# AGRICULTURAL AND FISH PRODUCTION

## Year 2015

### Introduction

This issue of the Economic and Social Indicators presents data on agricultural and fish production for the Island of Mauritius for year 2015, as well as revised figures for year 2014. Table 1 shows area harvested and production in respect of the main agricultural crops while Table 2 shows production of the main agro-industrial products. Details on the sugar industry and food crops are given in Tables 3 and 5 respectively.

### 2. Sugar cane

The production of sugar cane went down by 0.9% from 4,044,422 tonnes in 2014 to 4,009,232 tonnes in 2015. However, the area harvested increased by 3.3% from 50,694 hectares in 2014 to 52,387 hectares in 2015, resulting in a decrease of 4.1% in the yield of sugar cane from 79.78 tonnes per hectare in 2014 to 76.53 in 2015.

The production of sugar, went down by 8.5% from 400,173 tonnes in 2014 to 366,070 tonnes in 2015. Compared to 9.91% in 2014, the average extraction rate was 9.14% in 2015 representing a decrease of 7.8%. This is mainly due to excessive rainfall coupled with delayed harvest (exceptionally extended to the first week of February 2016).

### 3. Tea

The area under tea plantation in 2015 was 574 hectares, representing a decrease of 14.6% over the figure of 672 hectares in 2014. The production of green tea leaves went down by 11.5% from 7,607 tonnes in 2014 to 6,732 tonnes in 2015 mainly due to unfavourable climatic conditions.

Production of manufactured tea decreased by 13.9% from 1,504 tonnes in 2014 to 1,295 tonnes in 2015. Further details on tea production are given in Table 4.

### 4. Tobacco

There was no production of tobacco leaves in 2014 and 2015.

### 5. Food crops

Data on food crops (except paddy rice) production, are supplied by the Food and Agricultural Research and Extension Institute (FAREI, ex-AREU). Figures are thereafter adjusted to take into account backyard production of banana, eddoes, manioc and sweet potato. Data on paddy rice was obtained from concerned establishment.

The area under foodcrops harvested decreased by 3.8% from 8,459 hectares in 2014 to 8,137 hectares in 2015. Production of foodcrops decreased by 11.8% from 113,957 tonnes to 100,528 tonnes in 2015, mainly explained by the combined effects of unfavourable climatic conditions and decreases of 24.3% and 22.7% in the production of potato and tomato respectively in 2015 compared to 2014. It is to be noted that area under rice cultivation harvested declined by 17.5% from 412 hectares in 2014 to 340 hectares in 2015. The production of paddy rice went down by 44.6% from 1,186 tonnes to 657 tonnes during the same period explained by the combined effects of unfavourable climatic conditions and of brown spot disease.

## 6. Livestock

Data on production of beef, goat meat, mutton and pork are supplied by the Mauritius Meat Authority. It is to be noted that these data represent only animals slaughtered by the Central Abattoir, including live animals imported from Rodrigues and other countries for slaughter.

In 2015, the production of beef from live cattle was 2,013 tonnes, which is 2.9% higher than the figure of 1,956 tonnes registered in 2014. Beef production from the slaughter of imported cattle, accounting for 95.6% of the total production, increased by 1.5% from 1,895 tonnes to 1,924 tonnes. Local beef production went up by 45.9% from 61 tonnes to 89 tonnes.

The production of goat meat and mutton went down by 6.7% from 45 tonnes in 2014 to 42 tonnes in 2015. The share of local production, inclusive of Rodrigues stood at 92.9 %.

The production of pork increased by 0.5% from 557 tonnes in 2014 to 560 tonnes in 2015.

## 7. Poultry

The production of poultry decreased by 2.3% from 47,500 tonnes in 2014 to 46,400 tonnes in 2015.

## 8. Fish

Total fish production went up by 2.2% from 12,376 tonnes in 2014 to 12,650 tonnes in 2015. This increase was attributable to a rise of 1.1% in the production of other catch (tuna, bank etc) from 10,967 tonnes in 2014 to 11,091 tonnes in 2015 coupled with an increase of 10.6% in the production of fresh coastal fish catch from 1,409 tonnes in 2014 to 1,559 tonnes in 2015.

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## Table 1 - Agricultural crops: Area harvested and production, 2014 - 2015

| Crops | 2014 [1] | | 2015 [2] | |
|---|---|---|---|---|
| | Area harvested (hectares) | Production (tonnes) | Area harvested (hectares) | Production (tonnes) |
| Sugar cane | 50,694 | 4,044,422 | 52,387 | 4,009,232 |
| Tea (green leaves) | 672 [3] | 7,607 | 574 [3] | 6,732 |
| Tobacco | - | - | - | - |
| Food crops | 8,459 | 113,957 | 8,137 | 100,528 |

[1] Revised

[2] Provisional

[3] Area under cultivation

- No production

## Table 2 - Production of agro-industrial products, 2014 - 2015

| Agro-industrial products | Unit | 2014 [1] | 2015 [2] |
|---|---|---|---|
| Sugar | tonnes | 400,173 | 366,070 |
| Tea (manufactured) | " | 1,504 | 1,295 |
| Beef [3] | " | 1,956 | 2,013 |
| *Local (including Rodrigues)* | " | *(61)* | *(89)* |
| *Imported* | " | *(1,895)* | *(1,924)* |
| Goat meat and mutton [3] | " | 45 | 42 |
| *Local (including Rodrigues)* | " | *(33)* | *(39)* |
| *Imported* | " | *(12)* | *(2)* |
| Pork [3] | " | 557 | 560 |
| Poultry meat | " | 47,500 | 46,400 |
| Milk | 000 Litres | 5,000 | 4,500 |
| Fish [4] | tonnes | 12,376 | 12,650 |
| *Coastal* | " | *(1,409)* | *(1,559)* |
| *Other* | " | *(10,967)* | *(11,091)* |

