

Consumer Price Index

2016, October

Inflation 0.5 per cent in October

The year-on-year change in consumer prices calculated by Statistics Finland was 0.5 per cent in October. In September, inflation stood at 0.4 per cent. The slight rise in inflation was affected, for example, by increases in the consumer prices of the vehicle tax, hospital fees, dentist fees and Internet subscription charge from one year ago.

Inflation indicators in Finland, October 2016

| | Point figure | Annual change (%) | Monthly change (%) |
|----------------------------------------------------------------|--------------|-------------------|--------------------|
| Consumer Price Index 2015=100 | 100.8 | 0.5 | 0.2 |
| Cost-of-living Index 1951:10=100 | 1920 | | |
| Harmonised Index of Consumer Prices 2015=100 | 100.8 | 0.6 | 0.3 |
| Harmonised Index of Consumer Prices at Constant Taxes 2015=100 | 100.6 | 0.4 | 0.2 |

Consumer prices were raised in October by increases in the vehicle tax, hospital fees, dentist fees, Internet subscription charge and rents from one year ago. Compared with the previous year, interest on housing loans and consumer credits as well as consumer prices of mobile phones decreased most. Examined in the short-term, the rise of inflation was mostly influenced by higher consumer prices of petrol. From September to October, consumer prices changed by 0.2 per cent.

Each mid-month, Statistics Finland's interviewers collect altogether around 48,000 prices on nearly 500 commodities from approximately 2,700 outlets for the Consumer Price Index. In addition, some 1,000 items of price data are gathered by centralised collection.

According to preliminary data, inflation in the euro area was 0.5 per cent in October

According to the preliminary data on the Harmonised Index of Consumer Prices, the rate of inflation in the euro area was 0.5 per cent in October. In September, it stood at 0.4 per cent. The corresponding figure for Finland was 0.6 per cent in October.

The Harmonised Index of Consumer Prices does not include owner-occupancy, games of chance, interests on consumption and other credits, fire insurance on owner-occupied dwellings or the vehicle tax. The consumption items included in the Harmonised Index of Consumer Prices, as well as the rules governing its compilation, have been defined in EU regulations.

Eurostat's estimate of inflation in the euro area is based on preliminary data from the Member States and on the price development of energy. Eurostat will publish detailed data on Harmonised Indices of Consumer Prices for October on 17 November. Information of inflation in EU countries is available on Eurostat homepage, [eurostat](http://ec.europa.eu/eurostat/web/main) (<http://ec.europa.eu/eurostat/web/main>).

The year-on-year change in the Harmonised Index of Consumer Prices at Constant Taxes was 0.4 per cent in October

The year-on-year change in the Harmonised Index of Consumer Prices stood at 0.6 per cent in October and that in the Index at Constant Taxes measuring market inflation at 0.4 per cent. Over twelve months, the combined raising impact on consumer prices from changes in commodity tax rates was thus 0.2 percentage points. The month-on-month change in the Harmonised Index of Consumer Prices was 0.3 per cent and that in the Index at Constant Taxes 0.2 per cent in October.

Harmonised Index of Consumer Prices at Constant Taxes

The inflation measured by Consumer Price Index consists mainly of products and services priced by enterprises and the public sector, and value added and commodity taxes. Some 25 per cent of the private consumption described by the Harmonised Index of Consumer Prices (HICP) consists of value added or other taxes. The Harmonised Index of Consumer Prices at Constant Taxes (HICP-CT) is based on the HICP so the two indices have the same weight structure and price data. HICP-CT is calculated with a method which holds the tax rate constant relative to the reference period. When tax changes take place, the impact of the tax change on commodity prices is eliminated from HICP-CT. The price impact of the tax changes is obtained by comparing the development of the HICP and HICP-CT.

