CNRN	HIST_GRD_CDG_SYS_VER
HDI_CNRN	LATRL_CD
HDI_CNRN	LATRL_CDG_SYS
HDI_CNRN	LATRL_CDG_SYS_VER
HDI_CNRN	MET_CD
HDI_CNRN	MET_CDG_SYS
HDI_CNRN	MET_CDG_SYS_VER
HDI_CNRN	NODE_EXTN_CD
HDI_CNRN	NODE_EXTN_CDG_SYS
HDI_CNRN	NODE_EXTN_CDG_SYS_VER
HDI_CNRN	PRMRY_GRD_CD
HDI_CNRN	PRMRY_GRD_CDG_SYS
HDI_CNRN	PRMRY_GRD_CDG_SYS_VER
HDI_CNRN	PRMRY_TMR_CD
HDI_CNRN	PRMRY_TMR_CDG_SYS
HDI_CNRN	PRMRY_TMR_CDG_SYS_VER
HDI_CNRN	SECNDRY_GRD_CD
HDI_CNRN	SECNDRY_GRD_CDG_SYS
HDI_CNRN	SECNDRY_GRD_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE1
HDI_CNRN	STAG_ATTRIBUTE10
HDI_CNRN	STAG_ATTRIBUTE11
HDI_CNRN	STAG_ATTRIBUTE12
HDI_CNRN	STAG_ATTRIBUTE13
HDI_CNRN	STAG_ATTRIBUTE14
HDI_CNRN	STAG_ATTRIBUTE15
HDI_CNRN	STAG_ATTRIBUTE16
HDI_CNRN	STAG_ATTRIBUTE17
HDI_CNRN	STAG_ATTRIBUTE18
HDI_CNRN	STAG_ATTRIBUTE19
HDI_CNRN	STAG_ATTRIBUTE1_CD
HDI_CNRN	STAG_ATTRIBUTE1_CDG_SYS
HDI_CNRN	STAG_ATTRIBUTE1_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE2

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_CNRN	STAG_ATTRIBUTE20
HDI_CNRN	STAG_ATTRIBUTE2_CD
HDI_CNRN	STAG_ATTRIBUTE2_CDG_SYS
HDI_CNRN	STAG_ATTRIBUTE2_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE3
HDI_CNRN	STAG_ATTRIBUTE3_CD
HDI_CNRN	STAG_ATTRIBUTE3_CDG_SYS
HDI_CNRN	STAG_ATTRIBUTE3_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE4
HDI_CNRN	STAG_ATTRIBUTE4_CD
HDI_CNRN	STAG_ATTRIBUTE4_CDG_SYS
HDI_CNRN	STAG_ATTRIBUTE4_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE5
HDI_CNRN	STAG_ATTRIBUTE5_CD
HDI_CNRN	STAG_ATTRIBUTE5_CDG_SYS
HDI_CNRN	STAG_ATTRIBUTE5_CDG_SYS_VER
HDI_CNRN	STAG_ATTRIBUTE6
HDI_CNRN	STAG_ATTRIBUTE7
HDI_CNRN	STAG_ATTRIBUTE8
HDI_CNRN	STAG_ATTRIBUTE9
HDI_CNRN	STAG_CD
HDI_CNRN	STAG_CDG_SYS
HDI_CNRN	STAG_CDG_SYS_VER
HDI_CNRN	STAG_PRGRSS_CD
HDI_CNRN	STAG_PRGRSS_CDG_SYS
HDI_CNRN	STAG_PRGRSS_CDG_SYS_VER
HDI_CNRN	STNG_SYS_VER_CD
HDI_CNRN	STNG_SYS_VER_CDG_SYS
HDI_CNRN	STNG_SYS_VER_CDG_SYS_VER
HDI_CNRN	STNG_TYP_CD
HDI_CNRN	STNG_TYP_CDG_SYS
HDI_CNRN	STNG_TYP_CDG_SYS_VER
HDI_CNRN	TMR_EXTN_PTTRN_CD
HDI_CNRN	TMR_EXTN_PTTRN_CDG_SYS
HDI_CNRN	TMR_EXTN_PTTRN_CDG_SYS_VER
HDI_CNRN	TUBL_FORMTN_RAT
HDI_CNTCT	OCUPATN_CD

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_CNTCT	OCUPATN_CDG_SYS
HDI_CNTCT	OCUPATN_CDG_SYS_VER
HDI_CNTCT	PLC_OF_DTH_CD
HDI_CNTCT	PLC_OF_DTH_CDG_SYS
HDI_CNTCT	PLC_OF_DTH_CDG_SYS_VER
HDI_CNTCT	PLC_OF_DTH_CIT
HDI_CNTCT	PLC_OF_DTH_ST_CD
HDI_CNTCT	PLC_OF_DTH_ST_CDG_SYS
HDI_CNTCT	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_COND	LATRL_CD
HDI_COND	LATRL_CDG_SYS
HDI_COND	LATRL_CDG_SYS_VER
HDI_CUST	OCUPATN_CD
HDI_CUST	OCUPATN_CDG_SYS
HDI_CUST	OCUPATN_CDG_SYS_VER
HDI_CUST	PLC_OF_DTH_CD
HDI_CUST	PLC_OF_DTH_CDG_SYS
HDI_CUST	PLC_OF_DTH_CDG_SYS_VER
HDI_CUST	PLC_OF_DTH_CIT
HDI_CUST	PLC_OF_DTH_ST_CD
HDI_CUST	PLC_OF_DTH_ST_CDG_SYS
HDI_CUST	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_DEP	OCUPATN_CD
HDI_DEP	OCUPATN_CDG_SYS
HDI_DEP	OCUPATN_CDG_SYS_VER
HDI_DEP	PLC_OF_DTH_CD
HDI_DEP	PLC_OF_DTH_CDG_SYS
HDI_DEP	PLC_OF_DTH_CDG_SYS_VER
HDI_DEP	PLC_OF_DTH_CIT
HDI_DEP	PLC_OF_DTH_ST_CD
HDI_DEP	PLC_OF_DTH_ST_CDG_SYS
HDI_DEP	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_DX	EXTCAP_EXTN_FLG
HDI_DX	GRADNG_SYS_CD
HDI_DX	GRADNG_SYS_CDG_SYS
HDI_DX	GRADNG_SYS_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE1

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_DX	GRD_ATTRIBUTE10
HDI_DX	GRD_ATTRIBUTE11
HDI_DX	GRD_ATTRIBUTE12
HDI_DX	GRD_ATTRIBUTE13
HDI_DX	GRD_ATTRIBUTE14
HDI_DX	GRD_ATTRIBUTE15
HDI_DX	GRD_ATTRIBUTE16
HDI_DX	GRD_ATTRIBUTE17
HDI_DX	GRD_ATTRIBUTE18
HDI_DX	GRD_ATTRIBUTE19
HDI_DX	GRD_ATTRIBUTE1_CD
HDI_DX	GRD_ATTRIBUTE1_CDG_SYS
HDI_DX	GRD_ATTRIBUTE1_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE2
HDI_DX	GRD_ATTRIBUTE20
HDI_DX	GRD_ATTRIBUTE2_CD
HDI_DX	GRD_ATTRIBUTE2_CDG_SYS
HDI_DX	GRD_ATTRIBUTE2_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE3
HDI_DX	GRD_ATTRIBUTE3_CD
HDI_DX	GRD_ATTRIBUTE3_CDG_SYS
HDI_DX	GRD_ATTRIBUTE3_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE4
HDI_DX	GRD_ATTRIBUTE4_CD
HDI_DX	GRD_ATTRIBUTE4_CDG_SYS
HDI_DX	GRD_ATTRIBUTE4_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE5
HDI_DX	GRD_ATTRIBUTE5_CD
HDI_DX	GRD_ATTRIBUTE5_CDG_SYS
HDI_DX	GRD_ATTRIBUTE5_CDG_SYS_VER
HDI_DX	GRD_ATTRIBUTE6
HDI_DX	GRD_ATTRIBUTE7
HDI_DX	GRD_ATTRIBUTE8
HDI_DX	GRD_ATTRIBUTE9
HDI_DX	GRD_SCR
HDI_DX	GRWTH_PTTRN_CD
HDI_DX	GRWTH_PTTRN_CDG_SYS

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_DX	GRWTH_PTTRN_CDG_SYS_VER
HDI_DX	HIST_GRD_CD
HDI_DX	HIST_GRD_CDG_SYS
HDI_DX	HIST_GRD_CDG_SYS_VER
HDI_DX	LATRL_CD
HDI_DX	LATRL_CDG_SYS
HDI_DX	LATRL_CDG_SYS_VER
HDI_DX	MET_CD
HDI_DX	MET_CDG_SYS
HDI_DX	MET_CDG_SYS_VER
HDI_DX	NODE_EXTN_CD
HDI_DX	NODE_EXTN_CDG_SYS
HDI_DX	NODE_EXTN_CDG_SYS_VER
HDI_DX	PRMRY_GRD_CD
HDI_DX	PRMRY_GRD_CDG_SYS
HDI_DX	PRMRY_GRD_CDG_SYS_VER
HDI_DX	PRMRY_TMR_CD
HDI_DX	PRMRY_TMR_CDG_SYS
HDI_DX	PRMRY_TMR_CDG_SYS_VER
HDI_DX	SECNDRY_GRD_CD
HDI_DX	SECNDRY_GRD_CDG_SYS
HDI_DX	SECNDRY_GRD_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE1
HDI_DX	STAG_ATTRIBUTE10
HDI_DX	STAG_ATTRIBUTE11
HDI_DX	STAG_ATTRIBUTE12
HDI_DX	STAG_ATTRIBUTE13
HDI_DX	STAG_ATTRIBUTE14
HDI_DX	STAG_ATTRIBUTE15
HDI_DX	STAG_ATTRIBUTE16
HDI_DX	STAG_ATTRIBUTE17
HDI_DX	STAG_ATTRIBUTE18
HDI_DX	STAG_ATTRIBUTE19
HDI_DX	STAG_ATTRIBUTE1_CD
HDI_DX	STAG_ATTRIBUTE1_CDG_SYS
HDI_DX	STAG_ATTRIBUTE1_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE2

