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MINISTRY OF NATIONAL PLANNING & DEVELOPMENT
Central Statistics Department

OFFICIAL RELEASE

Monthly Consumer Price Index
November 2016



2016

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SOMALILAND CONSUMER PRICE INDEX

Consumer Price Index (CPI) November, 2016

The Central Statistics Department of the Ministry of National Planning & Development (MoNP&D), has released the Consumer Price Index (CPI) for the month of November 2016 (Base year 2012=100)

The Annual Headline Inflation (Y-o-Y) for the year ending November 2016 declined to 0.9 percent compared to 2.0 percent recorded for the year ended October 2016.

Looking at a month on month [M-o-M] basis, the **Monthly Headline Inflation for November 2016** increased by 1.0 percent compared to a 1.2 percent that was registered for the month of October 2016.

Comparison of the CPI of November 2016 with the CPI of November 2015 (Y-o-Y)

The Annual Headline Inflation for the year ending November (Y-o-Y) 2016 was recorded at 0.9 percent where the annual food inflation was registered at 1.1 percent while the Non-food inflation was recorded at 0.7 percent.

The [Y-o-Y] price changes for the divisions with positive annual inflation are as follows: “Food and Non-Alcoholic Beverages by 1.7 percent”; “Housing, Water, Electricity, Gas and Other Fuels by 4.4 percent”. “Furnishings, Household Equipment and Routine Household Maintenance 4.8 percent”; “Health 9.3 percent”; “Communication by 6.1 percent”; “Education by 6.3 percent; Restaurants and Hotels by 5.1 percent

On contrary, The [Y-o-Y] price changes for the divisions that registered a drop in the annual inflation below zero percent are the following: Alcoholic Beverages, Tobacco and Narcotics by minus 3.0 percent “Clothing and Footwear” minus 2.0 percent; “Transport” minus 10.0 percent; “Recreation and Culture: minus 17.8 percent; “; and “Miscellaneous goods and services” minus 1.2 percent”.

Comparison of the CPI of November 2016 with the CPI of October 2016 (M-o-M)

An analysis on [M-o-M] basis of CPI for November 2016 compared with that of October 2016, shows that there are eight divisions, whose prices have generally increased, while the remaining four divisions their prices have generally declined during the month of November 2016, as listed below:

Divisions whose prices have gone up are: “Food and Non-Alcoholic Beverages by 1.2 percent”; “Housing, Water, Electricity, Gas and Other Fuels” 3.6 percent; “Furnishings, Household Equipment and Routine Household Maintenance” 2.1 percent “;Health” 1.6 percent “Communication” 0.4 percent; “Education” 0.1 percent, “Restaurants and Hotels” 4.2 percent, and “Miscellaneous Goods and Services” 2.6 percent.

Divisions whose prices have declined are: “Alcoholic Beverages, Tobacco and Narcotics” minus 3.0 percent; “Clothing and Footwear” minus 1.0 percent; “Transport” minus 3.1 percent; “Recreation and Culture” minus 0.1 percent”;

For more details about historical CPI numbers and the corresponding Inflation see Appendix 1, 2 attached.

