

South Africa - Cannabis Demand and Price Data 2017

Shaun Riley

Report generated on: August 6, 2026

Visit our data catalog at: <https://www.datafirst.uct.ac.za/dataportal/index.php>

Identification

SURVEY ID NUMBER
zaf-etcp-cdpd-2017-v1

TITLE
Cannabis Demand and Price Data 2017

ABBREVIATION OR ACRONYM
CDPD 2017

COUNTRY

Name	Country code
South Africa	zaf

STUDY TYPE
Price Survey [hh/prc]

ABSTRACT
The full legalization of cannabis is currently being deliberated in South Africa. The aim of this survey was to better understand how the market operates by investigating how cannabis consumers respond to price changes and the factors associated with the price that consumers pay

KIND OF DATA
Sample survey data

UNIT OF ANALYSIS
Individuals

Version

VERSION DESCRIPTION
v1: Edited, anonymised data for public distribution

VERSION DATE
2017

Scope

NOTES
The survey collected data on demographic characteristics of respondents and respondents' incomes. Cannabis data included frequency of use, most recent cannabis transactions (amount purchased, price of purchase, and cannabis quality)

KEYWORDS

Keyword
cannabis
marijuana
prices

Coverage

GEOGRAPHIC COVERAGE

This survey has no geographic representivity

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Shaun Riley	University of Cape Town

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Economics of Tobacco Control Project	ETCP	funder

Data Collection

DATES OF DATA COLLECTION

Start	End
2017	2017

DATA COLLECTION MODE

Internet [int]

SUPERVISION

Ethics approval for data collection was received by the University of Cape Town's Ethics in Research Committee on the 10th of July 2017.

DATA COLLECTION NOTES

Respondents were recruited primarily through social media, and through contacts with pro-cannabis organizations. Twitter and Facebook pages were created to inform potential respondents of the research. The 20-page questionnaire was administered online to respondents on a website called ganjanomics. Periodic 'posts' and 'tweets' were sent out as reminders during data collection.

DATA COLLECTORS

Name	Affiliation
Shaun Riley	University of Cape Town

Access policy

CONTACTS

Name	Affiliation	Email	URL
DataFirst Support	University of Cape Town	support@data1st.org	Link

ACCESS CONDITIONS

Public use files, available to all

CITATION REQUIREMENTS

Riley, Shaun. Cannabis Demand and Price Data 2017 [dataset]. Version 1. Cape Town: Economics of Tobacco Control Project, UCT [producer], 2017. Cape Town: DataFirst [distributor], 2019. DOI: <https://doi.org/10.25828/hzzx-k808>

ACCESS AUTHORITY

Name	Affiliation	Email	URL
------	-------------	-------	-----

DataFirst	University of Cape Town	support@data1st.org	Link
-----------	-------------------------	---------------------	----------------------

Metadata production

PRODUCERS

Name	Affiliation	Role
DataFirst	University of Cape Town	Metadata producer

DATE OF METADATA PRODUCTION

2020-05-12

DDI DOCUMENT VERSION

Version 2

Data Description

Data file	Cases	Variables
cdpd-2017	2241	27

Data file: cdpd-2017

Cases: 2241

Variables: 27

Variables

ID	Name	Label	Question
V1	q1	consent	
V2	q2	gender	
V3	q3	race	
V4	q4	age group	
V5	q5	personal monthly income	
V6	q6	consumption frequency	
V7	q7	purchase frequency	
V8	q8	duration of marijuana consumption in years	
V9	q9	price in zar	
V10	q10	quantity in grams	
V11	q11	quality	
V12	q12	province	
V13	q13	city/town	
V14	q14_u	area or type of settlement_urban	
V15	q14_r	area or type of residence_residential	
V16	q14_i	area or type of settlement_industrial	
V17	q14_rur	area or type pf residence_rural	
V18	q14_m	area or type of residence_mixed	
V19	q14_pnd	area or type of residence_did not disclose	
V20	q15	date of purchase	
V21	q16	ease of purchase_10 extremely easy_1 extremely difficult	
V22	q17	consumption duration_how long will it take you to consume this marijuana (in	
V23	q18	product variety_does this seller offer different types of marijuana	
V24	q19_a	prices of different types of marijuana	
V25	q19_b	quantity of different types of marijuana	
V26	q20	do you purchase marijuana exclusively from this seller?	
V27	q21	does this seller offer other drugs	

