

Oranjestad, Aruba date: 18-02-2008

Monthly change of the CPI

CPI and Inflation

The consumer price index (CPI)¹ of the total population of Aruba for the month of January 2008 is 133.6. This is 0.6% higher compared with the CPI of December 2007 [132.7]. An overview of the percentage change in CPI (Δ CPI) for different periods during 2007 and 2008 is shown in Table 1. The terms percentage change in CPI and “inflation” (deflation) are considered similar and are used interchangeably. The inflation over the last 12 months (end of period inflation) is 8.1% while the inflation over a period of 24 months (period average inflation) is 6.3%.

Table 1 Overview in Δ CPI

Period		2008	2007
Current Month	Dec-Jan	0.6	2.6
Last 12 Months	Jan-Jan	8.1	4.8 ¹
Last 24 Months	Jan-Jan	6.3	3.7 ²

Source: Central Bureau of Statistics Aruba

¹ End of period inflation

² Period average inflation

Figure 1 depicts the monthly Δ CPI over a period of one year starting from January 2007, whereas the Δ CPI for the month January for the years 1999 through 2008 is illustrated in Figure 2.

Changes in sector

Figure 3 provides an overview of the percentage changes for the indexes per sector for January 2008. The percentage change in index is further denoted as Δ I. The largest Δ I is observed for the sector “Housing group” [+1.8%] and “Household operation group” [-0.1%].

Changes in categories and subcategories

The largest Δ I in the categories are for “Water supply” [+3.7%] and “Household supplies” [-2.7%]. The major Δ I² in the “Transport & communication group” is observed for the category “Vehicle supplies” which decreased by 1.2%. This decrease is due to a decrease in gasoline prices [2.4%]. The main Δ I in the sector “Food” are for the categories: “Meat, poultry, game, fish and shellfish” [+2.4%] and “Dairy products” [+2.3%]. The other categories show a change between -0.6 % and 2.1 %. In the same fashion the largest Δ I for the sector “Clothing and footwear Group” is observed for the category “Footwear” [-0.3%].

The subcategories which mainly influenced the CPI calculation due to their weight in the basket of goods and services are “Gasoline”, “Water” and “Electricity”, which had a total influence of 0.24%. Reference is made further to Appendix 1. This table provides an overview of the indexes for the months January 2007 up to and including January 2008 together with corresponding weight per sector and the monthly, yearly & year to date percentage changes for January 2008.

Figure 1: Δ CPI per Month of 2007-2008

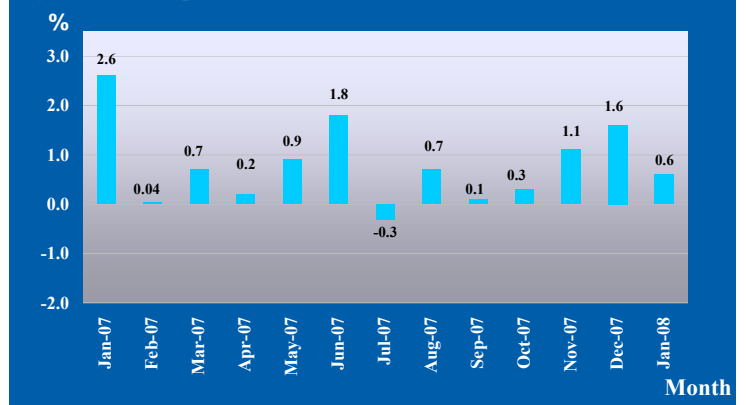


Figure 2: Monthly Δ CPI for January 1999-2008

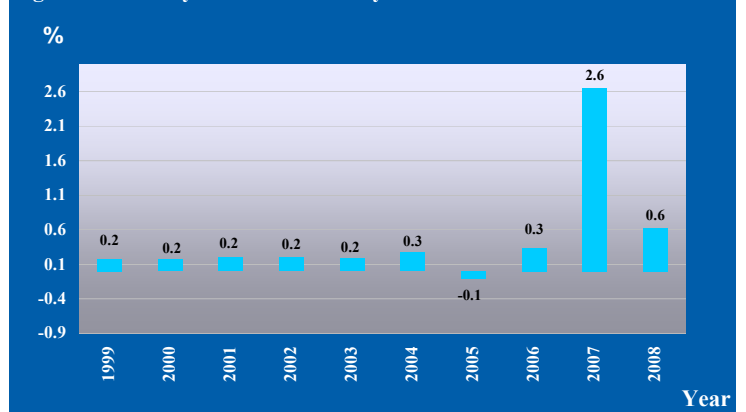
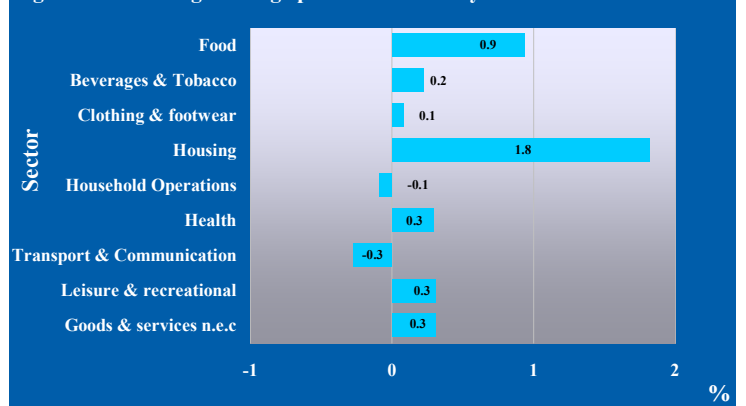