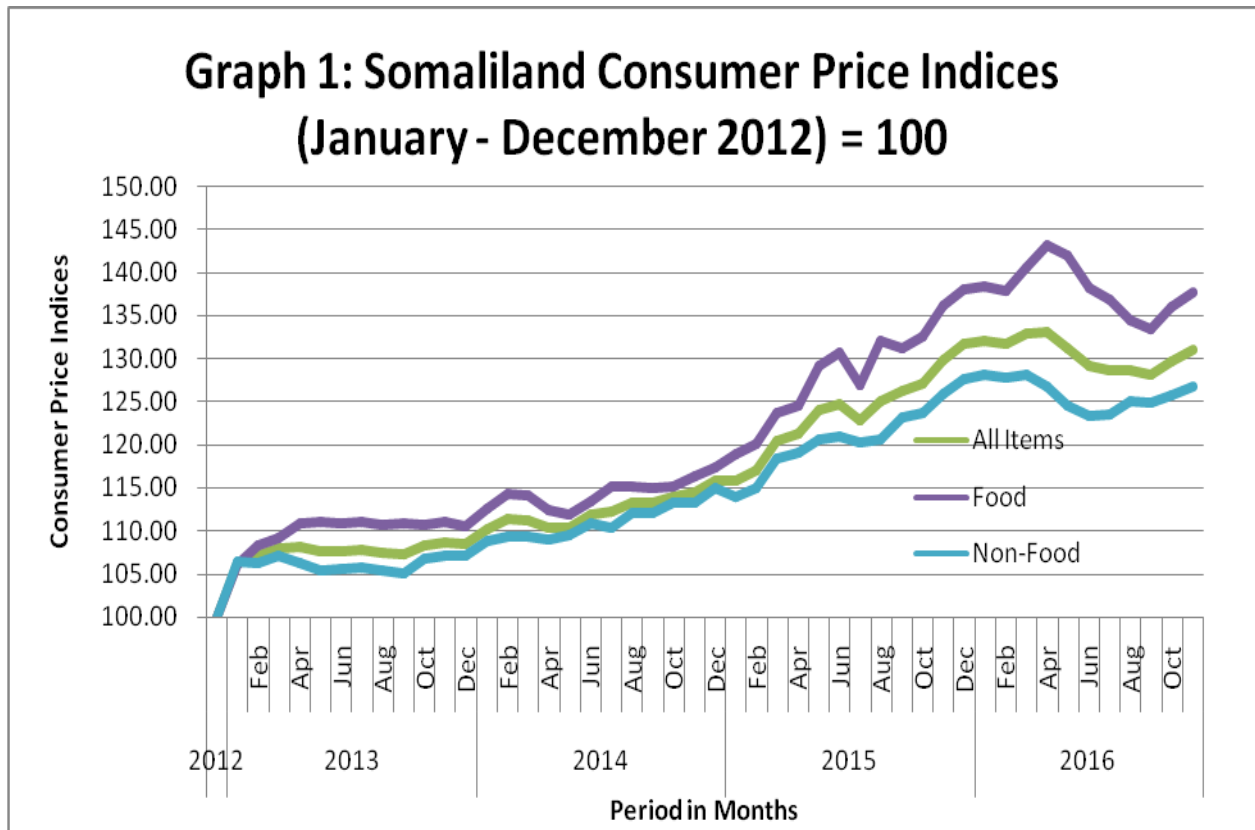
Table 1 below gives the CPI for September 2016 together with the inflation for Headline, food, non- food and all the 12 COICOP divisions.

Table 1 Base year 2012=100

COICOP Codes	Major Categories and Divisions	CPI Weights 2012 Calendar Year	Monthly Index Numbers			Inflation (Percentage Change) September 2016	
			November 2015	October 2016	November 2016	Y-o-Y (Annual)	M-o-M (Monthly)
	All Items (Headline)	1,000.0000	129.82	129.69	130.96	0.9	1.0
	Food	387.1043	136.16	135.92	137.65	1.1	1.3
	Non-Food	612.8957	125.82	125.75	126.74	0.7	0.8
01	Food and Non-Alcoholic Beverages	417.4920	135.80	136.52	138.13	1.7	1.2
02	Alcoholic Beverages, Tobacco and Narcotics	45.5716	155.29	155.31	150.59	-3.0	-3.0
03	Clothing and Footwear	57.3343	125.45	124.13	122.92	-2.0	-1.0
04	Housing, Water, Electricity, Gas and Other Fuels	141.0220	132.71	133.83	138.59	4.4	3.6
05	Furnishings, Household Equipment and Routine Household Maintenance	55.4872	119.32	122.44	125.04	4.8	2.1
06	Health	25.5464	120.75	129.93	132.03	9.3	1.6
07	Transport	88.5129	117.01	108.73	105.36	-10.0	-3.1
08	Communication	29.9332	117.15	123.81	124.27	6.1	0.4
09	Recreation and Furniture	22.4557	119.24	98.09	97.97	-17.8	-0.1
10	Education	36.8795	116.26	123.41	132.53	6.3	0.1
11	Restaurants and Hotels	33.5201	111.60	112.64	117.33	5.1	4.2
12	Miscellaneous Goods and Services	46.2451	126.86	122.15	125.32	-1.2	2.6

