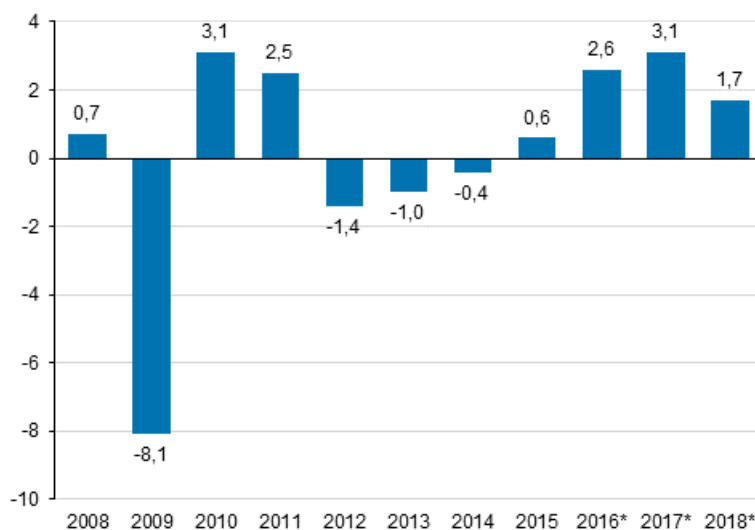


National Accounts 2018

Gross domestic product grew by 1.7 per cent in 2018

According to Statistics Finland's data, the volume of Finland's GDP grew by 1.7 per cent in 2018. Growth also amounted to 1.7 per cent in the previous calculation round in June. The entire national accounts time series has been updated starting from 1975. This does not have much effect on the annual volume changes in GDP but the revisions increase the level of value added, especially in the 2010s.

Annual change in the volume of gross domestic product, per cent



Gross domestic product, or the value added created in the production of goods and services, amounted to EUR 234 billion in 2018. The value of GDP increased by EUR 2.4 billion in 2018 compared to the data published in June and by around EUR one to two billion per year over the entire period 2010 to 2018. The level was raised by coverage revisions made to output. Time series revisions are made regularly in national accounts every five years just like in other EU countries. They maintain the timeliness and international comparability of national accounts.

Value added

Compared to the data published in June, the 2018 current-priced value added increased by EUR 2.4 billion to EUR 202 billion. The value added of 2017 increased by EUR 1.9 billion. This increase was mainly due

to coverage revisions made in services. Similar revisions have been made throughout the 2010s and for some items even longer.

For example, items related to financing and insurance, as well as grey and illegal economy have been added to the revised time series.

In the financial sector, value added growth was affected by other operating income being added to output, and in operations serving financing, by revisions to output and intermediate consumption.

Time series revisions have also been made to the levels of housing and construction.

Output and intermediate consumption

In connection with the time series revision, changes have also been made that affect output and intermediate consumption considerably but not value added. These changes directed at housing and local government lower output and intermediate consumption by as much and, thus, do not change value added at current prices. Value added is calculated as the difference between output and intermediate consumption.

Energy consumption included in intermediate consumption and output of housing has in the time series revision been transferred to households' consumption expenditure. The revision affects the internal division of households' consumption expenditure (between rents and energy) but not the level. In future, rents are so-called cold rents, which is a uniform practice with other EU countries. It is also in line with the current recording method in environmental accounts.

Internal items of local government have been eliminated for 2004 to 2014. These items include health care joint municipal authorities' internal purchases and sales that, after elimination, lower the market output and intermediate consumption of local government. These items have also been included in general government's total income and expenditure, so the elimination also lowers these. The eliminations directed at these items are of similar magnitude, so the eliminations do not affect the the deficit of general government.

Investments

The level of investments increased by EUR 2.9 billion or some five per cent in 2018. The level revision did not have much effect on the annual changes in investments. In 2018, the volume of investments rose by 3.3 per cent from the year before.

The main revisions in investments were made to the levels of building construction investments. The revisions were related to corrections in the output of building construction. The levels of civil engineering investments and machinery investments were also raised in connection with the time series revision.