Total: 27

Q1: consent**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 16 Format: character

Q10: quantity in grams**Data file:** cdpd-2017**Overview**

Valid: 2179 Minimum: 0 Maximum: 2000000 Mean: 1042.6648921525 Standard deviation: 42865.717613869

Type: Continuous Width: 8 Format: Numeric

Q2: gender**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 28 Format: character

Q3: race**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 28 Format: character

Q4: age group**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 34 Format: character

Q5: personal monthly income**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 25 Format: character

Q6: consumption frequency**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 42 Format: character

Q7: purchase frequency**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 42 Format: character

Q8: duration of marijuana consumption in years**Data file:** cdpd-2017**Overview**

Valid: 2239 Minimum: 1 Maximum: 26 Mean: 7.8642251004913 Standard deviation: 5.5343078334207

Type: Continuous Width: 8 Format: Numeric

Q9: price in zar**Data file:** cdpd-2017**Overview**

Valid: 2199 Minimum: 0 Maximum: 200000 Mean: 1016.6603001364 Standard deviation: 6486.8516713165

Type: Continuous Width: 8 Format: Numeric

Q11: quality**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 9 Format: character

Q12: province**Data file:** cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 17 Format: character

Q13: city/town

Data file: cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 20 Format: character

Q14_U: area or type of settlement_urban

Data file: cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 9 Format: character

Q14_R: area or type of residence_residential

Data file: cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 9 Format: character

Q14_I: area or type of settlement_industrial

Data file: cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 9 Format: character

Q14_RUR: area or type pf residence_rural

Data file: cdpd-2017

Overview

Valid: 2241

Type: Continuous Width: 9 Format: character

Q14_M: area or type of residence_mixed**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 9 Format: character

Q14_PND: area or type of residence_did not disclose**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 9 Format: character

Q15: date of purchase**Data file:** cdpd-2017**Overview**

Valid: 0

Type: Continuous Width: 8 Format: Numeric

Q16: ease of purchase_10 extremely easy_1 extremely difficult**Data file:** cdpd-2017**Overview**

Valid: 2236 Minimum: 1 Maximum: 10 Mean: 7.3264758497317 Standard deviation: 2.5352700088474

Type: Continuous Width: 8 Format: Numeric

Q17: consumption duration_how long will it take you to consume this marijuana (in**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 17 Format: character

Q18: product variety_does this seller offer different types of marijuana**Data file:** cdpd-2017**Overview**

Valid: 2241

Type: Continuous Width: 9 Format: character

Q19_A: prices of different types of marijuana**Data file:** cdpd-2017**Overview**

Valid: 1181 Minimum: 0.5 Maximum: 400 Mean: 29.228267026695 Standard deviation: 30.342917040874
Type: Continuous Width: 8 Format: Numeric

Q19_B: quantity of different types of marijuana**Data file:** cdpd-2017**Overview**

Valid: 1469 Minimum: 4 Maximum: 1000 Mean: 121.26496281309 Standard deviation: 67.344490328101
Type: Continuous Width: 8 Format: Numeric

Q20: do you purchase marijuana exclusively from this seller?**Data file:** cdpd-2017**Overview**

Valid: 2241
Type: Continuous Width: 42 Format: character

Q21: does this seller offer other drugs**Data file:** cdpd-2017**Overview**

Valid: 2241
Type: Continuous Width: 42 Format: character

Download related resources

Questionnaires

[q-cdpd-2017]

Title	[q-cdpd-2017]
Author(s)	Shaun Riley
Description	This is the questionnaire used in the survey
Filename	q-cdpd-2017.pdf
