

# Sri Lanka - Rubber Economic Cost Survey - 2007

**Rubber Development Department**

Report generated on: January 9, 2023

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## Identification

### SURVEY ID NUMBER

LKA-DCS-RECS-2007-v1.0

### TITLE

Rubber Economic Cost Survey - 2007

### COUNTRY

Name	Country code
Sri Lanka	LKA

### STUDY TYPE

Administrative Records, Other (ad/oth]

### ABSTRACT

The Rubber Control Department was established to enforce the legislative provisions of Rubber Control Ordinance No 63 of 1938 which was later repealed by the Rubber Control Act No 11 of 1956. The Rubber Replanting Subsidy fund was established for the purpose of subsidizing the replanting of rubber plants under the rubber replanting subsidy Act No 36 of 1953 to which amendments were made by enforcing Acts No 01 of 1995, No 54 of 1956 and no 09 of 1998.

The Rubber Control Department was upgraded in to Rubber Development Department as a result of amalgamation of Rubber Control Department with the advisory Board of Rubber Research Institute in 1994.

Rubber is a major export crop in the island. It is an important industrial raw-material for local and foreign automobile industry. A favourable feature in the rubber industry is that most of the traditional products such as sheet rubber has been diverted to technically specified rubber and concentrated latex. Increase of local consumption leads to the decrease of exports and it could be a favourable measure to face with low prices of raw materials prevailing in the foreign market.

Rubber is grown in the Districts such as Colombo, Gampaha, Kalutara, Kandy, Matale, N'Eliya, Galle, Matara, Hambantota, Kurunegala, Puttalam, Badulla, Monaragala, Ratnapura and Kegalle.

A rubber estate is normally managed by a superintendent who has to report to a private owner (provided the estate is owned by a private owner) or a plantation company handling multiple estates. Some estates have their own factories, those who do not own a factory supply their latex to a nearby factory for processing where they are paid at a weekly rate declared by the government taking the market conditions into account. The latex purchased from outside estates by a factory are called Bought latex. Three types of rubber are produced in factories namely - Sheet, Crepe and Latex.

Some of the workers employed in a large rubber estate are resident in the estate. The activities that the workers perform are monitored on a daily basis such as tapping, fertilizing and so forth. The cost of production of made rubber is a good indicator of measuring the performance of an estate. Therefore all costs are closely monitored. To facilitate this, a special kind of ledger called the CHECKROLL is used in the offices of the factory and the estates. This is like a day book. The estate can decide on the type of checkrolls they are maintaining in order to simplify the recording of various types of estate costs as well as the tasks assigned to workers and the material quantities utilized.

Some examples of different checkrolls are daily wages checkroll, fertilizer checkroll, factory process checkroll etc. The daily wages checkroll has a name column and thirty one columns for each month. In the name column the worker's name is recorded. Any task he is assigned to on a particular day is recorded with a task code in the day's column against his name. Each activity has a task code. At the end of the month the costs are analyzed by the task codes to obtain payables and to work out accounting entries.

### KIND OF DATA

Administrative records data [adm]

### UNIT OF ANALYSIS

Rubber estate / factory

## Version

### VERSION DESCRIPTION

V1.0: Full edited dataset, for internal DPD Use

### VERSION DATE

2008

## Scope

### NOTES

This scope includes topics such as :

General (Identification details)  
 Estate size Crops and Lands  
 Maintenance of mature rubber  
 Tapping and collecting costs  
 Establishment and maintenance of all young immature rubber  
 Factory costs  
 Estate maintenance and upkeep  
 General charges  
 Production and prices  
 Marketing and agency house expenses  
 Estate labour and other staff

## Coverage

### GEOGRAPHIC COVERAGE

National Coverage of Rubber estates under the ownership of Sri Lanka State Plantations Corporation, Janatha Estate Development Board, Cooperatives, Other manufacturing organizations and private estates.

