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FOREWORD

The 2016 Commodity Fact Sheets is the 23rd edition of the annual publication released by the Philippine Statistics Authority (PSA). The report is a compilation of basic statistical information for 50 commodities which are classified into food and non-food crops, livestock and poultry and fisheries.

Each commodity profile contains the following information: production, area, yield, share in gross output in agriculture, prices, costs of production, exports, imports and domestic utilization. The report aims to serve as a quick yet comprehensive reference material for the various data users and stakeholders in the agriculture sector.

The PSA hopes to further improve the content and coverage of this report. Thus, readers are encouraged to give their comments and suggestions to make the report more useful and relevant.

LISA GRACE S. BERSALES
Undersecretary
National Statistician and Civil Registrar General

Quezon City, Philippines
November 2017
SHRIMPS & PRAWNS

PRODUCTION

Historical Average (2007-2016): 56,659 m.t.
2016:
Aquaculture
Tiger prawn: 49,140 m.t.
White shrimp and Endeavor prawn: 2,309 m.t.
Freshwater shrimp/prawn: 1.6 m.t.
Value: P21,961.82 million
Major Producers:
Aquaculture
Tiger prawn: Pampanga (39.6%), Lanao del Norte (28.7%), Bulacan (8.0%)
White shrimp and Endeavor prawn: Zamboanga del Sur (30.5%), Pampanga (14.5%), Masbate (11.2%)
Freshwater shrimp/prawn: Isabela (60.2%), Lanao del Norte (12.3%), Antique (11.0%)
Municipal
Tiger prawn: Ilocos Sur (18.2%), Cagayan (15.7%), Aklan (15.1%)
White shrimp and Endeavor prawn: Iloilo (33.8%), Cagayan (15.2%), Maguindanao (7.9%)
Freshwater shrimp/prawn: Pampanga (21.1%), Laguna (16.2%), Rizal (8.5%)

PRICE
Farmgate:
Endeavor prawn (P207.21/kg.), Tiger prawn (P425.70/kg.), White shrimp (P158.19/kg.), Freshwater shrimp (P88.37/kg.)
Wholesale:
Endeavor prawn (P290.57/kg), Tiger prawn (P424.51/kg), White shrimp (P259.37/kg.)
Retail:
Endeavor prawn (P325.80/kg), Tiger prawn (P517.68/kg)

EXPORTS

Shrimp & prawns, fresh/chilled
Volume: 642.53 m.t.
Value: P174.75 million
Major Markets: Taiwan (42.6%), Japan (99.5%)

Shrimp & prawns, dried
Volume: 67.97 m.t.
Value: P37.13 million
Major Markets: Japan (99.5%)

Shrimp paste, bagoong
Volume: 2,347.55 m.t.
Value: P180.86 million
Major Markets: Canada (20.8%), USA (19.6%), Taiwan (12.9%)

Shrimps & prawns, frozen
Volume: 5,809.78 m.t.
Value: P2,038.57 million
Major Markets: Japan (57.3%), USA (29.9%)

Prawn, prepared/preserved
Volume: 100.28 m.t.
Value: P166.99 million
Major Markets: Hongkong (65.4%), Japan (19.5%)
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Tuna fillet, frozen
Volume: 6,624.93 m.t.
Value: P2,549.56 million
Major Markets: Israel (28.1%), Japan (25.9%), USA (16.8%), Spain (14.7%)

Skipjack, smoked
Volume: 1,433.25 m.t.
Value: P94.37 million
Major Market: Japan (86.5%)

IMPORTS
Other tunas, skipjack or stripe-bellied bonito, frozen
Volume: 2,866.55 m.t.
Value: P206.02 million
Major Suppliers: Korea (41.1%), Taiwan (27.8%), Vietnam (16.5%), Japan (11.3%)

Yellowfin tuna, frozen
Volume: 29,323.23 m.t.
Value: P2,264.28 million
Major Suppliers: Korea (19.8%), Japan (15.9%)

DOMESTIC UTILIZATION
Net Food Disposable
Volume: 428,613 m.t.
Value: P48,030.37 million

Processing
Volume: 162,937 m.t.
Value: P17,149.12 million

*Includes big eyed tuna, skipjack, yellowfin tuna, eastern little tuna and frigate tuna
TUNA*

PRODUCTION

Historical Average (2007-2016): 560,203 m.t.
2016: 509,177 m.t.
Commercial 363,575 m.t.
Municipal 145,602 m.t.
Value: P38,266.04 million
Major Producers:
Commercial South Cotabato (60.2%), Sulu (10.7%), Zamboanga del Sur (4.8%)
Municipal Eastern Samar (8.3%), Palawan (7.5%), Tawi-tawi (6.9%)

PRICE

Farmgate: Frigate tuna (P64.72/kg.), Skipjack (P62.91/kg.), Yellowfin tuna (P107.35/kg.), Big eye tuna (P122.86/kg.), Eastern Little tuna (P59.63/kg.)
Wholesale: Frigate tuna (P90.69/kg.), Yellowfin tuna (P119.80/kg.)
Retail: Frigate tuna (112.06/kg.)

EXPORTS

Skipjack or stripe-bellied bonito, frozen
Volume: 598.53 m.t.
Value: P39.97 million
Major Markets: Japan (61.0%), USA (16.3%), Spain (15.7%)

Frigate tuna, skipjack & bonito other than in airtight containers
Volume: 5,156.34 m.t.
Value: P823.79 million
Major Markets: Spain (19.2%), Italy (15.5%), USA (16.0%), Japan (12.4%)

Tuna, skipjack & bonito in airtight containers
Volume: 25,221.14 m.t.
Value: P1,633.82 million
Major Markets: Japan (61.0%), USA (16.3%), Finland (64.6%), USA (10.5%), Japan (6.0%)

Yellowfin tunas, fresh or chilled, (excluding livers and roes)
Volume: 5,156.34 m.t.
Value: P823.79 million
Major Markets: Spain (19.2%), Italy (15.5%), USA (16.0%), Japan (12.4%)

Tuna fillet, fresh or chilled (excluding livers and roes)
Volume: 1,209.53 m.t.
Value: P188.73 million
Major Markets: Switzerland (26.4%), France (15.8%), Israel (13.4%), Italy (12.5%)

Other tunas excluding liver and roes, frozen
Volume: 28.27 m.t.
Value: P5.59 million
Major Markets: USA (66.0%), Hongkong (34.0%)

Yellowfin tunas, frozen, (excluding livers and roes)
Volume: 1,209.53 m.t.
Value: P188.73 million
Major Markets: Switzerland (26.4%), France (15.8%), Israel (13.4%), Italy (12.5%)

Skipjack/stripebellied bonito, fresh/chilled
Volume: 201.70 m.t.
Value: P37.22 million
Major Markets: USA (66.0%), Hongkong (34.0%)

EXPLANATORY NOTES

1. Volume of production is expressed in metric tons and value of production is expressed in pesos. The values of commodities at current prices are taken from the Performance of Philippine Agriculture, a quarterly report published by the PSA. For commodities not highlighted in the Performance Report, the values are derived by multiplying the year’s volume of production with the average farmgate price in the same year.

2. The share in Gross Output in Agriculture is provided only for the commodities highlighted in the Performance of Philippine Agriculture. It is derived by dividing the value of production of the selected commodities by the total value of agricultural production at constant prices.

3. Major locations are the top provinces based on area planted for permanent crops and area harvested for temporary crops.

4. Major producers are the top provinces based on volume of production.

5. Provinces with highest yield are provinces with the biggest production per hectare or per bearing tree.

6. Data on cost of production per kilogram are updated estimates based on given set of assumptions and procedures. The costs of production of temporary crops are expenses incurred in production during the period while those of permanent crops refer to maintenance costs of the farms.

7. Data on volume of exports and imports are expressed in net metric tons. The data on value are FOB value for exports and CIF value for imports expressed in peso terms.

8. Major markets/suppliers are the top exporting/importing countries based on volume.

9. Data on domestic utilization are represented by net food disposable (NFD) and quantity of commodity that goes to processing. These data are generated by the Supply Utilization Accounts for Agriculture. NFD is the...
amount of food available in its original (unprocessed) form for human consumption. Net food disposable (NFD) is the balance or the remainder after all the “use” parameters are taken into account.

10. Values of commodities for food use (NFD) and processing are derived using the average retail and wholesale prices, respectively. Valuation is done only for commodities with available prices. These are commodities which are included in the national market baskets of the PSA price data system.

11. The following abbreviations are used in the report:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Peso</td>
</tr>
<tr>
<td>m.t.</td>
<td>Metric Ton</td>
</tr>
<tr>
<td>kg(s).</td>
<td>Kilogram/s</td>
</tr>
<tr>
<td>has.</td>
<td>Hectares</td>
</tr>
</tbody>
</table>

12. All data items in the report are sourced from the different divisions of the Philippine Statistics Authority.

### TILAPIA

#### PRODUCTION

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historical Average (2007-2016):</td>
<td>304,143 m.t.</td>
</tr>
<tr>
<td>Aquaculture</td>
<td>300,723 m.t.</td>
</tr>
<tr>
<td>Municipal</td>
<td>3,420 m.t.</td>
</tr>
<tr>
<td>Value</td>
<td>P20,770.08 million</td>
</tr>
<tr>
<td>Major Producers:</td>
<td></td>
</tr>
<tr>
<td>Aquaculture</td>
<td>Pampanga (41.4%), Batangas (24.7%)</td>
</tr>
<tr>
<td>Municipal</td>
<td>Maguindanao (19.0%), Laguna (18.3%), North Cotabato (13.6%)</td>
</tr>
</tbody>
</table>

#### SHARE IN GROSS OUTPUT IN AGRICULTURE

1.63%

#### AVERAGE COST OF PRODUCTION PER KILOGRAM

P47.53

#### PRICE

- Farmgate: P69.07/kg.
- Wholesale: P81.48/kg.
- Retail: P106.89/kg.

#### EXPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilapia, frozen (including liver &amp; roes)</td>
<td>53.70 m.t.</td>
<td>P5.77 million</td>
</tr>
<tr>
<td>Major Markets:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA (74.9%), Korea (25.1%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tilapia fillet, frozen</td>
<td>6.75 m.t.</td>
<td>P0.27 million</td>
</tr>
<tr>
<td>Major Market:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Korea (100.0%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### IMPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilapia, frozen (excluding liver &amp; roes)</td>
<td>5.14 m.t.</td>
<td>P0.45 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>China (100.0%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tilapia fillet, frozen</td>
<td>31.88 m.t.</td>
<td>P4.42 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>China (52.0%), Vietnam (48.0%)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### DOMESTIC UTILIZATION

<p>| Volume (Net Food Disposable):    | 291,677 m.t. |
| Value:                           | P31,177.35 million |</p>
<table>
<thead>
<tr>
<th>Product Description</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milkfish fillets, fresh/chilled</td>
<td>7.17 m.t.</td>
<td>P1.04 million</td>
<td>UAE (100.0%)</td>
</tr>
<tr>
<td>Milkfish, smoked, including fillet</td>
<td>2.96 m.t.</td>
<td>P0.78 million</td>
<td>Canada (73.9%), Singapore (24.8%)</td>
</tr>
<tr>
<td>Milkfish live, other than for breeding</td>
<td>4.83 m.t.</td>
<td>P0.52 million</td>
<td>Hongkong (72.5%), USA (22.0%), Japan (14.9%), UAE (27.5%)</td>
</tr>
</tbody>
</table>

**Imports**

- Milkfish live
  - Volume: 5.67 m.t.
  - Value: P0.36 million
  - Major Supplier: Indonesia (90.3%)
PALAY/RICE

ARE
Historical Average (2007-2016): 4,554,407 has.
2016: 4,556,043 has.
Major Locations: Nueva Ecija (6.9%), Isabela (6.1%), Pangasinan (5.7%)

PRODUCTION (Palay)
Historical Average (2007-2016): 17,299,539 m.t.
2016: 17,627,245 m.t.
Value: P304,598.79 million
Major Producers: Nueva Ecija (9.6%), Isabela (6.9%), Pangasinan (6.3%)

YIELD
Historical Average (2007-2016): 3.80 m.t./ha.
2016: 3.87 m.t./ha.
Provinces with Highest Yield: Nueva Ecija (5.37 m.t./ha.), Ilocos Norte (4.70 m.t./ha.), Biliran (4.60 m.t./ha.)

SHARE IN GROSS OUTPUT
IN AGRICULTURE 18.92%

PRICE
Farmgate (Palay): Fancy, dry (P19.07/kg.), Other variety, dry (P17.43/kg.)
Wholesale (Rice): Special (P45.53/kg.), Premium (P42.30/kg.), Well milled (P37.83/kg.), Regular milled (P33.69/kg.)
Retail (Rice): Special (P50.92/kg.), Premium (P45.89/kg.), Well milled (P41.72/kg.), Regular milled (P36.67/kg.)

AVERAGE COST OF PRODUCTION
PER KILOGRAM
All types (P12.31), Irrigated (P12.05), Non-irrigated (P13.39)

EXPORTS
Rice in the husk
Volume: 979 kgs.
Value: P0.32 million
Major Markets: Vietnam (67.9%), Ivory Coast (20.4%), Indonesia (11.6%)

Glutinous rice
Volume: 101.50 m.t.
Value: P6.78 million
Major Markets: UAE (69.7%), USA (30.3%)

Pre-cooked rice
Volume: 14.19 m.t.
Value: P1.85 million
Major Markets: UAE (71.0%), Australia (19.6%)

Rice flour
Volume: 188.24 m.t.
Value: P7.95 million
Major Markets: UAE (73.9%), Qatar (17.6%), Canada (8.5%)

Rice husked
Volume: 53.37 m.t.
Value: P6.26 million
Major Markets: UAE (66.3%), Qatar (32.3%)

MILKFISH

PRODUCTION
Historical Average (2007-2016): 379,419 m.t.
2016: 402,655 m.t.
Aquaculture 398,088 m.t.
Municipal 4,567 m.t.
Value: P35,386.90 million
Major Producers: Pangasinan (26.8%), Quezon (8.4%), Capiz (7.8%)

SHARE IN GROSS OUTPUT
IN AGRICULTURE 2.91%

PRICE
Farmgate: P87.88/kg.
Wholesale: P104.47/kg.
Retail: P126.47/kg.

AVERAGE COST OF PRODUCTION
PER KILOGRAM
P37.17

EXPORTS
Milkfish, fresh or chilled
Volume: 73.04 m.t.
Value: P9.43 million
Major Markets: UAE (58.4%), Guam (22.6%), Taiwan (98.5%), Hongkong (18.5%)

Milkfish fillets, frozen
Volume: 1.44 m.t.
Value: P0.28 million
Major Markets: UAE (69.5%), Canada (30.5%), Taiwan (100.0%)

Milkfish fillets, dried, salted/not in brine
Volume: 55.88 m.t.
Value: P14.42 million
Major Markets: Canada (60.4%), UAE (10.6%), Korea (99.6%), Guam (12.1%), USA (10.6%)

Milkfish, excluding livers and roes, frozen
Volume: 3,219.16 m.t.
Value: P723.11 million
Major Markets: USA (69.9%), Canada (15.0%), UAE (10.0%), Australia (19.6%)
### ROUNDSCAD

#### PRODUCTION

<table>
<thead>
<tr>
<th></th>
<th>2007-2016</th>
<th>2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historical Average</td>
<td>256,758 m.t.</td>
<td>211,777 m.t.</td>
</tr>
<tr>
<td><strong>Commercial</strong></td>
<td>156,187 m.t.</td>
<td></td>
</tr>
<tr>
<td><strong>Municipal</strong></td>
<td>55,589 m.t.</td>
<td></td>
</tr>
</tbody>
</table>

**Value:** P11,811.63 million

**Major Producers:**
- **Commercial**: Metro Manila (34.8%), Sulu (8.9%), Camarines Sur (6.3%), South Cotabato (5.9%)
- **Municipal**: Zamboanga City (8.0%), Negros Occidental (5.5%), Sulu (5.3%)

#### SHARE IN GROSS OUTPUT

**IN AGRICULTURE:** 1.19%

#### PRICE

<table>
<thead>
<tr>
<th>Type</th>
<th>Farmgate</th>
<th>Wholesale</th>
<th>Retail</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Farmgate</strong></td>
<td>P55.77/kg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Wholesale</strong></td>
<td>P90.39/kg.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Retail</strong></td>
<td>P116.59/kg.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### EXPORTS

<table>
<thead>
<tr>
<th><strong>Roundscad, frozen (excluding livers and roes)</strong></th>
<th><strong>Salted not dried or smoked fish in brine</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volume</strong></td>
<td>78.70 m.t.</td>
</tr>
<tr>
<td><strong>Value</strong></td>
<td>P122.21 million</td>
</tr>
<tr>
<td><strong>Major Market</strong></td>
<td>USA (99.3%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Roundscad, smoked, including fillet</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volume</strong></td>
</tr>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td><strong>Major Market</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Roundscad, dried, wtr/not salted</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volume</strong></td>
</tr>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td><strong>Major Market</strong></td>
</tr>
</tbody>
</table>

#### IMPORTS

<table>
<thead>
<tr>
<th><strong>Roundscad, frozen (excluding livers and roes)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volume</strong></td>
</tr>
<tr>
<td><strong>Value</strong></td>
</tr>
<tr>
<td><strong>Major Suppliers</strong></td>
</tr>
</tbody>
</table>

#### DOMESTIC UTILIZATION

| **Volume (Net Food Disposable)** | 138,411 m.t. |
| **Value**                        | P16,137.34 million |
| **Volume (Processing)**          | 67,769 m.t. |
| **Value**                        | P6,125.64 million |

...Continued

### Rice vermicelli

| **Volume** | 5,375.80 m.t. |
| **Value**  | P420.70 million |
| **Major Markets** | USA (25.9%), UAE (21.7%), Canada (15.9%) |

### Imports

**Rice in the husk**

| **Volume** | 12,222.26 m.t. |
| **Value**  | P1,899.62 million |
| **Major Suppliers** | China (50.4%), India (48.7%), Vietnam (99.9%) |

**Glutinous rice and fragrant rice**

| **Volume** | 6,606.02 m.t. |
| **Value**  | P143.19 million |
| **Major Suppliers** | China (55.6%), Malaysia (26.1%), USA (17.7%) |

**Rice vermicelli, uncooked**

| **Volume** | 1,577.76 m.t. |
| **Value**  | P388.58 million |
| **Major Suppliers** | China (83.3%), Malaysia (29.7%), China (26.1%), USA (17.7%) |

### Rice preparations/pre-cooked rice

**Basmati rice**

| **Volume** | 38.65 m.t. |
| **Value**  | P1.90 million |
| **Major Suppliers** | India (51.7%), Pakistan (48.3%), Vietnam (9.8%) |

**Rice flour**

| **Volume** | 11,746.02 m.t. |
| **Value**  | P482.41 million |
| **Major Suppliers** | Thailand (89.6%), Vietnam (9.8%) |

**Groats and meal of rice**

| **Volume** | 18.04 m.t. |
| **Value**  | P0.46 million |
| **Major Suppliers** | USA (100.0%) |

**Other rice**

| **Volume** | 590,450.20 m.t. |
| **Value**  | P11,195.09 million |
| **Major Suppliers** | Vietnam (61.4%), Thailand (37.8%) |

**Rice husked**

| **Volume** | 46.47 m.t. |
| **Value**  | P3.61 million |
| **Major Supplier** | USA (100%) |

### Domestic Utilization (Rice)

| **Volume (Net Food Disposable)** | 11,134,000 m.t. |
| **Value**                        | P487,669.20 million |
| **Volume (Processing)**          | 461,000 m.t. |
| **Value**                        | P18,366.24 million |
CORN

AREA
Historical Average (2007-2016): 2,585,235 has.
2016: 2,484,465 has.
Major Locations: Isabela (10.1%), Bukidnon (7.5%), Maguindanao (6.2%)

PRODUCTION (Matured Corn)
Historical Average (2007-2016): 7,133,975 m.t.
2016: 7,218,817 m.t.
Value: P85,326.41 million
Major Producers: Isabela (14.5%), Bukidnon (11.1%), South Cotabato (6.3%)

YIELD
Historical Average (2007-2016): 2.76 m.t./ha.
2016: 2.91 m.t./ha.
Provinces with Highest Yield: Tarlac (6.06 m.t./ha.), Pangasinan (5.88 m.t./ha.), Pampanga (5.66 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE
6.10%

PRICE
Farmgate:
Corngrain white (P12.30/kg.), Corngrain yellow (P11.78/kg.),
Green corn white (P16.19/kg.), Green corn yellow (P47.45/kg.)
Wholesale:
Corngrain white (P13.10/kg.), Corngrain yellow (P15.63/kg.),
Corngrits white (P23.18/kg.), Corngrits yellow (P21.07/kg.)
Retail:
Corngrain white (P22.77/kg.), Corngrain yellow (P20.36/kg.),
Corngrits white (P27.19/kg.), Corngrits yellow (P25.76/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
All types (P7.67), White (P8.64), Yellow (P9.98)

EXPORTS

Maize, seed
Volume: 342.21 m.t.
Value: P50.41 million
Major Markets: Vietnam (99.8%)

Rolled or flaked maize
Volume: 103.65 m.t.
Value: P2.22 million
Major Markets: Hong Kong (81.3%), Vietnam (18.7%)

Groats and meal of maize
Volume: 90.09 m.t.
Value: P4.02 million
Major Markets: Vietnam (82.7%), Canada (17.3%)

Sweet corn, frozen
Volume: 4.33 m.t.
Value: P1.33 million
Major Markets: Saudi Arabia (51.0%), Thailand (100.0%),
Australia (49.0%)

Sweet corn, prepared/preserved or in powder
Volume: 9.06 m.t.
Value: P2.35 million
Major Markets: Saudi Arabia (51.0%), Thailand (100.0%),
Australia (49.0%)

Corn syrup
Volume: 6.88 m.t.
Value: P2.374.50
Major Markets: Japan (26.3%),
Taiwan (25.6%),
Australia & New Zealand (23.8%)
**DUCK EGGS**

**PRODUCTION**
- Historical Average (2007-2016): 41,241 m.t.
- 2016: 44,160 m.t.
- Value: P4,083.48 million
- Major Producers: Bulacan (18.2%), Nueva Ecija (9.4%), Bukidnon (8.9%), Pampanga (7.1%), Negros Occidental (4.4%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
0.25%

**PRICE**
- Farmgate: Backyard (P88.20/kg.), Commercial (P97.35/kg.)
- Retail: P114.30/kg.

**EXPORTS**
- **Duck's eggs, preserved or cooked**
  - Volume: 26.10 m.t.
  - Value: P0.31 million
  - Major Market: Guam (100.0%)

- **Partly incubated duck eggs**
  - Volume: 17.11 m.t.
  - Value: P0.42 million
  - Major Markets: Guam (67.6%), Japan (32.4%)

**IMPORTS**
None

**DOMESTIC UTILIZATION**
- Volume (Net Food Disposable): 41,511 m.t.
- Value: P4,744.71 million
- Volume (Processing): 883 m.t.
- Value: P17,547.55 million

...Continued

**MAIZE**

**IMPORTS**
- Maize, other than seed
  - Volume: 4.71 m.t.
  - Value: P0.47 million
  - Major Markets: UAE (91.3%), Vietnam (7.6%)

- Maize, seed
  - Volume: 17,537.76 m.t.
  - Value: P457.64 million
  - Major Suppliers: India (92.1%)

- Maize, fresh or chilled on the cob
  - Volume: 9.84 m.t.
  - Value: P0.50 million
  - Major Suppliers: USA (75.1%), Italy (19.4%)

- Maize, pop corn
  - Volume: 14,382.37 m.t.
  - Value: P420.27 million
  - Major Suppliers: China (92.6%), France (82.2%)

- Maize starch
  - Volume: 28,694.73 m.t.
  - Value: P556.30 million
  - Major Suppliers: Indonesia (61.8%), Republic of Korea (29.5%)

