



**Center for Communications  
Management Information**

# **TelView Plus Table Specifications**

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## Revision History

Revision	Date	Author	Comments/Changes
1	October 2002	Sean Leahy	Removed Bellcore table.
2	October 2002	Sean Leahy	Removed NECA table.
3	October 2002	Sean Leahy	Added CUSTOM_HISTORY table.
4	October 2002	Sean Leahy	Added OVERALL_DESC and STATE_SPECIFIC_DESC to OCN table.
5	October 2002	Sean Leahy	Changed the primary key of the RATE_PENDING table from RATE_ID + CREATE_DATE to just RATE_ID.
6	February 2006	Jeremy O'Connor	Removed OCN and COVERAGE_OCN tables.  Added STATE_SPECIFIC_OCN_CODES and OVERALL_OCN_CODES tables.  Added OVERALL_CD and STATE_SPECIFIC_CD columns to COVERAGE table
7	January 2010	Ed Sullivan	Documentation rewrite and text cleanup.

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## Introduction

TelView Plus Table Specifications describes the database – tables, field definitions and relationships that comprise the data contents of TelView Plus.

## Purpose

TelView Plus Table Specifications are intended for use by System Administrators or Database Administrators who need to generate reports using data in the TelView Plus tables. This document does not include application tables, such as user or audit tables.

## Using the Specifications

Each section in the following chapter describes a table. A section includes a description, a list of key fields and a field listing. Within the field listing, the following symbols or abbreviations appear:

Idx	Y – Field is indexed N – Field is not indexed
Type	N – Numeric C – Character or alphanumeric D – Date I – Integer

## **Related Documents**

The following documents contain additional technical information about TelView Plus.

- TelView Plus Technical Product Specifications
- TelView Plus Installation and Upload
- TelView Plus User's Guide

## TelView Plus Current Tables

The following sections describe CCMI's tables for maintaining rate information. The ERD for these tables appears on page 44.

### CARRIER\_SERVICE

#### Description

The CARRIER\_SERVICE table maintains the valid combinations of carrier, access type, jurisdiction, service and rate group. This table also identifies the default rating units for a carrier-service combination.

#### Key

The following fields comprise the table's primary key (in order of significance):

- CARRIER\_ID
- SERVICE\_CATEGORY
- JURISDICTION\_IND
- SERVICE\_TYPE
- RATE\_GROUP

#### Relationship

The CARRIER\_SERVICE table is related to the RATE\_CURRENT table through the CARRIER\_ID, SERVICE\_CATEGORY, JURISDICTION\_IND, SERVICE\_TYPE and RATE\_GROUP fields.

**Fields**

The following table lists the fields appearing in the CARRIER\_SERVICE table.

Name	Description	Idx	Type	Length	Valid Values
CARRIER_ID	ID of carrier in TelView Plus	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
SERVICE_CATEGORY	ID of Access Type	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "ACCESS"
JURISDICTION_IND	ID of jurisdiction	Y	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "JURISDICTION"
SERVICE_TYPE	Service	Y	C	40	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "SERVICE"
RATE_GROUP	Rate group for the corresponding service	Y	C	40	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "GROUP"
FRR_RATING_UNIT	Default unit by which a call is rated for the current CARRIER_ID, SERVICE_CATEGORY, JURISDICTION_IND, SERVICE_TYPE and RATE_GROUP	N	C	10	
ARR_RATING_UNIT	Default unit by which a call is rated for the current CARRIER_ID, SERVICE_CATEGORY, JURISDICTION_IND, SERVICE_TYPE and RATE_GROUP	N	C	10	
NRC_RATING_UNIT	Default unit by which a call is rated for the current CARRIER_ID, SERVICE_CATEGORY, JURISDICTION_IND, SERVICE_TYPE and RATE_GROUP	N	C	10	

ANRC_RATING_UNIT	Default unit by which a call is rated for the current CARRIER_ID, SERVICE_CATEGORY, JURISDICTION_IND, SERVICE_TYPE and RATE_GROUP	N	C	10	
CREATE_DT	Date record was created	N	D		

## **CARRIER\_TARIFF**

### **Description**

The CARRIER\_TARIFF table lists all tariffs belonging to individual carriers.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- TARIFF\_ID
- CARRIER\_ID

### **Relationship**

The CARRIER\_TARIFF table is related to the RATE\_CURRENT table through the CARRIER\_ID and TARIFF\_ID fields.

