M&O.012

A provisional time series of 1977-1994 Quarterly National Accounts data linking up with the 1995-1999 ESA 1995 figures: methods and results

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-	= nil
-	= (between two figures) inclusive
0 (00)	= less than half of unit employed
a blank	= category not applicable
1998-1999	= 1998 to 1999 inclusive
1998/1999	= average for the years 1998 up to and including 1999
1998/'99	= crop year financial year school year etc. beginning in 1998 and terminating in 1999
1988/'89-1998/'99	= book year etc. 1988/'89 up to and including 1998/'99

Detailed items in tables do not necessarily add to totals because of rounding.
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Abstract

This paper presents a provisional time series of Dutch Quarterly Accounts data for the period 1977-1994, that links up with the time series according to the ESA 1995 guidelines for the years 1995-1999. The provisional time series is used for among others the calculation of seasonally adjusted data. A provisional series was estimated because final figures are not expected before mid-2001.
The paper presents the main results as well as a brief description of the method used. Basically, the 1995 figures are extrapolated back until 1977 using unrevised percentage growth rates, supplemented with some separately estimated series on individual government consumption.
The tables in this paper provide only part of the results available. A complete set of data can be obtained by sending a request to hvni@cbs.nl.

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1. Introduction

Starting from 1999, all Member States of the European Union have to publish their National Accounts figures in compliance to the guidelines of the European System of National and Regional Accounts 1995 (ESA 1995). Statistics Netherlands accordingly published revised annual and quarterly National Accounts data for the period 1995 up to the second quarter of 1999. Official time series for years and quarters prior to 1995 will be published in 2000 (1987-1994) and 2001 (1970-1986 annual figures en 1977-1986 quarterly figures), respectively.

However, for certain purposes – such as seasonal adjustment of quarterly data and the estimation of econometric models – time series of ten to fifteen years are required earlier. To fulfil this need, a provisional time series of quarterly data was estimated. This time series has a highly “synthetic” character and will be replaced by a better one as soon as possible.

The provisional time series was largely estimated by using unrevised growth rates. Only for the individual final consumption by government an autonomous series was estimated. Below, these two components of the estimation process are discussed briefly.

2. Extrapolation using unrevised growth rates

2.1 Basic method

For all variables, the revised 1995 quarterly figures are extrapolated to previous years using the unrevised value, volume and price changes, as calculated from the unrevised series at current and constant prices. In this process, aggregation differences occur between GDP and its components, because of the fact that the ESA 1995 revision altered the proportions between the components. These differences are eliminated by proportionally adjusting the figures for the components. At current prices the aggregation differences have to be eliminated completely. At constant prices differences are normally not eliminated, so for the calculation of the time series only the additional aggregation difference is eliminated. For GDP, this method means that the value, volume and price changes remain unaffected. For the GDP-components, it results in adjustments to value, volume and price changes.

In general, the adjustments of the quarterly figures are less than 0.5 percentage point. The annual figures that can be derived from the quarterly figures in some cases show larger adjustments. These are caused by changes in the contribution of the different quarters to the yearly figures for some of the variables. In years with growth in some quarters and decline in others, the changes in weights of the quarters can result in a major adjustment of the annual figure – even when the quarterly change figures are not adjusted at all. Because of this, the annual figures that can be derived from the quarterly series can only be used with reservations. This holds especially for the series by kind of economic activity. The actual annual series will be published in 2000 (1987-1994) and 2001 (1970-1986 annual figures en 1977-1986 quarterly figures), respectively.

The GDP growth rates remain the same as before the ESA 1995 revision. The ESA 1995 though implies a number of important conceptual changes, which are likely to affect the unrevised GDP growth figures. Comparisons for 1995-1997, indicate that this effect is not over 0.1-percentage point. This suggests that on the aggregation level of GDP, the estimation method for the provisional time series introduces a possible error of about 0.1-percentage point or less per year for GDP growth. Given the large number of assumptions on which the use of this method is based, this error is considered to be acceptable.