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Appendix tables

Appendix table 1. Consumer Price Index 2015=100 by commodity groups

| | | 1) Commodity group | | | | | | | | | | | | |
|------|----------------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 0 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 |
| 2016 | January | 99.6 | 99.5 | 100.2 | 95.0 | 99.9 | 99.2 | 102.8 | 98.1 | 100.7 | 99.7 | 101.8 | 100.9 | 100.0 |
| | February | 99.7 | 99.2 | 100.2 | 95.7 | 99.9 | 99.6 | 103.5 | 98.1 | 101.3 | 99.9 | 101.8 | 101.5 | 100.1 |
| | March | 100.1 | 99.4 | 100.3 | 100.5 | 100.1 | 100.2 | 105.6 | 98.0 | 100.9 | 99.8 | 101.8 | 101.5 | 99.9 |
| | April | 100.4 | 99.6 | 100.3 | 101.7 | 100.1 | 99.9 | 108.6 | 98.6 | 100.8 | 99.7 | 102.0 | 101.3 | 99.8 |
| | May | 100.3 | 98.5 | 100.4 | 101.8 | 100.4 | 100.0 | 108.6 | 99.4 | 101.7 | 99.1 | 102.0 | 101.3 | 99.8 |
| | June | 100.4 | 98.3 | 100.3 | 98.2 | 100.6 | 98.8 | 108.8 | 101.1 | 101.8 | 99.0 | 102.0 | 101.6 | 99.7 |
| | July | 100.3 | 98.8 | 101.7 | 93.3 | 100.6 | 97.4 | 108.3 | 101.5 | 101.4 | 99.3 | 102.0 | 102.4 | 99.5 |
| | August | 100.4 | 98.1 | 101.7 | 98.8 | 100.8 | 99.4 | 108.3 | 99.7 | 100.5 | 99.1 | 102.0 | 102.2 | 99.7 |
| | September | 100.5 | 98.1 | 101.7 | 100.9 | 100.8 | 100.4 | 108.5 | 99.9 | 101.1 | 99.1 | 103.2 | 101.9 | 99.6 |
| | October | 100.8 | 98.3 | 101.8 | 102.5 | 101.0 | 100.1 | 106.5 | 101.4 | 100.2 | 99.1 | 103.2 | 101.6 | 99.8 |
| 2015 | Annual average | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

1) 0=Consumer price index, 01=Food and non-alcoholic beverages, 02=Alcoholic beverages and tobacco, 03=Clothing and footwear, 04=Housing, water, electricity, gas and other fuels, 05=Furnishings, household equipment and routine maintenance of the house, 06=Health, 07=Transportation, 08=Communication, 09=Recreation and culture, 10=Education, 11=Restaurants and hotels, 12=Miscellaneous goods and services

Appendix table 2. Consumer Price Index 2015=100 by commodity groups, monthly and annual changes

| Commodity group | 2016 | | |
|-----------------------------------------------------------------------|---------|--------------------|-------------------|
| | October | | |
| | Weight | Monthly change (%) | Annual change (%) |
| 0 CONSUMER PRICE INDEX | 1000.0 | 0.2 | 0.5 |
| 01 FOOD AND NON-ALCOHOLIC BEVERAGES | 135.1 | 0.2 | -1.3 |
| 02 ALCOHOLIC BEVERAGES AND TOBACCO | 49.5 | 0.1 | 1.6 |
| 03 CLOTHING AND FOOTWEAR | 47.7 | 1.5 | -1.5 |
| 04 HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS | 246.2 | 0.2 | 0.3 |
| 05 FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE | 54.0 | -0.3 | 0.0 |
| 06 HEALTH | 48.8 | -1.9 | 6.9 |
| 07 TRANSPORT | 134.0 | 1.5 | 1.5 |
| 08 COMMUNICATION | 23.3 | -0.9 | 1.3 |
| 09 RECREATION AND CULTURE | 115.1 | 0.0 | -0.9 |
| 10 EDUCATION | 4.2 | 0.0 | 2.0 |
| 11 RESTAURANTS AND HOTELS | 68.6 | -0.2 | 1.5 |
| 12 MISCELLANEOUS GOODS AND SERVICES | 73.6 | 0.1 | -0.7 |

