

Inflation measures by population subgroups

Year 2013

In April 2013, Istat started the release of a new set of indicators with the aim of providing a measure of the effects of the inflation on five different population subgroups, defined according to the consumption expenditure level of the households.

The five subgroups have been identified sorting households on the basis of the amount of equivalent expenditure (that is calculated taking into account the size of each household) and then dividing them in 5 subgroups of the same size so that in the first group there are the households with the lowest level of expenditure and in the last group those ones with the highest level of expenditure. For each of the previous groups, different weighting schemes were estimated.

The indices of five subgroups share the set of basic information (basket of products and price elementary data) and the methodology of Italian Hicp but they differ with one another for the system of weights used for their calculation.

In the last quarter of 2013, inflation rates of the households of first subgroup of population declined to 0.4% as compared to 2.5% in the first quarter of the year; in the same period, the inflation rate of the last group decreased from 1.8% to 0.8% (Table 1 and Figure 1).

As a result, annual inflation rates for the first and the last population subgroups declined respectively to 1.3% and 1.2% in 2013 as compared to 4.2% and 2.9% in 2012.

The closing of the spread of the inflation rates calculated for the households of the extreme subgroups was mainly due on one hand to the decrease of prices of energy products that, for the first subgroup, have a higher weight and pushed the decline of inflation and on the other hand to the development of the prices of services related to transport, which accounted for the inflation slowdown for the households with the highest level of expenditure.

FIGURE 2 – HARMONIZED INDICES OF CONSUMER PRICES FOR POPULATION SUBGROUPS

Years 2008-2013, annual rates of change (percentage)

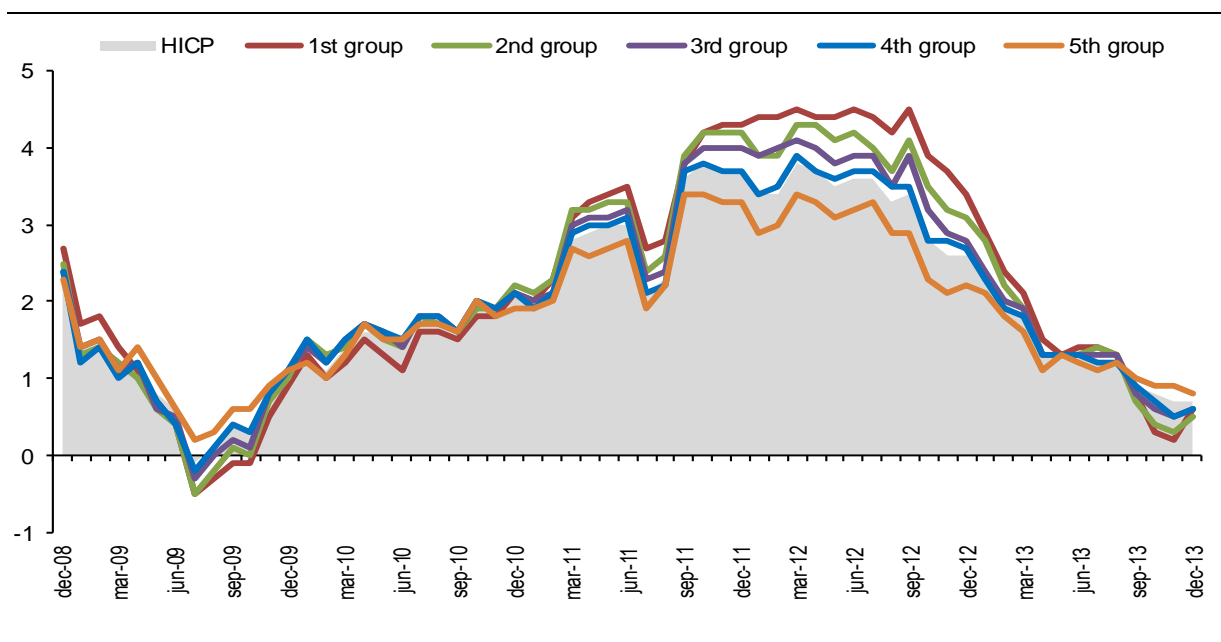


TABLE 1 – HARMONIZED INDICES OF CONSUMER PRICES FOR POPULATION SUBGROUPS

Years 2012-2013, annual rates of change (percentage)