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_DX	STAG_ATTRIBUTE20
HDI_DX	STAG_ATTRIBUTE2_CD
HDI_DX	STAG_ATTRIBUTE2_CDG_SYS
HDI_DX	STAG_ATTRIBUTE2_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE3
HDI_DX	STAG_ATTRIBUTE3_CD
HDI_DX	STAG_ATTRIBUTE3_CDG_SYS
HDI_DX	STAG_ATTRIBUTE3_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE4
HDI_DX	STAG_ATTRIBUTE4_CD
HDI_DX	STAG_ATTRIBUTE4_CDG_SYS
HDI_DX	STAG_ATTRIBUTE4_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE5
HDI_DX	STAG_ATTRIBUTE5_CD
HDI_DX	STAG_ATTRIBUTE5_CDG_SYS
HDI_DX	STAG_ATTRIBUTE5_CDG_SYS_VER
HDI_DX	STAG_ATTRIBUTE6
HDI_DX	STAG_ATTRIBUTE7
HDI_DX	STAG_ATTRIBUTE8
HDI_DX	STAG_ATTRIBUTE9
HDI_DX	STAG_CD
HDI_DX	STAG_CDG_SYS
HDI_DX	STAG_CDG_SYS_VER
HDI_DX	STAG_PRGRSS_CD
HDI_DX	STAG_PRGRSS_CDG_SYS
HDI_DX	STAG_PRGRSS_CDG_SYS_VER
HDI_DX	STNG_SYS_VER_CD
HDI_DX	STNG_SYS_VER_CDG_SYS
HDI_DX	STNG_SYS_VER_CDG_SYS_VER
HDI_DX	STNG_TYP_CD
HDI_DX	STNG_TYP_CDG_SYS
HDI_DX	STNG_TYP_CDG_SYS_VER
HDI_DX	TMR_EXTN_PTTRN_CD
HDI_DX	TMR_EXTN_PTTRN_CDG_SYS
HDI_DX	TMR_EXTN_PTTRN_CDG_SYS_VER
HDI_DX	TUBL_FORMTN_RAT
HDI_EMP	OCUPATN_CD

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_EMP	OCUPATN_CDG_SYS
HDI_EMP	OCUPATN_CDG_SYS_VER
HDI_EMP	PLC_OF_DTH_CD
HDI_EMP	PLC_OF_DTH_CDG_SYS
HDI_EMP	PLC_OF_DTH_CDG_SYS_VER
HDI_EMP	PLC_OF_DTH_CIT
HDI_EMP	PLC_OF_DTH_ST_CD
HDI_EMP	PLC_OF_DTH_ST_CDG_SYS
HDI_EMP	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_ENC	RSPNSBL_SVCPRV_DAT_SRC_NUM_ID
HDI_ENC	RSPNSBL_SVCPRV_INT_ID
HDI_ENC	RSPNSBL_SVCPRV_SRC_CH_ON_DT
HDI_GUARDN	OCUPATN_CD
HDI_GUARDN	OCUPATN_CDG_SYS
HDI_GUARDN	OCUPATN_CDG_SYS_VER
HDI_GUARDN	PLC_OF_DTH_CD
HDI_GUARDN	PLC_OF_DTH_CDG_SYS
HDI_GUARDN	PLC_OF_DTH_CDG_SYS_VER
HDI_GUARDN	PLC_OF_DTH_CIT
HDI_GUARDN	PLC_OF_DTH_ST_CD
HDI_GUARDN	PLC_OF_DTH_ST_CDG_SYS
HDI_GUARDN	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_GUARNTR	OCUPATN_CD
HDI_GUARNTR	OCUPATN_CDG_SYS
HDI_GUARNTR	OCUPATN_CDG_SYS_VER
HDI_GUARNTR	PLC_OF_DTH_CD
HDI_GUARNTR	PLC_OF_DTH_CDG_SYS
HDI_GUARNTR	PLC_OF_DTH_CDG_SYS_VER
HDI_GUARNTR	PLC_OF_DTH_CIT
HDI_GUARNTR	PLC_OF_DTH_ST_CD
HDI_GUARNTR	PLC_OF_DTH_ST_CDG_SYS
HDI_GUARNTR	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_HMN_SUBJ	OCUPATN_CD
HDI_HMN_SUBJ	OCUPATN_CDG_SYS
HDI_HMN_SUBJ	OCUPATN_CDG_SYS_VER
HDI_HMN_SUBJ	PLC_OF_DTH_CD
HDI_HMN_SUBJ	PLC_OF_DTH_CDG_SYS

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_HMN_SUBJ	PLC_OF_DTH_CDG_SYS_VER
HDI_HMN_SUBJ	PLC_OF_DTH_CIT
HDI_HMN_SUBJ	PLC_OF_DTH_ST_CD
HDI_HMN_SUBJ	PLC_OF_DTH_ST_CDG_SYS
HDI_HMN_SUBJ	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_IMG_INSTC	CORDNT_UOM_CD
HDI_IMG_INSTC	CORDNT_UOM_CDG_SYS
HDI_IMG_INSTC	CORDNT_UOM_CDG_SYS_VER
HDI_IMG_INSTC	IMG_INSTC_VAL_DT
HDI_IMG_INSTC	IMG_INSTC_VAL_QLFR_CD
HDI_IMG_INSTC	IMG_INSTC_VAL_QLFR_CDG_SYS
HDI_IMG_INSTC	IMG_INSTC_VAL_QLFR_CDG_SYS_VER
HDI_IMG_INSTC	IMG_X_POSTN
HDI_IMG_INSTC	IMG_Y_POSTN
HDI_IMG_INSTC	IMG_Z_POSTN
HDI_IMG_SRIES	BLCK_VRT_POSTN
HDI_IMG_SRIES	LIGHT_INTNSTY
HDI_IMG_SRIES	MAG
HDI_IMG_SRIES	PICTR_FILE_FMT_CD
HDI_IMG_SRIES	PICTR_FILE_FMT_CDG_SYS
HDI_IMG_SRIES	PICTR_FILE_FMT_CDG_SYS_VER
HDI_IMG_SRIES	PICTR_HGT
HDI_IMG_SRIES	PICTR_WDTH
HDI_IND_PRTY	OCUPATN_CD
HDI_IND_PRTY	OCUPATN_CDG_SYS
HDI_IND_PRTY	OCUPATN_CDG_SYS_VER
HDI_IND_PRTY	PLC_OF_DTH_CD
HDI_IND_PRTY	PLC_OF_DTH_CDG_SYS
HDI_IND_PRTY	PLC_OF_DTH_CDG_SYS_VER
HDI_IND_PRTY	PLC_OF_DTH_CIT
HDI_IND_PRTY	PLC_OF_DTH_ST_CD
HDI_IND_PRTY	PLC_OF_DTH_ST_CDG_SYS
HDI_IND_PRTY	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_INJ	LATRL_CD
HDI_INJ	LATRL_CDG_SYS
HDI_INJ	LATRL_CDG_SYS_VER
HDI_OBSV	OBSV_VAL_DT

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_OBSV	OBSV_VAL_QLFR_CD
HDI_OBSV	OBSV_VAL_QLFR_CDG_SYS
HDI_OBSV	OBSV_VAL_QLFR_CDG_SYS_VER
HDI_PAYEE	OCUPATN_CD
HDI_PAYEE	OCUPATN_CDG_SYS
HDI_PAYEE	OCUPATN_CDG_SYS_VER
HDI_PAYEE	PLC_OF_DTH_CD
HDI_PAYEE	PLC_OF_DTH_CDG_SYS
HDI_PAYEE	PLC_OF_DTH_CDG_SYS_VER
HDI_PAYEE	PLC_OF_DTH_CIT
HDI_PAYEE	PLC_OF_DTH_ST_CD
HDI_PAYEE	PLC_OF_DTH_ST_CDG_SYS
HDI_PAYEE	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_PROB	EXTCAP_EXTN_FLG
HDI_PROB	GRADNG_SYS_CD
HDI_PROB	GRADNG_SYS_CDG_SYS
HDI_PROB	GRADNG_SYS_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE1
HDI_PROB	GRD_ATTRIBUTE10
HDI_PROB	GRD_ATTRIBUTE11
HDI_PROB	GRD_ATTRIBUTE12
HDI_PROB	GRD_ATTRIBUTE13
HDI_PROB	GRD_ATTRIBUTE14
HDI_PROB	GRD_ATTRIBUTE15
HDI_PROB	GRD_ATTRIBUTE16
HDI_PROB	GRD_ATTRIBUTE17
HDI_PROB	GRD_ATTRIBUTE18
HDI_PROB	GRD_ATTRIBUTE19
HDI_PROB	GRD_ATTRIBUTE1_CD
HDI_PROB	GRD_ATTRIBUTE1_CDG_SYS
HDI_PROB	GRD_ATTRIBUTE1_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE2
HDI_PROB	GRD_ATTRIBUTE20
HDI_PROB	GRD_ATTRIBUTE2_CD
HDI_PROB	GRD_ATTRIBUTE2_CDG_SYS
HDI_PROB	GRD_ATTRIBUTE2_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE3

