81 NO. 1399



GOVERNMENT OF KERALA

## REPORT ON THE RESULTS OF CROP CUTTING SURVEY ON PADDY-AUTUMN 1987-88

DEPARTMENT OF **ECONOMICS AND STATISTICS** TRIVANDRUM 1988



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### FOREWORD

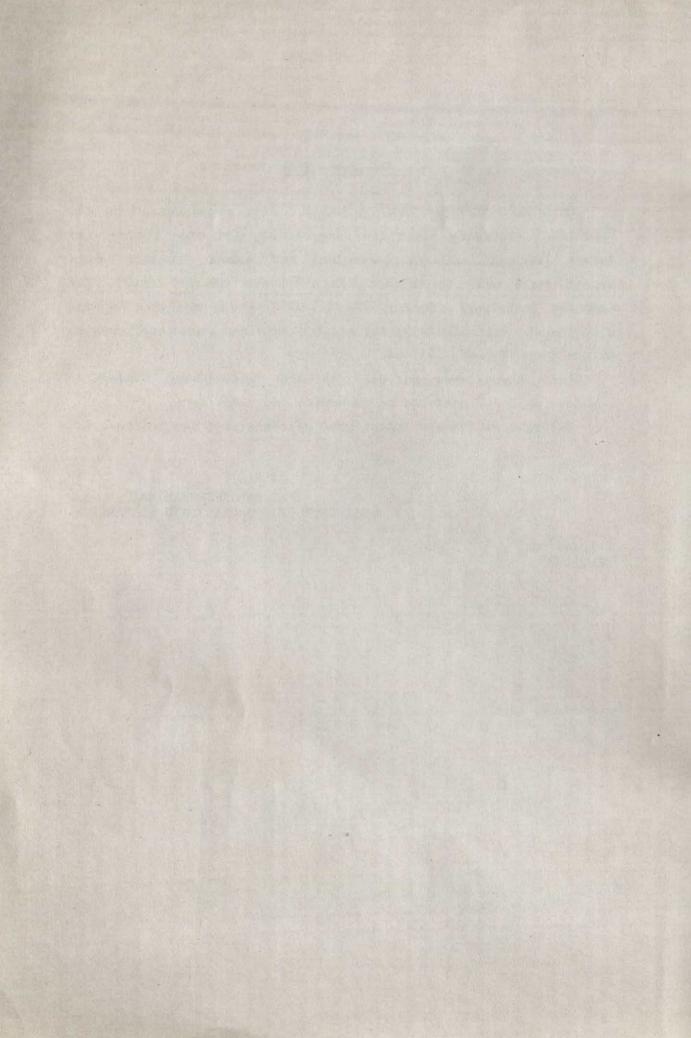
Crop estimation surveys on paddy are being conducted by the Department regularly since 1950, separately for each season viz. Autumn (Virippu), Winter (Mundakan) and Summer (Punja). This report deals with the object, area covered by the survey, the sampling techniques adopted, the results of the analysis of the data and the reliability of the results obtained from the survey on Autumn crop of paddy 1987-88.

This report was prepared by the Agricultural Statistics Division of the Department of Economics and Statistics.

Suggestions for the improvement of the report are welcome.

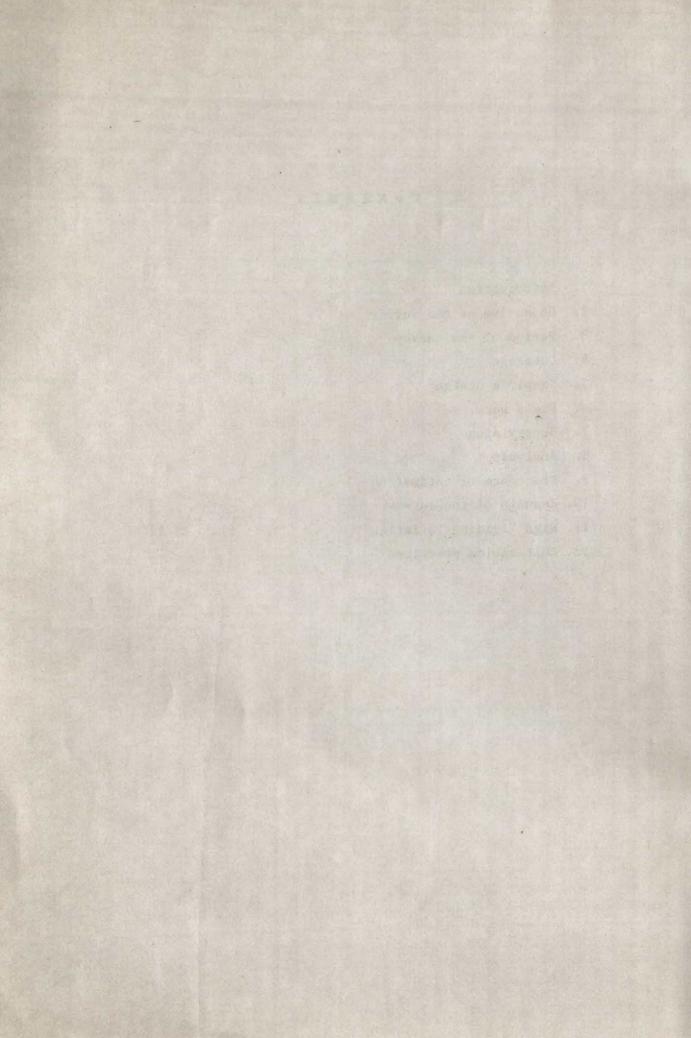
K. BALAKRISHNAN NAIR,
DIRECTOR OF ECONOMICS AND STATISTICS.

Trivandrum, 22.9.1988.



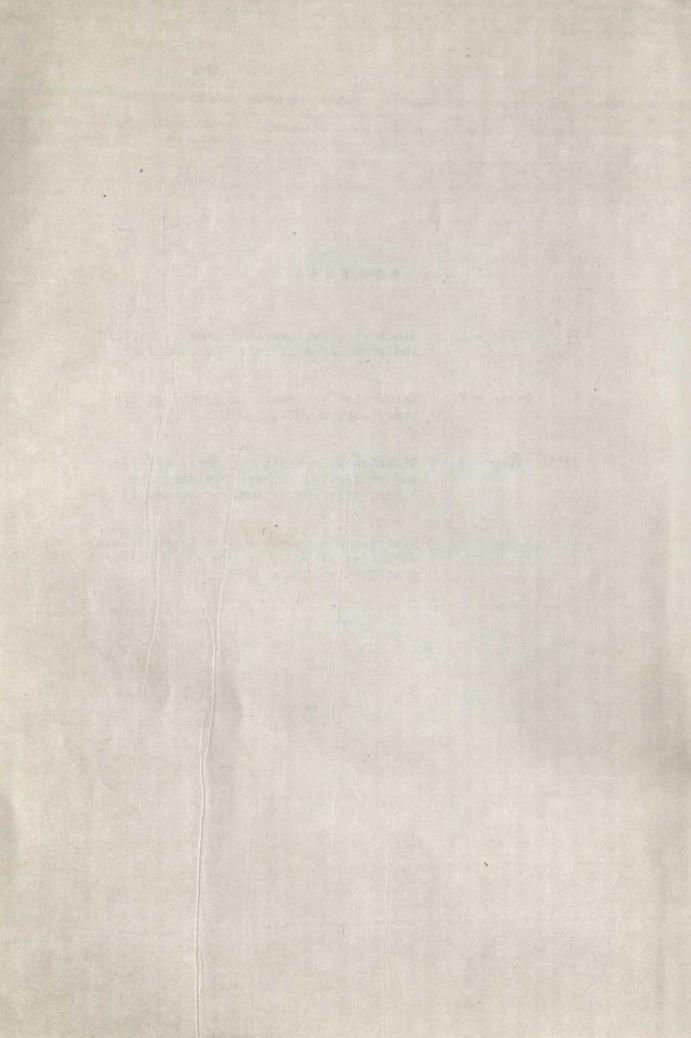
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- 1. Table = 1 Block-wise estimates of area, meanyield and production of rice autumn 1987.
- 2. Table = 2 Taluk-wise estimated meanyield of dry paddy autumn 1987.
- 3. Table 3 District-wise estimated area, meanyield and production of high yielding and other varieties of paddy autumn 1987.
- 4. Table 4 District-wise meanyield of high yielding varieties of paddy according to cultural practices autumn 1987.



### 1. Introduction:-

The Department of Economics and Statistics is regularly conducting yield estimation surveys on the most important food crop viz. paddy in the State every year. The main objective of the sample survey is to estimate the meanyield as well as the total production in the state. The survey is conducted separately during each of the three seasons viz. Autumn (Virippu), Winter (Mundakan) and Summer (Punja) in a year.

