

**Department of veterinary, food  
safety and rural affairs**

*Bureau of waterways management,  
rural statistics and surveys*

**Rural Affairs - Statistics Section**

# Agricultural Memento Data 2012

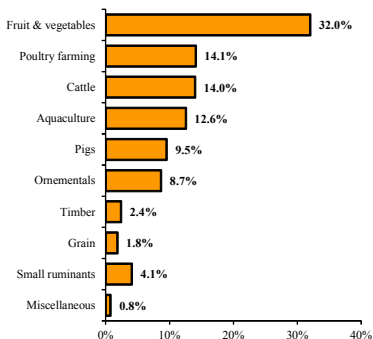
Picture : ERPA

**July 2013**

209, rue Auguste Bénébig - Haut Magenta  
BP 256 - 98845 NOUMEA Cedex  
Tel.: (687) 25.51.12 . Fax: (687) 25.51.29  
E-mail : [davar.seser-stats@gouv.nc](mailto:davar.seser-stats@gouv.nc)  
Internet : <http://www.davar.gouv.nc>

# FINAL AGRICULTURAL PRODUCTION 2012

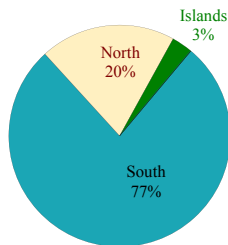
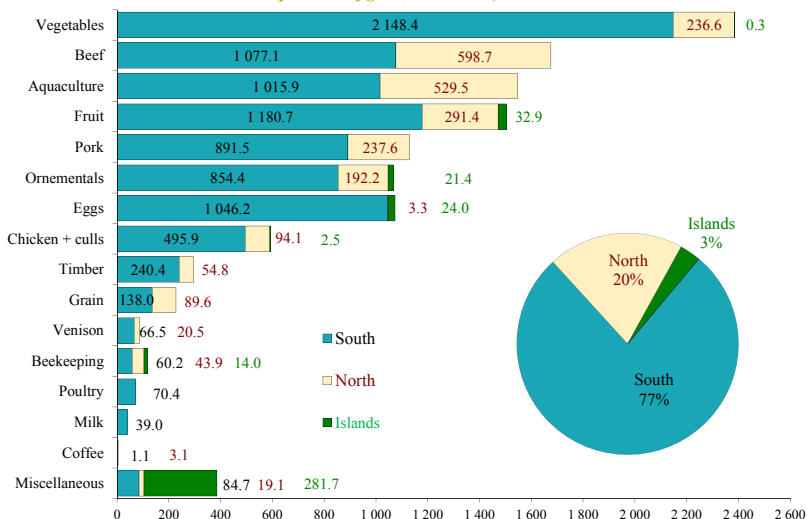
Percentage breakdown by rural sector



	Value in million XPF	
	2012	Evol/11
Vegetable production	5 591.8	9.8%
Animal production	4 876.1	10.0%
<b>Total agriculture</b>	<b>10 467.9</b>	<b>9.9%</b>
Aquaculture	1 545.4	4.3%
Timber	295.2	17.9%
<b>Total Rural sector</b>	<b>12 308.5</b>	<b>9.4%</b>

Sources : DAVAR, provinces, ERPA, OCEF, ARBOFRUITS, FCTE, GFA, Chamber of agriculture, UPRA bovine, porcine, équine, ovine et caprine.

Marketed agricultural production, breakdown by Province  
(provisional figures, million XPF)



**Abbreviations** (for all memento tables) :

/// : due to product specificities or non comparable quantities, no realistic figure may be quoted.

**Evol/10** : trends shown in the 2012 memento are calculated in relation to the revised 2011 figures, which are sometimes different from those published in the memento of June 2012.



