

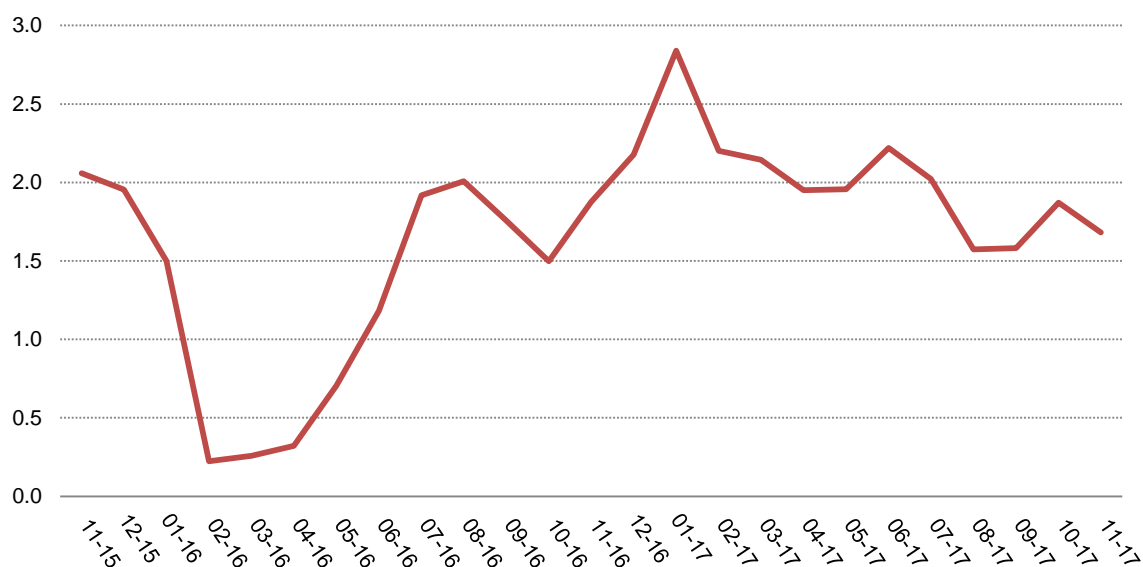
# Consumer Price Index

## November 2017

**Tirana, on December 11, 2017:** Consumer Price Index in November 2017 arrived 103.0 considerate December 2015 as reference period.

In November 2017 the annual rate of consumer price is 1.7 %. A year before the annual rate was 1.9 %.