For the time series of individual GDP components the possible error may be larger. Since there are no consistent revised quarterly estimates prior to 1995 for any of the major conceptual changes, the risk of possible errors is accepted.

2.2 Estimation of the expenditure side of GDP

At the expenditure side, GDP is broken down into consumption, fixed capital formation, changes in stocks (including acquisitions less disposals of valuables), exports and imports. The basic method is used for extrapolating these series, with one modification regarding changes in stocks. The straightforward application of the basic extrapolation method produces odd results, due to the high fluctuations of the changes in stocks when these are expressed as percentage changes. To overcome this problem, the changes in stocks are extrapolated by using unrevised absolute value changes rather than percentage changes. In practice, the absolute revision adjustments to the changes in stocks are added to the unrevised figures for the corresponding quarters of the years prior to 1995. To avoid an overestimation for earlier years, the absolute revision adjustments are corrected by using the general GDP value changes. The value at constant prices is calculated by using the unrevised prices.
Because of the rather high level of the revision adjustment to changes in stocks for 1995, the revision adjustments used for the extrapolation are calculated as the average adjustments for 1995, 1996 and 1997.

The series for GDP and its expenditure components is calculated for the period 1977-1994.

2.2.1 Consumption

ESA 1995 introduces two alternative breakdowns of consumption. The first is by sector: consumption by households (including Non Profit Institutions Serving Households (NPISH)) and government consumption. The second splits consumption into individual and collective consumption. To derive time series for each of these breakdowns, the following procedure is used.
First, individual and collective consumption are estimated. The quarterly individual consumption figures for 1995 are extrapolated with the basic method, using the unrevised figures of household consumption. After all, the old concept of household consumption and the new concept of individual consumption largely overlap. The only major exception is education, which is included in individual consumption but not in household consumption according to the old definitions. The collective consumption is extrapolated with the basic method, using the unrevised figures of government consumption, because these two concepts are also fairly similar.
Secondly, a time series for individual final consumption by government was estimated autonomously (see paragraph 3.1).
Finally, with these three series the series for household consumption and government consumption can be extrapolated. The series for household consumption (including NPISH) can be calculated by subtracting the separately estimated figures for individual final consumption by government from the figures of individual consumption. The series for government consumption can be calculated by adding the separately estimated figures for individual final consumption by government to the figures for collective consumption that were estimated using the basic method.

The series for individual and collectieve consumption, and for household and government consumption are calculated for the period 1977-1994.

2.2.2 Fixed capital formation by type of capital good and by sector

For two breakdowns of total fixed capital formation, time series are calculated: the breakdown into types of capital goods and the breakdown into investment by enterprises and by government.

With the provisional figures for total fixed capital formation as a starting point, the breakdown into types of capital goods is also calculated using the basic method. For the types that were also distinguished before the revision, the extrapolation was based on the unrevised change figures of these types. Some new types were also introduced: computers, intangible fixed assets and cultivated assets. The figures for these types were estimated in two steps. First, the total of these three was calculated as the difference between the total for fixed capital formation ans the sum of the other types. This remainder was then assigned to the three new types using preliminary annual estimates for these types.

The breakdown of fixed capital formation into government and private investment is also calculated by taking the provisional figures for total fixed capital formation as a starting point and using the basic method. A plausibility check was performed to avoid obvious inconsistencies between the series by sector and by type.

The series for fixed capital formation by type of capital good and by sector are calculated for the period 1977-1994.

2.3 Estimation of the production side of GDP

At the production side, GDP (valued at factor costs) is broken down into the value added by industry, with correction items for the difference between imputed and paid VAT and for the consumption of imputed bank services. In the case of GDP valuation at market prices, an additional correction item concerns taxes on production and imports less subsidies. The basic method for extrapolation is applied for all components of the production side. The correction item for taxes on production and imports less subsidies is calculated as the difference between the extrapolated series for GDP at factor costs and for GDP at market prices.

The series for GDP by kind of economic activity is calculated for the period 1987-1994.