Figure 3: Percentage Change per Sector January 2008



¹ See methodology in “Consumer Price Index January 2007”.

² The focus is on the four major sectors which are; Housing, Transport & Communication, Food and Clothing & footwear. Together these sectors form 68 % of the total weight of the basket of goods & services.

APPENDIX 1: Monthly & Yearly Changes (%) for January 2008 for the Consumer Price Index Total Population (Sep 2000= 100.0)

DESCRIPTION	WEIGHT coefficient	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2008	Monthly change	Yearly change
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
Food	1,469	132.0	133.4	133.8	134.0	136.8	138.2	137.8	137.3	137.7	138.9	140.5	140.9	142.2	0.9	7.7
Grain and grain products	233	120.1	120.9	121.2	122.0	122.6	123.8	124.1	123.9	124.3	124.6	125.6	125.7	125.8	0.1	4.7
Meat, poultry, game, fish and shellfish	320	128.0	129.8	130.6	131.1	133.0	133.5	134.0	134.7	134.3	137.3	137.8	136.9	140.2	2.4	9.5
Fats and oils	28	125.1	125.2	124.9	125.2	126.0	129.6	128.4	130.1	130.0	130.6	131.3	132.5	132.8	0.2	6.1
Dairy products	149	140.3	141.4	143.1	145.0	145.4	145.9	147.9	150.2	151.7	153.0	160.8	166.7	170.4	2.3	21.5
Potatoes, vegetables and fruit	176	174.7	178.4	177.9	175.5	184.7	188.5	186.5	188.1	191.7	193.0	195.9	194.6	196.6	1.0	12.5
Sugar, sugarproducts and chocolate	30	114.1	114.1	113.9	113.9	116.4	112.9	111.7	111.1	111.0	109.7	113.3	112.6	112.0	-0.6	-1.9
Ready to eat meals	29	113.3	113.2	113.6	114.3	115.2	114.6	115.9	115.7	115.7	115.9	116.7	116.7	116.7	0.0	3.0
Take away beverages and meals	399	126.7	127.3	127.3	127.1	130.9	132.7	130.5	126.8	125.9	126.8	126.9	127.7	126.9	-0.6	0.2
Groceries n.e.c.	104	119.5	121.3	123.0	124.4	125.3	126.1	126.9	127.3	127.3	127.3	128.0	127.3	130.0	2.1	8.8
Beverages and tobacco products	219	122.3	125.5	126.7	128.0	129.3	129.7	130.3	131.1	131.8	131.6	132.3	131.1	131.4	0.2	7.4
Beverages	192	121.0	124.4	125.6	127.0	128.6	129.0	129.7	130.5	131.3	131.2	132.0	130.5	130.7	0.1	8.0
Tobacco products	27	131.3	133.4	134.4	134.6	134.5	134.7	134.5	135.2	134.9	135.0	135.0	135.0	136.0	0.8	3.6
Clothing and footwear group	1,086	134.7	136.7	137.1	134.0	127.5	127.6	126.7	127.9	130.0	129.8	129.4	137.5	137.6	0.1	2.2
Clothing and accessories	881	138.0	139.9	138.8	136.7	130.6	131.0	128.9	129.9	131.5	131.9	131.5	141.1	141.4	0.2	2.4
Footwear	204	120.1	122.8	129.9	122.3	114.2	113.0	117.2	119.2	123.5	120.6	120.5	122.0	121.6	-0.3	1.2
Housing group	2,296	130.4	128.9	129.3	129.4	133.0	139.3	140.6	143.0	142.1	143.3	147.2	148.9	151.6	1.8	16.3
Property Rent	717	133.8	134.2	134.6	134.9	135.3	135.7	136.1	136.5	136.9	137.3	137.7	138.1	138.5	0.3	3.5
Domestic Fuel and power	659	127.6	124.2	124.3	124.4	129.6	142.1	143.8	149.9	147.7	149.8	157.6	160.5	165.8	3.3	29.9
Property maintenance goods	500	124.3	124.2	125.4	125.4	128.8	126.2	127.9	128.1	128.3	128.1	128.7	130.1	130.4	0.2	4.9
Garden Supplies	61	171.7	171.7	172.1	172.2	173.6	194.9	195.9	177.3	177.4	178.5	180.2	182.2	183.5	0.8	6.9
Water Supply	358	130.0	126.0	126.0	126.0	133.3	150.0	151.9	158.5	155.5	158.6	167.3	169.8	176.1	3.7	35.5
