



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

Bureau of rural statistics and Affairs
Statistics Section



Agricultural Memento Data 2015

PICTURE : Agriculture high school of Pouembout

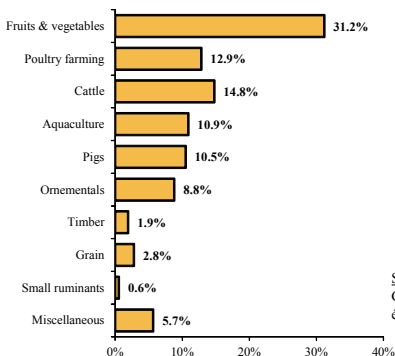
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July 2016



FINAL AGRICULTURAL PRODUCTION IN 2015

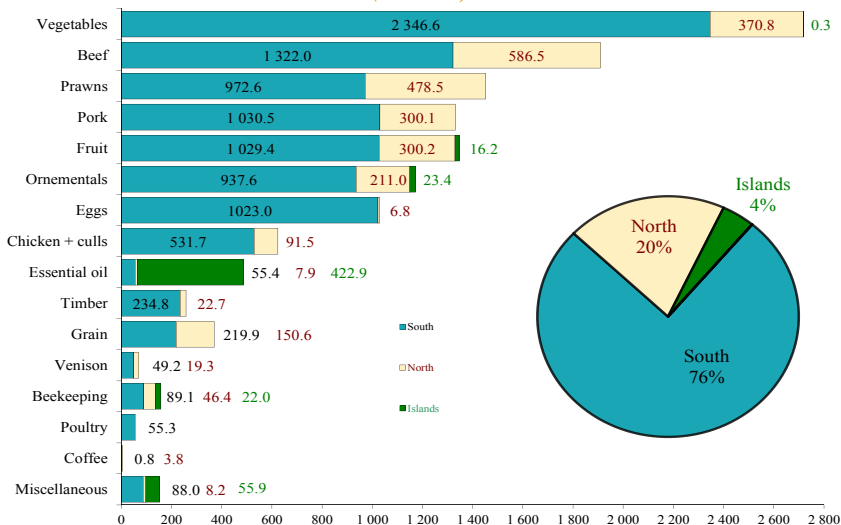
Percentage breakdown by rural sector



	Value in million XPF	
	2015	Evol/14
Vegetable production	6 246.5	-1.7%
Animal production	5 337.2	-3.5%
Total agriculture	11 583.7	-2.6%
Aquaculture	1 451.1	-17.3%
Timber	257.5	-3.3%
Total Rural sector	13 292.3	-4.4%

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

Marketed agricultural production, breakdown by Province
(million XPF)



Abbreviations (for all memento tables) :

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

Evol/14 : trends shown in the 2015 memento are calculated in relation to the revised 2014 figures, which are sometimes different from those published in the memento of July 2015.



ANIMAL PRODUCTION

Marketed production in 2015

	Value in million XPF		Tons or Units	
	2015	Evol/14	2015	Evol/14
Cattle	1 964.9	-1.6%		
meat	1 921.7	-1.5%	3 396.1	-2.5%
<i>OCEF only</i>	1 557.1	-4.2%	2 730.9	-5.6%
<i>service provision only</i>	9.2	///	22.6	///
<i>local butchers only</i>	355.5	9.3%	642.6	9.2%
milk	43.1	-2.9%	351.0 ⁽¹⁾	-2.9%
Poultry farming	1 709.0	0.1%		
eggs	1 029.8	1.0%	39.8 ⁽²⁾	-0.02%
chicken + culling	623.2	-0.7%	835.9	-3.5%
barnyard ⁽³⁾	55.3	-4.7%	45.0	-3.0%
live animals exports	0.7	-51.2%	1 800 u	-50.0%
Pigs	1 396.9	-10.3%		
meat	1 396.9	-10.3%	2 594.2	-7.9%
<i>OCEF only</i>	1 007.8	-9.7%	1 806.5	-5.4%
<i>service provision only</i>	66.3	7.8%	128.4	8.8%
<i>local butchers only</i>	322.8	-15.2%	659.3	-16.4%
Small ruminants	73.9	-18.5%	151.2	-18.8%
venison	68.5	-20.8%	142.3	-20.7%
mutton and goat meat	5.4	28.9%	9.0	30.8%
Horse breeding ⁽⁴⁾	35.0	-2.3%		
Beekeeping ⁽⁵⁾	157.5	8.0%	117.4	8.3%
Animal production (agriculture)	5 337.2	-3.5%		
Aquaculture (prawns)	1 451.1	-17.3%	1 292.7	-21.6%

