# AGRICULTURAL AND FISH PRODUCTION

## Year 2012

### Introduction

This issue of the Economic and Social Indicators presents data on agricultural and fish production for the Island of Mauritius for the year 2012, as well as revised figures for year 2011. 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 6 respectively.

### 2. Sugar cane

The production of sugar cane went down by 6.7% from 4,230,174 tonnes in 2011 to 3,947,264 tonnes in 2012. This is mostly explained by a reduction of 4.5% in the area harvested from 56,668 hectares in 2011 to 54,139 hectares in 2012. The average yield has decreased by 2.4%, from 74.7 tonnes per hectare in 2011 to 72.9 in 2012.

The production of sugar, consequently, went down by 6.0% from 435,310 tonnes in 2011 to 409,200 tonnes in 2012. Compared to 10.30% in 2011, the average extraction rate was 10.38% in 2012, representing an increase of 0.8%.

### 3. Tea

The area under tea plantation in 2012 was 669 hectares, representing an increase of 2.8% over the figure of 651 hectares in 2011. However, the production of green tea leaves went down by 11.4%: 7,948 tonnes in 2012 as compared to 8,975 tonnes in 2011. This is mainly due to unfavourable climatic conditions prevailing during the year.

Production of manufactured tea decreased by 11.8% from 1,787 tonnes in 2011 to 1,577 tonnes in 2012. Further details on tea production are given in Table 4.

### 4. Tobacco

An area of 173 hectares under tobacco cultivation was harvested in 2012, that is, 22.1% lower than the 222 hectares harvested in the preceding year. Consequently, the production of tobacco leaves decreased by 29.0% from 345 tonnes in 2011 to 245 tonnes in 2012. This is explained by the fact that all flue-cured growers have stopped planting as from second season of the 2012/2013 crop given that growing of tobacco will cease in 2015. Only a few air-cured growers will continue to grow tobacco over the next two years.

### 5. Food crops

Data on food crops (except paddy rice) production, are supplied by the Agricultural Research and Extension Unit (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 production of foodcrops increased by 5.9% from 115,934 tonnes in 2011 to 122,719 tonnes in 2012, mainly explained by an increase of 10.9% in the area harvested from 7,484 hectares in 2011 to 8,303 hectares in 2012. The production of paddy rice went up by 163.0% from 316 tonnes in 2011 to 831 tonnes in 2012.

## 6. Livestock

In 2012, the production of beef from slaughter of live cattle decreased by 2.7% to 1,968 tonnes from 2,023 tonnes in 2011. The production of beef from the slaughter of imported cattle went down by 4.3% from 1,887 tonnes in 2011 to 1,806 tonnes in 2012. Local beef production (including live cattle from Rodrigues) increased by 19.1%, from 136 tonnes to 162 tonnes. This increase is mainly the result of different schemes put under the "Food Security Fund" of the Ministry of Agro Industry and Food Security. Local beef production for 2012 accounted for 8.2% of the total as compared to 6.7 % in 2011.

The production of goat meat and mutton went down by 17.7% from 62 tonnes in 2011 to 51 tonnes in 2012. This is mainly explained by a decrease of 20.0% in the production of meat obtained from slaughter of local (including live goat and sheep from Rodrigues) from 50 tonnes in 2011 to 40 tonnes in 2012. The share of local production, inclusive of Rodrigues stood at 78.4 % as compared to 80.6% in 2011.

Production of pork went up by 0.5% from 650 tonnes in 2011 to 653 tonnes in 2012.

## 7. Poultry

The production of poultry increased by 0.4% from 47,000 tonnes in 2011 to 47,200 tonnes 2012.

## 8. Fish

The production of fish went down by 25.6% to 4,125 tonnes in 2012 from 5,542 tonnes in 2011. This decrease was attributable to a drop of 35.0% in the production of other catch (tuna, bank etc) from 3,442 tonnes in 2011 to 2,237 tonnes in 2012 coupled with a decrease of 10.1% in the production of fresh coastal fish catch from 2,100 tonnes in 2011 to 1,888 tonnes in 2012.

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## Table 1 - Agricultural crops: Area harvested and production, 2011 - 2012

| Crops | 2011 [1] | | 2012 [2] | |
|---|---|---|---|---|
| | Area harvested (hectares) | Production (tonnes) | Area harvested (hectares) | Production (tonnes) |
| Sugar cane | 56,668 | 4,230,174 | 54,139 | 3,947,264 |
| Tea (green leaves) | 651 [3] | 8,975 | 669 [3] | 7,948 |
| Tobacco | 222 | 345 | 173 | 245 |
| Food crops | 7,484 | 115,934 | 8,303 | 122,719 |

[1] Revised

[2] Provisional

[3] Area under cultivation

## Table 2 - Production of agro-industrial products, 2011 - 2012

| Agro-industrial products | Unit | 2011 [1] | 2012 [2] |
|---|---|---|---|
| Sugar | tonnes | 435,310 | 409,200 |
| Tea (manufactured) | " | 1,787 | 1,577 |
| Beef [3] | " | 2,023 | 1,968 |
| *Local (including Rodrigues)* | " | *(136)* | *(162)* |
| *Imported* | " | *(1,887)* | *(1,806)* |
| Goat meat and mutton [3] | " | 62 | 51 |
| *Local (including Rodrigues)* | " | *(50)* | *(40)* |
| *Imported* | " | *(12)* | *(11)* |
| Pork [3] | " | 650 | 653 |
| Poultry meat | " | 47,000 | 47,200 |
| Milk | 000 Litres | 5,000 | 6,000 |
| Fish [4] | tonnes | 5,542 | 4,125 |
| *Coastal* | " | *(2,100)* | *(1,888)* |
| *Other* | " | *(3,442)* | *(2,237)* |