This report deals with the survey on the Autumn crop of paddy in the agricultural year 1987-88.

2. Objectives of the Survey:-

The main objectives of the survey were:-

- To estimate the mean yield per hectare of dry paddy at the Block, District and the State level for each season.
- To estimate the mean yield per hectare of High Yielding Varieties of paddy at the District level.
- To study the difference in yield of paddy according to various cultivation practices.

## 3. Period of the survey:-

The period of the survey was from July 1987 to October 1987. The field work for the survey was conducted during this period in all the Blocks where the crop was raised during the season.

## 4. Coverage:-

The survey was designed to cover the whole state except the forest area.

## 5. Sampling design:-

The survey was conducted on a stratified sampling design. The sampling design hitherto followed for the sample survey under the scheme "Establishment of an Agency for Reporting Agricultural Statistics" was changed for framing block level estimates from the crop season khariff 1987-88 onwards. Blocks are considered as strata and investigator zones in each block forming sub-strata and the first stage unit. Paddy growing survey sub-divisions in the selected cluster form the second stage unit. In each zone a list of survey sub-divisions of wet and dry land plots growing paddy under HYV irrigated, HYV un-irrigated, local irrigated and local un-irrigated are prepared. The required number of plots are selected by using circular systematic sampling method from the

list. One Kandom each was chosen by simple random after serially numbering them anti-clockwise starting from the south west corner from the survey sub-division. They form the third stage unit. A square plot of side 5 metres located in the selected Kandom formed the ultimate sample unit and the crop in the demarcated plot harvested, threshed, winnowed and weighed. The weight of the cleaned grains and other relevant details such as irrigation status, application of fertilizers, manure, insecticides, pesticides etc. were recorded in the prescribed schedule. In each investigator zone, 6 experiments per season are to be conducted. However in corporations and Municipal areas the number of crop cutting experiments to be conducted in a season are restricted to 5 and 10 respectively.

The district is divided into blocks in rural areas and Municipalities and Corporations in the Urban areas, which are treated as stratum. These blocks are again divided into a number of investigator zones depending on the area of the block, nature of land etc. Corporation area is divided into 3 investigator zones and Municipality with an area of 10 sq. Kilometres and above are treated as one investigator zone. These investigator zones formed for the EARAS survey are treated as sub-stratum for the survey. The remaining small Municipalities are grouped with the adjoining blocks.

In each investigator zone, 100 clusters of 5 survey sub-division numbers as in the basic tax register are selected for the survey. These 100 clusters are allocated among the wet lands and dry lands in proportion to the area under these categories in the zone.

In each investigator zone, list of wet land survey sub-divisions and dry land survey sub-divisions as per the basic tax register is prepared separately in an orderly manner (one village after the other). For getting the required number of clusters from each list, equal number of survey sub-divisions from each list is selected using circular systematic sampling method. These plots will be the key plots for forming the clusters. These key plots together with the two other adjacent plots on either side (left & right in the horizontal directtion) stand facing it in south north direction form cluster. The wet land clusters of 5 survey sub-divisions each are visited every paddy season in an agricultural year in an investigator zone for the collection of area under paddy during the season. From these paddy growing plots in a season, 6 survey sub-division numbers are selected for crop cutting

for crop cutting survey.

From every block, three samples, each weighing 250 grams of wet paddy were collected at the time of harvest for conducting driage experiments. The first sample was taken at the beginning, the second towards the middle and the third towards the end of the harvest season. These samples were dried and weighed. The driage ratio thus obtained was utilised for the estimation of dry weight.

#### Field work:-6.

The field work of the survey was attended to by the Investigators under the immediate superivision of the Taluk Statistical Inspectors and Taluk Statistical Officers. The Deputy Directors of the Districts were in overall charge for the proper and timely conduct of the survey assisted by the District Officers and Additional District Officers.

The total number of crop cutting experiments planned in the state during Autumn 1987 was 3657 and the percentage response was 98.63

#### Supervision:-7.

The yield estimation survey was inspected at three stages viz. pre-harvest, harvest and post harvest stages by the Taluk level and District level officers. The Statistical Inspectors and Taluk Statistical Officers were made responsible to inspect atleast one experiment in each investigator zone and Deputy Director, District Officer and Additional District Officer atleast one each in a Block at The Statistical Inspector/Additional Statistical harvest stage. Inspectors had to conduct atleast one harvest stage inspection in each investigator zone subject to a minimum of 5 experiments in a zone. Harvest stage inspections were conducted during Autumn 1987 to the extend of 25% of the experiments analysed. The percentage inspection at the pre-harvest stage during the season was 7.60.

## Analysis:-

On completion of the surveys for each season in a Block, the data collected were transmitted to the concerned District Office of the Department, and the consolidated data were forwarded to the headquarters by the Deputy Directors. Tabulation and analysis of the data so collected were done in the Agricultural Statistics Division of the Directorate. The procedure employed for estimation of various parametres at Block, District and State level is described in the ensuing paragraphs.

## 9. Estimation:-

Mean yield of paddy, its standard Error, and production of rice were estimated from the data collected through the surveys and Estimation of mean yield has been done separately for the following categories of paddy and a weighted average is computed to obtain the mean yield of all varieties together.

- 1. Paddy High Yielding Varieties Irrigated (HYV-I)
- 2. -do- UN-irrigated (HYV-UI)
- 3. Paddy Local Varieties Irrigated (L-I)
- 4. -do- un-irrigated (L-UI)
- (i) Mean Yield of paddy at Block Level

The following formula has been utilised to estimate mean yield of paddy at Block level.

$$\frac{\sum_{j=1}^{n_p} x_{pj} \times 400 \times d \text{ where,}}{\sum_{p=1}^{n_p} x_{pj}}$$

- n<sub>p</sub> = number of crop cutting experiments conducted on the pth category paddy in the Block.
- x
  pj = Weight of paddy (in Kg.) obtained from the jth experiment on
  the pth category paddy of the Block.
- p = 1, 2, 3, 4 represents HYV-I, HYV-UI, Local-I, Local -UI
  respectively.
- d = The weight of dry paddy per Kg. of the harvested produce obtained through driage experiments.

The experimental plot is  $\frac{1}{400}$  of a hectare and hence  $x_p$  gives the mean yield of dry paddy per hectare of the  $p^{th}$  category at Block level.

Mean yield of dry paddy of the Block for all categories taken together is obtained by computing the weighted average of the mean yield of all the four categories, weights being the proportion of area under paddy of the respective classifications. Thus mean yield of dry paddy (all categories together) in Kg, per hectare of the Block is given by

$$\overline{x} = \frac{\begin{array}{c} 4 \\ \\ \\ \\ \\ \\ \end{array}}{\begin{array}{c} a_p \\ \\ \\ \\ \end{array}} \overline{x}_p \quad \text{where}$$

a is the area under the p<sup>th</sup>category paddy in the Block. Mean yield of paddy for the district is obtained as the weighted average of the mean yield of the Blocks in the District, weights being the proportion of area under the crop in the respective blocks. So also mean yield of paddy for the state is computed as the weighted average mean of yield of the Districts, weights being the proportion of area under the crop in the respective districts.

## Standard error of block mean yield:-

Standard Error of mean yield per hectare of the pth category paddy of the Block is computed using the formula.

$$s_p = \sqrt{\frac{\text{M.S.S}}{n_p}} \times 400 \text{ d, where}$$

=  $\sqrt{\frac{\text{M.S.S}}{n_p}}$  x 400 d, where = no. of crop cutting experiments conducted on pth category paddy of the Block.

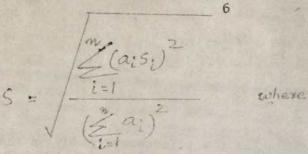
MSS = 
$$\frac{TSS}{n_p - 1}$$
,  $\frac{n_p - 1}{TSS} = \frac{TSS}{TSS} =$ 

= The weight of harvested produce obtained from jth cut on the pth category paddy of the Block.

Then Standard Error of the Block mean yield is given by

where a represents the area of p category paddy in the block

The Standard Error of the District mean yield is obtained similarly which is given by



n = Number of Blocks in the District.

ai = Area under paddy in the ith block of the District.
Si = Standard error of the i Block mean yield.

Computation of the Standard Error of the State mean yield is also made utilising the same formula where 'n' will represent the number of districts in the State, 'ai' area under paddy in the i<sup>th</sup> district and 'Si' the Standard Error of mean yield of the i<sup>th</sup> District.

#### (iii) Production of rice:-

The estimate of mean yield obtained from crop cutting survey and that of area obtained from area enumeration under EARAS were utilised for computation of estimates on production of rice. The weight of clear rice is reckoned as 65.7% of dry paddy.