- Maize oil & its fractions
  - Volume: 6.34 m.t.
  - Value: P0.53 million
  - Major Suppliers: USA (100.0%)

- Other work grains of maize
  - Volume: 1,489.53 m.t.
  - Value: P22.18 million
  - Major Suppliers: Sweden (35.1%), Malaysia (39.2%), Singapore (39.2%)

- Maize flour
  - Volume: 815.45 m.t.
  - Value: P22.18 million
  - Major Suppliers: China (55.3%), Malaysia (16.9%), Hong Kong (16.5%)

- Maize, other than seed
  - Volume: 4.71 m.t.
  - Value: P0.47 million
  - Major Markets: UAE (91.3%), Vietnam (7.6%)

**DOMESTIC UTILIZATION**
- Volume (Net Food Disposable): 2,325,000 m.t.
- Value: P55,846.50 million
- Volume (Processing): 963,000 m.t.
- Value: P17,547.55 million

**2016 COMMODITY FACT SHEET**

PHILIPPINE STATISTICS AUTHORITY
**DUCK**

**POPULATION**

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>10,225,897 birds</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td>10,518,539 birds</td>
</tr>
<tr>
<td>Value:</td>
<td>P1,027.06 million</td>
</tr>
<tr>
<td>Major Locations:</td>
<td>Bulacan (11.6%), Pampanga (8.4%), Sultan Kudarat (5.4%), Iloilo (5.1%), Isabela (4.7%)</td>
</tr>
</tbody>
</table>

**DRESSED**

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>15,186,799 birds</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td>16,292,750 birds</td>
</tr>
<tr>
<td>Value:</td>
<td>P1,590.87 million</td>
</tr>
</tbody>
</table>

**PRODUCTION**

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>35,279 m.t</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td>32,216 m.t</td>
</tr>
<tr>
<td>Value:</td>
<td>P2,695.83 million</td>
</tr>
<tr>
<td>Major Producers:</td>
<td>Bulacan (14.6%), Nueva Ecija (8.9%), Pampanga (6.9%), Tarlac (6.7%), Iloilo (6.2%)</td>
</tr>
</tbody>
</table>

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

0.22%

**PRICE**

| Farmgate: | Backyard (P101.59/kg.), Commercial (P48.62/kg.) |

**EXPORTS**

<table>
<thead>
<tr>
<th>Fresh/frozen meat</th>
<th>Duck feathers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 26.76 m.t.</td>
<td>920 kgs.</td>
</tr>
<tr>
<td>Value: P0.83 million</td>
<td>P118,725</td>
</tr>
<tr>
<td>Major Market: Vietnam (100.0%)</td>
<td>USA (100.0%)</td>
</tr>
</tbody>
</table>

**IMPORTS**

<table>
<thead>
<tr>
<th>Fresh/frozen meat &amp; offals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 215.66 m.t.</td>
</tr>
<tr>
<td>Value: P34.78 million</td>
</tr>
<tr>
<td>Major Supplier: USA (89.7%)</td>
</tr>
</tbody>
</table>

**DOMESTIC UTILIZATION**

| Volume (Net Food Disposable): 24,349 m.t. |


**CHICKEN**

**POPULATION**

**Historical Average (2007-2016):** 162,388,398 birds

**2016:** 178,792,807 birds

**Value:** P21,323.28 million

**Major Locations:** Batangas (8.3%), Pampanga (5.2%), Nueva Ecija (4.9%), Bukidnon (4.6%), Negros Occidental (4.4%)

**DRESSED**

**Historical Average (2007-2016):** 862,776,267 birds

**2016:** 1,051,201,572 birds

**Value:** P125,368.93 million

**Major Dressing Plants:** Bulacan (13.5%), Misamis Oriental (9.9%), Batangas (6.7%), Davao City (5.8%), Cebu (5.8%)

**PRODUCTION**

**Historical Average (2007-2016):** 1,450,286 m.t.

**2016:** 1,674,505 m.t.

**Value:** P149,801.22 million

**Major Producers:** Pampanga (9.9%), Bulacan (8.5%), Nueva Ecija (6.9%), Batangas (6.1%), Tarlac (5.7%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

12.15%

**PRICE**

Farmgate:

- Broiler, backyard (P96.61/kg.), Native, improved (P132.11/kg.), Broiler, commercial (P82.25/kg.)

Wholesale:

- Matu 2020:

- Matured coconut (P23.78/pc.), Copra corriente (P25.59/kg.), Copra resecada (P34.06/kg.)

Retail:

- Matured coconut (P22.20/pc.)

**EXPORTS**

- **Live chicken**
  - Volume: 160,067 birds
  - Value: 2,398.58 m.t.

- **Frozen meat and offals**
  - Volume: 3,182.62 m.t.
  - Value: 54.63 m.t.

- **Coconut milk in liquid form**
  - Volume: 5,119.51 m.t.
  - Value: 755,611.31 m.t.

- **Coconut oil**
  - Volume: 755,611.31 m.t.
  - Value: 54,693.59 million

- **Coconut other than uncooked or cooked**
  - Volume: 1,861.23 m.t.
  - Value: 13,429.68 m.t.

- **Flour, meal and powder of coconut**
  - Volume: 27.80 m.t.
  - Value: 260.08 m.t.

- **Exports**
  - Volume: 1,589.77 m.t.
  - Value: 263.26 million

- **Imports**
  - Volume: 1,589.77 m.t.
  - Value: 263.26 million

- **Domestic Utilization**
  - Volume (Net Food Disposable): 1,522,741 m.t.
  - Value: 213,351.24 million

---

**COCONUT**

**AREA**

**Historical Average (2007-2016):** 3,498,967 has.

**2016:** 3,565,059 has.

**Major Locations:** Quezon (10.5%), Zamboanga del Norte (5.9%), Davao Oriental (4.0%)

**PRODUCTION (Nuts)**

**Historical Average (2007-2016):** 15,106,961 m.t.

**2016:** 13,825,080 m.t.

**Value:** P108,478.00 million

**Major Producers:** Quezon (9.6%), Maguindanao (5.1%), Zamboanga del Norte (4.8%)

**YIELD**

**Historical Average (2007-2016):** 44.67 kgs./bearing tree

**2016:** 40.82 kgs./bearing tree

**Provinces with Highest Yield:**

- Sultan Kudarat (96.53 kgs./bearing tree), Zamboanga City (92.16 kgs./bearing tree), Palawan (77.46 kgs./bearing tree)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

3.65%

**PRICE**

Farmgate:

- Matured coconut (P7.84/kg.), Coconut green young buko (P7.12/kg.), Copra corriente (P30.01/kg.), Copra resecada (P36.42/kg.)

Wholesale:

- Matured coconut (P23.78/pc.), Copra corriente (P25.59/kg.), Copra resecada (P34.06/kg.)

Retail:

- Matured coconut (P22.20/pc.)

**EXPORTS**

- **Coconut, desiccated**
  - Volume: 93,410.60 m.t.
  - Value: P9,374.76 million

- **Coconut, fresh young**
  - Volume: 3,182.62 m.t.
  - Value: P69.45 million

- **Coconut meat, grated**
  - Volume: 54.63 m.t.
  - Value: P7.68 million

- **Coconut milk in powder form**
  - Volume: 2,125.69 m.t.
  - Value: P496.91 million

- **Coconut milk in liquid form**
  - Volume: 5,119.51 m.t.
  - Value: P457.61 million

- **Coconut oil**
  - Volume: 755,611.31 m.t.
  - Value: P457.61 million

- **Coconut other than uncooked or cooked**
  - Volume: 1,861.23 m.t.
  - Value: P260.08 million

- **Flour, meal and powder of coconut**
  - Volume: 1,861.23 m.t.
  - Value: P260.08 million

- **Exports**
  - Volume: 1,589.77 m.t.
  - Value: P263.26 million

- **Imports**
  - Volume: 1,589.77 m.t.
  - Value: P263.26 million

- **Domestic Utilization**
  - Volume (Net Food Disposable): 1,522,741 m.t.
  - Value: P213,351.24 million
GOAT/CHEVON

POPULATION
Historical Average (2007-2016): 3,894,639 head
2016: 3,663,060 head
Value: P12,938.66 million
Major Locations: Cebu (6.1%), Negros Occidental (5.8%), Iloilo (5.5%), Pangasinan (5.2%)

SLAUGHTERED
Historical Average (2007-2016): 3,122,092 head
2016: 3,265,672 head
Value: P11,535.01 million
Major Locations: Cebu (34.8%), Negros Oriental (6.4%), Davao City (4.2%), Zamboanga del Sur (4.0)

PRODUCTION
Historical Average (2007-2016): 77,071 m.t.
2016: 77,454 m.t.
Value: P9,123.30 million
Major Producers: Pangasinan (9.0%), Cebu (6.9%), Tarlac (5.4%), North Cotabato (3.9%), Negros Oriental (3.8%)

SHARE IN GROSS OUTPUT
IN AGRICULTURE: 0.47%

PRICE
Farmgate: Slaughter (P117.74/kg.), Breeding (P102.70/kg.)

EXPORTS
Goat skin, raw
Volume: 40.40 m.t.
Value: P0.41 million
Major Market: Vietnam (100.0%)

IMPORTS
Processed/prepared meat
Volume: 1.38 m.t.
Value: P0.91 million
Major Supplier: USA (97.1%)

DOMESTIC UTILIZATION
Carcass
Volume (Net Food Disposable): 34,080 m.t.
Offals
Volume: 11,099 m.t.
Coconut fibers (coir) | Coconut chips | Coconut meat, grated |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 2,334.97 m.t.</td>
<td>Value: P308.10 million</td>
<td>Major Supplier: Ecuador (96.2%)</td>
</tr>
<tr>
<td>Volume: 13.55 m.t.</td>
<td>Value: P1.49 million</td>
<td>Major Supplier: Thailand (100.0%)</td>
</tr>
</tbody>
</table>

Coconut other than uncooked or cooked by steaming

| Volume: 14.50 m.t. | Value: P2.70 million | Major Supplier: Thailand (100.0%) |

**DOMESTIC UTILIZATION**

Volume (Net Food Disposable): 688,911 m.t.
Value: P15,293.82 million

Volume (Processing): 12,992,826 m.t.
Value: P308,969.40 million

**Carcass**

Volume (Net Food Disposable): 195,785 m.t.
Value: P48,961.91 million

Volume (Processing): 15,849 m.t.
Value: P1,514.37 million

**Offals**

Volume: 23,969 m.t.
## CATTLE/BEEF

### POPULATION

| Historical Average (2007-2016): | 2,539,925 head |
| 2016: | 2,553,747 head |

| Value: | P97,604.21 million |
| Major Locations: | Pangasinan (5.3%), Batangas (5.3%), Cebu (4.5%), Isabela (4.5%), Bukidnon (3.5%) |

### SLAUGHTERED

| Historical Average (2007-2016): | 833,036 head |
| 2016: | 893,517 head |

| Value: | P34,150.22 million |
| Major Abbatoirs: | Metro Manila (7.6%), Cavite (6.1%), Cebu (5.0%), South Cotabato (3.7%), Rizal (3.6%) |

### PRODUCTION

| Historical Average (2007-2016): | 254,020 m.t. |
| 2016: | 270,415 m.t. |

| Value: | P25,878.72 million |
| Major Producers: | Bukidnon (6.1%), Batangas (5.9%), Pangasinan (5.5%), Cebu (4.4%), Misamis Oriental (3.8%) |

### SHARE IN GROSS OUTPUT IN AGRICULTURE

1.65%

### PRICE

**Farmgate:**
- Slaughter (P95.55/kg.), Fattening (P92.96/kg.), Breeding (P112.68/kg.)
- Beef lean meat (P250.08/kg.), Beef meat w/ bones (P194.81/kg.)

### EXPORTS

<table>
<thead>
<tr>
<th>Processed/ prepared meat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
</tr>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Major Markets:</td>
</tr>
</tbody>
</table>

### IMPORTS

<table>
<thead>
<tr>
<th>Carcass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
</tr>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Major Suppliers:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Offals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
</tr>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Major Suppliers:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Processed/prepared meat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
</tr>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Major Suppliers:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Live animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Value:</td>
</tr>
<tr>
<td>Major Markets:</td>
</tr>
</tbody>
</table>

## COFFEE

### AREA

| Historical Average (2007-2016): | 119,341 has. |
| 2016: | 114,839 has. |

| Major Locations: | Sultan Kudarat (17.4%), Bukidnon (7.9%), Cavite (7.2%) |

### PRODUCTION (Dried berries)

| Historical Average (2007-2016): | 85,900 m.t. |
| 2016: | 68,823 m.t. |

| Value: | P5,721.25 million |
| Major Producers: | Sultan Kudarat (30.7%), Davao del Sur (7.3%), Sulu (7.0%) |

### SHARE IN GROSS OUTPUT IN AGRICULTURE

0.32%

### PRICE

**Farmgate:**
- Arabica (P93.37/kg.), Excelsa (P76.29/kg.), Robusta (P77.16/kg.)

**Wholesale:**
- Arabica (P393.50/kg.)

### AVERAGE COST OF PRODUCTION PER KILOGRAM

P56.23

### EXPORTS

<table>
<thead>
<tr>
<th>Coffee, not roasted or not decaffeinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee, roasted or not decaffeinated not decaffeinated (unground)</td>
</tr>
</tbody>
</table>

| Volume: | 27.98 m.t. |
| Value: | P3.66 million |
| Major Market: | Nigeria (100.0%) |

<table>
<thead>
<tr>
<th>Extracts, essences and concentrates of instant coffee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee, roasted or not decaffeinated (ground)</td>
</tr>
</tbody>
</table>

| Volume: | 1,966.86 m.t. |
| Value: | P135.63 million |
| Major Markets: | Nigeria (61.9%), Uganda (8.2%) |

<table>
<thead>
<tr>
<th>Coffee not roasted, decaffeinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee, roasted, decaffeinated decaffeinated (ground)</td>
</tr>
</tbody>
</table>

| Volume: | 5.86 m.t. |
| Value: | P1.72 million |
| Major Markets: | Canada (52.9%), USA (42.0%), Singapore (100.0%) |
## IMPORTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (Net Food Disposable)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coffee, roasted, not decaffeinated (unground)</td>
<td>852.55 m.t.</td>
<td>P196.47 million</td>
</tr>
<tr>
<td>Coffee roasted, decaffeinated</td>
<td>59.14 m.t.</td>
<td>P10.27 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malaysia (41.9%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hongkong (33.7%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coffee not roasted, or decaffeinated</td>
<td>41,161.88 m.t.</td>
<td>P3,662.97 million</td>
</tr>
<tr>
<td>Value:</td>
<td></td>
<td>P82.70 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vietnam (94.2%)</td>
<td></td>
<td>Singapore (70.9%)</td>
</tr>
<tr>
<td>Coffee, roasted, decaffeinated (unground)</td>
<td>51.04 m.t.</td>
<td>P18.81 million</td>
</tr>
<tr>
<td>Coffee, roasted, decaffeinated (ground)</td>
<td>51.56 m.t.</td>
<td>P6.51 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malaysia (74.0%)</td>
<td></td>
<td>Malaysia (62.3%)</td>
</tr>
<tr>
<td>Coffee, other than roasted, not roasted</td>
<td>105.85 m.t.</td>
<td>P3.88 million</td>
</tr>
<tr>
<td>Exports, essences and concentrates of coffee</td>
<td>142,434.70 m.t.</td>
<td>P18,038.56 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hongkong (78.2%)</td>
<td></td>
<td>Indonesia (76.4%)</td>
</tr>
</tbody>
</table>

## DOMESTIC UTILIZATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (Net Food Disposable)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcass</td>
<td>1,618,941 m.t.</td>
<td>P305,316.08 million</td>
</tr>
<tr>
<td>Offals</td>
<td>464,525 m.t.</td>
<td>P2,137.35 million</td>
</tr>
</tbody>
</table>

## DOMESTIC UTILIZATION (Green beans)

<table>
<thead>
<tr>
<th>Description</th>
<th>Volume (Net Food Disposable)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>42,902 m.t.</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>13,898 m.t.</td>
<td></td>
</tr>
</tbody>
</table>
**HOG/PORK**

**POPULATION**
- Historical Average (2007-2016): 12,644,380 head
- 2016: 12,478,711 head
- Value: P94,478.82 million
- Major Locations: Bulacan (9.9%), Batangas (5.9%), Negros Occidental (4.0%), Bukidnon (3.8%), Tarlac (3.8%)

**SLAUGHTERED**
- Historical Average (2007-2016): 24,750,523 head
- 2016: 26,730,190 head
- Value: P202,379.61 million
- Major Abbatoirs: Metro Manila (10.6%), Cebu (6.7%), Cavite (6.2%), Pampanga (5.4%), Bulacan (5.0%)

**PRODUCTION**
- Historical Average (2007-2016): 1,982,766 m.t
- 2016: 2,231,660 m.t
- Value: P211,427.47 million
- Major Producers: Bulacan (11.8%), Batangas (7.5%), Bukidnon (4.4%), Cebu (4.0%), Tarlac (3.7%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 14.95%

**PRICE**
- Farmgate: Upgraded, for slaughter (P94.64/kg.), Upgraded, for breeding (P132.68/kg.)
- Retail: Pork lean meat (P188.59/kg.), Pork meat w/ bones (P169.01/kg.), Pork pata (P148.63/kg.)

**EXPORTS**
- Processed/prepared meat and offals
  - Volume: 2,500.94 m.t.
  - Value: P272.96 million
  - Major Markets: UAE (54.5%), Hongkong, China (16.1%)

**IMPORTS**
- Carcass: Volume: 75,525.48 m.t.
  - Value: P6,445.47 million
  - Major Suppliers: Germany (29.1%), Canada (25.2%), France (14.3%), USA (11.7%)
- Offals: Volume: 148,565.67 m.t.
  - Value: P8,823.74 million
  - Major Suppliers: Germany (22.6%), Spain (22.4%), USA (11.5%), France (9.9%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 2.24%

**PRICE**
- Farmgate: Centrifugal sugar (P34.88/kg.), Muscovado sugar (P42.01/kg.)
- Retail: Pork lean meat (P188.59/kg.), Pork meat w/ bones (P169.01/kg.), Pork pata (P148.63/kg.)

**EXPORTS**
- Processed/prepared meat and offals
  - Volume: 2,500.94 m.t.
  - Value: P272.96 million
  - Major Markets: UAE (54.5%), Hongkong, China (16.1%)

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**EXPORTS**
- Processed/prepared meat and offals
  - Volume: 2,500.94 m.t.
  - Value: P272.96 million
  - Major Markets: UAE (54.5%), Hongkong, China (16.1%)

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**EXPORTS**
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  - Volume: 2,500.94 m.t.
  - Value: P272.96 million
  - Major Markets: UAE (54.5%), Hongkong, China (16.1%)

**IMPORTS**
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  - Major Suppliers: Germany (29.1%), Canada (25.2%), France (14.3%), USA (11.7%)
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  - Major Suppliers: Germany (22.6%), Spain (22.4%), USA (11.5%), France (9.9%)
<table>
<thead>
<tr>
<th>Imports</th>
<th>Cane molasses</th>
<th>Centrifugal sugar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>484,505.24 m.t.</td>
<td>48,364.50 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P3,982.47 million</td>
<td>P1,070.53 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Indonesia (47.1%)</td>
<td>Thailand (100.0%)</td>
</tr>
<tr>
<td></td>
<td>Thailand (21.6%)</td>
<td></td>
</tr>
</tbody>
</table>

**Domestic Utilization**

- Volume (Net Food Disposable): 223,704 m.t.
- Volume (Processing): 22,146,841 m.t.
### ROSES

<table>
<thead>
<tr>
<th>Category</th>
<th>Historical Average (2007-2016)</th>
<th>2016</th>
<th>Major Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area</strong></td>
<td>268 has.</td>
<td>269 has.</td>
<td>Benguet (17.5%), Cebu (13.0%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Historical Average (2007-2016)</th>
<th>2016</th>
<th>Major Producers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Production</strong></td>
<td>2,351 m.t.</td>
<td>2,232 m.t.</td>
<td>Benguet (57.5%), Cebu (10.1%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Historical Average (2007-2016)</th>
<th>2016</th>
<th>Provinces with Highest Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yield</strong></td>
<td>8.79 m.t./ha.</td>
<td>8.30 m.t./ha.</td>
<td>Benguet (27.31 m.t./ha.), Nueva Vizcaya (22.83 m.t./ha.), La Union (11.67 m.t./ha.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Price</strong></td>
<td>Farmgate: P83.41/dozen</td>
</tr>
</tbody>
</table>

**Exports**: a/

**Imports**: b/

---

*a/ Included in cutflower exports
*b/ Included in cutflower imports
## BANANA

### AREA

**Historical Average (2007-2016):** 445,056 has.

2016: 442,865 has.

**Major Locations:** Davao del Norte (8.4%), Bukidnon (4.7%), Compostela Valley (4.2%)  

### PRODUCTION

**Historical Average (2007-2016):** 8,819,693 m.t.

2016: 8,903,684 m.t.

**Value:** P147,704.49 million

**Major Producers:** Davao del Norte (18.3%), Bukidnon (14.5%), Compostela Valley (9.3%)  

### YIELD

**Historical Average (2007-2016):** 31.97 kgs./bearing hill

2016: 31.30 kgs./bearing hill

**Provinces with Highest Yield:** Lanao del Sur (57.79 kgs./bearing hill), Western Samar (57.00 kgs./bearing hill), Davao del Sur (53.03 kgs./bearing hill)

### SHARE IN GROSS OUTPUT IN AGRICULTURE

4.84%  

### PRICE

**Farmgate:**

- Bungulan, green (P12.35/kg.), Lakatan, green (P20.10/kg.), Latundan, green (P12.53/kg.), Saba, green (P9.99/kg.)

**Wholesale:**

- Bungulan, ripe (P16.17/kg.), Lakatan, ripe (P42.70/kg.), Latundan, ripe (P25.20/kg.), Saba, ripe (P22.07/kg.)

**Retail:**

- Lakatan, ripe (P51.36/kg.), Latundan, ripe (P34.58/kg.), Saba, ripe (P27.70/kg.)

### EXPORTS

**Fresh**

- Volume: 1,733,836.32 m.t.
- Value: P34,684.96 million
- Major Markets: Japan (31.0%), China (25.7%), Korea (15.5%)  

**Flour, meal and powder of banana**

- Volume: 844.91 m.t.
- Value: P15.22 million
- Major Markets: Democratic People’s Rep. of Korea (20.4%)  

**Dried**

- Volume: 71.70 m.t.
- Value: P4.58 million
- Major Markets: Japan (63.7%), Korea (14.9%)  

**Preserved by sugar**

- Volume: 95.09 m.t.
- Value: P6.94 million
- Major Markets: USA (58.0%), Germany (25.3%)  

**Chips/crackers**

- Volume: 36,633.57 m.t.
- Value: P32,525.62 million
- Major Markets: USA (22.9%), China (17.8%), Germany (10.4%)  

**Ketchup**

- Volume: 6,697.08 m.t.
- Value: P361.22 million
- Major Markets: USA (36.4%), UAE (21.9%), Saudi Arabia (14.8%)  

## ORCHIDS

### AREA

**Historical Average (2007-2016):** 305 has.

2016: 295 has.

**Major Locations:** Bulacan (11.5%), Capiz (7.1%), Zamboanga del Sur (6.1%)  

### PRODUCTION

**Historical Average (2007-2016):** 1,634 m.t.

2016: 1,149 m.t.

**Major Producers:** Albay (27.0%), Davao del Sur (6.7%), Bulacan (5.0%)  

### YIELD

**Historical Average (2007-2016):** 5.38 m.t./ha.

2016: 3.89 m.t./ha.