Appendix table 3. Cost-of-living Index 1951:10=100

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Ann Avg. |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|----------|
| 2016 | 1898 | 1900 | 1907 | 1913 | 1912 | 1913 | 1912 | 1913 | 1916 | 1920 | . | . | . |
| 2015 | 1897 | 1902 | 1908 | 1908 | 1907 | 1907 | 1902 | 1906 | 1908 | 1911 | 1908 | 1906 | 1906 |
| 2014 | 1900 | 1905 | 1909 | 1912 | 1907 | 1909 | 1907 | 1909 | 1920 | 1916 | 1913 | 1910 | 1910 |
| 2013 | 1870 | 1881 | 1889 | 1892 | 1892 | 1891 | 1891 | 1888 | 1894 | 1897 | 1894 | 1901 | 1890 |
| 2012 | 1840 | 1850 | 1857 | 1863 | 1864 | 1865 | 1861 | 1865 | 1872 | 1875 | 1869 | 1871 | 1863 |
| 2011 | 1783 | 1794 | 1804 | 1807 | 1808 | 1813 | 1808 | 1815 | 1823 | 1827 | 1829 | 1828 | 1812 |
| 2010 | 1729 | 1735 | 1744 | 1749 | 1747 | 1751 | 1742 | 1749 | 1757 | 1764 | 1768 | 1777 | 1751 |
| 2009 | 1732 | 1733 | 1734 | 1734 | 1731 | 1735 | 1724 | 1729 | 1732 | 1723 | 1725 | 1726 | 1730 |
| 2008 | 1695 | 1703 | 1719 | 1721 | 1730 | 1736 | 1734 | 1742 | 1750 | 1750 | 1741 | 1736 | 1730 |
| 2007 | 1632 | 1642 | 1655 | 1663 | 1661 | 1663 | 1662 | 1664 | 1671 | 1677 | 1680 | 1678 | 1662 |
| 2006 | 1595 | 1607 | 1612 | 1621 | 1623 | 1624 | 1620 | 1626 | 1629 | 1633 | 1634 | 1635 | 1622 |
| 2005 | 1575 | 1585 | 1591 | 1595 | 1591 | 1595 | 1591 | 1595 | 1604 | 1603 | 1598 | 1600 | 1594 |
| 2004 | 1572 | 1581 | 1576 | 1576 | 1578 | 1577 | 1575 | 1579 | 1585 | 1590 | 1583 | 1584 | 1580 |
| 2003 | 1569 | 1580 | 1584 | 1582 | 1580 | 1578 | 1570 | 1572 | 1579 | 1577 | 1575 | 1577 | 1577 |
| 2002 | 1548 | 1551 | 1559 | 1565 | 1569 | 1566 | 1563 | 1563 | 1568 | 1572 | 1568 | 1567 | 1563 |
| 2001 | 1514 | 1522 | 1529 | 1536 | 1548 | 1550 | 1542 | 1544 | 1552 | 1549 | 1543 | 1542 | 1539 |
| 2000 | 1466 | 1476 | 1485 | 1490 | 1497 | 1504 | 1505 | 1507 | 1519 | 1520 | 1519 | 1517 | 1501 |
| 1999 | 1434 | 1437 | 1441 | 1451 | 1455 | 1454 | 1452 | 1453 | 1457 | 1460 | 1460 | 1466 | 1452 |
| 1998 | 1427 | 1426 | 1429 | 1436 | 1435 | 1438 | 1435 | 1437 | 1441 | 1441 | 1438 | 1437 | 1435 |
| 1997 | 1398 | 1400 | 1405 | 1412 | 1415 | 1417 | 1417 | 1420 | 1423 | 1426 | 1425 | 1425 | 1415 |
| 1996 | 1390 | 1394 | 1396 | 1398 | 1401 | 1401 | 1400 | 1397 | 1400 | 1402 | 1398 | 1399 | 1398 |
| 1995 | 1383 | 1387 | 1388 | 1389 | 1390 | 1394 | 1393 | 1391 | 1393 | 1393 | 1389 | 1387 | 1390 |
| 1994 | 1357 | 1362 | 1365 | 1368 | 1368 | 1382 | 1382 | 1385 | 1388 | 1389 | 1385 | 1383 | 1376 |
| 1993 | 1354 | 1359 | 1360 | 1365 | 1366 | 1364 | 1361 | 1359 | 1362 | 1364 | 1362 | 1361 | 1361 |
| 1992 | 1320 | 1323 | 1327 | 1332 | 1333 | 1336 | 1334 | 1332 | 1337 | 1342 | 1344 | 1340 | 1333 |
| 1991 | 1283 | 1290 | 1291 | 1296 | 1302 | 1301 | 1300 | 1302 | 1304 | 1306 | 1307 | 1313 | 1300 |
| 1990 | 1223 | 1228 | 1232 | 1239 | 1245 | 1248 | 1250 | 1256 | 1262 | 1266 | 1266 | 1264 | 1248 |
| 1989 | 1137 | 1143 | 1156 | 1167 | 1171 | 1182 | 1181 | 1182 | 1195 | 1199 | 1199 | 1205 | 1177 |
| 1988 | 1075 | 1078 | 1084 | 1092 | 1101 | 1107 | 1106 | 1109 | 1119 | 1120 | 1123 | 1132 | 1104 |
| 1987 | 1035 | 1039 | 1044 | 1049 | 1050 | 1053 | 1053 | 1056 | 1060 | 1062 | 1062 | 1063 | 1052 |
| 1986 | 999 | 1003 | 1005 | 1009 | 1013 | 1018 | 1019 | 1021 | 1021 | 1024 | 1024 | 1025 | 1015 |
| 1985 | 955 | 959 | 968 | 973 | 983 | 985 | 986 | 987 | 989 | 990 | 991 | 992 | 980 |
| 1984 | 898 | 902 | 908 | 914 | 924 | 926 | 929 | 933 | 939 | 944 | 944 | 945 | 925 |
| 1983 | 830 | 834 | 839 | 849 | 860 | 871 | 875 | 876 | 881 | 883 | 891 | 890 | 865 |
| 1982 | 767 | 771 | 780 | 786 | 799 | 800 | 806 | 804 | 806 | 809 | 812 | 823 | 797 |
| 1981 | 693 | 699 | 708 | 717 | 727 | 731 | 734 | 736 | 745 | 752 | 752 | 755 | 729 |
| 1980 | 611 | 620 | 626 | 638 | 645 | 648 | 651 | 660 | 669 | 676 | 682 | 686 | 651 |
| 1979 | 560 | 567 | 571 | 576 | 578 | 582 | 585 | 588 | 593 | 596 | 601 | 604 | 583 |
| 1978 | 526 | 532 | 533 | 536 | 544 | 544 | 545 | 547 | 551 | 554 | 557 | 556 | 544 |
| 1977 | 476 | 482 | 489 | 493 | 500 | 506 | 510 | 518 | 520 | 522 | 524 | 525 | 506 |
| 1976 | 426 | 432 | 436 | 440 | 441 | 442 | 450 | 456 | 460 | 465 | 468 | 469 | 449 |
| 1975 | 364 | 369 | 375 | 383 | 387 | 388 | 394 | 399 | 405 | 411 | 415 | 418 | 392 |
| 1974 | 305 | 314 | 317 | 324 | 328 | 329 | 335 | 340 | 348 | 351 | 353 | 354 | 333 |
| 1973 | 265 | 267 | 269 | 272 | 277 | 280 | 288 | 292 | 295 | 297 | 299 | 303 | 284 |
| 1972 | 242 | 245 | 247 | 251 | 253 | 254 | 256 | 257 | 259 | 260 | 262 | 262 | 254 |
| 1971 | 228 | 229 | 231 | 232 | 233 | 237 | 239 | 241 | 243 | 243 | 244 | 245 | 237 |
| 1970 | 220 | 221 | 221 | 222 | 222 | 222 | 223 | 223 | 224 | 224 | 225 | 225 | 223 |
| 1969 | 215 | 215 | 214 | 216 | 216 | 217 | 217 | 217 | 218 | 218 | 218 | 218 | 217 |

