

**CONSUMER PRICE INDEX
MONTHLY REPORT**

APRIL 2011



PREPARED BY:

**BUREAU OF STATISTICS
DEPARTMENT OF FINANCE**

27.06.11

THE CONSUMER PRICE INDEX

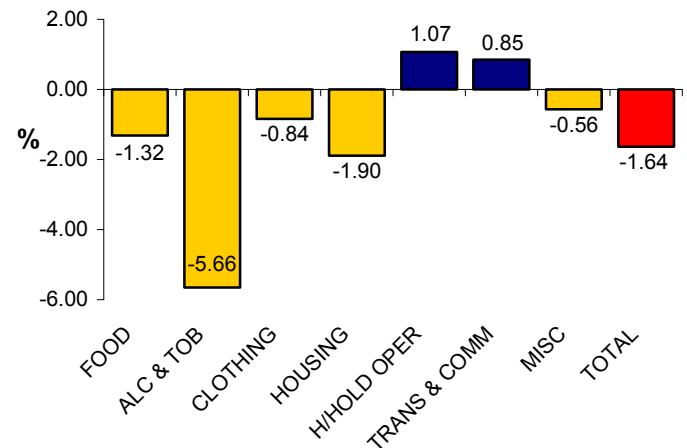
1. Monthly Change

The CPI month of April 2011 registered a **98.82** index change which show a decreased by **1.64** percent from the previous month of March 2011. The Table below validates the variations of the CPI index between the two observation periods and enclosed in Appendix 1 is the CPI market basket for comparisons. Similarly the annual CPI market basket is attached in Appendix 2 as well as Technical notes in Appendix 3 for readers/users reference.

Table **Change in Monthly Group Indices**

GROUP	MAR '11 INDEX	APR '11 INDEX	DIFF	% INC (+) DEC (-)
FOOD	55.94	55.20	-0.74	-1.32
ALCOHOL & TOBACCO	16.67	15.72	-0.94	-5.66
CLOTHING	3.39	3.36	-0.03	-0.84
HOUSING	2.96	2.91	-0.06	-1.94
HOUSEHOLD OPERATION	8.50	8.59	0.09	1.07
TRANSPORT & COMMUNICATION	7.71	7.78	0.07	0.85
MISCELLANEOUS	4.59	4.57	-0.03	-0.56
TOTAL	99.76¹	98.82	-1.64	-1.64

Chart 1. **% change for April 2011**



Note: Discrepancy of numbers is due to calculations and rounding.

1.1 Monthly Observation

The CPI for Household consumers continues to trend downward since February 2011 with April 2011 posting a decrease of **1.64** percent as a result of decreasing factors from five of the seven major group indices. The Alcohol & Tobacco index posted the highest drop with a **5.66** percent after remaining stable since December 2010. The decrease index of cigarettes (7.17%) is attributed to the group decline.

Likewise Housing index recorded a **1.90** percent drop then closely trailed by the significance of the Food index with **1.32** percent. Within Housing, the sole reason for the decline is the fall of the timber index (15.79%) which posted an increase in February 2011. The key contributors to the drop of Food is traced to a kilo of fresh tuna (33.33%), tinned coffee (11.71%), potatoes (9.66%), canned fish (7.63%), dozen eggs (6.70%), soft drink (3.23%) and onion (2.89%).

Clothing and Miscellaneous index posted merely matching percentage changes with decreases of **0.84** and **0.56** respectively. The fall for the average price of baby nappies (4.38%) has impacted the decline of the Clothing index which has remained stable since June 2010. Meanwhile Miscellaneous index has continued easing since last month and the falling index for dog food (8.89%) has impacted the change.

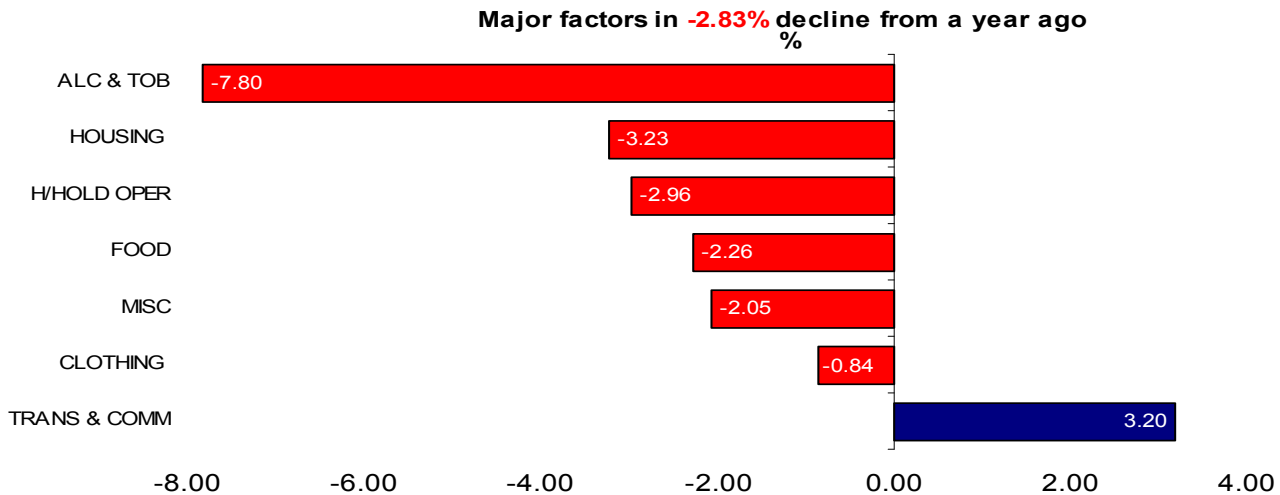
On the contrary, the indexes of Household operation and Transport & Communications have registered percentage increases with **1.07** and **0.85** respectively. The index for Household operation fell in the previous month (1.29%) and now the current advance is triggered by increases from refrigerator 23.94% and washing soap powder 1.16%. In Transport & Communications group, the advanced index of oil 8.41%, diesel 2.16% and petrol 0.81% have all contributed to the slight surge of fuel partially due to increased wholesale prices.