[1] Revised

[2] Provisional

[3] Abattoir slaughters only

[4] Fresh weight equivalent

## Table 3.1 - Sugar Industry - Field statistics, 2014 - 2015

| Ownership | 2014 [1] | | | 2015 [2] | | |
|---|---|---|---|---|---|---|
| | Area harvested (hectares) | Cane produced (tonnes) | Yield per hectare (tonnes) | Area harvested (hectares) | Cane produced (tonnes) | Yield per hectare (tonnes) |
| Estate | 26,422 | 2,309,190 | 87.39 | 28,315 | 2,399,451 | 84.74 |
| Metayers | 623 | 32,380 | 51.96 | 567 | 28,781 | 50.79 |
| Planters | 23,648 | 1,702,852 | 72.03 | 23,505 | 1,581,001 | 67.26 |
| **Total** | **50,694** | **4,044,422** | **79.78** | **52,387** | **4,009,232** | **76.53** |

[1] Revised

[2] Provisional

## Table 3.2 - Sugar Industry - Factory statistics, 2014 - 2015

| Details | Unit | 2014 [1] | 2015 [2] |
|---|---|---|---|
| Canes crushed | tonnes | 4,038,906 | 4,004,301 |
| Extraction rate (commercial sugar recovered % cane) | % | 9.91 | 9.14 |
| Average polarisation | degrees | 98.50 | 98.50 |
| Average yield of sugar | tonnes/ hectare | 7.89 | 6.99 |
| Average tonnes of cane for one tonne of sugar | tonnes | 10.09 | 10.94 |
| Production of sugar | " | 400,173 | 366,070 |
| *(Plantation White Sugar [3])* | *"* | *(298,989)* | *(268,460)* |
| *( Special)* | *"* | *(101,184)* | *(97,610)* |
| Molasses | " | 138,441 | 132,244 |

[1] Revised

[2] Provisional

[3] A processed raw sugar used to manufacture refined white sugar

## Table 4 - Tea - Production of green leaves by type of producer, 2014 - 2015

**(Tonnes)**

| Type of Producer | 2014 | 2015 [1] |
|---|---|---|
| Estates | 1,137 | 1,001 |
| Metayers | 2,111 | 1,691 |
| Free planters | 3,232 | 2,922 |
| Planters in Co-operatives Societies | 1,127 | 1,118 |
| **TOTAL** | **7,607** | **6,732** |

[1] Provisional

**Table 5 - Foodcrops: area harvested, production and yield per hectare, 2014 - 2015**

| Foodcrops | 2014 [1] | | | 2015 [2] | | |
|---|---|---|---|---|---|---|
| | Area harvested (hectares) | Production (tonnes) | Yield per hectare (tonnes) | Area harvested (hectares) | Production (tonnes) | Yield per hectare (tonnes) |
| Potato | 821 | 19,404 | 23.6 | 659 | 14,693 | 22.3 |
| Rice (paddy) | 412 | 1,186 | 2.9 | 340 | 657 | 1.9 |
| Maize | 69 | 625 | 9.1 | 71 | 451 | 6.4 |
| Groundnut | 240 | 618 | 2.6 | 99 | 173 | 1.7 |
| Onion | 282 | 5,912 | 21.0 | 303 | 7,009 | 23.1 |
| *of which hybrid* | *(158)* | *(3,808)* | 24.1 | *(275)* | *(6,509)* | 23.7 |
| Ginger | 34 | 535 | 15.6 | 52 | 553 | 10.6 |
| Garlic | 27 | 163 | 6.0 | 13 | 85 | 6.5 |
| Chillies | 306 | 1,670 | 5.5 | 273 | 1,491 | 5.5 |
| Tomato | 857 | 10,997 | 12.8 | 740 | 8,504 | 11.5 |
| *of which hybrid* | *(822)* | *(10,629)* | 12.9 | *(682)* | *(8,033)* | 11.8 |
| Beans and Peas | 302 | 1,436 | 4.8 | 270 | 1,247 | 4.6 |
| Cabbage | 229 | 4,279 | 18.7 | 240 | 3,870 | 16.1 |
| Cauliflower | 115 | 2,105 | 18.3 | 106 | 1,921 | 18.1 |
| Brinjal | 288 | 3,549 | 12.3 | 270 | 2,504 | 9.3 |
| Creepers [3] | 2,454 | 29,376 | 12.0 | 2,564 | 25,821 | 10.1 |
| Mixed vegetables [4] | 1,108 | 12,480 | 11.3 | 1,115 | 11,531 | 10.3 |
| Banana | 464 | 8,833 | 19.0 | 502 | 8,399 | 16.7 |
| Pineapple | 450 | 10,788 | 24.0 | 520 | 11,619 | 22.3 |
| **Total food crops** | **8,459** | **113,957** | 13.5 | **8,137** | **100,528** | 12.4 |

Source: Food and Agricultural Research and Extension Institute (FAREI) and Statistics Mauritius estimates

[1] Revised

[2] Provisional

[3] Includes Bittergourd,Calabash,Chouchou,Courgette,Cucumber,Patole,Pipengaille,Pumpkin,Squash and Voehm

[4] Includes Beet, Broccoli, Carrot, Echalotte, Eddoes, Ladies Finger, Leek, Lettuce, Manioc, Petsai, Sweet Pepper and Sweet Potato