### UNIVERSE

This data collection operation covered all rubber estates and factories in Sri Lanka.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Rubber Development Department	Ministry of Plantation Industries

### FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Rubber Development Department	RDD	Source of funds

## Data Collection

### DATES OF DATA COLLECTION

Start	End
2007-01-01	2008-12-31

## DATA COLLECTION MODE

Mail Questionnaire [mail]

## SUPERVISION

Each estate / factory has its own office. The main register in recording all estate activities such as routine expenses, daily labour hours, etc is the checkroll. The estate / factory staff record the information in the checkroll. At the end of the month total figures are posted from the checkroll to the ledgers.

## DATA COLLECTORS

## Data Processing

## DATA EDITING

A simple form has been administered to collect the information as this operation is an administrative record keeping activity. The data filled in the form must be in consistence with the figures in the books maintained by the estate / factory.

## Access policy

## CONTACTS

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@statistics.gov.lk	<a href="#">Link</a>
Agriculture and Environment Statistics Division	Department of Census and Statistics	agriculture@statistics.gov.lk	<a href="#">Link</a>
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## CONFIDENTIALITY

Under the Statistical ordinance, micro data cannot be released with identifications for public use. Procedures are in place to ensure that information relating to any particular individual person, household or undertaking will be kept strictly confidential and will not be divulged to external parties. Information on individual or individual Household/establishment will not be divulged or published in such a form that will facilitate the identification of any particular person or establishment as the data have been collected under the Census/Statistical ordinance, according to which the information at individual level cannot be divulged and such information is strictly confidential.

## ACCESS CONDITIONS

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1. The data and other materials will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement.
2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.
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4. No attempt will be made to produce links among datasets provided by the Department or among data from the Department and other datasets that could identify individuals or organizations.
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6. An electronic copy of all reports and publications based on the requested data will be sent to the Department

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- Requests for micro data should be made through the agreement form designed by DCS for this purpose (Form D.R.1). The agreement form should be filled in triplicate and the Study/project proposal should accompany the filled agreement form. If requests are made for the micro data of more than one survey, a separate agreement should be signed.
- If the data request is from a student a letter from the respective Dept. Head/Dean/Supervisor, recommending the issue of data, should also be accompanied.
- If the request is approved only 25% of the data file is released at the first stage. The release of the total data file is considered only after reviewing the draft report prepared on the basis of the 25% sample data file.
- The released Data file should be used only for the specific study/Analysis mentioned in the agreement form and shall not be used for any other purpose without the prior approval of the Director General of the DCS. Moreover, Copies of the micro-data file, obtained from the DCS, shall not be given to anyone else without the prior written approval of the Director General of the DCS.
- The draft report of the Study/Analysis should be submitted to the DCS and the concurrence of the DG of the DCS, should be obtained before publishing it. Once published, a copy of the final report should be submitted to the DCS.

[Department : The Department of Census and Statistics (DCS)]

Source : [http://www.statistics.gov.lk/databases/data\\_dissemination/DataDissaPolicy\\_2007Oct26.pdf](http://www.statistics.gov.lk/databases/data_dissemination/DataDissaPolicy_2007Oct26.pdf)

#### CITATION REQUIREMENTS

Department of Census and Statistics, Rubber Economic Cost Survey - 2007 [RECS2007], Version 1.0 of the internal use dataset August 2009, provided by the National Data Archive, Data Processing Division, [www.statistics.gov.lk](http://www.statistics.gov.lk)"

#### ACCESS AUTHORITY

Name	Affiliation	Email	URL
Director General	Department of Census and Statistics	dgcensus@statistics.gov.lk	<a href="#">Link</a>

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## Metadata production

#### DDI DOCUMENT ID

DDI-LKA-DCS-RECS-2007-v1.0

#### PRODUCERS

Name	Abbreviation	Affiliation	Role
Department of Census and Statistics	DCS	Ministry of Finance and Planning	Processing data
Rubber Development Department	RDD	Ministry of Plantation Industries	Collecting data

DATE OF METADATA PRODUCTION  
2009-09-07

DDI DOCUMENT VERSION  
Version 1.0 (2009)

**Data Dictionary**

Data file	Cases	Variables
<b>RECS2007</b> This file contains data pertaining to all items collected from the Rubber Economic Cost Survey 2007/2008.	50	128



**Data file: RECS2007**

This file contains data pertaining to all items collected from the Rubber Economic Cost Survey 2007/2008.