#### 10. Results of the survey

General:- The total production of rice in the state during Autumn 1987 was estimated at 4,22,599 tonnes. The corresponding figure for the previous year was 4,61,992 tonnes. It shows that the rice production in the State has declined to the tune of about 40,000 tonnes. This is mainly due to the decrease in the area of paddy cultivation from 2,86,569 hectares in Autumn 1986 to 2,40,445 hectares in Autumn 1987.

The estimated area, mean yield and its standard error, production of rice together with the number of crop cutting experiments analysed in each block during Autumn 1987 are given in Table I in the Appendix.

For facilitating comparison, the mean yield of paddy during the Autumn season in the state for 86-87 and 87-88 are furnished below and that of taluks and districts for the last six years are given in table - 2 in the Appendix.

| Year | Crop season | Area under<br>Paddy | Mean yield<br>Kg/ha. | Production of rice (tonnes) |
|------|-------------|---------------------|----------------------|-----------------------------|
| 1986 | Autumn      | 286169              | 2488                 | 468409                      |
| 1987 | Autumn      | 240445              | 2661                 | 420343                      |

During the period, the lowest yield rate of wet paddy obtained per hectare was 486 Kg. and in about 4% of the experimental plots had the highest yield rate of above 4000 Kg/hectare.

With a view to find out the driage ratio of dry paddy to wet paddy, 168 driage experiments were conducted. The lowest driage ratio of 0.87 was obtained for Quilon District and the highest ratio of 0.94 for Kasaragode District. The driage ratio for the state for Autumn 1987 was estimated 0.90.

#### 11. High Yielding Varieties:-

Table 3 in the appendix gives the estimated area, mean yield and production of high yielding varieties and other varieties of paddy in each district and State during Autumn 1987. about 23% of the total area under paddy was brought under High Yielding Varieties. About 25% of the total outturn of rice in the state during the season was from the High Yielding Variety. The average yield of high yielding varieties for the State showed an increase of about 12% over other varieties. The district—wise yield rates of High Yielding Variety varied from 2194 kg/hectare in Kozhikode District to 3777 Kg/hectare in Kasargode District.

About 32% of the experimental plot, covered by the survey were grown with High Yielding Variety of paddy during Autumn 1987. High Yielding Variety of paddy in the order of cultivator's preference was Jyothi, Jaya and Pavizham. The highest state average yield of 6174 Kg/hectare was from Suryaprabha cultivated in Trivandrum District. This was followed by 5855 kg/hectare from Pavizham in Palghat District and 5161 kg/hectare from IR-8 in Kasargode District. The names of HYV of paddy corresponding to the highest district average together with the highest meanyield and the number of experimental plots where the crop was raised in each district during Autumn 1987 are indicated in the table given below:-

## District-wise high yielding vareities with highest average yield - Autumn 1987-88

| S1. No. District 1 2                                                                                           | HYV corresponding<br>to the highest<br>dist.average                           | Highest average<br>yield of dry<br>paddy kg/hect.                     | No.of experimental plots where HYV in col. 3 is raised |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------|
| - 4                                                                                                            | 3                                                                             | 4                                                                     | 5                                                      |
| 1. Trivandrum 2. Quilon 3. Pathanamthitta 4. Alleppey 5. Kottayam 6. Idukki 7. Ernakulam 8. Trichur 9. Palghat | Suryaprabha Karthika IR-8 Bharathy Culture 20 Jyothi Jyothi Massoori Pavizham | 6174<br>4203<br>,3835<br>3069<br>4690<br>4018<br>3496<br>3577<br>5855 | 2<br>1<br>1<br>2<br>1<br>2<br>69<br>2                  |
| 10.Malappuram<br>11.Kozhikode                                                                                  | Triveni                                                                       | 5149                                                                  | 4                                                      |
| 12.Wayanad                                                                                                     | IR-8                                                                          | 3016                                                                  | 10                                                     |
| 13.Cannanore                                                                                                   | -<br>Culture<br>IR-8                                                          | 3762<br>5161                                                          | 1<br>2                                                 |

## 12. Cultivation practices:-

Autumn crop of paddy is considered to be mainly a rain crop. But irrigation is usually resorted to pre-sowing field operations of Autumn crop in certain parts of the State depending upon the availability of the rain.

It was reported that 16% of the experimental plot, were irrigated during Autumn 1987. Chemical fertilizers were applied to about 98% of the irrigated plots. 2% of the irrigated plots were provided with other types of manures like farm yard manure, green manure, compost manure etc. The percentage of irrigated plots left unmanured during the season was negligible.

As far as un-irrigated plots were concerned, nearly 79% of them were found to have been applied with chemical fertilizers; other manures were applied to about 16% of the plots and the remaining 5% of the plots received no manure of any sort.

It was reported that crops in about 31% of the experimental plots were treated with insecticides and pesticides though there was no report of severe attack of pests and diseases from any part of the state during the season under reference.

In the case of plots where high yielding varieties were grown, it was found that about 15% of them received irrigation during Autumn 1987. About 97% of the irrigated plots with High Yielding Varieties have been brought under chemical fertilizers. About 94% of the un-irrigated plots with High Yielding Varieties have received Chemical fertilizers while other manures were applied to about 4% of the un-irrigated plots with H.Y.V. However, about 2% of the un-irrigated plots with HYV received no manure during Autumn 1987.

Though there was no report of disease or pest attack of considerable nature on the HYV crops in the state, it was found that about 45% of the HYV plots were treated with pesticides or insecticides during the season under reference.

The estimated average yield of High Yielding and other Varieties of paddy in irrigated and un-irrigated plots, manured and un-manured plots and plots treated and un-treated with insecticides and pesticides together with the number of experiments obtained in the survey under each of these categories in respect of Autumn crop of paddy 1987 are given in Table 4 in the Appendix.

Table 1 Block-wise estimates of area, mean-yield and production of rice - Autumn 1987

| Block and           | No.of ex | periments | Area  | Mean     | Standard |         |
|---------------------|----------|-----------|-------|----------|----------|---------|
| District            | Planned  | Analysed  | in    | yield of | error    | ion of  |
|                     |          |           | hect. | dry padd | y        | rice in |
|                     |          |           |       | Kg/ha.   |          | tonnes  |
|                     | 2        | 3         | 4     | 5        | 6        | 7       |
| Athiyannur          | 11       | 11        | 413   | 2989     | 314      | 811     |
| Nemom               | 18       | 16        | 905   | 2577     | 88       | 1532    |
| Parassala           | 18       | 15        | 785   | 3294     | 229      | 1699    |
| Perumkadavila       | 30       | 29        | 1159  | 3546     | 222      | 2700    |
| Kazhakuttom         | 36       | 36        | 693   | 1819     | 141      | 828     |
| Trivandrum Rural    | 18       | 18        | 178   | 2121     | 221      | 248     |
| Nedumangad          | 30       | 29        | 541   | 2774     | 153      | 986     |
| Vellanad            | 29       | 29        | 927   | 2584     | 136      | 1574    |
| Vamanapuram         | 18       | 18        | 1399  | 2643     | 214      | 2429    |
| Chirayinkil         | 18       | 16        | 779   | 2665     | 191      | 1364    |
| Varkala             | 24       | 23        | 785   | 2239     | 155      | 1155    |
| Kilimanoor          | 30       | 29        | 1859  | 2785     | 182      | 3402    |
| Corporation:        |          |           |       |          |          |         |
| Trivandrum          | 6        | 6         | 321   | 2821     | 249      | 595     |
| Municipalities:     |          |           |       |          | SAN TELL |         |
| Attingal            | -        |           |       |          |          |         |
| Nedumangad          | 10       | 10        | 176   | 2594     | 248      | 300     |
| Varkala             | 2 - 1    | -         | -     | -        |          | -       |
| TRIVANDRUM DISTRICT | 296      | 285       | 10920 | 2735     | 58       | 19623   |
|                     |          |           |       |          |          |         |

