



Government of Niue



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Statistical Release



NIUE CONSUMER PRICE INDEX Quarter Ending September 2018

Niue ke monuina, Numela ke taki aki



INTRODUCTION

Fakaalofa lahi atu.

This is the second statistical release of the Consumer Price Index (CPI) of Niue after the rebasing was completed.

Please note that the compilation system is not yet perfect but we have ensured that the information we captured and thus put out in this release is of high quality.

Again, I would like to take this opportunity, on behalf of the Minister and staff of Statistics Niue, to acknowledge the great assistance from all the outlets (shops and businesses) that have supported this compilation of the CPI. Without their approval and assistance to provide us with the information required this success will not be realised.

Again, we are very happy to put out this statistical release of the new rebased Niue Consumer Price Index (CPI) for the third quarter of 2018 ending 30 September. Please accept our sincere apologies for the delay of this release.

There are six main parts with three supporting parts to this release:

- A. Figures at a Glance
 1. The Niue Consumer Price Index (CPI): September Quarter 2018;
 2. Movements: Quarterly Inflation of the CPI;
 3. Movements: Annual Inflation of the CPI
 4. Domestic and Imported Indices and Inflation
 5. Quarterly and Annual Contributions to the CPI;
 6. Main Items which impacts the CPI;
 7. General Information and Acknowledgements
 8. Disclaimer
 9. Metadata

Kia monuina e totouaga. Fakaauae lahi.



KimRay Vaha

Government Statistician

A. FIGURES AT A GLANCE

Niue Consumer Price Index: September 2018

- **Base Year 2018 (June)** ==> 100.0 points
- **September 2018** ==> 105.9 points
- **June 2018** ==> 100.0 points

Movements / Inflation:

Quarterly 5.94%

Annually 15.03%

- **Food Index (2.0 points difference)** ==> **1.99%**
June 2018 => 100. September 2018 => 102.0

- **Main movers of CPI this quarter:**

- Largest positive contribution: Transport of individuals and groups of persons ==> 3.23%
- Largest negative contribution: Transport ==> -0.67%

1. The Niue Consumer Price Index (CPI): September Quarter 2018

Base year: June 2018 = 100

Divisions

00	All groups	07	Transport
01	Food and non-alcoholic beverages	08	Communication
02	Alcoholic beverages, tobacco and narcotics	09	Recreation and culture
03	Clothing and footwear	10	Education
04	Housing, water, electricity and gas	11	Restaurants and hotels
05	Furnishings and household equipment	12	Miscellaneous goods and services

Table 1: Niue CPI by Divisions relative to June-18=100

Years	Divisions/ Quarters	00	01	02	03	04	05	07	08	09	10	11	12
2011	Sep	92.1	100.6	51.0	99.6	97.8	101.6	103.8	99.8	103.6	102.6	93.6	90.1
	Dec	101.1	102.2	100.0	100.8	97.8	100.6	106.3	99.8	103.5	103.7	98.9	99.7
2012	Mar	86.3	94.4	43.6	98.9	96.8	105.3	98.2	129.3	108.8	99.4	60.5	89.6
	Jun	87.2	96.1	43.6	98.4	97.1	108.1	100.1	129.3	107.4	99.9	60.5	90.1
	Sep	87.8	97.0	43.8	102.3	97.1	106.5	100.0	129.3	108.4	99.9	63.0	92.0
2013	Dec	87.0	96.3	43.8	103.5	97.0	103.9	100.3	106.4	107.9	99.9	62.4	90.4
	Mar	86.3	97.2	43.8	104.8	97.1	105.1	93.7	106.4	109.9	99.9	62.4	90.5
	Jun	85.9	97.5	43.8	102.7	96.8	103.8	91.3	106.4	106.6	100.5	64.3	91.0
	Sep	86.3	94.8	43.8	102.3	97.9	103.9	96.4	106.4	108.2	100.5	64.3	90.9
2014	Dec	85.5	92.4	46.1	101.4	98.0	103.3	90.9	106.4	106.6	100.5	68.6	90.9
	Mar	86.0	94.3	46.1	100.9	98.2	102.0	90.9	106.4	106.2	100.5	70.7	90.6
	Jun	85.8	94.7	46.1	101.1	98.3	101.6	88.7	106.4	106.1	101.1	70.7	90.6
	Sep	86.2	95.9	46.1	101.9	98.2	103.0	88.9	106.4	105.7	101.1	70.7	90.8
2015	Dec	87.3	97.0	50.9	101.6	98.1	102.7	89.5	106.4	105.2	101.1	70.7	90.8
	Mar	87.5	98.7	50.9	101.0	98.0	102.9	89.1	99.7	104.8	101.1	70.7	90.8
	Jun	87.9	97.4	50.9	100.3	97.8	101.9	90.0	99.7	104.8	101.7	79.3	90.8
	Sep	88.2	98.4	50.9	101.5	97.6	101.6	89.4	99.7	103.9	101.7	79.3	94.6
2016	Dec	87.8	97.6	50.9	94.1	97.7	102.2	88.1	99.8	103.8	101.7	79.3	100.9
	Mar	88.2	95.9	50.9	94.1	97.6	102.1	89.9	99.8	104.3	101.7	87.0	100.7
	Jun	88.5	96.0	50.9	93.3	97.6	101.5	89.6	99.8	106.4	102.2	90.1	100.7
	Sep	89.6	99.7	50.9	94.4	97.4	102.6	90.2	99.8	106.0	102.2	90.1	100.2
2017	Dec	89.7	99.9	51.0	94.8	97.7	104.0	90.2	99.8	103.9	102.2	90.1	101.1
	Mar	90.2	101.5	51.0	94.6	97.7	104.1	90.4	99.8	104.3	102.6	90.1	101.1
	Jun	90.4	100.7	51.0	99.0	97.7	104.3	90.1	99.8	104.0	102.6	93.6	101.7
	Sep	92.1	100.6	51.0	99.6	97.8	101.6	103.8	99.8	103.6	102.6	93.6	90.1
2018	Dec	101.1	102.2	100.0	100.8	97.8	100.6	106.3	99.8	103.5	103.7	98.9	99.7
	Mar	100.8	101.6	100.0	100.0	97.7	99.7	104.1	100.0	104.6	103.7	100.0	100.0
	Jun	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Sep	105.9	102.0	99.3	100.4	120.3	99.9	117.8	100.0	96.9	80.2	100.0	96.6