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_PROB	GRD_ATTRIBUTE3_CD
HDI_PROB	GRD_ATTRIBUTE3_CDG_SYS
HDI_PROB	GRD_ATTRIBUTE3_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE4
HDI_PROB	GRD_ATTRIBUTE4_CD
HDI_PROB	GRD_ATTRIBUTE4_CDG_SYS
HDI_PROB	GRD_ATTRIBUTE4_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE5
HDI_PROB	GRD_ATTRIBUTE5_CD
HDI_PROB	GRD_ATTRIBUTE5_CDG_SYS
HDI_PROB	GRD_ATTRIBUTE5_CDG_SYS_VER
HDI_PROB	GRD_ATTRIBUTE6
HDI_PROB	GRD_ATTRIBUTE7
HDI_PROB	GRD_ATTRIBUTE8
HDI_PROB	GRD_ATTRIBUTE9
HDI_PROB	GRD_SCR
HDI_PROB	GRWTH_PTTRN_CD
HDI_PROB	GRWTH_PTTRN_CDG_SYS
HDI_PROB	GRWTH_PTTRN_CDG_SYS_VER
HDI_PROB	HIST_GRD_CD
HDI_PROB	HIST_GRD_CDG_SYS
HDI_PROB	HIST_GRD_CDG_SYS_VER
HDI_PROB	LATRL_CD
HDI_PROB	LATRL_CDG_SYS
HDI_PROB	LATRL_CDG_SYS_VER
HDI_PROB	MET_CD
HDI_PROB	MET_CDG_SYS
HDI_PROB	MET_CDG_SYS_VER
HDI_PROB	NODE_EXTN_CD
HDI_PROB	NODE_EXTN_CDG_SYS
HDI_PROB	NODE_EXTN_CDG_SYS_VER
HDI_PROB	PRMRY_GRD_CD
HDI_PROB	PRMRY_GRD_CDG_SYS
HDI_PROB	PRMRY_GRD_CDG_SYS_VER
HDI_PROB	PRMRY_TMR_CD
HDI_PROB	PRMRY_TMR_CDG_SYS
HDI_PROB	PRMRY_TMR_CDG_SYS_VER

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_PROB	SECNDRY_GRD_CD
HDI_PROB	SECNDRY_GRD_CDG_SYS
HDI_PROB	SECNDRY_GRD_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE1
HDI_PROB	STAG_ATTRIBUTE10
HDI_PROB	STAG_ATTRIBUTE11
HDI_PROB	STAG_ATTRIBUTE12
HDI_PROB	STAG_ATTRIBUTE13
HDI_PROB	STAG_ATTRIBUTE14
HDI_PROB	STAG_ATTRIBUTE15
HDI_PROB	STAG_ATTRIBUTE16
HDI_PROB	STAG_ATTRIBUTE17
HDI_PROB	STAG_ATTRIBUTE18
HDI_PROB	STAG_ATTRIBUTE19
HDI_PROB	STAG_ATTRIBUTE1_CD
HDI_PROB	STAG_ATTRIBUTE1_CDG_SYS
HDI_PROB	STAG_ATTRIBUTE1_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE2
HDI_PROB	STAG_ATTRIBUTE20
HDI_PROB	STAG_ATTRIBUTE2_CD
HDI_PROB	STAG_ATTRIBUTE2_CDG_SYS
HDI_PROB	STAG_ATTRIBUTE2_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE3
HDI_PROB	STAG_ATTRIBUTE3_CD
HDI_PROB	STAG_ATTRIBUTE3_CDG_SYS
HDI_PROB	STAG_ATTRIBUTE3_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE4
HDI_PROB	STAG_ATTRIBUTE4_CD
HDI_PROB	STAG_ATTRIBUTE4_CDG_SYS
HDI_PROB	STAG_ATTRIBUTE4_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE5
HDI_PROB	STAG_ATTRIBUTE5_CD
HDI_PROB	STAG_ATTRIBUTE5_CDG_SYS
HDI_PROB	STAG_ATTRIBUTE5_CDG_SYS_VER
HDI_PROB	STAG_ATTRIBUTE6
HDI_PROB	STAG_ATTRIBUTE7
HDI_PROB	STAG_ATTRIBUTE8

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_PROB	STAG_ATTRIBUTE9
HDI_PROB	STAG_CD
HDI_PROB	STAG_CDG_SYS
HDI_PROB	STAG_CDG_SYS_VER
HDI_PROB	STAG_PRGRSS_CD
HDI_PROB	STAG_PRGRSS_CDG_SYS
HDI_PROB	STAG_PRGRSS_CDG_SYS_VER
HDI_PROB	STNG_SYS_VER_CD
HDI_PROB	STNG_SYS_VER_CDG_SYS
HDI_PROB	STNG_SYS_VER_CDG_SYS_VER
HDI_PROB	STNG_TYP_CD
HDI_PROB	STNG_TYP_CDG_SYS
HDI_PROB	STNG_TYP_CDG_SYS_VER
HDI_PROB	TMR_EXTN_PTTRN_CD
HDI_PROB	TMR_EXTN_PTTRN_CDG_SYS
HDI_PROB	TMR_EXTN_PTTRN_CDG_SYS_VER
HDI_PROB	TUBL_FORMTN_RAT
HDI_PT	DECD_INFO_SRC_CD
HDI_PT	DECD_INFO_SRC_CDG_SYS
HDI_PT	DECD_INFO_SRC_CDG_SYS_VER
HDI_PT	OCUPATN_CD
HDI_PT	OCUPATN_CDG_SYS
HDI_PT	OCUPATN_CDG_SYS_VER
HDI_PT	PLC_OF_DTH_CD
HDI_PT	PLC_OF_DTH_CDG_SYS
HDI_PT	PLC_OF_DTH_CDG_SYS_VER
HDI_PT	PLC_OF_DTH_CIT
HDI_PT	PLC_OF_DTH_ST_CD
HDI_PT	PLC_OF_DTH_ST_CDG_SYS
HDI_PT	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_PT	PRMRY_CSE_OF_DTH_CD
HDI_PT	PRMRY_CSE_OF_DTH_CDG_SYS
HDI_PT	PRMRY_CSE_OF_DTH_CDG_SYS_VER
HDI_PT	SECNDRY_CSE_OF_DTH_CD
HDI_PT	SECNDRY_CSE_OF_DTH_CDG_SYS
HDI_PT	SECNDRY_CSE_OF_DTH_CDG_SYS_VER
HDI_PT_ACCT	PT_ABL_TO_PAY_CD

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_PT_ACCT	PT_ABL_TO_PAY_CDG_SYS
HDI_PT_ACCT	PT_ABL_TO_PAY_CDG_SYS_VER
HDI_PT_ACCT_HLTHPLN	GRP_ID
HDI_PT_ACCT_HLTHPLN	MBR_ID
HDI_PT_HX	PT_HX_STUS_CD
HDI_PT_HX	PT_HX_STUS_CDG_SYS
HDI_PT_HX	PT_HX_STUS_CDG_SYS_VER
HDI_SBSCRBR	OCUPATN_CD
HDI_SBSCRBR	OCUPATN_CDG_SYS
HDI_SBSCRBR	OCUPATN_CDG_SYS_VER
HDI_SBSCRBR	PLC_OF_DTH_CD
HDI_SBSCRBR	PLC_OF_DTH_CDG_SYS
HDI_SBSCRBR	PLC_OF_DTH_CDG_SYS_VER
HDI_SBSCRBR	PLC_OF_DTH_CIT
HDI_SBSCRBR	PLC_OF_DTH_ST_CD
HDI_SBSCRBR	PLC_OF_DTH_ST_CDG_SYS
HDI_SBSCRBR	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_SCH_BLCK	SCH_BLCK_APPT_TYP_CD
HDI_SCH_BLCK	SCH_BLCK_APPT_TYP_CDG_SYS
HDI_SCH_BLCK	SCH_BLCK_APPT_TYP_CDG_SYS_VER
HDI_SCH_BLCK	SUBTYP_CD
HDI_SCH_BLCK	SUBTYP_CDG_SYS
HDI_SCH_BLCK	SUBTYP_CDG_SYS_VER
HDI_SPCMN	CUT_THKNS_UOM_CD
HDI_SPCMN	CUT_THKNS_UOM_CDG_SYS
HDI_SPCMN	CUT_THKNS_UOM_CDG_SYS_VER
HDI_SPCMN	FINAL_WT
HDI_SPCMN	INITAL_WT
HDI_SPCMN	INTERMDT_WT
HDI_SPCMN	MAX_CUT_THKNS
HDI_SPCMN	MIN_CUT_THKNS
HDI_SPCMN	SPCMN_HGT
HDI_SPCMN	SPCMN_INTG_CD
HDI_SPCMN	SPCMN_INTG_CDG_SYS
HDI_SPCMN	SPCMN_INTG_CDG_SYS_VER
HDI_SPCMN	SPCMN_LATRL_CD
HDI_SPCMN	SPCMN_LATRL_CDG_SYS