Graph 1: Somaliland Consumer Price Indices

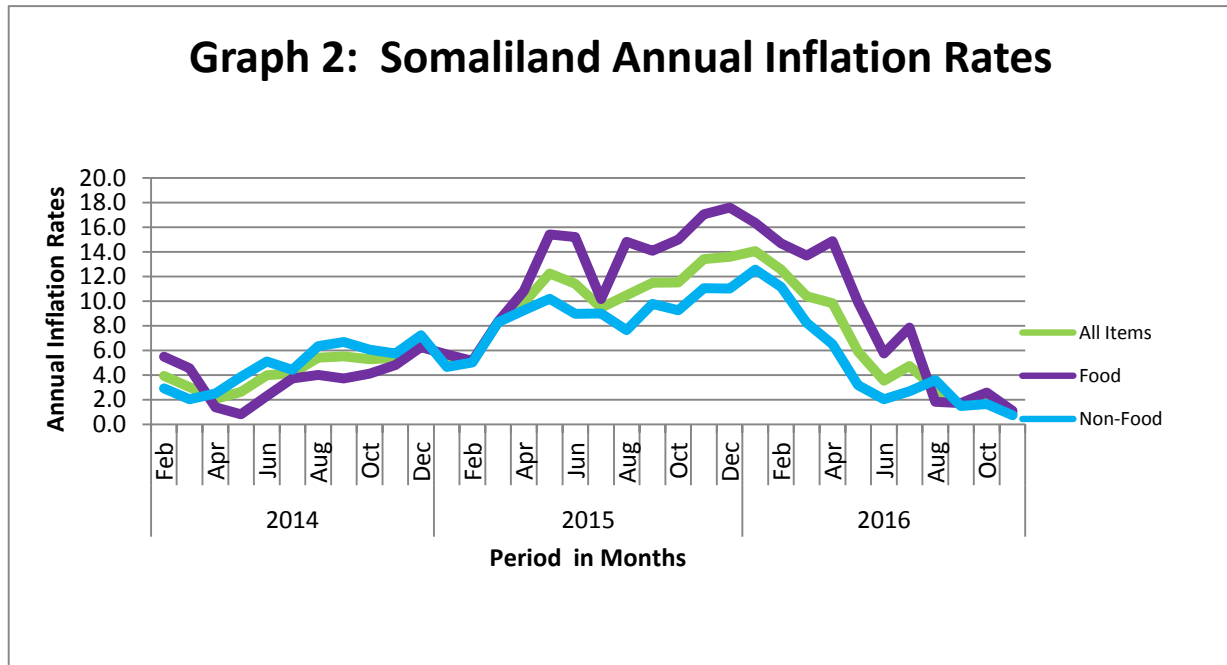
Graph 1 shows that price levels for food are still higher than those for non -food category through the entire period of index measurement. i.e. from January 2013 to November 2016 notwithstanding a persistent drop in the food prices during the months of May, June, July, August and November 2016.



Source: Central Statistics Department, MoNP&D.

Graph 2: Somaliland Annual Inflation Rates

Graph 2 also demonstrates that for the entire period i.e. January 2014 to November 2016, all the measured annual inflation numbers are positive. This is an indication of persistent increase in consumer prices within the Somaliland economy which has a negative impact on the welfare of the households more especially those with a fixed income together with those with very low income and without any savings at all. The same graph shows that food prices were unstable compared to non-food prices. Food prices changed more frequently and sharply mostly due the seasonal factors.



EXPLANATORY NOTES

1.1 CPI Weights:

The results of the 2012 Somaliland Household Survey (SHS) were used as a major source of data to compute weights for the Somaliland Consumer Price Index (CPI). The 2012 SHS was designed in such a way that household data was collected from the entire Somaliland. However, only the household final consumption expenditure data for the Hargeisa domain were analysed and used to compute the Somaliland CPI weights. This is due to the limited availability of resources.

The Somaliland CPI weights are based on the principal of Household Final Consumption (HFC) expenditure for Hargeisa. Both Monetary and non-monetary household final consumption were included during the computation of the Somaliland CPI weights.

The exclusion approach was used during the compilation of the Somaliland CPI weights. Thus, all illegal expenditures such as expenditure on alcoholic drinks were excluded during the compilation of the Somaliland CPI weights. In addition, due to practical reasons of regular collection of rental charges, imputed rents for owner-occupied dwellings were excluded.

The National approach was used during the computation of the CPI weights. Thus, the weights were compiled according to the “Resident Population” concept. This implies that the household final consumption expenditures were used as reported during the SHS irrespective of where the purchase of the consumable goods and services took place.

The plutocratic approach was followed during the compilation of the CPI weights. This means that the Somaliland CPI weights were computed as a total aggregated expenditure values rather than average household expenditure proportions. In addition, it also implies that all eligible expenditures for all households were included during the computation of the CPI weights, irrespective of the levels of expenditure whether for the category of the wealthiest or the poorest.