Cases:	50
Variables:	128

**Variables**

ID	Name	Label	Question
V39	DISTRICT	District	
V40	TYP	Type of Rubber	
V41	SHEDCODE	Schedule No	
V42	C005	Total No. of days in which tapping was done	
V43	C006	Average Yield per Hectare in 07/08 all TAPPED RUBBER	
V44	C007	Average yield per Hectare in 2007 of all MATURE REPLANTED RUBBER	
V45	C008	Total area of the estate	
V46	C009	Area under Rubber, all mature rubber in production (All Crops)	
V47	C010	All immature, Young rubber	
V48	C011	All Neglected or Abandoned rubber	
V49	C012	Total area under rubber	
V50	C013	Replanting: Total area REPLANTED from 1953 to 1973	
V51	C014	Total area REPLANTED since 1974	
V52	C015	Total area under Other Crops	
V53	C016	Total of wages and other extra payments to field labor	
V54	C017	Total Salaries of field Supervisors, on crop maintenance	
V55	C017A	Cost of materials used and services in maintaining Mature Rubber	
V56	C018	Fertilizer	
V57	C019	Sprays, chemicals, stimulants	
V58	C020	Tractor/Truck operating costs (if any)	
V59	C021	Field tools	
V60	C022	Cost of maintenance repairs, and renting of implements needed for maintenance of mature rubber	
V61	C023	Other material costs in maintaining Mature Rubber	
V62	C025	Total cost of all tapping/collecting labor, including payments for extra poundage	
V63	C026	Total payments to drivers	
V64	C027	Total payments to tapping supervisors salaries	
V65	C028	Total cost of equipment (tapping knife, collecting buckets, spout, hanger etc)	
V66	C029	Total operating costs of truck/tractor used in collecting	
V67	C030	All other tapping/collecting costs	
V68	C032	Uprooting the old crop, clearing the land	
V69	C033	Soil conservation, terrace, drains	
V70	C034	Surveying	
V71	C035	Line peg holing	
V72	C036	Planting Rubber	
V73	C037	Establish and or maintain cover crop	
V74	C038	Apply manure to Rubber and/or cover crops	

ID	Name	Label	Question
V75	C039	Weeding	
V76	C040	Pests and ,disease control	
V77	C041	Repair storm damages	
V78	C042	Field Watchers	
V79	C043	Other field Labor	
V80	C044	Fertilizer	
V81	C045	Sprays, chemicals	
V82	C046	Plants from Nursery	
V83	C047	Buckets	
V84	C048	Field Tools	
V85	C049	Tractor/truck operating costs (if any)	
V86	C050	Other material costs	
V87	C052	Total wages of all factory labor, Include: Supplements	
V88	C053	Total salaries of rubber makers, mechanics and other factory staff	
V89	C054	Chemicals	
V90	C055	Wood fuel	
V91	C056	Diesel Oil	
V92	C057	Furnace Oil	
V93	C058	Lubricants	
V94	C059	Purchased electric power	
V95	C060	Packing Materials	
V96	C061	Chemicals, Acids, Sundries	
V97	C062	Corrugating pans & other implements	
V98	C063	Machinery Maintenance	
V99	C064	General Factory Maintenance	
V100	C066	Cost of labor used in general estate maintenance	
V101	C067	Cost of materials used in general estate maintenance: lines, latrines	
V102	C068	Other buildings (Not Factory)	
V103	C069	Roads	
V104	C070	Water Supply	
V105	C071	Estate Boundaries	
V106	C072	Other General estate maintenance	
V107	C074	Salaries and allowances	
V108	C075	Directors fees Prop: charges	
V109	C076	Visiting Charges	
V110	C077	Holiday Wages	
V111	C078	Weeding & schooling	
V112	C079	Sanitation, medical & maternity	
V113	C080	Insurance charges	
V114	C081	E.P.F. Contributions (9% contributed by the estate)	
V115	C082	Concessionary grants	
V116	C083	Office supplies, phone sundries	
V117	C084	Rent	
V118	C085	Taxes - Land and other Taxes	
V119	C086	Travelling expenses including maintenance of vehicles	