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|                      | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3          | 4       | 1 n 5              | 6       | 7                  |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , e        |         |                    |         |                    |
| Anchalummudu         | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | . 10       | 58      | 2913               | 547     | 111                |
| Chittumala           | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16         | 497     | 2104               | 281     | 687                |
| Ithikara             | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30         | 1432    | 2673               | 187     | 2515               |
| Mughathala           | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 757     | 2638               | 275     | 1312               |
| Karunagappally       | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 696     | 1706               | 200     | 780                |
| Chavara              | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12         | 378     | 2903               | 372     | 721                |
| Oachira (portion)    | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12         | 560     | 2070               | 239     | 781                |
| Sasthamcottah        | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24         | 1375    | 2847               | 186     | 2577               |
| (Portion)            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |                    |         | THE REAL PROPERTY. |
| Kottarakara          | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30         | 1621    | 2921               | 72      | 3111               |
| Vettikkavala         | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28         | 2045    | 3362               | 235     | 4517               |
| Chadayamangalam      | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30         | 1828    | 3703               | 197     | 4447               |
| Ancha1               | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30         | 1279    | 3342               | 171     | 2808               |
| Pathanapuram         | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 29         | 1191    | 3498               | 139     | 2737               |
| Municipalities:      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |                    |         |                    |
| Punalur              | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10         | 205     | 3704               | 239     | 499                |
| Quilon               | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3          | 10      | 1370               | 31      | 9                  |
| QUILON DISTRICT      | 302                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 300        | 13932   | 2987               | 56      | 27612              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |                    |         |                    |
| Parakkode            | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24         | 1770    | 3429               | 147     | 3987               |
| Pandalam (Portion)   | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 418     | 3224               | 157     | 881                |
| Sasthamcotta (Port   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6          | 385     | 2847               | 372     | 715                |
| Kulanada (Portion)   | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12         | 182     | 3104               | 141     | 369                |
| Konni                | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22         | 478     | 3796               | 257     | 1192               |
| Elanthoor            | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22         | 527     | 3345               | 294     | 1158               |
| Ranni                | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2          | 17      | 2865               | 0       | 32                 |
| Mallappally          | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 19         | 170     | 3465               | 433     | 387                |
| Koipuram             | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16         | 121     | 2315               | 219     | 184                |
| Pulikeezh            | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11         | 419     | 2132               | 411     | 587                |
| Municipalities:      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |                    |         |                    |
| Pathanamthitta       | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10         | 126     | 3075               | 104     | 255                |
| Thiruvalla           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1          | 13      | 3630               | 0       | 31                 |
| PATHANAMTHITTA DIST. | 169                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 163        | 4626    | 3245               | 139     | 9778               |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |         |                    |         |                    |
| Thycattusserry       | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16         | 876     | 1486               | 244     | 855                |
| Pattanakkad          | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16         | 970     | 1448               | 191     | 923                |
| Kanjikuzhi           | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 17         | 939     | 883                | 243     | 545                |
| Aryad                | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 388     | 1122               | 296     | 286                |
| Ambalapuzha          | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 12         | 1071    | 3698               | 428     | 2602               |
| Haripad              | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 2131    | 2831               | 208     | 3964               |
| Muthukulam           | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18         | 1150    | 1852               | 322     | 1399               |
| Oachira (Portion)    | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6          | 349     | 2070               | 247     | 455                |
| Chengannur           | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16         | 1553    | 3273               | 552     | 3340               |
| Kulanada (Portion)   | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6          | 248     | 3104               | 124     | 508                |
| Mavelikara           | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 17         | 1222    | 2020               | 500     | 25/7               |

Mavelikara

Veliyanad

Alleppey

Chengannur

Champakulam

Municipalities:

Bharanikavu

Pandalam (Portion)

| 1                 | 2   | . 3     | 4     | 5      | 6       | 7                 |
|-------------------|-----|---------|-------|--------|---------|-------------------|
|                   |     |         |       |        |         |                   |
|                   |     | 10      | 240   | 0007   | 200     | 493               |
| Kayamkulam        | 10  | 10      | 340   | 2207   | 300     | 493               |
| Mavelikara        | 3   | 2       | 3     | 2264   | 0       | 22                |
| Sherthalai        | 10  | 9       | 67    | 504    | 60      |                   |
| ALLEPPEY DISTRICT | 235 | 228     | 19858 | 2923   | 90      | 38141             |
| Madappally        | 20  | 20      | 731   | 2674   | 221     | 1284              |
| Vazhoor           | 5   | 5       | 29    | 2132   | 192     | 41                |
| Kanjirappally     | _   | -       | -     |        |         |                   |
| Pampady           | 15  | 15      | 159   | 3561   | 131     | 372               |
| Ettumanoor        | 23  | 21      | 2808  | 4092   | 341     | 7549              |
| Pallam Pallam     | 26  | 25      | 972   | 3733   | 300     | 2384              |
| Uzhavoor          | 30  | 30      | 1480  | 3188   | 130     | 3100              |
| Lalam             | 31  | 31      | 2.67  | 2919   | 188     | 512               |
| Erattupettah      |     |         |       |        |         |                   |
| Vaikom            | 30  | 28      | 1269  | 3080   | 186     | 2568              |
| Kaduthuruthy      | 27  | 27      | 2053  | 3317   | 291     | 4474              |
| Municipalities:   |     |         | 2030  |        | o Herra |                   |
| Changanacherry    |     |         |       |        |         |                   |
|                   |     |         |       | Kata L |         | -                 |
| Kottayam<br>Palai |     |         | 10    | 3805   |         | 25                |
| KOTTAYAM DISTRICT | 207 | 202     | 9778  | 3473   | 126     | 22309             |
| KUTTAYAM DISIKICI | 207 | 202     | 3770  | 2412   | 120     | 22307             |
| Thodupuzha        | 27  | 26      | 620   | 3400   | 447     | 1385              |
| Elamdesam         | 25  | 24      | 1130  | 3555   | 126     | 2639              |
| Idukki            | 1   | 1       | 18    | 3759   | 0       | 44                |
| Arudai            |     |         |       |        |         | AC PARTY STATE OF |
| Adimali           | 4   | 4       | 151   | 2741   | 418     | 272               |
| Devicolam         |     |         |       |        | -       |                   |
| Kattappana        | - 6 |         |       | -      | -       | Salanding-        |
| Nedumkandom       |     | ME LONG |       |        | -       | SSERVE E          |
| Municipality:     |     |         |       |        |         |                   |
| Thodupuzha        | 10  | 10      | 193   | 3659   | 246     | 464               |
| IDUKKI DISTRICT   | 67  | 65      | 2112  | 3462   | 152     | 4804              |
| Alangad           | 12  | 12      | 2663  | 2487   | 103     | 4351              |
| Angamali          | 24  | 24      | 3993  | 2517   | 57      | 6604              |
| Edappally         | 12  | 12      | 1529  | 1916   | 251     | 1925              |
| Koovappady        | 30  | 30      | 3278  | 2345   | 190     | 5051              |
| Kothamangalam     | 36  | 36      | 2518  | 3037   | 98      | 5025              |
|                   | 23  | 23      | 1552  | 1937   | 269     | 1975              |
| Mulamthuruthy     | 30  | 30      | 1611  | 3111   | 412     | 3293              |
| Muvattupuzha      | 12  | 12      | 599   | 1674   | 226     | 659               |
| Palluruthy        | 36  | 36      | 1360  | 2974   | 207     | 2657              |
| Pampakuda         |     | 12      | 2004  | 2478   | 207     | 3262              |
| Parakadavu        | 12  | 15      | 1075  | 1922   | 660     | 1357              |
| Parur             | 30  | 30      | 2835  | 2477   | 94      | 4613              |
| Vadavukode        |     |         |       |        | 132     | 4576              |
| Vazhakulam        | 39  | 39      | 3136  | 2221   | 174     | 944               |
| Vypeen            | 17  | 17      | 1424  | 1009   |         | 177               |
| Vyttila           | 6   | 6       | 139   | 1936   | 423     | 1//               |
| Municipalities:   |     |         | 200   | 0170   | 251     | 546               |
| Angamali          | 10  | 10      | 336   | 2473   | 251     | 778               |
| Kothamangalam     | 10  | 10      | 478   | 2477   | 304     | 776               |