Fig. 1 Annual rate of consumer price index

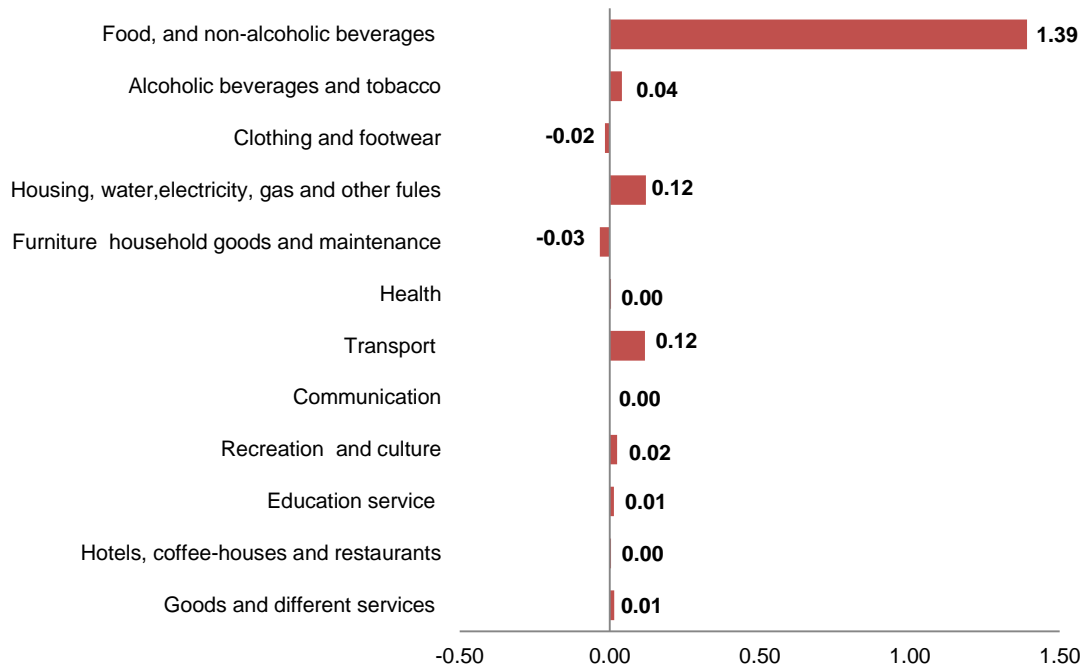


**Contribution of main groups in yearly changes of CPI:** Annual growth rate in November was push up mainly from “Food and non-alcoholic beverage” group by +1.39 p.p.. Prices of “Housing, water, electricity and other fuel” and “Transport” groups each of them contributed by +0.12 p.p.. Prices of “Alcoholic beverages and tobacco” group contributed by +0.04 pp. Prices of “Recreation and culture” group contributed by +0.02 p.p. Prices of “Education service” and “Different goods and service” groups each of them contributed by +0.01 p.p. Prices of “Furniture household goods and maintenance” and “Clothing and footwear” groups contributed respectively by -0.03 p.p. and -0.02 p.p..

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**Fig. 2 Contribute of main groups in annual rate**



**Yearly rate of main groups:** Compared to November 2016, prices increased the most in the group, “Food and non-alcoholic beverage” by 3.7 %, followed by “Transport” by 1.9 %, “Alcoholic beverages and tobacco” by 0.9 %, “Recreation and culture” by 0.8 %, “Housing, water, electricity and other fuel” by 0.6 %, “Education service” by 0.5 %, “Different goods and service” by 0.3 %, “Hotels, coffee-house and restaurants” by 0.2 %, etc. Within the food group prices of “fruits” subgroup are increased by 20.8 % followed by “vegetables include potatoes” subgroup by 11.0 %, “fish” by 4.4 %, “meat” by 1.9 %, etc. On the other hand prices of “oil and fats” subgroup decreased by 3.3 %, followed by “sugar, jam and dessert” by 3.1 %,

**Monthly rate of consumer price is -0.1 %.** Compared with October 2017 prices decreased the most in “Recreation and culture” by 1.5 %, followed by “Food and non-alcoholic beverage” by 0.8 %, The most increase of the prices was notice in the “Transport” groups by 1.3 %, followed by “Housing, water, electricity and other fuel” and “Health” group each of them by 0.4 %, etc.

**Tab. 1 Consumer Price Index**

December 2015=100

| Code | Groups   | Weights      | 11-16        | 12-16        | 01-17        | 02-17        | 03-17        | 04-17        | 05-17        | 06-17        | 07-17        | 08-17        | 09-17        | 10-17        | 11-17        |
|------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|      | <b>Total</b>                                     | <b>100.0</b> | <b>101.3</b> | <b>102.2</b> | <b>103.7</b> | <b>104.3</b> | <b>104.7</b> | <b>104.0</b> | <b>102.8</b> | <b>102.4</b> | <b>102.3</b> | <b>102.7</b> | <b>103.1</b> | <b>103.1</b> | <b>103.0</b> |
| 1    | Food, and non-alcoholic beverages                | 40.0         | 101.9        | 104.6        | 108.5        | 110.1        | 110.6        | 109.1        | 106.2        | 105.5        | 105.1        | 106.2        | 106.7        | 106.5        | 105.7        |
| 2    | Alcoholic beverages and tobacco                  | 4.4          | 100.9        | 101.3        | 101.4        | 101.4        | 101.7        | 101.9        | 101.7        | 101.7        | 101.6        | 101.6        | 101.6        | 101.5        | 101.7        |
| 3    | Clothing and footwear                            | 4.0          | 100.6        | 100.9        | 99.9         | 97.6         | 97.7         | 96.0         | 96.4         | 95.8         | 96.4         | 96.0         | 98.3         | 99.9         | 100.2        |
| 4    | Housing, water, electricity, gas and other fuels | 20.7         | 101.5        | 100.9        | 101.1        | 101.3        | 101.8        | 101.5        | 101.4        | 101.4        | 101.4        | 101.4        | 101.5        | 101.6        | 102.0        |
| 5    | Furniture household goods and maintenance        | 6.5          | 100.2        | 100.2        | 100.3        | 100.1        | 99.9         | 99.9         | 99.9         | 99.8         | 99.4         | 99.5         | 99.4         | 99.5         | 99.7         |
| 6    | Health   | 3.0          | 100.2        | 100.2        | 100.3        | 100.3        | 100.2        | 100.1        | 100.2        | 100.1        | 100.1        | 100.0        | 100.0        | 100.0        | 100.4        |
| 7    | Transport  | 6.2          | 99.5         | 99.2         | 99.4         | 98.9         | 99.9         | 100.4        | 99.7         | 99.3         | 99.7         | 100.2        | 100.3        | 100.0        | 101.3        |
| 8    | Communication                                    | 2.5          | 100.7        | 100.6        | 100.2        | 100.2        | 100.2        | 100.5        | 100.5        | 100.5        | 100.5        | 100.5        | 100.4        | 100.4        | 100.7        |
| 9    | Recreation and culture                           | 2.6          | 100.9        | 102.3        | 103.3        | 103.0        | 103.3        | 104.7        | 102.2        | 101.5        | 100.6        | 100.3        | 102.5        | 103.3        | 101.8        |
| 10   | Education service                                | 2.5          | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.7        | 100.9        | 101.3        | 101.3        |
| 11   | Hotels, coffee-houses and restaurants            | 2.9          | 100.0        | 100.1        | 100.1        | 100.2        | 100.2        | 100.2        | 100.2        | 100.1        | 100.1        | 100.1        | 100.1        | 100.1        | 100.2        |
| 12   | Goods and different services                     | 4.7          | 103.1        | 103.3        | 103.2        | 103.2        | 103.5        | 103.3        | 103.3        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        | 103.4        |