## Fields

The following table lists the fields appearing in the CARRIER\_TARIFF table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
CARRIER_ID	ID of carrier in TelView Plus	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
TARIFF_ID	ID of tariff within TelView Plus	Y	C	2	
TARIFF_NAME	Name of tariff in which rate appears	Y	C	35	
CREATE_DT	Date record was created	N	D		

## CARRIER\_TOD

### Description

The CARRIER\_TOD represents the relationships between carriers, tariffs and time-of-day groups.

### Key

The following fields comprise the table's primary key (in order of significance):

- TOD\_ID

### Relationship

The following table lists the relationships between CARRIER\_TOD and other tables.

Table	Linking Field
CARRIER_TARIFF	CARRIER_ID and TARIFF_ID
TIME_OF_DAY	TOD_GROUP_ID
HOLIDAY	HOLIDAY_TAB_ID

**Fields**

The following table lists the fields appearing in the CARRIER\_TOD table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
TOD_ID	ID for a time-of-day record	Y	N	38	
CARRIER_ID	ID of carrier in which the time-of-day appears	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
TARIFF_ID	ID of tariff in which the time-of-day appears	Y	C	2	Any value appearing in the TARIFF_ID column of the CARRIER_TARIFF table.
TOD_GROUP_ID	ID for a group of time-of-day records	Y	N	38	Any value appearing in the TOD_GROUP_ID column of the TIME_OF_DAY table.
HOLIDAY_TAB_ID	ID for a group of holiday records	Y	N	2	Any value appearing in the HOLIDAY_TAB_ID column of the HOLIDAY table
CREATE_DT	Date record was created	N	D		

## **COMMENTS**

### **Description**

The COMMENTS table stores comments that are associated with a rate.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- COMMENT\_ID

### **Relationship**

The COMMENTS table is related to the RATE\_CURRENT table through the COMMENT\_ID field.

## Fields

The following table lists the fields appearing in the COMMENTS table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
COMMENT_ID	ID of each comment	Y	N	38	
COMMENT_TEXT	Text of a comment	N	C	1000	
CREATE_DT	Date record was created	N	D		
UPDATE_DT	Date record was last updated	N	D		

## **COVERAGE**

### **Description**

The COVERAGE table defines the coverage for a rate. Coverage is defined as one or more state-LATA combinations.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- COVERAGE\_ID

### **Relationship**

The COVERAGE table is related to the RATE\_CURRENT table through the COVERAGE\_ID field.

**Fields**

The following table lists the fields appearing in the COVERAGE table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
COVERAGE_ID	The coverage of the STATE_SPECIFIC_CD for a carrier and jurisdiction	N	N	38	Any value appearing in the COVERAGE_ID column of the COVERAGE table.
LATA	LATA within a state in which a rate applies	N	C	3	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "LATA".
STATE	Two-letter abbreviation of the state in which a carrier's rate applies	N	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "STATE".
XCOORD_ID	Computed by TelView Plus to indicate a unique group of state and LATA combinations	Y	N	38	
YCOORD_ID	Computed by TelView Plus to indicate a unique group of state and LATA combinations	Y	N	38	
OVERALL_CD	Carrier's overall code for the full carrier-coverage-jurisdiction combination	N	C	4	
STATE_SPECIFIC_CD	Carrier's state specific code for the full carrier-coverage-jurisdiction combination	N	C	4	
CREATE_DT	Date record was created	N	D		

## **DISCOUNT**

### **Description**

Each row in this table characterizes a discount that can be applied to a rate.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- DISCOUNT\_ID
- DISCOUNT\_AMT
- DISCOUNT\_UNIT\_CD
- DISCOUNT\_BAND
- BAND\_BEGIN
- BAND\_END

### **Relationship**

The DISCOUNT table is related to the RATE\_CURRENT table through the DISCOUNT\_ID field.