# ANIMAL PRODUCTION

## Marketed production in 2012

	Value in millions de FCFP		Tons ou Unity (u)	
	2012	Evol/11	2012	Evol/11
<b>Cattle</b>	<b>1 724.0</b>	<b>13.1%</b>		
meat	1 684.1	12.8%	3 410.5	-0.1%
<i>OCEF only</i>	1 354.1	11.0%	2 733.8	-1.6%
<i>service provision only</i>	1.2	///	5.2	///
<i>local butchers only</i>	328.8	20.6%	671.5	5.8%
livestock exports	0.9	///	2 u	
milk <sup>(1)</sup>	39.0	23.3%	317.1	25.1%
<b>Poultry farming</b>	<b>1 737.8</b>	<b>14.9%</b>		
eggs <sup>(2)</sup>	1 073.5	22.3%	41.1	20.7%
chicken + culling	592.5	7.3%	793.2	4.1%
poultry meat <sup>(3)</sup>	70.4	-12.0%	55.1	-10.8%
livestock exports	1.4	-49.6%	3 750 u	-60.5%
<b>Pigs</b>	<b>1 172.9</b>	<b>5.6%</b>		
meat	1 172.9	5.6%		
<i>OCEF only</i>	782.6	3.2%	1 695.6	2.8%
<i>service provision only</i>	43.8	-3.3%	105.5	-3.5%
<i>local butchers only</i>	346.5	13.0%	750.2	12.6%
<b>Small ruminants</b>	<b>93.8</b>	<b>-12.6%</b>	<b>181.8</b>	<b>-13.1%</b>
venison	87.0	-12.5%	169.1	-13.2%
mutton and goat meat	6.8	-14.7%	12.7	-12.3%
<b>Horse breeding <sup>(4)</sup></b>	<b>29.5</b>	<b>-13.9%</b>		
<b>Beekeeping <sup>(5)</sup></b>	<b>118.1</b>	<b>-17.2%</b>	<b>98.2</b>	<b>-11.3%</b>
<b>Animal production (agriculture)</b>	<b>4 876.1</b>	<b>10.0%</b>		
<b>Aquaculture</b>	<b>1 545.4</b>	<b>4.3%</b>		
prawns	1 539.4	6.7%	1 630.4	6.0%
crayfish	6.0	33.3%	3.5	16.7%

(1) unit : one thousand litres of milk.

(2) unit : million eggs.

(3) including rabbits and game birds.

(4) estimated value. Note : 198 births declared in 2012, of which 131 in the South Province, 38 in the North Province and 29 by artificial insemination.

(5) estimated value (honey and other bee products).

**Pork sector :**  
**30 585 pigs slaughtered**  
**(29 119 in 2011)**

**Average producer sale price :**

474 XPF/kg  
(+0.4% compared to 2011)

**Artificial insemination :**

Inseminated sows : **291**  
(310 in 2011)

Gestation rate (28 days) : **66%**

Source : DAVAR, OCEF, UPRA porcine

Source : DAVAR, provinces, ERPA, GFA, OCEF, UPRA bovine, porcine, équine, ovine et caprine

## Expors 2012

	Valeur <sup>*</sup>	Evol/11	Tonnes/U	Evol/11
<b>Livestoks <sup>(1)</sup></b>	<b>2.3</b>	<b>-17.5%</b>	<b>3 752 u<sup>(1)</sup></b>	<b>-60.6%</b>
<b>Meat <sup>(2)</sup></b>	<b>30.1</b>	<b>-50.1%</b>	<b>34.0</b>	<b>-50.5%</b>
<b>Others</b>	<b>0.3</b>	<b>-47.4%</b>	<b>///</b>	<b>///</b>
<b>Animal production (agriculture)</b>	<b>32.7</b>	<b>-48.6%</b>	<b>///</b>	<b>///</b>
<b>Prawns</b>	<b>1 145.2</b>	<b>13.0%</b>	<b>817.0</b>	<b>15.4%</b>
<b>Total animal exports</b>	<b>1 240.6</b>	<b>3.3%</b>		

(1) including 3 750 poultry (chicks).

(2) venison.