2.4 Estimation of the income side of GDP

At the income side, GDP is broken down into compensation of employees, consumption of fixed capital and (net) operating surplus/mixed income. Consumption of fixed capital and compensation of employees are extrapolated using unrevised figures on the changes in value. The series for taxes on production and imports less subsidies is calculated as the difference between GDP at market prices (estimated as described in paragraph 2.2) and GDP at factor costs (estimated as described in paragraph 2.3). The net operating surplus/mixed income is calculated as the difference between GDP at market prices on the one hand and consumption of fixed capital, compensation of employees and net taxes and subsidies on the other.

The series for GDP income components are calculated for the period 1977-1994.

3. Separately estimated series

3.1 individual final consumption by government

A time series for individual final consumption by government is required in order to provide series for the new ESA 1995 concepts of individual and collective consumption. An autonomous estimation is necessary, since there are no suitable unrevised National Accounts time series that could be used as a proxy for extrapolation.

The extrapolation starts with the figures for the individual final consumption by government for the quarters of 1995. Then, estimates for the two major components are used to extrapolate the total of individual final consumption by government. The estimated changes for these two components are weighed together using the proportions of the components in 1995. The two major components are social benefits in kind (60% of the total) and final consumption of subsidized education (31% of the total). The social benefits in kind are again extrapolated by estimating their two major components: expenditure under the

“Ziekenfondswet” (Medical Health Fund Act) and the “AWBZ” (Exceptional Medical Health Act). These make up 81% of the social benefits in kind (49% of total individual final consumption by government). All in all, the extrapolation is based on 80% of total individual final consumption by government.

The value of social benefits in kind is extrapolated by using unrevised figures of spending under the “Ziekenfondswet” and the “AWBZ”. The volume changes are calculated by deflating the value figures with the unrevised deflator of household consumption on health (item “Medical care and health expenses” in tables G18 through G21 of *The National Accounts of the Netherlands 1997*).

The final consumption of subsidized education is extrapolated using the unrevised value and volume changes of value added of subsidized education. This introduces a possible error, since ideally only the production of educational services should be used. In comparison: the value added series also comprise research activities by educational institutions. It excludes intermediary purchases, that are part of the production value. The value added series however is considered a well enough approximation.

4. Available series

A full set of time series in compliance with ESA 1995 will be available in 2000 (1987-1994) and 2001 (1970-1986 annual figures and 1977-1986 quarterly figures), respectively. For the time being, this project provides provisional time series for a limited set of variables. An overview of the time series available is presented below. The most important data are published in the tables at the end of this paper. Data files on all available series can be obtained by sending a request to hvni@cbs.nl.

1. GDP at market prices and supply and disposition of goods and services, 1977-1994, at current prices and at constant prices of 1995.
2. GDP at factor costs by type of economic activity, 1987-1994, at current prices and at constant prices of 1995.
3. Income components of GDP at market prices, 1987-1994, at current prices.
4. Gross fixed capital formation by type of capital good 1977-1994, at current prices and at constant prices of 1995.
5. Gross fixed capital formation by enterprises and by government, 1977-1994, at current prices and at constant prices of 1995.
6. Individual and collective consumption, 1977-1994, at current prices and at constant prices of 1995.

5. Revision calendar

As mentioned above, the provisional time series comprises a quick extrapolation of the ESA 1995 levels of the main Dutch macro-economic variables, using unrevised growth rates. Currently, Statistics Netherlands is compiling fully revised time series, in which also the growth rates are calculated according to the ESA 1995 definitions. At the moment, the following revision calendar is used.

- August 1999: in the *National Accounts of the Netherlands 1998*, a full set of annual National Accounts data according to ESA 1995 for the years 1995-1998 is released.
- October 1999: in the *Quarterly National Accounts 1999-II*, a full set of Quarterly National Accounts data for the quarters 1995-I – 1999-II is released.
- December 2000: annual National Accounts data according to ESA 1995 for the years 1987-1994 will be released.
- March 2001: Quarterly National Accounts data for the quarters 1987-I – 1994-IV will be released.