**Fields**

The following table lists the fields appearing in the DISCOUNT table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
DISCOUNT_ID	ID of the discount record	N	N	38	
DISCOUNT_AMT	Amount of the discount	N	N	16, 9	
DISCOUNT_UNIT_CD	Code indicating the unit of measure for applying the discount	N	C	8	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "DISCOUNT UNIT"
DISCOUNT_BAND	Type of threshold for determining eligibility for discounts, such as monthly usage	N	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "DISCOUNT BAND"
BAND_BEGIN	Beginning threshold for applying the discount	N	N	38	
BAND_END	Ending threshold for applying the discount	N	N	38	
CREATE_DT	Date record was created	N	D		
UPDATE_DT	Date record was last updated	N	D		

## **DISTANCE**

### **Description**

Each row in this table characterizes a distance band using begin and end points.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- DISTANCE\_ID

### **Relationship**

The DISTANCE table is related to the RATE\_CURRENT table through the DISTANCE\_ID field.

## Fields

The following table lists the fields appearing in the DISTANCE table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
DISTANCE_ID	ID of the distance band	Y	N	4	
DISTANCE_UNIT_CD	Code indicating the unit of measure for the distance band	N	C	8	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "DISTANCE UNIT"
DIST_BEGIN	Beginning point of distance band	N	I	38	
DIST_END	Ending point of distance band	N	I	38	
CREATE_DT	Date record was created	N	D		
UPDATE_DT	Date record was last updated	N	D		

## **HOLIDAY**

### **Description**

This table represents groups of holidays. Descriptions of holiday groups are taken from the VV\_NAME column of the VVREF table where VV\_OBJ\_NAME equals "HOLIDAY TABLE".

### **Key**

The following fields comprise the table's primary key (in order of significance):

- HOLIDAY\_TAB\_ID
- HOLIDAY\_NAME

### **Relationship**

The HOLIDAY table is related to the CARRIER\_TOD table through the HOLIDAY\_TAB\_ID field.

## Fields

The following table lists the fields appearing in the HOLIDAY table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
HOLIDAY_TAB_ID	ID of holiday grouping	Y	N	38	
HOLIDAY_NAME	Description of holiday	N	C	25	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "HOLIDAY"

## **Overall\_OCN\_CODES**

### **Description**

The Overall\_OCN\_CODES table identifies a Carrier entity's Overall OCN Code as assigned by NECA. This table was added to normalize the schema by removing the repeated references to the Carrier's Overall OCN Code in today's OCN table. The Coverage is defined as a State/LATA/State Specific OCN combination. The Overall OCN Code ONLY pertains to the Carrier, and neither the State, LATA nor State Specific OCN code is a defining property of the Overall OCN Code.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- CARRIER\_ID
- OVERALL\_CD

### **Relationship**

The Overall\_OCN\_Codes table is related to the COVERAGE table through the OVERALL\_CD field.

## Fields

The following table lists the fields appearing in the Overall\_OCN\_CODES table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
CARRIER_ID	Carrier's ID in TelView Plus	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
OVERALL_CD	Carrier's overall code for the full carrier-coverage-jurisdiction combination	N	C	4	
OVERALL_DESC	Description of the Overall code	N	C	500	

## **RATE\_CURRENT**

### **Description**

The RATE\_CURRENT table is the heart of TelView Plus, and stores most of the current information about each rate.