2. Movements: Quarterly inflation of the CPI: September Quarter 2018

Table 2: Quarterly inflation by Divisions

Years	Divisions/ Quarters	00	01	02	03	04	05	07	08	09	10	11	12
2011	Sep	3.0%	0.8%	6.0%	1.5%	1.2%	-1.1%	14.5%	0.0%	1.9%	0.0%	-6.1%	-3.3%
	Dec	-1.9%	-1.4%	0.0%	0.6%	-0.7%	2.5%	-8.0%	0.0%	-0.8%	0.0%	0.0%	0.1%
2012	Mar	1.0%	0.0%	1.2%	-0.9%	-0.2%	4.3%	2.6%	0.0%	-0.3%	0.0%	5.4%	1.2%
	Jun	-0.4%	0.31%	0.00%	-2.0%	-0.3%	-1.1%	-2.6%	0.00%	-3.0%	0.5%	3.1%	0.5%
	Sep	0.7%	1.0%	0.3%	4.0%	0.1%	-1.5%	-0.1%	0.0%	1.0%	0.0%	4.1%	2.1%
	Dec	-0.9%	-0.7%	0.0%	1.2%	-0.1%	-2.4%	0.3%	-	17.7%	-0.5%	0.0%	-0.9%
2013	Mar	-0.8%	1.0%	0.0%	1.2%	0.1%	1.1%	-6.6%	0.0%	1.8%	0.0%	0.0%	0.1%
	Jun	-0.4%	0.3%	0.0%	-2.0%	-0.3%	-1.2%	-2.6%	0.0%	-3.0%	0.5%	3.1%	0.5%
	Sep	0.4%	-2.8%	0.0%	-0.4%	1.1%	0.1%	5.6%	0.0%	1.5%	0.0%	0.0%	-0.1%
	Dec	-0.9%	-2.5%	5.5%	-0.9%	0.2%	-0.6%	-5.7%	0.0%	-1.5%	0.0%	6.6%	0.0%
2014	Mar	0.7%	2.0%	0.0%	-0.5%	0.2%	-1.2%	0.0%	0.0%	-0.4%	0.0%	3.1%	-0.3%
	Jun	-0.3%	0.4%	0.0%	0.2%	0.0%	-0.4%	-2.5%	0.0%	-0.1%	0.6%	0.0%	0.0%
	Sep	0.5%	1.3%	0.0%	0.8%	0.0%	1.4%	0.3%	0.0%	-0.3%	0.0%	0.0%	0.2%
	Dec	1.2%	1.2%	10.3%	-0.3%	-0.1%	-0.3%	0.6%	0.0%	-0.4%	0.0%	0.0%	0.0%
2015	Mar	0.2%	1.7%	0.0%	-0.6%	-0.1%	0.1%	-0.4%	-6.3%	-0.4%	0.0%	0.0%	0.0%
	Jun	0.5%	-1.4%	0.0%	-0.7%	-0.1%	-0.9%	0.9%	0.0%	0.0%	0.6%	12.1%	0.0%
	Sep	0.3%	1.0%	0.0%	1.2%	-0.2%	-0.3%	-0.6%	0.0%	-0.9%	0.0%	0.0%	4.2%
	Dec	-0.4%	-0.7%	0.0%	-7.3%	0.1%	0.6%	-1.4%	0.1%	-0.1%	0.0%	0.0%	6.6%
2016	Mar	0.5%	-1.8%	0.0%	0.0%	0.0%	-0.1%	2.0%	0.0%	0.6%	0.0%	9.7%	-0.2%
	Jun	0.3%	0.1%	0.0%	-0.8%	0.0%	-0.6%	-0.3%	0.0%	2.0%	0.5%	3.5%	0.0%
	Sep	1.2%	3.9%	0.0%	1.2%	-0.2%	1.1%	0.7%	0.0%	-0.3%	0.0%	0.0%	-0.5%
	Dec	0.2%	0.2%	0.1%	0.4%	0.3%	1.3%	0.0%	0.0%	-2.0%	0.0%	0.0%	0.9%
2017	Mar	0.5%	1.6%	0.1%	-0.2%	0.1%	0.1%	0.2%	0.0%	0.4%	0.3%	0.0%	0.1%
	Jun	0.2%	-0.8%	0.0%	4.7%	0.0%	0.2%	-0.4%	0.0%	-0.3%	0.0%	4.0%	0.5%
	Sep	1.9%	-0.1%	0.0%	0.5%	0.1%	-2.6%	15.2%	0.0%	-0.4%	0.0%	0.0%	-11.4%
	Dec	9.8%	1.5%	96.1%	1.3%	0.0%	-1.0%	2.4%	0.0%	-0.1%	1.1%	5.6%	10.7%
2018	Mar	-0.3%	-0.5%	0.0%	-0.8%	-0.2%	-1.0%	-2.0%	0.2%	1.1%	0.0%	1.2%	0.3%
	Jun	-0.8%	-1.6%	0.0%	0.0%	2.4%	0.3%	-4.0%	0.0%	-4.4%	-3.5%	0.0%	0.0%
	Sep	5.9%	2.0%	-0.7%	0.4%	20.3%	-0.1%	17.8%	0.00%	-3.1%	-19.8%	0.0%	-3.4%