¹ Note slight change of index numbers for January, February and March is due to revision.

2. Annual Change

On an annual basis, continued downward trend in Nauru's CPI reduced to **2.83** percent in this month of April 2011, after a negative (1.65%) in the annualised March 2011 CPI. The main contributors to the annual deflation were;— Alcohol & Tobacco, Housing, Household operations, Food, Miscellaneous and Clothing, all recording decreases in the annualised CPI for April 2011.

Chart 2. Annualised % change since April 2010



2.1 Annual Observation

The 12 month changes in major indexes coincide towards the pattern of annual downward trend established in January. In the annualised observation the decrease for goods and services has affected six of the seven major indexes.

Leading the annual deflation is the Alcohol & Tobacco index posting the largest fall of **7.80** percent. The single falling index of cigarettes (9.84%) has attributed to the group decline.

In the same context, Housing followed by Household operations posted **3.23** and **2.96** percent decreases compared to a year ago. Within Housing, the main source for the decline is traced to the index of timber (15.79%) and paint (7.69%). While in Household operations, the falling index of electricity bills (25%) is largely due to the bureau's revision for services charged. The current domestic base rate per month is 10c up to 300kwh and 20c over 300kwh has Utilities threshold for power consumption by month. To incorporate these two different rates for CPIs monthly surveillance, the bureau has opted to use the average for this two scenario's to properly present a realistic monthly rate that can be monitored continuously. The other contributor to the group decline is the drop of washing soap powder (11.49%).

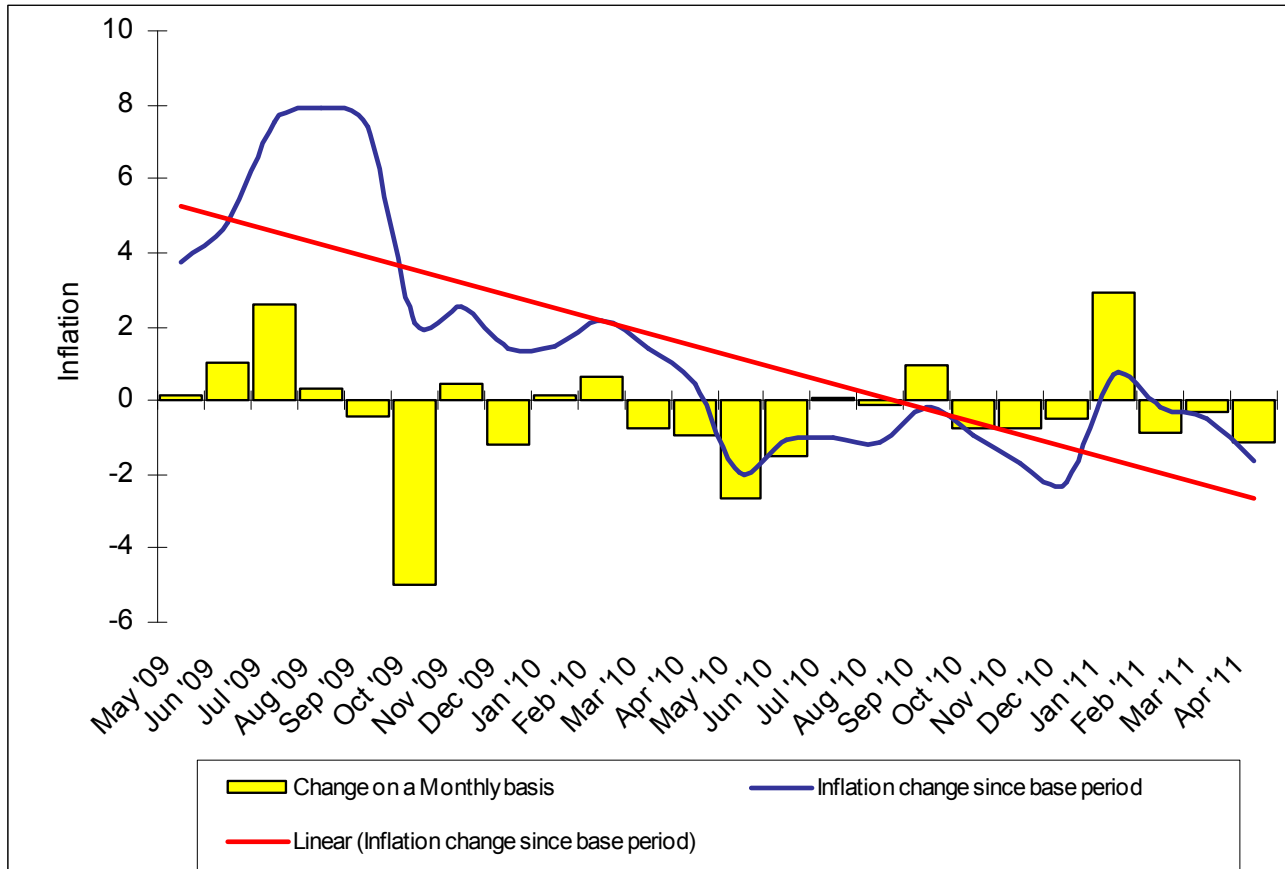
Food and Miscellaneous contributed with mere matching declines with **2.26** and **2.05** percent. Within Food, the main contributors towards the group decline are linked to onions (42.27%), potatoes, (28.02%), coffee (23.95%), tea (13.60%), soft drinks (10.45%), cigarettes (9.84%), rice (9.42%) and cooking oil (8.41%). Other small yet significant drops are traced to baby food (2.70%) and dozen eggs (1.42%). As for Miscellaneous, the falls for a bar of soap (13.11%) and deodorant (1.46%) have driven the change. Lastly Clothing posted an insignificant drop of **0.84** percent and it's impacted by the slight decrease of nappies (4.38%).