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

Exports 2015

	Valeur *	Evol/14	Tonnes/U	Evol/14
Livestocks ⁽¹⁾	5.9	///	1 818 u ⁽¹⁾	-49.5%
Meat ⁽²⁾	17.1	-51.1%	22.8	-50.3%
Others	4.1	///	///	
Animal production (agriculture)	27.1	-26.4%	///	
Prawns	1 046.2	-27.1%	661.7	-30.9%
Total animal exports	1 073.3	-27.1%		

(1) unit : one thousands of liters of milk.

(2) unit : million eggs.

(3) including rabbits and game birds.

(4) estimated value. Note : 208 births declared in 2015, of which 133 in the South Province, 52 in the North Province and 23 by artificial insemination.

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

Pork sector :
30 267 pigs slaughtered
(31 476 in 2014)

Average producer sale price :

555 XPF/kg

(-2.7% compared to 2014)

Artificial insemination :

Inseminated sows : **429**

(377 in 2014)

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

Source : DAVAR, OCEF, ERPA, UPRA porcine

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

Exports 2015

	Valeur *	Evol/14	Tonnes/U	Evol/14
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Meat ⁽²⁾	17.1	-51.1%	22.8	-50.3%
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Animal production (agriculture)	27.1	-26.4%	///	
Prawns	1 046.2	-27.1%	661.7	-30.9%
Total animal exports	1 073.3	-27.1%		

(1) Hourse and poultry (chicks).

(2) venison.

*Value : FOB cost in million XPF

Source : Customs

Bovine sector : 17 085 head slaughtered
(18 765 in 2014)

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

Number of A.I. : **721** (630 in 2014) Gestation rate (45 days) : **65%**

Number of E.T. : **128** (170 in 2014) Gestation rate (45 days) : **62%**

Source : DAVAR, ERPA, OCEF, UPRA bovine

Category	Carcass tonnage		Average producer price (XPF/kg)	
	2015	Evol/14	2015	Evol/14
Beef	2 024	5.1%	599	0.8%
Store cattle	143	-35.3%	466	-0.4%
Calves	1 229	-8.2%	571	0%
Total	3 396	-2.5%	583	1.0%



PLANT PRODUCTION

Marketed production in 2015

	Value in million XPF		Tons or Units	
	2015	Evol/14	2015	Evol/14
Supervised crops	651.9	19.2%	11 053.6	31.7%
squash	228.6	50.3%	3 751.1	72.1%
potatoes	52.4	-59.6%	564.5	-59.7%
grain	370.6	40.0%	6 738.0	39.9%
Vegetables	2 502.0	-6.4%	8 712.1	0.9%
fresh vegetables	2 078.9	-6.0%	7 486.5	2.3%
dried onions	133.5	-12.7%	666.2	0.6%
tropical tuber	289.5	-6.5%	559.4	-14.8%
Fruits	1 360.6	-5.8%	4 480.7	-0.4%
citrus fruit	341.9	-22.9%	1 367.1	-12.9%
openfield fruit ⁽¹⁾	377.4	5.8%	1 111.4	35.0%
bananas	268.5	3.1%	1 015.5	1.0%
others ⁽²⁾	372.7	-2.7%	986.7	-10.3%
Ornamentals (estimation)	1 172.0	3.3%		
Coffee	4.6	20.8%	6.0	24.5%
Copra ⁽³⁾	36.3	-20.0%	299.7	-24.2%
Vanilla ⁽⁴⁾	33.5	-33.4%	0.9	-42.0%
Essential oils ⁽⁵⁾	486.1	6.6%	7.6	-8.9%
Plant production	6 246.5	-1.7%		
Timber	257.5	-3.3%		
lumber	102.0	-10.9%	1 580.3 ⁽⁶⁾	-7.6%
industrial timber	155.6	2.4%	108 984 ⁽⁷⁾	-1.6%