3. Movements: Annual inflation of the CPI: June Quarter 2018

Table 3: Annual inflation by Divisions

Years	Divisions/ Quarters	00	01	02	03	04	05	07	08	09	10	11	12
2011	Sep	4.0%	1.5%	16.1%	-0.1%	2.8%	0.8%	11.7%	0.0%	1.3%	3.1%	0.6%	-10.9%
	Dec	2.0%	1.5%	5.8%	2.5%	1.5%	0.6%	3.7%	0.0%	0.6%	3.1%	0.6%	-0.2%
2012	Mar	2.7%	1.9%	7.2%	0.2%	0.3%	4.9%	4.5%	0.0%	1.6%	3.1%	6.0%	2.2%
	Jun	3.1%	1.3%	7.3%	0.5%	0.6%	8.6%	10.2%	0.0%	-0.5%	0.5%	-1.0%	-1.4%
	Sep	0.8%	1.4%	1.6%	3.0%	-0.6%	8.2%	-3.8%	0.0%	-1.4%	0.5%	9.8%	4.0%
2013	Dec	1.8%	2.1%	1.6%	3.7%	0.1%	3.0%	4.8%	-17.7%	-1.1%	0.5%	8.8%	2.2%
	Mar	0.0%	3.0%	0.4%	5.9%	0.3%	-0.2%	-4.6%	-17.7%	1.0%	0.5%	3.2%	1.1%
	Jun	-1.5%	1.5%	0.3%	4.4%	-0.2%	-3.9%	-8.8%	-17.7%	-0.8%	0.5%	6.4%	1.0%
	Sep	-1.7%	-2.3%	0.0%	0.0%	0.8%	-2.4%	-3.6%	-17.7%	-0.2%	0.5%	2.2%	-1.2%
2014	Dec	-1.8%	-4.0%	5.5%	-2.1%	1.0%	-0.6%	-9.3%	0.0%	-1.2%	0.5%	10.0%	0.5%
	Mar	-0.3%	-3.0%	5.5%	-3.7%	1.2%	-2.9%	-3.0%	0.0%	-3.4%	0.5%	13.4%	0.1%
	Jun	-0.2%	-2.9%	5.5%	-1.5%	1.5%	-2.2%	-2.9%	0.0%	-0.5%	0.6%	10.0%	-0.4%
	Sep	-0.1%	1.1%	5.5%	-0.4%	0.4%	-0.9%	-7.8%	0.0%	-2.3%	0.6%	10.0%	-0.1%
2015	Dec	2.1%	5.0%	10.3%	0.2%	0.1%	-0.5%	-1.6%	0.0%	-1.3%	0.6%	3.1%	-0.1%
	Mar	1.6%	4.7%	10.3%	0.1%	-0.3%	0.8%	-2.0%	-6.3%	-1.3%	0.6%	0.0%	0.2%
	Jun	2.4%	2.9%	10.3%	-0.8%	-0.4%	0.3%	1.5%	-6.3%	-1.2%	0.6%	12.1%	0.2%
	Sep	2.3%	2.6%	10.3%	-0.5%	-0.7%	-1.3%	0.6%	-6.3%	-1.7%	0.6%	12.1%	4.2%
2016	Dec	0.6%	0.6%	0.0%	-7.4%	-0.4%	-0.5%	-1.5%	-6.2%	-1.4%	0.6%	12.1%	11.1%
	Mar	0.9%	-2.9%	0.0%	-6.9%	-0.3%	-0.8%	0.8%	0.1%	-0.4%	0.6%	22.9%	11.0%
	Jun	0.7%	-1.5%	0.0%	-7.0%	-0.2%	-0.4%	-0.4%	0.1%	1.5%	0.5%	13.6%	10.9%