1.2 Classification

The classification used during the compilation of the Somaliland weights and the CPI is the Official United Nations Classification Of Individual Consumption according to Purpose (COICOP).

1.3 CPI Prices:

Prices used to compute the Somaliland CPI are of three categories. The first category comprises prices of items that are advertised and payable in Somaliland Shillings. Such prices are recorded and used directly to compute the CPI.

The second category, are the prices of items that are advertised and transacted in United States Dollars in a particular outlet. Such prices are converted to the equivalents in the national currency at the open market nominal exchange rate applying on the date of price collection.

The third category provides for the missing prices. Such prices are estimated using the recommended techniques of imputing missing prices

1.4 Calculation of the Index Numbers

The price reference period (base) for the Somaliland CPI is the 2012 calendar year. i.e. from January to December, 2012. This implies that the monthly index calculations started from January 2013. The Somaliland CPI has been calculated in two stages. The first stage is the computation of the Elementary Aggregate Indices while the second stage is the computation of the Higher Level indices.

1.4.1 Computation of the Elementary Aggregate Indices

The Elementary Aggregate Indices are calculated using the geometric mean (GM) method, commonly referred to as the Jevons index. This is the GM of the un-weighted price relatives. The short term approach is used during the computation of elementary aggregate indices. This is where price ratios or price relatives are computed between the current month and the previous month.

1.4.2 Computation of the Higher Level indices

These are the indices at levels above those of the elementary aggregate indices. They are in hierarchy starting with sub-class indices, class indices, group indices, division indices, food and non-food indices and all items indices. Higher level indices are calculated as a weighted arithmetic means of the indices for all the components within that higher level aggregate. For instance, a sub-class index is calculated as a weighted arithmetic means of all the Elementary Aggregate indices within that sub-class. A class index is calculated as a weighted arithmetic means of all the sub-class indices within that class etc... The construction of these indices is based on a Laspeyres-type Fixed Base Weight Index, being the price of the consumption basket at a given time as a percentage of its price in the base period.

1.5 Computation of the Monthly Inflation (M-o-M)

Monthly Inflation is calculated as the percentage change between the CPI of the current month and the CPI of the previous month.

1.6 Computation of the Annual Inflation (Y-o-Y)

Annual Inflation is calculated as the percentage change between CPI of the current month and the CPI of the same month but for the previous year;

For more information, contact

Mr. Hassan A. Jama
Director, Central Statistics Department (CSD)
Email: hassanjama196@gmail.com
Phone: +252 63 442 4980

Mr. Yasin Mohamed Eid
Principle Market Analysts expert Central Statistics Department (CSD)
Email: yhamse01@yahoo.com
Phone: +252634102060

Appendix 1: Somaliland Consumer Price Indices and Inflation Rates by Major Category (January - December 2012) = 100

		Consumer price Indices			Monthly Inflation Rates			Annual Inflation Rates		
Weight		All Items CPI	Food	Non - Food	All Items CPI	Food	Non - Food	All Items (Total)	Food	Non - Food
		1,000.0000	387.0796	612.9204						
Year	Month									
2012	Jan - Dec	100.00	100.00	100.00	-	-	-	-	-	-
2013	Jan	106.27	106.07	106.40	-	-	-	-	-	-
	Feb	107.10	108.33	106.32	0.8	2.1	-0.1	-	-	-
	Mar	107.95	109.21	107.15	0.8	0.8	0.8	-	-	-
	Apr	108.10	110.89	106.34	0.1	1.5	-0.8	-	-	-
	May	107.60	111.03	105.43	-0.5	0.1	-0.9	-	-	-
	Jun	107.64	110.95	105.55	0.0	-0.1	0.1	-	-	-
	Jul	107.77	111.05	105.70	0.1	0.1	0.1	-	-	-
	Aug	107.43	110.65	105.39	-0.3	-0.4	-0.3	-	-	-
	Sep	107.32	110.83	105.10	-0.1	0.2	-0.3	-	-	-
	Oct	108.28	110.68	106.77	0.9	-0.1	1.6	-	-	-
	Nov	108.63	110.99	107.15	0.3	0.3	0.4	-	-	-
	Dec	108.43	110.48	107.14	-0.2	-0.5	0.0	-	-	-
2014	Jan	110.25	112.53	108.81	1.7	1.9	1.6	3.7	6.1	2.3
	Feb	111.31	114.29	109.42	1.0	1.6	0.6	3.9	5.5	2.9
	Mar	111.20	114.17	109.33	-0.1	-0.1	-0.1	3.0	4.5	2.0
	Apr	110.33	112.42	109.00	-0.8	-1.5	-0.3	2.1	1.4	2.5
	May	110.44	111.94	109.50	0.1	-0.4	0.5	2.6	0.8	3.9
	Jun	111.92	113.49	110.93	1.3	1.4	1.3	4.0	2.3	5.1
	Jul	112.23	115.17	110.37	0.3	1.5	-0.5	4.1	3.7	4.4
	Aug	113.25	115.08	112.09	0.9	-0.1	1.6	5.4	4.0	6.4
	Sep	113.22	114.96	112.12	0.0	-0.1	0.0	5.5	3.7	6.7