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Ann Avg. |
|------|------|------|------|------|-----|------|------|------|-------|------|------|------|----------|
| 1968 | 205 | 207 | 210 | 211 | 211 | 213 | 213 | 213 | 214 | 215 | 215 | 215 | 212 |
| 1967 | 191 | 192 | 192 | 193 | 193 | 194 | 195 | 195 | 197 | 198 | 202 | 203 | 195 |
| 1966 | 181 | 181 | 182 | 183 | 184 | 184 | 185 | 186 | 187 | 188 | 189 | 189 | 185 |
| 1965 | 175 | 175 | 176 | 177 | 177 | 178 | 179 | 179 | 179 | 180 | 180 | 180 | 178 |
| 1964 | 164 | 165 | 167 | 169 | 170 | 170 | 170 | 171 | 172 | 173 | 173 | 174 | 170 |
| 1963 | 150 | 151 | 151 | 153 | 153 | 153 | 154 | 154 | 156 | 158 | 158 | 158 | 154 |
| 1962 | 143 | 143 | 144 | 145 | 146 | 146 | 148 | 148 | 148 | 150 | 150 | 150 | 147 |
| 1961 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 140 | 141 | 142 | 142 | 141 |
| 1960 | 136 | 136 | 137 | 138 | 138 | 138 | 139 | 138 | 138 | 139 | 140 | 140 | 138 |
| 1959 | 133 | 133 | 133 | 132 | 133 | 133 | 133 | 133 | 134 | 136 | 136 | 136 | 134 |
| 1958 | 129 | 130 | 130 | 132 | 133 | 132 | 132 | 132 | 132 | 132 | 133 | 133 | 132 |
| 1957 | 120 | 120 | 120 | 121 | 122 | 122 | 124 | 125 | 126 | 127 | 127 | 128 | 124 |
| 1956 | 104 | 107 | 108 | 108 | 110 | 110 | 111 | 112 | 113 | 113 | 118 | 118 | 111 |
| 1955 | 98 | 98 | 98 | 99 | 99 | 99 | 99 | 100 | 100 | 101 | 101 | 101 | 100 |
| 1954 | 104 | 104 | 103 | 104 | 104 | 103 | 104 | 104 | 104 | 104 | 98 | 98 | 103 |
| 1953 | 102 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 104 | 103 | 102 | 103 |
| 1952 | 102 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 102 | 102 | 102 | 101 |
| 1951 | . | . | . | . | . | . | . | . | . | 100 | 100 | 100 | . |