– December 2001: annual National Accounts data according to ESA 1995 for the years 1969-1986 will be released.
– March 2002: Quarterly National Accounts data for the quarters 1977-I – 1986-IV will be released.

Supply and disposition of goods and services, 1977-1994, provisional series at current prices

Table 1.1
Supply and disposition of goods and services, provisional series (current prices)

	1977				1978			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	67,9	73,3	72,1	77,0	72,9	79,6	77,5	83,0
2 Imports of goods and services	35,1	36,8	35,2	37,4	36,7	37,8	37,1	39,8
3 (1+2) Disposable for final expenditure (gross)	103,0	110,1	107,3	114,5	109,7	117,4	114,7	122,8
Consumption	50,6	58,0	53,2	57,8	56,5	62,7	59,0	61,7
4 by households incl. NPISH	32,9	36,6	34,9	38,3	36,7	39,2	38,6	40,8
5 by general government	17,7	21,4	18,3	19,5	19,7	23,5	20,4	20,9
Gross fixed capital formation	15,7	16,2	14,4	20,8	17,3	18,8	15,7	21,3
6 by enterprises	13,6	13,5	11,8	16,9	15,2	15,6	12,7	17,5
7 by general government	2,0	2,7	2,6	3,9	2,1	3,2	3,0	3,8
8 Changes in inventories 1)	–0,2	–0,1	4,1	–1,3	–1,7	–1,1	3,7	1,2
9 (4 to 8) National final expenditure (gross)	66,0	74,1	71,7	77,3	72,1	80,4	78,3	84,2
10 Exports of goods and services	36,9	36,0	35,6	37,2	37,5	36,9	36,3	38,6
11 (9+10) Total final expenditure (gross)	103,0	110,1	107,3	114,5	109,7	117,4	114,7	122,8

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)
Supply and disposition of goods and services, provisional series (current prices)

	1979				1980			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	74,9	85,5	83,1	89,8	85,3	90,2	86,5	93,9
2 Imports of goods and services	39,5	43,8	45,1	49,3	50,7	50,7	49,1	51,7
3 (1+2) Disposable for final expenditure (gross)	114,4	129,3	128,2	139,1	136,0	140,8	135,6	145,6
Consumption	61,3	67,3	62,7	67,2	65,9	71,8	66,1	70,7
4 by households incl. NPISH	39,6	41,7	40,6	44,5	42,5	44,6	42,9	46,7
5 by general government	21,8	25,5	22,0	22,7	23,4	27,2	23,3	24,0
Gross fixed capital formation	14,2	21,4	17,6	23,5	19,4	20,3	18,0	23,9
6 by enterprises	12,6	18,0	14,4	19,2	16,9	16,9	14,6	19,2
7 by general government	1,6	3,4	3,2	4,3	2,5	3,4	3,4	4,7
8 Changes in inventories 1)	–1,4	–3,1	4,7	1,9	–1,4	0,5	3,7	0,9
9 (4 to 8) National final expenditure (gross)	74,1	85,6	84,9	92,6	84,0	92,6	87,8	95,5
10 Exports of goods and services	40,3	43,7	43,2	46,5	52,1	48,2	47,7	50,0
11 (9+10) Total final expenditure (gross)	114,4	129,3	128,2	139,1	136,0	140,8	135,6	145,6

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)
Supply and disposition of goods and services, provisional series (current prices)