(1) melon, watermelon, strawberry, raspberry.

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

(3) main end products are 110 tons of oil and the equivalent of 102 tons of copra meal.

(4) equivalent dried vanilla

(5) Niaouli, sandalwood (exports data for sandalwood essential oils) and others.

(6) tonnage equivalent to 2 107 m³ of lumber.

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

Source : ARBOFRUITS, Chamber of agriculture, DAVAR, ERPA, GAPCE, OCEF, provinces, SUD FORET

Exports 2015

	Value *	Evol/14	Tons/U	Evol/14
Essential oils ⁽¹⁾	473.6	6.1%	7.4	-7.2%
Vegetables⁽²⁾	142.7	98.3%	3 751.1	71.0%
Fruit ⁽³⁾	32.3	41.3%	41.0	35.9%
Coffee ⁽⁴⁾	1.0	26.6%	0.9 ⁽⁴⁾	15.8%
Plant production	649.7	19.8%		

*Value : FOB cost in million XPF

Source : Customs, ERPA

(1) sandalwood and niaouli.

(2) squash.

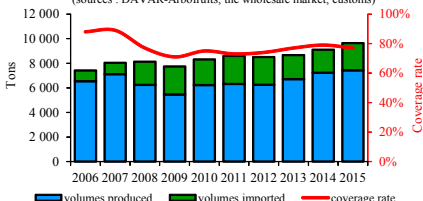
(3) lime.

(4) unit in equivalent tons of green coffee.

Evolution of fruits and fresh vegetables marked over a 10-year period

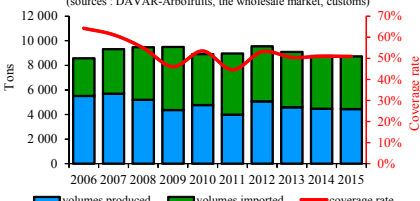
Fresh vegetable: production, imports and cover of needs

(sources : DAVAR-Arbofruits, the wholesale market, customs)



Fresh fruit: production, imports and cover of needs

(sources : DAVAR-Arbofruits, the wholesale market, customs)



IMPORTS OF AGRICULTURAL PRODUCTS

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

(2) including rabbit meat.

(3) equivalent million eggs corresponding to 585.4 tons.

(4) 6 506 chicks (cocks, hens and guinea fowl) and 224 breeding (guinea fowl).

(5) mutton.

(6) including dried fruits and vegetables.

(7) unit in equivalent tons of green coffee (according to the 2001 International Coffee Agreement), that is 763 tons (gross tonnage) including green coffee, roasted coffee, instant coffee and other coffee extracts and essences.

(8) 11 776 tons of uncut timber and sawn or prepared timber (excluding charcoal and plywood), equivalent to approx. 14 721 m³.