**Provinces with Highest Yield:** Albay (51.60 m.t./ha.), La Union (18.44 m.t./ha.), Davao del Sur (16.09 m.t./ha.)  

### PRICE

**Farmgate:**

- Dendrobium (P266.80/dozen)

### EXPORTS

**Flour, meal and powder**

- Volume: 3.71 m.t.
- Value: P1.80 million
- Major Markets: Taiwan (33.2%), USA (30.5%), Germany (23.7%)  

**Orchids fresh**

- Volume: 119 kgs.
- Value: P63,636.60
- Major Market: Taiwan (100.0%)  

### IMPORTS

None
GLADIOLA

AREA
Historical Average (2007-2016): 134 has.
2016: 90 has.
Major Locations: Benguet (20.0%), Quezon (16.7%), Cebu (16.7%)

PRODUCTION
Historical Average (2007-2016): 1,025 m.t.
2016: 550 m.t.
Major Producers: Benguet (53.5%), Cebu (17.1%)

YIELD
Historical Average (2007-2016): 7.60 m.t./ha.
2016: 6.11 m.t./ha.
Provinces with Highest Yield: Benguet (16.35 m.t./ha.), Davao del Norte (9.20 m.t./ha.)

PRICE
Farmgate: P60.92/dozen

EXPORTS
a/

IMPORTS
b/

IMPORTS

Continued

GLADIOLA

AREA
Historical Average (2007-2016): 134 has.
2016: 90 has.
Major Locations: Benguet (20.0%), Quezon (16.7%), Cebu (16.7%)

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2016: 6.11 m.t./ha.
Provinces with Highest Yield: Benguet (16.35 m.t./ha.), Davao del Norte (9.20 m.t./ha.)

PRICE
Farmgate: P60.92/dozen

EXPORTS
a/

IMPORTS
b/ Included in cutflower imports

IMPORTS

Continued

<table>
<thead>
<tr>
<th>IMPORTS</th>
<th>Fresh</th>
<th>Dried</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>14.26 m.t.</td>
<td>7.38 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P0.75 million</td>
<td>P1.61 million</td>
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<tr>
<td>Major Supplier:</td>
<td>Japan (100.0%)</td>
<td>China (100.0%)</td>
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Ketchup

Volume: 513.86 m.t.
Value: P36.98 million
Major Suppliers: China (68.4%), Singapore (10.4%)

DOMESTIC UTILIZATION

<table>
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<tr>
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<th>Volume (Net Food Disposable):</th>
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<td>Production</td>
<td>4,947,204 m.t.</td>
<td>P187,400.09 million</td>
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<td>Processing</td>
<td>1,792,466 m.t.</td>
<td>P47,572.05 million</td>
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IMPORTS

Continued

GLADIOLA

AREA
Historical Average (2007-2016): 134 has.
2016: 90 has.
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PRODUCTION
Historical Average (2007-2016): 1,025 m.t.
2016: 550 m.t.
Major Producers: Benguet (53.5%), Cebu (17.1%)

YIELD
Historical Average (2007-2016): 7.60 m.t./ha.
2016: 6.11 m.t./ha.
Provinces with Highest Yield: Benguet (16.35 m.t./ha.), Davao del Norte (9.20 m.t./ha.)

PRICE
Farmgate: P60.92/dozen

EXPORTS
a/

IMPORTS
b/ Included in cutflower imports

IMPORTS

Continued

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---Continued---
**DURIAN**

**AREA**
- Historical Average (2007-2016): 17,759 has.
- 2016: 16,619 has.
- Major Locations:
  - Davao City (17.1%),
  - Davao del Norte (15.2%),
  - Compostela Valley (9.1%)

**PRODUCTION**
- Historical Average (2007-2016): 73,323 m.t.
- 2016: 71,444 m.t.
- Value: P3,007.08 million
- Major Producers:
  - Davao City (52.0%),
  - Davao del Norte (20.6%),
  - Sulu (8.7%)

**YIELD**
- Historical Average (2007-2016): 79.66 kgs./bearing tree
- 2016: 56.44 kgs./bearing tree
- Provinces with Highest Yield:
  - Sulu (159.79 kgs./bearing tree),
  - Nueva Vizcaya (128.55 kgs./bearing tree),
  - Zamboanga Sibugay (122.68 kgs./bearing tree)

**PRICE**
- Farmgate: P42.09/kg.

**AVG. COST OF PRODUCTION PER KILOGRAM**
- P22.24

**EXPORTS**
- Volume: 37.30 m.t.
- Value: P2.56 million
- Major Markets:
  - Sabah (37.6%), Singapore (29.6%),
  - Malaysia (16.6%)

**IMPORTS**
- None

**DOMESTIC UTILIZATION**
- Volume (Net Food Disposable): 67,123 m.t.

---

**CHRYSANTHEMUM**

**AREA**
- Historical Average (2007-2016): 247 has.
- 2016: 243 has.
- Major Locations:
  - Cebu (24.7%),
  - Benguet (22.6%),
  - South Cotabato (8.6%)

**PRODUCTION**
- Historical Average (2007-2016): 2,480 m.t.
- 2016: 2,292 m.t.
- Major Producers:
  - Benguet (51.7%), Cebu (30.4%)

**YIELD**
- Historical Average (2007-2016): 10.04 m.t./ha.
- 2016: 9.43 m.t./ha.
- Provinces with Highest Yield:
  - Benguet (21.57 m.t./ha.),
  - Davao del Norte (17.56 m.t./ha.),
  - Cebu (11.62 m.t./ha.)

**PRICE**
- Farmgate: P73.37/dozen

**EXPORTS**
- a/
- b/ Included in cutflower imports

**IMPORTS**
- a/ Included in cutflower exports
- b/ Included in cutflower imports
**ANTHURIUM**

**AREA**
- Historical Average (2007-2016): 148 has.
- 2016: 150 has.
- Major Locations: Laguna (21.3%), Benguet (8.0%), Southern Leyte (8.0%)

**PRODUCTION**
- Historical Average (2007-2016): 530 m.t.
- 2016: 516 m.t.
- Major Producers: Benguet (34.5%), Laguna (19.0%)

**YIELD**
- Historical Average (2007-2016): 3.58 m.t./ha.
- 2016: 3.44 m.t./ha.
- Provinces with Highest Yield: Benguet (14.81 m.t./ha.), Davao del Norte (8.28 m.t./ha.), Rizal (8.04 m.t./ha.)

**PRICE**
- Farmgate: PHP 74.14/dozen

**EXPORTS**
- Anthurium plant
  - Volume: 232 kgs.
  - Value: PHP 39,796.62
  - Major Market: Japan (100.0%)

**IMPORTS**
- None

---

**MANGO**

**AREA**
- 2016: 187,834 has.
- Major Locations: Davao del Sur (7.4%), Pangasinan (7.0%), Maguindanao (6.6%)

**PRODUCTION**
- Historical Average (2007-2016): 847,973 m.t.
- 2016: 814,055 m.t.
- Value: P23,200.54 million
- Major Producers: Pangasinan (19.2%), Zamboanga del Norte (9.3%), Cebu (5.0%)

**YIELD**
- Historical Average (2007-2016): 96.70 kgs./bearing tree
- 2016: 84.53 kgs./bearing tree
- Provinces with Highest Yield: Misamis Occidental (420.94 kgs./bearing tree), Pangasinan (360.09 kgs./bearing tree), Quezon (318.92 kgs./bearing tree)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 1.88%

**PRICE**
- Farmgate: Carabao, green (P38.92/kg.), Piko, green (P25.16/kg.), Indian green (P9.17/kg.)
- Wholesale: Carabao, ripe (P79.48/kg.), Carabao, green (P55.89/kg.)
- Retail: Carabao, ripe (P95.85/kg.), Piko ripe (P66.51/kg.)

**AVERAGE COST OF PRODUCTION PER KILOGRAM**
- P17.92

**EXPORTS**
- Fresh
  - Volume: 14,342.97 m.t.
  - Value: P632.52 million
  - Major Markets: Hongkong (75.7%), Korea (14.5%)

- Dried
  - Volume: 6,203.38 m.t.
  - Value: P1.654.20 million
  - Major Markets: USA (46.2%), Japan (17.0%), Hongkong (11.4%)

- Other than cooked/ uncooked by steaming or boiling in water
  - Puree
    - Volume: 733.42 m.t.
    - Value: P95.21 million
    - Major Markets: Hongkong (27.6%), Hongkong (16.8%), Japan (16.7%), China (18.9%), Korea (18.9%)

- Juice
  - Volume: 3,569.44 m.t.
  - Value: P1.37 million
  - Major Markets: China (86.8%)

- Prepared/preserved
  - Volume: 2,569.44 m.t.
  - Value: P1.73 million
  - Major Markets: USA (30.2%), Canada (29.9%)
**Imported Non-Food Commodities**

**Imports**

- **Dried Juice**
  - **Volume:** 385 kgs.
  - **Value:** P86,146.86
  - **Major Supplier:** Korea (93.2%)

- **Puree**
  - **Volume:** 42.98 m.t.
  - **Value:** P2.29 million
  - **Major Suppliers:** India (61.6%), Hongkong (24.5%)

- **Prepared/preserved Juice**
  - **Volume:** 9.79 m.t.
  - **Value:** P369,804.63
  - **Major Supplier:** USA (98.7%)

**Domestic Utilization**

- **Volume (Net Food Disposable):** 751,729 m.t.
- **Value:** P61,025.36 million

---

**Cutflowers*\**

**Area**

- **Historical Average (2007-2016):** 1,605 has.
- **2016:** 1,538 has.
- **Major Locations:** Benguet (10.5%), Cebu (9.0%), Laguna (8.3%)

**Production**

- **Historical Average (2007-2016):** 10,229 m.t.
- **2016:** 8,886 m.t.
- **Major Producers:** Benguet (37.5%), Cebu (12.5%), Laguna (9.9%)

**Yield**

- **Historical Average (2007-2016):** 6.38 m.t./ha.
- **2016:** 5.78 m.t./ha.
- **Provinces with Highest Yield:** Albay (28.78 m.t./ha.), Benguet (20.63 m.t./ha.), Pangasinan (13.10 m.t./ha.)

**Exports**

- **Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, fresh**
  - **Volume:** 270.69 m.t.
  - **Value:** P42.01 million
  - **Major Market:** Japan (98.5%)

- **Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, dried, dye, bleached & prepared**
  - **Volume:** 99.94 m.t.
  - **Value:** P2.67 million
  - **Major Suppliers:** Korea (93.2%), Iran (74.1%)

- **Imports**
  - **Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, fresh**
    - **Volume:** 21.11 m.t.
    - **Value:** P0.81 million
    - **Major Suppliers:** China (56.7%), India (42.8%)

  - **Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, dried, dye, bleached & prepared**
    - **Volume:** 242.68 m.t.
    - **Value:** P4.22 million
    - **Major Supplier:** China (95.4%)
PAPAYA

AREA
Historical Average (2007-2016): 8,509 has.
2016: 7,835 has.
Major Locations: South Cotabato (10.5%),
North Cotabato (5.6%), Misamis Oriental (4.9%)

PRODUCTION
Historical Average (2007-2016): 168,669 m.t.
2016: 162,481 m.t.
Value: P1,781.60 million
Major Producers: South Cotabato (32.4%),
Misamis Oriental (19.2%),
North Cotabato (4.2%)

YIELD
Historical Average (2007-2016): 31.63 kgs./bearing tree
2016: 32.48 kgs./bearing tree
Provinces with Highest Yield:
Cebu (102.35 kgs./bearing tree),
Camarines Norte (63.90 kgs./bearing tree),
Davao City (62.51 kgs./bearing tree)

PRICE
Farmgate:
Hawaiian (P6.19/kg.), Native (P7.65/kg.),
Sinta (P13.27/kg.), Solo (P16.75/kg.)
Wholesale:
Hawaiian (P10.21/kg.)
Retail:
Hawaiian (P15.38/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P7.18

EXPORTS
Fresh
Volume: 1,587.98 m.t.
Value: P87.77 million
Major Markets:
New Zealand (29.1%),
Japan (25.1%),
China (24.5%)

Prepared/preserved
Volume: 4.95 m.t.
Value: P576,623.58
Major Markets:
New Zealand (43.2%)

IMPORTS
Dried
Volume: 2.10 m.t.
Value: P484,398.00
Major Supplier:
Thailand (100.0%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 151,239 m.t.
Value: P2,326.06 million

PHILIPPINE STATISTICS AUTHORITY

PAPAYA

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Farmgate:
Hawaiian (P6.19/kg.), Native (P7.65/kg.),
Sinta (P13.27/kg.), Solo (P16.75/kg.)
Wholesale:
Hawaiian (P10.21/kg.)
Retail:
Hawaiian (P15.38/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P7.18

EXPORTS
Fresh
Volume: 1,587.98 m.t.
Value: P87.77 million
Major Markets:
New Zealand (29.1%),
Japan (25.1%),
China (24.5%)

Prepared/preserved
Volume: 4.95 m.t.
Value: P576,623.58
Major Markets:
New Zealand (43.2%)

IMPORTS
Dried
Volume: 2.10 m.t.
Value: P484,398.00
Major Supplier:
Thailand (100.0%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 151,239 m.t.
Value: P2,326.06 million

PHILIPPINE STATISTICS AUTHORITY
## Tobacco

### Area

- **Historical Average (2007-2016):** 30,425 has.
- **2016:** 32,501 has.
- **Major Locations:**
  - Ilocos Sur (43.0%)
  - Isabela (15.5%)
  - La Union (9.2%)

### Production

- **Historical Average (2007-2016):** 46,451 m.t.
- **2016:** 56,457 m.t.
- **Value:** P3,914.71 million

### Value

- **Major Producers:**
  - Ilocos Sur (41.3%)
  - Isabela (18.9%)
  - La Union (9.9%)

### Yield

- **Historical Average (2007-2016):** 1.52 m.t./ha.
- **2016:** 1.74 m.t./ha.

### Provinces with Highest Yield:

- South Cotabato (3.71 m.t./ha.)
- Bukidnon (3.30 m.t./ha.)
- Kalinga (3.22 m.t./ha.)

### Share in Gross Output in Agriculture

- **2016:** 0.33%

### Price

- **Farmgate:**
  - Burley, dry (73.10/kg.)
  - Native, dry (P187.35/kg.)
  - Virginia, dry (P61.51/kg.)

- **Wholesale:**
  - Hawaiian (P13.75/kg.)

- **Retail:**
  - Hawaiian (P18.23/kg.)

### Average Cost of Production per Kilogram

- **Fresh:** P1.99

### Exports

- **Manufactured tobacco (including cigarettes and cigarillos):**
  - **Volume:** 25,863.80 m.t.
  - **Value:** P7,654.40 million

- **Unmanufactured tobacco and refuse:**
  - **Volume:** 23,907.75 m.t.
  - **Value:** P3,554.71 million

### Imports

- **Manufactured tobacco (including cigarettes and cigarillos):**
  - **Volume:** 12,254.75 m.t.
  - **Value:** P4,079.69 million

- **Unmanufactured tobacco and refuse:**
  - **Volume:** 40,704.71 m.t.
  - **Value:** P7,964.22 million

### Domestic Utilization

- **Volume (Net Food Disposable):** 1,006,599 m.t.
- **Value:** P18,350.30 million

- **Volume (Processing):** 885,808 m.t.
- **Value:** P12,179.86 million
ABACA

AREA
Historical Average (2007-2016): 136,302 has.
2016: 134,427 has.
Major Locations: Catanduanes (18.9%), Northern Samar (8.9%), Leyte (6.1%)

PRODUCTION
Historical Average (2007-2016): 67,948 m.t.
2016: 71,840 m.t.
Value: P4,222.79 million
Major Producers: Catanduanes (37.4%), Northern Samar (10.1%), Surigao del Sur (6.2%)

YIELD
Historical Average (2007-2016): 0.50 m.t./ha.
2016: 0.53 m.t./ha.
Provinces with Highest Yield: Sultan Kudarat (2.63 m.t./ha.), Davao del Norte (1.75 m.t./ha.), Compostela Valley (1.14 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE
0.17%

PRICE
Farmgate: P58.80/kg.
Wholesale: Abaca unclassified (P59.80/kg.), Abaca handstripped (P57.36/kg.)

EXPORTS
Volume: Raw abaca 10,673 m.t.
Value: P961 million
Major Markets: UK of Great Britain (46.4%), Japan (37.3%), and Ireland (6.4%)

Abaca coasters
Volume: 1,326,856 pcs.
Value: P118.37 million
Major Markets: USA (50.8%), Japan (20.7%)

IMPORTS
Volume: Raw abaca 2,299.19 m.t.
Value: P301.35 million
Major Supplier: Ecuador (89.5%)

Abaca coasters
Volume: 44,014 pcs.
Value: P4.36 million
Major Supplier: China (78.9%)

DOMESTIC UTILIZATION
Volume: 63,466 m.t.
Value: P3,795.27 million

POMELO

AREA
Historical Average (2007-2016): 5,236 has.
2016: 5,049 has.
Major Locations: Davao City (16.3%), Zamboanga del Norte (5.8%), Cagayan (5.6%)

PRODUCTION
Historical Average (2007-2016): 32,299 m.t.
2016: 28,811 m.t.
Value: P904.38 million
Major Producers: Davao City (44.9%), Cagayan (8.0%), Isabela (7.9%)

YIELD
Historical Average (2007-2016): 63.67 kgs./bearing tree
2016: 58.25 kgs./bearing tree
Provinces with Highest Yield: Davao City (170.73 kgs./bearing tree), Abra (108.34 kgs./bearing tree), Isabela (94.53 kgs./bearing tree)

SHARE IN GROSS OUTPUT IN AGRICULTURE
0.17%

PRICE
Farmgate: P31.39/kg.

EXPORTS
Volume: Fresh Abaca pulp 30,102.87 m.t.
Value: P961 million
Major Markets: UK of Great Britain (46.4%), Ireland (36.9%), Netherlands (31.7%)

Abaca coasters
Volume: 112,851 pcs.
Value: P12.43 million
Major Markets: USA (80.8%)

IMPORTS
Volume: Raw abaca 2,299.19 m.t.
Value: P301.35 million
Major Supplier: Ecuador (89.5%)

Abaca coasters
Volume: 44,014 pcs.
Value: P4.36 million
Major Supplier: China (78.9%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 27,084 m.t.
## CALAMANSI

### AREA

| Historical Average (2007-2016): | 20,553 has. |
| 2016:                         | 19,824 has. |
| Major Locations:             | Mindoro Oriental (29.7%), Davao del Norte (6.5%) |

### PRODUCTION

| Historical Average (2007-2016): | 174,867 m.t. |
| 2016:                         | 118,248 m.t. |
| Value:                        | P2,003.29 million |
| Major Producers:             | Mindoro Oriental (34.8%), Zamboanga Sibugay (7.1%) |

### YIELD

| Historical Average (2007-2016): | 19.40 kgs./bearing tree |
| 2016:                         | 13.90 kgs./bearing tree |
| Provinces with Highest Yield: | Leyte (44.08 kgs./bearing tree), Zamboanga del Sur (41.57 kgs./bearing tree), Sarangani (34.34 kgs./bearing tree) |

### SHARE IN GROSS OUTPUT IN AGRICULTURE

0.15%

### PRICE

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Farmgate:</td>
<td>P19.94/kg.</td>
</tr>
<tr>
<td>Wholesale:</td>
<td>P36.72/kg.</td>
</tr>
<tr>
<td>Retail:</td>
<td>P50.28/kg.</td>
</tr>
</tbody>
</table>

### AVERAGE COST OF PRODUCTION PER KILOGRAM

P10.59

### EXPORTS

#### Fresh

| Volume          | 53.63 m.t. |
| Value:          | P1.76 million |
| Major Markets:  | UAE (38.3%), Hongkong (35.7%), Saudi Arabia (15.3%) |

#### Juice

| Volume:         | 974.02 m.t. |
| Value:          | P85.14 million |
| Major Market:   | Korea (76.6%) |

### IMPORTS

#### Juice

| Volume:       | 3.36 m.t. |
| Value:        | P80,353.08 |
| Major Supplier: | Korea (100.0%) |

### DOMESTIC UTILIZATION

| Volume (Net Food Disposable): | 111,102 m.t. |
| Value:                        | P5,586.21 million |
### CASHEW

#### AREA

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>28,171 has.</th>
<th>28,654 has.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major Location:</td>
<td>Palawan (10.1%), Alabang (6.6%), Bataan (6.1%)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Palawan (90.7%)</td>
<td></td>
</tr>
</tbody>
</table>

#### PRODUCTION

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>147,657 m.t.</th>
<th>216,398 m.t.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value:</td>
<td>P7,957.96 million</td>
<td>P670.18 million</td>
</tr>
<tr>
<td>Major Location:</td>
<td>Palawan (96.7%)</td>
<td></td>
</tr>
</tbody>
</table>

#### YIELD

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>39.95 kgs./bearing tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td>57.68 kgs./bearing tree</td>
</tr>
<tr>
<td>Provinces with Highest Yield:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Palawan (61.49 kgs./bearing tree), Bataan (57.58 kgs./bearing tree), Bulacan (51.30 kgs./bearing tree)</td>
</tr>
</tbody>
</table>

#### PRICE

- **Farmgate:** Nut without shell (P285.18/kg.), Nut without apple, with shell (P30.97/kg.)
- **Wholesale:**
- **Retail:**

#### AVERAGE COST OF PRODUCTION PER KILOGRAM

| 9.17 |

#### EXPORTS

- **Fresh/dried in shell**
- **Value:** P23.2 billion
- **Major Market:** Vietnam (100.0%)

#### IMPORTS

- **Fresh/dried nut, shelled**
- **Value:** P313.30 million
- **Major Supplier:** Vietnam (98.0%)

#### DOMESTIC UTILIZATION

- **Volume (Net Food Disposable):** 21,090 m.t.
- **Volume (Processing):** 53 m.t.
PILI NUT

AREA
Historical Average (2007-2016): 2,233 has.
2016: 2,281 has.
Major Locations: Sorsogon (60.1%), Albay (15.1%), Negros Occidental (9.2%)

PRODUCTION
Historical Average (2007-2016): 6,908 m.t.
2016: 7,291 m.t.
Value: P321.82 million
Major Producers: Sorsogon (54.6%), Albay (25.4%), Northern Samar (10.6%)

YIELD
Historical Average (2007-2016): 42.81 kgs./bearing tree
2016: 44.33 kgs./bearing tree
Provinces with Highest Yield: Northern Samar (127.24 kgs./bearing tree), Albay (73.11 kgs./bearing tree), Western Samar (67.49 kgs./bearing tree)

PRICE
Farmgate: With hull (P17.69/kg.), With shell (P44.14/kg.), Without shell (P358.29/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P9.19

EXPORTS

<table>
<thead>
<tr>
<th>Fresh/dried</th>
<th>Prepared/preserved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 30.49 m.t.</td>
<td>Value: P9.87 million</td>
</tr>
<tr>
<td>Value: P17.69/kg.</td>
<td>Major Markets: Germany (42.9%), Israel (21.0%), Korea (15.3%)</td>
</tr>
</tbody>
</table>

IMPORTS

<table>
<thead>
<tr>
<th>Potato starch</th>
<th>Flour, meal and powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 14,502.10 m.t.</td>
<td>Value: P510.99 million</td>
</tr>
<tr>
<td>Major Suppliers: Germany (38.0%), Denmark (22.3%), Netherlands (24.7%)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Potatoes, frozen</th>
<th>Flakes, granules &amp; pellets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 272.52 m.t.</td>
<td>Value: P13.60 million</td>
</tr>
<tr>
<td>Major Suppliers: China (95.9%)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Seed potatoes, fresh or chilled</th>
<th>Potato, prepared/preserved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 26.00 m.t.</td>
<td>Value: P1.18 million</td>
</tr>
<tr>
<td>Major Suppliers: Netherlands (100.0%)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Potato, fresh/chilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 20,246.47 m.t.</td>
</tr>
<tr>
<td>Major Suppliers: USA (62.4%), Germany (28.7%)</td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

Volume (Net Food Disposable): 7,198 m.t.
Volume (Processing): 18 m.t.
Value: P1,630.60 million

...Continued
# Potato

## Area
- **Historical Average (2007-2016):** 7,958 has.
- **2016:** 7,744 has.
- **Major Locations:** Benguet (64.3%), Davao del Sur (16.9%), Mountain Province (10.3%)

## Production
- **Historical Average (2007-2016):**
  - 2016: 119,591 m.t.
  - Value: P4,349.04 million
- **Major Producers:**
  - Benguet (76.0%), Mountain Province (9.5%), Davao del Sur (8.4%)

## Yield
- **Historical Average (2007-2016):**
  - 2016: 15.03 m.t./ha.
- **Provinces with Highest Yield:**
  - Camiguin (20.00 m.t./ha.), Benguet (17.82 m.t./ha.), Ifugao (14.00 m.t./ha.)