To offset the deflation, Transport & Communications index posted the only annual increase of **3.20** percent and major factors impacting the variation is traced to modest growth of transport fuel in petrol and diesel with 5.41 and 5.37 percent respectively.

3. All Groups CPI Series

The All Groups CPI Series (Chart 3) presents historical data for the past 24 months which have two measuring components. First the bar graphs point out the percentage movements of the All Groups CPI from one month to the other. The line graph depicts the percentage change from CPI base period (August 2010) to corresponding monthly CPIs.

Chart 3. All Groups CPI Monthly variables and Inflation trend since base period



3.1 Historical Movement

The present All groups change since base period mirror a constant decline of 1.88 percent after (0.51%) reduction in March. It is observed that May 2009 till April 2010 inflationary change since base period has reported positive inflation whilst a majority of the latter in May 2010 up till now is in deflation. The volatility of the All groups is attributed by small variations of the Food group which has eased off in recent times. The Linear trend clearly illustrates the downward trends.

Similarly with the latter, same narrative observations when scrutinizing the monthly fluctuations over the past 24 months of inflation volatility. Current inflationary deflation have been reported for three consecutive months after the sharp rise in January 2011 with the Food group in particular the rice index rising sharply. Easing of the All groups is the basis from this change.

4. Conclusion

Although the CPI registered a slight decline during the April 2011 and annual estimates, nonetheless, high and volatile prices still pose a threat to middle and lower income consumers in Nauru where an estimated 55 percent of household income is spent on food according to HIES 2006. Generally Nauruan workers hierarchy and foundation base consist mostly of lower income workforce and the impact of high prices are felt most strongly by this class as they spend a high proportion of their earning on food.

Nauru is an import dependent economy therefore inflation convergence from trading countries is unavoidable which usually include high and volatile commodity prices. According to Food Outlook report in 2012 it is forecast that commodity prices particularly Food will remain high for the rest of the year and into 2012. With high prices inflicting more hardship and threatening the quality of life to the Nauruan consumers especially to the low income class.