	1981				1982			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	88,9	94,6	91,1	98,3	96,1	98,4	94,8	99,2
2 Imports of goods and services	50,8	55,8	55,7	55,9	53,4	55,8	54,1	57,4
3 (1+2) Disposable for final expenditure (gross)	139,8	150,4	146,8	154,2	149,4	154,2	148,9	156,6
Consumption	68,8	73,7	68,0	73,0	72,2	77,1	71,2	75,9
4 by households incl. NPISH	44,1	45,3	43,9	47,9	46,3	47,3	45,8	49,4
5 by general government	24,8	28,4	24,1	25,1	25,9	29,8	25,4	26,5
Gross fixed capital formation	19,1	19,7	17,2	22,0	18,1	19,9	17,4	22,1
6 by enterprises	16,5	16,2	13,7	17,5	15,7	16,5	13,9	17,8
7 by general government	2,6	3,5	3,5	4,5	2,4	3,4	3,5	4,3
8 Changes in inventories 1)	–3,4	–0,1	3,9	–0,6	–3,0	–2,4	4,7	–0,2
9 (4 to 8) National final expenditure (gross)	84,6	93,3	89,2	94,4	87,4	94,6	93,2	97,8
10 Exports of goods and services	55,2	57,1	57,6	59,8	62,0	59,6	55,7	58,9
11 (9+10) Total final expenditure (gross)	139,8	150,4	146,8	154,2	149,4	154,2	148,9	156,6

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)
Supply and disposition of goods and services, provisional series (current prices)

	1983				1984			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	96,8	103,0	99,7	103,8	103,8	107,5	102,9	108,3
2 Imports of goods and services	53,5	56,3	57,5	62,0	63,0	63,1	62,1	66,6
3 (1+2) Disposable for final expenditure (gross)	150,3	159,4	157,2	165,8	166,7	170,6	165,0	174,9
Consumption	75,0	79,8	73,9	78,4	77,4	82,1	74,9	79,9
4 by households incl. NPISH	48,9	49,6	48,0	51,4	51,7	51,7	49,3	53,1
5 by general government	26,2	30,2	25,9	27,0	25,8	30,4	25,6	26,8
Gross fixed capital formation	18,3	21,0	18,7	22,5	20,4	22,0	19,1	24,7
6 by enterprises	16,0	17,8	15,5	18,4	17,8	18,4	15,5	20,3
7 by general government	2,4	3,2	3,2	4,0	2,6	3,6	3,6	4,5
8 Changes in inventories 1)	–3,4	–1,9	5,0	2,0	–1,9	–1,4	5,1	0,0
9 (4 to 8) National final expenditure (gross)	89,9	98,9	97,6	102,9	95,8	102,7	99,1	104,7
10 Exports of goods and services	60,4	60,5	59,6	62,9	70,9	67,9	65,9	70,2
11 (9+10) Total final expenditure (gross)	150,3	159,4	157,2	165,8	166,7	170,6	165,0	174,9

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)

Supply and disposition of goods and services, provisional series (current prices)

	1985				1986			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	107,2	113,9	107,0	115,0	111,0	118,7	111,8	114,4
2 Imports of goods and services	70,2	68,8	67,1	68,1	61,3	59,2	56,8	59,4
3 (1+2) Disposable for final expenditure (gross)	177,4	182,7	174,1	183,1	172,3	177,9	168,5	173,8
Consumption	80,4	85,7	78,4	84,3	81,9	88,2	81,0	86,1
4 by households incl. NPISH	54,1	54,5	52,4	57,0	54,9	56,9	54,4	58,6
5 by general government	26,3	31,2	26,1	27,2	26,9	31,2	26,6	27,5
Gross fixed capital formation	20,6	24,1	21,6	26,9	20,4	26,1	23,5	29,6
6 by enterprises	18,3	20,5	17,8	22,6	18,2	22,7	19,8	25,9
7 by general government	2,3	3,6	3,8	4,2	2,1	3,4	3,7	3,7
8 Changes in inventories 1)	–1,3	–0,6	3,9	0,3	1,4	–1,3	5,3	–0,7
9 (4 to 8) National final expenditure (gross)	99,7	109,3	104,0	111,4	103,6	112,9	109,7	115,1
10 Exports of goods and services	77,7	73,5	70,1	71,6	68,7	64,9	58,8	58,7
11 (9+10) Total final expenditure (gross)	177,4	182,7	174,1	183,1	172,3	177,9	168,5	173,8

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)

Supply and disposition of goods and services, provisional series (current prices)