**Tab. 2 Annual rate of CPI**

| Code | Groups   | 11-16/11-15 | 12-16/12-15 | 01-17/01-16 | 02-17/02-16 | 03-17/03-16 | 04-17/04-16 | 05-17/05-16 | 06-17/06-16 | 07-17/07-16 | 08-17/08-16 | 09-17/09-16 | 10-17/10-16 | 11-17/11-16 |
|------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|      | <b>Total</b>                                     | <b>1.9</b>  | <b>2.2</b>  | <b>2.8</b>  | <b>2.2</b>  | <b>2.1</b>  | <b>1.9</b>  | <b>2.0</b>  | <b>2.2</b>  | <b>2.0</b>  | <b>1.6</b>  | <b>1.6</b>  | <b>1.9</b>  | <b>1.7</b>  |
| 1    | Food, and non-alcoholic beverages                | 3.2         | 4.6         | 5.8         | 3.9         | 3.3         | 3.0         | 3.8         | 5.1         | 4.7         | 3.3         | 3.5         | 4.0         | 3.7         |
| 2    | Alcoholic beverages and tobacco                  | 1.5         | 1.3         | 0.9         | 0.6         | 0.5         | 1.0         | 0.8         | 0.8         | 0.7         | 0.7         | 0.6         | 0.4         | 0.9         |
| 3    | Clothing and footwear                            | 0.8         | 0.9         | 0.6         | -0.4        | -0.7        | -2.3        | -2.1        | -2.5        | -1.7        | -2.1        | -1.6        | -0.4        | -0.4        |
| 4    | Housing, water, Electricity, gas and other fuels | 1.5         | 0.9         | 0.4         | 0.6         | 1.1         | 0.9         | 0.9         | 0.9         | 1.1         | 1.1         | 1.1         | 1.1         | 0.6         |
| 5    | Furniture household goods and maintenance        | 0.7         | 0.2         | -0.1        | -0.2        | -0.1        | -0.3        | -0.4        | -0.5        | -1.1        | -0.9        | -0.8        | -0.2        | -0.5        |
| 6    | Health   | 0.2         | 0.2         | 0.2         | 0.2         | 0.1         | -0.1        | 0.2         | -0.1        | 0.0         | 0.1         | -0.2        | 0.0         | 0.2         |
| 7    | Transport  | -0.5        | -0.8        | 2.8         | 3.2         | 3.8         | 4.3         | 2.6         | 0.7         | 0.4         | 0.4         | 0.8         | 0.4         | 1.9         |
| 8    | Communication                                    | 0.7         | 0.6         | 0.2         | 0.2         | -0.1        | 0.6         | 0.6         | 0.5         | 0.6         | 0.6         | -0.1        | 0.0         | 0.0         |
| 9    | Recreation and culture                           | 0.8         | 2.3         | 3.1         | 2.8         | 3.2         | 4.5         | 2.0         | 0.6         | -1.1        | -1.1        | 0.8         | 2.1         | 0.8         |
| 10   | Education service                                | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 0.7         | 1.0         | 0.9         | 0.5         |
| 11   | Hotels, coffee-houses and restaurants            | 0.1         | 0.1         | 0.1         | 0.2         | 0.2         | 0.1         | 0.1         | 0.0         | 0.0         | 0.0         | 0.1         | 0.0         | 0.2         |
| 12   | Goods and different services                     | 2.7         | 3.3         | 3.2         | 3.0         | 3.4         | 3.1         | 3.0         | 3.2         | 3.4         | 3.0         | 0.1         | 0.2         | 0.3         |