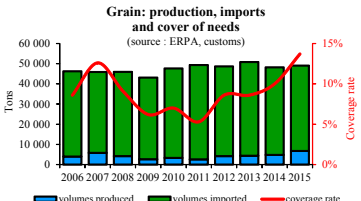
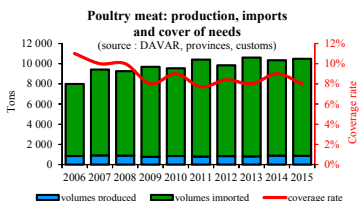
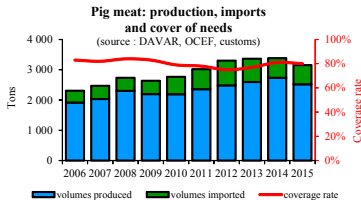
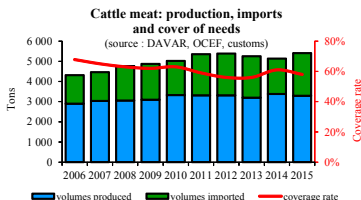
(9) 2,4 tons of oyster spats and 122 tons of oysters.

2015	Value*	Evol/14	Tons or Units (u)	Evol/14
Cattle	1 789.2	28.8%		
beef	1 786.6	29.7%	2 107.2	20.0%
semen	2.6	-61.6%		///
Milk and dairy products	4 818.7	-2.1%	86 997.6 ⁽¹⁾	-2.5%
Aviculture	2 687.1	6.4%		
chicken meat	2 231.5	4.3%	9 362.5	1.9%
poultry meat ⁽²⁾	261.3	3.6%	261.7	-2.1%
fresh eggs	148.7	62.7%	9.3 ⁽³⁾	60.1%
hatching eggs	40.2	1.4%	35.6	-3.2%
livestock	5.3	34.2%	6 730 (u) ⁽⁴⁾	43.1%
Pork	194.7	41.6%	608.5	20.9%
Small ruminants ⁽⁵⁾	325.3	5.2%	418.3	0.8%
Horses	42.9	88.8%	35 (u)	25.0%
Bee products	3.8	-12.4%	3.8	-15.3%
Fruit and vegetables ⁽⁶⁾	1 907.5	8.7%	9 929.3	-2.6%
fruit	1 109.8	0.5%	4 591.6	0.0%
vegetables	616.2	33.6%	2 663.4	17.1%
onions	71.3	-3.1%	1 214.3	4.4%
potatoes	110.1	-4.4%	1 460.0	-32.6%
Ornamentals	106.9	4.0%		
Coffee ⁽⁶⁾	846.3	-2.3%	1 340.5 ⁽⁷⁾	-2.8%
Vanilla	2.0	-3.9%	0.1	-15.7%
Grains	2 248.9	8.3%	42 280.0	-2.5%
Tea tree, sandalwood	1.2	15.3%	0.4	-2.0%
Total agriculture	14 974.5	6.1%		
Timber ⁽⁸⁾	1 015.9	11.9%		
Aquaculture ⁽⁹⁾	133.7	7.1%		
Total imports	16 124.1	6.5%		

*Value : CIF cost in million XPF

Source : Customs

Evolution of some sectors products marketed over a 10-year period



CLIMATOLOGY



Rainfall (mm)	Normal	2015	2015/ Normal
Koumac	984.8	981.2	99.6%
Koné	1 096.8	1 116.1	101.8%
Poindimié	2 630.4	2 324.8	88.4%
Bourail	1 240.6	1 173.3	94.6%
Tontouta	897.3	614.5	68.5%
Ouanaham (Lifou)	1 674.8	1 609.0	96.1%

• The rainy first 7 months are quickly forgotten !

The year 2015 is generally less rainy than usual. The year 2015 is ranked to the 24th place in the ranking of the driest years since 1961, with an average annual deficit of about 10%. However, there are certain inequalities between regions. The Isle of Pines and the southwest of the Grande Terre (from Mont-Dore to Boulouparis) received 25% less rainfall in the year. On the other hand, the far north of the Grand Terre was spared by the lack of rain. Indeed the level of precipitation was 6% above the annual normal value.