## Price
- **Farmgate:** P37.24/kg.
- **Wholesale:** P55.85/kg.
- **Retail:** P76.89/kg.

## Average Cost of Production per Kilogram
- P12.52

## Exports
<table>
<thead>
<tr>
<th>Product Type</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potato frozen</strong></td>
<td>19.35 m.t.</td>
<td>P0.41 million</td>
<td>USA (100.0%)</td>
</tr>
<tr>
<td><strong>Potato starch</strong></td>
<td>2,136.73 m.t.</td>
<td>P166.30 million</td>
<td>Myanmar (76.3%), Vietnam (19.1%)</td>
</tr>
<tr>
<td><strong>Flour, meal and powder</strong></td>
<td>135.62 m.t.</td>
<td>P2.61 million</td>
<td>Korea (77.2%), Taiwan (22.8%)</td>
</tr>
<tr>
<td><strong>Seed potatoes</strong></td>
<td>327 kgs.</td>
<td>P87,809.01</td>
<td>Canada (100.0%)</td>
</tr>
<tr>
<td><strong>Other potato products, ready to eat e.g. (chips, strings, strips)</strong></td>
<td>694 kgs.</td>
<td>P0.15 million</td>
<td>Canada (100.0%)</td>
</tr>
<tr>
<td><strong>Potato, fresh or chilled</strong></td>
<td>33.43 m.t.</td>
<td>P3.21 million</td>
<td>USA (39.6%), Guam (20.5%)</td>
</tr>
</tbody>
</table>
**ASPARAGUS**

**AREA**
- Historical Average (2007-2016): 444 has.
- 2016: 229 has.
- Major Location: South Cotabato (98.3%)

**PRODUCTION**
- Historical Average (2007-2016): 5,711 m.t.
- 2016: 2,172 m.t.
- Value: P139.44 million
- Major Producer: South Cotabato (99.7%)

**YIELD**
- Historical Average (2007-2016): 11.76 m.t./ha.
- 2016: 9.49 m.t./ha.
- Provinces with Highest Yield: Misamis Oriental (17.50 m.t./ha.), South Cotabato (9.62 m.t./ha.), Iloilo (5.68 m.t./ha.)

**PRICE**
- Farmgate: P64.20/kg.
- Wholesale: P193.42/kg.

**EXPORTS**
- Dried, whole, cut, sliced, broken or in powder
  - Volume: 395 kgs.
  - Value: P77,978.58
  - Major Market: USA (100.0%)

**IMPORTS**
- Prepared/preserved
  - Volume: 342.94 m.t.
  - Value: P5.43 million
  - Major Supplier: China (91.9%)

- Fresh or chilled
  - Value: P3,419.28

- Dried, whole, sliced/broken or powder form
  - Volume: 14.30 m.t.
  - Value: P3.94 million
  - Major Supplier: China (97.1%)

**DOMESTIC UTILIZATION**
- Volume (Net Food Disposable): 1,998 m.t.
### BLACK PEPPER

**AREA**
- Historical Average (2007-2016): 1,792 has.
- 2016: 1,662 has.
- Major Locations: Batangas (72.2%), Cavite (15.9%)

**PRODUCTION**
- Historical Average (2007-2016): 2,866 m.t.
- 2016: 1,436 m.t.
- Value: P592.06 million
- Major Producer: Batangas (77.1%)

**YIELD**
- Historical Average (2007-2016): 1.59 m.t./ha.
- 2016: 0.86 m.t./ha.
- Provinces with Highest Yield: Zamboanga Sibugay (7.20 m.t./ha.), Lanao del Sur (5.20 m.t./ha.), Marinduque (5.11 m.t./ha.)

**PRICE**
- Farmgate: P412.30/kg.
- Wholesale: P437.91/kg.

### CASSAVA

**AREA**
- Historical Average (2007-2016): 218,002 has.
- 2016: 229,769 has.
- Major Locations: Lanao del Sur (14.1%), Sulu (11.9%), Tawi-tawi (8.2%)

**PRODUCTION**
- Historical Average (2007-2016): 2,276,206 m.t.
- 2016: 2,755,146 m.t.
- Value: P17,384.97 million
- Major Producers: Lanao del Sur (18.0%), Bukidnon (16.9%), Basilan (9.0%)

**YIELD**
- Historical Average (2007-2016): 10.42 m.t./ha.
- 2016: 11.99 m.t./ha.
- Provinces with Highest Yield: South Cotabato (32.86 m.t./ha.), Misamis Oriental (26.86 m.t./ha.), Bukidnon (25.72 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 1.26%

**PRICE**
- Farmgate: P6.29/kg.
- Wholesale: P9.51/kg.

**AVERAGE COST OF PRODUCTION PER KILOGRAM**
- P2.86

**EXPORTS**
- Cassava, fresh, chilled, frozen
  - Volume: 641.01 m.t.
  - Value: P32.88 million
  - Major Markets: USA (64.7%), Canada (25.2%)
- Cassava starch
  - Volume: 3.03 m.t.
  - Value: P0.20 million
  - Major Markets: USA (65.5%), Australia (34.5%)

**IMPORTS**
- Flour, meal or powder
  - Volume: 98.92 m.t.
  - Value: P4.65 million
  - Major Market: USA (100.0%)

**DOMESTIC UTILIZATION**
- Volume (Net Food Disposable): 4,510 m.t.
CABBAGE

**AREA**
- Historical Average (2007-2016): 8,414 has.
- 2016: 8,018 has.
- Major Locations: Benguet (52.0%), Mountain Province (11.7%)

**PRODUCTION**
- Historical Average (2007-2016): 126,196 m.t.
- 2016: 123,080 m.t.
- Value: P2,606.84 million
- Major Producers: Benguet (66.4%), Mountain Province (10.1%), Cebu (5.0%), Bukidnon (4.4%)

**YIELD**
- Historical Average (2007-2016): 15.00 m.t./ha.
- 2016: 15.35 m.t./ha.
- Provinces with Highest Yield: Bohol (21.30 m.t./ha.), Sarangani (21.16 m.t./ha.), Albay (20.67 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 0.14%

**PRICE**
- Farmgate: P19.43/kg.
- Wholesale: P36.53/kg.
- Retail: P59.92/kg.

**AVERAGE COST OF PRODUCTION PER KILOGRAM**
- P8.38

**Exports**
- None

**Imports**
- Cabbage for sowing:
  - Volume: 46.55 m.t.
  - Value: P85.71 million
  - Major Supplier: Japan (97.6%)
- Fresh/chilled:
  - Volume: 594 kgs.
  - Value: P13,107.24
  - Major Supplier: Germany (100.0%)

**Domestic Utilization**
- Volume (Net Food Disposable): 113,205 m.t.
- Value: P6,783.24 million
### GARLIC

#### AREA
- **Historical Average (2007-2016):** 3,029 has.
- **2016:** 2,647 has.
- **Major Location:** Ilocos Norte (71.0%)

#### PRODUCTION
- **Historical Average (2007-2016):** 9,638 m.t.
- **2016:** 7,469 m.t.
- **Value:** P385.25 million
- **Major Producers:** Ilocos Norte (55.7%), Mindoro Occidental (22.3%)

#### YIELD
- **Historical Average (2007-2016):** 3.21 m.t./ha.
- **2016:** 2.82 m.t./ha.
- **Provinces with Highest Yield:** Mindoro Occidental (6.79 m.t./ha.), Nueva Vizcaya (6.36 m.t./ha.), Batangas (5.19 m.t./ha.)

#### SHARE IN GROSS OUTPUT IN AGRICULTURE
- **0.07%**

#### PRICE
- **Farmgate:** P78.66/kg.
- **Wholesale:** P136.58/kg.
- **Retail:** P187.25/kg.

#### AVERAGE COST OF PRODUCTION PER KILOGRAM
- **P38.32**

#### EXPORTS
- **Garlic powder**
  - **Volume:** 97.18 m.t.
  - **Value:** P25.91 million
  - **Major Market:** Thailand (100.0%)
- **Other than powder**
  - **Volume:** 78.80 m.t.
  - **Value:** P39.24 million
  - **Major Market:** Thailand (100.0%)

#### IMPORTS
- **Garlic powder**
  - **Volume:** 2,907.89 m.t.
  - **Value:** P305.08 million
  - **Major Supplier:** China (92.9%)
- **Other than powder**
  - **Volume:** 1,324.79 m.t.
  - **Value:** P121.52 million
  - **Major Supplier:** China (89.1%)

#### DOMESTIC UTILIZATION
- **Volume (Net Food Disposable):** 61,386 m.t.
- **Value:** P11,494.53 million

---

### DOMESTIC UTILIZATION

<table>
<thead>
<tr>
<th></th>
<th>In shell, suitable for sowing</th>
<th>In shell, other than for sowing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volume:</strong></td>
<td>1,333.06 m.t.</td>
<td>22,264.93 m.t.</td>
</tr>
<tr>
<td><strong>Value:</strong></td>
<td>P191.14 million</td>
<td>P263.82 million</td>
</tr>
<tr>
<td><strong>Major Suppliers:</strong></td>
<td>India (94.7%)</td>
<td>China (81.6%), India (10.8%)</td>
</tr>
</tbody>
</table>
ONION

AREA

Historical Average (2007-2016): 14,894 has.
2016: 12,988 has.
Major Locations: Nueva Ecija (46.9%),
Ilocos Norte (16.4%), Ilocos Sur (11.7%)

PRODUCTION

Historical Average (2007-2016): 143,243 m.t.
2016: 122,594 m.t.
Value: P4,355.76 million
Major Producers: Nueva Ecija (49.8%),
Ilocos Norte (15.7%), Ilocos Sur (12.4%)

YIELD

Historical Average (2007-2016): 9.60 m.t./ha.
2016: 9.44 m.t./ha.
Provinces with Highest Yield: Nueva Vizcaya (12.14 m.t./ha.),
Nueva Ecija (10.01 m.t./ha.),
Ilocos Sur (9.97 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE

0.22%

PRICE

Farmgate: White/Yellow granex (P33.71/kg.),
Bermuda red (P52.79/kg.), Native/Red shallot (25.13/kg.)
Wholesale: White/Yellow granex (P50.32/kg.),
Bermuda red (P73.59/kg.), Native/Red shallot (P78.13/kg.)
Retail: White/Yellow granex (P81.19/kg.),
Bermuda red (P96.81/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM

Multiplier (P10.95), Red (P15.65)

EXPORTS

Dried, whole, cut, sliced, broken in powder
Volume: 18.13 m.t.
Value: P11.18 million
Major Markets: China (84.3%),
Taiwan (15.4%)

Onion seeds for sowing
Volume: 2.88 m.t.
Value: P4.74 million
Major Markets: Kenya (69.4%),
Pakistan (13.9%)

IMPORTS

Onion seeds for sowing
Volume: 66.71 m.t.
Value: P80.03 million
Major Suppliers: South Africa (87.8%)
MONGO

AREA
Historical Average (2007-2016): 41,667 has.
2016: 41,349 has.
Major Locations: Isabela (30.6%), Ilocos Norte (11.4%), Tarlac (10.2%)

PRODUCTION
Historical Average (2007-2016): 31,099 m.t.
2016: 34,039 m.t.
Value: P1,627.33 million
Major Producers: Isabela (21.2%), Pangasinan (17.9%), Ilocos Norte (15.1%)

YIELD
Historical Average (2007-2016): 0.75 m.t./ha.
2016: 0.82 m.t./ha.
Provinces with Highest Yield: Surigao del Norte (2.28 m.t./ha.), Agusan del Norte (1.49 m.t./ha.), Pangasinan (1.45 m.t./ha.), Maguindanao (1.45 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE
0.10%

PRICE
Farmgate:
Green, labo (P53.93/kg.), Green, shiny (P49.86/kg.), Yellow, shiny (P61.94/kg.)
Wholesale:
Green (P64.43/kg.), Yellow (P87.91/kg.)
Retail:
Green (P84.60/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P22.74

EXPORTS
Shelled, other than for sowing
Volume: 2.86 m.t.
Value: P0.43 million
Major Market: Palau (94.9%)

IMPORTS
Shelled, for sowing
Volume: 60.00 kgs.
Value: P9,941.67
Major Supplier: India (100.0%)

Shelled, other than for sowing
Volume: 31,232.34 m.t.
Value: P993.73 million
Major Suppliers: Myanmar (48.8%), Indonesia (28.8%), Australia (13.8%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 64,756 m.t.
Value: P5,478.36 million

...Continued

Onions, preserved by sulphur dioxide
Dried, whole, sliced/broken/in powder form
Volume: 28.00 m.t.
Value: P0.25 million
Major Suppliers: China (100.0%)

Prepared, preserved by vinegar and acetic acid
Volume: 14.69 m.t.
Value: P0.63 million
Major Suppliers: Spain (66.3%), USA (32.2%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 234,240 m.t.
Value: P20,847.36 million
TOMATO

AREA

Historical Average (2007-2016): 17,175 has.
2016: 16,197 has.
Major Locations: Bukidnon (11.9%), Nueva Ecija (9.4%), Ilocos Norte (8.4%)

PRODUCTION

Historical Average (2007-2016): 204,270 m.t.
2016: 210,720 m.t.
Value: P3,310.44 million
Major Producers: Bukidnon (18.0%), Ilocos Norte (13.5%), Ilocos Sur (10.8%)

YIELD

Historical Average (2007-2016): 11.92 m.t./ha.
2016: 13.01 m.t./ha.
Provinces with Highest Yield: Bulacan (24.99 m.t./ha.), Zamboanga City (22.19 m.t./ha.), Quezon (22.04 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE

0.20%

PRICE

Farmgate: P16.48/kg.
Wholesale: P30.58/kg.
Retail: P46.44/kg.

AVERAGE COST OF PRODUCTION PER KILOGRAM

P7.30

EXPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomato paste</td>
<td>236 lbs.</td>
<td>P28,683.96</td>
<td>Canada (59.7%), Hong Kong (28.8%)</td>
</tr>
<tr>
<td>Tomato sauces</td>
<td>506.81 m.t.</td>
<td>P28,61 million</td>
<td>UAE (45.5%), USA (15.3%), China (6.7%)</td>
</tr>
<tr>
<td>Fresh or chilled</td>
<td>420 lbs.</td>
<td>P7,503.42</td>
<td>Korea (100.0%)</td>
</tr>
<tr>
<td>Seeds for sowing</td>
<td>487 lbs.</td>
<td>P8.39 million</td>
<td>India (57.9%), Indonesia (42.1%)</td>
</tr>
<tr>
<td>Tomato ketchup</td>
<td>233.27 m.t.</td>
<td>P11.01 million</td>
<td>USA (33.2%), Australia (17.6%), Saudi Arabia (16.0%)</td>
</tr>
<tr>
<td>Tomato puree</td>
<td>742 lbs.</td>
<td>P54,091.11</td>
<td>Japan (100.0%)</td>
</tr>
</tbody>
</table>

IMPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
<th>Major Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soybean powder</td>
<td>626.76 m.t.</td>
<td>P69.64 million</td>
<td>Malaysia (99.9%)</td>
</tr>
<tr>
<td>Soybean fats and oil</td>
<td>41,235.55 m.t.</td>
<td>P2,007.06 million</td>
<td>Malaysia (60.34%), Thailand (23.8%)</td>
</tr>
<tr>
<td>Soybean oil refined</td>
<td>7,166.66 m.t.</td>
<td>P370.84 million</td>
<td>Thailand (60.1%), Malaysia (24.8%)</td>
</tr>
<tr>
<td>Flour and meals</td>
<td>975.43 m.t.</td>
<td>P34.80 million</td>
<td>USA (59.2%), Argentina (17.9%), India (17.4%)</td>
</tr>
<tr>
<td>Soybean suitable for sowing</td>
<td>P1,119.79 m.t.</td>
<td>P93,591.37 million</td>
<td>USA (94.3%)</td>
</tr>
<tr>
<td>Soy sauce</td>
<td>5,365.54 m.t.</td>
<td>P8,39 million</td>
<td>Singapore (24.8%), China (23.9%), Vietnam (16.8%)</td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume (Net Food Disposable): 40,246 m.t.</th>
<th>Volume (Processing): 110,872 m.t.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomato paste</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soy sauce</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybean powder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybean fats and oil</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## SOYBEAN

### AREA

**Historical Average (2007-2016):** 553 has.

**2016:** 495 has.

**Major Locations:** Surigao del Sur (50.5%), Isabela (31.9%), Negros Oriental (4.9%)

### PRODUCTION

**Historical Average (2007-2016):** 719 m.t.

**2016:** 544 m.t.

**Value:** P12.66 million

**Major Producers:** Surigao del Sur (52.7%), Isabela (24.5%), Davao del Norte (8.1%)

### YIELD

**Historical Average (2007-2016):** 1.29 m.t./ha.

**2016:** 1.10 m.t./ha.

**Provinces with Highest Yield:** Davao del Norte (2.45 m.t./ha.), Negros Occidental (2.40 m.t./ha.), Lanao del Sur (2.17 m.t./ha.)

### PRICE

**Farmgate:** P23.28/kg.

### EXPORTS

**Soy sauce:**

- **Volume:** 6,211.97 m.t.
- **Value:** P212.29 million
- **Major Markets:** USA (34.6%), Canada (20.2%), UAE (11.0%)

**Soybean paste**

- **Volume:** 1.56 m.t.
- **Value:** P0.19 million
- **Major Markets:** USA (54.7%), Australia (45.3%)

**Soybean (tausi) prepared/preserved**

- **Volume:** 6.40 m.t.
- **Value:** P0.29 million
- **Major Markets:** UAE (85.3%)

**Flour and meal of soybeans**

- **Volume:** 516 kgs.
- **Value:** P41,411.28
- **Major Markets:** UAE (91.7%), USA (89.7%), Lebanon (10.3%)

**Dried bean curd and sticks**

- **Volume:** 2.52 m.t.
- **Value:** P0.86 million
- **Major Market:** Australia (97.9%)

### IMPORTS

**Tomatoes, prepared, whole or pieces**

- **Volume:** 4,191.22 m.t.
- **Value:** P120.64 million
- **Major Suppliers:** Italy (85.4%), Thailand (55.3%), USA (36.7%)

**Tomato seeds for sowing**

- **Volume:** 441 kgs.
- **Value:** P5.89 million
- **Major Suppliers:** Hongkong (50.6%), USA (49.7%), Thailand (49.2%), Italy (39.6%)

**Tomato sauces**

- **Volume:** 3,798.04 m.t.
- **Value:** P224.02 million
- **Major Suppliers:** USA (67.3%), China (83.4%), Indonesia (11.5%)

**Tomato ketchup**

- **Volume:** 29.661.11 m.t.
- **Value:** P1,265.01 million
- **Major Suppliers:** USA (16.1%), China (83.4%)

**Tomato juice unfermented**

- **Volume:** 229.84 m.t.
- **Value:** P10.68 million
- **Major Suppliers:** Austria (46.8%), China (85.0%)

**Tomato powder**

- **Volume:** 347.86 m.t.
- **Value:** P57.28 million
- **Major Supplier:** China (85.0%)

### DOMESTIC UTILIZATION

**Volume (Net Food Disposable):** 164,299 m.t.

- **Value:** P7,630.05 million

**Volume (Processing):** 31,608 m.t.

- **Value:** P966.57 million
## CARROT

| **AREA** | Historical Average (2007-2016): 4,890 ha.
| 2016: 4,607 ha.
| Major Location: Benguet (62.4%) |

| **PRODUCTION** | Historical Average (2007-2016): 67,892 mt.
| 2016: 65,987 mt.
| Value: P1,674.75 million
| Major Producer: Benguet (82.6%) |

| **YIELD** | Historical Average (2007-2016): 13.89 mt/ha.
| 2016: 14.32 mt/ha.
| Provinces with Highest Yield: Camiguin (20.00 mt/ha.), Benguet (18.95 mt/ha.), Mountain Province (11.50 mt/ha.) |

| **PRICE** | Farmgate: P25.38/kg.
| Wholesale: P45.16/kg.
| Retail: P71.73/kg. |

| **AVERAGE COST OF PRODUCTION PER KILOGRAM** | P6.77 |

| **EXPORTS** | None |

| **IMPORTS** | Fresh/chilled
| Volume: 2.24 mt.
| Value: P0.43 million
| Major Suppliers: USA (73.2%), France (26.8%) |

| Dried, whole, cut, sliced or in powder form
| Volume: 317.19 mt.
| Value: P31.54 million
| Major Supplier: China (96.5%) |

| Prepared or preserved
| Volume: 13.68 kgs.
| Value: P3,229.32
| Major Supplier: Australia (100.0%) |

| **DOMESTIC UTILIZATION** | Volume (Net Food Disposable): 60,710 mt.
| Value: P4,354.73 million |

## EGGPLANT

| **AREA** | Historical Average (2007-2016): 21,281 ha.
| 2016: 21,038 ha.
| Major Locations: Pangasinan (18.5%), Nueva Ecija (7.3%), Isabela (4.9%) |

| **PRODUCTION** | Historical Average (2007-2016): 215,278 mt.
| 2016: 235,626 mt.
| Value: P4,194.16 million
| Major Producers: Pangasinan (31.6%), Quezon (12.9%), Iloilo (5.4%) |

| **YIELD** | Historical Average (2007-2016): 10.12 mt/ha.
| 2016: 11.20 mt/ha.
| Provinces with Highest Yield: Quezon (36.57 mt/ha.), Pampanga (19.19 mt/ha.), Pangasinan (18.49 mt/ha.) |

| **SHARE IN GROSS OUTPUT IN AGRICULTURE** | 0.37% |

| **PRICE** | Farmgate: Long, purple (P19.39/kg.), Native, round (P24.23/kg)
| Wholesale: Long, purple (P31.53/kg.), Native, round (P30.07/kg)
| Retail: Long, purple (P45.07/kg.) |

| **AVERAGE COST OF PRODUCTION PER KILOGRAM** | P11.77 |

| **EXPORTS** | None |

| **IMPORTS** | None |

| **DOMESTIC UTILIZATION** | Volume (Net Food Disposable): 216,732 mt.
| Value: P9,768.11 million |
CARROT

AREA
Historical Average (2007-2016): 4,890 has.
2016: 4,607 has.
Major Location: Benguet (62.4%)

PRODUCTION
Historical Average (2007-2016): 67,892 m.t.
2016: 65,987 m.t.
Value: P1,674.75 million
Major Producer: Benguet (82.6%)

YIELD
Historical Average (2007-2016): 13.89 m.t./ha.
2016: 14.32 m.t./ha.
Provinces with Highest Yield: Camiguin (20.00 m.t./ha.), Benguet (18.95 m.t./ha.), Mountain Province (11.50 m.t./ha.)

PRICE
Farmgate: P25.38/kg.
Wholesale: P45.16/kg.
Retail: P71.73/kg.