Appendix table 4. Year-on-year changes in the Consumer Price Index, per cent

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Ann Avg. |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|----------|
| 2016 | 0.0 | -0.1 | -0.0 | 0.3 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 0.5 | . | . | . |
| 2015 | -0.2 | -0.1 | -0.1 | -0.2 | -0.0 | -0.1 | -0.2 | -0.2 | -0.6 | -0.3 | -0.2 | -0.2 | -0.2 |
| 2014 | 1.6 | 1.3 | 1.1 | 1.1 | 0.8 | 0.9 | 0.8 | 1.1 | 1.3 | 1.0 | 1.0 | 0.5 | 1.0 |
| 2013 | 1.6 | 1.7 | 1.7 | 1.5 | 1.6 | 1.4 | 1.6 | 1.2 | 1.2 | 1.2 | 1.4 | 1.6 | 1.5 |
| 2012 | 3.2 | 3.1 | 2.9 | 3.1 | 3.1 | 2.8 | 2.9 | 2.7 | 2.7 | 2.6 | 2.2 | 2.4 | 2.8 |
| 2011 | 3.0 | 3.3 | 3.3 | 3.2 | 3.3 | 3.5 | 4.0 | 3.8 | 3.7 | 3.5 | 3.4 | 2.9 | 3.4 |
| 2010 | -0.2 | 0.1 | 0.6 | 0.9 | 1.0 | 0.9 | 1.1 | 1.2 | 1.4 | 2.3 | 2.5 | 2.9 | 1.2 |
| 2009 | 2.2 | 1.7 | 0.9 | 0.8 | 0.0 | -0.1 | -0.6 | -0.7 | -1.0 | -1.5 | -0.9 | -0.5 | 0.0 |
| 2008 | 3.8 | 3.7 | 3.9 | 3.5 | 4.2 | 4.4 | 4.4 | 4.7 | 4.7 | 4.4 | 3.6 | 3.5 | 4.1 |
| 2007 | 2.3 | 2.2 | 2.6 | 2.6 | 2.4 | 2.4 | 2.6 | 2.3 | 2.6 | 2.7 | 2.9 | 2.6 | 2.5 |
| 2006 | 0.8 | 0.9 | 0.9 | 1.3 | 1.7 | 1.7 | 1.9 | 1.9 | 1.5 | 1.8 | 2.1 | 2.2 | 1.6 |
| 2005 | 0.2 | 0.2 | 1.0 | 1.2 | 0.8 | 1.1 | 1.0 | 1.0 | 1.2 | 0.8 | 0.9 | 1.0 | 0.9 |
| 2004 | 0.2 | 0.1 | -0.5 | -0.4 | -0.1 | -0.1 | 0.3 | 0.4 | 0.4 | 0.9 | 0.5 | 0.4 | 0.2 |
| 2003 | 1.4 | 1.9 | 1.6 | 1.1 | 0.7 | 0.8 | 0.5 | 0.6 | 0.7 | 0.3 | 0.5 | 0.6 | 0.9 |
| 2002 | 2.3 | 1.8 | 1.8 | 1.8 | 1.3 | 1.1 | 1.7 | 1.4 | 1.0 | 1.5 | 1.6 | 1.7 | 1.6 |
| 2001 | 3.3 | 3.1 | 2.9 | 3.0 | 3.4 | 3.0 | 2.5 | 2.4 | 2.2 | 1.9 | 1.6 | 1.6 | 2.6 |
| 2000 | 2.2 | 2.7 | 3.1 | 2.7 | 2.9 | 3.5 | 3.7 | 3.8 | 4.2 | 4.1 | 4.0 | 3.5 | 3.4 |
| 1999 | 0.5 | 0.8 | 0.8 | 1.1 | 1.4 | 1.1 | 1.2 | 1.1 | 1.1 | 1.3 | 1.6 | 2.0 | 1.2 |
| 1998 | 1.9 | 1.9 | 1.8 | 1.8 | 1.5 | 1.5 | 1.1 | 1.1 | 1.3 | 1.1 | 0.9 | 0.8 | 1.4 |
| 1997 | 0.6 | 0.4 | 0.6 | 1.0 | 1.0 | 1.2 | 1.2 | 1.6 | 1.6 | 1.7 | 1.9 | 1.9 | 1.2 |
| 1996 | 0.5 | 0.5 | 0.6 | 0.7 | 0.7 | 0.4 | 0.5 | 0.4 | 0.5 | 0.7 | 0.7 | 0.8 | 0.6 |
| 1995 | 1.9 | 1.8 | 1.7 | 1.5 | 1.6 | 0.9 | 0.8 | 0.5 | 0.3 | 0.3 | 0.3 | 0.3 | 1.0 |
| 1994 | 0.2 | 0.3 | 0.4 | 0.2 | 0.2 | 1.3 | 1.6 | 1.9 | 1.9 | 1.9 | 1.7 | 1.6 | 1.1 |
| 1993 | 2.9 | 2.9 | 2.7 | 2.6 | 2.6 | 2.1 | 2.1 | 2.1 | 1.8 | 1.6 | 1.3 | 1.5 | 2.2 |
| 1992 | 2.9 | 2.6 | 2.8 | 2.8 | 2.4 | 2.7 | 2.6 | 2.4 | 2.6 | 2.7 | 2.8 | 2.1 | 2.6 |
| 1991 | 4.9 | 5.0 | 4.8 | 4.6 | 4.6 | 4.2 | 4.0 | 3.6 | 3.3 | 3.2 | 3.3 | 3.9 | 4.1 |
| 1990 | 7.5 | 7.4 | 6.5 | 6.2 | 6.2 | 5.6 | 5.9 | 6.2 | 5.6 | 5.5 | 5.6 | 4.9 | 6.1 |
| 1989 | 5.8 | 6.0 | 6.6 | 6.9 | 6.4 | 6.8 | 6.7 | 6.6 | 6.8 | 7.1 | 6.8 | 6.5 | 6.6 |
| 1988 | 4.2 | 4.1 | 4.1 | 4.4 | 5.1 | 5.3 | 5.2 | 5.2 | 5.6 | 5.6 | 5.9 | 6.5 | 5.1 |
| 1987 | 3.7 | 3.5 | 3.9 | 3.9 | 3.7 | 3.5 | 3.4 | 3.4 | 3.9 | 3.7 | 3.7 | 3.7 | 3.7 |
| 1986 | 4.5 | 4.6 | 3.8 | 3.7 | 3.0 | 3.3 | 3.3 | 3.4 | 3.3 | 3.5 | 3.3 | 3.4 | 3.6 |
| 1985 | 6.4 | 6.4 | 6.6 | 6.5 | 6.4 | 6.4 | 6.1 | 5.8 | 5.3 | 4.9 | 4.9 | 5.0 | 5.9 |
| 1984 | 8.3 | 8.2 | 8.1 | 8.0 | 7.4 | 6.4 | 6.4 | 6.7 | 6.6 | 6.9 | 6.0 | 6.1 | 7.1 |
| 1983 | 8.2 | 8.2 | 7.5 | 8.0 | 7.7 | 8.9 | 8.5 | 9.0 | 9.4 | 9.1 | 9.8 | 8.6 | 8.4 |
| 1982 | 10.7 | 10.3 | 10.2 | 9.6 | 9.8 | 9.4 | 9.8 | 9.3 | 8.1 | 7.6 | 7.9 | 9.0 | 9.3 |
| 1981 | 13.5 | 12.8 | 13.1 | 12.5 | 12.7 | 12.9 | 12.6 | 11.5 | 11.4 | 11.3 | 10.4 | 10.0 | 12.0 |
| 1980 | 8.9 | 9.3 | 9.7 | 10.7 | 11.6 | 11.2 | 11.3 | 12.3 | 12.9 | 13.3 | 13.5 | 13.7 | 11.6 |