### **Key**

The following fields comprise the table's primary key (in order of significance):

#### Primary key:

- RATE\_ID

#### Unique key:

- CARRIER\_ID
- SERVICE\_CATEGORY
- JURISDICTION\_IND
- SERVICE\_TYPE
- RATE\_GROUP
- LENGTH\_OF\_TERM
- RATE\_ZONE\_IND
- COVERAGE\_ID
- TOD\_ID
- TOD\_CLASS
- DISCOUNT\_ID
- DISTANCE\_ID
- FRR\_RATING\_UNIT
- ARR\_RATING\_UNIT
- NRC\_RATING\_UNIT
- ANRC\_RATING\_UNIT

## Relationships

The following table lists the relationships between RATE\_CURRENT and other tables.

<b>Table</b>	<b>Linking Field</b>
CARRIER_SERVICE	CARRIER_ID, SERVICE_CATEGORY, JURISDICTION_IND, SERVICE_TYPE, RATE_GROUP
CARRIER_TARIFF	CARRIER_ID, TARIFF_ID
COMMENTS	COMMENT_ID
COVERAGE	COVERAGE_ID
COVERAGE_OCN	COVERAGE_ID, CARRIER, JURISDICTION_IND
DISCOUNT	DISCOUNT_ID
DISTANCE	DISTANCE_ID
RATE_HISTORY	RATE_ID
RATE_PENDING	RATE_ID
OCN	CARRIER_ID
CARRIER_TOD	TOD_ID
TIME_OF_DAY	TOD_CLASS

## Fields

The following table lists the fields appearing in the RATE\_CURRENT table.

Name	Description	Idx	Type	Length	Valid Values
RATE_ID	ID of the rate	Y	N	6	
RATE_STATUS	Status of a rate. See Appendix 2 of the TelView Plus User's Guide for a detailed description of each status code.	N	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "RATE STATUS".
CARRIER_ID	ID of the carrier offering the rate	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
TARIFF_ID	ID of the tariff in which the rate appears	N	C	2	Any value appearing in the TARIFF_ID column of the CARRIER_TARIFF table.
SERVICE_CATEGORY	ID of the service category under which the rate is offered.	N	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "SERVICE CATEGORY".
JURISDICTION_IND	Identifies the tariff jurisdiction, such as Interstate-InterLATA	Y	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "JURISDICTION".
SERVICE_TYPE	Full name of the principal group of rates, such as Entrance Facility, within the rate's access type	Y	C	40	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "SERVICE".
RATE_GROUP	Full name of the type of rate record, such as DS1, within the rate's service type	Y	C	40	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "GROUP".
LENGTH_OF_TERM	ID for the length of the contract	Y	N	3	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "TERMS".
RATE_ZONE_IND	Prizing zone, density cell or access area for a rate element	Y	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "ZONE".
COVERAGE_ID	ID of the coverage table associated with the rate	Y	N	4	Any value appearing in the COVERAGE column of the COVERAGE_ID table.

TOD_ID	Time-of-day information associated with the rate	Y	N	38	Any value appearing in the TIME_OF_DAY column of the CARRIER_TOD table.
TOD_CLASS	The class value for a time-of-day associated with a rate	N	N	4	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "TOD_CLASS".
DISCOUNT_ID	ID of the discount associated with the rate	Y	N	4	Any value appearing in the DISCOUNT_ID column of the DISCOUNT table.
DISTANCE_ID	ID of the distance band associated with the rate	Y	N	4	Any value appearing in the DISTANCE_ID column of the DISTANCE table.
COMMENT_ID	Identifier of the comment associated with the rate	N	N	4	
DESTINATION_IND	Indicates the point for rating a call, such as originating or terminating	N	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "DESTINATION".
EQUAL_ACCESS_IND	Indicates the type of access available for the rate, such as premium or non-premium	N	C	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "EQUAL ACCESS".
OTH_BILLING_CDS	Other billing codes used by LECs, such as General Service & Equipment Code (GSEC) by Verizon West, Service & Equipment Codes (S&E) by Citizens Communications, Field Identifiers (FIDs), as well as Network Channel Interface (NCI).	N	C	20	
ALLOWANCE_TYPE	The type of service that is included with local rates.	N	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "ALLOWANCE TYPE".
ALLOWANCE_VALUE	The quantity of ALLOWANCE_TYPE that is included with local rates	N	N	10	
WHOLESALE_DISCOUNT	Discount percentage for wholesale customers. The discount is taken from the values in the FRR_RATE, ARR_RATE, NRC_RATE and ANRC_RATE fields	N	N	10	