\*Value : FOB cost in million XPF

Source : Customs

**Bovine sector : 17 667 head slaughtered**  
**(17 575 in 2011)**

**Artificial inseminations (A.I.) and embryo transplants (E.T.) :**

Number of A.I. : **829** (690 in 2011) Gestation rate (45 days) : **56%**

Number of E.T. : **175** (109 in 2011) Gestation rate (45 days) : **58%**

Source : DAVAR, OCEF, UPRA bovine

Category	Carcass tonnage		Average producer price (XPF/kg)	
	2012	Evol/11	2012	Evol/11
Beef	1 864	-2.0%	515	12.9%
Store cattle	320	25.1%	464	11.9%
Calves	1 227	13.1%	512	12.4%
<b>Total</b>	<b>3 411</b>	<b>-0.1%</b>	<b>509</b>	<b>13.0%</b>

Source : OCEF, DAVAR



# PLANT PRODUCTION

## Marketed production in 2012

	Value in millions XPF		Tons on Unity (u)	
	2012	Evol/11	2012	Evol/11
<b>Supervised crops</b>	<b>534.0</b>	<b>32.0%</b>	<b>8 722.2</b>	<b>28.6%</b>
squash	185.3	26.9%	2 854.8	14.6%
potatoes	121.1	-3.1%	1 669.0	-1.5%
grain	227.5	70.6%	4 198.4	61.7%
<b>Vegetables</b>	<b>2 116.9</b>	<b>-4.6%</b>	<b>7 063.4</b>	<b>-4.2%</b>
fresh vegetables	1 889.1	0.4%	6 292.3	-0.5%
dried onions	96.4	-22.5%	464.0	-15.1%
tropical tuber	131.5	-38.7%	307.2	-39.0%
<b>Fruit</b>	<b>1 518.4</b>	<b>35.2%</b>	<b>5 118.7</b>	<b>27.5%</b>
citrus fruit	442.8	8.6%	1 942.0	17.6%
openfield fruit <sup>(1)</sup>	360.2	33.1%	838.1	13.2%
bananas	254.5	35.0%	1 025.0	33.5%
others <sup>(2)</sup>	460.9	80.0%	1 313.6	53.8%
<b>Ornamentals (estimation)</b>	<b>1 068.0</b>	<b>2.9%</b>		
<b>Coffee</b>	<b>4.2</b>	<b>-68.2%</b>	<b>6.1</b>	<b>-68.2%</b>
<b>Copra <sup>(3)</sup></b>	<b>11.0</b>	<b>103.7%</b>	<b>117.0</b>	<b>103.8%</b>
<b>Vanilla <sup>(4)</sup></b>	<b>23.9</b>	<b>24.4%</b>	<b>0.9</b>	<b>55.4%</b>
<b>Tea tree, sandalwood <sup>(5)</sup></b>	<b>311.8</b>	<b>17.2%</b>	<b>7.0</b>	<b>6.9%</b>
<b>Sandalwood by-product</b>	<b>3.6</b>	<b>30.9%</b>	<b>33.0</b>	<b>32.0%</b>
<b>Plant production</b>	<b>5 591.8</b>	<b>9.8%</b>		
<b>Timber</b>	<b>295.2</b>	<b>17.9%</b>		
lumber <sup>(6)</sup>	117.1	0.5%	1 610.3	5.5%
industrial timber <sup>(7)</sup>	178.1	33.1%	127 641 u	25.8%

(1) melon, watermelon, strawberry, raspberry.

(2) including pineapple, mango, lychee, pawpaw, avocado...

(3) main end products are 55 tons of oil and the equivalent of 40 tons of copra meal.

(4) equivalent dried vanilla

(5) essential oils (exports data for sandalwood essential oils).

(6) tonnage equivalent to 2 150 m<sup>3</sup> of lumber.

(7) produced units : posts, poles, stakes.

Source : DAVAR, provinces, ERPA, OCEF, ARBOFRUITS, Chamber of agriculture

## Exports 2012

	Value *	Evol/11	Tons/U	Evol/11
<b>Essentials oils <sup>(1)</sup></b>	<b>300.5</b>	<b>19.2%</b>	<b>7.0</b>	<b>18.4%</b>
<b>Vegetables(2)</b>	<b>152.5</b>	<b>46.1%</b>	<b>2 812.4</b>	<b>14.2%</b>
squash representing	143.5	41.9%	2 779.6	13.2%
<b>Fruits <sup>(3)</sup></b>	<b>30.7</b>	<b>144.3%</b>	<b>43.9</b>	<b>102.4%</b>
<b>Coffee <sup>(4)</sup></b>	<b>1.6</b>	<b>-62.7%</b>	<b>0.6</b>	<b>-67.3%</b>
<b>Others</b>	<b>0.3</b>	<b>-93.0%</b>	<b>///</b>	
<b>Plant production</b>	<b>485.6</b>	<b>28.6%</b>		

(1) sandalwood and tea tree.