[1] Revised

[2] Provisional

[3] Abattoir slaughters only

[4] Fresh weight equivalent

## Table 3.1 - Sugar Industry - Field statistics, 2011 - 2012

| Ownership | 2011 [1] | | | 2012 [2] | | |
|---|---|---|---|---|---|---|
| | Area harvested (hectares) | Cane produced (tonnes) | Yield | Area harvested (hectares) | Cane produced (tonnes) | Yield |
| Estate | 30,200 | 2,479,243 | 82.09 | 27,998 | 2,244,432 | 80.16 |
| Metayers | 672 | 29,975 | 44.61 | 560 | 26,145 | 46.69 |
| Planters | 25,796 | 1,720,956 | 66.71 | 25,581 | 1,676,687 | 65.54 |
| **Total** | **56,668** | **4,230,174** | **74.65** | **54,139** | **3,947,264** | **72.91** |

[1] Revised

[2] Provisional

## Table 3.2 - Sugar Industry - Factory statistics, 2011 - 2012

| Details | Unit | 2011 [1] | 2012 [2] |
|---|---|---|---|
| Canes crushed | tonnes | 4,224,565 | 3,942,325 |
| Extraction rate (commercial sugar recovered % cane) | % | 10.30 | 10.38 |
| Average polarisation | degrees | 98.50 | 98.50 |
| Average yield of sugar | tonnes/ hectare | 7.68 | 7.56 |
| Average tonnes of cane for one tonne of sugar | tonnes | 9.70 | 9.63 |
| Production of sugar | " | 435,310 | 409,200 |
| *(Plantation White Sugar [3])* | *"* | *(322,266)* | *(280,384)* |
| *( Special)* | *"* | *(113,044)* | *(128,816)* |
| Molasses | " | 138,579 | 125,153 |

[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, 2011 - 2012

**(Tonnes)**

| Type of Producer | 2011 | 2012 [1] |
|---|---|---|
| Estates | 1,807 | 1,397 |
| Metayers | 2,494 | 2,090 |
| Free planters | 3,390 | 3,247 |
| Planters in Co-operatives Societies | 1,284 | 1,214 |
| **TOTAL** | **8,975** | **7,948** |

[1] Provisional

## Table 5 - Tobacco - Area harvested and production of leaf, 2011 - 2012

| Variety | 2011 [1] | | 2012 [2] | |
|---|---|---|---|---|
| | Area harvested (hectares) | Production (tonnes) | Area harvested (hectares) | Production (tonnes) |
| Virginia (flue-cured) | 214 | 329 | 164 | 232 |
| Amarello (air-cured) | 8 | 16 | 9 | 13 |
| **TOTAL** | **222** | **345** | **173** | **245** |

[1] Revised
[2] Provisional

**Table 6 - Foodcrops: area harvested, production and yield per hectare, 2011 - 2012**

| Foodcrops | 2011 [1] | | | 2012 [2] | | |
|---|---|---|---|---|---|---|
| | Area harvested (hectares) | Production (tonnes) | Yield per hectare (tonnes) | Area harvested (hectares) | Production (tonnes) | Yield per hectare (tonnes) |
| Potato | 1,011 | 21,561 | 21.3 | 1,000 | 21,052 | 21.1 |
| Rice (paddy) | 120 | 316 | 2.6 | 309 | 831 | 2.7 |
| Maize | 43 | 320 | 7.4 | 58 | 413 | 7.1 |
| Groundnut | 163 | 499 | 3.1 | 266 | 723 | 2.7 |
| Onion | 237 | 5,241 | 22.1 | 300 | 7,298 | 24.3 |
| *of which hybrid* | *(148)* | *(3,850)* | *(26.0)* | *(159)* | *(4,147)* | *(26.1)* |
| Ginger | 43 | 748 | 17.4 | 71 | 1,156 | 16.3 |
| Garlic | 5 | 34 | 6.8 | 16 | 98 | 6.1 |
| Chillies | 246 | 1,383 | 5.6 | 265 | 1,466 | 5.5 |
| Tomato | 761 | 11,354 | 14.9 | 827 | 13,150 | 15.9 |
| *of which hybrid* | *(709)* | *(10,761)* | *(15.2)* | *(782)* | *(12,590)* | *(16.1)* |
| Beans and Peas | 278 | 1,696 | 6.1 | 303 | 1,614 | 5.3 |
| Cabbage | 245 | 5,119 | 20.9 | 220 | 4,539 | 20.6 |
| Cauliflower | 81 | 1,648 | 20.3 | 80 | 1,520 | 19.0 |
| Brinjal | 231 | 3,202 | 13.9 | 244 | 3,228 | 13.2 |
| Creepers [3] | 2,214 | 28,798 | 13.0 | 2,330 | 28,853 | 12.4 |
| Mixed vegetables [4] | 932 | 12,549 | 13.5 | 1,011 | 12,461 | 12.3 |
| Banana | 497 | 10,544 | 21.2 | 510 | 10,196 | 20.0 |
| Pineapple | 377 | 10,922 | 29.0 | 493 | 14,121 | 28.6 |
| **Total food crops** | **7,484** | **115,934** | 15.5 | **8,303** | **122,719** | 14.8 |

Source: Agricultural Research and Extension Unit (AREU) 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