Appendix 1: Somaliland Consumer Price Indices and Inflation Rates by Major Category (January - December 2012) = 100

Weight		Consumer price Indices			Monthly Inflation Rates			Annual Inflation Rates		
		All Items CPI 1,000.0000	Food 387.0796	Non - Food 612.9204	All Items CPI	Food	Non - Food	All Items (Total)	Food	Non - Food
	Oct	114.00	115.21	113.23	0.7	0.2	1.0	5.3	4.1	6.1
	Nov	114.48	116.32	113.31	0.4	1.0	0.1	5.4	4.8	5.8
	Dec	115.87	117.40	114.90	1.2	0.9	1.4	6.9	6.3	7.2
2015	Jan	115.82	118.90	113.88	0.0	1.3	-0.9	5.1	5.7	4.7
	Feb	116.95	120.17	114.91	1.0	1.1	0.9	5.1	5.1	5.0
	Mar	120.45	123.70	118.39	3.0	2.9	3.0	8.3	8.4	8.3
	Apr	121.21	124.57	119.09	0.6	0.7	0.6	9.9	10.8	9.3
	May	123.97	129.21	120.66	2.3	3.7	1.3	12.2	15.4	10.2
	Jun	124.70	130.74	120.89	0.6	1.2	0.2	11.4	15.2	9.0
	Jul	122.84	126.87	120.30	-1.5	-3.0	-0.5	9.5	10.2	9.0
	Aug	125.10	132.13	120.66	1.8	4.1	0.3	10.5	14.8	7.6
	Sep	126.22	131.17	123.09	0.9	-0.7	2.0	11.5	14.1	9.8
	Oct	127.12	132.50	123.71	0.7	1.0	0.5	11.5	15.0	9.3
	Nov	129.82	136.16	125.82	2.1	2.8	1.7	13.4	17.0	11.0
	Dec	131.63	138.06	127.57	1.4	1.4	1.4	13.6	17.6	11.0
2016	Jan	132.11	138.34	128.18	0.4	0.2	0.5	14.1	16.3	12.6
	Feb	131.63	137.82	127.72	-0.4	-0.4	-0.4	12.6	14.7	11.2
	Mar	132.98	140.64	128.15	1.0	2.0	0.3	10.4	13.7	8.2
	Apr	133.13	143.08	126.84	0.1	1.7	-1.0	9.8	14.9	6.5
	May	131.19	142.02	124.35	-1.5	-0.7	-2.0	5.8	9.9	3.1
	June	129.12	138.26	123.35	-1.6	-2.7	-0.8	3.5	5.7	2.0

Appendix 1: Somaliland Consumer Price Indices and Inflation Rates by Major Category (January - December 2012) = 100

Consumer price Indices				Monthly Inflation Rates			Annual Inflation Rates		
Weight	All Items CPI	Food	Non - Food	All Items CPI	Food	Non - Food	All Items (Total)	Food	Non - Food
	1,000.0000	387.0796	612.9204						
July	128.66	136.82	123.51	-0.4	-1.0	0.1	4.7	7.8	2.7
August	128.69	134.52	125.01	0.0	-1.7	1.2	2.9	1.8	3.6
September	128.21	133.41	124.92	-0.4	-0.8	-0.1	1.6	1.7	1.5
October	129.69	135.92	125.75	1.2	1.9	0.7	2.0	2.6	1.6
November	130.96	137.65	126.74	1.0	1.3	0.8	0.9	1.1	0.7

Source: Central Statistics Department, Ministry of National Planning and Development