AVERAGE COST OF PRODUCTION PER KILOGRAM
P6.77

EXPORTS
None

IMPORTS
Fresh/chilled
Volume: 2.24 m.t.
Value: P0.43 million
Major Suppliers: USA (73.2%), France (26.8%)

Dried, whole, cut, sliced or in powder form
Volume: 317.19 m.t.
Value: P31.54 million
Major Supplier: China (96.5%)

Prepared or preserved
Volume: 13.68 kgs.
Value: P3,229.32
Major Supplier: Australia (100.0%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 60,710 m.t.
Value: P4,354.73 million

EGGPLANT

AREA
Historical Average (2007-2016): 21,281 has.
2016: 21,038 has.
Major Locations: Pangasinan (18.5%), Nueva Ecija (7.3%), Isabela (4.9%)

PRODUCTION
Historical Average (2007-2016): 215,278 m.t.
2016: 235,626 m.t.
Value: P4,194.16 million
Major Producers: Pangasinan (31.6%), Quezon (12.9%), Iloilo (5.4%)

YIELD
Historical Average (2007-2016): 10.12 m.t./ha.
2016: 11.20 m.t./ha.
Provinces with Highest Yield: Quezon (36.57 m.t./ha.), Pampanga (19.19 m.t./ha.), Pangasinan (18.49 m.t./ha.)

PRICE
Farmgate: Long, purple (P19.39/kg.), Native, round (P24.23/kg)
Wholesale: Long, purple (P31.53/kg.), Native, round (P30.07/kg)
Retail: Long, purple (P45.07/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P11.77

EXPORTS
None

IMPORTS
None

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 216,732 m.t.
Value: P9,768.11 million
SOYBEAN

AREA
Historical Average (2007-2016): 553 has.
2016: 495 has.
Major Locations: Surigao del Sur (50.5%),
Isabela (31.9%),
Negros Oriental (4.9%)

PRODUCTION
Historical Average (2007-2016): 719 m.t.
2016: 544 m.t.
Value: P12.66 million
Major Producers: Surigao del Sur (52.7%),
Isabela (24.5%)
Davao del Norte (8.1%)

YIELD
Historical Average (2007-2016): 1.29 m.t./ha.
2016: 1.10 m.t./ha.
Provinces with Highest Yield:
Davao del Norte (2.45 m.t./ha.),
Negros Occidental (2.40 m.t./ha.),
Lanao del Sur (2.17 m.t./ha.)

PRICE
Farmgate: P23.28/kg.

EXPORTS
Volume: 6,211.97 m.t.
Value: P212.29 million
Major Markets: USA (34.6%),
Canada (20.2%),
UAE (11.0%)

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soy sauce</td>
<td>6,211.97 m.t.</td>
<td>P212.29 million</td>
<td>USA (34.6%), Canada (20.2%), UAE (11.0%)</td>
</tr>
<tr>
<td>Soybean paste</td>
<td>1.56 m.t.</td>
<td>P0.19 million</td>
<td>USA (54.7%), Australia (45.3%)</td>
</tr>
<tr>
<td>Soybean (tausi)</td>
<td>6.40 m.t.</td>
<td>P0.29 million</td>
<td>UAE (85.3%)</td>
</tr>
<tr>
<td>Dried bean curd and sticks</td>
<td>2.52 m.t.</td>
<td>P0.86 million</td>
<td>Australia (97.9%)</td>
</tr>
</tbody>
</table>

IMPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
<th>Major Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomatoes, prepared, whole or pieces</td>
<td>4,191.22 m.t.</td>
<td>P120.64 million</td>
<td>Italy (85.4%), Thailand (55.3%), USA (36.7%)</td>
</tr>
<tr>
<td>Prepared/preserved by vinegar</td>
<td>100.72 m.t.</td>
<td>P6.43 million</td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
<th>Major Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomato seeds for sowing</td>
<td>441 kgs.</td>
<td>P5.89 million</td>
<td>Hong Kong (50.6%), Thailand (49.2%)</td>
</tr>
<tr>
<td>Tomato sauces</td>
<td>1,056.47 m.t.</td>
<td>P50.35 million</td>
<td>USA (49.7%), Italy (39.6%)</td>
</tr>
<tr>
<td>Tomato ketchup</td>
<td>3,798.04 m.t.</td>
<td>P224.02 million</td>
<td>USA (67.3%), China (67.1%), Indonesia (11.5%)</td>
</tr>
<tr>
<td>Tomato powder unfermented</td>
<td>29,661.11 m.t.</td>
<td>P1,265.01 million</td>
<td>USA (16.1%)</td>
</tr>
<tr>
<td>Tomato paste</td>
<td>P5.52 m.t.</td>
<td>P0.19 million</td>
<td></td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

Volume (Net Food Disposable): 164,299 m.t.
Value: P7,630.05 million
Volume (Processing): 31,608 m.t.
Value: P966.57 million
**TOMATO**

**AREA**

<table>
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<tr>
<th>Historical Average (2007-2016):</th>
<th>17,175 has.</th>
</tr>
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<tbody>
<tr>
<td>2016:</td>
<td>16,197 has.</td>
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<td>Major Locations:</td>
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<td>Bukidnon (11.9%), Nueva Ecija (9.4%), Ilocos Norte (8.4%)</td>
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**PRODUCTION**

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**YIELD**

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<th>Historical Average (2007-2016):</th>
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<tbody>
<tr>
<td>2016:</td>
<td>13.01 m.t./ha.</td>
</tr>
<tr>
<td>Provinces with Highest Yield:</td>
<td></td>
</tr>
<tr>
<td>Bulacan (24.99 m.t./ha.), Zamboanga City (22.19 m.t./ha.), Quezon (22.04 m.t./ha.)</td>
<td></td>
</tr>
</tbody>
</table>

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

0.20%

**PRICE**

<table>
<thead>
<tr>
<th>Farmgate:</th>
<th>P16.48/kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wholesale:</td>
<td>P30.58/kg.</td>
</tr>
<tr>
<td>Retail:</td>
<td>P46.44/kg.</td>
</tr>
</tbody>
</table>

**AVERAGE COST OF PRODUCTION PER KILOGRAM**

P7.30

**EXPORTS**

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<th>Tomato sauces</th>
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<td>Volume:</td>
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<td>Value:</td>
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<td>Canada (59.7%), Hongkong (28.8%)</td>
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<th>Seeds for sowing</th>
</tr>
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<tr>
<td>Volume:</td>
<td>420 kgs.</td>
</tr>
<tr>
<td>Value:</td>
<td>P7,503.42</td>
</tr>
<tr>
<td>Major Markets:</td>
<td>Korea (100.0%)</td>
</tr>
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</table>

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<thead>
<tr>
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<th>Tomato puree</th>
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<td>Volume:</td>
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<td>P11.01 million</td>
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<tr>
<td>Major Markets:</td>
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</tbody>
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<th>Soya bean powder</th>
<th>Soya beans</th>
</tr>
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<tbody>
<tr>
<td>Volume:</td>
<td>626.76 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P69.64 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Malaysia (99.9%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soya bean oil refined</th>
<th>Flour and meals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>7,166.66 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P370.84 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Thailand (60.1%), Malaysia (24.8%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soybeanes suitable for sowing</th>
<th>Soy sauce</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>2,628,231.64 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P50,051.23 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>USA (71.2%), Argentina (27.5%)</td>
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<th>Soybean oil-cake</th>
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</tbody>
</table>

**IMPORTS**

<table>
<thead>
<tr>
<th>Soya bean powder</th>
<th>Soya beans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>626.76 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P69.64 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Malaysia (99.9%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soya bean oil refined</th>
<th>Flour and meals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>7,166.66 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P370.84 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Thailand (60.1%), Malaysia (24.8%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Soybeanes suitable for sowing</th>
<th>Soy sauce</th>
</tr>
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<table>
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<tr>
<td>Major Suppliers:</td>
<td>USA (71.2%), Argentina (27.5%)</td>
</tr>
</tbody>
</table>

**DOMESTIC UTILIZATION**

| Volume (Net Food Disposable): | 40,246 m.t. |
| Volume (Processing):          | 110,872 m.t. |
MONGO

AREA
Historical Average (2007-2016): 41,667 has.
2016: 41,349 has.
Major Locations: Isabela (30.6%), Ilocos Norte (11.4%), Tarlac (10.2%)

PRODUCTION
Historical Average (2007-2016): 31,099 m.t.
2016: 34,039 m.t.
Value: P1,672.33 million
Major Producers: Isabela (21.2%), Pangasinan (17.9%), Ilocos Norte (15.1%)

YIELD
Historical Average (2007-2016): 0.75 m.t./ha.
2016: 0.82 m.t./ha.
Provinces with Highest Yield: Surigao del Norte (2.28 m.t./ha.), Agusan del Norte (1.49 m.t./ha.), Pangasinan (1.45 m.t./ha.), Maguindanao (1.45 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE
0.10%

PRICE
Farmgate:
Green, labo (P53.93/kg.), Green, shiny (P49.86/kg.), Yellow, shiny (P61.94/kg.)
Wholesale:
Green (P64.43/kg.), Yellow (P87.91/kg.)
Retail:
Green (P84.60/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P22.74

EXPORTS
Shelled, other than for sowing
Volume: 2.86 m.t.
Value: P0.43 million
Major Market: Palau (94.9%)

IMPORTS
Shelled, for sowing
Volume: 60.00 kgs.
Value: P3,941.67
Major Supplier: India (100.0%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 64,756 m.t.
Value: P5,478.36 million

...Continued

Onions, preserved by sulphur dioxide
Volume: 28.00 m.t.
Value: P0.25 million
Major Suppliers: China (100.0%)

Prepared, preserved by vinegar and acetic acid
Volume: 14.69 m.t.
Value: P0.63 million
Major Suppliers: Spain (66.3%), USA (32.2%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 234,240 m.t.
Value: P20,847.36 million
### Onion

**Area**

- Major Locations: Nueva Ecija (46.9%), Ilocos Norte (16.4%), Ilocos Sur (11.7%)

**Production**

- Historical Average (2007-2016): 143,243 m.t.
- Value: P4,355.76 million
  - Major Producers: Nueva Ecija (49.8%), Ilocos Norte (15.7%), Ilocos Sur (12.4%)

**Yield**

- Historical Average (2007-2016): 9.60 m.t./ha.
- 2016: 9.44 m.t./ha.
  - Provinces with Highest Yield: Nueva Vizcaya (12.14 m.t./ha.), Nueva Ecija (10.01 m.t./ha.), Ilocos Sur (9.97 m.t./ha.)

**Share in Gross Output in Agriculture**: 0.22%

**Price**

- Farmgate: White/Yellow granex (P33.71/kg.), Bermuda red (P52.79/kg.), Native/Red shallot (25.13/kg.)
- Wholesale: White/Yellow granex (P50.32/kg.), Bermuda red (P73.59/kg.), Native/Red shallot (P78.13/kg.)
- Retail: White/Yellow granex (P81.19/kg.), Bermuda red (P96.81/kg.)

**Average Cost of Production per Kilogram**: Multiplier (P10.95), Red (P15.65)

**Exports**

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dried, whole, cut, sliced</td>
<td>18.13 m.t.</td>
<td>P1.18 million</td>
</tr>
<tr>
<td>Broken in powder</td>
<td></td>
<td>China (84.3%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Taiwan (15.4%)</td>
</tr>
<tr>
<td>Fresh or chilled</td>
<td>601.29 m.t.</td>
<td>P25.43 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Singapore (51.6%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indonesia (29.7%)</td>
</tr>
<tr>
<td>Onion seeds for sowing</td>
<td>2.88 m.t.</td>
<td>P4.74 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kenya (69.4%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pakistan (13.9%)</td>
</tr>
</tbody>
</table>

**Imports**

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onion seeds for sowing</td>
<td>66.71 m.t.</td>
<td>P80.03 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>South Africa (87.8%)</td>
</tr>
<tr>
<td>Fresh or chilled</td>
<td>135,295.59 m.t.</td>
<td>P1,056.63 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>India (48.3%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>China (41.7%)</td>
</tr>
</tbody>
</table>

### Peanut

**Area**

- Major Locations: Pangasinan (12.9%), La Union (8.4%), Iloilo (7.5%)

**Production**

- Value: P1,091.99 million
  - Major Producers: Pangasinan (19.2%), La Union (9.8%), Lanao del Norte (6.6%)

**Yield**

- Historical Average (2007-2016): 1.13 m.t./ha.
- 2016: 1.19 m.t./ha.
  - Provinces with Highest Yield: Zamboanga Sibugay (2.69 m.t./ha.), Davao City (2.23 m.t./ha.), Bataan (2.05 m.t./ha.)

**Share in Gross Output in Agriculture**: 0.06%

**Price**

- Farmgate: w/ shell, dry (P39.10/kg.), w/ shell, fresh (P31.33/kg.), w/o shell, dry (P75.02/kg.)
- Wholesale: w/ shell, dry (P75.42/kg.), w/o shell, dry (P72.28/kg.)
- Retail: w/ shell, dry (P63.96/kg.), w/o shell, dry (P92.30/kg.)

**Average Cost of Production per Kilogram**: P21.39

**Exports**

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peanut butter</td>
<td>42.19 m.t.</td>
<td>P9.91 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UAE (59.9%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hongkong (13.3%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Australia (9.1%)</td>
</tr>
</tbody>
</table>

**Imports**

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shelled nuts</td>
<td>49,938.24 m.t.</td>
<td>P647.20 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>India (60.2%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Argentina (16.7%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>China (16.4%)</td>
</tr>
</tbody>
</table>

**Oil and fractions**

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peanut butter</td>
<td>4,334.34 m.t.</td>
<td>P374.77 million</td>
</tr>
<tr>
<td></td>
<td></td>
<td>China (53.5%),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>USA (34.2%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>China (92.2%),</td>
</tr>
</tbody>
</table>
GARLIC

AREA
Historical Average (2007-2016): 3,029 has.
2016: 2,647 has.
Major Location: Ilocos Norte (71.0%)

PRODUCTION
Historical Average (2007-2016): 9,638 m.t.
2016: 7,469 m.t.
Value: P385.25 million
Major Producers: Ilocos Norte (55.7%), Mindoro Occidental (22.3%)

YIELD
Historical Average (2007-2016): 3.21 m.t./ha.
2016: 2.82 m.t./ha.
Provinces with Highest Yield: Mindoro Occidental (6.79 m.t./ha.), Nueva Vizcaya (6.36 m.t./ha.), Batangas (5.19 m.t./ha.)

SHARE IN GROSS OUTPUT IN AGRICULTURE
0.07%

PRICE
Farmgate: P78.66/kg.
Wholesale: P136.58/kg.
Retail: P187.25/kg.

AVERAGE COST OF PRODUCTION PER KILOGRAM
P38.32

EXPORTS
Garlic powder
Volume: 97.18 m.t.
Value: P25.91 million
Major Market: Thailand (100.0%)

Other than powder
Volume: 78.80 m.t.
Value: P39.24 million
Major Market: Thailand (100.0%)

IMPORTS
Garlic powder
Volume: 2,907.89 m.t.
Value: P305.08 million
Major Supplier: China (92.9%)

Other than powder
Volume: 1,324.79 m.t.
Value: P121.52 million
Major Supplier: China (89.1%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 61,386 m.t.
Value: P11,494.53 million
## CABBAGE

### AREA

| Historical Average (2007-2016): | 8,414 has. |
| 2016: | 8,018 has. |
| Major Locations: | Benguet (52.0%), Mountain Province (11.7%) |

### PRODUCTION

| Historical Average (2007-2016): | 126,196 m.t. |
| 2016: | 123,080 m.t. |
| Value: | P2,606.84 million |
| Major Producers: | Benguet (66.4%), Mountain Province (10.1%), Cebu (5.0%), Bukidnon (4.4%) |

### YIELD

| Historical Average (2007-2016): | 15.00 m.t./ha. |
| 2016: | 15.35 m.t./ha. |
| Provinces with Highest Yield: | Bohol (21.30 m.t./ha.), Sarangani (21.16 m.t./ha.), Albay (20.67 m.t./ha.) |

### SHARE IN GROSS OUTPUT IN AGRICULTURE

|  | 0.14% |

### PRICE

- Farmgate: P19.43/kg.
- Wholesale: P36.53/kg.
- Retail: P59.92/kg.

### AVERAGE COST OF PRODUCTION PER KILOGRAM

|  | P8.38 |

### EXPORTS

None

### IMPORTS

- **Cabbage for sowing**
  - Volume: 46.55 m.t.
  - Value: P85.71 million
  - Major Supplier: Japan (97.6%)
  - **Fresh/chilled**
    - Volume: 594 kgs.
    - Value: P13,107.24
    - Major Supplier: Germany (100.0%)
- **Cabbage, dried, whole, cut, sliced, broken or in powder**
  - Volume: 88.72 m.t.
  - Value: P12.76 million
  - Major Supplier: China (100.0%)

### DOMESTIC UTILIZATION

| Volume (Net Food Disposable): | 113,205 m.t. |
| Value: | P6,783.24 million |
BLACK PEPPER

AREA
Historical Average (2007-2016): 1,792 has.
2016: 1,662 has.
Major Locations: Batangas (72.2%), Cavite (15.9%)

PRODUCTION
Historical Average (2007-2016): 2,866 m.t.
2016: 1,436 m.t.
Value: P592.06 million
Major Producer: Batangas (77.1%)

YIELD
Historical Average (2007-2016): 1.59 m.t./ha.
2016: 0.86 m.t./ha.
Provinces with Highest Yield: Zamboanga Sibugay (7.20 m.t./ha.), Lanao del Sur (5.20 m.t./ha.), Marinduque (5.11 m.t./ha.)

PRICE
Farmgate: P412.30/kg.
Wholesale: P437.91/kg.

EXPORTS
Neither crushed nor ground in bulk containers
Volume: 14.85 m.t.
Value: P10.71 million
Major Market: Thailand (100.0%)

Neither crushed nor ground in retail containers
Volume: 40.13 m.t.
Value: P29.50 million
Major Market: Thailand (99.8%)

IMPORTS
Neither crushed nor ground in bulk containers
Volume: 269.28 m.t.
Value: P106.13 million
Major Suppliers: Vietnam (28.2%), Singapore (28.1%), India (25.6%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 4,510 m.t.
**ASPARAGUS**

**AREA**

| Historical Average (2007-2016): | 444 has. |
| 2016: | 229 has. |
| Major Location: | South Cotabato (98.3%) |

**PRODUCTION**

| Historical Average (2007-2016): | 5,711 m.t. |
| 2016: | 2,172 m.t. |
| Value: | P139.44 million |
| Major Producer: | South Cotabato (99.7%) |

**YIELD**

| Historical Average (2007-2016): | 11.76 m.t./ha. |
| 2016: | 9.49 m.t./ha. |
| Provinces with Highest Yield: | Misamis Oriental (17.50 m.t./ha.), South Cotabato (9.62 m.t./ha.), Iloilo (5.68 m.t./ha.) |

**PRICE**

| Farmgate: | P64.20/kg. |
| Wholesale: | P193.42/kg. |

**EXPORTS**

Dried, whole, cut, sliced, broken or in powder

| Volume: | 395 kgs. |
| Value: | P77,978.58 |
| Major Market: | USA (100.0%) |

**IMPORTS**

Prepared/preserved

| Volume: | 342.94 m.t. |
| Value: | P5.43 million |
| Major Supplier: | China (91.9%) |

Fresh or chilled

| Value: | 166 kgs. |
| Major Supplier: | Australia (100.0%) |

Dried, whole, sliced/broken or powder form

| Volume: | 14.30 m.t. |
| Value: | P3.94 million |
| Major Supplier: | China (97.1%) |

**DOMESTIC UTILIZATION**

Volume (Net Food Disposable): 1,998 m.t.
## POTATO

### AREA
Historical Average (2007-2016): 7,958 has.
2016: 7,744 has.
Major Locations: Benguet (64.3%), Davao del Sur (16.9%), Mountain Province (10.3%)

### PRODUCTION
Historical Average (2007-2016): 119,591 m.t.
2016: 116,784 m.t.
Value: P4,349.04 million
Major Producers: Benguet (76.0%), Mountain Province (9.5%), Davao del Sur (8.4%)

### YIELD
Historical Average (2007-2016): 15.03 m.t./ha.
2016: 15.08 m.t./ha.
Provinces with Highest Yield: Camiguin (20.00 m.t./ha.), Benguet (17.82 m.t./ha.), Ifugao (14.00 m.t./ha.)

### PRICE
- Farmgate: P37.24/kg.
- Wholesale: P55.85/kg.
- Retail: P76.89/kg.

### AVERAGE COST OF PRODUCTION PER KILOGRAM
P12.52

### EXPORTS

<table>
<thead>
<tr>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potato frozen</td>
<td>19.35 m.t.</td>
<td>USA (100.0%)</td>
</tr>
<tr>
<td>Value: P0.41 million</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato starch</td>
<td>2,136.73 m.t.</td>
<td>P166.30 million</td>
</tr>
<tr>
<td>Value: P4.349.04 million</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flour, meal and powder</td>
<td>135.62 m.t.</td>
<td>Korea (77.2%), Taiwan (22.8%)</td>
</tr>
<tr>
<td>Value: P2.61 million</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seed potatoes</td>
<td>327 kgs.</td>
<td>Canada (100.0%)</td>
</tr>
<tr>
<td>Value: P87,809.01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other potato products, ready to eat e.g. (chips, strings, strips)</td>
<td>694 kgs.</td>
<td>USA (39.6%), Guam (20.5%)</td>
</tr>
<tr>
<td>Value: P0.15 million</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato, fresh or chilled</td>
<td>31.43 m.t.</td>
<td>Canada (100.0%)</td>
</tr>
<tr>
<td>Value: P3.21 million</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PILI NUT

AREA
Historical Average (2007-2016): 2,233 has.
2016: 2,281 has.
Major Locations: Sorsogon (60.1%), Albay (15.1%), Negros Occidental (9.2%)

PRODUCTION
Historical Average (2007-2016): 6,908 m.t.
2016: 7,291 m.t.
Value: P321.82 million
Major Producers: Sorsogon (54.6%), Albay (25.4%), Northern Samar (10.6%)

YIELD
Historical Average (2007-2016): 42.81 kgs./bearing tree
2016: 44.33 kgs./bearing tree
Provinces with Highest Yield: Northern Samar (127.24 kgs./bearing tree), Albay (73.11 kgs./bearing tree), Western Samar (67.49 kgs./bearing tree)

PRICE
Farmgate:
With hull (P17.69/kg.)
With shell (P44.14/kg.)
Without shell (P358.29/kg.)