Household operation group	1,002	120.4	120.8	121.5	122.7	124.1	124.8	122.4	122.6	124.1	122.1	123.1	124.0	123.9	-0.1	2.9
Furniture and lighting	133	109.1	109.0	109.3	115.7	115.6	133.5	109.7	109.5	109.6	104.5	102.1	102.1	102.2	0.1	-6.3
Floor coverings and household textiles	113	136.2	136.1	136.8	140.3	147.7	146.7	146.3	146.3	147.4	148.3	155.4	155.5	156.1	0.4	14.6
Home appliances and tools	163	112.4	113.0	114.0	110.6	107.3	101.3	96.8	97.2	104.4	96.1	96.2	96.0	96.7	0.8	-13.9
Household equipment and utensils	75	118.8	119.3	120.2	122.2	120.4	121.1	121.1	120.8	121.5	119.8	120.8	122.1	122.2	0.1	2.9
Household services	118	115.5	117.2	116.3	118.9	119.0	116.9	120.1	119.7	120.2	121.0	121.2	120.5	121.4	0.8	5.1
Housekeeping charges	227	124.6	124.8	125.6	125.8	127.2	129.3	128.9	129.6	129.8	130.3	131.8	133.7	134.6	0.7	8.0
Household supplies	173	125.0	125.2	126.9	126.9	132.1	127.2	134.4	134.7	135.0	134.0	134.6	137.5	133.8	-2.7	7.0
Health group	88	100.1	100.1	100.1	99.9	99.9	99.9	99.8	100.0	99.8	99.9	99.8	99.9	100.2	0.3	0.1
Health services	88	100.1	100.1	100.1	99.9	99.9	99.9	99.8	100.0	99.8	99.9	99.8	99.9	100.2	0.3	0.1
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Transport and communication group	1,967	112.4	111.2	113.5	115.2	116.7	117.9	116.6	116.9	116.2	116.8	117.6	119.9	119.6	-0.3	6.3
Own transport	544	102.4	102.4	102.4	102.4	102.4	102.4	102.4	103.6	104.5	104.8	106.3	107.7	108.8	1.0	6.2
Vehicle supplies	712	132.3	128.7	132.9	137.4	141.9	145.2	141.5	141.4	138.9	140.2	141.4	146.6	144.8	-1.2	9.5
Public Transport costs	249	103.2	103.2	105.3	105.4	105.5	105.8	105.8	105.9	105.9	105.9	106.1	106.4	106.5	0.1	3.3
Communication Services	462	98.6	98.7	101.3	101.3	100.9	100.6	100.7	100.7	100.7	100.7	100.3	100.4	100.3	0.0	1.7
Leisure and recreational goods	799	117.8	118.8	119.0	118.6	119.9	121.3	121.0	121.8	122.2	122.4	123.0	124.7	125.0	0.3	6.2
Costs incurred for recreational purposes	465	117.7	118.0	118.4	118.0	120.8	122.7	122.1	122.5	122.8	122.8	123.5	124.9	125.4	0.4	6.5
Admission charges to events and venues	89	123.6	123.6	124.5	124.7	125.9	128.1	127.7	128.6	128.7	129.1	130.6	132.7	133.6	0.6	8.1
Publications (no study material)	51	120.7	134.2	132.1	129.8	129.8	125.4	130.5	129.0	129.5	129.9	129.5	132.7	131.1	-1.1	8.7
Formal education fees	193	114.4	114.5	114.4	114.2	112.4	113.7	112.9	115.1	115.9	116.1	116.4	118.3	118.6	0.3	3.7
Goods and services n.e.c.	1,074	116.3	116.6	117.2	117.9	118.3	120.0	119.8	120.4	120.4	120.8	121.6	122.7	123.0	0.3	5.8
Toiletries and cosmetics	219	113.6	114.5	116.3	118.4	117.4	120.1	120.2	121.3	120.7	122.1	122.1	122.6	122.6	0.0	7.9
Insurance services	283	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	104.6	0.0	0.0
Other goods and services n.e.c.	438	122.9	123.2	123.6	124.2	125.3	127.5	126.9	127.6	127.9	128.2	129.5	131.3	132.0	0.5	7.4
Money Transfers	103	123.6	123.6	124.5	124.7	125.9	128.1	127.7	128.6	128.7	129.1	130.6	132.7	133.6	0.6	8.1
Unknown artic or not elsewhere classified	29	123.6	123.6	124.5	124.7	125.9	128.1	127.7	128.6	128.7	129.1	130.6	132.7	133.6	0.6	8.1
TOTAL INDEX	10,000	123.6	123.6	124.5	124.7	125.9	128.1	127.7	128.6	128.7	129.1	130.6	132.7	133.6	0.6	8.1

Source: Central Bureau of Statistics Aruba