Appendix 2: Somaliland Consumer Price Indices by COICOP Divisions (January - December 2012) = 100

Particulars		All Items	Food and Non-Alcoholic Beverages	Alcoholic Beverages, Tobacco & Narcotics	Clothing and Footwear	Housing, Water, Electricity, Gas and Other Fuels	Furnishings, Household Equipment and Routine Household Maintenance	Health	Transport	Communication	Recreation and Culture	Education	Restaurants and Hotels	Miscellaneous Goods and Services
Division Code			01	02	03	04	05	06	07	08	09	10	11	12
Weights		1,000.00	417.4884	45.6032	57.3741	141.1200	55.1646	25.5642	88.5743	29.9540	22.4314	36.9052	33.5434	46.2772
Year	Month													
2012	Jan - Dec	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2013	Jan	106.27	106.10	115.61	103.39	106.67	104.92	103.12	105.21	106.55	106.30	106.55	105.85	106.29
	Feb	107.10	108.30	115.06	104.12	106.44	104.67	102.92	105.17	106.12	106.23	106.11	105.71	105.93
	Mar	107.95	109.13	108.40	104.87	107.74	106.35	104.07	106.61	108.50	108.17	108.53	106.50	107.95
	Apr	108.10	110.69	96.62	105.86	107.76	106.37	104.08	106.48	108.53	107.87	108.55	106.51	107.97
	May	107.60	110.86	103.30	105.41	106.24	103.46	102.74	105.49	105.76	105.62	105.75	105.59	105.99
	Jun	107.64	110.92	103.00	105.56	106.25	103.48	102.76	105.64	105.79	105.68	105.78	105.60	106.01
	Jul	107.77	110.96	100.73	105.64	106.48	107.01	102.90	105.02	106.08	105.86	106.07	105.70	106.26
	Aug	107.43	110.68	98.27	105.68	106.79	106.73	102.68	104.02	105.62	105.10	105.61	105.54	106.25
	Sep	107.32	110.89	111.78	105.34	104.99	104.74	100.90	104.27	102.33	102.63	102.28	104.45	104.31
	Oct	108.28	110.81	121.28	105.71	106.29	105.79	101.74	104.71	104.06	104.12	104.03	105.02	105.77
	Nov	108.63	111.15	119.79	105.92	106.91	106.73	102.09	104.90	104.80	104.79	104.78	105.27	106.40
	Dec	108.43	110.70	115.8	106.30	107.23	107.07	102.37	105.05	105.37	105.50	105.36	105.46	106.88
2014	Jan	110.25	112.75	117.75	108.10	108.88	108.30	110.96	104.48	107.46	107.49	107.41	106.14	108.60

Particulars	All Items	Food and Non-Alcoholic Beverages	Alcoholic Beverages, Tobacco & Narcotics	Clothing and Footwear	Housing, Water, Electricity, Gas and Other Fuels	Furnishings, Household Equipment and Routine Household Maintenance	Health	Transport	Communication	Recreation and Culture	Education	Restaurants and Hotels	Miscellaneous Goods and Services	
Division Code		01	02	03	04	05	06	07	08	09	10	11	12	
Weights	1,000.00	417.4884	45.6032	57.3741	141.1200	55.1646	25.5642	88.5743	29.9540	22.4314	36.9052	33.5434	46.2772	
	Feb	111.31	114.40	121.42	109.42	109.44	108.48	111.00	104.50	107.54	107.63	107.50	106.16	109.03
	Mar	111.20	114.27	119.26	109.32	109.55	108.91	111.04	104.52	107.62	107.81	107.58	106.19	109.10
	Apr	110.33	112.68	109.18	109.78	109.54	109.40	111.08	106.59	107.70	107.86	107.66	106.22	109.17
	May	110.44	112.34	116.24	110.69	108.62	109.45	111.72	106.41	107.78	107.77	107.74	106.25	109.24
	Jun	111.92	114.03	114.32	110.74	113.73	109.50	111.76	107.74	107.86	108.25	107.83	106.27	109.31
	Jul	112.23	115.57	114.72	111.22	111.43	109.55	111.80	106.81	107.94	108.65	107.91	106.30	109.38
	Aug	113.25	115.58	118.08	112.14	111.94	110.04	112.61	113.35	108.75	109.38	108.73	106.57	110.06
	Sep	113.22	115.53	108.48	112.25	114.15	110.36	112.87	113.49	109.29	110.04	109.27	106.75	110.52
	Oct	114.00	115.84	109.86	112.89	115.22	111.51	113.79	113.98	111.20	111.74	111.20	107.38	112.14
	Nov	114.48	116.81	113.11	113.42	115.98	112.28	114.42	108.93	112.50	112.89	112.52	107.82	113.24
	Dec	115.87	117.94	122.08	113.70	118.32	112.76	114.80	109.13	113.29	113.50	113.32	108.08	113.91
2015	Jan	115.82	119.41	123.98	113.68	118.66	111.62	114.27	102.02	112.15	113.45	112.16	109.21	112.94
	Feb	116.95	120.55	136.07	113.89	118.87	111.74	114.29	102.08	112.36	114.24	112.38	109.28	113.12
	Mar	120.45	123.99	140.13	114.93	121.67	113.92	116.84	108.23	117.65	118.14	117.73	111.05	117.27
	Apr	121.21	124.85	151.75	115.46	122.72	114.45	115.47	108.80	114.23	115.73	113.97	109.85	117.01
	May	123.97	129.15	161.13	116.27	124.41	114.72	115.86	109.57	114.32	116.91	115.37	109.74	118.72
	Jun	124.70	130.57	150.34	118.96	125.66	115.32	116.93	112.66	114.53	117.04	113.66	109.75	119.18
	Jul	122.84	127.00	134.59	120.45	125.47	115.91	117.45	113.60	114.76	117.51	113.66	112.21	120.51
	Aug	125.10	131.87	134.93	122.02	125.63	116.33	117.64	113.74	114.71	117.56	113.66	112.29	121.69