Table 1–1   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDI_SPCMN	SPCMN_LATRL_CDG_SYS_VER
HDI_SPCMN	SPCMN_LEN
HDI_SPCMN	SPCMN_LEN_UOM_CD
HDI_SPCMN	SPCMN_LEN_UOM_CDG_SYS
HDI_SPCMN	SPCMN_LEN_UOM_CDG_SYS_VER
HDI_SPCMN	SPCMN_WDTH
HDI_SPCMN	SPCMN_WT_UOM_CD
HDI_SPCMN	SPCMN_WT_UOM_CDG_SYS
HDI_SPCMN	SPCMN_WT_UOM_CDG_SYS_VER
HDI_SPCMN_PRN_PROC	SUBTYP_CD
HDI_SPCMN_PRN_PROC	SUBTYP_CDG_SYS
HDI_SPCMN_PRN_PROC	SUBTYP_CDG_SYS_VER
HDI_SRVY_QSTN_RSPNS	SRVY_QSTN_RSPNS_VAL_DT
HDI_SVCPRV	OCUPATN_CD
HDI_SVCPRV	OCUPATN_CDG_SYS
HDI_SVCPRV	OCUPATN_CDG_SYS_VER
HDI_SVCPRV	PLC_OF_DTH_CD
HDI_SVCPRV	PLC_OF_DTH_CDG_SYS
HDI_SVCPRV	PLC_OF_DTH_CDG_SYS_VER
HDI_SVCPRV	PLC_OF_DTH_CIT
HDI_SVCPRV	PLC_OF_DTH_ST_CD
HDI_SVCPRV	PLC_OF_DTH_ST_CDG_SYS
HDI_SVCPRV	PLC_OF_DTH_ST_CDG_SYS_VER
HDI_VNDR	OCUPATN_CD
HDI_VNDR	OCUPATN_CDG_SYS
HDI_VNDR	OCUPATN_CDG_SYS_VER
HDI_VNDR	PLC_OF_DTH_CD
HDI_VNDR	PLC_OF_DTH_CDG_SYS
HDI_VNDR	PLC_OF_DTH_CDG_SYS_VER
HDI_VNDR	PLC_OF_DTH_CIT
HDI_VNDR	PLC_OF_DTH_ST_CD
HDI_VNDR	PLC_OF_DTH_ST_CDG_SYS
HDI_VNDR	PLC_OF_DTH_ST_CDG_SYS_VER

The following attributes which were obsolete are now active:

Table 1–2   Active Attributes

TABLE_NAME	COLUMN_NAME
HDI_ID	ORG_PRTY_INT_ID
HDI_ID	ORG_PRTY_DAT_SRC_NUM_ID
HDI_ID	ORG_PRTY_SRC_CHANGED_ON_DT

The following attributes are obsolete:

Table 1–3   Obsolete Attributes

TABLE_NAME	COLUMN_NAME
HDI_ASSMT	SPCMN_DAT_SRC_NUM_ID
HDI_ASSMT	SPCMN_INT_ID
HDI_ASSMT	SPCMN_SRC_CHANGED_ON_DT
HDI_IMG_INSTC	SPCMN_DAT_SRC_NUM_ID
HDI_IMG_INSTC	SPCMN_INT_ID
HDI_IMG_INSTC	SPCMN_SRC_CHANGED_ON_DT
HDI_OBSV	SPCMN_DAT_SRC_NUM_ID
HDI_OBSV	SPCMN_INT_ID
HDI_OBSV	SPCMN_SRC_CHANGED_ON_DT
HDI_SCH	SVCPRV_DAT_SRC_NUM_ID
HDI_SCH	SVCPRV_INT_ID
HDI_SCH	SVCPRV_SRC_CHANGED_ON_DT
HDI_SPCMN	INTVN_DAT_SRC_NUM_ID
HDI_SPCMN	INTVN_INT_ID
HDI_SPCMN	INTVN_SRC_CHANGED_ON_DT

1.2.2 Healthcare Data Warehouse

The following tables are obsolete:

- HDM_CD_INTVER_EQVLNCY
- HDM_CD_SYS_INTVER_EQVLNCY

The following tables are added:

- HDM_APPT_RP
- HDM_GRD
- HDM_INTVN_SPCMN
- HDM_OBSV_CNRN
- HDM_OBSV_SPCMN
- HDM_PATHO_FINDG
- HDM_PT_TMR_REGSTRY
- HDM_SCH_SVCPRV

- HDM_SFPP_METHD
- HDM_SFPS_METHD
- HDM_SFP_ARTFCT
- HDM_SFP_FIXTV
- HDM_SPCMN_FIXTN_PROC
- HDM_SRVY_ENC
- HDM_SRVY_PT
- HDM_SRVY_SVCPRV
- HDM_STAG
- HDM_ORD_CNRN

The following attributes (excluding the tables previously mentioned) are added:

Table 1–4   Attributes Added

TABLE_NAME	COLUMN_NAME
HDM_BILL_LN_ITM	SVCPRV_ID
HDM_BILL_LN_ITM	SVCPRV_VN
HDM_CNRN	LATRL_CD_ID
HDM_CNRN	LATRL_CD_VN
HDM_CNRN	ORIG_LATRL_CD_ID
HDM_CNRN	ORIG_LATRL_CD_VN
HDM_ENC	RSPNSBL_SVCPRV_ID
HDM_ENC	RSPNSBL_SVCPRV_VN
HDM_IMG_INSTC	CORDNT_UOMCD_ID
HDM_IMG_INSTC	CORDNT_UOMCD_VN
HDM_IMG_INSTC	IMG_X_POSTN
HDM_IMG_INSTC	IMG_Y_POSTN
HDM_IMG_INSTC	IMG_Z_POSTN
HDM_IMG_INSTC	ORIG_CORDNT_UOMCD_ID
HDM_IMG_INSTC	ORIG_CORDNT_UOMCD_VN
HDM_IMG_SRIES	BLCK_VRT_POSTN
HDM_IMG_SRIES	LIGHT_INTNSTY
HDM_IMG_SRIES	MAG
HDM_IMG_SRIES	ORIG_PICTR_FILE_FMT_CD_ID
HDM_IMG_SRIES	ORIG_PICTR_FILE_FMT_CD_VN
HDM_IMG_SRIES	PICTR_FILE_FMT_CD_ID
HDM_IMG_SRIES	PICTR_FILE_FMT_CD_VN
HDM_IMG_SRIES	PICTR_HGT
HDM_IMG_SRIES	PICTR_WDTH
HDM_IND_PRTY	OCUPATN_CD_ID

Table 1–4   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDM_IND_PRTY	OCUPATN_CD_VN
HDM_IND_PRTY	ORIG_OCUPATN_CD_ID
HDM_IND_PRTY	ORIG_OCUPATN_CD_VN
HDM_IND_PRTY	ORIG_PLC_OF_DTH_CD_ID
HDM_IND_PRTY	ORIG_PLC_OF_DTH_CD_VN
HDM_IND_PRTY	ORIG_PLC_OF_DTH_ST_CD_ID
HDM_IND_PRTY	ORIG_PLC_OF_DTH_ST_CD_VN
HDM_IND_PRTY	PLC_OF_DTH_CD_ID
HDM_IND_PRTY	PLC_OF_DTH_CD_VN
HDM_IND_PRTY	PLC_OF_DTH_CIT
HDM_IND_PRTY	PLC_OF_DTH_ST_CD_ID
HDM_IND_PRTY	PLC_OF_DTH_ST_CD_VN
HDM_OBSV	OBSV_VAL_DT
HDM_OBSV	OBSV_VAL_QLFR_CD_ID
HDM_OBSV	OBSV_VAL_QLFR_CD_VN
HDM_OBSV	ORIG_OBSV_VAL_QLFR_CD_ID
HDM_OBSV	ORIG_OBSV_VAL_QLFR_CD_VN
HDM_PT	DECD_INFO_SRC_CD_ID
HDM_PT	DECD_INFO_SRC_CD_VN
HDM_PT	ORIG_DECD_INFO_SRC_CD_ID
HDM_PT	ORIG_DECD_INFO_SRC_CD_VN
HDM_PT	ORIG_PRMRY_CSE_OF_DTH_CD_ID
HDM_PT	ORIG_PRMRY_CSE_OF_DTH_CD_VN
HDM_PT	ORIG_SECNDRY_CSE_OF_DTH_CD_ID
HDM_PT	ORIG_SECNDRY_CSE_OF_DTH_CD_VN
HDM_PT	PRMRY_CSE_OF_DTH_CD_ID
HDM_PT	PRMRY_CSE_OF_DTH_CD_VN
HDM_PT	SECNDRY_CSE_OF_DTH_CD_ID
HDM_PT	SECNDRY_CSE_OF_DTH_CD_VN
HDM_PT_ACCT	ORIG_PT_ABL_TO_PAY_CD_ID
HDM_PT_ACCT	ORIG_PT_ABL_TO_PAY_CD_VN
HDM_PT_ACCT	PT_ABL_TO_PAY_CD_ID
HDM_PT_ACCT	PT_ABL_TO_PAY_CD_VN
HDM_PT_ACCT_HLTHPLN	GRP_ID
HDM_PT_ACCT_HLTHPLN	MBR_ID
HDM_PT_HX	ORIG_PT_HX_STCD_ID
HDM_PT_HX	ORIG_PT_HX_STCD_VN