Private consumption expenditure

The time series of households' consumption expenditure was now revised based on the results of the 2016 Household Budget Survey. Consideration of the results of the Household Budget Survey affected the time series of households' consumption expenditure so that the total level decreased slightly. Other time series revisions that mainly concerned housing and the insurance sector were also made in households' consumption expenditure.

In connection with the time series revision, a classification revision that affects the calculation level was also made in households' consumption expenditure, the revision raises the number of categories that are calculated.

International

The definition change connected to factoryless production was now extended to 1999 to 2005. This decreased the level of service exports and increased the level of goods exports for these years but did not affect the level of total exports. This change has already earlier been made for more recent years.

As a result of the time series revision, the time series of national accounts and balance of payments have been harmonised. In this context, some changes have been made to international trade figures. For example, the treatment of project deliveries has changed, which lowers the levels of service exports and imports but does not affect net exports.

More detailed information was received on some large company restructuring. These data affect the property income paid from and received by Finland. The time series of income received from investment funds has also been revised to correspond with new source data. This revision increased the property income paid to Finland.

Property income items from abroad to Finland and from Finland to abroad do not affect GDP but they are considered in the gross domestic income.

Changes in these statistics

The time series revision in autumn 2019 does not include fundamental revisions but as a result of the revisions the data of the national accounts better describe the structure of the economy and changes in it.

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Appendix tables

Appendix table 1. Gross domestic product (GDP) 1975-2018* (Correction on 9 October 2019)

Correction on 9 October 2019. The corrections are indicated in red.

Year	At current prices, million EUR	Volume series, reference year 2010, million EUR	Change in value, %	Change in volume, %	Change in prices, %	GDP per capita, at current prices, EUR	GDP per capita, volume series, reference year 2010, EUR
1975	18 145	78 701	.	.	.	3 851	16 704
1976	20 604	79 066	13,6	0,5	13,0	4 360	16 731
1977	22 614	79 288	9,8	0,3	9,4	4 772	16 731
1978	25 051	81 746	10,8	3,1	7,4	5 271	17 201
1979	29 056	87 584	16,0	7,1	8,3	6 098	18 382
1980	33 657	92 482	15,8	5,6	9,7	7 042	19 350
1981	38 067	93 658	13,1	1,3	11,7	7 931	19 512
1982	42 803	96 532	12,4	3,1	9,1	8 868	19 999
1983	47 752	99 507	11,6	3,1	8,2	9 834	20 492
1984	53 460	102 695	12,0	3,2	8,5	10 951	21 036
1985	58 245	106 306	9,0	3,5	5,2	11 881	21 685
1986	62 693	109 195	7,6	2,7	4,8	12 747	22 202
1987	67 716	113 066	8,0	3,5	4,3	13 730	22 924
1988	76 723	118 925	13,3	5,2	7,7	15 511	24 042
1989	85 891	124 934	11,9	5,1	6,6	17 301	25 166
1990	90 959	125 737	5,9	0,6	5,2	18 241	25 216
1991	86 899	118 303	-4,5	-5,9	1,5	17 332	23 596
1992	84 782	114 374	-2,4	-3,3	0,9	16 815	22 684
1993	85 708	113 586	1,1	-0,7	1,8	16 917	22 419
1994	90 749	118 055	5,9	3,9	1,9	17 835	23 201
1995	98 549	123 033	8,6	4,2	4,2	19 294	24 087
1996	102 083	127 545	3,6	3,7	-0,1	19 920	24 889
1997	110 807	135 624	8,5	6,3	2,1	21 559	26 387
1998	120 474	143 025	8,7	5,5	3,1	23 377	27 753
1999	126 916	149 289	5,3	4,4	0,9	24 570	28 901
2000	136 442	157 908	7,5	5,8	1,6	26 359	30 506
2001	144 628	162 029	6,0	2,6	3,3	27 877	31 231
2002	148 486	164 795	2,7	1,7	0,9	28 552	31 688
2003	151 749	168 097	2,2	2,0	0,2	29 110	32 246
2004	158 758	174 807	4,6	4,0	0,6	30 366	33 435
2005	164 687	179 666	3,7	2,8	0,9	31 392	34 248
2006	172 897	186 903	5,0	4,0	0,9	32 831	35 490
2007	187 072	196 807	8,2	5,3	2,8	35 372	37 213
2008	194 265	198 350	3,8	0,8	3,0	36 561	37 330
2009	181 747	182 334	-6,4	-8,1	1,8	34 042	34 152
2010	188 143	188 143	3,5	3,2	0,3	35 079	35 079
2011	197 998	192 936	5,2	2,5	2,6	36 746	35 806
2012	201 037	190 240	1,5	-1,4	3,0	37 133	35 138
2013	204 321	188 524	1,6	-0,9	2,6	37 566	34 662
2014	206 897	187 836	1,3	-0,4	1,6	37 876	34 386
2015	211 516	188 889	2,2	0,6	1,7	38 594	34 466