Particulars	All Items	Food and Non-Alcoholic Beverages	Alcoholic Beverages, Tobacco & Narcotics	Clothing and Footwear	Housing, Water, Electricity, Gas and Other Fuels	Furnishings, Household Equipment and Routine Household Maintenance	Health	Transport	Communication	Recreation and Culture	Education	Restaurants and Hotels	Miscellaneous Goods and Services	
Division Code		01	02	03	04	05	06	07	08	09	10	11	12	
Weights	1,000.00	417.4884	45.6032	57.3741	141.1200	55.1646	25.5642	88.5743	29.9540	22.4314	36.9052	33.5434	46.2772	
	Sept	126.22	130.99	144.57	123.21	129.33	117.28	118.79	115.55	116.52	118.11	114.23	113.65	123.44
	Oct	127.12	132.23	138.39	124.72	131.08	118.11	121.20	116.01	116.51	118.92	115.47	113.79	125.87
	Nov	129.82	135.80	155.29	125.45	132.71	119.32	120.75	117.01	117.15	119.24	116.26	111.60	126.86
	Dec	131.63	137.65	167.45	126.74	133.37	119.13	121.31	118.35	117.93	121.96	117.33	111.83	128.21
2016	Jan	132.11	137.86	179.81	127.00	132.90	119.00	121.12	116.08	118.07	122.85	118.91	111.76	128.44
	Feb	131.63	137.75	180.42	127.24	133.24	119.76	121.29	110.16	120.72	121.53	118.27	112.06	126.75
	Mar	132.98	140.69	178.36	128.26	132.41	121.01	122.67	109.66	120.85	122.83	120.02	112.96	128.63
	Apr	133.13	143.12	172.41	128.95	128.22	120.63	122.84	110.43	120.49	122.54	118.80	112.89	127.86
	May	131.27	142.12	163.83	126.74	124.27	120.69	121.34	107.52	120.78	125.08	118.99	113.21	124.53
	June	129.12	138.61	152.50	125.30	127.20	120.08	122.20	103.99	120.84	123.05	119.34	114.10	120.82
	Jul	128.66	136.82	153.17	124.25	130.29	120.26	119.38	99.68	123.01	117.75	127.49	112.30	120.25
	Aug	128.69	135.11	157.87	124.04	132.27	120.89	134.37	100.34	124.08	116.46	123.09	115.28	120.47
	Sept	128.21	133.41	159.58	121.25	129.42	121.02	151.90	101.56	123.38	115.94	122.16	113.98	121.48
	Oct	129.69	135.92	155.31	124.13	133.83	122.44	129.93	108.73	123.81	98.09	123.41	112.64	122.15
	Nov	130.96	137.65	150.59	122.92	138.59	125.04	132.03	105.36	124.27	97.97	123.53	117.33	125.32

Source: Central Statistics Department, Ministry of National Planning and Development