				01 AUG '08	MAR '11		APR '11	
REF-NO	ITEM NAME	DESCRIPTION	WEIGHT	BASE PRICE	PRICE	INDEX	PRICE	INDEX
	<u>RICE & OTHER CEREALS</u>							
1010	Rice	Imported rice/sunwhite/bag/25kg	15.48	41.00	41.00	15.48	41.67	15.73
1020	Bread (sliced loaf)	Bread//white/local/sliced loaf	3.65	1.75	1.93	4.03	1.93	4.03
1030	Noodles	Noodles/sachet/85g	1.68	0.53	0.65	2.06	0.67	2.11
1040	Other bread and Biscuits	Dry biscuits/brand/250g	0.54	2.10	3.04	0.78	2.96	0.76
1050	Self raising	Imported Flour/self raising/1kg	0.39	2.50	3.76	0.59	3.86	0.60
	<u>MEAT</u>							
1060	Chicken	Imported Chicken/cuts/2kg	7.99	9.18	8.30	7.22	8.10	7.05
1070	Canned Meat	Tinned beef/corned beef/imperial/326g	3.63	4.53	4.92	3.94	5.00	4.01
1080	Canned Meat	Tinned meat/luncheon/397g	1.69	2.43	1.73	1.21	1.73	1.21
1090	Sausages	Sausages/1pack/pork/1kg	1.07	7.33	4.05	0.59	4.05	0.59
	<u>SEAFOOD</u>							
1100	Fish	Tuna/Skipjack(bonita)/1 kg	2.50	6.00	6.00	2.50	4.00	1.67
1110	Canned Fish	Imported tinned mackerel/brand/425g	0.92	2.55	2.70	0.97	2.73	0.98
1120	Reef fish	Reef fish/1 kg	0.75	8.00	8.00	0.75	8.00	0.75
1130	Canned Fish	Tinned sardines/sardines/425g	0.50	2.35	3.28	0.70	3.03	0.64
	<u>FOOD, FRUIT & VEGETABLES</u>							
1140	Canned Tomatoes	Tinned tomatoes/brand/400g	0.71	1.97	2.09	0.75	2.09	0.75
1150	Onions and Chives	Onions/sea feight/1kg	0.34	3.95	3.46	0.30	3.36	0.29
1160	Potatoes	Potatoes/sea freight/1kg	0.14	3.90	3.63	0.13	3.28	0.12
	<u>DAIRY</u>							
1170	Butter	Imported butter/brand/250g	1.43	2.65	2.83	1.53	2.82	1.52
1180	Milk powder	Milk powder/brand/1kg	0.99	12.87	11.33	0.87	11.72	0.90
1190	Cooking Oil	Cooking oil/brand/750ml	0.52	4.57	4.90	0.56	4.90	0.56
1200	Fresh milk	Fresh milk/full cream/1litre	0.42	2.63	2.83	0.45	2.90	0.46
1210	Eggs	Imported Eggs/dozen/600g	0.29	5.47	6.22	0.33	5.80	0.31

				01 AUG '08	MAR '11		APR '11	
REF-NO	ITEM NAME	DESCRIPTION	WEIGHT	BASE PRICE	PRICE	INDEX	PRICE	INDEX
	<u>OTHER FOODS</u>							
1220	Soft drink	Soft drinks/brand/1can/375ml	0.96	1.03	1.03	0.96	1.00	0.93
1230	Sugar	Imported sugar/white/brand/2kg	4.60	4.10	4.63	5.20	4.65	5.22
1240	Soya sauce	Soya sauce/light/500ml	0.58	2.90	3.02	0.60	3.02	0.60
1250	Tea	Imported tea/100 bags/180g	0.49	4.60	3.23	0.34	3.28	0.35
1260	Coffee	Imported coffee/brand/100g	0.45	7.42	4.10	0.25	3.62	0.22
1270	Baby food	Baby food/heinz/vanilla custard/110g	0.44	1.27	1.46	0.51	1.44	0.50
	<u>TAKE AWAY</u>							
1280	Plate of food/Take away	Plate of food/take away	2.20	3.77	3.38	1.97	3.38	1.97
1290	Dinner out	Dinner for two/Formal/Reynaldo	0.36	22.50	22.50	0.36	22.50	0.36
	Sub total :	(Food group)	55.71			55.94		55.20
	<u>ALCOHOL & TOBACCO</u>							
1410	Beer	Beer/brand/1can/375ml	4.27	2.00	1.65	3.52	1.65	3.52
1420	Cigarettes	Cigarettes/Alpine brand/1packet/25 sticks	12.20	5.50	5.93	13.14	5.50	12.20
	Sub total :	(Alcohol & Tobacco group)	16.47			16.67		15.72
	<u>CLOTHING</u>							
1510	Nappies	Nappies/plastic/brand/size medium/20 per pack	0.81	17.04	13.70	0.65	13.10	0.62
1520	Mumu	Casual/imported formal dress/mumu size large	0.85	15.60	30.00	1.63	30.00	1.63
1530	T/Shirt	Imported T-shirt/duel sex/size large	0.37	10.65	12.50	0.43	12.50	0.43
	<u>FOOTWEAR</u>							
1540	Footwear	Shoes/womens slip-ons/size 9	0.14	3.00	14.35	0.67	14.35	0.67
	Sub total :	(Clothing group)	2.17			3.39		3.36
	<u>RENT</u>							
1610	Rent for dwelling per month	Rent unit/MQ/Location	0.23	75.00	75.00	0.23	75.00	0.23