| Land why partition of         |             | (Table        | 1 contd.   | )            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
|-------------------------------|-------------|---------------|------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
|                               | 2           |               | 3 4        |              | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7            |
| Mouseau                       |             |               |            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Muvattupuzha<br>Perumbavoor   | 10          | 10            |            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 147          |
| Thrippunithura                | 10          | 10            |            | 1941         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 51           |
| Corporation:                  | 10          | 10            | 211        | 1681         | 201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 233          |
| Cochin                        | 3           | 2             | 100        | 1005         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| ERNAKULAM DISTRIC             | T 387       | 3             |            | 1235         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 146          |
|                               | 1 30/       | 387           | 31044      | 2372         | 46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48370        |
| Anthicaud                     | 9           | 9             | 253        | 4091         | 569                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 680          |
| Cherpu                        | 20          | 20            | 500        | 2685         | 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 882          |
| 011ukara                      | 30          | 30            | 2674       | 2292         | 269                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4027         |
| Puzhakka1                     | 28          | 28            | 1765       | 2321         | 257                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2691         |
| Chowannur                     | 22          | 22            | 2426       | 2183         | 990                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3479         |
| Pazhayannur                   | 32          | 31            | 4181       | 2394         | 192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6576         |
| Wadakkancherry                | 34          | 33            | 4824       | 1928         | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6109         |
| Chawakkad                     | 14          | 14            | 88         | 2249         | 363                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 130          |
| Mullasserry                   | 9           | 9             | 545        | 2181         | 377                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 781          |
| Thalikulam                    | 9           | 9             | 37         | 1645         | 174                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 40           |
| Chalakudy                     | 16          | 16            | 1745       | 2046         | 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2346         |
| Irinjalakuda<br>Kodakara      | 12          | 12            | 596        | 2181         | 248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 854          |
| Mala                          | 20          | 20            | 1620       | 1903         | 177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2025         |
| Vellangallur                  | 18          | 18            | 1862       | 1566         | 189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1916         |
| Kodungallur                   | 15<br>4     | 15            | 1352       | 2119         | 318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1882         |
| Mathilakom                    | 14          | 4             | 17         | 1613         | 212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18           |
| Municipalities:               | 14          | 14            | 85         | 698          | 155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 39           |
| Chavakkad                     |             |               | 211        | 2622         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Chalakudy                     |             |               | 211<br>375 | 2633         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 365          |
| Irinjalakuda                  |             | in its little | 107        | 2033         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 501          |
| Kodungallur                   | 3           | 3             | 13         | 2489<br>1776 | 125                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 175          |
| Trichur                       | - I         | _             | 104        | 2252         | 135                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15           |
| TRICHUR DISTRICT              | 309         | 307           | 25380      | 2140         | 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 154<br>35685 |
|                               |             |               | 23300      | 2140         | 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 33003        |
| Alathur                       | 48          | 48            | 10068      | 4352         | 304                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28786        |
| Kuzhalmannam                  | 45          | 45            | 9838       | 2896         | 329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18720        |
| Palghat                       | 42          | 42            | 9668       | 2896         | 263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18397        |
| Kollangode                    | 45          | 45            | 12993      | 2988         | 244                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 25503        |
| Nenmara                       | 18          | 18            | 2638       | 4503         | 424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7804         |
| Chittur                       | 39          | 39            | 5144       | 4288         | 153                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 14491        |
| Mannarghat                    | 54          | 50            | 5052       | 1799         | 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5970         |
| Attappadi<br>Srookmisha D     | 400 T 194.1 | Table 1       | ALL STATE  |              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
| Sreekrishna Puram<br>Pattambi | 41          | 41            | 4200       | 1935         | 126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5340         |
|                               | 48          | 42            | 4651       | 1876         | 129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5731         |
| Ottappalam<br>Thrithala       | 36          | 36            | 4648       | 1956         | 181                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5974         |
| Municipality:                 | 34          | 34            | 2148       | 1869         | 76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2638         |
| Chittur -                     |             |               |            |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |
| Thathamangalam                | 10          | 10            |            |              | The state of the s |              |
| Palghat                       | 10          | 10            | 1477       | 5727         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5557         |
| Shornur                       | 10          | 10            | 1186       | 2909         | 486                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2267         |
| PALGHAT DISTRICT              | 480         | 10            | 665        | 2241         | 355                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 979          |
| 2.016101                      | 400         | 470           | 74376      | 3032         | 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 148157       |
| Malappuram                    | 18          | 18            | 1217       | 1822         | 260                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1/53         |
| Manjeri                       | 22          | 22            | 1171       | 2562         | 269<br>325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1457         |
|                               |             |               |            | 2302         | 323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1971         |
|                               |             |               |            |              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |

|                     |            | Table 1 | contd.) |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
|---------------------|------------|---------|---------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 1                   | 2          |         | 4       | 5      | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7     |
| Kondotty            | 18         | 18      | 1647    | 1744   | 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1887  |
| Vandoor             | 12         | 12      | 3805    | 1932   | 260                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4830  |
| Nilamboor           | 12         | 12      | 2087    | 1489   | 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2041  |
| Andathode           | 28         | 28      | 762     | 2021   | 133                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1012  |
| Ponnani             | 18         | 18      | 912     | 2233   | 241                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1338  |
| Perunthalmanna      | 37         | 37      | 2082    | 1816   | 90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2484  |
| Mankada             | 24.        | 24      | 2370    | 2501   | 127                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3894  |
| Thirurangadi        | 30         | 30      | 1209    | 1741   | 86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1383  |
| Vengara             | 29         | . 29    | 517     | 1855   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 630   |
| Tirur               | 25         | 25      | 1783    | 1572   | 309                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1841  |
| Kuttipuram          | 18         | 18      | 1162    | 2055   | 100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1569  |
| Thanur              | 24         | 24      | 1013    | 1250   | 158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 832   |
| Municipalities      | CALL DEPT. |         |         |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| Manjeri             | 10         | 10      | 549     | 3330   | -254                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1201  |
| Malappuram          | -          |         | 230     | 2073   | - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 313   |
| Tirur               | 73 - 3     |         | 174     | 1524   | - 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 174   |
| MALAPPURAM DISTRICT | 325        | 325     | 22690   | 1935 _ | 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 28857 |
| Balusseri           | 19         | 19      | 333     | 1120   | 344                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 245   |
| Perambra            | 12         | 12      | 211     | 1731   | 222                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 240   |
| Meladi              | 18         | 18      | 231     | 1272   | 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 193   |
| Pandalayani         | 18         | 18      | 297     | 1202   | 131                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 234   |
| Kozhikode           | 24         | 20      | 246     | 2097   | 270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 339   |
| Chelannur           | 21         | 21      | 167     | 1267   | 145                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 139   |
| Koduvally           | 20         | 20      | 702     | 1967   | 183                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 907   |
| Kunnamangalam       | 25         | 25      | 983     | 1271   | 166                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 821   |
| Badagara            | 17         | 16      | 186     | 2242   | 384                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 274   |
| Thuneri             | 23         | 23      | 281     | 1592   | 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 294   |
| Kunnumme1           | 12         | 12      | 73      | 1793   | 317                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | , 86  |
| Thodannur           | 22         | 22      | 74      | 1399   | 113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 68    |
| Corporation         |            |         |         |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| Calicut             | 10         | 10      | 68      | 1052   | 144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 47    |
| Municipality        |            |         |         |        | 15 - 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |
| Badagara            | 2          | 2       | 3       | 2029   | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4     |
| KOZHIKODE DISTRICT  | 243        | 238     | 3855    | 1586   | 113                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3891  |
| Kalpetta            |            |         | NO      | AUTUMN | PADDY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |
| Mananthoddy         |            |         |         | -de    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |
| Sulthan Battery     |            |         |         | -d     | 0-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |
| WAYANAD DISTRICT    | _          | -       |         | -10    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -     |
| Kuthuparamba        | 42         | 42      | 795     | 2579   | 349                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1347  |
| Peravoor            | 42         | 42      | 650     | 2199   | 85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 939   |
| Iritty              | 51         | 51      | 1155    | 2419   | 162                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1836  |
| Tellicherry         | 24         | 24      | 564     | 2394   | The state of the s | 887   |
| Cannanore           | 12         | 12      | 349     | 1675   | 336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 384   |
| Edakkad             | 36         | 36      | 902     | 2875   | 167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1704  |
| Thaliparamba        | 48         | 48      | 3218    | 2245   | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4747  |
| Payyannur           | 64         | 64      | 3692    | 2263   | 132                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5490  |
| Irikkur             | 48         | 48      | 1.358   | 2237   | 84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1996  |
| TO BE SHE WAS ALLOW |            |         |         |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |

(contd.)