DESCRIPTION	Description of the rate	N	C	60	
FRR_RATE	Unit price for the first recurring rate	N	N	16,9	
FRR_RATING_UNIT	Unit of measure for a call's first recurring, such as Per Minute	Y	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "RATING UNIT".
FRR_USOC	Universal service order code associated with the call's first recurring rate	Y	C	5	
FRR_EFFECTIVE_DT	Most recent date when the FRR_RATE became effective	N	D		
FRR_END_DT	Date until which the rate was effective. Value is populated in the RATE_HISTORY table.	N	D		
FRR_TARIFF_REF	Identifies the location of the FRR in the tariff	N	C	44	
ARR_RATE	Unit price for the call's additional recurring rate	N	N	16,9	
ARR_RATING_UNIT	Unit of measure for a call's additional recurring rates (after the FRR), such as Per Minute	N	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "RATING UNIT".
ARR_USOC	Universal service order code associated with the call's additional recurring rate	N	C	5	
ARR_EFFECTIVE_DT	Most recent date when the ARR_RATE became effective	N	D		
ARR_END_DT	Date until which the rate was effective. Value is populated in the RATE_HISTORY table.	N	D		
ARR_TARIFF_REF	Identifies the location of the ARR in the tariff	N	C	44	
NRC_RATE	Unit price for first nonrecurring rate	N	N	16,9	
NRC_RATING_UNIT	Unit of measure for a call's first nonrecurring rate, such as Per	N	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals

	Minute				“RATING UNIT”.
NRC_USOC	Universal service order code associated with the call’s first nonrecurring rate	N	C	5	
NRC_EFFECTIVE_DT	Most recent date when the NRC_RATE became effective	N	D		
NRC_END_DT	Date until which the rate was effective. Value is populated in the RATE_HISTORY table.	N	D		
NRC_TARIFF_REF	Identifies the location of the NRC in the tariff	N	C	44	
ANRC_RATE	Unit price for the call’s additional nonrecurring rate	N	N	16,9	
ANRC_RATING_UNIT	Unit of measure for a call’s additional nonrecurring rates (after the NRC), such as Per Minute	N	C	10	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals “RATING UNIT”.
ANRC_USOC	Universal service order code associated with the call’s additional nonrecurring rate	N	C	5	
ANRC_EFFECTIVE_DT	Most recent date when the NRC_RATE became effective	N	D		
ANRC_END_DT	Date until which the rate was effective. Value is populated in the RATE_HISTORY table.	N	D		
ANRC_TARIFF_REF	Identifies the location of the NRC in the tariff	N	C	44	
PUBLISH_DT	Date when the record was extracted for publication	N	D		
CREATE_DT	Date when the record was created	Y	D		
UPDATE_DT	Date when the record was last updated	Y	D		
USERNAME	Name of the user who last created or modified the record	N	C	40	

## **RATE\_HISTORY**

### **Description**

The RATE\_HISTORY table contains information for rates that are no longer effective. The fields for this table are the same as for the RATE\_CURRENT table.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- RATE\_ID
- CREATE\_DT

### **Relationship**

The RATE\_HISTORY table is related to the RATE\_CURRENT table through the RATE\_ID field.