				01 AUG '08	MAR '11		APR '11	
REF-NO	ITEM NAME	DESCRIPTION	WEIGHT	BASE PRICE	PRICE	INDEX	PRICE	INDEX
	<u>MAINTENANCE</u>							
1620	Ceramic tiles	Tiles/plastic tiles/size square cm/1case()	1.54	68.80	46.50	1.04	46.50	1.04
1630	Cement	Cement/bag/40 kg	0.76	20.60	23.00	0.85	23.00	0.85
1640	Paint	Paint/brand/enamel/4litre	0.51	62.63	60.00	0.49	60.00	0.49
1650	Timber	Timber/treated pine/4x2/4.8metres	0.44	47.00	38.00	0.36	32.00	0.30
	Sub total :	(Housing group)	3.48			2.96		2.91
	<u>BILLS</u>							
1710	Electricity bill	Electricity bill/kilowatt per hour	1.60	0.30	0.15	0.80	0.15	0.80
1720	Water bill	Water Bill/per 10 litre	0.35	0.03	0.03	0.35	0.03	0.35
	<u>APPLIANCES</u>							
1730	Freezer	Freezer	1.12	750.00	1016.25	1.52	1016.25	1.52
1740	Refridgerator	Refridgerator	0.73	1635.00	1232.50	0.55	1527.50	0.68
1750	Television	Television/brand/15 inch	0.71	369.50	448.67	0.86	448.67	0.86
1760	Washing machine	Washing machine/brand/5kg capacity	0.68	1195.00	993.17	0.57	993.17	0.57
	<u>FURNITURE</u>							
1770	Light fitting	Light fitting/brand/60watt globe	0.28	2.50	1.94	0.22	1.94	0.22
1780	Beds	Beds/single/foam-sponge	0.25	400.00	425.00	0.27	425.00	0.27
	<u>SUPPLIES</u>							
1790	Toilet paper	Toilet Paper/brand/1000 sheets	1.23	2.15	2.42	1.38	2.42	1.38
1800	Washing soap powder	Washing soap powder/brand/500g	0.71	5.60	4.32	0.55	4.37	0.55
1810	Mosquito coil	Mosquito coil/1packet/10coils/120g	0.69	1.14	1.27	0.77	1.23	0.75
1820	Dishwashing liquid	Dishwashing liquid/brand/500ml	0.30	3.48	3.48	0.30	3.17	0.27
1830	Batteries	Batteries/brand/1pack/2 x size D	0.17	2.52	5.53	0.37	5.53	0.37
	Sub total :	(Household Operations group)	8.82			8.50		8.59

REF-NO	ITEM NAME	DESCRIPTION	WEIGHT	01 AUG '08 BASE PRICE	MAR '11 PRICE	INDEX	APR '11 PRICE	INDEX
	<u>TRANSPORT & COMMUNICATIONS</u>							
1910	Petrol	Petrol/1 litre	5.34	2.00	1.61	4.29	1.62	4.32
1920	Airfair	Return ticket/Australia	2.88	1468.00	1258.00	2.47	1258.00	2.47
1930	Oil	Oil/brand/multi-grade/1litre	0.48	14.37	8.56	0.29	9.28	0.31
1940	Deisel	Diesel/1 litre	0.43	2.05	1.58	0.33	1.62	0.34
1950	Departure tax	Departure Tax	0.22	50.00	50.00	0.22	50.00	0.22
1960	Other communication	International call card to Australia/rate per hour	0.12	6.00	6.00	0.12	6.00	0.12
	Sub total :	(Transport & Communication group)	9.47			7.71		7.78
	<u>HEALTH</u>							
2010	Hospital charges	Hospital charges/Minor surgery	0.35	20.00	20.00	0.35	20.00	0.35
2020	Doctors/dentists fees	Doctors/dentist/Consultation fees	0.33	10.00	10.00	0.33	10.00	0.33
	<u>EDUCATION</u>							
2030	School clothing	School clothing/Shirts/shorts	0.34	10.00	10.00	0.34	10.00	0.34
2040	Books & schooling supplies	Exercise Books/brand/64pages	0.16	0.85	1.00	0.19	1.00	0.19
	<u>RECREATION</u>							
2050	Records, Cassettes,CD's	Blank CDR/brand/single/700mb	0.64	1.25	1.47	0.75	1.47	0.75
2060	Fishing equipment and supplies	Fishing hook/brand/Nickel coated/size 7/0	0.34	0.20	0.50	0.85	0.50	0.85
2070	DVD hire	DVD hire	0.16	2.00	2.00	0.16	2.00	0.16
	<u>PERSONAL PRODUCTS</u>							
2080	Bathing soap (liquid/bar)	Soap/bar/brand/100g	0.60	0.89	0.88	0.60	0.88	0.60
2090	Toothpaste	Toothpaste/brand/90g	0.17	2.63	2.38	0.15	2.38	0.15
2100	Deodorant, body spray	Deodorant/brand/body spray/100ml	0.13	3.90	4.93	0.16	5.08	0.17
	<u>MISCELANEOUS</u>							
2110	Overseas, Newspaper, Jounals	Magazine/PIM	0.36	4.95	5.00	0.36	5.00	0.36
2120	Dog food	Dog food/canned/700g	0.30	1.95	2.25	0.35	2.05	0.32
	Sub total :	(Miscellaneous group)	3.88			4.59		4.57
	GRAND TOTAL:	(all groups)	100.00			99.76		98.12