ID	Name	Label	Question
V120	C087	Depreciation	
V121	C088	Auditors fees	
V122	C089	Bonus to staff	
V123	C090	Workers compensation Prop: Charges	
V124	C091	Other General Charges	
V125	C093	Total of all sheet rubber produced	
V126	C094	Total of all Scrap produced	
V127	C095	Total of all crumb rubber produced	
V128	C096	Total of all latex crepe produced	
V129	C097	Total of all blanket crepe produced	
V130	C098	Total of all sole crepe produced	
V131	C099	Total of all thin crepe produced	
V132	C100	Total of all other crepe produced	
V133	C101	Total of all block rubber produced	
V134	C102	Average price received for all sheet sold	
V135	C103	Average price received for all scrap sold	
V136	C104	Average price received for all crumb rubber sold	
V137	C105	Average price received for all latex crepe sold	
V138	C106	Average price received for all sole crepe sold	
V139	C107	Average price received for all thin crepe sold	
V140	C108	Average price received for all other crepe sold	
V141	C109	Average price received for all block rubber sold	
V142	C110	Transport to Colombo or port	
V143	C111	Storage and handling	
V144	C112	Brokerage	
V145	C113	Agency commission	
V146	C114	Other marketing costs (if any)	
V147	C16	C16	
V148	C17	C17	
V149	C18	C18	
V150	C19	C19	
V151	C20	C20	
V152	C21	C21	
V153	C22	C22	
V154	C23	C23	
V155	C24	C24	
V156	C26	C26	
V157	C27	C27	
V158	C28	C28	
V159	C29	C29	
V160	C025A	C025A	
V161	C030A	C030A	
V162	C074A	C074A	
V163	C077A	C077A	
V164	C081A	C081A	

ID	Name	Label	Question
V165	C086A	C086A	
V166	PROD	PROD	

Total: 128



**DISTRICT: District****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		2	4%
03		12	24%
05		1	2%
07		7	14%
08		6	12%
10		1	2%
16		9	18%
17		12	24%

**TYP: Type of Rubber****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Sheet	20	40%
2	Crepe	3	6%
3	Latex	27	54%

**SHEDCODE: Schedule No****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 1 Maximum: 57 Mean: 27.9 Standard deviation: 16.148

Type: Continuous Decimal: 0 Width: 2 Range: 1 - 57 Format: Numeric

**C005: Total No. of days in which tapping was done****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 20 Maximum: 946 Mean: 256.44 Standard deviation: 115.301  
Type: Continuous Decimal: 0 Width: 9 Range: 20 - 946 Format: Numeric

---

**C006: Average Yield per Hectare in 07/08 all TAPPED RUBBER****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 12 Maximum: 9241 Mean: 1296.88 Standard deviation: 1574.521  
Type: Continuous Decimal: 0 Width: 9 Range: 12 - 9241 Format: Numeric

---

**C007: Average yield per Hectare in 2007 of all MATURE REPLANTED RUBBER****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 9241 Mean: 935.76 Standard deviation: 1295.282  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 9241 Format: Numeric

---

**C008: Total area of the estate****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 4 Maximum: 2006 Mean: 493.02 Standard deviation: 610.588  
Type: Continuous Decimal: 0 Width: 9 Range: 4 - 2006 Format: Numeric

---

**C009: Area under Rubber, all mature rubber in production (All Crops)****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 2 Maximum: 1110 Mean: 227.64 Standard deviation: 278.676  
Type: Continuous Decimal: 0 Width: 9 Range: 2 - 1110 Format: Numeric