: 14 : (Table 1 contd.)

| 1                  | 2    | 3    | 4      | 5      | 6    | 7      |
|--------------------|------|------|--------|--------|------|--------|
| Municipality       |      |      |        |        |      |        |
| Tellicherry        | 3    | 3    | 1.2    | 421.0  | 376  | 33     |
| Cannanore          | 5    | . 5  | 5      | 1.21.8 | 200  | 4      |
| CANNANORE DISTRICT | 375  | 375  | 1.2700 | 2321   | 61   | 19367  |
| Kanhgad            | 43   | 43   | 1.397  | 3026   | 1.52 | 2777   |
| Neeleswar          | 63   | 63   | 2235   | 2403   | 1.22 | 3529   |
| Manjeswar          | 72   | 72   | 2930   | 2579   | 1.03 | 4964   |
| Kasaragod          | 69   | 69   | 1.507  | 3062   | 1.39 | 3032   |
| Municipalities     |      |      |        |        |      |        |
| Kasaragod          | 5    | 5    | 302    | 3452   | 651  | 685    |
| Kanhangad          | 10   | 1.0  | 803    | 1931   | 320  | 1018   |
| KASARAGOD DISTRICT | 262  | 262  | 9174   | 2655   | 65   | 1.6005 |
| STATE              | 3657 | 3607 | 240445 | 2675   | 28   | 422599 |
|                    |      |      |        |        |      |        |

Table 2 Taluk-wise estimates of mean yield of dry paddy (Kg./Hect.) during autumn season from 1982 to 1987

| Taluk and district      | 1.982      | 1983  | 1.984  | 1.985 | 1.986 | 1.987 |
|-------------------------|------------|-------|--------|-------|-------|-------|
| 1                       | 2          | 3     | 4      | 5     | 6     | 7     |
| Neyyattinkara           | 2640       | 2671  | 2887   | 3430  | 3719  | 321.0 |
| Trivandrum              | 2500       | 2214  | 3084   | 3293  | 2670  | 2027  |
| Nedumangad              | 2093       | 2201  | 2705   | 2541  | 2340  | 2653  |
| Chirayinkil             | 2497       | 2255  | 251.6  | 3441  | 2556  | 2547  |
| TRIVANDRUM DISTRICT     | 2419       | 2338  | 2761   | 31.88 | 2826  | 2658  |
| Quilon                  | 1.858      | 1.768 | 2003   | 1.884 | 1.931 | 2509  |
| Kottarakkara            | 2883       | 2387  | 2394   | 3490  | 2761  | 3333  |
| Kunnathur               | 2659       | 1.681 | 1.71.6 | 2172  | 2302  | 2534  |
| Pathanapuram            | 3525       | 3239  | 2945   | 3452  | 31.56 | 3460  |
| Pathanamthitta          | 2820       | 31.74 |        | -     | -     | -     |
| Karunagappally          | 2643       | 2410  | 1.754  | 2078  | 1.992 | 2041. |
| QUILON DISTRICT         | 271.5      | 2344  | 221.9  | 2833  | 2534  | 2964  |
| Kozhencherry            | -          |       | 2859   | 2662  | 3065  | 3456  |
| Ranni                   | CHEST - CT | -     | 3224   | 2781. | 2891  | 2706  |
| Adoor                   | -          |       | 3031   | 21.32 | 2213  | 3435  |
| Thiruvalla              | -          | -     | 2336   | 1841  | 1220  | 2586  |
| Mallappally             | -          |       | 2464   | 1.756 | 1.383 | 2959  |
| PATHANAMIHITTA DISTRICT | -          |       | 2801   | 2167  | 2111  | 3316  |
| Karthigappally          | 1.971      | 2822  | 1.967  | 806   | 1811  | 2284  |
| Mavelikkara             | 2090       | 2522  | 1.742  | 1.575 | 1.562 | 2597  |
| Chengannur              | 2872       | 2927  | 2090   | 2310  | 2053  | 2841. |
| Thiruvalla              | 2577       | 2550  |        |       |       |       |
| Kuttanad                | 2902       | 2238  | 4297   | 2525  | 1.490 | 401.3 |
|                         |            |       |        |       |       |       |

(Contd.)

term in a company a supply against

|                     | (    | Table 2 c         | contd.)           |      |      |         |
|---------------------|------|-------------------|-------------------|------|------|---------|
| 1                   | 2    | 3                 | 4                 | 5    | 6    | 7       |
| Ambalapuzha         | 630  | 3593              | 1999              | 2143 | 1358 | 2096    |
| Sherthalai          | 1140 | 1214              | 1544              | 725  | 886  | 1156    |
| ALLEPPEY DISTRICT   | 2153 | 2464              | 2866              | 1492 | 1487 | 2758    |
| Ministra Divinion   |      |                   |                   |      |      |         |
| Changanacherry      | 3443 | 2708              | 2749              | 2044 | 1736 | 2565    |
| Kanjirappally       | 2854 | 3905              | 2202              | 2558 | 3545 | 3801    |
|                     | 3361 | 3980              | 3287              | 2178 | 2441 | 3880    |
| Kottayam            | 3401 | 3314              | 3768              | 1298 | 2440 | 3141    |
| Vaikom              | 2888 | 2488              | 2784              | 2702 | 2810 | 3128    |
| Meenachil           | 3300 | 3391              | 3295              | 1881 | 2428 | 3391    |
| KOTTAYAM DISTRICT   | 3300 | 3371              | 32,3              |      |      |         |
|                     | 3044 |                   | 101-12            | 10 m | - 1  | -       |
| Peermade            |      | 2180              | 2526              | 3062 | 3573 | 2741    |
| Devicolam           | 4498 | 2180              | 2516              | 3064 | 3512 |         |
| Udumbanchola        | 2995 |                   |                   | 3042 | 3338 | 3476    |
| Thodupuzha          | 3157 | 3712              | 3327              |      | 3406 | 3424    |
| IDUKKY DISTRICT     | 3603 | 2529              | 3071              | 3049 | 3400 |         |
|                     |      |                   |                   | 0500 | 2739 | 2946    |
| Kothamangalam       | 2621 | 2619              | 2881              | 2539 |      | 3001    |
| Moovattupuzha       | 3258 | 2998              | 2894              | 2931 | 3309 | 1254    |
| Cochin              | 2453 | 1844              | 1755              | 2199 | 1539 |         |
| Kanayannur          | 1593 | 2235              | 1995              | 2128 | 2206 | 1800    |
| Kunnathunad         | 2371 | 1885              | 2517              | 2583 | 2465 | 2381    |
| Alwaye              | 2620 | 2404              | 2892              | 2939 | 2151 | 2466    |
| Parur               | 2248 | 1169              | 2276              | 2391 | 2108 | 2245    |
| ERNAKULAM DISTRICT  |      | 2172              | 2573              | 2625 | 2394 | 2357    |
| ERNAROLAM DISTRICT  | 2103 | Die Vinner        |                   |      |      |         |
| Crangannore         | 1420 | 905               | 358               | 657  | 971  | 1151    |
| Mukundapuram        | 2135 | 2174              | 2002              | 2112 | 2343 | 1946    |
| Trichur             | 2359 | 2392              | 1893              | 1787 | 2315 | 2418    |
|                     | 1913 | 2173              | 1849              | 1992 | 2355 | 2205    |
| Thalappally         |      | 1811              | 1010              | 1600 | 1756 | 2090    |
| Chowghat            | 1066 |                   | 1823              | 1951 | 2310 | 2163    |
| TRICHUR DISTRICT    | 1966 | 2144              | 1023              | 1731 |      |         |
|                     | 1510 | 2701              | 4640              | 3601 | 3843 | 3859    |
| Chittur             | 4549 | 3791              | 4648              | 3878 | 4226 | 4134    |
| Alathur             | 4150 | 3748              | 4006              |      | 2628 | 2568    |
| Palghat             | 3933 | 2956              | 3474              | 2956 |      | 1914    |
| Ottapalam           | 2079 | 1989              | 2137              | 2146 | 1908 | 1799    |
| Mannarghat          | 2035 | 1836              | 1887              | 1810 | 1789 | 3044    |
| PALGHAT DISTRICT    | 3560 | 3040              | 3455              | 3058 | 3105 | 3044    |
|                     |      |                   |                   |      |      | 2000    |
| Perinthalmanna      | 1909 | 1883              | 2143              | 1798 | 2795 | 2090    |
| Ponnani             | 2053 | 1912              | 1841              | 2063 | 2239 | 2113    |
| Tirur               | 1444 | 1729              | 1816              | 1595 | 1683 | 1671    |
| Ernad               | 1636 | 1619              | 1938              | 2072 | 2151 | 2116    |
| MALAPPURAM DISTRIC  |      | 1726              | 1945              | 1906 | 2201 | 1996    |
| IMIZITIONAL DIDIRIO |      |                   |                   |      |      |         |
| Kozhikode           | 1380 | 1490              | 1329              | 1882 | 1417 | 1573    |
|                     | 1315 | 1393              | 1421              | 1110 | 1187 | 1316    |
| Quilandy            | 1313 | 1373              | 1721              |      |      |         |
|                     |      | The second second | The second second |      |      | (contd) |

(contd.)