SUMMARY SHEET

GROUP	MAR '11 INDEX	APR '11 INDEX	DIFFERENCE	% INCREASE (+) DECREASE (-)
FOOD	55.94	55.20	-0.74	-1.32
ALCOHOL & TOBACCO	16.67	15.72	-0.94	-5.66
CLOTHING	3.39	3.36	-0.03	-0.84
HOUSING	2.96	2.91	-0.06	-1.90
HOUSEHOLD OPERATIONS	8.50	8.59	0.09	1.07
TRANSPORT & COMMUNICATION	7.71	7.78	0.07	0.85
MISCELLANEOUS	4.59	4.57	-0.03	-0.56
TOTAL	99.76	98.12	-1.64	-1.64

				01 AUG '08	APR '10		APR '11	
REF-NO	ITEM NAME	DESCRIPTION	WEIGHT	BASE PRICE	PRICE	INDEX	PRICE	INDEX
	<u>RICE & OTHER CEREALS</u>							
1010	Rice	Imported rice/sunwhite/bag/25kg	15.48	41.00	46.00	17.37	41.67	15.73
1020	Bread (sliced loaf)	Bread//white/local/sliced loaf	3.65	1.75	1.93	4.03	1.93	4.03
1030	Noodles	Noodles/sachet/85g	1.68	0.53	0.63	2.00	0.67	2.11
1040	Other bread and Biscuits	Dry biscuits/brand/250g	0.54	2.10	2.72	0.70	2.96	0.76
1050	Self raising	Imported Flour/self raising/1kg	0.39	2.50	3.06	0.48	3.86	0.60
	<u>MEAT</u>							
1060	Chicken	Imported Chicken/cuts/2kg	7.99	9.18	7.98	6.95	8.10	7.05
1070	Canned Meat	Tinned beef/corned beef/imperial/326g	3.63	4.53	4.67	3.74	5.00	4.01
1080	Canned Meat	Tinned meat/luncheon/397g	1.69	2.43	1.73	1.20	1.73	1.21
1090	Sausages	Sausages/1pack/pork/1kg	1.07	7.33	4.05	0.59	4.05	0.59
	<u>SEAFOOD</u>							
1100	Fish	Tuna/Skipjack(bonita)/1 kg	2.50	6.00	4.00	1.67	4.00	1.67
1110	Canned Fish	Imported tinned mackerel/brand/425g	0.92	2.55	2.73	0.98	2.73	0.98
1120	Reef fish	Reef fish/1 kg	0.75	8.00	8.00	0.75	8.00	0.75
1130	Canned Fish	Tinned sardines/sardines/425g	0.50	2.35	3.00	0.64	3.03	0.64
	<u>FOOD, FRUIT & VEGETABLES</u>							
1140	Canned Tomatoes	Tinned tomatoes/brand/400g	0.71	1.97	2.06	0.74	2.09	0.75
1150	Onions and Chives	Onions/sea feight/1kg	0.34	3.95	5.82	0.50	3.36	0.29
1160	Potatoes	Potatoes/sea freight/1kg	0.14	3.90	4.55	0.16	3.28	0.12
	<u>DAIRY</u>							
1170	Butter	Imported butter/brand/250g	1.43	2.65	2.73	1.47	2.82	1.52
1180	Milk powder	Milk powder/brand/1kg	0.99	12.87	11.62	0.89	11.72	0.90
1190	Cooking Oil	Cooking oil/brand/750ml	0.52	4.57	5.35	0.61	4.90	0.56
1200	Fresh milk	Fresh milk/full cream/1litre	0.42	2.63	2.80	0.45	2.90	0.46
1210	Eggs	Imported Eggs/dozen/600g	0.29	5.47	5.88	0.31	5.80	0.31