---

**C010: All immature, Young rubber****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 362 Mean: 58.22 Standard deviation: 95.095  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 362 Format: Numeric

---

**C011: All Neglected or Abandoned rubber**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 291 Mean: 47.68 Standard deviation: 79.895  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 291 Format: Numeric

---

**C012: Total area under rubber**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1468 Mean: 302.64 Standard deviation: 420.215  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1468 Format: Numeric

---

**C013: Replanting: Total area REPLANTED from 1953 to 1973**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 385 Mean: 18.56 Standard deviation: 63.171  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 385 Format: Numeric

---

**C014: Total area REPLANTED since 1974**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 816 Mean: 119.3 Standard deviation: 204.039  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 816 Format: Numeric

---

**C015: Total area under Other Crops**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 629560 Mean: 12650.48 Standard deviation: 89024.775  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 629560 Format: Numeric

---

**C016: Total of wages and other extra payments to field labor****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 43197876 Mean: 2233333.82 Standard deviation: 6274226.837

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 43197876 Format: Numeric

**C017: Total Salaries of field Supervisors, on crop maintenance****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2978000 Mean: 714371.84 Standard deviation: 963804.28

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2978000 Format: Numeric

**C017A: Cost of materials used and services in maintaining Mature Rubber****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4271900 Mean: 199632.52 Standard deviation: 650863.308

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4271900 Format: Numeric

**C018: Fertilizer****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 3969000 Mean: 778964.98 Standard deviation: 1101855.808

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 3969000 Format: Numeric

**C019: Sprays, chemicals, stimulants****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 3625000 Mean: 184112.8 Standard deviation: 587525.453

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 3625000 Format: Numeric

**C020: Tractor/Truck operating costs (if any)****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1272114 Mean: 96173.56 Standard deviation: 256063.858

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1272114 Format: Numeric

**C021: Field tools****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 98200 Mean: 9805.66 Standard deviation: 19147.447  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 98200 Format: Numeric

---

**C022: Cost of maintenance repairs, and renting of implements needed for maintenance of mature rubber****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4524278 Mean: 112569.78 Standard deviation: 640908.865  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4524278 Format: Numeric

---

**C023: Other material costs in maintaining Mature Rubber****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2212263 Mean: 124476.46 Standard deviation: 411151.559  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2212263 Format: Numeric

---

**C025: Total cost of all tapping/collecting labor, including payments for extra poundage****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 31855182 Mean: 5155345.46 Standard deviation: 7133804.632  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 31855182 Format: Numeric

---

**C026: Total payments to drivers****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 5397619 Mean: 269514.52 Standard deviation: 814165.921  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 5397619 Format: Numeric

---

**C027: Total payments to tapping supervisors salaries****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2063826 Mean: 215104.46 Standard deviation: 439943.108  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2063826 Format: Numeric

---

**C028: Total cost of equipment (tapping knife, collecting buckets, spout, hanger etc)**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1741000 Mean: 198174.46 Standard deviation: 445715.912  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1741000 Format: Numeric

---

**C029: Total operating costs of truck/tractor used in collecting**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 3082000 Mean: 548182.68 Standard deviation: 875975.265  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 3082000 Format: Numeric

---

**C030: All other tapping/collecting costs**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 9992000 Mean: 1062450.82 Standard deviation: 2543798.143  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 9992000 Format: Numeric

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**C032: Uprooting the old crop, clearing the land**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 9137000 Mean: 796218.02 Standard deviation: 2263951.113  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 9137000 Format: Numeric

---

**C033: Soil conservation, terrace, drains**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 578000 Mean: 72766.9 Standard deviation: 149031.24  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 578000 Format: Numeric

---

**C034: Surveying****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 226254 Mean: 25617.74 Standard deviation: 50715.118  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 226254 Format: Numeric

---

**C035: Line peg holing****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1489000 Mean: 149234.96 Standard deviation: 353862.035  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1489000 Format: Numeric

---

**C036: Planting Rubber****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1748000 Mean: 182687.76 Standard deviation: 414500.404  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1748000 Format: Numeric