	1987				1988			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	108,1	118,2	112,9	119,9	114,8	122,0	115,6	124,1
2 Imports of goods and services	58,6	57,9	59,0	63,4	60,6	64,3	63,9	67,3
3 (1+2) Disposable for final expenditure (gross)	166,7	176,1	171,9	183,3	175,4	186,3	179,6	191,4
Consumption	83,1	90,8	83,8	89,7	84,8	91,8	85,1	89,7
4 by households incl. NPISH	55,5	58,8	56,1	61,1	57,0	59,6	57,3	61,1
5 by general government	27,6	32,0	27,7	28,5	27,9	32,2	27,8	28,6
Gross fixed capital formation	22,1	26,7	23,7	29,5	25,1	28,5	23,8	31,0
6 by enterprises	19,8	23,3	20,2	25,4	22,2	25,0	20,4	26,7
7 by general government	2,3	3,4	3,5	4,1	2,9	3,5	3,4	4,4
8 Changes in inventories 1)	–0,6	–2,5	3,8	–0,2	–0,7	–0,4	2,6	–0,3
9 (4 to 8) National final expenditure (gross)	104,7	115,0	111,3	119,0	109,3	119,9	111,5	120,5
10 Exports of goods and services	62,0	61,1	60,6	64,3	66,1	66,5	68,1	70,9
11 (9+10) Total final expenditure (gross)	166,7	176,1	171,9	183,3	175,4	186,3	179,6	191,4

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)

Supply and disposition of goods and services, provisional series (current prices)

	1989				1990			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	121,1	129,5	123,0	131,4	128,7	137,6	130,0	141,5
2 Imports of goods and services	69,2	73,2	69,7	74,4	73,1	74,3	71,7	75,8
3 (1+2) Disposable for final expenditure (gross)	190,3	202,7	192,6	205,9	201,8	211,9	201,7	217,3
Consumption	87,7	95,6	89,2	94,1	92,9	101,5	93,7	100,8
4 by households incl. NPISH	59,1	62,4	60,4	64,3	63,0	66,7	63,5	69,5
5 by general government	28,6	33,2	28,8	29,7	30,0	34,8	30,2	31,3
Gross fixed capital formation	26,9	30,7	25,2	33,0	28,7	31,5	25,5	34,4
6 by enterprises	23,9	27,2	21,7	28,5	25,4	27,7	21,8	29,3
7 by general government	3,0	3,5	3,5	4,5	3,3	3,8	3,7	5,1
8 Changes in inventories 1)	–0,2	–0,0	4,9	1,7	0,2	1,4	4,9	1,0
9 (4 to 8) National final expenditure (gross)	114,4	126,4	119,4	128,8	121,9	134,4	124,1	136,3
10 Exports of goods and services	75,9	76,3	73,3	77,1	80,0	77,5	77,6	81,0
11 (9+10) Total final expenditure (gross)	190,3	202,7	192,6	205,9	201,8	211,9	201,7	217,3

1) Including acquisitions less disposals of valuables.

Table 1.1 (continued)

Supply and disposition of goods and services, provisional series (current prices)

	1991				1992			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	135,5	145,1	137,2	147,2	144,0	150,9	142,9	151,7
2 Imports of goods and services	75,9	78,0	75,3	79,0	79,4	78,8	74,2	77,9
3 (1+2) Disposable for final expenditure (gross)	211,4	223,1	212,5	226,2	223,4	229,6	217,1	229,6
Consumption	100,0	107,0	99,7	105,9	105,7	113,6	105,4	111,5
4 by households incl. NPISH	68,3	70,3	67,7	72,7	71,6	74,4	70,6	75,9
5 by general government	31,7	36,7	32,1	33,2	34,1	39,3	34,8	35,7
Gross fixed capital formation	27,0	33,3	26,7	36,0	30,5	32,7	26,5	36,3
6 by enterprises	23,8	29,1	22,7	30,7	26,5	28,1	22,4	30,9
7 by general government	3,1	4,2	4,1	5,2	4,0	4,6	4,2	5,4
8 Changes in inventories 1)	0,5	0,3	4,6	1,0	0,4	–0,6	4,5	–0,1
9 (4 to 8) National final expenditure (gross)	127,5	140,5	131,1	142,9	136,7	145,7	136,4	147,7
10 Exports of goods and services	83,9	82,5	81,4	83,3	86,7	83,9	80,7	81,9
11 (9+10) Total final expenditure (gross)	211,4	223,1	212,5	226,2	223,4	229,6	217,1	229,6

1) Including acquisitions less disposals of valuables.