Table 1–4   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDM_PT_HX	PT_HX_STCD_ID
HDM_PT_HX	PT_HX_STCD_VN
HDM_SCH_BLCK	ORIG_SCH_BLCK_APPT_TYP_ID
HDM_SCH_BLCK	ORIG_SCH_BLCK_APPT_TYP_VN
HDM_SCH_BLCK	ORIG_SCH_BLCK_SUBTYP_ID
HDM_SCH_BLCK	ORIG_SCH_BLCK_SUBTYP_VN
HDM_SCH_BLCK	SCH_BLCK_APPT_TYP_ID
HDM_SCH_BLCK	SCH_BLCK_APPT_TYP_VN
HDM_SCH_BLCK	SCH_BLCK_SUBTYP_ID
HDM_SCH_BLCK	SCH_BLCK_SUBTYP_VN
HDM_SPCMN	CUT_THKNS_UOMCD_ID
HDM_SPCMN	CUT_THKNS_UOMCD_VN
HDM_SPCMN	FINAL_WT
HDM_SPCMN	INITAL_WT
HDM_SPCMN	INTERMDT_WT
HDM_SPCMN	MAX_CUT_THKNS
HDM_SPCMN	MIN_CUT_THKNS
HDM_SPCMN	ORIG_CUT_THKNS_UOMCD_ID
HDM_SPCMN	ORIG_CUT_THKNS_UOMCD_VN
HDM_SPCMN	ORIG_SPCMN_INTG_CD_ID
HDM_SPCMN	ORIG_SPCMN_INTG_CD_VN
HDM_SPCMN	ORIG_SPCMN_LATRL_CD_ID
HDM_SPCMN	ORIG_SPCMN_LATRL_CD_VN
HDM_SPCMN	ORIG_SPCMN_LEN_UOMCD_ID
HDM_SPCMN	ORIG_SPCMN_LEN_UOMCD_VN
HDM_SPCMN	ORIG_SPCMN_WT_UOMCD_ID
HDM_SPCMN	ORIG_SPCMN_WT_UOMCD_VN
HDM_SPCMN	SPCMN_HGT
HDM_SPCMN	SPCMN_INTG_CD_ID
HDM_SPCMN	SPCMN_INTG_CD_VN
HDM_SPCMN	SPCMN_LATRL_CD_ID
HDM_SPCMN	SPCMN_LATRL_CD_VN
HDM_SPCMN	SPCMN_LEN
HDM_SPCMN	SPCMN_LEN_UOMCD_ID
HDM_SPCMN	SPCMN_LEN_UOMCD_VN
HDM_SPCMN	SPCMN_WDTH
HDM_SPCMN	SPCMN_WT_UOMCD_ID

Table 1–4   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
HDM_SPCMN	SPCMN_WT_UOMCD_VN
HDM_SPCMN_PRN_PROC	ORIG_SPCMN_PRN_PROC_SUBTYP_ID
HDM_SPCMN_PRN_PROC	ORIG_SPCMN_PRN_PROC_SUBTYP_VN
HDM_SPCMN_PRN_PROC	SPCMN_PRN_PROC_SUBTYP_ID
HDM_SPCMN_PRN_PROC	SPCMN_PRN_PROC_SUBTYP_VN
HDM_SRVY_QSTN_RSPNS	SRVY_QSTN_RSPNS_VAL_DT

The following Reference tables are updated:

Table 1–5   Reference Table Updates

TABLE_NAME	COLUMN_NAME	REFERENCE_TABLE_NAME
HDM_PRTY_ID	PRTY_ID	HDM_PRTY
HDM_PRTY_ID	PRTY_VN	HDM_PRTY

The following attributes are obsolete:

Table 1–6   Obsolete Attributes

TABLE_NAME	COLUMN_NAME
HDM_OBSV	SPCMN_ID
HDM_OBSV	SPCMN_VN
HDM_SCH	SVCPRV_ID
HDM_SCH	SVCPRV_VN
HDM_SPCMN	INTVN_ID
HDM_SPCMN	INTVN_VN

The following index is renamed:

Table 1–7   Index renamed

Current Index Name	Old Index Name
HDM_CROSS_MAP_ATRB_CD_TYP_S_N1	HDM_CROSS_MAP_ATRB_CD_TYP_S_UK

1.2.3 Healthcare Common Data Mart

The following are the new Fact Tables:

- W_HCD_BILL_F
- W_HCD_CLAIM_F
- W_HCD_CLAIM_PAYMT_F
- W_HCD_ENC_CHARGE_F
- W_HCD_OBSERVATION_F
- W_HCD_PATIENT_ACCOUNT_F
- W_HCD_PATIENT_F

The following is the new Fact Bridge Table:

- W_HCD_PT_ACNT_HLTH_PLN_FB

The following are the new Fact Child Tables:

- W_HCD_BILL_LINE_FC
- W_HCD_CLAIM_LINE_FC
- W_HCD_CLAIM_PAYMT_LINE_FC

The following are the new Dimension Views for Fact Tables:

- W_HCD_BILL_DV
- W_HCD_CLAIM_DV
- W_HCD_CLAIM_PAYMT_DV
- W_HCD_ENCOUNTER_DV
- W_HCD_PATIENT_ACCOUNT_DV
- W_HCD_PT_ACNT_HLTH_PLN_DV

The following are the new Fact Views:

- W_HCD_BILL_LINE_FV
- W_HCD_CLAIM_LINE_FV
- W_HCD_CLAIM_PAYMT_LINE_FV
- W_HCD_PT_ACNT_HLTH_PLN_FV

The following is the new Bridge Views:

- W_HCD_PT_ACNT_HLTH_PLN_BV

The following are the new Dimension Tables:

- W_HCD_CHARGE_MASTER_D
- W_HCD_COST_CENTER_D
- W_HCD_DRG_D
- W_HCD_GUARANTOR_D
- W_HCD_HEALTH_PLAN_D
- W_HCD_HOUR_OF_DAY_D
- W_HCD_INSURER_D
- W_HCD_OBSERVATION_D
- W_HCD_OBSERVATION_VALUE_D

The following are the new Shrunken Dimension Tables:

- W_HCD_TIME_OF_DAY_D
- W_HCD_YEAR_D
- W_HCD_QTR_D
- W_HCD_MONTH_D
- W_HCD_WEEK_D

The following are the new Coded Dimensions:

Table 1–8   New Coded Dimensions

New Coded Dimension	Code Type Code	Code Type Name	Referencing Fact
W_HCD_PT_ACNT_TYP_DV	PT_ACCT_TYP	Payment Account Type	W_HCD_PATIENT_ACCOUNT_F
W_HCD_PREADMIT_CERT_CD_DV	PREADMT_CERTN_CD	Preadmission Certification Code	W_HCD_PATIENT_ACCOUNT_F
W_HCD_PT_ABLTY_TO_PAY_CD_DV	PT_ABL_TO_PAY_CD	Patient Ability To Pay Code	W_HCD_PATIENT_ACCOUNT_F
W_HCD_PA_HLTH_PLN_RLSHPTYP_DV	PT_ACCT_HPLN_RLSHPTYP	Patient Account Health Plan Relationship Type	W_HCD_PT_ACNT_HLTH_PLN_FB
W_HCD_BILL_TYP_DV	BILL_TYP	Bill Type	W_HCD_BILL_F
W_HCD_BILL_STCD_DV	BILL_STCD	Bill Status Code	W_HCD_BILL_F
W_HCD_ESTD_PAYMT_TYP_DV	ESTD_PAYMT_TYP	Estimated Payment Type	W_HCD_BILL_F
W_HCD_TAX_TYP_DV	TAX_TYP	Tax Type Code	W_HCD_BILL_F
W_HCD_BILL_REASON_CD_DV	BILL_RSN_CD	Bill Reason Code	W_HCD_BILL_F
W_HCD_BILL_MDFR_CD_DV	BILL_LN_ITM_MDFR_CD	Bill Modifier Code	W_HCD_BILL_LINE_FC
W_HCD_CURR_CD_DV	CURR_CD	Currency Code	Not Applicable
W_HCD_CLAIM_TYP_DV	CLM_TYP	Claim Type	W_HCD_CLAIM_F
W_HCD_CLAIM_STCD_DV	CLM_STCD	Claim Status Code	W_HCD_CLAIM_F
W_HCD_CLAIM_HOLD_CD_DV	CLM_HLD_CD	Claim Hold Code	W_HCD_CLAIM_F
W_HCD_CLAIM_COND_CD_DV	CLM_COND_CD	Claim Condition Code	W_HCD_CLAIM_F
W_HCD_CLAIM_OCCUR_CD_DV	CLM_OCCR_CD	Claim Occurrence Code	W_HCD_CLAIM_F
W_HCD_CLAIM_VALUE_CD_DV	CLM_VAL_CD	Claim Value Code	W_HCD_CLAIM_F
W_HCD_STATE_CD_DV	USPS_ST_CD	State Code	W_HCD_CLAIM_F
W_HCD_COUNTRY_CD_DV	ISO_CNTRY_CD	Country Code	Not Applicable
W_HCD_CLAIM_LINE_TYP_DV	CLM_LN_ITM_TYP	Claim Line Type	W_HCD_CLAIM_LINE_FC
W_HCD_TYP_OF_SVC_CD_DV	TYP_OF_SVC_CD	Type of Service Code	W_HCD_CLAIM_LINE_FC
W_HCD_PLC_OF_SVC_CD_DV	PLC_OF_SVC_CD	Place of Service Code	W_HCD_CLAIM_LINE_FC
W_HCD_CLAIM_MDFR_CD_DV	CLM_LN_ITM_MDFR_CD	Claim Modifier Code	W_HCD_CLAIM_LINE_FC
W_HCD_SVC_OR_SUPL_UOMCD_DV	UCUM_UOMCD	Service or Supply UoM Code	Not Applicable
W_HCD_CLAIM_PAYMT_STCD_DV	CLM_PAYMT_STCD	Claim Payment Status Code	W_HCD_CLAIM_PAYMT_F
W_HCD_PAYMT_METHD_TYP_DV	PAYMT_METHD_TYP	Payment Method Type	W_HCD_CLAIM_PAYMT_F
W_HCD_PAYMT_TYP_DV	PAYMT_TYP	Payment Type	W_HCD_CLAIM_PAYMT_F
W_HCD_OUTLIER_TYP_DV	OTLR_TYP	Outlier Type	W_HCD_CLAIM_PAYMT_F
W_HCD_CLAIM_PAYMT_LINE_STCD_DV	CLM_PAYMT_LN_ITM_STCD	Claim Payment Line Status Code	W_HCD_CLAIM_PAYMT_LINE_FC
W_HCD_PATIENT_STCD_DV	PT_STCD	Patient Status Code	W_HCD_PATIENT_F
W_HCD_GENDER_CD_DV	HL7_GNDR_CD	Gender Code	W_HCD_PATIENT_F
W_HCD_LIVING_DEPENDENCY_CD_DV	LIVG_DEPC_CD	Living Dependency Code	W_HCD_PATIENT_F
W_HCD_OBSV_SUBTYP_DV	OBSV_SUBTYP	Observation Subtype	W_HCD_ENC_OBSERVATION_F