---

**C037: Establish and or maintain cover crop****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 148000 Mean: 17885.1 Standard deviation: 37882.356  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 148000 Format: Numeric

---

**C038: Apply manure to Rubber and/or cover crops****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 394000 Mean: 37678.04 Standard deviation: 101527.559  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 394000 Format: Numeric

---

**C039: Weeding****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 3373726 Mean: 449843.68 Standard deviation: 703947.901  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 3373726 Format: Numeric

**C040: Pests and ,disease control****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 790000 Mean: 51817.82 Standard deviation: 188666.899  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 790000 Format: Numeric

---

**C041: Repair storm damages****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 20000 Mean: 1311.16 Standard deviation: 4298.996  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 20000 Format: Numeric

---

**C042: Field Watchers****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 582000 Mean: 85333.16 Standard deviation: 169481.146  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 582000 Format: Numeric

---

**C043: Other field Labor****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1782772 Mean: 163581.72 Standard deviation: 365111.552  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1782772 Format: Numeric

---

**C044: Fertilizer****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2517000 Mean: 334252.32 Standard deviation: 669647.199  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2517000 Format: Numeric

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**C045: Sprays, chemicals****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 389000 Mean: 31712.4 Standard deviation: 98611.184  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 389000 Format: Numeric

---

**C046: Plants from Nursery**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 975993 Mean: 87292.1 Standard deviation: 179967.933  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 975993 Format: Numeric

---

**C047: Buckets**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 8964000 Mean: 538437.62 Standard deviation: 2150294.053  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 8964000 Format: Numeric

---

**C048: Field Tools**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 42000 Mean: 6442.9 Standard deviation: 11377.638  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 42000 Format: Numeric

---

**C049: Tractor/truck operating costs (if any)**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1313682 Mean: 42988.56 Standard deviation: 186937.904  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1313682 Format: Numeric

---

**C050: Other material costs**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 7057487 Mean: 698062.44 Standard deviation: 1580259.59  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 7057487 Format: Numeric

---

**C052: Total wages of all factory labor, Include: Supplements****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 11826513 Mean: 578965.44 Standard deviation: 1842053.982  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 11826513 Format: Numeric

---

**C053: Total salaries of rubber makers, mechanics and other factory staff****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 6573802 Mean: 352665.2 Standard deviation: 1013514.913  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 6573802 Format: Numeric

---

**C054: Chemicals****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4950174 Mean: 222090.52 Standard deviation: 772792.954  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4950174 Format: Numeric

---

**C055: Wood fuel****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 269278 Mean: 38377.9 Standard deviation: 64789.966  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 269278 Format: Numeric

---

**C056: Diesel Oil****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1142014 Mean: 53959.28 Standard deviation: 197470.788  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1142014 Format: Numeric

---

**C057: Furnace Oil****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 5315 Mean: 106.3 Standard deviation: 751.655  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 5315 Format: Numeric

**C058: Lubricants****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 67795 Mean: 2585.4 Standard deviation: 12543.266  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 67795 Format: Numeric

---

**C059: Purchased electric power****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2709754 Mean: 365211.16 Standard deviation: 640283.064  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2709754 Format: Numeric

---

**C060: Packing Materials****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 816888 Mean: 55732.46 Standard deviation: 152982.867  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 816888 Format: Numeric

---

**C061: Chemicals, Acids, Sundries****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2188065 Mean: 155568.74 Standard deviation: 381874.211  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2188065 Format: Numeric

---

**C062: Corrugating pans & other implements****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 693994 Mean: 17217.86 Standard deviation: 98390.498  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 693994 Format: Numeric

---

**C063: Machinery Maintenance****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 565923 Mean: 97141.1 Standard deviation: 162399.248  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 565923 Format: Numeric

---

**C066: Cost of labor used in general estate maintenance**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4271000 Mean: 358969.06 Standard deviation: 884929.285  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4271000 Format: Numeric

