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# Genesys Info Mart Physical Data Model for a PostgreSQL Database

Table **CAMPAIGN\_GROUP\_STATE\_FACT**

# Table CAMPAIGN\_GROUP\_STATE\_FACT

## Description

**Modified:** 8.5.015.19 (PRODUCER\_BATCH\_ID added); 8.5.003 (in Oracle, fields with VARCHAR data types use explicit CHAR character-length semantics)

In partitioned databases, this table is partitioned.

Each row in this table represents the state of an outbound campaign group. The states that are recorded are Loaded, Started, and Unloading. The grain of the fact is an accumulating snapshot that represents the duration of the campaign group in the given state.

### Tip

To assist you in preparing supplementary documentation, click the following link to download a comma-separated text file containing information such as the data types and descriptions for all columns in this table: [Download a CSV file](#).

**Hint:** For easiest viewing, open the downloaded CSV file in Excel and adjust settings for column widths, text wrapping, and so on as desired. Depending on your browser and other system settings, you might need to save the file to your desktop first.

## Column List

### Legend

Column	Data Type	P	M	F	DV
CAMP_GROUP_STATE_FACT_KEY	numeric(19)	X	X		
TENANT_KEY	integer		X	X	
CAMPAIGN_KEY	integer		X	X	
GROUP_KEY	integer		X	X	

Table CAMPAIGN\_GROUP\_STATE\_FACT

Column	Data Type	P	M	F	DV
CAMPAIGN_GROUP_STATE_KEY	integer		X	X	
CAMP_GROUP_SESSION_FACT_SDT_KEY	integer			X	
CAMP_GROUP_SESSION_FACT_KEY	numeric(19)			X	
START_DATE_TIME_KEY	integer		X	X	
END_DATE_TIME_KEY	integer		X	X	
CREATE_AUDIT_KEY	numeric(19)		X	X	
UPDATE_AUDIT_KEY	numeric(19)		X	X	
START_TS	integer				
END_TS	integer				
TOTAL_DURATION	integer				
CAMPAIGN_GROUP_SESSION_ID	varchar(64)				
ACTIVE_FLAG	numeric(1)				
PURGE_FLAG	numeric(1)				
PRODUCER_BATCH_ID	numeric(19)				

## CAMP\_GROUP\_STATE\_FACT\_KEY

The primary key of this table.

## TENANT\_KEY

The surrogate key that is used to join the TENANT dimension to the fact tables.

## CAMPAIGN\_KEY

The surrogate key that is used to join the CAMPAIGN dimension to the fact tables.

## GROUP\_KEY

The surrogate key that is used to join the GROUP\_ dimension to the fact tables.

## CAMPAIGN\_GROUP\_STATE\_KEY

The surrogate key that is used to join the CAMPAIGN\_GROUP\_STATE dimension to the fact tables.

## CAMP\_GROUP\_SESS\_FACT\_SDT\_KEY

The value of the START\_DATE\_TIME\_KEY field of the record in the CAMPAIGN\_GROUP\_SESSION\_FACT table. On a partitioned database, CAMP\_GROUP\_SESS\_FACT\_SDT\_KEY in combination with CAMP\_GROUP\_SESSION\_FACT\_KEY forms a value of the composite primary key for the CAMPAIGN\_GROUP\_SESSION\_FACT table.

## CAMP\_GROUP\_SESSION\_FACT\_KEY

The value of the primary key of the CAMPAIGN\_GROUP\_SESSION\_FACT table. This surrogate key is used to join this campaign group state fact to its campaign group session fact. In other words, this key places the campaign group state within the context of a campaign group session.

## START\_DATE\_TIME\_KEY

Identifies the start of a 15-minute interval in which this state for the campaign group began. Use this value as a key to join the fact tables to any configured DATE\_TIME dimension, in order to group the facts that are related to the same interval and/or convert the START\_TS timestamp to an appropriate time zone.

## END\_DATE\_TIME\_KEY

Identifies the start of a 15-minute interval in which this state for the campaign group ended. Use this value as a key to join the fact tables to any configured DATE\_TIME dimension, in order to group the facts that are related to the same interval and/or convert the END\_TS timestamp to an appropriate time zone.

## CREATE\_AUDIT\_KEY

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data creation. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify newly added data.

## UPDATE\_AUDIT\_KEY

The surrogate key that is used to join to the CTL\_AUDIT\_LOG control table. The key specifies the lineage for data update. This value can be useful for aggregation, enterprise application integration (EAI), and ETL tools — that is, applications that need to identify recently modified data.

## START\_TS

The UTC-equivalent value of the date and time at which the campaign group entered this state.

## END\_TS

The meaning depends on the value of ACTIVE\_FLAG. For an inactive row, this field represents the UTC-equivalent value of the date and time at which this state for the campaign group ended. For an active row, this value represents a UTC-equivalent value of the date and time far in the future, so that applications do not have to test for null.

## TOTAL\_DURATION

The meaning depends on the value of ACTIVE\_FLAG. For an inactive row, the total duration, in seconds, of the campaign group in started state. For an active row, the amount of time, in seconds, that the campaign group has been in started state, from the time that it entered started state to the time that the ETL last executed.

## CAMPAIGN\_GROUP\_SESSION\_ID

The ICON source SessID for the campaign group session with which this session fact is related.

## ACTIVE\_FLAG

Indicates whether the campaign group state is currently active: 0 = No, 1 = Yes.

## PURGE\_FLAG

This field is reserved.

## PRODUCER\_BATCH\_ID

**Introduced:** Release 8.5.015.19  
Reserved for internal use.

## Index List

CODE	U	C	Description
I_CGSTF_STD			Improves access time, based on the Start Date Time key.
I_CGSTF_CGSF			Improves access time, based on the Campaign Group Session Fact key.

Table CAMPAIGN\_GROUP\_STATE\_FACT

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CODE	U	C	Description
I_CGSTF_TNT			Improves access time, based on the Tenant.

#### Index I\_CGSTF\_STD

Field	Sort	Comment
START_DATE_TIME_KEY	Ascending	

#### Index I\_CGSTF\_CGSF

Field	Sort	Comment
CAMP_GROUP_SESSION_FACT_KEY	Ascending	

#### Index I\_CGSTF\_TNT

Field	Sort	Comment
TENANT_KEY	Ascending	

### Subject Areas

- **Campaign\_Group\_State** — Represents campaign groups from the perspective of states they go through, such as "Loaded", "Started", and "Unloading".
- **Facts** — Represents the relationships between subject area facts.