Appendix table 5. Consumer Price Index 2010=100

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Ann Avg. |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| 2016 | 108.3 | 108.5 | 108.9 | 109.2 | 109.2 | 109.2 | 109.1 | 109.2 | 109.4 | 109.6 | . | . | . |
| 2015 | 108.3 | 108.6 | 108.9 | 108.9 | 108.8 | 108.8 | 108.6 | 108.8 | 108.9 | 109.1 | 108.9 | 108.8 | 108.8 |
| 2014 | 108.5 | 108.7 | 109.0 | 109.1 | 108.9 | 109.0 | 108.8 | 109.0 | 109.6 | 109.4 | 109.2 | 109.0 | 109.0 |
| 2013 | 106.7 | 107.4 | 107.8 | 108.0 | 108.0 | 108.0 | 107.9 | 107.8 | 108.1 | 108.3 | 108.1 | 108.5 | 107.9 |
| 2012 | 105.0 | 105.6 | 106.0 | 106.4 | 106.4 | 106.4 | 106.2 | 106.4 | 106.9 | 107.0 | 106.7 | 106.8 | 106.3 |
| 2011 | 101.8 | 102.4 | 103.0 | 103.2 | 103.2 | 103.5 | 103.2 | 103.6 | 104.1 | 104.3 | 104.4 | 104.4 | 103.4 |
| 2010 | 98.8 | 99.1 | 99.7 | 100.0 | 99.9 | 100.0 | 99.3 | 99.8 | 100.3 | 100.7 | 101.0 | 101.4 | 100.0 |