(2) squash, zucchini, eggplant and beans.

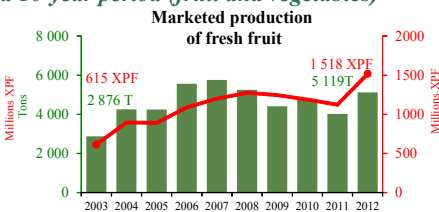
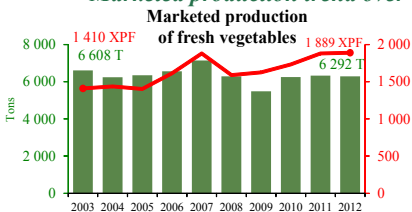
(3) lime.

(4) unit in equivalent tons of green coffee.

\*Value : FOB cost in million XPF

Source : Customs, ERPA

## Marketed production trend over a 10-year period (fruit and vegetables)





# AGRICULTURAL PRODUCE IMPORTS

2012	Value*	Evol/11	Tons/U	Evol/11
<b>Cattle</b>	<b>1 520.7</b>	<b>9.7%</b>		
beef	1 516.6	9.9%	2 071.7	1.7%
breeding animals	0.0	///	0 (u)	///
semen	4.1	-39.1%		///
<b>Milk and dairy products <sup>(1)</sup></b>	<b>4 388.9</b>	<b>2.2%</b>	<b>81 449.3</b>	<b>3.6%</b>
<b>Aviculture</b>	<b>2 440.9</b>	<b>7.2%</b>		
chicken meat	1 930.0	2.1%	8 651.0	-6.4%
poultry meat <sup>(2)</sup>	364.2	33.6%	275.8	-24.6%
fresh eggs	97.7	37.8%	428.4	22.4%
hatching eggs	46.1	24.7%	42.9	10.1%
livestock <sup>(3)</sup>	2.9	-42.5%	4 194 (u)	44.8%
<b>Pork</b>	<b>279.9</b>	<b>76.8%</b>	<b>797.5</b>	<b>49.0%</b>
<b>Small ruminants</b>	<b>358.9</b>	<b>-10.4%</b>		
mutton	358.9	-10.4%	476.7	-10.6%
venison	0.0	///	0.0	///
live sheep	0.0	///	0 (u)	///
<b>Horses</b>	<b>0.0</b>	<b>///</b>	<b>0 (u)</b>	<b>///</b>
<b>Bee products</b>	<b>2.9</b>	<b>11.9%</b>	<b>3.4</b>	<b>21.2%</b>
<b>Fruit and vegetables <sup>(4)</sup></b>	<b>1 725.6</b>	<b>-5.4%</b>	<b>9 737.8</b>	<b>-13.2%</b>
fruit	1 055.5	3.4%	4 740.4	-5.7%
vegetables	558.8	0.3%	2 704.4	4.3%
onions	62.3	-38.5%	1 251.7	7.1%
potatoes	49.0	-66.3%	1 041.3	-57.0%
<b>Ornaments</b>	<b>105.5</b>	<b>12.9%</b>		
<b>Coffee <sup>(5)</sup></b>	<b>829.0</b>	<b>17.0%</b>	<b>1 513.2</b>	<b>34.2%</b>
<b>Vanilla</b>	<b>3.4</b>	<b>5.4%</b>	<b>0.3</b>	<b>10.9%</b>
<b>Grains</b>	<b>2 219.8</b>	<b>7.4%</b>	<b>44 433.6</b>	<b>-4.9%</b>
<b>Tea tree, sandalwood</b>	<b>1.3</b>	<b>-26.1%</b>	<b>0.4</b>	<b>-48.8%</b>
<b>Total agriculture</b>	<b>13 877.0</b>	<b>5.0%</b>		
<b>Timber <sup>(6)</sup></b>	<b>1 035.5</b>	<b>16.7%</b>		
<b>Aquaculture <sup>(7)</sup></b>	<b>128.2</b>	<b>15.4%</b>		
<b>Total imports</b>	<b>15 040.7</b>	<b>5.8%</b>		

(1) one unit equivalent to one thousand litres of milk.