| 1                        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 contd.         | )     |      |      |
|--------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|------|------|
|                          | 2      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                | 5     | 6    | 7    |
| Badagara                 | 1584   | 1242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.00             |       |      |      |
| South Wayanad            | 1304   | 1242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 863              | 2039  | 1587 | 1727 |
| KOZHIKODE DISTRIC        | T 1405 | 1405                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                | SPORT |      | -    |
|                          | 1 1403 | 1406                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1259             | 1661  | 1367 | 1526 |
| Vythiri                  | 1377   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |       |      |      |
| Sulthan Battery          | 13//   | Water III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  | -     | 1377 |      |
| Mananthody               | 1377   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1377             | 1377  | 1377 |      |
| WAYANAD DISTRICT         |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                | -     | 1377 | -    |
| METERIAN DISTRICT.       | 1377   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1377             | 1377  | 1377 | Nil  |
| North Wayanad            |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |       |      |      |
| Tellicherry              | 1954   | 1604                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |       |      | -    |
| Cannanore                | 2191   | 1634                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1478             | 2401  | 1800 | 2428 |
| Taliparamba              |        | 1926                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1952             | 2409  | 2543 | 2211 |
| Hosdurg                  | 1800   | 2041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1693             | 2251  | 2312 | 2178 |
| Vasaraad                 | 2326   | 2205                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1969             | 2120  |      |      |
| Kasaragod                | 2112   | 2213                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2376             | 2873  |      |      |
| CANNANORE DISTRICT       | 2071   | 2027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1935             | 2408  | 2278 | 2252 |
| Hosdurg                  |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |       |      |      |
| Kasaragod                |        | A STATE OF THE STA | District Control | -     | 2164 | 2594 |
| KASARAGOD DISTRICT       | 200    | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Angele -         |       | 2552 | 2799 |
| THE DESIGNATION DISTRICT |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | -     | 2361 | 2700 |
| STATE                    | 2571   | 2417                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2522             |       |      |      |
|                          | -3,1   | 241/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2623             | 2514  | 2488 | 2661 |

District-wise estimated area, mean yield and production of high yielding and other varieties of paddy - Autumn 1987-88 Table - 3

|                | High v | High vialding ward   | veriotion | 1.00   |                 |          | S. A. L. |            |          |
|----------------|--------|----------------------|-----------|--------|-----------------|----------|----------|------------|----------|
| District/State | Area   | Magn wold            | Dandung   | orner  | Utner varieties |          | All var  | varieties  |          |
|                | (Hect) | (Hect) of dry ion of | ion of    | (hect) | Mean yield      | Product- | ,        | Mean yleld | Product- |
|                |        | paddy                | rice (in  |        | dry paddy       | rice (in | (nect)   | or dry     | ion of   |
|                | C      | (Kg/hect)            | tonnes)   |        | (Kg/hect)       | tonnes)  |          | (Kg/hect)  | (tonnes) |
| 7              | 7      | 2                    | 4         | 5      | 9               | 7        | 8        | 6          | 101      |
| Trivandrum     | 1670   | 0000                 |           |        |                 |          |          |            |          |
| Outlon         | 0670   | 2137                 | 3521      | 9241   | 2561            | 15550    | 10920    | 2658       | 19071    |
| Pathanamthitte | 1620   | 7976                 | 20642     | 4360   | 2265            | 6487     | 13932    | 2964       | 27129    |
| Allennev       | 1030   | 7000                 | 3606      | 2996   | 3288            | 6472     | 4626     | 3316       | 10078    |
| Kottavam       | 1400   | 97/70                | 91/11     | 13317  | 2774            | 24269    | 19858    | 2758       | 35985    |
| Idukki         | 257    | 3412                 | 15081     | 3051   | 3344            | 6704     | 9778     | 3391       | 21785    |
| Ernakulam      | 8590   | 2500                 | 013       | 1855   | 3395            | 41.38    | 2112     | 3424       | 4751     |
| Trichur        | 1968   | 2398                 | 14661     | 22454  | 2265            | 33421    | 31044    | 2357       | 48082    |
| Palehat        | 7755   | 2057                 | 9255      | 23412  | 2115            | 32531    | 25380    | 2163       | 36060    |
| Malappuram     | 3750   | 2037                 | 155/5     | 66621  | 3042            | 133148   | 74376    | 3044       | 148723   |
| Kozhikode      | 1117   | 2277                 | 0362      | 18932  | 1880            | 23390    | 22690    | 1996       | 29752    |
| Wayanad        | /111   | 4124.                | 0191      | 2738   | 1254            | 2256     | 3855     | 1526       | 3866     |
| Cannanore      | 7.100  | 07.00                |           | -      | 1               | 1        | 1        | •          | -        |
| Kasarasode     | 978    | 04/7                 | 7558      | 8502   | 2010            | 11230    | 12700    | 2252       | 18788    |
| 2009           | 0/0    | 3111                 | 21/9      | 8296   | 2586            | 14094    | 9174     | 2700       | 16273    |
| State          | 54670  | 2060                 | 100000    |        |                 |          |          |            |          |
|                | 0.4010 | 6067                 | 100653    | 185775 | 2570            | 313690   | 240445   | 2661       | 420343   |
|                |        |                      |           |        |                 |          |          |            |          |

(contd.)

Table 4 District-wise number of experiments and mean yield of paddy (kg/hect.) according to various cultivation practices

|            |       | 1                   | 1    | -       | -1    | rrigated          |       | The state of |      |            |         |           |        | Un      | Unirrigated |          |             |               | -      |           |
|------------|-------|---------------------|------|---------|-------|-------------------|-------|--------------|------|------------|---------|-----------|--------|---------|-------------|----------|-------------|---------------|--------|-----------|
| District   |       | Chemically          | >    | Other   |       | Not               |       | Total        | Che  | Chemically |         | Other     | 1      | Not     |             | Total    | Treate      | Treated with  |        | Mat turn  |
|            |       | manured             | Da   | manured |       | manured           |       |              | mar  | manured    | mar     | manured   | man    | manured |             |          | plant       | plant protec- |        | ed with   |
|            |       |                     |      |         |       |                   |       |              |      |            |         |           |        |         |             |          | tion chemi- | hemi-         | plan   | plant pro |
|            |       |                     |      |         |       |                   |       |              |      |            |         |           |        |         |             |          | cals        |               | tec    | tection   |
|            |       | No.of M.Y No.of M.Y | 4. × | 10.0f M | 1 150 | No. of M V No. of | MO    | N M JO       |      | 7 7 7      |         |           | 1      | - 1     |             |          |             |               | cher   | chemicals |
|            |       | experi-             | 9    | experi- | Q.    | experi-           | 2 2   | *            |      | NO.OT M.Y  | No.C    | No.of M.Y | No.of  | F M°Y   | No.of       | F M.Y    | No.of       | M.Y           | No.of  | Y. M.     |
|            |       | ments               |      | ments   | ments | ts                | ments | ts           | ex i | experi-    | experi- | -1-1-     | experi | -i-     | experi-     | +        | experi-     | -             | experi | +         |
|            |       | 2                   | 3    | 4       | 5 6   | 1                 | 8     | 6            | 01   | 11         | 112     | 13        | Ments  |         | ments       | DONES OF | ments       |               | ments  | - Carro   |
|            |       |                     |      |         |       |                   | 1     |              | 1    |            | 7,      | 2         | +      | 0       | 9           |          | 8           | 19            | 20     | 21        |
| irivandrum | HYV . |                     | 37   |         |       |                   | 1     | 4337         | 49   | 2972       | •       | ,         | •      | 1104    | 14          | 0000     |             |               |        |           |
|            | Local | 72 3069             | 66   |         |       |                   | 72    | 3069         | 155  | 2324       |         |           |        |         |             | 2000     |             | 3146          |        | 2960      |
|            | Total | 79 3181             | 3.1  |         |       |                   | 79    | 3181         | 204  | 2400       |         |           |        |         |             | 2324     |             | 2610          | 160    | 2540      |
| Quilon     | нүү   | 1 2616              | 9    |         |       |                   |       | 2676         | 200  | 2240       | , (     |           | 7      | 1104    |             | 2466     |             | 2794          | 183    | 2592      |
|            | Local | 2 2389              | 6    |         |       |                   |       | 0107         | 502  | 3543       | 77      | 2071      | 2      | 1087    | 210         | 3212     | 52 3        | 3168          | 159    | 3223      |
|            | Total | 2 2389              | 0    |         |       |                   | ,     | 5389         | 273  | 3062       | 15      | 1460      | 10     | 1888    | 298         | 2942     | 60 3        | 3024          | 240 2  | 2976      |
| Pathanam-  |       |                     |      |         |       | •                 | 7     | 2389         | 273  | 3062       | 15      | 1460      | 10     | 1888    | 298 2       | 2942     | 60 3        | 3024          |        | 2916      |
| thitta     | HYV   | 2 2739              |      | 2044    |       |                   | 37    |              |      |            |         |           |        |         | *           |          |             |               |        |           |
|            | Local |                     |      |         |       | -                 | 4     | 3286         | 71   | 3304       |         |           |        | ,       | 71          | 3355     | 52 3        | 3281          | 23     | 3352      |
|            | Total | 2 2200              |      |         |       |                   | m     | 3634         | 84   | 3081       | -       | 1570      | •      | TWO TWO | 85          | 3063     |             | 3288          |        | 2963      |
| Allennav   | HAN   |                     |      | 3 3/18  |       |                   | 1     | 3435         | 155  | 3183       |         | 1570      |        |         | 156         | 3172     |             | 3284          |        | 3079      |
|            | 1111  | •                   |      | - 0     |       | •                 |       |              | 83   | 2474       | -       | 135       |        |         |             | 2447     |             | 2516          |        | 2381      |
|            | Total |                     | 15   |         |       |                   |       |              | 86   | 2645       | 22      | 701       | 24     | 1145    | 144 2       | 2098     | 20          | 3372          |        | 1556      |
| Kottavam   | HAA   | 14 225E             |      |         |       |                   |       | •            | 181  | 2567       | 23      | 9/9       | 24     | 1145    | 228 2       | 2226     |             | 2954          |        | 1802      |
|            | 1001  |                     | 0 4  |         |       |                   | 14    | 3265         | 96   | 3233       |         | •         | •      |         | 96          | 3233     | 96 3        | 3339          |        | 538       |
|            | Total | 33 3467             | 0 -  |         |       |                   | 6     | 3605         | 73   | 1718       |         | •         |        |         | 73 3        | 3171     |             | 1912          |        | 3545      |
| Idukki     | НУ    |                     | - 1  |         | •     | •                 | 33    | 3461         | 169  | 3206       |         | •         |        |         | 169 3       | 3206     | 112 3       | 3135          |        | 3389      |
|            | Local | 13 3407             | -    |         |       |                   | . :   |              | 2    | 3656       | •       | -         |        |         | 10          | 3656     |             | 3655          |        | 3661      |
|            | Total |                     |      |         |       |                   | 2 ;   | 3497         | 47   | 3383       |         | •         |        |         | 47 3        | 3383     | 40 3        | 3469          | 20 3   | 3285      |
| Ernakulam  | HYV   |                     | , .  |         | •     | •                 | 23    | 3497         | 52   | 3410       |         |           |        |         | 52 3        | 3410     | 44 3        | 3486          |        | 3303      |
| 311        | 00.91 |                     | , ,  |         |       |                   | 50    | 2663         | 54   | 2462       |         |           | -      | 1537    | 55 2        | 2446     | 107 2       | 2663          | 37 2   | 2340      |
|            | Total |                     | ,    |         |       |                   | 801   | 2892         | 135  | 1983       |         |           |        |         | 135 1       | 1983     | 97 2        | 2723          | 146 2  | 2008      |
|            | יסרמו | 19/ 20/4            | 4    |         |       |                   | 197   | 2674         | 180  | 2720       |         | N. T. W.  | -      | 1597    | 200         | 2110     |             |               |        |           |