Appendix table 6. Consumer Price Index 2005=100

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Ann Avg. |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| 2016 | 118.9 | 119.0 | 119.5 | 119.8 | 119.8 | 119.8 | 119.8 | 119.8 | 120.0 | 120.3 | . | . | . |
| 2015 | 118.8 | 119.1 | 119.5 | 119.5 | 119.4 | 119.4 | 119.1 | 119.4 | 119.5 | 119.7 | 119.5 | 119.4 | 119.4 |
| 2014 | 119.0 | 119.3 | 119.6 | 119.8 | 119.5 | 119.5 | 119.4 | 119.6 | 120.2 | 120.0 | 119.8 | 119.6 | 119.6 |
| 2013 | 117.1 | 117.8 | 118.3 | 118.5 | 118.5 | 118.5 | 118.4 | 118.2 | 118.7 | 118.8 | 118.6 | 119.1 | 118.4 |
| 2012 | 115.2 | 115.9 | 116.3 | 116.7 | 116.7 | 116.8 | 116.6 | 116.8 | 117.3 | 117.4 | 117.0 | 117.2 | 116.7 |
| 2011 | 111.7 | 112.4 | 113.0 | 113.2 | 113.3 | 113.6 | 113.3 | 113.7 | 114.2 | 114.5 | 114.5 | 114.5 | 113.5 |
| 2010 | 108.3 | 108.7 | 109.2 | 109.5 | 109.4 | 109.7 | 109.1 | 109.6 | 110.0 | 110.5 | 110.7 | 111.3 | 109.7 |
| 2009 | 108.5 | 108.6 | 108.6 | 108.6 | 108.4 | 108.7 | 108.0 | 108.3 | 108.5 | 107.9 | 108.0 | 108.1 | 108.3 |
| 2008 | 106.2 | 106.7 | 107.6 | 107.8 | 108.4 | 108.8 | 108.6 | 109.1 | 109.6 | 109.6 | 109.1 | 108.7 | 108.3 |
| 2007 | 102.2 | 102.9 | 103.6 | 104.1 | 104.0 | 104.2 | 104.1 | 104.2 | 104.7 | 105.0 | 105.3 | 105.1 | 104.1 |
| 2006 | 99.9 | 100.7 | 101.0 | 101.5 | 101.6 | 101.7 | 101.5 | 101.9 | 102.0 | 102.3 | 102.3 | 102.4 | 101.6 |
| 2005 | 99.1 | 99.8 | 100.1 | 100.2 | 99.9 | 100.0 | 99.6 | 100.0 | 100.5 | 100.4 | 100.2 | 100.2 | 100.0 |

Appendix table 7. Harmonised Index of Consumer Prices 2015=100 by commodity groups

| Commodity group | 2016 | | The price impact of the tax changes per year, percentage point |
|-----------------------------------------------------------------------|-------------------|-------------------|----------------------------------------------------------------|
| | October | | |
| | HICP | HICP-CT | |
| | Annual change (%) | Annual change (%) | |
| 0 CONSUMER PRICE INDEX | 0.6 | 0.4 | 0.2 |
| 01 FOOD AND NON-ALCOHOLIC BEVERAGES | -1.3 | -1.3 | 0.0 |
| 02 ALCOHOLIC BEVERAGES AND TOBACCO | 1.6 | -1.3 | 2.9 |
| 03 CLOTHING AND FOOTWEAR | -1.5 | -1.5 | 0.0 |
| 04 HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS | 1.9 | 1.9 | 0.1 |
| 05 FURNISHINGS, HOUSEHOLD EQUIPMENT AND ROUTINE HOUSEHOLD MAINTENANCE | 0.0 | 0.0 | 0.0 |
| 06 HEALTH | 6.9 | 6.9 | 0.0 |
| 07 TRANSPORT | 0.4 | 0.5 | -0.1 |
| 08 COMMUNICATION | 1.3 | 1.3 | 0.0 |
| 09 RECREATION AND CULTURE | -1.2 | -1.2 | 0.0 |
| 10 EDUCATION | 2.0 | 2.0 | 0.0 |
| 11 RESTAURANTS AND HOTELS | 1.5 | 1.5 | 0.0 |
| 12 MISCELLANEOUS GOODS AND SERVICES | 0.3 | 0.3 | 0.0 |