<u>REF-NO</u>	<u>ITEM NAME</u>	<u>DESCRIPTION</u>	<u>WEIGHT</u>	<u>01 AUG '08 BASE PRICE</u>	<u>APR '10 PRICE</u>	<u>INDEX</u>	<u>APR '11 PRICE</u>	<u>INDEX</u>
	<u>OTHER FOODS</u>							
1220	Soft drink	Soft drinks//brand/1can/375ml	0.96	1.03	1.12	1.04	1.00	0.93
1230	Sugar	Imported sugar/white/brand/2kg	4.60	4.10	4.53	5.09	4.65	5.22
1240	Soya sauce	Soya sauce/light/500ml	0.58	2.90	2.92	0.58	3.02	0.60
1250	Tea	Imported tea/100 bags/180g	0.49	4.60	3.80	0.40	3.28	0.35
1260	Coffee	Imported coffee/brand/100g	0.45	7.42	4.76	0.29	3.62	0.22
1270	Baby food	Baby food/heinz/vanilla custard/110g	0.44	1.27	1.48	0.51	1.44	0.50
	<u>TAKE AWAY</u>							
1280	Plate of food/Take away	Plate of food/take away	2.20	3.77	3.38	1.97	3.38	1.97
1290	Dinner out	Dinner for two/Formal/Reynaldo	0.36	22.50	22.50	0.36	22.50	0.36
	Sub total :	(Food group)	55.71			56.48		55.20
	<u>ALCOHOL & TOBACCO</u>							
1410	Beer	Beer/brand/1can/375ml	4.27	2.00	1.65	3.52	1.65	3.52
1420	Cigarettes	Cigarettes/Alpine brand/1packet/25 sticks	12.20	5.50	6.10	13.53	5.50	12.20
	Sub total :	(Alcohol & Tobacco group)	16.47			17.05		15.72
	<u>CLOTHING</u>							
1510	Nappies	Nappies/plastic/brand/size medium/20 per pack	0.81	17.04	13.70	0.65	13.10	0.62
1520	Mumu	Casual/imported formal dress/mumu size large	0.85	15.60	30.00	1.63	30.00	1.63
1530	T/Shirt	Imported T-shirt/duel sex/size large	0.37	10.65	12.50	0.43	12.50	0.43
	<u>FOOTWEAR</u>							
1540	Footwear	Shoes/womens slip-ons/size 9	0.14	3.00	14.35	0.67	14.35	0.67
	Sub total :	(Clothing group)	2.17			3.39		3.36
	<u>RENT</u>							
1610	Rent for dwelling per month	Rent unit/MQ/Location	0.23	75.00	75.00	0.23	75.00	0.23

				01 AUG '08	APR '10		APR '11	
<u>REF-NO</u>	<u>ITEM NAME</u>	<u>DESCRIPTION</u>	<u>WEIGHT</u>	<u>BASE PRICE</u>	<u>PRICE</u>	<u>INDEX</u>	<u>PRICE</u>	<u>INDEX</u>
	<u>MAINTENANCE</u>							
1620	Ceramic tiles	Tiles/plastic tiles/size square cm/1case()	1.54	68.80	46.50	1.04	46.50	1.04
1630	Cement	Cement/bag/40 kg	0.76	20.60	23.00	0.85	23.00	0.85
1640	Paint	Paint/brand/enamel/4litre	0.51	62.63	65.00	0.53	60.00	0.49
1650	Timber	Timber/treated pine/4x2/metres	0.44	47.00	38.00	0.36	32.00	0.30
	Sub total :	(Housing group)	3.48			3.00		2.91
	<u>BILLS</u>							
1710	Electricity bill	Electricity bill/kilowatt per hour	1.60	0.30	0.20	1.07	0.15	0.80
1720	Water bill	Water Bill/per 10 litre	0.35	0.03	0.03	0.35	0.03	0.35
	<u>APPLIANCES</u>							
1730	Freezer	Freezer	1.12	750.00	1016.25	1.52	1016.25	1.52
1740	Refridgerator	Refridgerator	0.73	1635.00	1527.50	0.68	1527.50	0.68
1750	Television	Television/brand/15 inch	0.71	369.50	448.67	0.86	448.67	0.86
1760	Washing machine	Washing machine/brand/5kg capacity	0.68	1195.00	993.17	0.57	993.17	0.57
	<u>FURNITURE</u>							
1770	Light fitting	Light fitting/brand/60watt globe	0.28	2.50	1.94	0.22	1.94	0.22
1780	Beds	Beds/single/foam-sponge	0.25	400.00	425.00	0.27	425.00	0.27
	<u>SUPPLIES</u>							
1790	Toilet paper	Toilet Paper/brand/1000 sheets	1.23	2.15	2.33	1.33	2.42	1.38
1800	Washing soap powder	Washing soap powder/brand/500g	0.71	5.60	4.93	0.63	4.37	0.55
1810	Mosquito coil	Mosquito coil/1packet/10coils/120g	0.69	1.14	1.18	0.72	1.23	0.75
1820	Dishwashing liquid	Dishwashing liquid/brand/500ml	0.30	3.48	3.17	0.27	3.17	0.27
1830	Batteries	Batteries/brand/1pack/2 x size D	0.17	2.52	5.53	0.37	5.53	0.37
	Sub total :	(Household Operations group)	8.82			8.85		8.59