---

**C067: Cost of materials used in general estate maintenance: lines, latrines**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 848000 Mean: 113896.36 Standard deviation: 212763.692  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 848000 Format: Numeric

---

**C068: Other buildings (Not Factory)**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2598000 Mean: 157027.9 Standard deviation: 420468.804  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2598000 Format: Numeric

---

**C069: Roads**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2113000 Mean: 163595.18 Standard deviation: 501862.145  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2113000 Format: Numeric

---

**C070: Water Supply**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 86000 Mean: 12736.4 Standard deviation: 22333.889  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 86000 Format: Numeric

---

**C071: Estate Boundaries****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 57000 Mean: 8185.18 Standard deviation: 16129.098  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 57000 Format: Numeric

---

**C072: Other General estate maintenance****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4186000 Mean: 396257.44 Standard deviation: 1113216.925  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4186000 Format: Numeric

---

**C074: Salaries and allowances****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 3115946 Mean: 486325.82 Standard deviation: 942921.77  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 3115946 Format: Numeric

---

**C075: Directors fees Prop: charges****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 11508731 Mean: 841839.06 Standard deviation: 1892606.149  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 11508731 Format: Numeric

---

**C064: General Factory Maintenance****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1622244 Mean: 135355.46 Standard deviation: 375425.616  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1622244 Format: Numeric

---

**C076: Visiting Charges****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 157020 Mean: 12434.14 Standard deviation: 29364.248  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 157020 Format: Numeric

**C077: Holiday Wages****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2274040 Mean: 495021.4 Standard deviation: 724731.547  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2274040 Format: Numeric

---

**C078: Weeding & schooling****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 12500 Mean: 450 Standard deviation: 2241.196  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 12500 Format: Numeric

---

**C079: Sanitation, medical & maternity****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1891019 Mean: 349844.1 Standard deviation: 500023.013  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1891019 Format: Numeric

---

**C080: Insurance charges****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1202210 Mean: 126386.74 Standard deviation: 214239.671  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1202210 Format: Numeric

---

**C081: E.P.F. Contributions (9% contributed by the estate)****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4778000 Mean: 662791.86 Standard deviation: 1370683.757  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4778000 Format: Numeric

---

**C082: Concessionary grants****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1564906 Mean: 66307.36 Standard deviation: 263686.21  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1564906 Format: Numeric

---

**C083: Office supplies, phone sundries**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1369867 Mean: 252713.12 Standard deviation: 389842.864  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1369867 Format: Numeric

---

**C084: Rent**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1186684 Mean: 28646.68 Standard deviation: 169526.948  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1186684 Format: Numeric

---

**C085: Taxes - Land and other Taxes**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4765000 Mean: 499172.68 Standard deviation: 1300448.81  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4765000 Format: Numeric

---

**C086: Travelling expenses including maintenance of vehicles**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 4167821 Mean: 506507.1 Standard deviation: 1063346.699  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 4167821 Format: Numeric

---

**C087: Depreciation**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 5593299 Mean: 681422.32 Standard deviation: 1348893.698  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 5593299 Format: Numeric

---

**C088: Auditors fees****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 150000 Mean: 28666.14 Standard deviation: 35370.822  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 150000 Format: Numeric

---

**C089: Bonus to staff****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 2242000 Mean: 262491.72 Standard deviation: 570075.703  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 2242000 Format: Numeric

---

**C090: Workers compensation Prop: Charges****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 258921 Mean: 15470.66 Standard deviation: 43165.678  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 258921 Format: Numeric

---

**C091: Other General Charges****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 34905388 Mean: 2832530.68 Standard deviation: 5991641.625  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 34905388 Format: Numeric

---

**C093: Total of all sheet rubber produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 830215 Mean: 83809.64 Standard deviation: 220432.928  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 830215 Format: Numeric

---

**C094: Total of all Scrap produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 69051 Mean: 14143.68 Standard deviation: 19456.736  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 69051 Format: Numeric

**C095: Total of all crumb rubber produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 887196 Mean: 59024.36 Standard deviation: 215285.383  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 887196 Format: Numeric