AVERAGE COST OF PRODUCTION PER KILOGRAM
P9.19

EXPORTS
<table>
<thead>
<tr>
<th>Fresh/dried</th>
<th>Prepared/ preserved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 30.49 m.t.</td>
<td>15.75 m.t.</td>
</tr>
<tr>
<td>Value: P9.87 million</td>
<td>P10.61 million</td>
</tr>
<tr>
<td>Major Markets: Germany (42.9%), Israel (21.0%), Korea (15.3%)</td>
<td>Japan (52.6%), Canada (18.2%)</td>
</tr>
</tbody>
</table>

IMPORTS
None

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 7,198 m.t.
Volume (Processing): 18 m.t.
### CASHEW

#### AREA
- **Historical Average (2007-2016):** 28,171 has.
- **2016:** 28,654 has.
- **Major Location:** Palawan (90.7%)

#### PRODUCTION
- **Historical Average (2007-2016):** 147,657 m.t.
- **2016:** 216,398 m.t.
- **Value:** P670.18 million
- **Major Producer:** Palawan (96.7%)

#### YIELD
- **Historical Average (2007-2016):** 39.95 kgs./bearing tree
- **2016:** 57.68 kgs./bearing tree
- **Provinces with Highest Yield:** Palawan (61.49 kgs./bearing tree), Bataan (57.58 kgs./bearing tree), Bulacan (51.30 kgs./bearing tree)

#### PRICE
- **Farmgate:** Nut without shell (P285.18/kg.), Nut without apple, with shell (P30.97/kg.)

#### AVERAGE COST OF PRODUCTION PER KILOGRAM
- P9.17

#### EXPORTS
- **Fresh/dried in shell**
  - **Volume:** 275.40 m.t.
  - **Value:** P23.22 million
  - **Major Market:** Vietnam (100.0%)

- **Prepared/preserved**
  - **Volume:** 315 kgs.
  - **Value:** P104,098.08
  - **Major Market:** Canada (98.4%)

#### IMPORTS
- **Fresh/dried nut, shelled**
  - **Volume:** 931.68 m.t.
  - **Value:** P313.30 million
  - **Major Supplier:** Vietnam (98.0%)

- **Prepared/preserved**
  - **Volume:** 233.14 m.t.
  - **Value:** P100.24 million
  - **Major Supplier:** Vietnam (98.7%)

#### DOMESTIC UTILIZATION
- **Volume (Net Food Disposable):** 21,090 m.t.
- **Volume (Processing):** 53 m.t.

---

### SWEET POTATO

#### AREA
- **Historical Average (2007-2016):** 101,706 has.
- **2016:** 84,752 has.
- **Major Locations:** Camarines Sur (10.1%), Northern Samar (6.6%), Albay (6.1%)

#### PRODUCTION
- **Historical Average (2007-2016):** 539,499 m.t.
- **2016:** 529,472 m.t.
- **Value:** P7,957.96 million
- **Major Producers:** Leyte (9.2%), Albay (7.4%), Camarines Sur (7.0%)

#### YIELD
- **Historical Average (2007-2016):** 5.36 m.t./ha.
- **2016:** 6.25 m.t./ha.
- **Provinces with Highest Yield:** Maguindanao (20.46 m.t./ha.), Bukidnon (19.84 m.t./ha.), Zamboanga City (13.38 m.t./ha.)

#### PRICE
- **Farmgate:** P14.99/kg.
- **Wholesale:** P23.10/kg.
- **Retail:** P35.41/kg.

#### AVERAGE COST OF PRODUCTION PER KILOGRAM
- P5.01

#### EXPORTS
- **Potatoes, fresh/chilled**
  - **Volume:** 23.78 m.t.
  - **Value:** P1.63 million
  - **Major Markets:** Hongkong (76.3%), Qatar (10.7%)

#### IMPORTS
- **Potatoes, fresh/chilled**
  - **Volume:** 3.03 m.t.
  - **Value:** P0.22 million
  - **Major Market:** Netherlands (96.4%)

#### DOMESTIC UTILIZATION
- **Volume (Net Food Disposable):** 501,279 m.t.
- **Value:** P17,750.29 million
## CALAMANSI

### AREA

- **Historical Average (2007-2016):** 20,553 has.
- **2016:** 19,824 has.
- **Major Locations:** Mindoro Oriental (29.7%), Davao del Norte (6.5%)

### PRODUCTION

- **Historical Average (2007-2016):** 174,867 m.t.
- **2016:** 118,248 m.t.
- **Value:** P2,003.29 million
- **Major Producers:** Mindoro Oriental (34.8%), Zamboanga Sibugay (7.1%)

### YIELD

- **Historical Average (2007-2016):** 19.40 kgs./bearing tree
- **2016:** 13.90 kgs./bearing tree
- **Provinces with Highest Yield:**
  - Leyte (44.08 kgs./bearing tree)
  - Zamboanga del Sur (41.57 kgs./bearing tree)
  - Sarangani (34.34 kgs./bearing tree)

### SHARE IN GROSS OUTPUT IN AGRICULTURE

- **0.15%**

### PRICE

- **Farmgate:** P19.94/kg.
- **Wholesale:** P36.72/kg.
- **Retail:** P50.28/kg.

### AVERAGE COST OF PRODUCTION PER KILOGRAM

- **P10.59**

### EXPORTS

- **Fresh**
  - **Volume:** 53.63 m.t.
  - **Value:** P1.76 million
  - **Major Markets:** UAE (38.3%), Hongkong (35.7%), Saudi Arabia (15.3%)

- **Juice**
  - **Volume:** 974.02 m.t.
  - **Value:** P85.14 million
  - **Major Market:** Korea (76.6%)

### IMPORTS

- **Juice**
  - **Volume:** 3.36 m.t.
  - **Value:** P80,353.08
  - **Major Supplier:** Korea (100.0%)

### DOMESTIC UTILIZATION

- **Volume (Net Food Disposable):** 111,102 m.t.
- **Value:** P5,586.21 million
**ABACA**

**AREA**

Historical Average (2007-2016): 136,302 has.
2016: 134,427 has.
Major Locations: Catanduanes (18.9%), Northern Samar (8.9%), Leyte (6.1%)

**PRODUCTION**

Historical Average (2007-2016): 67,948 m.t.
2016: 71,840 m.t.
Value: P4,222.79 million
Major Producers: Catanduanes (37.4%), Northern Samar (10.1%), Surigao del Sur (6.2%)

**YIELD**

Historical Average (2007-2016): 0.50 m.t./ha.
2016: 0.53 m.t./ha.
Provinces with Highest Yield: Sultan Kudarat (2.63 m.t./ha.), Davao del Norte (1.75 m.t./ha.), Compostela Valley (1.14 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

0.17%

**PRICE**

Farmgate: P58.80/kg.
Wholesale:
- Abaca unclassified (P59.80/kg.),
- Abaca handstripped (P57.36/kg.)

**EXPORTS**

Volume: Abaca pulp
- Raw abaca
  - 10,673 m.t.
  - Value: P961 million
  - UK of Great Britain (46.4%), Japan (37.3%)
  - Abaca coasters
    - 1,326,856 pcs.
    - Value: P118.37 million
    - USA (50.8%), Japan (20.7%)
- Abaca pulp
  - 30,102.87 m.t.
  - Value: P5,949.54 million
  - UK of Great Britain and Ireland (36.9%), Netherlands (31.7%)
- Placemats
  - 112,851 pcs.
  - Value: P12.43 million
  - USA (80.8%)

**IMPORTS**

Volume: Abaca pulp
- Raw abaca
  - 2,299.19 m.t.
  - Value: P301.35 million
  - Ecuador (89.5%)
  - Abaca coasters
    - 44,014 pcs.
    - Value: P4.36 million
    - China (78.9%)
- Abaca pulp
  - 1,037.91 kgs.
  - Value: P0.82 million
  - Taiwan (92.2%)

**DOMESTIC UTILIZATION**

Volume: 63,466 m.t.
Value: P3,795.27 million

---

**POMELO**

**AREA**

Historical Average (2007-2016): 5,236 has.
2016: 5,049 has.
Major Locations: Davao City (16.3%), Zamboanga del Norte (5.8%), Cagayan (5.6%)

**PRODUCTION**

Historical Average (2007-2016): 32,299 m.t.
2016: 28,811 m.t.
Value: P904.38 million
Major Producers: Davao City (44.9%), Cagayan (8.0%), Isabela (7.9%)

**YIELD**

Historical Average (2007-2016): 63.67 kgs./bearing tree
2016: 58.25 kgs./bearing tree
Provinces with Highest Yield: Davao City (170.73 kgs./bearing tree), Abra (108.34 kgs./bearing tree), Isabela (94.53 kgs./bearing tree)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

0.17%

**PRICE**

Farmgate: P31.39/kg.

**EXPORTS**

Volume: Fresh
- Raw abaca
  - 60 kgs.
  - Value: P2,849.40
  - Major Market: Singapore (100.0%)
- Abaca pulp
  - 30,102.87 m.t.
  - Value: P5,949.54 million
  - UK of Great Britain and Ireland (36.9%), Netherlands (31.7%)
  - Placemats
    - 112,851 pcs.
    - Value: P12.43 million
    - USA (80.8%)

**IMPORTS**

Volume: Fresh
- Raw abaca
  - 2,299.19 m.t.
  - Value: P301.35 million
  - Ecuador (89.5%)
  - Abaca pulp
    - 1,037.91 kgs.
    - Value: P0.82 million
    - Taiwan (92.2%)
- Abaca coasters
  - 44,014 pcs.
  - Value: P4.36 million
  - China (78.9%)

**DOMESTIC UTILIZATION**

Volume (Net Food Disposable): 27,084 m.t.
### TOBACCO

**AREA**

Historical Average (2007-2016): 30,425 has.
2016: 32,501 has.
Major Locations: Ilocos Sur (43.0%), Isabela (15.5%), La Union (9.2%)

**PRODUCTION**

Historical Average (2007-2016): 46,451 m.t.
2016: 56,457 m.t.
Value: P3,914.71 million
Major Producers: Ilocos Sur (41.3%), Isabela (18.9%), La Union (9.9%)

**YIELD**

Historical Average (2007-2016): 1.52 m.t./ha.
2016: 1.74 m.t./ha.
Provinces with Highest Yield: South Cotabato (3.71 m.t./ha.), Bukidnon (3.30 m.t./ha.), Kalinga (3.22 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

0.33%

**PRICE**

Farmgate:
Burley, dry (73.10/kg.), Native, dry (P187.35/kg.), Virginia, dry (P61.51/kg.)

**EXPORTS**

Manufactured tobacco (including cigarettes and cigarillos)
Volume: 25,863.80 m.t.
Value: P7,654.40 million
Major Markets: Thailand (29.5%), Korea (14.5%), Singapore (13.3%)

Unmanufactured tobacco and refuse
Volume: 23,907.75 m.t.
Value: P3,554.71 million
Major Markets: Indonesia (16.7%), Malaysia (16.3%), Korea (9.9%)

**IMPORTS**

Manufactured tobacco (including cigarettes and cigarillos)
Volume: 12,254.75 m.t.
Value: P4,079.69 million
Major Suppliers: Malaysia (52.5%), Indonesia (9.5%)

Unmanufactured tobacco and refuse
Volume: 40,704.71 m.t.
Value: P7,964.22 million
Major Suppliers: China (18.4%), India (14.4%), Brazil (13.4%)

**DOMESTIC UTILIZATION**

Volume: 67,608 m.t.
PAPAYA

AREA
Historical Average (2007-2016): 8,509 has.
2016: 7,835 has.
Major Locations: South Cotabato (10.5%),
North Cotabato (5.6%), Misamis Oriental (4.9%)

PRODUCTION
Historical Average (2007-2016): 168,669 m.t.
2016: 162,481 m.t.
Value: P1,781.60  million
Major Producers: South Cotabato (32.4%),
Misamis Oriental (19.2%), North Cotabato (4.2%)

YIELD
Historical Average (2007-2016): 9.50 kgs./bearing tree
2016: 6.41 kgs./bearing tree
Provinces with Highest Yield: Compostela Valley (14.93 kgs./bearing tree),
Lanao del Norte (14.00 kgs./bearing tree),
Bukidnon (12.63 kgs./bearing tree)

SHARE IN GROSS OUTPUT IN AGRICULTURE 0.40%

PRICE
Farmgate: Cuplump (P22.33/kg.)

EXPORTS
Volume: Raw 66,965.69 m.t. Waste, paring and scrap 646.87 m.t.
Value: P1,777.55 million P11.82 million
Major Market: Malaysia (91.7%) Malaysia (80.8%)

IMPORTS
Volume: Raw 54,902.17 m.t. Waste, paring and scrap 766.68 m.t.
Value: P4,277.56 million P15.04 million
Major Suppliers: Korea (16.8%),
Taiwan (53.7%),
China (19.7%)

DOMESTIC UTILIZATION
Volume: 78,594 m.t.
**CUTFLOWERS***

**AREA**  
Historical Average (2007-2016): 1,605 has.  
2016: 1,538 has.  
Major Locations: Benguet (10.5%), Cebu (9.0%), Laguna (8.3%)

**PRODUCTION**  
Historical Average (2007-2016): 10,229 m.t.  
2016: 8,886 m.t.  
Major Producers: Benguet (37.5%), Cebu (12.5%), Laguna (9.9%)

**YIELD**  
Historical Average (2007-2016): 6.38 m.t./ha.  
2016: 5.78 m.t./ha.  
Provinces with Highest Yield: Albay (28.78 m.t./ha.), Benguet (20.63 m.t./ha.), Pangasinan (13.10 m.t./ha.)

**EXPORTS**  
Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, fresh  
Volume: 270.69 m.t.  
Value: P42.01 million  
Major Market: Japan (98.5%)

Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, dried, dye, bleached & prepared  
Volume: 242.68 m.t.  
Value: P4.22 million  
Major Supplier: China (95.4%)

*Includes Anthurium, Aster, Azucena, Baby’s Breath, Carnation, Chrysanthemum, Daisy, Gladiola, Heliconia, Ilang-ilang, Orchids, Roses, Sampaguita, Statice

**IMPORTS**  
Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, fresh  
Volume: 21.11 m.t.  
Value: P0.81 million  
Major Suppliers: China (56.7%), India (42.8%)

Cutflowers & flower buds of a kind suitable for bouquet/ornamental purposes, dried, dye, bleached & prepared  
Volume: 242.68 m.t.  
Value: P4.22 million  
Major Supplier: China (95.4%)

**DOMESTIC UTILIZATION**  
Volume (Net Food Disposable): 751,729 m.t.  
Value: P61,025.36 million
### ANTHURIUM

**Area**

**Historical Average (2007-2016):** 148 has.
2016: 150 has.

**Major Locations:** Laguna (21.3%), Benguet (8.0%), Southern Leyte (8.0%)

**Production**

**Historical Average (2007-2016):** 530 m.t.
2016: 516 m.t.

**Major Producers:** Benguet (34.5%), Laguna (19.0%)

**Yield**

**Historical Average (2007-2016):** 3.58 m.t./ha.
2016: 3.44 m.t./ha.

**Provinces with Highest Yield:** Benguet (14.81 m.t./ha.), Davao del Norte (8.28 m.t./ha.), Rizal (8.04 m.t./ha.)

**Price**

Farmgate: P74.14/dozen

**Exports**

**Anthurium plant**

**Volume:** 232 kgs.
**Value:** P39,796.62
**Major Market:** Japan (100.0%)

**Imports**

None

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### MANGO

**Area**

**Historical Average (2007-2016):** 187,660 has.
2016: 187,834 has.

**Major Locations:** Davao del Sur (7.4%), Pangasinan (7.0%), Maguindanao (6.6%)

**Production**

**Historical Average (2007-2016):** 847,973 m.t.
2016: 814,055 m.t.

**Value:** P23,200.54 million

**Major Producers:** Pangasinan (19.2%), Zamboanga del Norte (9.3%), Cebu (5.0%)

**Yield**

**Historical Average (2007-2016):** 96.70 kgs./bearing tree
2016: 84.53 kgs./bearing tree

**Provinces with Highest Yield:** Misamis Occidental (420.94 kgs./bearing tree), Pangasinan (360.09 kgs./bearing tree), Quezon (318.92 kgs./bearing tree)

**Share in Gross Output**

**In Agriculture:** 1.88%

**Price**

Farmgate: Carabao, green (P38.92/kg.), Piko, green (P25.16/kg.), Indian green (P9.17/kg.)

Wholesale: Carabao, ripe (P79.48/kg.), Carabao, green (P55.89/kg.)

Retail: Carabao, ripe (P95.85/kg.), Piko, ripe (P66.51/kg.)

**Average Cost of Production**

P17.92

**Exports**

**Fresh**

**Volume:** 14,342.97 m.t.
**Value:** P632.52 million
**Major Markets:** Hongkong (75.7%), Korea (14.5%)

**Dried**

**Volume:** 6,203.38 m.t.
**Value:** P2,654.20 million
**Major Markets:** USA (46.2%), Japan (17.0%), Hongkong (11.4%)

**Other than cooked/uncooked by steaming or boiling in water**

**Puree**

**Volume:** 733.42 m.t.
**Value:** P549.63 million
**Major Markets:** Hongkong (29.6%), Korea (16.6%), Japan (16.7%), China (18.9%), Korea (18.9%)

**Juice**

**Volume:** 2,569.44 m.t.
**Value:** P133.41 million
**Major Markets:** USA (30.2%), Canada (29.9%)

**Prepared/preserved**

**Volume:** 10.79 m.t.
**Value:** P1.37 million
**Major Markets:** China (86.8%)
### DURIAN

**Area**  
Historical Average (2007-2016): 17,759 has.  
2016: 16,619 has.  
Major Locations:  
- Davao City (17.1%)  
- Davao del Norte (15.2%)  
- Compostela Valley (9.1%)

**Production**  
Historical Average (2007-2016): 73,323 m.t.  
2016: 71,444 m.t.  
Value: P3,007.08 million  
Major Producers:  
- Davao City (52.0%)  
- Davao del Norte (20.6%)  
- Sulu (8.7%)

**Yield**  
Historical Average (2007-2016): 79.66 kgs./bearing tree  
2016: 56.44 kgs./bearing tree  
Provinces with Highest Yield:  
- Sulu (159.79 kgs./bearing tree)  
- Nueva Vizcaya (128.55 kgs./bearing tree)  
- Zamboanga Sibugay (122.68 kgs./bearing tree)

**Price**  
Farmgate: P42.09/kg.

**Average Cost of Production Per Kilogram**  
P22.24

**Exports**  
Volume: 37.30 m.t.  
Value: P2.56 million  
Major Markets:  
- Sabah (37.6%)  
- Singapore (29.6%)  
- Malaysia (16.6%)

**Imports**  
None

**Domestic Utilization**  
Volume (Net Food Disposable): 67,123 m.t.

### CHRYSANTHEMUM

**Area**  
Historical Average (2007-2016): 247 has.  
2016: 243 has.  
Major Locations:  
- Cebu (24.7%)  
- Benguet (22.6%)  
- South Cotabato (8.6%)

**Production**  
Historical Average (2007-2016): 2,480 m.t.  
2016: 2,292 m.t.  
Major Producers:  
- Benguet (51.7%)  
- Cebu (30.4%)

**Yield**  
Historical Average (2007-2016): 10.04 m.t./ha.  
2016: 9.43 m.t./ha.  
Provinces with Highest Yield:  
- Benguet (21.57 m.t./ha.)  
- Davao del Norte (17.56 m.t./ha.)  
- Cebu (11.62 m.t./ha.)

**Price**  
Farmgate: P73.37/dozen

**Exports**  
Volume: 37.30 m.t.  
Value: P2.56 million  
Major Markets:  
- Sabah (37.6%)  
- Singapore (29.6%)  
- Malaysia (16.6%)

**Imports**  
None
GLADIOLA

AREA
Historical Average (2007-2016): 134 has.
2016: 90 has.
Major Locations:
Benguet (20.0%), Quezon (16.7%), Cebu (16.7%)

PRODUCTION
Historical Average (2007-2016): 1,025 m.t.
2016: 550 m.t.
Major Producers:
Benguet (53.5%), Cebu (17.1%)

YIELD
Historical Average (2007-2016): 7.60 m.t./ha.
2016: 6.11 m.t./ha.
Provinces with Highest Yield:
Benguet (16.35 m.t./ha.), Davao del Norte (9.20 m.t./ha.)

PRICE
Farmgate: P60.92/dozen

EXPORTS
a/

IMPORTS
b/

a/ Included in cutflower exports
b/ Included in cutflower imports

...Continued

2016 COMMODITY FACT SHEET

IMPORTS

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Fresh</th>
<th>Dried</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>14.26 m.t.</td>
<td>7.38 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P0.75 million</td>
<td>P1.61 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td>Japan (100.0%)</td>
<td>China (100.0%)</td>
</tr>
</tbody>
</table>

Ketchup

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Fresh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>513.86 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P36.98 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>China (68.4%), Singapore (10.4%)</td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

Volume (Net Food Disposable): 4,947,204 m.t.
Value: P187,400.09 million
Volume (Processing): 1,792,466 m.t.
Value: P47,572.05 million
### ORCHIDS

**AREA**
- Historical Average (2007-2016): 305 has.
- 2016: 295 has.
- Major Locations: Bulacan (11.5%), Capiz (7.1%), Zamboanga del Sur (6.1%)

**PRODUCTION**
- Historical Average (2007-2016): 1,634 m.t.
- 2016: 1,149 m.t.
- Major Producers: Albay (27.0%), Davao del Sur (6.7%), Bulacan (5.0%)

**YIELD**
- Historical Average (2007-2016): 31.97 kgs./bearing hill
- 2016: 31.30 kgs./bearing hill
- Provinces with Highest Yield: Lanao del Sur (57.79 kgs./bearing hill), Western Samar (57.00 kgs./bearing hill), Davao del Sur (53.03 kgs./bearing hill)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 4.84%

**PRICE**
- Farmgate: Dendrobium (P266.80/dozen)

**EXPORTS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchids seedlings</td>
<td>3.71 m.t</td>
<td>P1.80 million</td>
<td>Taiwan (33.2%), USA (30.5%), Germany (23.7%)</td>
</tr>
<tr>
<td>Orchids fresh</td>
<td>119 kgs.</td>
<td>P63,636.60</td>
<td>Taiwan (100.0%)</td>
</tr>
</tbody>
</table>

**IMPORTS**
- None

---

### BANANA

**AREA**
- 2016: 442,865 has.
- Major Locations: Davao del Norte (8.4%), Bukidnon (4.7%), Compostela Valley (4.2%)

**PRODUCTION**
- Historical Average (2007-2016): 8,819,693 m.t.
- 2016: 8,903,684 m.t.
- Value: P147,704.49 million
- Major Producers: Davao del Norte (18.3%), Bukidnon (14.5%), Compostela Valley (9.3%)

**YIELD**
- Historical Average (2007-2016): 31.97 kgs./bearing hill
- 2016: 31.30 kgs./bearing hill
- Provinces with Highest Yield: Lanao del Sur (57.79 kgs./bearing hill), Western Samar (57.00 kgs./bearing hill), Davao del Sur (53.03 kgs./bearing hill)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 4.84%

**PRICE**
- Farmgate:
  - Bungulan, green (P12.35/kg.), Lakatan, green (P20.10/kg.), Latundan, green (P12.53/kg.), Saba, green (P9.99/kg.)
  - Latundan, ripe (P16.17/kg.), Lakatan, ripe (P42.70/kg.), Latundan, ripe (P25.20/kg.), Saba, ripe (P22.07/kg.)
- Wholesale:
  - Lakatan, ripe (P51.36/kg.), Latundan, ripe (P34.58/kg.), Saba, ripe (P27.70/kg.)
- Retail:
  - Lakatan, ripe (P51.36/kg.), Latundan, ripe (P34.58/kg.), Saba, ripe (P27.70/kg.)

**EXPORTS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flour, meal and powder of banana</td>
<td>844.91 m.t.</td>
<td>P15.22 million</td>
<td>Democratic People's Rep. of Korea (20.4%)</td>
</tr>
<tr>
<td>Fresh</td>
<td>1,733,836.32 m.t.</td>
<td>P34,684.96 million</td>
<td>Japan (31.0%), China (25.7%), Korea (15.5%)</td>
</tr>
<tr>
<td>Dried</td>
<td>71.70 m.t</td>
<td>P4.58 million</td>
<td>Japan (63.7%), Korea (14.9%)</td>
</tr>
<tr>
<td>Preserved by sugar</td>
<td>95.09 m.t</td>
<td>P6.94 million</td>
<td>USA (58.0%), Germany (25.3%)</td>
</tr>
<tr>
<td>Dried</td>
<td>71.70 m.t</td>
<td>P4.58 million</td>
<td>Japan (63.7%), Korea (14.9%)</td>
</tr>
<tr>
<td>Ketchup</td>
<td>6,697.08 m.t</td>
<td>P361.22 million</td>
<td>USA (36.4%), UAE (21.9%), Saudi Arabia (14.8%)</td>
</tr>
<tr>
<td>Chips/crackers</td>
<td>36,633.57 m.t</td>
<td>P3,252.62 million</td>
<td>USA (22.9%), China (17.8%), Germany (10.4%)</td>
</tr>
<tr>
<td>Ketchup</td>
<td>6,697.08 m.t</td>
<td>P361.22 million</td>
<td>USA (36.4%), UAE (21.9%), Saudi Arabia (14.8%)</td>
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<td>P3,252.62 million</td>
<td>USA (22.9%), China (17.8%), Germany (10.4%)</td>
</tr>
</tbody>
</table>
### ROSES

**AREA**
- Historical Average (2007-2016): 268 has.
- 2016: 269 has.
- Major Locations: Benguet (17.5%), Cebu (13.0%)

**PRODUCTION**
- Historical Average (2007-2016): 2,351 m.t.
- 2016: 2,232 m.t.
- Major Producers: Benguet (57.5%), Cebu (10.1%)

**YIELD**
- Historical Average (2007-2016): 8.79 m.t./ha.
- 2016: 8.30 m.t./ha.
- Provinces with Highest Yield: Benguet (27.31 m.t./ha.), Nueva Vizcaya (22.83 m.t./ha.), La Union (11.67 m.t./ha.)