				01 AUG '08	APR '10		APR '11	
<u>REF-NO</u>	<u>ITEM NAME</u>	<u>DESCRIPTION</u>	<u>WEIGHT</u>	<u>BASE PRICE</u>	<u>PRICE</u>	<u>INDEX</u>	<u>PRICE</u>	<u>INDEX</u>
	<u>TRANSPORT & COMMUNICATIONS</u>							
1910	Petrol	Petrol/1 litre	5.34	2.00	1.54	4.10	1.62	4.32
1920	Airfair	Return ticket/Australia	2.88	1468.00	1258.00	2.47	1258.00	2.47
1930	Oil	Oil/brand/multi-grade/1litre	0.48	14.37	9.22	0.31	9.28	0.31
1940	Deisel	Diesel/1 litre	0.43	2.05	1.54	0.32	1.62	0.34
1950	Departure tax	Departure Tax	0.22	50.00	50.00	0.22	50.00	0.22
1960	Other communication	International call card to Australia/rate per hour	0.12	6.00	6.00	0.12	6.00	0.12
	Sub total :	(Transport & Communication group)	9.47			7.54		7.78
	<u>HEALTH</u>							
2010	Hospital charges	Hospital charges/Minor surgery	0.35	20.00	20.00	0.35	20.00	0.35
2020	Doctors/dentists fees	Doctors/dentist/Consultation fees	0.33	10.00	10.00	0.33	10.00	0.33
	<u>EDUCATION</u>							
2030	School clothing	School clothing/Shirts/shorts	0.34	10.00	10.00	0.34	10.00	0.34
2040	Books & schooling supplies	Exercise Books/brand/64pages	0.16	0.85	1.00	0.19	1.00	0.19
	<u>RECREATION</u>							
2050	Records, Cassettes,CD's	Blank CDR/brand/single/700mb	0.64	1.25	1.47	0.75	1.47	0.75
2060	Fishing equipment and supplies	Fishing hook//brand/Nickel coated/size 7/0	0.34	0.20	0.50	0.85	0.50	0.85
2070	DVD hire	DVD hire	0.16	2.00	2.00	0.16	2.00	0.16
	<u>PERSONAL PRODUCTS</u>							
2080	Bathing soap (liquid/bar)	Soap/bar/brand/100g	0.60	0.89	1.02	0.69	0.88	0.60
2090	Toothpaste	Toothpaste/brand/90g	0.17	2.63	2.40	0.15	2.38	0.15
2100	Deodorant, body spray	Deodorant/brand/body spray/100ml	0.13	3.90	5.15	0.17	5.08	0.17
	<u>MISCELANEOUS</u>							
2110	Overseas, Newspaper, Jounals	Magazine/PIM	0.36	4.95	5.00	0.36	5.00	0.36
2120	Dog food	Dog food/canned/700g	0.30	1.95	2.05	0.32	2.05	0.32
	Sub total :	(Miscellaneous group)	3.88			4.66		4.57
	GRAND TOTAL:	(all groups)	100.00			100.98		98.12

SUMMARY SHEET

GROUP	APR '10 INDEX	APR '11 INDEX	DIFFERENCE	% INCREASE (+) DECREASE (-)
FOOD	56.48	55.20	-1.29	-2.28
ALCOHOL & TOBACCO	17.05	15.72	-1.33	-7.80
CLOTHING	3.39	3.36	-0.03	-0.84
HOUSING	3.00	2.91	-0.10	-3.23
HOUSEHOLD OPERATIONS	8.85	8.59	-0.26	-2.96
TRANSPORT & COMMUNICATION	7.54	7.78	0.24	3.20
MISCELLANEOUS	4.66	4.57	-0.10	-2.05
TOTAL	100.98	98.12	-2.86	-2.83

Technical Notes

Brief Explanation of the CPI

The Consumer Price Index (CPI) is a measure of the average change in prices over time of goods and services purchased by households. The basis of goods and services included in the CPI market basket is subsequently the basis for analysis of consumer spending from the Household Income & Expenditure Survey (HIES) carried out by the Bureau of Statistics in 2006. The bureau is mandated to publish monthly CPIs.

The CPIs are based on prices of food, clothing, beverages, fuels, transportation fares, household supplies and other goods and services that people buy for day-to-day living. Prices are collected each month across the island from 6 retail establishments, and other service providers associated within the CPI market basket. Prices of most goods and services are obtained through personal visits by Statistics staff and additional publications such as the Fuel Watch and public notices that reflect the goods and services within the CPI market basket. In calculating the index, price changes for the various items in each location are averaged together with weights that represent their importance. Local data are then combined to obtain a national average.

The index measures price change from a designated reference date. For the CPI, the reference base is 2008= 100.00. An increase of 16.5 percent from the reference base, for example, is shown as 116.5. This change also can be expressed in dollars as follows: the price of a base-period market basket of goods and services in the CPI has risen from \$10 in 2008 to \$11.65. For further details, contact the government operator at 557 3133 and ask for the Bureau of Statistics or extension 255.

Calculating index changes

Movements of the indexes from one month to another usually are expressed as percent changes, rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period, whereas percent changes are not. The example shown in the box on this page illustrates the computation of index point and percent changes.

Percent changes within the CPI publication reflects for (1) monthly, (2) annual and (3) historical trends since base period are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the current rate were maintained for the 3 periods specified in the latter.

Index point change		Visual calculation
CPI	202.416 (a)	(b) - (a) = (c)
Less previous index	201.8 (b)	
Equals index point change	0.616 (c)	
Percent change		
Index point difference	0.616	(c) ÷ (b) = (e)
Divided by the previous index	201.8 (d)	
Equals	0.003 (e)	
Results multiplied by one hundred	0.003 x 100	(e) x 100 = (f)
Equals percent change	0.3 (f)	