1) HICP=Harmonised Index of Consumer Prices, HICP-CT=Harmonised Index of Consumer Prices at Constant Taxes

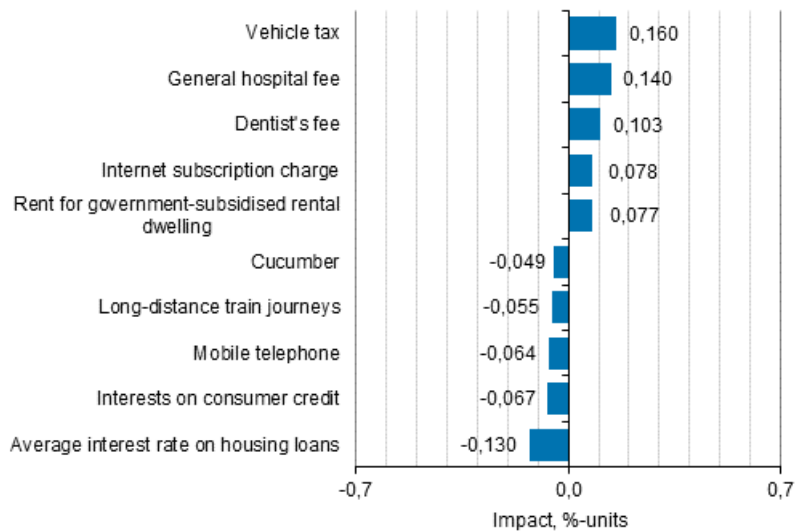
2) The price impact of the tax changes per year=The year-on-year change in HICP-CT (tax rate considered in relation to the reference period) is reduced from the year-on-year change in HICP

Appendix figures

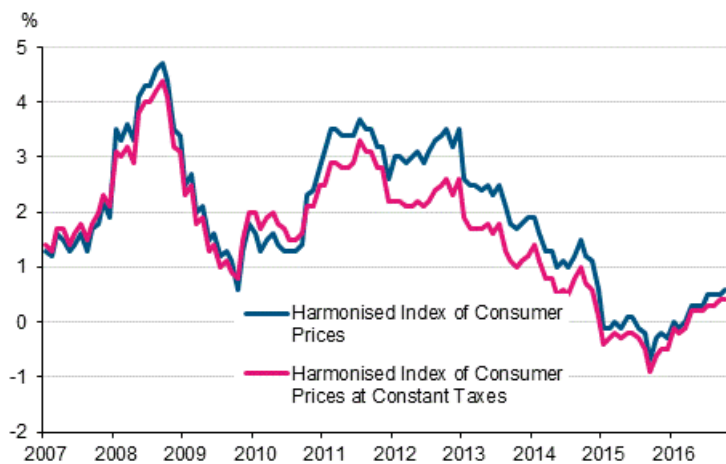
Appendix figure 1. Annual change in the Consumer Price Index and the Harmonised Index of Consumer Prices, January 2001 - October 2016



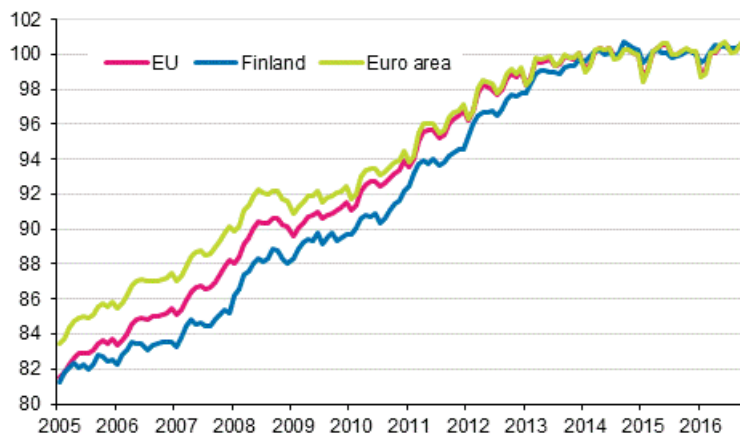
Appendix figure 2. Goods and services with the largest impact on the year-on-year change in the Consumer Price Index, October 2016



Appendix figure 3. Annual change in the Harmonised Index of Consumer Prices and the Harmonised Index of Consumer Prices at Constant Taxes, January 2007 - October 2016



Appendix figure 4. Harmonised Index of Consumer Price Index 2015=100; Finland, euro area and EU



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Source: Consumer Price Index, Statistics Finland