Tab. 3 Monthly rate of CPI

| Code | Groups   | 11-16      | 12-16      | 01-17      | 02-17      | 03-17      | 04-17       | 05-17       | 06-17       | 07-17       | 08-17      | 09-17      | 10-17       | 11-17       |
|------|--|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|------------|------------|-------------|-------------|
|      | <b>Total</b>                                     | <b>0.1</b> | <b>0.9</b> | <b>1.5</b> | <b>0.5</b> | <b>0.4</b> | <b>-0.6</b> | <b>-1.2</b> | <b>-0.3</b> | <b>-0.1</b> | <b>0.4</b> | <b>0.4</b> | <b>0.04</b> | <b>-0.1</b> |
| 1    | Food. and non-alcoholic beverages                | -0.5       | 2.7        | 3.7        | 1.5        | 0.5        | -1.4        | -2.7        | -0.7        | -0.3        | 1.0        | 0.5        | -0.1        | -0.8        |
| 2    | Alcoholic beverages and tobacco                  | -0.3       | 0.4        | 0.1        | 0.0        | 0.3        | 0.2         | -0.2        | 0.1         | -0.1        | 0.0        | 0.0        | 0.0         | 0.2         |
| 3    | Clothing and footwear                            | 0.3        | 0.3        | -1.0       | -2.3       | 0.1        | -1.7        | 0.3         | -0.5        | 0.6         | -0.4       | 2.4        | 1.6         | 0.3         |
| 4    | Housing, water. Electricity, gas and other fuels | 1.0        | -0.6       | 0.2        | 0.2        | 0.5        | -0.3        | -0.1        | 0.0         | 0.0         | 0.0        | 0.1        | 0.1         | 0.4         |
| 5    | Furniture household goods and maintenance        | 0.6        | 0.0        | 0.1        | -0.1       | -0.2       | 0.0         | 0.0         | -0.1        | -0.4        | 0.1        | -0.1       | 0.1         | 0.2         |
| 6    | Health   | 0.3        | -0.1       | 0.1        | 0.0        | 0.0        | -0.1        | 0.1         | -0.1        | 0.0         | -0.1       | -0.1       | 0.0         | 0.4         |
| 7    | Transport  | -0.1       | -0.3       | 0.2        | -0.5       | 1.0        | 0.5         | -0.7        | -0.4        | 0.4         | 0.5        | 0.1        | -0.3        | 1.3         |
| 8    | Communication                                    | 0.2        | 0.0        | -0.4       | 0.0        | 0.0        | 0.3         | 0.0         | 0.0         | 0.0         | 0.0        | 0.0        | 0.0         | 0.2         |
| 9    | Recreation and culture                           | -0.3       | 1.4        | 0.9        | -0.3       | 0.4        | 1.3         | -2.4        | -0.7        | -0.9        | -0.3       | 2.2        | 0.8         | -1.5        |
| 10   | Education service                                | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0         | 0.0         | 0.0         | 0.0         | 0.0        | 0.2        | 0.3         | 0.0         |
| 11   | Hotels, coffee-houses and restaurants            | -0.1       | 0.0        | 0.0        | 0.1        | 0.0        | 0.0         | 0.0         | -0.1        | 0.0         | 0.0        | 0.0        | 0.0         | 0.0         |
| 12   | Goods and different services                     | -0.1       | 0.2        | 0.0        | -0.1       | 0.3        | -0.2        | 0.0         | 0.1         | 0.0         | 0.0        | 0.0        | 0.0         | 0.0         |

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# Methodological explanatory

## - **New developments and methodological changes in 2017**

In January 2017 some methodological changes and new developments were carried out in CPI:

- Weights are changed; they are now based on the average expenditure from 2015 Household Budget Survey.
- At the same time was updating the list of goods and service. This year list of goods and service content 332 product
- The list of the outlets where the prices are collected is updated.

## - **Definitions**

The annual rate measures the price change between the current month and the same month of the previous year. This measure is responsive to recent changes in price levels but can be influenced by one-off effect in either month

The monthly rate measures the price change between current month and previous month. Although up-to-date it can be affected by seasonal and other effects.

The 12-month average rate compares average Consumer Price Indices ant the latest 12 month to the average of the previous 12 months.