



**Consumer Affairs Commission**  
Data Dictionary  
Consumer Prices Data

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### Introduction

This document is meant to be read by developers and database administrators who wish to develop applications using the CAC (Consumer Affairs Commission) Consumer Prices data set. The document seeks to provide information about each table and fields within the tables. Also, the read will be able to understand the relationship between the various tables listed.

The document was written for the Caribbean Open Data Conference CodeSprint contestants.

### Brand

Description: This table contains the description for the product Brand ID. Used as a look up table

Field Name	Data Type	Comments
ID	Integer	
BrandName	String	Name of the brands like Grace, Eve etc.

### Brand

Description: This table contains the description for the product size ID. Used as a look up table.

Field Name	Data Type	Comments
ID	Integer	
Description	String	Size description like 1L, 1lb, 1Kg etc.

## Outlets

Description: Contains all outlets from which price data is gathered

Field Name	Data Type	Comments
ID	Integer	
Status	String	"Active"/"Inactive"
Name	String	
Address1	String	
Address2	String	
Address3	String	
Parish	String	
TeleNum1	String	
TeleNum2	String	
OutletType	String	"Hardware Store"/" Supermarket"/" Shop"/" Petrol Station"/" Book Store"
Town	String	
SurveyTypeID	Integer	Foreign key related to SurveyType table

## ProductDesc

Description: This table contains the description for the product. Used as a look up table

Field Name	Data Type	Comments
ID	Integer	Unique identifier
ProductDesc	String	Product description
Taxable	Boolean	If true then this product is taxable (i.e. GCT is applied to the product)

## Survey

Description: Each record represents an instance when a survey is commissioned. A survey typically last for 2-3 days and during this time a number of outlets are visited and prices gathered

Field Name	Data Type	Comments
ID	Integer	Unique identifier
SurveyStatus	String	"Closed"/"Open" Closed – The survey is completed and closed Open – The survey is in progress
SurveyTitle	String	Title describing the survey being conducted
SurveyType	String	ID for survey type. Related to table SurveyType
StartDate	String	Start date for survey

Frequency	String	How often this type of survey is conducted "Daily"/"Weekly"/"Monthly"/"Bimonthly"/"Quarterly"/"Semi Annually"/"Yearly"
EndDate	String	End date for survey
DateCreated	String	Date record was created

### SurveyForm

Description: This data contains some details about the interview that was conducted at a outlet

Field Name	Data Type	Comments
ID	Integer	Unique identifier
Status	String	"Approved" – Reviewed by all managers and ready to go public " Checked" – Checked by one supervisor or officer
SurveyDate	String	The date the data was collected at the outlet
MerchantID	Integer	ID for outlet. Related to the Outlet table
SurveyID	Integer	ID for the survey. Related to the Survey Table
CertificateSeen	Boolean	If true then the survey officer saw the GCT certificate
GCTCertDisplayed	Boolean	If true then the GCT certificate is displayed in a public area
DisplayInfoInd	Boolean	Not used
AllPricesInd	Boolean	If true then all product prices are show. Used for petrol surveys
DisplayBoard	Boolean	If true then display board matches the pump price. Used for petrol surveys
TaxIncluded	Boolean	If true then GCT included
DateCreated	Date	
DateApproved	Date	Date survey form was approved internally
LocLatitude		GPS Latitude the location price was collected
LocLongitude		GPS Longitude for the location price was collected

### ProductPrices

Description: Each row in this table represent data collected for one product at an outlet at a specific point in time

Field Name	Data Type	Comments
ProductPricesID	Integer	Unique identifier
ProductDescID	Integer	Product desc ID. Related to Productdesc table
BrandID	Integer	Prodcut Brand ID. Related to Brand table
SizeDescID	Integer	Product size description ID. Related to SizeDesc table
StockLevel	String	Indicates the amount of the product the outlet has in

		stock. "G" – Good "A" – Adequate "L" - Low
SurveyFormID	Integer	Survey Form ID. Related to the Survey Form Table
ProductDesc	String	Description of product. This is the translation of the ProductDescID field. Provided for simpler queries
BrandName	String	
SizeDesc	String	
OriginalPrice	Numeric	Price of the item before GCT
Price	Numeric	Price after GCT is applied
OnSpecial	Boolean	If true then the product is on special
PumpBoardMatch	String	YES,NO,N/A - If true then the pump price matches the display board price. Only petrol prices
PriceDisplayed	String	YES,NO,N/A – If yes then price is displayed on the display board

### SurveyType

Description: This table contains the description for the survey types

Field Name	Data Type	Comments
ID	Integer	Unique identifier
Description	String	Product description

# Entity Relationship Diagram