(2) including rabbit meat.

(3) 4 194 chicks (3 594 cocks and hens, 600 other poultry animals).

(4) including dried fruit and vegetables.

(5) unit in equivalent tons of green coffee (according to the 2001 International Coffee Agreement), that is 878 tons (gross tonnage) including green coffee, roasted coffee, instant coffee and other coffee extracts and essences.

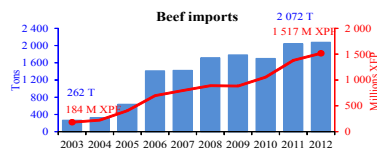
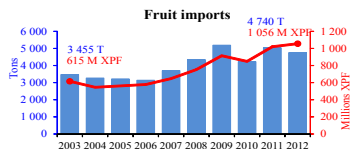
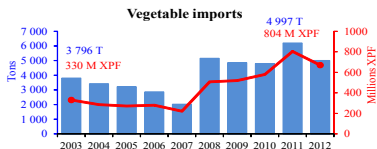
(6) 12 200 tons of uncut timber and sawn or prepared timber (excluding charcoal and plywood), equivalent to approx. 15 000 m<sup>3</sup>.

(7) 1 ton of oyster spats and 112 tons of oysters.

\*Value : CIF cost in million XPF

Source : Customs

## Import trends over a 10-year period (some sectors)



# CLIMATOLOGY

## Rainfall (mm)

	Normal	2012	2012/ Normal
Koumac	982.2	1 164.9	118.6%
Koné	1 099.8	1 218.3	110.8%
Poindimié	2 626.4	2 933.2	111.7%
Nessadiou (Bourail)	1 256.3	1 293.4	103.0%
Tontouta	908.9	927.4	102.0%
Ouanaham (Lifou)	1 742.2	1 933.7	111.0%

## • A mild year 2012 :

The slight to moderated «La Nina» phenomenon, was present during the first quarter of the year. No climatic events increased the rainy season. During the dry season, appreciated rainfall, watered on the whole of New Caledonia. After a year with no major storm activity, FREDA, with strong winds and heavy rains, occurred in early 2013.

## Temperatures :

➤ Minimum temperatures were slightly above normal and despite deviations from the norm null on average, maxima were more varied. The hottest day was the 11th of March (37.1°C recorded at Bouraké) and the lowest temperature was recorded in La Roche (5.5°C on the 5th of August).

## Rainfall :

➤ The annual levels of rain were slightly above the normal over the whole country, especially in the centre (+20%) and in Maré and Lifou (30 to 50% more). Maré recorded a new record with 539 mm in March at la Roche (compared to 90 mm in 1991).

➤ On the other hand, in the North of the country and the Loyalty Islands, storms and rain from September to November signalled the 2nd or 3rd less critical dry season (depending of the station) for over 30 years. More than double the normal quantity of rain fell on Koumac, Bourail and Koné and also on Ouloup and La Roche. 2012 contrasts with 2011 and its dry season, which had little rainfall.

➤ The potential evapotranspiration was less marked than on average, especially in the North between July and November (10% less at Koumac, Koné et Poindimié). The hydric stress of horticulture which occurs in May and June because of a high ETP, was largely compensated by heavy rains in June.

## Wind :

➤ Trade Winds had predominated during the year. The strongest gusts were recorded during the west current in June (133 km/h at Montagne des sources).

Source : Météo France / New-Caledonia - Annual climatological summary 2012

# FERTILIZERS AND PHYTOSANITARY PRODUCTS

## Marketed fertilizers for professionals of Agriculture in 2012 : 4 305 tons (+17% compared to 2011)

	Tons
South Province	3 399.5
North Province	901.1
Islands Province	4.4
<b>TOTAL</b>	<b>4 305.0</b>

Fertilizer type	Tonnes
17.17.17	484.0
10.12.24	380.8
urea	322.0
Calcium nitrate	201.5
Lithothamne	449.6
Potassium sulfate	131.5
0.10.25	65.7
0.32.16	82.8
Others	2 187.1
<b>TOTAL</b>	<b>4 305.0</b>