## **RATE\_PENDING**

### **Description**

The RATE\_PENDING table contains information for rates that will be effective in the future. The fields for this table are the same as for the RATE\_CURRENT table.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- RATE\_ID

### **Relationship**

The RATE\_PENDING table is related to the RATE\_CURRENT table through the RATE\_ID field.

## **TIME\_OF\_DAY**

### **Description**

Each row in this table characterizes a period of time, such as the begin and end times and holiday indicator.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- TOD\_GROUP\_ID
- TOD\_CD
- TOD\_BEGIN
- TOD\_END
- TOD\_CLASS

### **Relationship**

The TIME\_OF\_DAY table is related to the CARRIER\_TOD table through the TOD\_GROUP\_CD field.

## Fields

The following table lists the fields appearing in the TIME\_OF\_DAY table.

Name	Description	Idx	Type	Length	Valid Values
TOD_GROUP_ID	ID for a group of time-of-day records	Y	N	38	
TOD_CD	Code indicating the time-of-day	Y	C	16	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "DAY CODE".
TOD_BEGIN	Hour and minute, in hhmm format, when the time-of-day begins	Y	C	4	
TOD_END	Hour and minute, in hhmm format, when the time-of-day ends	Y	C	4	
TOD_CLASS	Identifies the class value for time-of-day	Y	N	1	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "TOD_CLASS".
CREATE_DT	Date the record was created	N	D		

## **State\_Specific\_OCN\_Codes**

### **Description**

The State\_Specific\_OCN\_Codes table supports lookup of State\_Specific\_Desc (Description) values associated with a State\_Specific\_Cd. The State\_Specific\_Cd field is a foreign key in the COVERAGE table that relates back to the State\_Specific\_OCN\_Codes table. The OVERALL\_CD is a foreign key in the State\_Specific\_OCN\_Codes table that references the Overall\_OCN\_Codes table and relates a State Specific Code to its associated Overall Code.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- CARRIER\_ID
- STATE\_SPECIFIC\_CD
- OVERALL\_CD

### **Relationship**

The State\_Specific\_OCN\_Codes table is related to the COVERAGE table through the OVERALL\_CD field and the STATE\_SPECIFIC\_CD field.

**Fields**

The following table lists the fields appearing in the State\_Specific\_OCN\_CODES table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
CARRIER_ID	The Carrier's ID in TelView Plus	Y	C	2	Taken from VV_NAME column of the VVREF table where VV_OBJ_NAME equals "CARRIER".
STATE_SPECIFIC_CD	Code for the carrier's association with one or more states within an overall code	N	C	4	
OVERALL_CD	Carrier's overall code for the full carrier-coverage-jurisdiction combination	N	C	4	
STATE_SPECIFIC_DESC	Description of the state specific code	N	C	400	

## **UPLOAD**

### **Description**

This table records updates to CCMI's database installed at the customer's location.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- PUBLISH\_VOL

## Fields

The following table lists the fields appearing in the UPLOAD table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
PUBLISH_VOL	ID of the volume used in the update	Y	N	38	
PREV_PUBLISH_VOL	ID of the volumes use in the previous update	N	N	38	
PUBLISH_DT	Date the volume was published	N	D		
UPLOAD_START_TM	Starting time of the upload	N	D		
UPLOAD_END_TM	Ending time of the upload	N	D		

## VVREF

### Description

The VVREF table contains the valid values for data elements used in the database. The name of the data element appears in the VV\_OBJ\_NAME column, and the valid value appears in the VV\_NAME column. The following example illustrates how VVREF stores valid values for state abbreviations.