Correction on 9 October 2019. The corrections are indicated in red.

	At current prices, million EUR	Volume series, reference year 2010, million EUR	Change in value, %	Change in volume, %	Change in prices, %	GDP per capita, at current prices, EUR	GDP per capita, volume series, reference year 2010, EUR
2016*	217 484	193 853	2,8	2,6	0,2	39 576	35 276
2017*	225 785	199 768	3,8	3,1	0,7	40 991	36 267
2018*	234 453	203 107	3,8	1,7	2,1	42 503	36 820

Appendix table 2. Revision of annual volume change, % (Correction on 2 October 2019)

Correction on 2 October 2019. The corrections are indicated in red.

		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Gross domestic product	1. release	5,5	4,4	0,9	-7,8	3,1	2,9	-0,2	-1,4	-0,1	0,4	1,6	3,0	2,2
	Previous release	4,1	5,2	0,7	-8,3	3,0	2,6	-1,4	-0,8	-0,6	0,5	2,8	3,0	1,7
	Latest release	4,0	5,3	0,8	-8,1	3,2	2,5	-1,4	-0,9	-0,4	0,6	2,6	3,1	1,7
	Revision, %-points (latest minus first)	-1,5	0,9	-0,1	-0,3	0,1	-0,4	-1,2	0,5	-0,3	0,2	1,0	0,1	-0,5
Imports	1. release	5,4	4,1	-1,3	-22,3	2,6	0,1	-3,7	-1,8	-1,4	-1,2	2,0	2,6	4,2
	Previous release	6,7	7,4	7,9	-16,9	6,5	6,0	1,6	0,5	-1,3	2,7	5,4	4,0	4,1
	Latest release	6,6	7,4	8,0	-17,0	6,3	6,2	1,1	0,1	-0,9	1,8	5,8	4,1	5,0
	Revision, %-points (latest minus first)	1,3	3,3	9,3	5,3	3,7	6,1	4,8	1,9	0,5	3,0	3,8	1,5	0,8
Exports	1. release	10,7	4,8	-1,1	-24,3	5,1	-0,8	-1,4	0,3	-0,4	0,4	0,7	8,3	1,5
	Previous release	10,1	9,1	6,6	-20,1	6,2	2,0	1,2	1,1	-2,7	0,8	3,5	7,6	1,1
	Latest release	9,8	9,0	6,6	-20,1	6,2	2,0	0,2	0,6	-1,9	0,6	3,7	8,8	2,2
	Revision, %-points (latest minus first)	-0,9	4,2	7,7	4,2	1,1	2,8	1,6	0,3	-1,5	0,2	3,0	0,5	0,7
Final consumption expenditure	1. release	2,3	2,8	1,9	-1,3	1,9	2,6	1,4	-0,3	-0,1	0,8	1,4	1,4	1,5
	Previous release	3,2	2,8	2,0	-1,4	2,1	2,0	0,4	0,0	0,4	1,1	2,1	0,7	1,8
	Latest release	3,1	2,8	1,9	-1,5	2,0	1,9	0,4	0,0	0,4	1,7	2,1	0,7	2,0
	Revision, %-points (latest minus first)	0,8	0,0	0,0	-0,2	0,1	-0,7	-1,0	0,3	0,5	0,9	0,7	-0,7	0,5
Gross fixed capital formation	1. release	5,1	7,6	1,0	-13,4	0,8	4,6	-2,9	-4,6	-5,1	-1,1	5,2	6,3	3,2
	Previous release	1,3	10,0	0,3	-12,5	1,1	4,1	-1,9	-4,9	-2,6	0,7	8,6	5,2	3,1
	Latest release	1,4	10,3	0,6	-12,0	2,3	3,9	-0,3	-4,6	-1,8	0,3	8,9	4,0	3,4
	Revision, %-points (latest minus first)	-3,7	2,7	-0,4	1,4	1,5	-0,7	2,6	0,0	3,3	1,4	3,7	-2,3	0,2