Use*	Tons
Vegetables	1 104.3
Grain	789.2
Aquaculture	480.5
Fruit	292.9
Pasture	272.2
Squash	250.2
Potatoes	126.0
Tropical tuber	33.4
Onions	25.3
Coffee	9.4
Others	249.7
<b>TOTAL</b>	<b>3 633.1</b>

Source : Chamber of agriculture

## Phytosanitary products imported for professionals of Agriculture in 2012 :

Catégorie	Herbicides	Insecticides	Fungicides	Misc.	TOTAL**
<b>Tonnes (évol/2011)</b>	50.9 (+12.4%)	13.4 (+2.2%)	5.3 (-22.1%)	3.8 (-74.8%)	<b>69.3 (-9.2%)</b>

Source : DAVAR-SIVAP

\*\* A little less than 20% of all herbicides, insecticides and fungicides imported in 2012 (except aerosols) were sold to professionals of Agriculture.

\* breakdown includes fertilizers stockpiled in Ducos (Nouméa) and a part sold to professionals and servicing centers.



# AGRICULTURAL FINANCING

## Public intervention (in million XPF)

	State (1)	NC (2)	South (3)	North (3)	Islands (3)	TOTAL	Evol/11
<b>1 - agriculture and rural territories (4)</b>	<b>132.0</b>	<b>2 341.7</b>	<b>917.9</b>	<b>620.1</b>	<b>153.6</b>	<b>4 165.3</b>	<b>-7%</b>
<b>11 - markets and agricultural incomes</b>		<b>2 004.4</b>	<b>326.8</b>	<b>164.9</b>	<b>70.2</b>	<b>2 566.2</b>	<b>-0%</b>
Price support – cost reduction		1 039.3	253.0	83.5	12.6	1 388.3	
Products assistance		328.0				328.0	
Marketing assistance		92.6	13.4	13.4	25.3	144.6	
Sector organization and modernization		86.0	39.0	39.8	0.4	165.2	
Promotion and quality management systems		68.3	18.8	10.5	0.5	98.0	
Risk management (including emergencies)		358.3	2.6	17.7		378.6	
Other actions		31.9			31.5	63.4	
<b>12 - rural development</b>	<b>132.0</b>	<b>201.0</b>	<b>591.1</b>	<b>455.2</b>	<b>83.4</b>	<b>1 462.8</b>	<b>-16%</b>
Setting up, modernization, pollution control	25.1	10.2	310.2	250.2	45.4	641.1	
Cessation of agricultural activities		6.0				6.0	
Agricultural environment intervention	18.2		0.4			18.6	
Development and protection of the countryside	9.0		245.2		3.6	257.7	
Processing and marketing of agricultural produce	2.4			68.2	33.4	104.1	
Horse-related activities	17.9	62.2	35.4	2.3		117.8	
Others	59.4	122.6		134.5	1.0	317.5	
<b>13 - sanitary safety of plants and animals</b>		<b>136.3</b>				<b>136.3</b>	<b>-25%</b>
<b>2 - aquaculture (4)</b>	<b>28.8</b>	<b>328.8</b>	<b>54.3</b>	<b>31.7</b>		<b>443.5</b>	<b>-41%</b>
<b>3 - forestry (4)</b>	<b>12.2</b>	<b>183.4</b>	<b>135.7</b>	<b>81.1</b>	<b>3.3</b>	<b>415.8</b>	<b>-5%</b>
<b>TOTAL 1 + 2 + 3</b>	<b>173.0</b>	<b>2 853.8</b>	<b>1 108.0</b>	<b>732.9</b>	<b>157.0</b>	<b>5 024.6</b>	<b>-11%</b>
<i>Share per level of government</i>	<i>3%</i>	<i>57%</i>	<i>22%</i>	<i>15%</i>	<i>3%</i>	<i>100%</i>	
<b>4 - education and research (4)</b>	<b>763.5</b>	<b>92.0</b>	<b>330.2</b>	<b>215.1</b>	<b>23.2</b>	<b>1 423.9</b>	<b>4%</b>

(1) French state, DAFE, ADRAF.

(2) New Caledonia (DAVAR, Customs) and public corporations (ERPA, APICAN, Chamber of agriculture).

(3) South, North and Islands provinces.