Table 1–8   (Cont.) New Coded Dimensions

New Coded Dimension	Code Type Code	Code Type Name	Referencing Fact
W_HCD_OBSV_STCD_DV	OBSV_STCD	Observation Status Code	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_METHD_CD_ DV	OBSV_METHD_CD	Observation Method Code	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_VALUE_TYP_ DV	VAL_TYP	Observation Value Type	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_VALUE_QUAL_ CD_DV	OBSV_VAL_QLFR_CD	Observation Value Qualifier Code	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_INTERP_CD_ DV	INTERP_CD	Observation Interpretation Code	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_PT_REASON_ CD_DV	OBSV_RSN_CD	Observation Patient Reason Code	W_HCD_ENC_OBSERVATION_F
W_HCD_INFORMANT_CD_DV	INFRMNT_TYP	Informant Code	W_HCD_ENC_OBSERVATION_F
W_HCD_SPECIMEN_TYP_DV	HL7_SPCMN_TYP	Specimen Type	W_HCD_ENC_OBSERVATION_F
W_HCD_OBSV_VALUE_ UOMCD_DV	UCUM_UOMCD	Observation Value UoM Code	Not Applicable

The following attributes are obsolete:

Table 1–9   Obsolete Attributes

TABLE_NAME	COLUMN_NAME
W_HCD_ENCOUNTER_F	DRG_CD_WID

The following attributes are added:

Table 1–10   Attributes Added

TABLE_NAME	COLUMN_NAME
W_HCD_ENCOUNTER_F	APR_DRG_WID
W_HCD_ENCOUNTER_F	AP_DRG_WID
W_HCD_ENCOUNTER_F	MS_DRG_WID
W_HCD_ENCOUNTER_F	ENC_ARRIVAL_TOD_WID
W_HCD_ENCOUNTER_F	ENC_CANCELLED_TOD_WID
W_HCD_ENCOUNTER_F	ENC_END_TOD_WID
W_HCD_ENCOUNTER_F	ENC_OCCURRED_TOD_WID
W_HCD_ENCOUNTER_F	ENC_RESCHED_TOD_WID
W_HCD_ENCOUNTER_F	ENC_SCHED_TOD_WID
W_HCD_ENCOUNTER_F	ENC_START_TOD_WID
W_HCD_ENCOUNTER_F	PLANNED_DISCH_TOD_WID
W_HCD_ENCOUNTER_F	PATIENT_ACCOUNT_WID
W_HCD_ENC_DIAG_FB	LAST_EXPERIENCED_TOD_WID
W_HCD_ENC_DIAG_FB	ONSET_TOD_WID
W_HCD_ENC_DIAG_FB	RECORDED_TOD_WID
W_HCD_ENC_DIAG_FB	RESOLUTION_TOD_WID
W_HCD_ENC_PROC_FB	PROC_END_TOD_WID

Table 1–10   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
W_HCD_ENC_PROC_FB	PROC_START_TOD_WID
W_HCD_ENC_IND_SVC_PROV_FB	IND_SVC_PROV_END_TOD_WID
W_HCD_ENC_IND_SVC_PROV_FB	IND_SVC_PROV_START_TOD_WID
W_HCD_SUBST_ADMIN_FB	SUBST_ADMIN_END_TOD_WID
W_HCD_SUBST_ADMIN_FB	SUBST_ADMIN_START_TOD_WID
W_HCD_EMPLOYEE_D	INT_ORG_WID
W_HCD_IND_SVC_PROV_D	HOME_ADDR_LINE_1
W_HCD_IND_SVC_PROV_D	HOME_ADDR_LINE_2
W_HCD_IND_SVC_PROV_D	HOME_ADDR_LINE_3
W_HCD_IND_SVC_PROV_D	HOME_ADDR_EFF_DT
W_HCD_IND_SVC_PROV_D	HOME_PHONE_NUM
W_HCD_IND_SVC_PROV_D	MOBILE_NUM
W_HCD_IND_SVC_PROV_D	WORK_PHONE_NUM
W_HCD_IND_SVC_PROV_D	PRIMARY_EMAIL_ADDR
W_HCD_IND_SVC_PROV_D	ALTERNATE_EMAIL_ADDR
W_HCD_INT_ORG_D	CREDIT_STATUS_CODE
W_HCD_INT_ORG_D	CREDIT_STATUS_DESC
W_HCD_INT_ORG_D	CREDIT_STATUS_NAME
W_HCD_INT_ORG_D	CREDIT_STATUS_CDSYSCD
W_HCD_INT_ORG_D	CREDIT_STATUS_CDSYSNM
W_HCD_INT_ORG_D	CREDIT_STATUS_CDSYSVR
W_HCD_INT_ORG_D	IND_CLSFN_CODE
W_HCD_INT_ORG_D	IND_CLSFN_DESC
W_HCD_INT_ORG_D	IND_CLSFN_NAME
W_HCD_INT_ORG_D	IND_CLSFN_CDSYSCD
W_HCD_INT_ORG_D	IND_CLSFN_CDSYSNM
W_HCD_INT_ORG_D	IND_CLSFN_CDSYSVR
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_CODE
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_DESC
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_NAME
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_CDSYSCD
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_CDSYSNM
W_HCD_INT_ORG_D	IND_CLSFN_SUBTYPE_CDSYSVR
W_HCD_INT_ORG_D	ADDR_EFF_DT
W_HCD_ORG_SVC_PROV_D	ADDR_LINE_1
W_HCD_ORG_SVC_PROV_D	ADDR_LINE_2
W_HCD_ORG_SVC_PROV_D	ADDR_LINE_3

Table 1–10   (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
W_HCD_ORG_SVC_PROV_D	EMAIL_ADDR
W_HCD_ORG_SVC_PROV_D	WEB_PAGE_ADDR
W_HCD_PATIENT_D	HOME_ADDR_LINE_1
W_HCD_PATIENT_D	HOME_ADDR_LINE_2
W_HCD_PATIENT_D	HOME_ADDR_LINE_3
W_HCD_PATIENT_D	HOME_ADDR_EFF_DT
W_HCD_PATIENT_D	HOME_PHONE_NUM
W_HCD_PATIENT_D	MOBILE_NUM
W_HCD_PATIENT_D	WORK_PHONE_NUM
W_HCD_PATIENT_D	PRIMARY_EMAIL_ADDR
W_HCD_PATIENT_D	ALTERNATE_EMAIL_ADDR
W_HCD_PATIENT_D	DECEASED_INFO_SRC_CODE
W_HCD_PATIENT_D	DECEASED_INFO_SRC_DESC
W_HCD_PATIENT_D	DECEASED_INFO_SRC_NAME
W_HCD_PATIENT_D	DECEASED_INFO_SRC_CDSYSCD
W_HCD_PATIENT_D	DECEASED_INFO_SRC_CDSYSNM
W_HCD_PATIENT_D	DECEASED_INFO_SRC_CDSYSVR
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_CODE
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_DESC
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_NAME
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_CDSYSCD
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_CDSYSNM
W_HCD_PATIENT_D	PRI_CAUSE_OF_DEATH_CDSYSVR
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_CODE
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_DESC
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_NAME
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_CDSYSCD
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_CDSYSNM
W_HCD_PATIENT_D	SEC_CAUSE_OF_DEATH_CDSYSVR
W_HCD_PATIENT_D	PLACE_OF_DEATH_CODE
W_HCD_PATIENT_D	PLACE_OF_DEATH_DESC
W_HCD_PATIENT_D	PLACE_OF_DEATH_NAME
W_HCD_PATIENT_D	PLACE_OF_DEATH_CDSYSCD
W_HCD_PATIENT_D	PLACE_OF_DEATH_CDSYSNM
W_HCD_PATIENT_D	PLACE_OF_DEATH_CDSYSVR
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_CODE
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_DESC

Table 1–10 (Cont.) Attributes Added

TABLE_NAME	COLUMN_NAME
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_NAME
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_CDSYSCD
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_CDSYSNM
W_HCD_PATIENT_D	PLACE_OF_DEATH_STATE_CDSYSVR
W_HCD_PATIENT_D	PLACE_OF_DEATH_CITY
W_HCD_PATIENT_D	OCCUPATION_CODE
W_HCD_PATIENT_D	OCCUPATION_DESC
W_HCD_PATIENT_D	OCCUPATION_NAME
W_HCD_PATIENT_D	OCCUPATION_CDSYSCD
W_HCD_PATIENT_D	OCCUPATION_CDSYSNM
W_HCD_PATIENT_D	OCCUPATION_CDSYSVR

1.3 Healthcare Data Warehouse

The following are the enhancements:

- There are 17 new tables added and new attributes added to 15 existing entities.