---

**C096: Total of all latex crepe produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 647901 Mean: 92243.72 Standard deviation: 173448.069  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 647901 Format: Numeric

---

**C097: Total of all blanket crepe produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 386803 Mean: 13199.3 Standard deviation: 61153.343  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 386803 Format: Numeric

---

**C098: Total of all sole crepe produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 221173 Mean: 10385.82 Standard deviation: 41728.5  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 221173 Format: Numeric

---

**C099: Total of all thin crepe produced****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 392716 Mean: 14449 Standard deviation: 63227.828  
Type: Continuous Decimal: 0 Width: 9 Range: 0 - 392716 Format: Numeric

---

**C100: Total of all other crepe produced****Data file: RECS2007**

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 200857 Mean: 4872.7 Standard deviation: 28916.074  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 200857 Format: Numeric

---

**C101: Total of all block rubber produced**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 657054 Mean: 13141.08 Standard deviation: 92921.468  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 657054 Format: Numeric

---

**C102: Average price received for all sheet sold**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 100902341 Mean: 2398604.46 Standard deviation: 14297496.15  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 100902341 Format: Numeric

---

**C103: Average price received for all scrap sold**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 6390417 Mean: 226655.22 Standard deviation: 978180.698  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 6390417 Format: Numeric

---

**C104: Average price received for all crumb rubber sold**

Data file: RECS2007

**Overview**

Valid: 50 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	100%

---

**C105: Average price received for all latex crepe sold****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 97867941 Mean: 4294214.02 Standard deviation: 18886440.118

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 97867941 Format: Numeric

**C106: Average price received for all sole crepe sold****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 6160575 Mean: 313698.96 Standard deviation: 1224137.451

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 6160575 Format: Numeric

**C107: Average price received for all thin crepe sold****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	100%

**C108: Average price received for all other crepe sold****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 241 Mean: 22.64 Standard deviation: 68.713

Type: Continuous Decimal: 0 Width: 9 Range: 0 - 241 Format: Numeric

**C109: Average price received for all block rubber sold****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### C110: Transport to Colombo or port

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1184191 Mean: 128491.96 Standard deviation: 283385.485  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1184191 Format: Numeric

---

### C111: Storage and handling

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 251867 Mean: 15543.78 Standard deviation: 47828.309  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 251867 Format: Numeric

---

### C112: Brokerage

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1189191 Mean: 68249.94 Standard deviation: 243161.43  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1189191 Format: Numeric

---

### C113: Agency commission

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

**C114: Other marketing costs (if any)****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0 Minimum: 0 Maximum: 1506190 Mean: 48763.66 Standard deviation: 240239.023  
 Type: Continuous Decimal: 0 Width: 9 Range: 0 - 1506190 Format: Numeric

**C16: C16****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	100%

**C17: C17****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	100%

**C18: C18****Data file: RECS2007****Overview**

Valid: 50 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C19: C19

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C20: C20

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C21: C21

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C22: C22

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C23: C23

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

### ■ C24: C24

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	100%

### C26: C26

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	100%

### C27: C27

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	100%

### C28: C28

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	100%

### C29: C29

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	100%

### C025A: C025A

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

### C030A: C030A

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

---

### **C074A: C074A**

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

---

### **C077A: C077A**

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

---

### **C081A: C081A**

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

---

### **C086A: C086A**

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Width: 9 Range: - Format: character

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0.00		50	100%

---

### **PROD: PROD**

Data file: RECS2007

#### Overview

Valid: 50 Invalid: 0

Type: Discrete Decimal: 0 Width: 9 Range: 0 - 0 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		50	100%

---

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### Questionnaires

#### Rubber Economic Cost Survey - Questionnaire

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Title Rubber Economic Cost Survey - Questionnaire  
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### Reports

#### Study Documentation of RECS07 Project.

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Title Study Documentation of RECS07 Project.  
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### Technical documents

#### Rubber Economic Cost Survey - Instructions

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