Revisions on these statistics

Revision of annual volume change, % (Correction on 2 October 2019)

		Correction on 2 October 2019. The corrections are indicated in red.													
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Gross domestic product	1. release	5,5	4,4	0,9	-7,8	3,1	2,9	-0,2	-1,4	-0,1	0,4	1,6	3,0	2,2	
	Previous release	4,1	5,2	0,7	-8,3	3,0	2,6	-1,4	-0,8	-0,6	0,5	2,8	3,0	1,7	
	Latest release	4,0	5,3	0,8	-8,1	3,2	2,5	-1,4	-0,9	-0,4	0,6	2,6	3,1	1,7	
	Revision, %-points (latest minus first)	-1,5	0,9	-0,1	-0,3	0,1	-0,4	-1,2	0,5	-0,3	0,2	1,0	0,1	-0,5	
Imports	1. release	5,4	4,1	-1,3	-22,3	2,6	0,1	-3,7	-1,8	-1,4	-1,2	2,0	2,6	4,2	
	Previous release	6,7	7,4	7,9	-16,9	6,5	6,0	1,6	0,5	-1,3	2,7	5,4	4,0	4,1	
	Latest release	6,6	7,4	8,0	-17,0	6,3	6,2	1,1	0,1	-0,9	1,8	5,8	4,1	5,0	
	Revision, %-points (latest minus first)	1,3	3,3	9,3	5,3	3,7	6,1	4,8	1,9	0,5	3,0	3,8	1,5	0,8	
Exports	1. release	10,7	4,8	-1,1	-24,3	5,1	-0,8	-1,4	0,3	-0,4	0,4	0,7	8,3	1,5	
	Previous release	10,1	9,1	6,6	-20,1	6,2	2,0	1,2	1,1	-2,7	0,8	3,5	7,6	1,1	
	Latest release	9,8	9,0	6,6	-20,1	6,2	2,0	0,2	0,6	-1,9	0,6	3,7	8,8	2,2	
	Revision, %-points (latest minus first)	-0,9	4,2	7,7	4,2	1,1	2,8	1,6	0,3	-1,5	0,2	3,0	0,5	0,7	
Final consumption expenditure	1. release	2,3	2,8	1,9	-1,3	1,9	2,6	1,4	-0,3	-0,1	0,8	1,4	1,4	1,5	
	Previous release	3,2	2,8	2,0	-1,4	2,1	2,0	0,4	0,0	0,4	1,1	2,1	0,7	1,8	
	Latest release	3,1	2,8	1,9	-1,5	2,0	1,9	0,4	0,0	0,4	1,7	2,1	0,7	2,0	
	Revision, %-points (latest minus first)	0,8	0,0	0,0	-0,2	0,1	-0,7	-1,0	0,3	0,5	0,9	0,7	-0,7	0,5	
Gross fixed capital formation	1. release	5,1	7,6	1,0	-13,4	0,8	4,6	-2,9	-4,6	-5,1	-1,1	5,2	6,3	3,2	
	Previous release	1,3	10,0	0,3	-12,5	1,1	4,1	-1,9	-4,9	-2,6	0,7	8,6	5,2	3,1	
	Latest release	1,4	10,3	0,6	-12,0	2,3	3,9	-0,3	-4,6	-1,8	0,3	8,9	4,0	3,4	
	Revision, %-points (latest minus first)	-3,7	2,7	-0,4	1,4	1,5	-0,7	2,6	0,0	3,3	1,4	3,7	-2,3	0,2	

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Source: National Accounts 2018, Statistics Finland