

Data Dictionary

Report Description: The Data Dictionary report is a comprehensive compendium that contains detailed information on all data elements contained in the HRSA Data Warehouse (HGW). The HDW contains a variety of data in many tables. Each entry in the report contains the following information about a single element: business name, definition, formula, data restrictions, business rules, organization, update frequency, physical name, data type, domain, synonyms, and date of last update. The elements are sorted on business name.

Snapshot Date

Definition:	This attribute represents the date on which the data was processed by the HRSA Data Warehouse.
Valid Values:	Expected values are date time where the time is the midnight or the zero hour. For example, 2013-10-15 00:00:00.000. Cannot be NULL.
HDW Transformation:	(1) System date on which the data set was refreshed. (2) This attribute is a common element which may be used in multiple data marts. At the time of a data mart refresh, this attribute is entered as a snapshot of the current state of the data and is not refreshed until the data mart is refreshed. Each data mart refresh is a snapshot in time.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	DW_RECORD_CREATE_DT
HDW Data Type:	smalldatetime
User Friendly Names:	Data Warehouse Record Create Date; SNAP; Snapshot; Snapshot Date
Report Availability:	Display Column
Update Date (Metadata):	05/27/2016

Data Dictionary

Attribute ID

Definition:	This attribute represents the HRSA Data Warehouse (HDW) system generated, one-up, integer number which is the surrogate key to uniquely identify an attribute (i.e., data column in a database table).
Valid Values:	Expected values are positive integers. For example, 1; 3; 285; or 10189. Cannot be NULL.
HDW Transformation:	One-up counter.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attr_id
HDW Data Type:	int
User Friendly Names:	Attribute Surrogate Key; Attribute ID; DE_DataElementID
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Physical Name

Definition:	This attribute represents the metadata database representing the HRSA Data Warehouse physical name of a HRSA Data Warehouse attribute (i.e., column in a database table or view).
Valid Values:	---
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrlabl
HDW Data Type:	varchar(255)
User Friendly Names:	ufn_list; Attribute Physical Name; DE_Identifier; Physical Name
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Business Name

Definition:	This attribute represents the user understandable name in common language. The user friendly names are expressed in English language for the business/public user or represent the labels used in reports of forms.
Valid Values:	Expected values are alphanumeric, title formatted, text strings. For example, Female Age 18-20; Layer Name; Uniform Data System Grant Program Code; or Zone Improvement Plan (ZIP) Code. Cannot be NULL. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrufn
HDW Data Type:	varchar(255)
User Friendly Names:	Element Name; Attribute User Friendly Name; Business Name; UFN
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Definition

Definition:	This attribute represents the basic definition (and usage) of the attribute.
Valid Values:	Expected values are free-form descriptive alphanumeric text strings (the standard text begins with: This attribute represents the). For example, This attribute represents the amount of financial assistance at the specified summary level. Cannot be NULL
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrdef
HDW Data Type:	text
User Friendly Names:	Definition
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Formula

Definition:	This attribute represents the specific processes or business rules instituted by the HRSA Data Warehouse to ensure the quality and accuracy of the data.
Valid Values:	Expected values are free-form descriptive alphanumeric text strings (can include dashes, parenthesis, or other punctuation and cannot include carriage returns). For example, None or (1) The length of ZIP Code cannot be zero. (2) Changed, as necessary, as part of the HRSA Data Warehouse address standardization process. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrformula
HDW Data Type:	text
User Friendly Names:	Formula
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Update Frequency

Definition:	This attribute represents the description of the frequency at which this attribute is updated (for shared elements this attribute will be set to As Required).
Valid Values:	Expected values are alphanumeric, title formatted, text strings. The valid values are: Annually; As Required; Bi-annual; Daily; Deprecated; Every 10 Years; Every 4 Years; Monthly; On Demand; Quarterly; and Semi-annually. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrmfrq
HDW Data Type:	varchar(255)
User Friendly Names:	Update Frequency
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Data Type

Definition:	This attribute represents the description of the classification identifying to which of the various types of data the attribute is associated.
Valid Values:	Expected values are alphanumeric text strings. The valid values are: bigint; bit; char; date; datetime; decimal; float; geography; int; money; nchar; numeric; nvarchar; real; smalldatetime; text; tinyint; and varchar. Cannot be NULL.
HDW Transformation:	(1) The data type Microsoft SQL Server database data types. (2) This attribute computed for the report and is similar to HDW Data Type except it does not include the number of characters or numeric precision.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	On Demand
Column Name:	attrdatatyp
HDW Data Type:	varchar(25)
User Friendly Names:	Data Type Designation; Data Dictionary Data Type; Data Type; HDW Data Type
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Applicability

Definition:	This attribute represents the description of the level of access granted for this attribute.
Valid Values:	Expected values are alphabetic, title formatted, text strings. The valid values are: Private; Public; and Restricted. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrrest
HDW Data Type:	text
User Friendly Names:	Applicability
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Organization