(4) The labour and operating costs related to the general and/or technical services of the different institutions were not taken into account. Only the category education and research includes these costs.

Note : this table presents an inventory of the financial grants made in 2012 to agriculture, aquaculture, forestry and agricultural education. The figures are not exhaustive and are likely to be amended in future publications.

# AGRICULTURAL TRAINING

## All information about agricultural training courses (CAP to BTS) and validation of previous experience (VAE) :

Department of agriculture, forestry and environment (DAFE)

Tel : 23.24.30 sfd.nouvelle-caledonie@educagri.fr

New Caledonian Agricultural Education Internet portal : <http://www.formagri.nc>

	Number of enrolled students and trainees	Number of graduates from the ministry of Agriculture							Total
		CAPA	BEPA	BPA	BP	BTA	BAC Technical & Vocational	BTSA	
<b>2010</b>	<b>770</b>	47	42	18	1	-	36	14	<b>158</b>
<b>2011</b>	<b>775</b>	32	56	8	-	-	48	22	<b>166</b>
<b>2012</b>	<b>712</b>	23	58	8	-	-	44	15	<b>148</b>

CAPA : Certificat d'aptitude professionnelle agricole / BP : Brevet professionnel / BTSA : Brevet de technicien supérieur agricole

BEPA : Brevet d'études professionnelles agricoles / BTA : Brevet de technicien agricole

BPA : Brevet professionnel agricole / Bac Technical & Vocational : technical & vocational Baccalauréats

Source : DAFE



## The shopping basket for the «home made» meals

Since 2003, MBA consultants, franchised by TNS, makes quarterly records of seen or declared consumed household stocks, from a sample of 250 representative households in New Caledonia.

This survey aims to assess the quantity of foodstuffs

used by New Caledonian households to prepare meals (as opposed to eating out).

Household supply includes animal-products, fruit and vegetables (fresh, dried or frozen).

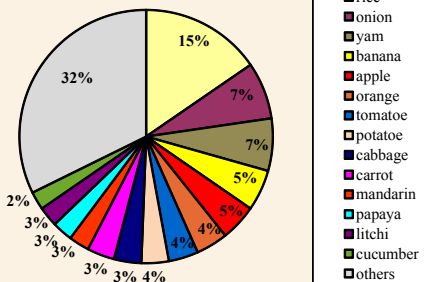
### Supply: vegetable products

**34 000 tons** of vegetable products were consumed in New Caledonian households in 2012. Eight of the consumed products, represent 50% of total supply for vegetable products. Among such products, rice stands out with 5 300 tons consumed, which represents 15% of total supply in vegetable products.

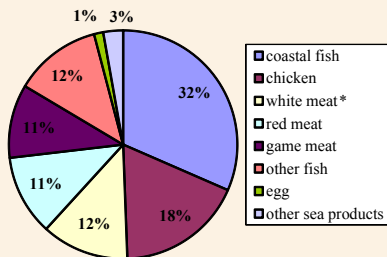
Due to the impact of weather conditions, supply in these products can fluctuated. It reached its lowest level in 2012.

In 2012, the shopping basket in vegetables includes:

- 11 000 tons of fresh vegetables,
- 11 600 tons of fresh fruit,
- 11 700 tons of tubers and dried vegetables (tropical tubers, rice, potatoes, dried vegetables),
- 1 100 tons of frozen fruit and vegetables.



### Supply: animal products



The quantity of animal products has tended to increase since 2004, with a downturn between 2007 and 2009, mainly due to a decrease in supply of coastal fish and game meat.

Since 2010, the part of the animal products in household supplies has increased. In 2012, this represented 47% of total household supply against 39% in previous years.

In 2012, the animal products account for **31 000 tons**.

Coastal fish are the main product with 9 700 tons, representing 32% of total supply and this is the equivalent of the mean range of coastal fish supply since 2004. In second position, with 5 500 tons, chicken represents 18% of total supply.

\*pork, lamb, rabbit and other poultry meat

Figures for 2012 shown in this memento are provisional (data available on the 1<sup>st</sup> of July 2013) and may be modified in future publications.

Publications of the Statistics section are consultable on : <http://www.davar.gouv.nc>.

Editor : Christian DESOUTTER - Editing and composition : SESER/Statistics Section