	weights	2012	2013	I quart.	II quart.	III quart.	IV quart.
All-items							
1°group	1,000,000	4.2	1.3	2.5	1.4	1.2	0.4
2°group	1,000,000	3.8	1.3	2.3	1.3	1.1	0.4
3°group	1,000,000	3.7	1.3	2.1	1.3	1.1	0.6
4°group	1,000,000	3.4	1.2	2.0	1.3	1.1	0.6
5°group	1,000,000	2.9	1.2	1.8	1.2	1.1	0.8
HICP	1,000,000	3.3	1.3	2.1	1.3	1.1	0.7
Goods							
1°group	702,561	5.0	1.4	2.8	1.4	1.1	0.3
2°group	648,495	4.7	1.2	2.5	1.2	0.9	0.2
3°group	609,612	4.7	1.0	2.2	1.0	0.7	0.2
4°group	572,657	4.4	1.0	2.0	1.0	0.7	0.2
5°group	550,479	3.4	0.9	1.7	0.7	0.6	0.4
HICP	588,077	4.2	1.0	2.0	0.9	0.7	0.3
Processed food (including tobacco)							
1°group	207,406	3.5	1.5	1.9	1.4	1.4	1.2
2°group	169,873	3.6	1.5	1.9	1.4	1.4	1.2
3°group	146,881	3.6	1.5	1.9	1.4	1.4	1.2
4°group	121,762	3.6	1.5	1.9	1.5	1.4	1.3
5°group	79,325	3.5	1.6	2.0	1.5	1.5	1.4
HICP	120,383	3.6	1.5	1.9	1.5	1.4	1.2
Unprocessed food							
1°group	144,247	2.3	2.8	3.2	3.8	3.2	1.0
2°group	116,409	2.4	2.8	3.2	3.8	3.1	0.9
3°group	97,279	2.4	2.8	3.2	3.7	3.1	1.0
4°group	82,667	2.4	2.8	3.3	3.8	3.1	1.0
5°group	53,958	2.4	2.7	3.3	3.8	3.0	0.8
HICP	81,733	2.4	2.7	3.2	3.8	3.1	0.9
Energy							
1°group	160,042	13.8	0.2	5.3	-0.7	-0.8	-2.7
2°group	134,576	14.0	-0.1	4.8	-1.1	-1.1	-3.0
3°group	120,029	14.1	-0.3	4.6	-1.3	-1.2	-3.1
4°group	102,845	14.1	-0.4	4.5	-1.4	-1.2	-3.1
5°group	70,238	13.6	-0.3	4.3	-1.4	-1.1	-3.0
HICP	100,192	13.9	-0.2	4.6	-1.2	-1.1	-3.0
Non-energy industrial goods							
1°group	190,866	2.2	1.1	1.2	1.2	0.7	1.3
2°group	227,637	1.9	0.8	1.0	0.9	0.5	1.0
3°group	245,423	1.9	0.6	0.7	0.7	0.3	0.9
4°group	265,383	2.0	0.6	0.6	0.7	0.2	0.8
5°group	346,958	1.7	0.6	0.8	0.5	0.3	0.9
HICP	285,769	1.8	0.6	0.7	0.6	0.3	0.8

	weights	2012	2013	I quart.	II quart.	III quart.	IV quart.
Services							
1°group	297,439	2.4	1.2	1.7	1.4	1.1	0.5
2°group	351,505	2.3	1.4	1.8	1.6	1.4	0.8
3°group	390,388	2.2	1.5	1.8	1.6	1.6	1.0
4°group	427,343	2.1	1.6	1.9	1.7	1.6	1.1
5°group	449,521	2.1	1.7	2.0	1.8	1.6	1.4
HICP	411,923	2.2	1.6	1.9	1.7	1.6	1.2
Services related to housing							
1°group	82,578	2.7	2.9	2.7	2.6	2.7	3.7
2°group	81,080	2.7	2.4	2.4	2.2	2.3	2.8
3°group	75,540	2.6	2.3	2.3	2.1	2.2	2.6
4°group	77,882	2.6	2.2	2.2	2.0	2.1	2.5
5°group	70,661	2.5	2.0	2.1	1.8	1.9	2.2
HICP	75,233	2.6	2.2	2.2	2.0	2.1	2.5
Services related to communication							
1°group	43,797	0.3	-4.8	-3.2	-2.9	-4.5	-8.4
2°group	35,087	-0.4	-4.9	-3.3	-2.9	-4.5	-8.7
3°group	29,888	-1.1	-5.0	-3.5	-3.0	-4.5	-8.8
4°group	26,765	-2.0	-5.2	-3.6	-3.1	-4.7	-9.3
5°group	20,067	-2.7	-5.4	-3.8	-3.2	-4.9	-9.7
HICP	26,738	-1.5	-5.1	-3.6	-3.1	-4.7	-9.1
Services related to recreation, including repairs and personal care							
1°group	88,039	2.0	1.6	1.9	1.5	1.5	1.5
2°group	129,056	1.8	1.6	1.8	1.6	1.5	1.5
3°group	154,355	1.8	1.6	1.8	1.6	1.5	1.5
4°group	177,950	1.6	1.5	1.7	1.6	1.3	1.4
5°group	171,417	1.5	1.4	1.6	1.4	1.0	1.4
HICP	159,052	1.6	1.5	1.7	1.5	1.2	1.4
Services related to transport							
1°group	51,500	4.4	2.4	3.6	2.7	2.6	0.9
2°group	65,717	4.2	2.8	3.5	2.8	3.0	1.7
3°group	79,232	3.9	2.8	3.1	2.7	3.3	1.9
4°group	81,595	3.9	2.9	3.2	2.8	3.5	2.2
5°group	101,183	3.9	3.1	3.6	2.9	3.3	2.6
HICP	85,218	4.0	2.9	3.4	2.8	3.3	2.2
Services miscellaneous							
1°group	31,525	2.4	2.0	2.3	2.1	1.8	1.8
2°group	40,565	2.8	2.0	2.3	2.1	1.9	1.8
3°group	51,373	2.6	2.0	2.3	2.2	1.8	1.7
4°group	63,151	2.6	2.0	2.3	2.2	1.9	1.7
5°group	86,193	2.3	2.1	2.5	2.3	2.0	1.8
HICP	65,682	2.4	2.1	2.4	2.3	1.9	1.8

For more detailed information, please refer to the Italian version

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