VV_OBJ_NAME	VV_NAME	VV_DESC
STATE	MD	Maryland
STATE	VA	Virginia
STATE	DC	District of Columbia

### Key

The following fields comprise the table's primary key (in order of significance):

- VV\_OBJ\_NAME
- VV\_NAME

## Fields

The following table lists the fields appearing in the VVREF table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
VV_OBJ_NAME	Name of a data element for which there are defined valid values	Y	C	18	Taken from the VV_NAME column of the VVREF table where VV_OBJ_NAME equals "VVREF".
VV_NAME	Permitted values for each VV_OBJ_NAME	Y	C	40	
VV_DESC	Full description of VV_NAME	Y	C	200	
CREATE_DT	Date the record was created	N	D		
UPDATE_DT	Date the record was last updated	N	D		

## **XREF**

### **Description**

The XREF table maintains cross reference information between any two data elements.

### **Key**

The following fields comprise the table's primary key (in order of significance):

- XREF\_NAME
- VAR1
- VAR2

## Fields

The following table lists the fields appearing in the XREF table.

<b>Name</b>	<b>Description</b>	<b>Idx</b>	<b>Type</b>	<b>Length</b>	<b>Valid Values</b>
XREF_NAME	Reference category for valid two-part cross-reference pairs	Y	C	30	Taken from the VV_NAME column of the VVREF table where VV_OBJ_NAME equals "XREF".
VAL1	First value in a cross-referenced pair	Y	C	40	
VAL2	Second value in a cross-referenced pair	Y	C	40	
CREATE_DT	Date the record was created	N	D		
UPDATE_DT	Date the record was last updated	N	D		

## **TELVIEW PLUS CUSTOM TABLES**

CCMI's database contains several tables for maintaining custom rates – typically contract rates between two carriers or tariff rates for carriers that CCMI does not support. These tables are identical to the corresponding tables described in the previous chapter.

### **CUSTOM\_CARRIER\_SERVICE**

The CUSTOM\_CARRIER\_SERVICE table contains carrier-service information for custom rates. The keys and fields for this table are the same as for the CARRIER\_SERVICE table. See page 6 for details.

### **CUSTOM\_CARRIER\_TARIFF**

The CUSTOM\_CARRIER\_TARIFF table contains carrier-tariff information for custom rates. The keys and fields for this table are the same as for the CARRIER\_TARIFF table. See page 9 for details.

### **CUSTOM\_COMMENTS**

The CUSTOM\_COMMENTS table contains comments associated with custom rates. The keys and fields for this table are the same as for the COMMENTS table. See page 13 for details.

### **CUSTOM\_COVERAGE**

The CUSTOM\_COVERAGE table contains state/LATA values for use with the custom rates. The keys and fields for this table are the same as for the COVERAGE table with the exception of the OVERALL\_CD and STATE\_SPECIFIC\_CD. See page 15 for details.

### **CUSTOM\_DISCOUNT**

The CUSTOM\_DISCOUNT table contains discount information for use with custom rates. The keys and fields for this table are the same as for the DISCOUNT table. See page 17 for details.

### **CUSTOM\_DISTANCE**

The CUSTOM\_DISTANCE table contains distance information for use with custom rates. The keys and fields for this table are the same as for the DISTANCE table. See page 19 for details.

### **CUSTOM\_HISTORY**

The CUSTOM\_HISTORY table contains information for rates that are no longer effective. The fields for this table are the same as for the RATE\_HISTORY table. See page 31 for details.

## **CUSTOM\_VVREF**

The CUSTOM\_VVREF table contains valid values for use with custom rates. The keys and fields for this table are the same as for the VVREF table. See page 38 for details.

## **CUSTOM\_XREF**

The CUSTOM\_XREF table contains cross reference information for use with custom rates. The keys and fields for this table are the same as for the XREF table. See page 40 for details.

## **RATE\_CUSTOM**

The RATE\_CUSTOM table contains rate information for custom rates. The keys and fields for this table are the same as for the RATE\_CURRENT table. See page 25 for details.

## Entity Relationship Diagram

The following illustration is the ERD for CCMI's database. The lines between the tables indicate how the tables are related.

# TelView Plus Table Specifications Entity Relationship Diagram