**PRICE**
- Farmgate: P83.41/dozen

**EXPORTS**
- a/

**IMPORTS**
- b/

*a/ Included in cutflower exports  
b/ Included in cutflower imports
IMPORTS

<table>
<thead>
<tr>
<th></th>
<th>Cane molasses</th>
<th>Centrifugal sugar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>484,505.24 m.t.</td>
<td>48,364.50 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P3,982.47 million</td>
<td>P1,070.53 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Indonesia (47.1%), Thailand (21.6%)</td>
<td>Thailand (100.0%)</td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

<table>
<thead>
<tr>
<th></th>
<th>Volume (Net Food Disposable):</th>
<th>Volume (Processing):</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>223,704 m.t.</td>
<td>22,146,841 m.t.</td>
</tr>
</tbody>
</table>
### SUGARCANE

#### AREA
- **Historical Average (2007-2016):** 411,340 has.
- **2016:** 410,104 has.
- **Major Locations:** Negros Occidental (44.4%), Bukidnon (15.0%), Negros Oriental (9.5%)

#### PRODUCTION
- **Historical Average (2007-2016):** 23,938,291 m.t.
- **2016:** 22,370,546 m.t.
- **Value:** P44,517.39 million
- **Major Producers:** Negros Occidental (51.3%), Bukidnon (12.4%), Negros Oriental (7.0%)

#### YIELD
- **Historical Average (2007-2016):** 58.08 m.t./ha.
- **2016:** 54.55 m.t./ha.
- **Provinces with Highest Yield:** Laguna (74.30 m.t./ha.), Iloilo (71.14 m.t./ha.), Albay (68.53 m.t./ha.)

#### SHARE IN GROSS OUTPUT IN AGRICULTURE
- 2.24%

#### PRICE
- **Farmgate:**
  - Centrifugal sugar (P34.88/kg.), Muscovado sugar (P42.01/kg.)
- **Retail:**
  - Pork lean meat (P188.59/kg.), Pork meat w/ bones (P169.01/kg.), Pork pata (P148.63/kg.)

#### EXPORTS
- **Centrifugal sugar**
  - Volume: 181,759.16 m.t.
  - Value: P4,703.18 million
- **Sugarcane vinegar**
  - Volume: 2,157.85 m.t.
  - Value: P63.42 million
- **Major Markets:** USA (99.8%), Saudi Arabia (60.5%), UAE (19.6%)

#### IMPORTS
- **Carcass**
  - Volume: 75,525.48 m.t.
  - Value: P6,445.47 million
  - Major Suppliers: Germany (29.1%), Canada (25.2%), France (14.3%), USA (11.7%)
- **Offals**
  - Volume: 148,565.67 m.t.
  - Value: P9,823.74 million
  - Major Suppliers: Germany (22.6%), Spain (22.4%), USA (11.5%), France (9.9%)

#### SHARE IN GROSS OUTPUT IN AGRICULTURE
- 2.24%

#### PRICE
- **Farmgate:**
  - Centrifugal sugar (P34.88/kg.), Muscovado sugar (P42.01/kg.)
- **Retail:**
  - Pork lean meat (P188.59/kg.), Pork meat w/ bones (P169.01/kg.), Pork pata (P148.63/kg.)

#### EXPORTS
- **Processed/prepared meat and offals**
  - Volume: 2,500.94 m.t.
  - Value: P272.96 million
  - Major Markets: UAE (54.5%), Hongkong, China (16.1%)

#### IMPORTS
- **Processed/prepared meat and offals**
  - Volume: 16,693.00 m.t.
  - Value: P1,121.31 million
  - Major Suppliers: China (64.3%), USA (30.6%)
**DOMESTIC UTILIZATION**

**Carcass**
- **Volume (Net Food Disposable):** 1,618,941 m.t.
- **Value:** P305,316.08 million

**Offals**
- **Volume (Net Food Disposable):** 464,525 m.t.
- **Value:** P2,137.35 million

---

**IMPORTS**

**Coffee, roasted not decaffeinated (unground)**
- **Volume:** 852.55 m.t.
- **Value:** P196.47 million
- **Major Suppliers:**
  - Malaysia (41.9%),
  - Hongkong (33.7%)

**Coffee roasted, decaffeinated**
- **Volume:** 59.14 m.t.
- **Value:** P10.27 million
- **Major Suppliers:**
  - Vietnam (32.1%),
  - USA (23.3%)

**Coffee not roasted, or decaffeinated**
- **Volume:** 41,161.88 m.t.
- **Value:** P3,662.97 million
- **Major Supplier:** Vietnam (94.2%)

**Coffee, roasted decaffeinated (ground)**
- **Volume:** 51.04 m.t.
- **Value:** P18.81 million
- **Major Supplier:** Malaysia (74.0%)

**Coffee, roasted decaffeinated (unground)**
- **Volume:** 51.56 m.t.
- **Value:** P6.51 million
- **Major Supplier:** Malaysia (62.3%)

**Coffee, other than roasted/not roasted**
- **Volume:** 105.85 m.t.
- **Value:** P3.88 million
- **Major Supplier:** Hongkong (78.2%)

**Extracts, essences and concentrates of coffee**
- **Volume:** 142,434.70 m.t.
- **Value:** P18,038.56 million
- **Major Supplier:** Indonesia (76.4%)
### COFFEE

#### AREA

| Historical Average (2007-2016): | 119,341 has. |
| 2016: | 114,839 has. |
| Major Locations: | Sultan Kudarat (17.4%), Bukidnon (7.9%), Cavite (7.2%) |

#### PRODUCTION (Dried berries)

| Historical Average (2007-2016): | 85,900 m.t. |
| 2016: | 68,823 m.t. |
| Value: | P5,721.25 million |
| Major Producers: | Sultan Kudarat (30.7%), Davao del Sur (7.3%), Sulu (7.0%) |

#### YIELD

| Historical Average (2007-2016): | 1.04 kgs./bearing tree |
| 2016: | 0.89 kg./bearing tree |
| Provinces with Highest Yield: | Northern Samar (3.45 kgs./bearing tree), Marinduque (2.28 kgs./bearing tree), Zamboanga del Sur (2.24 kgs./bearing tree) |

#### SHARE IN GROSS OUTPUT IN AGRICULTURE

0.32%

#### PRICE

- Farmgate: (Dry beans): Arabica (P93.37/kg.), Excelsa (P76.29/kg.), Robusta (P77.16/kg.)
- Wholesale: (Roasted): Arabica (P393.50/kg.)

#### AVERAGE COST OF PRODUCTION PER KILOGRAM

P56.23

#### EXPORTS

- **Coffee, not roasted** or not decaffeinated: 27.98 m.t.
  - Value: P3.66 million
  - Major Market: Nigeria (100.0%)
- **Coffee, roasted** or not decaffeinated (unground): 10.38 m.t.
  - Value: P3.00 million
  - Major Market: Taiwan (100.0%)

#### IMPORTS

- **Extracts, essences and concentrates of instant coffee**
  - Value: P135.63 million
  - Major Markets: Nigeria (61.9%), Uganda (8.2%)
- **Coffee not roasted, decaffeinated**
  - Value: P1.72 million
  - Major Markets: Canada (52.9%), USA (42.0%), Singapore (100.0%)
- **Coffee, roasted, decaffeinated**
  - Value: P5.86 m.t.
  - Major Markets: Canada (52.9%), USA (42.0%), Singapore (100.0%)

---

### PHILIPPINE STATISTICS AUTHORITY

2016 COMMODITY FACT SHEET
### Continued

<table>
<thead>
<tr>
<th>Coconut chips</th>
<th>Coconut fibers (coir) raw</th>
<th>Coconut meat, grated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume:</td>
<td>10.17 kgs.</td>
<td>2,334.97 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P4,084.14</td>
<td>P308.10 million</td>
</tr>
<tr>
<td>Major Supplier:</td>
<td>Australia (100.0%)</td>
<td>Ecuador (96.2%)</td>
</tr>
</tbody>
</table>

**Coconut other than uncooked or cooked by steaming**

| Volume: | 14.50 m.t. |
| Value:  | P2.70 million |
| Major Supplier: | Thailand (100.0%) |

### DOMESTIC UTILIZATION

**Volume (Net Food Disposable):** 688,911 m.t.
**Value:** P15,293.82 million

**Volume (Processing):** 12,992,826 m.t.
**Value:** P308,969.40 million

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### Continued

<table>
<thead>
<tr>
<th>DOMESTIC UTILIZATION</th>
<th>Carcass</th>
<th>Offals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume (Net Food Disposable):</td>
<td>195,785 m.t.</td>
<td>23,969 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P48,961.91 million</td>
<td></td>
</tr>
<tr>
<td>Volume (Processing):</td>
<td>15,849 m.t.</td>
<td></td>
</tr>
<tr>
<td>Value:</td>
<td>P1,514.37 million</td>
<td></td>
</tr>
</tbody>
</table>
### GOAT/CHEVON

#### POPULATION

**Historical Average (2007-2016):** 3,894,639 head  
**2016:** 3,663,060 head  
**Value:** P12,938.66 million  
**Major Locations:** Cebu (6.1%), Negros Occidental (5.8%), Iloilo (5.5%), Pangasinan (5.2%)

#### SLAUGHTERED

**Historical Average (2007-2016):** 3,122,092 head  
**2016:** 3,265,672 head  
**Value:** P11,535.01 million  
**Major Abbatoirs:** Cebu (34.8%), Negros Oriental (6.4%), Davao City (4.2%), Zamboanga del Sur (4.0)

#### PRODUCTION

**Historical Average (2007-2016):** 77,071 m.t.  
**2016:** 77,454 m.t.  
**Value:** P9,123.30 million  
**Major Producers:** Pangasinan (9.0%), Cebu (6.9%), Tarlac (5.4%), North Cotabato (3.9%), Negros Oriental (3.8%)

#### SHARE IN GROSS OUTPUT IN AGRICULTURE

0.47%

#### PRICE

Farmgate:  
Slaughter (P117.74/kg.), Breeding (P102.70/kg.)

#### EXPORTS

**Goat skin, raw**  
**Volume:** 40.40 m.t.  
**Value:** P0.41 million  
**Major Market:** Vietnam (100.0%)

**Processed/prepared meat**  
**Volume:** 1.38 m.t.  
**Value:** P0.91 million  
**Major Supplier:** USA (97.1%)

#### IMPORTS

**Coconut milk in liquid form**  
**Volume:** 1,311.58 m.t.  
**Value:** P49.79 million  
**Major Supplier:** Thailand (78.3%)

**Coconut milk, raw**  
**Volume:** 24.83 m.t.  
**Value:** P2.39 million  
**Major Suppliers:** Canada (71.1%), Marshall Islands, Thailand (67.9%), USA (28.9%), Kiribati (24.1%)

**Coconut baby**  
**Volume:** 23.83 m.t.  
**Value:** P1.17 million  
**Major Market:** Taiwan (95.8%)

**Coconut matured**  
**Volume:** 1,909.22 m.t.  
**Value:** P51.35 million  
**Major Supplier:** China (88.5%)

**Coco vinegar**  
**Volume:** 681.74 m.t.  
**Value:** P39.70 million  
**Major Suppliers:** USA (29.4%), China (66.5%), Korea (24.1%)

**Coconut water**  
**Volume:** 60,458.72 m.t.  
**Value:** P2,472.26 million  
**Major Markets:** Thailand (67.9%), Malaysia (32.1%), Vietnam (30.2%)

**Coconut oil**  
**Volume:** 847.94 m.t.  
**Value:** P67.61 million  
**Major Supplier:** Thailand (67.9%), Malaysia (32.1%)

**Coca vinegar**  
**Volume:** 5,745.75 m.t.  
**Value:** P141.75 million  
**Major Markets:** USA (29.4%), Japan (25.1%), Korea (24.1%)

**Cocoa butter**  
**Volume:** 21.45 m.t.  
**Value:** P28,406.96 million  
**Major Supplier:** USA (13.3%), Korea (24.1%), China (83.7%)

**Coco vinegar**  
**Volume:** 289.87 m.t.  
**Value:** P14.54 million  
**Major Supplier:** Thailand (89.3%)

**Coconut fiber (coir), processed and preserved**  
**Volume:** 9,405.00 m.t.  
**Value:** P22.61 million  
**Major Suppliers:** Indonesia (100.0%), Japan (29.6%), USA (26.3%), Vietnam (24.1%)

**Coconut oil-cake**  
**Volume:** 262,942.70 m.t.  
**Value:** P9.83 million  
**Major Markets:** Japan (27.2%), Korea (26.3%), USA (25.1%)
CHICKEN

POPULATION
Historical Average (2007-2016): 162,388,398 birds
2016: 178,792,807 birds
Value: P21,323.28 million
Major Locations: Batangas (8.3%), Pampanga (5.2%), Nueva Ecija (4.9%), Bukidnon (4.6%), Negros Occidental (4.4%)

DRESSED
Historical Average (2007-2016): 862,776,267 birds
2016: 1,051,201,572 birds
Value: P125,368.93 million
Major Dressing Plants: Bulacan (13.5%), Misamis Oriental (9.9%), Batangas (6.7%), Davao City (5.8%), Cebu (5.8%)

PRODUCTION
Historical Average (2007-2016): 1,450,286 m.t.
2016: 1,674,505 m.t.
Value: P149,801.22 million
Major Producers: Pampanga (9.9%), Bulacan (8.5%), Nueva Ecija (6.9%), Batangas (6.1%), Tarlac (5.7%)

SHARE IN GROSS OUTPUT IN AGRICULTURE
12.15%

PRICE
Farmgate:
- Broiler, backyard (P96.61/kg.), Native, improved (P132.11/kg.), Broiler, commercial (P82.25/kg.)
Wholesale:
- Matured coconut (P23.78/pc.), Copra corriente (P25.59/kg.), Copra resecada (P34.06/kg.)
Retail:
- Matured coconut (P22.20/pc.)

EXPORTS
Live chicken
Volume: 160,067 birds
Value: P38.51 million
Major Markets: Nepal (83.8%), Japan (98.4%)

Frozen meat and offals
Volume: 2,398.58 m.t.
Value: P480.42 million
Major Markets: USA (36.2%), China (89.0%), Netherlands (8.2%)

Prepared/preserved meat
Volume: 1,589.77 m.t.
Value: P263.26 million
Major Market: Japan (97.3%)

IMPORTS
Fresh/frozen meat and offals
Volume: 235,770.02 m.t.
Value: P10,542.24 million
Major Suppliers: USA (37.5%), Netherlands (20.6%), USA (100.0%)

Processed/prepared meat
Volume: 450.13 m.t.
Value: P85.13 million
Major Suppliers: Thailand (58.6%), Taiwan (16.1%), USA (8.8%), UK of Great Britain & Ireland (7.5%)

DOMESTIC UTILIZATION
Volume (Net Food Disposable): 1,522,741 m.t.
Value: P213,351.24 million
## DUCK

### POPULATION

- **Historical Average (2007-2016):** 10,225,897 birds
- **2016:** 10,518,539 birds
- **Value:** P1,027.06 million
- **Major Locations:** Bulacan (11.6%), Pampanga (8.4%), Sultan Kudarat (5.4%), Iloilo (5.1%), Isabela (4.7%)

### DRESSED

- **Historical Average (2007-2016):** 15,186,799 birds
- **2016:** 16,292,750 birds
- **Value:** P1,590.87 million

### PRODUCTION

- **Historical Average (2007-2016):** 35,279 m.t.
- **2016:** 32,216 m.t.
- **Value:** P2,695.83 million
- **Major Producers:** Bulacan (14.6%), Nueva Ecija (8.9%), Pampanga (6.9%), Tarlac (6.7%), Iloilo (6.2%)

### SHARE IN GROSS OUTPUT IN AGRICULTURE

- **0.22%**

### PRICE

- **Farmgate:**
  - Backyard (P101.59/kg.), Commercial (P48.62/kg.)

### EXPORTS

- **Fresh/frozen meat**
  - **Volume:** 26.76 m.t.
  - **Value:** P0.83 million
  - **Major Market:** Vietnam (100.0%)

- **Duck feathers**
  - **Volume:** 920 kgs.
  - **Value:** P118,725
  - **Major Market:** USA (100.0%)

### IMPORTS

- **Fresh/frozen meat & offals**
  - **Volume:** 215.66 m.t.
  - **Value:** P34.78 million
  - **Major Supplier:** USA (89.7%)

### DOMESTIC UTILIZATION

- **Volume (Net Food Disposable):** 24,349 m.t.
### CHICKEN EGGS

**PRODUCTION**
- **Historical Average (2007-2016):** 401,579 m.t.
- **2016:** 461,719 m.t.
- **Value:** P46,222.69 million
- **Major Producers:** Batangas (23.0%), Pampanga (9.7%), Cebu (8.3%), Bukidnon (6.7%), Bulacan (6.3%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 3.25%

**PRICE**
- **Farmgate:**
  - Backyard (P123.69/kg.), Commercial (P95.13/kg.)
- **Wholesale:** P104.16/kg.
- **Retail:** P118.44/kg.

**EXPORTS**
- None

**IMPORTS**
- None

**DOMESTIC UTILIZATION**
- **Volume (Net Food Disposable):** 424,782 m.t.
- **Value:** P50,311.18 million
- **Volume (Processing):** 9,234 m.t.
- **Value:** P961.81 million
# DUCK EGGS

## PRODUCTION

- **Historical Average (2007-2016):** 41,241 m.t.  
- **2016:** 44,160 m.t.  
- **Value:** P4,083.48 million  
- **Major Producers:** Bulacan (18.2%), Nueva Ecija (9.4%), Bukidnon (8.9%), Pampanga (7.1%), Negros Occidental (4.4%)

## SHARE IN GROSS OUTPUT IN AGRICULTURE

- **0.25%**

## PRICE

- **Farmgate:**  
  - Backyard (P88.20/kg.), Commercial (P97.35/kg.)
- **Retail:** P114.30/kg.

## EXPORTS

- **Duck’s eggs, preserved or cooked**
  - **Volume:** 26.10 m.t.  
  - **Value:** P0.31 million  
  - **Major Market:** Guam (100.0%)

- **Partly incubated duck eggs**
  - **Volume:** 17.11 m.t.  
  - **Value:** P0.42 million  
  - **Major Markets:** Guam (67.6%), Japan (32.4%)

## IMPORTS

- None

## DOMESTIC UTILIZATION

- **Volume (Net Food Disposable):** 41,511 m.t.  
- **Value:** P4,744.71 million  
- **Volume (Processing):** 883 m.t.  

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## MAIZE

### Other than Seed

- **Volume:** 4.71 m.t.  
- **Value:** P0.47 million  
- **Major Markets:** UAE (91.3%), Vietnam (7.6%)

### Imports

- **Maize, seed**
  - **Volume:** 17,537.76 m.t.  
  - **Value:** P457.64 million  
  - **Major Suppliers:** India (92.1%)  
- **Maize, fresh or chilled**
  - **Volume:** 9.84 m.t.  
  - **Value:** P0.50 million  
  - **Major Markets:** USA (75.1%), Italy (19.4%)

### Exports

- **Maize starch**
  - **Volume:** 28,694.73 m.t.  
  - **Value:** P556.30 million  
  - **Major Markets:** Indonesia (61.8%), Republic of Korea (29.5%)

### Imports

- **Sweet corn, frozen**
  - **Volume:** 247.86 m.t.  
  - **Value:** P11.35 million  
  - **Major Supplier:** China (92.6%)

### Exports

- **Maize flour**
  - **Volume:** 815.45 m.t.  
  - **Value:** P22.18 million  
  - **Major Markets:** USA (55.3%), Malaysia (16.9%), Hongkong (16.5%)

### Imports

- **Maize oil & its fractions**
  - **Volume:** 1,489.53 m.t.  
  - **Value:** P116.70 million  
  - **Major Markets:** Sweden (35.1%), Malaysia (29.7%), Singapore (27.6%)

### Exports

- **Corn syrup**
  - **Volume:** 815.45 m.t.  
  - **Value:** P5,522.84 million  
  - **Major Markets:** China (79.1%), Republic of Korea (19.2%)
CORN

**AREA**

Historical Average (2007-2016): 2,585,235 has.
2016: 2,484,465 has.
Major Locations: Isabela (10.1%), Bukidnon (7.5%), Maguindanao (6.2%)

**PRODUCTION (Matured Corn)**

Historical Average (2007-2016): 7,133,975 m.t.
2016: 7,218,817 m.t.
Value: ₱85,326.41 million
Major Producers: Isabela (14.5%), Bukidnon (11.1%), South Cotabato (6.3%)

**YIELD**

Historical Average (2007-2016): 2.76 m.t./ha.
2016: 2.91 m.t./ha.
Provinces with Highest Yield: Tarlac (6.06 m.t./ha.), Pangasinan (5.88 m.t./ha.), Pampanga (5.66 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

6.10%

**PRICE**

Farmgate:
- Corngrain white (P12.30/kg.), Corngrain yellow (P11.78/kg.),
- Green corn white (P16.19/kg.), Green corn yellow (P47.45/kg.),

Wholesale:
- Corngrain white (P13.10/kg.), Corngrain yellow (P15.63/kg.),
- Corngrits white (P23.18/kg.), Corngrits yellow (P21.07/kg.),

Retail:
- Corngrain white (P22.77/kg.), Corngrain yellow (P20.36/kg.),
- Corngrits white (P27.19/kg.), Corngrits yellow (P25.76/kg.),

**AVERAGE COST OF PRODUCTION PER KILOGRAM**

All types (₱7.67), White (₱8.64), Yellow (₱9.98)

**EXPORTS**

**Maize, seed**
- Volume: 342.21 m.t.
- Value: ₱50.41 million
- Major Markets: Vietnam (99.8%)

**Rolled or flaked maize**
- Volume: 103.65 m.t.
- Value: ₱4.02 million
- Major Markets: Hongkong (81.3%), Vietnam (18.7%), Canada (17.3%)

**Groats and meal of maize**
- Volume: 90.09 m.t.
- Value: ₱2.22 million
- Major Markets: Vietnam (82.7%), Canada (17.3%)

**Sweet corn, prepared/preserved or in powder**
- Volume: 15 kgs.
- Value: ₱1,424.70
- Major Markets: Bangladesh (100.0%)

**Corn syrup**
- Volume: 270.70 m.t.
- Value: ₱11.72 million
- Major Markets: Indonesia (65.0%), Germany (16.1%), China (8.5%)

**Maize starch**
- Volume: 6.88 m.t.
- Value: ₱2.374.50
- Major Markets: Japan (26.3%), Taiwan (25.6%), Australia & New Zealand (23.8%)
ROUNDSCAD

**PRODUCTION**

Historical Average (2007-2016): 256,758 m.t.
2016: 211,777 m.t.
Commercial: 156,187 m.t.
Value: P11,811.63 million
Major Producers: Commercial: Metro Manila (34.8%), Sulu (8.9%), Camarines Sur (6.3%), South Cotabato (5.9%)
Municipal: Zamboanga City (8.0%), Negros Occidental (5.5%), Sulu (5.3%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**

1.19%

**PRICE**

Farmgate: P55.77/kg.
Wholesale: P90.39/kg.
Retail: P116.59/kg.