- Specimen, Observation, and Intervention subject areas support histopathology data.

- New intersection entities added in Survey subject.

- New entities added in Scheduling subject to support related party pattern and new intersection entity added to capture the relationship between a Schedule and a Service Provider.

1.4 Warehouse Integration Loaders

1.4.1 Warehouse Integration ETLs

New warehouse integration ETLs are provided for all new Interface Tables. For more information on Interface Tables, see Section 1.2.1.

HDI_ETL_GLBL_PARAM_G Updates

Parameter name updated for the following global parameters:

Table 1–11 Global Parameters

New Parameter Name (New Default Value)	Old Parameter Name (Old Default Value)
VERSIONING (YES)	IGNORE_VERSIONING (NO)
ALLOW_INVALID_CODE (NO)	IGNORE_INVALID_CODE (NO)
ALLOW_INVALID_REFERENCES (NO)	IGNORE_INVALID_RFRNCD_COL (NO)

The following parameter is obsolete:

- MAP_TYPE_USED_FOR_STANDARDIZATION

The following new parameters are added:

- RULE_ID_RFRNCED_COL_NULL

- SMTP_MAIL_FROM (Applicable only for WIL ODI loaders)

1.4.2 New Validation Rules of ARC Entity

New foundation rule is implemented in HDI_ARC ETL to validate source node and target node are not same (except for root node).

This rule applies for records having Root Node Flag value N or NULL to ensure value of source node and target node are not same.

This rule applies to the following combination of attributes in ARC entity:

```
Source Individual Party      Target Individual Party
Source Organization Party    Target Organization Party
Source RoleTarget            Role
Source CodeTarget            Code
```

Exception Message Code: RULE_ID_NODES_INVALID

Exception Message Description: Exception occurred because Source Node and Target Node must not be same except for Root Node | attributes causing error appended at the end of exception message.

1.4.3 Warehouse Integration Load Plan

ODI load plan is provided to load HDM tables used by Application Toolkit.

1.5 Application Toolkit

There are 11 new fact tables and 51 new dimensions added to Healthcare Common Data Mart to support measures related to Charges, Billing, Claims, Payment, Patient, and Observation.

The following are the new fact and dimension tables:

New Fact Tables

- Patient

- Observation

- Patient Account

- Patient Account Health Plan

- Encounter Charge

- Bill

- Bill Line

- Claim

- Clam Line

- Claim Payment

- Claim Payment Line

New Dimension Tables

- DRG
- Encounter
- Observation Codes
- Observation Value
- Charge Master
- Cost Center
- Insurer
- Health Plan
- Guarantor
- Patient Account
- Patient Account Health Plan
- Bill
- Claim
- Claim Payment
- Year
- Quarter
- Month
- Week
- Hour of Day
- Observation Status
- Observation Method
- Observation Interpretation
- Observation Patient Reason
- Observation Subtype
- Observation Value Qualifier Code
- Observation Value Type
- Bill Status
- Bill Type
- Bill Modifier
- Bill Reason
- Claim Status
- Claim Condition
- Claim Holding
- Claim Type
- Claim Line Type
- Claim Modifier

- Claim Occurrence
- Claim Payment Status
- Claim Payment Line Status
- Claim Payment Method Type
- Claim Payment Type
- Estimated Payment Type
- Patient Account Health Plan Relationship Type
- Patient Ability To Pay
- Patient Account Type
- Place of Service Code
- Preadmit Certification
- Tax Type
- Type of Service

1.6 Application Toolkit Loaders

1.6.1 Application Toolkit ETLs

New application toolkit ETLs are provided for new fact tables, fact bridge tables, fact child tables, and dimension tables. For more details, see Section 1.2.3.

New Parameters added in HCD_ETL_ENTY_SELCTN_PARAM_G

Table 1–12   New Parameters added for Encounter Fact Table

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_ENCOUNTER_F	ENC_MSDRG_CDTYP	MS_DRG_CD
W_HCD_ENCOUNTER_F	ENC_APDRG_CDTYP	AP_DRG_CD
W_HCD_ENCOUNTER_F	ENC_APRDRG_CDTYP	APR_DRG_CD

Table 1–13   New Parameters added for new Fact Tables

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_BILL_F	ENC_RSPNSBL_ORG_SVCPRV_RLSHPTYP_CD	ENC_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_CLAIM_F	ENC_RSPNSBL_ORG_SVCPRV_RLSHPTYP_CD	ENC_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_CLAIM_F	ENC_SVCPRV_RLSHPTYP_PRMRY_ATTNDG_SVCPRV_CD	ENC_SVCPRV_RLSHPTYP_ATTNDG_SVCPRV
W_HCD_CLAIM_F	CLM_DX_PRIMARY_ADMTNG_DX_RLSHPTYP_CD	-
W_HCD_CLAIM_F	CLM_DX_PRNCPL_DX_RLSHPTYP_CD	-
W_HCD_CLAIM_F	CLM_INTVN_PRNCPL_PROC_RLSHPTYP_CD	-
W_HCD_CLAIM_PAYMT_F	ENC_RSPNSBL_ORG_SVCPRV_RLSHPTYP_CD	ENC_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV

Table 1–13   (Cont.) New Parameters added for new Fact Tables

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_ENC_CHARGE_F	ENC_CHRG_RSPNSBL_ORG_SVCPRV_RLSHPTYP_CD	ENC_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_OBSERVATION_F	OBSV_SVCPRV_RLSHPTYP_RSPNSBL_IND_SVCPRV_CD	OBSV_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_OBSERVATION_F	OBSV_SVCPRV_RLSHPTYP_RSPNSBL_ORG_SVCPRV_CD	OBSV_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_OBSERVATION_F	OBSV_SVCPRV_RLSHPTYP_PERFMR_CD	OBSV_SVCPRV_RLSHPTYP_PERFMR
W_HCD_OBSERVATION_F	OBSV_SVCPRV_RLSHPTYP_VRFR_CD	OBSV_SVCPRV_RLSHPTYP_VRFR
W_HCD_OBSERVATION_F	OBSV_SVCPRV_RLSHPTYP_RCRDR_CD	OBSV_SVCPRV_RLSHPTYP_RCRDR
W_HCD_OBSERVATION_F	OBSV_RSN_SUBTYP_OBS_PT_RSN_CD	OBSV_RSN_SUBTYP_OBS_PT_RSN
W_HCD_OBSERVATION_F	OBSV_SUBTYP_CD	OBSV_SUBTYP_ACTY_ST
		OBSV_SUBTYP_ADL
		OBSV_SUBTYP_ADVS_EVNT
		OBSV_SUBTYP_ASSMT
		OBSV_SUBTYP_PATHO_FINDG
		OBSV_SUBTYP_CMPLCTN
		OBSV_SUBTYP_CNTRAINDCTN
		OBSV_SUBTYP_DC_NT
		OBSV_SUBTYP_EVLTN
		OBSV_SUBTYP_IMG_INSTNCE
		OBSV_SUBTYP_INTLRNCE
		OBSV_SUBTYP_RPT
		OBSV_SUBTYP_RSLT
W_HCD_PATIENT_ACCOUNT_F	ENC_RSPNSBL_ORG_SVCPRV_RLSHPTYP_CD	ENC_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV
W_HCD_PATIENT_F	PT_SVCPRV_RLSHPTYP_PRMRY_CARE_SVCPRV_CD	PT_SVCPRV_RLSHPTYP_PRMRY_CARE_PHYS
W_HCD_PATIENT_F	PT_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV_CD	PT_SVCPRV_RLSHPTYP_RSPNSBL_SVCPRV

Table 1–14   New Parameters added for Individual Service Provider Dimension

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_IND_SVC_PROV_D	PRTY_ALT_ID_TYP_3_CD	PRTY_ID_TYP_PPT_NBR
W_HCD_IND_SVC_PROV_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_IND_SVC_PROV_D	CNTCT_INFO_SUBTYP_TELE_CD	CNTCT_INFO_SUBTYP_TELE
W_HCD_IND_SVC_PROV_D	CNTCT_INFO_SUBTYP_MOB_CD	CNTCT_INFO_SUBTYP_MOB
W_HCD_IND_SVC_PROV_D	CNTCT_INFO_TYP_HME_TELE_CD	H
W_HCD_IND_SVC_PROV_D	CNTCT_INFO_TYP_WRK_TELE_CD	WP
W_HCD_IND_SVC_PROV_D	PRTY_RLSHPTYP_SPV_CD	PRTY_RLSHPTYP_MGR

Table 1–15   New Parameters added for Organization Service Provider Dimension

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_ORG_SVC_PROV_D	CNTCT_INFO_SUBTYP_URL_CD	CNTCT_INFO_SUBTYP_URL
W_HCD_ORG_SVC_PROV_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_ORG_SVC_PROV_D	SVCPRV_PRTY_RLSHPTYP_CD	SVCPRV_PRTY_RLSHPTYP_MBR_BIZ_UNT