	Sep	1.6%	1.3%	0.0%	-6.9%	-0.2%	1.0%	0.9%	0.1%	2.0%	0.5%	13.6%	5.9%
2017	Dec	2.2%	2.3%	0.1%	0.8%	0.0%	1.7%	2.3%	0.0%	0.1%	0.5%	13.6%	0.2%
	Mar	2.2%	5.9%	0.2%	0.6%	0.1%	2.0%	0.6%	0.0%	0.0%	0.9%	3.5%	0.4%
	Jun	2.1%	5.0%	0.2%	6.2%	0.1%	2.8%	0.5%	0.0%	-2.3%	0.3%	4.0%	1.0%
	Sep	2.8%	0.9%	0.2%	5.4%	0.4%	-1.0%	15.0%	0.0%	-2.3%	0.3%	4.0%	-10.1%
2018	Dec	12.7%	2.2%	96.3%	6.3%	0.2%	-3.2%	17.8%	0.0%	-0.4%	1.4%	9.8%	-1.3%
	Mar	11.8%	0.1%	96.1%	5.7%	0.0%	-4.3%	15.2%	0.2%	0.3%	1.1%	11.0%	-1.1%
	Jun	10.7%	-0.7%	96.1%	1.0%	2.3%	-4.2%	11.0%	0.2%	-3.8%	-2.5%	6.8%	-1.6%
	Sep	12.9%	1.4%	94.7%	0.8%	7.4%	-1.7%	13.5%	0.2%	-6.4%	-21.8%	6.8%	7.3%

4. Domestic and Imported Indices and Inflation

Table 4: Domestic and Imported Inflation

Year	Quarter	All groups	Domestic	Domestic quarterly change	Domestic annual change	Imported	Imported quarterly change	Imported annual change
2018	Jun	100.0	100.0	-	-	100.0	-	-
	Sep	104.0	103.2	3.17%	-	104.2	4.16%	-

5. Quarterly and Annual Contributions to the CPI

Table 5: Quarterly and Annual Contributions to the CPI

Division	Category	Quarterly	Annually
00	All goods	4.02%	12.94%
01	Food and non-alcoholic beverages	4.02%	12.94%
02	Alcoholic beverages, tobacco and narcotics	0.56%	0.44%
03	Clothing and footwear	-0.09%	8.04%
04	Housing, water, electricity, gas and other fuels	0.01%	0.03%
05	Furnishings, household equipment and routine household maintenance	0.64%	1.13%
07	Transport	0.00%	-0.08%
08	Communication	3.19%	2.81%
09	Recreation and culture	0.00%	0.00%
10	Education	-0.07%	-0.18%
11	Restaurants and hotels	-0.09%	-0.13%
12	Miscellaneous goods and services	0.00%	0.56%