**EXPORTS**

<table>
<thead>
<tr>
<th></th>
<th>Roundscad, frozen (excluding livers and roes)</th>
<th>Salted not dried or smoked fish in brine</th>
<th>Roundscad, smoked, including fillet</th>
<th>Roundscad, dried, wtr/not salted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>78.70 m.t.</td>
<td>576 kgs.</td>
<td>49.14 m.t.</td>
<td>1.60 m.t.</td>
</tr>
<tr>
<td>Value</td>
<td>P12.21 million</td>
<td>P108,534.65</td>
<td>P3.03 million</td>
<td>P262,239.78</td>
</tr>
<tr>
<td>Major Market: USA (99.3%)</td>
<td>UAE (100.0%)</td>
<td>Japan (81.5%)</td>
<td>Saudi Arabia (70.6%), Australia (29.4%)</td>
<td></td>
</tr>
</tbody>
</table>

**IMPORTS**

<table>
<thead>
<tr>
<th></th>
<th>Roundscad, frozen (excluding livers and roes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>835.34 m.t.</td>
</tr>
<tr>
<td>Value</td>
<td>P30.80 million</td>
</tr>
<tr>
<td>Major Suppliers: China (55.3%), Vietnam (44.7%)</td>
<td></td>
</tr>
</tbody>
</table>

**DOMESTIC UTILIZATION**

Volume (Net Food Disposable): 138,411 m.t.
Value: P16,137.34 million
Volume (Processing): 67,769 m.t.
Value: P6,125.64 million

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...Continued

**Rice vermicelli**

Volume: 5,375.80 m.t.
Value: P420.70 million
Major Markets: USA (25.9%), UAE (21.7%), Canada (15.9%)

**IMPORTS**

**Rice in the husk**

Glutinous rice and fragrant rice

Volume: 12,222.26 m.t.
Value: P1,899.62 million
Major Suppliers: China (50.4%), India (48.7%), Vietnam (99.9%)

**Rice vermicelli, uncooked**

Major Markets: Japan (81.5%), Singapore (16.8%)

**Basmati rice**

Value: 38.65 m.t.
Value: P1.90 million
Major Suppliers: India (51.7%), Pakistan (48.3%), Vietnam (9.8%)

**Rice flour**

Value: 11,746.02 m.t.
Value: P482.41 million
Major Supplier: Thailand (89.6%), Vietnam (9.8%)

**Groats and meal of rice**

Value: 18.04 m.t.
Value: P0.46 million
Major Suppliers: USA (100.0%)

**Other rice**

Value: 100.45 m.t.
Value: P1.195.09 million
Major Suppliers: Vietnam (61.4%), Thailand (37.8%)

**Rice husked**

Value: 46.47 m.t.
Value: P3.61 million
Major Supplier: USA (100.0%)

**DOMESTIC UTILIZATION (Rice)**

Volume (Net Food Disposable): 11,134,000 m.t.
Value: P487,669.20 million
Volume (Processing): 461,000 m.t.
Value: P18,366.24 million

---

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Volume (Net Food Disposable): 11,134,000 m.t.
Value: P487,669.20 million
Volume (Processing): 461,000 m.t.
Value: P18,366.24 million
**PALAY/RICE**

**AREA**
- Historical Average (2007-2016): 4,554,407 has.
- 2016: 4,556,043 has.
- Major Locations: Nueva Ecija (6.9%), Isabela (6.1%), Pangasinan (5.7%)

**PRODUCTION (Palay)**
- Historical Average (2007-2016): 17,299,539 m.t.
- 2016: 17,627,245 m.t.
- Value: P304,598.79 million
- Major Producers: Nueva Ecija (9.6%), Isabela (6.9%), Pangasinan (6.3%)

**YIELD**
- Historical Average (2007-2016): 3.80 m.t./ha.
- 2016: 3.87 m.t./ha.
- Provinces with Highest Yield: Nueva Ecija (5.37 m.t./ha.), Ilocos Norte (4.70 m.t./ha.), Biliran (4.60 m.t./ha.)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 18.92%

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- Value: P304,598.79 million
- Major Producers: Nueva Ecija (9.6%), Isabela (6.9%), Pangasinan (6.3%)

**PRICE**
- Farmgate (Palay): Fancy, dry (P19.07/kg.), Other variety, dry (P17.43/kg.)
- Wholesale (Rice): Special (P45.53/kg.), Premium (P42.30/kg.), Well milled (P37.83/kg.), Regular milled (P33.69/kg.)
- Retail (Rice): Special (P50.92/kg.), Premium (P45.89/kg.), Well milled (P41.72/kg.), Regular milled (P36.67/kg.)

**AVERAGE COST OF PRODUCTION PER KILOGRAM**
- All types (P12.31), Irrigated (P12.05), Non-irrigated (P13.39)

**EXPORTS**
- Rice in the husk: Volume: 979 kgs. Value: P0.32 million Major Markets: Vietnam (67.9%), Ivory Coast (20.4%), Indonesia (11.6%)
- Rice flour: Volume: 101.50 m.t. Value: P7.40 million Major Markets: Vietnam (74.3%), UAE (16.8%), USA (14.4%)
- Glutinous rice: Volume: 101.50 m.t. Value: P7.95 million Major Markets: USA (73.9%), Qatar (17.6%), Canada (8.5%)
- Pre-cooked rice: Volume: 14.19 m.t. Value: P6.26 million Major Markets: USA (71.0%), Australia (19.6%)
- Rice husked: Volume: 14.19 m.t. Value: P6.26 million Major Markets: USA (66.3%), Qatar (32.3%)

**MILKFISH**

**PRODUCTION**
- Historical Average (2007-2016): 379,419 m.t.
- 2016: 402,655 m.t.
- Aquaculture: 398,088 m.t.
- Municipal: 4,567 m.t.
- Value: P35,386.90 million
- Major Producers: Aquaculture Pangasinan (26.8%), Quezon (8.4%), Capiz (7.8%)
- Municipal Maguindanao (71.8%), Batangas (8.8%), Rizal (6.0%)

**SHARE IN GROSS OUTPUT IN AGRICULTURE**
- 2.91%

**PRICE**
- Farmgate: P87.88/kg.
- Wholesale: P104.47/kg.
- Retail: P126.47/kg.

**AVERAGE COST OF PRODUCTION PER KILOGRAM**
- P37.17

**EXPORTS**
- Milkfish, fresh or chilled: Volume: 73.04 m.t. Value: P9.43 million Major Markets: UAE (58.4%), Guam (22.6%), Taiwan (98.5%) Hongkong (18.5%)
- Milkfish fillets, frozen: Volume: 1.44 m.t. Value: P0.28 million Major Markets: UAE (69.5%), Canada (30.5%), Taiwan (100.0%)
- Milkfish, excluded livers: Volume: 1.96 m.t. Value: P0.39 million Major Markets: USA (69.9%), UAE (100.0%)
- Milkfish, excluding livers and roes, frozen: Volume: 1.96 m.t. Value: P0.39 million Major Markets: USA (69.9%), Canada (15.0%)
- Milkfish, dried/salted/ not in brine: Volume: 55.88 m.t. Value: P3.13 million Major Markets: Canada (60.4%), UAE (10.6%), Korea (99.6%) Guam (12.1%)
- Milkfish fillets, dried, salted/ not in brine: Volume: 55.88 m.t. Value: P3.13 million Major Markets: Canada (60.4%), USA (10.6%), Korea (99.6%) Guam (12.1%)
- Milkfish fillets, dried, salted, but not smoked: Volume: 55.88 m.t. Value: P3.13 million Major Markets: Canada (60.4%), UAE (10.6%), Korea (99.6%) Guam (12.1%)
- Milkfish, salted not dried/ smoked and in brine: Volume: 1.96 m.t. Value: P0.39 million Major Markets: USA (69.9%), Canada (15.0%)
Continued

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milkfish fillets, fresh/chilled</td>
<td>7.17 m.t.</td>
<td>P1.04 million</td>
<td>UAE (100.0%)</td>
</tr>
<tr>
<td>Milkfish, smoked, including fillet</td>
<td>2.96 m.t.</td>
<td>P0.78 million</td>
<td>Canada (73.9%), Singapore (24.8%)</td>
</tr>
<tr>
<td>Milkfish live, other than for breeding</td>
<td>22.25 m.t.</td>
<td>P6.04 million</td>
<td>Canada (52.7%), USA (22.0%), Japan (14.9%)</td>
</tr>
<tr>
<td>Milkfish live, in airtight container</td>
<td>4.83 m.t.</td>
<td>P0.52 million</td>
<td>Hongkong (72.5%), UAE (27.5%)</td>
</tr>
</tbody>
</table>

**Imports**

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Volume</th>
<th>Value</th>
<th>Major Supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milkfish live</td>
<td>5.67 m.t.</td>
<td>P0.36 million</td>
<td>Indonesia (90.3%)</td>
</tr>
</tbody>
</table>

**Domestic Utilization**

<table>
<thead>
<tr>
<th>Type</th>
<th>Volume (Net Food Disposable)</th>
<th>Value</th>
<th>Volume (Processing)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>258,425 m.t.</td>
<td>P32,863.01 million</td>
<td>128,850 m.t.</td>
<td>P13,460.96 million</td>
</tr>
</tbody>
</table>
amount of food available in its original (unprocessed) form for human consumption. Net food disposable (NFD) is the balance or the remainder after all the “use” parameters are taken into account.

10. Values of commodities for food use (NFD) and processing are derived using the average retail and wholesale prices, respectively. Valuation is done only for commodities with available prices. These are commodities which are included in the national market baskets of the PSA price data system.

11. The following abbreviations are used in the report:

\[
\begin{align*}
\text{P} & \quad \text{Peso} \\
\text{m.t.} & \quad \text{Metric Ton} \\
\text{kg(s).} & \quad \text{Kilogram/s} \\
\text{has.} & \quad \text{Hectares}
\end{align*}
\]

12. All data items in the report are sourced from the different divisions of the Philippine Statistics Authority.
# TUNA*

## PRODUCTION

<table>
<thead>
<tr>
<th>Historical Average (2007-2016):</th>
<th>560,203 m.t.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td>509,177 m.t.</td>
</tr>
<tr>
<td>Commercial</td>
<td>363,575 m.t.</td>
</tr>
<tr>
<td>Municipal</td>
<td>145,602 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P38,266.04 million</td>
</tr>
<tr>
<td>Major Producers:</td>
<td></td>
</tr>
<tr>
<td>Commercial</td>
<td>South Cotabato (60.2%), Sulu (10.7%), Zamboanga del Sur (5.8%)</td>
</tr>
<tr>
<td>Municipal</td>
<td>Eastern Samar (8.2%), Palawan (7.5%), Tawi-tawi (6.9%)</td>
</tr>
</tbody>
</table>

## PRICE

| Farmgate:                       | Frigate tuna (P64.72/kg.), Skipjack (P62.91/kg.), Yellowfin tuna (P107.35/kg.), Big eye tuna (P122.86/kg.), Eastern Little tuna (P59.63/kg.) |
| Wholesale:                      | Frigate tuna (P90.69/kg.), Yellowfin tuna (P119.80/kg.) |
| Retail:                         | Frigate tuna (112.06/kg.) |

## EXPORTS

<table>
<thead>
<tr>
<th>Skipjack or stripe-bellied bonito, frozen</th>
<th>Skipjack &amp; bonito other than in airtight containers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 598.53 m.t.</td>
<td>25,221.14 m.t.</td>
</tr>
<tr>
<td>Value: 539.97 million</td>
<td>P1,633.82 million</td>
</tr>
<tr>
<td>Major Markets: Japan (61.0%), USA (16.3%), Spain (15.7%)</td>
<td>Finland (64.6%), USA (10.5%), Japan (6.0%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Yellowfin tunas, fresh or chilled, (excluding livers and roes)</th>
<th>Tuna, skipjack &amp; bonito in airtight containers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 5,156.34 m.t.</td>
<td>52,303.30 m.t.</td>
</tr>
<tr>
<td>Value: 5823.79 million</td>
<td>P7,441.62 million</td>
</tr>
<tr>
<td>Major Markets: Spain (19.2%), Italy (15.5%), USA (15.0%), Japan (12.4%)</td>
<td>Germany (22.4%), Great Britain and N. Ireland (18.6%), USA (12.5%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other tunas excluding liver and roes, frozen</th>
<th>Skipjack/stripebellied bonito, fresh/chilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 28.27 m.t.</td>
<td>201.70 m.t.</td>
</tr>
<tr>
<td>Value: 5.59 million</td>
<td>P37.22 million</td>
</tr>
<tr>
<td>Major Markets: USA (66.0%), Hongkong (34.0%)</td>
<td>Switzerland (31.0%), USA (19.1%)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tuna fillet, fresh or chilled (excluding livers and roes)</th>
<th>Yellowfin tunas, frozen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume: 1,209.53 m.t.</td>
<td>18,446.94 m.t.</td>
</tr>
<tr>
<td>Value: P221.31 million</td>
<td>P1,188.73 million</td>
</tr>
<tr>
<td>Major Markets: Switzerland (26.4%), France (15.8%), Israel (13.4%), Italy (12.5%)</td>
<td>Spain (28.9%), Japan (25.2%), Italy (21.6%)</td>
</tr>
</tbody>
</table>

## EXPLANATORY NOTES

1. Volume of production is expressed in metric tons and value of production is expressed in pesos. The values of commodities at current prices are taken from the Performance of Philippine Agriculture, a quarterly report published by the PSA. For commodities not highlighted in the Performance Report, the values are derived by multiplying the year’s volume of production with the average farmgate price in the same year.

2. The share in Gross Output in Agriculture is provided only for the commodities highlighted in the Performance of Philippine Agriculture. It is derived by dividing the value of production of the selected commodities by the total value of agricultural production at constant prices.

3. Major locations are the top provinces based on area planted for permanent crops and area harvested for temporary crops.

4. Major producers are the top provinces based on volume of production.

5. Provinces with highest yield are provinces with the biggest production per hectare or per bearing tree.

6. Data on cost of production per kilogram are updated estimates based on given set of assumptions and procedures. The costs of production of temporary crops are expenses incurred in production during the period while those of permanent crops refer to maintenance costs of the farms.

7. Data on volume of exports and imports are expressed in net metric tons. The data on value are FOB value for exports and CIF value for imports expressed in peso terms.

8. Major markets/suppliers are the top exporting/importing countries based on volume.

9. Data on domestic utilization are represented by net food disposable (NFD) and quantity of commodity that goes to processing. These data are generated by the Supply Utilization Accounts for Agriculture. NFD is the...
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IMPORTS

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<th>Import</th>
<th>Volume</th>
<th>Value</th>
<th>Major Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other tunas, skipjack or stripe-bellied bonito, frozen</td>
<td>2,866.55 m.t.</td>
<td>P206.02 million</td>
<td>Korea (41.1%), Vietnam (16.5%), Japan (11.3%)</td>
</tr>
<tr>
<td>Yellowfin tuna, frozen</td>
<td>7,530.48 m.t.</td>
<td>P2,264.28 million</td>
<td>Taiwan (27.8%), Vietnam (20.2%), Korea (19.0%), Japan (15.9%)</td>
</tr>
<tr>
<td>Skipjack or stripe-bellied bonito (excluding livers and roes)</td>
<td>95,131.68 m.t.</td>
<td>P6,248.99 million</td>
<td>Papua New Guinea (45.2%), Thailand (62.2%), Taiwan (16.9%), China (12.6%)</td>
</tr>
</tbody>
</table>

DOMESTIC UTILIZATION

<table>
<thead>
<tr>
<th>Net Food Disposable Processing</th>
<th>Volume</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Food Disposable</td>
<td>428,613 m.t.</td>
<td>P48,030.37 million</td>
</tr>
<tr>
<td>Processing</td>
<td>162,937 m.t.</td>
<td>P17,149.12 million</td>
</tr>
</tbody>
</table>

*TIncludes big eyed tuna, skipjack, yellowfin tuna, eastern little tuna and frigate tuna
## SHRIMPS & PRAWNS

### PRODUCTION

<table>
<thead>
<tr>
<th></th>
<th>Historical Average (2007-2016):</th>
<th>56,659 m.t.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016:</td>
<td></td>
<td>55,942 m.t.</td>
</tr>
<tr>
<td>Aquaculture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tiger prawn:</td>
<td></td>
<td>49,140 m.t.</td>
</tr>
<tr>
<td>White shrimp and Endeavor prawn:</td>
<td>2,309 m.t.</td>
<td>1.6 m.t.</td>
</tr>
<tr>
<td>Freshwater shrimp/prawn:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tiger prawn:</td>
<td></td>
<td>115 m.t.</td>
</tr>
<tr>
<td>White shrimp and Endeavor prawn:</td>
<td>1,259 m.t.</td>
<td>3,117 m.t.</td>
</tr>
<tr>
<td>Freshwater shrimp:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Value:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>P21,961.82 million</td>
<td></td>
</tr>
<tr>
<td>Major Producers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquaculture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tiger prawn:</td>
<td>Pampanga (39.6%), Lanao del Norte (28.7%), Bulacan (8.0%)</td>
<td></td>
</tr>
<tr>
<td>White shrimp and Endeavor prawn:</td>
<td>Zambonga del Sur (30.5%), Pampanga (14.5%), Masbate (11.2%)</td>
<td></td>
</tr>
<tr>
<td>Freshwater shrimp/prawn:</td>
<td>Isabela (60.2%), Lanao del Norte (12.3%), Antique (11.0%)</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tiger prawn:</td>
<td>Ilocos Sur (18.2%), Cagayan (15.7%), Aklan (15.1%)</td>
<td></td>
</tr>
<tr>
<td>White shrimp and Endeavor prawn:</td>
<td>Iloilo (33.8%), Cagayan (15.2%), Maguindanao (7.9%)</td>
<td></td>
</tr>
<tr>
<td>Freshwater shrimp:</td>
<td>Pampanga (21.1%), Laguna (16.2%), Rizal (8.5%)</td>
<td></td>
</tr>
</tbody>
</table>

### PRICE

|                | Farmgate: | Endeavor prawn (P207.21/kg.), Tiger prawn (P425.70/kg.), White shrimp (P158.19/kg.), Freshwater shrimp (P88.37/kg.) | |
|----------------|-----------|-----------------------------------------------------------------------------------------------------------------| |
| Wholesale:     |           | Endeavor prawn (P290.57/kg), Tiger prawn (P424.51/kg), White shrimp (P259.37/kg).                                | |
| Retail:        |           | Endeavor prawn (P325.80/kg), Tiger prawn (P517.68/kg)                                                           | |

### EXPORTS

#### Shrimp & prawns, fresh/chilled

| Volume: | 642.53 m.t. |
|         |             |
| Value:  | P174.75 million |
| Major Markets: | Taiwan (42.6%), UAE (28.2%), Hongkong (12.9%) |

#### Shrimps & prawns, dried

| Volume: | 67.97 m.t. |
|         |           |
| Value:  | P37.13 million |
| Major Markets: | Japan (99.5%) |

#### Shrimp paste, bagoong

| Volume: | 2,347.85 m.t. |
|         | P180.86 million |
| Value:  | P5,809.78 million |
| Major Markets: | Canada (20.8%), USA (19.6%), Taiwan (12.9%) |

#### Shrimps & prawns, frozen

| Volume: | 5,038.57 million |
|         | P2,038.57 million |
| Value:  | P56.99 million |
| Major Markets: | USA (29.9%) |

#### Prawn, prepared/preserved

| Volume: | 100.28 m.t. |
|         | P11.90 million |
| Value:  | P6.69 million |
| Major Markets: | Canada (20.8%), USA (19.6%), Hongkong (65.4%), Japan (19.5%) |

### FRUITS and NUTS

#### Bananas

#### Durian

#### Mango

#### Papaya

#### Pineapple

#### Pomelo

#### Pomelo

#### Calamansi

#### Cashew

#### Pili Nut

### VEGETABLES

#### Asparagus

#### Black Pepper

#### Cabbage

#### Garlic

#### Onion

#### Tomato

#### Carrot
### IMPORTS

<table>
<thead>
<tr>
<th>Product</th>
<th>Volume (m.t.)</th>
<th>Value (P million)</th>
<th>Major Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrimps &amp; prawns, frozen</td>
<td>2,921.57</td>
<td>780.62</td>
<td>China (52.6%), Vietnam (43.1%)</td>
</tr>
<tr>
<td>Shrimps paste (bagoong)</td>
<td>15.70</td>
<td>3.22</td>
<td>Thailand (58.6%), China (32.3%)</td>
</tr>
<tr>
<td>Shrimps &amp; prawns, not frozen</td>
<td>54.76</td>
<td>3.35</td>
<td>China (99.9%)</td>
</tr>
<tr>
<td>Shrimps &amp; prawns, dried</td>
<td>3.28</td>
<td>0.39</td>
<td>Vietnam (100.0%)</td>
</tr>
<tr>
<td>Prawns, prepared or preserved</td>
<td>220.99</td>
<td>23.62</td>
<td>China (83.4%), Korea (12.2%)</td>
</tr>
</tbody>
</table>

### DOMESTIC UTILIZATION

| Volume (Net Food Disposable)   | 51,433 m.t.   |
| Value                          | 21,691.35 million |
# OYSTERS

## PRODUCTION

<table>
<thead>
<tr>
<th></th>
<th>Historical Average (2007-2016): 22,322 m.t.</th>
<th>2016: 20,831 m.t.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquaculture</td>
<td>19,512 m.t.</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td>1,319 m.t.</td>
<td></td>
</tr>
<tr>
<td>Value:</td>
<td>P225.70 million</td>
<td></td>
</tr>
<tr>
<td>Major Producers:</td>
<td>Capiz (35.1%), Bulacan (22.2%), Iloilo (12.9%)</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td>Iloilo (84.5%)</td>
</tr>
</tbody>
</table>

## PRICE

|                | Farmgate: P10.83/kg. |

## EXPORTS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oysters, fresh, chilled or frozen</td>
<td>Oysters, dried, salted or in brine</td>
</tr>
<tr>
<td>Volume:</td>
<td>51.88 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P6.03 million</td>
</tr>
<tr>
<td>Major Market:</td>
<td>Taiwan (100.0%)</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oysters, prepared or preserved</td>
<td></td>
</tr>
<tr>
<td>Volume:</td>
<td>326 kgs.</td>
</tr>
<tr>
<td>Value:</td>
<td>P63,019.23</td>
</tr>
<tr>
<td>Major Market:</td>
<td>USA (100.0%)</td>
</tr>
</tbody>
</table>

## IMPORTS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Oysters, fresh, chilled or frozen</td>
<td>Oysters, prepared or preserved</td>
</tr>
<tr>
<td>Volume:</td>
<td>3.93 m.t.</td>
</tr>
<tr>
<td>Value:</td>
<td>P0.33 million</td>
</tr>
<tr>
<td>Major Suppliers:</td>
<td>Japan (61.1%), France (38.9%)</td>
</tr>
<tr>
<td></td>
<td>Korea (25.8%)</td>
</tr>
</tbody>
</table>

## DOMESTIC UTILIZATION

|                | 20,471 m.t. |

## FOREWORD

The 2016 Commodity Fact Sheets is the 23rd edition of the annual publication released by the Philippine Statistics Authority (PSA). The report is a compilation of basic statistical information for 50 commodities which are classified into food and non-food crops, livestock and poultry and fisheries.

Each commodity profile contains the following information: production, area, yield, share in gross output in agriculture, prices, costs of production, imports and domestic utilization. The report aims to serve as a quick yet comprehensive reference material for the various data users and stakeholders in the agriculture sector.

The PSA hopes to further improve the content and coverage of this report. Thus, readers are encouraged to give their comments and suggestions to make the report more useful and relevant.

LISA GRACE S. BERSALES, Ph.D.
Undersecretary
National Statistician and Civil Registrar General

Quezon City, Philippines
November 2017