Definition:	This attribute represents the name of the source data owner.
Valid Values:	Expected values are title case, alphanumeric character text strings used as a name. For example, Centers for Medicare & Medicaid Services (CMS); HRSA Data Warehouse; HRSA, Bureau of Health Workforce (BHW), Division of Policy and Shortage Designation (DPSD); National Center for Health Statistics (NCHS); or U.S. Department of Health and Human Services (HHS). Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrdefs
HDW Data Type:	varchar(255)
User Friendly Names:	Organization
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Business Rules

Definition:	This attribute represents the specific business rules from the source organization (owners of the source data) intended to ensure the quality and accuracy of the data.
Valid Values:	Expected values are free-form descriptive alphanumeric text strings (can include dashes, parenthesis, or other punctuation). For example, None; Must be a valid date earlier than the current processing date; Must be a valid date that is greater than the PMS Document Start Date; or Must be a valid USPS state abbreviation. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrburules
HDW Data Type:	text
User Friendly Names:	Business Rules
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Synonyms

Definition:	This attribute represents the user understandable name in common language. The user friendly names are expressed in English language for the business/public user or represent the labels used in reports of forms.
Valid Values:	Expected values are alphanumeric, title formatted, text strings. For example, Female Age 18-20; Layer Name; Uniform Data System Grant Program Code; or Zone Improvement Plan (ZIP) Code. Cannot be NULL. Cannot be NULL.
HDW Transformation:	None.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrsynonyms
HDW Data Type:	varchar(8000)
User Friendly Names:	Synonyms; Business Name; Data Dictionary User Friendly Name; Element Name; UFN
Report Availability:	Display Column
Update Date (Metadata):	07/13/2015

Data Dictionary

Metadata Update Date

Definition:	This attribute represents the date and time on which the metadata record was processed by the HRSA Data Warehouse.
Valid Values:	Expected values are date time. For example, 2015-05-15 21:21:57.303. Cannot be NULL.
HDW Transformation:	(1) System date and time on which the data was refreshed. (2) Trigger on the metadata table updates this value with the date and time on which a user made an insert or update to the record.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	As Required
Column Name:	attrmetadatadt
HDW Data Type:	varchar(12)
User Friendly Names:	Metadata Update Date Text; Data Dictionary Last Updated on Date and Time; Metadata Update Date; Update Date (Metadata)
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Data Type Designation

Definition:	This attribute represents the description of the classification identifying to which of the various types of data the attribute is associated. The data type can include the numeric precision or character length as appropriate.
Valid Values:	Expected values are alphanumeric text strings (data types char, nchar, nvarchar, and varchar will include the number of characters (e.g., char(10)) and decimal and numeric will include the number of digits and precision (e.g., numeric(8,2)). The valid values are: bigint; bit; char; date; datetime; decimal; float; geography; int; money; nchar; numeric; nvarchar; real; smalldatetime; text; tinyint; and varchar. Cannot be NULL.
HDW Transformation:	(1) The data type Microsoft SQL Server database data types. (2) The data types char, nchar, nvarchar, and varchar will include, in parenthesis, the number of characters (e.g., char(10)). (3) The data types decimal and numeric will include, in parenthesis, the number of digits and precision (e.g., numeric(8,2)). (4) This attribute computed for the report and is similar to HDW Data Type.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	On Demand
Column Name:	attrfulldatatyp
HDW Data Type:	nvarchar(128)
User Friendly Names:	Fully Qualified Data Type; Data Dictionary Data Type; Data Type Designation; HDW Data Type
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

Metadata Update FY and Quarter

Definition:	This attribute represents the fiscal year in which the metadata record was processed by the HRSA Data Warehouse.
Valid Values:	Expected values are date time. For example, 2015-05-15 21:21:57.303. Cannot be NULL.
HDW Transformation:	(1) System date and time on which the data was refreshed. (2) Trigger on the metadata table updates this value with the date and time on which a user made an insert or update to the record.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	On Demand
Column Name:	attrmetadataqtr
HDW Data Type:	varchar(8)
User Friendly Names:	Metadata Update FY and Quarter; Data Dictionary Metadata Update FY and Quarter
Report Availability:	Display Column, Filter
Update Date (Metadata):	07/13/2015

Data Dictionary

History Indicator

Definition:	This attribute represents the indicator value for identifying or distinguishing current records from historical records in the HRSA Data Warehouse.
Valid Values:	Expected values are single character text strings. The valid values are: Y and N. Cannot be NULL.
HDW Transformation:	The value is set as N for current data. Otherwise it is set as Y.
Data Restriction:	Public
Business Rule / Format:	None.
Organization:	HRSA Data Warehouse
Update Frequency:	Daily
Column Name:	HIST_IND
HDW Data Type:	varchar(1)
User Friendly Names:	History Indicator; History Status Indicator
Report Availability:	Display Column
Update Date (Metadata):	05/01/2016