Temperatures :

➤ In 2015, maximum daily temperatures are not particularly outstanding. Indeed they were on average slightly above normal values (+ 0,2°C). On the other hand, minimum daily temperatures were on average 2°C above normal values (The nights of February 2015 were the hottest ones in comparison to all the other February months). Thus 27,5°C were measured early in the morning in Kone and Noumea, a new record for these two stations opened shortly after the World War II.

Rainfall :

➤ From January to July, the cumulative rainfall alternate between surplus and deficit. The south of the country is an exception in this review, with rainfall amounts constantly closed to the normal values. Here are some highlights :

-The violent thunderstorm on 24 and 25 February that brought in places more than 200 mm in six hours on the mountain range and in the east cost of the Grande Terre.

-The predominance of a particularly dry trade wind current in March, resulting in an exceptional rainfall deficit of -50% (In March, 34 mm were measured at the station of Koumac, while 162 mm are measured on average for this month).

➤ From August to December, the review is more homogeneous in the country. The last 5 months are under the sign of a persistent drought that only spares Loyalty Islands. In the South and to a lesser extent in the center of the Grande Terre, the accumulated deficits from August to October reach levels rarely observed. It was not until November that the north of the Grande Terre revives warmer weather. Despite a slight improvement trend observed in December, the center and south of the Grande Terre remain in this year end under the yoke of a moderate drought.

Wind :

➤ The strongest winds of 2015 were recorded during the passage of tropical cyclone PAM on 14 March. During its time as close to the Loyalty Islands about 150 km east of Maré, wind gusts near 120 km/h were recorded on the island.

Source : Météo France / New-Caledonia

FERTILIZERS AND PHYTOSANITARY PRODUCTS

Marketed fertilizers for professionals of Agriculture in 2015 : 5 201 tons (-0,4% compared to 2014)

Fertilizer type	Tons
17.17.17	463.5
urea	485.6
10.12.24	373.2
lithothamne	497.0
calcium nitrate	259.6
potassium sulfate	140.7
0.32.16	66.9
0.10.25	13.9
others	2 901.1
TOTAL	5 201.4

	Tons
South Province	4 085.8
North Province	1 108.8
Islands Province	6.8
TOTAL	5 201.4

Source : Chamber of agriculture

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

Use*	Tons
Vegetables, onions	1 404.8
Grain	557.4
Squash	489.6
Fruit	284.7
Pasture	457.9
Aquaculture	336.0
Potatoes	198.2
Reforestation, nursery	197.7
Others	355.5
TOTAL	4 281.9

Phytosanitary products imported for professionals of Agriculture in 2015 :

Category	Herbicides	Insecticides	Fungicides	Misc.	TOTAL**
Tons (evol/2014)	11.9 (-35.8%)	13.8 (+2.6%)	3.9 (-83.4%)	5.3 (+47.9%)	34.9 (-47%)

** about 8% of all herbicides, insecticides and fungicides imported in 2015 (except aerosols) were sold to professionals of Agriculture.

Source : DAVAR-SIVAP



AGRICULTURAL FINANCING

Public intervention (in million XPF)