|            |         |     |      |    |      |   |            | 100 |      | וומחוב | ב א רחוורת . | 1000 |      | The second second                       |      |      |      |      |      |      |      |
|------------|---------|-----|------|----|------|---|------------|-----|------|--------|--------------|------|------|-----------------------------------------|------|------|------|------|------|------|------|
| -          |         | 2   | 3    | 4  | 2    | 9 | 7          | 80  | 6    | 10     | 1            | 72   | 13   | 14                                      | 15   | 91   | 11   | 18   | 19   | 20   | 21   |
|            |         |     |      |    |      |   |            |     |      |        |              |      |      |                                         |      |      |      |      | 100  |      | 1    |
| Trichur    | нүү     | 4   | 2344 | 1  |      | 1 | No. of the | 4   | 2344 | 99     | 2838         | 2    | 1953 | 1                                       | 2717 | 62   | 2765 | 35   | 2924 | 31   | 2531 |
|            | Local   | 19  | 2459 |    |      |   |            | 19  | 2459 | 163    | 2235         | 48   | 1436 | ======================================= | 1491 | 222  | 2026 | 93   | 2592 | 148  | 1725 |
|            | Total   | 23  | 2439 |    | •    | 0 |            | 23  | 2439 | .219   | 2389         | 53   | 1484 | 12                                      | 1593 | 284  | 2187 | 128  | 2683 | 179  | 1865 |
| Palghat    | нүү     | 56  | 3925 | 4  | 2002 |   |            | 30  | 3669 | 29     | 2876         | r.   | 2104 | -                                       | 2179 | 35   | 2746 | 17   | 2597 | 48   | 3376 |
|            | Local   | 131 | 3821 | 6  | 2155 | 9 | 2461       | 146 | 3662 | 184    | 2693         | 53   | 1801 | 22                                      | 1161 | 259  | 2380 | 50   | 3001 | 355  | 2820 |
|            | Total   | 157 | 3838 | 13 | 2109 | 9 | 2467       | 176 | 3664 | 213    | 2778         | 58   | 1827 | 23                                      | 1205 | 294  | 2424 | 67   | 2898 | 403  | 2886 |
| Malappuram | нүү     |     |      | 1  |      |   | •          |     |      | 55     | 2644         | 7    | 1742 | 3                                       | 2331 | 99   | 2532 | 27   | 2456 | 38   | 2586 |
|            | Local   | •   |      | 1  | •    | , |            |     | •    | 123    | 1994         | 113  | 1728 | 24                                      | 1560 | 260  | 1838 | 85   | 2192 | 175  | 1667 |
|            | Total   |     |      | 1  |      |   | 1          | ,   |      | 178    | 2195         | 120  | 1729 | 27                                      | 1646 | 325  | 1977 | 112  | 2255 | 213  | 1831 |
| Kozhikode  | HYV     | -   | 5257 | ,  |      |   |            | -   | 5257 | 58     | 2321         | 30   | 1261 | 3                                       | 1564 | 99   | 2206 | 23   | 2224 | 44   | 2266 |
|            | Local   |     |      |    |      |   |            |     |      | 88     | 1442         | 65   | 1130 | 18                                      | 1163 | 171  | 1294 | 11   | 1616 | 160  | 1272 |
|            | Total   | -   | 5257 |    | •    |   |            | -   | 5257 | 146    | 1791         | 70   | 1139 | 21                                      | 1220 | 237  | 1548 | 34   | 2027 | 204  | 1486 |
| Wayanad    | нүү     | 1   |      | ,  |      |   |            |     | 1    | •      |              |      |      |                                         | •    | -    |      |      |      | •    |      |
|            | Local   | -   | *    |    | •    | 1 |            |     | •    |        |              |      |      |                                         |      |      |      |      |      | ,    |      |
|            | Total   |     |      | 1  | 1    |   | 1          |     |      |        | ,            | 5    | -    |                                         |      |      |      |      | •    |      |      |
| Cannanore  | нүү     | 16  | 3113 |    |      |   | •          | 16  | 3113 | 127    | 2853         | 13   | 2409 | 3                                       | 1515 | 143  | 2785 | 16   | 2548 | 143  | 2848 |
|            | Local   | 4   | 2140 |    |      |   |            | 4   | 2140 | 109    | 2299         | 95   | 1944 | 80                                      | 1557 | 212  | 2112 | 22   | 2297 | 194  | 2092 |
|            | Total   | 20  | 2919 |    |      |   | •          | 20  | 2919 | 236    | 2597         | 108  | 2000 | 1                                       | 1545 | 355  | 2383 | 38   | 2403 | 337  | 2413 |
| Kasaragode | HYV     | 9   | 3011 |    |      |   |            | 9   | 1108 | 33     | 4083         | 4    | 1982 | 2                                       | 2400 | 39   | 3781 | 13   | 3960 | 32   | 3564 |
|            | Local   | 18  | 2856 | 2  | 3024 |   | 1          | 20  | 2872 | 155    | 2631         | 33   | 2567 | 6                                       | 1135 | 197  | 2166 | 30   | 2768 | 187  | 2597 |
|            | Total   | 24  | 2894 | 2  | 3024 |   |            | 56  | 2904 | 188    | 2886         | 37   | 2504 | =                                       | 2125 | 236  | 2791 | 43   | 3128 | 219  | 2738 |
| State      | HYV     | 166 | 3056 | 9  | 2591 | 1 | •          | 172 | 3040 | 921    | 3002         | 43   | 1969 | 82                                      | 1759 | 982  | 2934 | 518  | 2970 | 636  | 2934 |
|            | Local . | 385 | 3199 | 14 | 2557 | 9 | 2461       | 405 | 3166 | 1482   | 2427         | 442  | 1655 | 124                                     | 1413 | 2048 | 2199 | 969  | 2704 | 1857 | 2248 |
|            | Total   | 551 | 3156 | 20 | 2567 | 9 | 2461       | 211 | 3128 | 2403   | 2647         | 485  | 1683 | 142                                     | 1457 | 3030 | 2437 | 1114 | 2827 | 2493 | 2423 |
|            |         |     |      |    |      |   |            |     |      |        |              |      |      |                                         |      |      |      |      |      |      |      |