6. Main Items which impacts the CPI

Table 6a. Largest positive contributions to quarterly inflation at Sub-Class level

Rank	Division	Description	Sept -18
1	07	Transport of individuals and groups of persons and luggage by aeroplane and helicopter	3.23%
2	04	Rentals actually paid by tenants or sub-tenants for dwelling including payments by households occupying a room in a hotel or boarding house as their main residence.	0.53%
3	01	Fresh, chilled or frozen meat of sheep	0.30%
4	01	Powdered milk	0.14%
5	04	Labour for the maintenance and repair of dwelling	0.11%

Table 6b. Largest negative contributions to quarterly inflation at Sub-Class level

Rank	Division	Description	Sept-18
1	12	Other products, e.g. toilet paper	-0.13%
2	01	Fresh, chilled or frozen meat of chicken	-0.12%
3	02	Wine and wine-based aperitifs	-0.09%
4	10	Tertiary education	-0.09%
5	07	Purchase of motor cars with two- or four-wheel drives	-0.07%

Table 6c. Largest positive contributions to annual inflation at Sub-Class level

Rank	Description	Sept -18
1	Cigarettes	7.93%
2	Transport of individuals and groups of persons and luggage by aeroplane and helicopter	2.24%
3	Rentals actually paid by tenants or sub-tenants for dwelling including payments by households occupying a room in a hotel or boarding house as their main residence.	0.58%
4	Catering services (meals, snacks, drinks and refreshment) provided by restaurants, cafés, buffets, bars, tearooms, etc. in places providing recreational, cultural, sporting or entertainment services: theatres, cinemas, sports stadiums, swimming pools, sports complexes, museums, art galleries, nightclubs, etc. and on public transport (coaches, boats, aeroplanes etc) when priced separately	0.56%
5	Other materials for the maintenance and repair of the dwelling	0.44%

Table 6d. Largest negative contributions to annual inflation at Sub-Class level

Rank	Description	Sept-18
1	Fresh, chilled or frozen seafood, e.g. crustaceans, molluscs and other shellfish, sea snails.	-0.23%
2	Fresh, chilled, frozen or dried vegetables cultivated for their leaves or stalks, e.g. asparagus and spinach, for their fruit, e.g. tomatoes and for their roots, e.g. carrots. Includes olives, garlic, pulses, sweet corn, sea fennel and other edible seaweed, mushrooms and other edible fungi	-0.21%
3	Tertiary education	-0.13%
4	Motorised tools and equipment	-0.12%
5	Related products, e.g. pet food, fish tanks	-0.12%



7. General information and Acknowledgements

What is the Consumer Price Index? Consumer Price Index (CPI) measures changes in the prices of goods and services that households consume. Such changes affect the real purchasing power of consumers' incomes and their welfare. As the prices of different goods and services does not all change at the same rate, a price index can only reflect their average movements? (*ILO Consumer Price Index Manual: Theory and Practices (2004)*)

Uses of the CPI. The CPI was originally introduced to provide a measure of the changes in the living costs faced by workers, so that wages could be related to the changing levels of prices. However, over the years CPI have widened its scope and nowadays widely used as a macroeconomic indicator of inflation or a proxy for a general index of inflation for the economy as a whole. It has become a key statistic for the purpose of economic policymaking.

Imported inflation: What is imported inflation? "Inflation due to increases in the prices of imports. Increases in the prices of imported final products directly affect any expenditure-based measure of

inflation. Increases in the prices of imported fuels, materials, and components increase domestic costs of production, and lead to increases in the prices of domestically produced goods. Imported inflation may be set off by foreign price increases or by depreciation of a country's exchange rate". *Oxford dictionary of Economics*.

Statistics Niue acknowledges the owners and workers of the various retail outlets of Niue who have assisted the staff with the collection of the data necessary to compile the CPI of Niue. Fakaauē lahi mahaki, thank you very much. We look forward to your on going support so together we will provide good price statistics for the use of policy makers of Niue and Government in their decisions to make Niue prosperous.

8. Disclaimer

Statistics Niue gives no warranty that the information or data supplied contains no errors. However, all care and diligence has been used in processing, analysing, and extracting the information. Therefore, Statistics Niue shall not be liable for any loss or damage suffered by the customer consequent upon the direct or indirect use of the information supplied in this publication.

9. Niue Consumer Price Index (CPI) Metadata

The new metadata of the Niue CPI will be provided in the future.



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