	State (1)	NC (2)	South (3)	North (3)	Islands (3)	TOTAL	Evol/14
1 - agriculture and rural territories (4)	148.7	3 148.4	835.6	528.7	141.3	4 802.7	-7%
11 - markets and agricultural incomes		2 620.1	518.2	128.0	106.4	3 372.7	-11%
Price support – cost reduction		1 374.4	34.5	106.9	3.8	1 519.6	
Products assistance		213.7				213.7	
Marketing assistance		108.4		14.6		123.0	
Sector organization and modernization		108.2			79.7	188.0	
Promotion and quality management systems		83.3		6.5	22.0	111.8	
Risk management (including emergencies)		732.1				732.1	
Other actions			483.7		0.9	484.6	
12 - rural development	148.7	251.3	317.4	400.7	34.9	1 152.9	2%
Setting up, modernization, pollution control	20.4	15.5	32.0	120.6	14.0	202.5	
Cessation of agricultural activities		6.0				6.0	
Agricultural environment intervention			37.6			37.6	
Development and protection of the countryside	27.1	2.6			13.6	43.3	
Processing and marketing of agricultural products			12.9	78.7		91.6	
Horse-related activities	27.1	69.9	74.1	2.6		173.6	
Others	74.0	157.3	160.8	198.8	7.3	598.3	
13 - sanitary safety of plants and animals		277.0				277.0	30%
2 - aquaculture (4)		229.6	281.0	25.7		536.3	23%
3 - forestry (4)		253.0	197.6	523.4		974.0	90%
TOTAL 1 + 2 + 3	148.7	3 631.0	1 314.2	1 077.8	141.3	6 313.0	4%
<i>Share per level of government</i>	<i>2%</i>	<i>58%</i>	<i>21%</i>	<i>17%</i>	<i>2%</i>	<i>100%</i>	
4 - education and research (4)	1 000.8	489.7	118.5	273.5	85.5	1 968.0	1%

(1) ADRAF, DAFE, French state.

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

(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 2015 to agriculture, aquaculture, forestry and agricultural education. The figures are not exhaustive and are likely to be amended in future publications.

AGRICULTURAL TRAINING

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, Food and Forestry							Total
		CAPA	BEPA	BPA	BP	BAC Vocational	BAC Technical	BTSA	
2013	476	19	38	12	-	46	18	8	141
2014	492	33	37	10	-	53	13	11	157
2015	495	14	45	8	-	46	20	7	140

CAPA : Certificat d'aptitude professionnelle agricole BEPA : Brevet d'études professionnelles agricoles / BPA : Brevet professionnel agricole / BP : Brevet professionnel / BTSA : Brevet de technicien supérieur agricole

Source : DAFE

25 years of agricultural education : 3 711 graduates

Survey on the future of outgoing students of the agricultural education 2007, 2009, 2011 *»

Students and trainees



53%



47%

Useful formation for his/her life

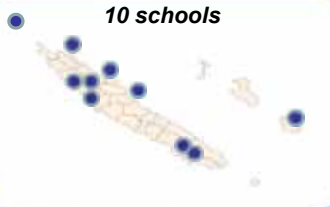
- personal

88%

- professional

71%

10 schools



Success rate

72% of graduates

Salary



2/3 of those surveyed :
< 200 000 XPF / month

77% of BTSAs :
> 250 000 XPF / month

AGRICULTURAL EDUCATION

From Year 9 to
agricultural
BTEC Higher
National Diploma :
training for
youth
and adults

TRAINING IN OCCUPATIONS IN AGRICULTURE,
FORESTRY, NATURE AND TERRITORIES

In 2015

471 students
and trainees

73 officials¹

The employment rate for graduates

- CAP-BEP : 70%
workers

- BAC-BTSA : 79%
technicians

Satisfied

with the training received 96%



with their status 71%

Confident

in their professional future 83%

3 years after

- Under permanent
contract 71%

-BTSA under
permanent
contract 89%

Departure of 20
students a year in
France
for an agricultural
BTEC higher
National Diploma

The management of the agricultural education was transferred by the French State in New Caledonia on January 1st 2012.

Degrees are awarded by the Ministry of Agriculture.

Information : Department of state service of Agriculture, Forestry,
and Environment such: 23.24.30 – orientation@dafe.nc – www.formagri.nc

*The survey results conducted by IDC-NC for the government of New-Caledonia, available on <http://www.formagri.nc>

¹School staff paid by the Ministry of Agriculture of the food-processing industry and the forest made available to New Caledonia.



Figures for 2015 shown in this memento are provisional (data available on the 1st of July 2016) and may be modified in future publications.

Statistics section publications are available for consultation on : <http://www.davar.gouv.nc>

Editor : Christian DESOUTTER - Editing and composition : SAR/Rural statistics and surveys