Table 1–16   New Parameters added for Patient Dimension

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_PATIENT_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_PATIENT_D	CNTCT_INFO_SUBTYP_TELE_CD	CNTCT_INFO_SUBTYP_TELE
W_HCD_PATIENT_D	CNTCT_INFO_SUBTYP_MOB_CD	CNTCT_INFO_SUBTYP_MOB
W_HCD_PATIENT_D	CNTCT_INFO_TYP_WRK_TELE_CD	WP
W_HCD_PATIENT_D	CNTCT_INFO_TYP_HME_TELE_CD	H

Table 1–17   New Parameters added for new Dimension Tables

Entity Name (MSTR_ENTY_NM)	Parameter Name (ATTRIB_NM)	Default Parameter Value (ATTRIB_VAL)
W_HCD_CHARGE_MASTER_D	CHRG_MSTR_STCD	-
W_HCD_CHARGE_MASTER_D	CHRG_MSTR_RLSHPTYP_CD	CHRG_MSTR_RLSHPTYP_PARENT
W_HCD_COST_CENTER_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_COST_CENTER_D	CNTCT_INFO_SUBTYP_TELE_CD	CNTCT_INFO_SUBTYP_TELE
W_HCD_COST_CENTER_D	CNTCT_INFO_SUBTYP_URL_CD	CNTCT_INFO_SUBTYP_URL
W_HCD_COST_CENTER_D	PRTY_ADDR_TYP_BUS_CD	PRTY_ADDR_TYP_BUS
W_HCD_COST_CENTER_D	PRTY_RLSHPTYP_MGR_CD	PRTY_RLSHPTYP_MGR
W_HCD_COST_CENTER_D	CNTCT_INFO_SUBTYP_FAX_CD	CNTCT_INFO_SUBTYP_FAX
W_HCD_DRG_D	TYPE_CD	APR_DRG_TYP,APS_DRG_TYP,AP_DRG_TYP,IR_DRG_TYP,MS_DRG_TYP,R_DRG_TYP,S_DRG_TYP
W_HCD_GUARANTOR_D	PRTY_ID_TYP_CD	PRTY_ID_TYP_SSN
W_HCD_GUARANTOR_D	CNTCT_INFO_SUBTYP_TELE_CD	CNTCT_INFO_SUBTYP_TELE
W_HCD_GUARANTOR_D	CNTCT_INFO_SUBTYP_MOB_CD	CNTCT_INFO_SUBTYP_MOB
W_HCD_GUARANTOR_D	CNTCT_INFO_TYP_HME_TELE_CD	H
W_HCD_GUARANTOR_D	CNTCT_INFO_SUBTYP_URL_CD	CNTCT_INFO_SUBTYP_URL
W_HCD_GUARANTOR_D	CNTCT_INFO_TYP_WRK_TELE_CD	WP
W_HCD_GUARANTOR_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_GUARANTOR_D	PRTY_ADDR_TYP_HME_CD	PRTY_ADDR_TYP_HME
W_HCD_INSURER_D	CNTCT_INFO_SUBTYP_EML_CD	CNTCT_INFO_SUBTYP_EML
W_HCD_INSURER_D	CNTCT_INFO_SUBTYP_FAX_CD	CNTCT_INFO_SUBTYP_FAX
W_HCD_INSURER_D	CNTCT_INFO_SUBTYP_TELE_CD	CNTCT_INFO_SUBTYP_TELE
W_HCD_INSURER_D	CNTCT_INFO_SUBTYP_URL_CD	CNTCT_INFO_SUBTYP_URL
W_HCD_INSURER_D	PRTY_ADDR_TYP_BUS_CD	PRTY_ADDR_TYP_BUS
W_HCD_OBSERVATION_D	TYPE_CD	OBSV_CD
W_HCD_OBSERVATION_VALUE_D	TYPE_CD	OBSV_VAL_CD

1.6.1.1 Configuration Enhancement of ETL Parameters

ETL selection parameter configuration enhanced to configure only code value (code system and code system version are not required). Application Toolkit ETLs enhanced to consider only code value from configuration table (HCD_ETL_ENTY_SELCTN_ PARAM_G).

1.6.1.2 Application Toolkit Load Plan

ODI load plan is provided to execute Application Toolkit ETLs as per recommended load sequence.

1.6.1.3 Mapping Updates

Internal Organization Dimension ETL

ETL for W_HCD_INT_ORG_D is updated to change driving entity to HDM_BIZ_UNT instead of HDM_ORG_PRTY.

Patient, Employee and Individual Service Provider Dimension ETLs

Mapping enhanced for Full Name attribute of W_HCD_PATIENT_D, W_HCD_ EMPLOYEE_D, and W_HCD_IND_SVC_PROV_D based on conditional mapping, as follows:

If HDM_PRTY.PRTY_NM is NOT NULL, then populate Party Name attribute value of HDMParty entity to Full Name attribute.

Else

Populate Full Name attribute by concatenating First Name & ' ' & Middle Name & ' ' & Last Name & ' ' & Name Suffix attributes from Individual Party.

Hierarchy Table ETLs

Hierarchy tables ETLs are enhanced to change data loading strategy from bottom-up to top-down approach.

1.7 Self-Service Analytics

A new Healthcare Common Data Mart RPD is delivered for Oracle Business Intelligence. There are 11 new subject areas added that can be used to create reports and dashboards.

The following are the new subject areas:

Clinical

- Patient
- Observation

Finance

- Patient Account
- Patient Account Health Plan
- Encounter Charge
- Bill
- Bill Line
- Claim

- Claim Line
- Claim Payment
- Claim Payment Line

2

User Documentation

The chapter provides a list of Oracle Healthcare Foundation user documentation, description, and the audience.

Table 2–1   User Documentation

Document Name	Description	Audience
Oracle Healthcare Foundation Administrator's Guide	Provides information about implementation, configuration, and administration of Oracle Healthcare Foundation. It also provides details on system monitoring and performance optimization.	Users who are responsible for administration of Oracle Healthcare Foundation. They include Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, and Business Intelligence developers.
Oracle Healthcare Foundation Application Programming Interface Guide	Contains information on Application Programming Interfaces (APIs) that can be used to interface with Oracle Healthcare Foundation.	Users who load Omics data.
Oracle Healthcare Foundation Application Toolkit Installation Guide	Explains the installation of Oracle Healthcare Foundation Application Toolkit.	Users who want to install Oracle Healthcare Foundation Application Toolkit.
Oracle Healthcare Foundation Appendix	Contains default load sequence, sample master data, and unique dependency list for HDM tables.	Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, Business Analysts, Product Managers, Business Intelligence developers, Bioinformaticians, Computational Biologists, Clinicians, Scientists, Developers, and administrators.
Oracle Healthcare Foundation Configuration Guide	Contains configuration details of Oracle Healthcare Foundation.	Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, and Business Intelligence developers.
Oracle Healthcare Foundation Data Dictionary	Provides information about the attributes of each Entity and the relationship between these Entities.	Business Analysts, Clinical Analysts, Implementation Analysts, Developers, or anyone that wants a basic understanding about the Healthcare Data Warehouse model.
Oracle Healthcare Foundation Electronic Technical Reference Manual	Contains data models technical references.	Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, Business Analysts, Product Managers, Business Intelligence developers, Bioinformaticians, Computational Biologists, Clinicians, Scientists, Developers, and administrators.
Oracle Healthcare Foundation Installation Guide	Explains the installation and initial setup of Oracle Healthcare Foundation.	Users who want to install Oracle Healthcare Foundation.

Table 2–1   (Cont.) User Documentation

Document Name	Description	Audience
Oracle Healthcare Foundation Mapping Metadata	Contains end-to-end mappings.	Users of Oracle Healthcare Foundation who are responsible for loading data from source systems to Oracle Healthcare Foundation and developing self-service business intelligence applications. They include Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, Business Analysts, Product Managers, Business Intelligence developers, Bioinformaticians, Computational Biologists, Clinicians, Scientists, Developers, and administrators.
Oracle Healthcare Foundation New Features Guide	Explains new features and enhancements in Oracle Healthcare Foundation.	Users who want to learn more about new features and enhancements in this release.
Oracle Healthcare Foundation Programmer's Guide	Describes architecture, features, and components of Oracle Healthcare Foundation.	Users of Oracle Healthcare Foundation who are responsible for loading data from source systems to Oracle Healthcare Foundation and developing self-service business intelligence applications. They include Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, Business Analysts, Product Managers, Business Intelligence developers, Bioinformaticians, Computational Biologists, Clinicians, Scientists, Developers, and administrators.
Oracle Healthcare Foundation Quick Reference Guide	Provides the configuration details and the process for data loading.	Users who are responsible for administration of Oracle Healthcare Foundation. They include Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, and Business Intelligence developers.
Oracle Healthcare Foundation Release Notes	Provides a complete, up-to-date description of Oracle Healthcare Foundation.	Users who want to learn more about new features and enhancements in this release.
Oracle Healthcare Foundation Security Guide	Describes various security guidelines for the Oracle Healthcare Foundation installation.	They include Data Warehouse Administrators, ETL Developers and Administrators, System Administrator, and Business Intelligence developers.
Oracle Healthcare Foundation Third Party Licenses and Notices	Contains third party licenses information distributed with Oracle Healthcare Foundation.	Users who want to install Oracle Healthcare Foundation.