Table 1.1 (end)
Supply and disposition of goods and services, provisional series (current prices)

	1993				1994			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	145,7	155,3	147,9	156,5	153,5	163,9	156,3	165,8
2 Imports of goods and services	74,0	73,9	72,1	77,0	78,0	79,6	76,7	83,2
3 (1+2) Disposable for final expenditure (gross)	219,7	229,1	220,1	233,5	231,5	243,5	233,0	249,0
Consumption	107,8	118,6	109,5	114,5	113,1	123,7	114,3	119,6
4 by households incl. NPISH	71,9	77,6	73,5	77,3	76,1	81,5	77,3	81,5
5 by general government	35,9	41,0	36,0	37,2	36,9	42,2	37,0	38,1
Gross fixed capital formation	29,1	32,0	29,0	33,9	30,0	32,8	28,6	36,7
6 by enterprises	25,2	27,5	24,7	28,3	26,0	28,1	24,1	30,9
7 by general government	3,9	4,5	4,3	5,5	4,0	4,7	4,4	5,8
8 Changes in inventories 1)	2,5	–2,7	–0,1	–2,4	–0,4	–1,4	3,3	2,0
9 (4 to 8) National final expenditure (gross)	139,3	147,9	138,3	145,9	142,6	155,1	146,2	158,3
10 Exports of goods and services	80,3	81,3	81,7	87,6	88,9	88,5	86,8	90,7
11 (9+10) Total final expenditure (gross)	219,7	229,1	220,1	233,5	231,5	243,5	233,0	249,0

1) Including acquisitions less disposals of valuables.

Supply and disposition of goods and services, 1977-1994, provisional series in 1995 prices

Table 1.2

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1977				1978			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	109,4	115,9	111,9	119,5	111,7	118,9	114,2	122,7
2 Imports of goods and services	44,5	45,5	43,6	47,6	46,8	47,9	46,6	51,2
3 (1+2) Disposable for final expenditure (gross)	153,9	161,4	155,5	167,1	158,5	166,8	160,8	173,9
Consumption	82,7	92,8	85,1	91,9	87,7	96,1	90,0	94,0
4 by households incl. NPISH	57,2	62,9	59,5	65,1	60,8	65,2	63,5	67,2
5 by general government	25,5	29,9	25,5	26,8	26,9	30,9	26,5	26,9
Gross fixed capital formation	25,3	26,0	22,8	32,6	26,4	28,3	23,2	31,3
6 by enterprises	21,9	21,4	18,4	26,3	23,1	23,4	18,7	25,5
7 by general government	3,4	4,5	4,4	6,3	3,3	4,9	4,5	5,8
8 Changes in inventories 1)	2,4	0,7	4,7	–1,3	0,9	–1,0	4,1	2,2
9 (4 to 8) National final expenditure (gross)	108,9	117,6	111,7	121,8	112,9	121,1	115,8	126,1
10 Exports of goods and services	45,0	43,9	43,8	45,2	45,6	45,7	45,0	47,7
11 (9+10) Total final expenditure (gross)	153,9	161,4	155,5	167,1	158,5	166,8	160,8	173,9

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1979				1980			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	109,8	122,9	118,3	126,8	118,4	122,7	117,2	125,3
2 Imports of goods and services	49,1	51,2	49,7	53,8	52,9	51,2	49,6	50,6
3 (1+2) Disposable for final expenditure (gross)	158,8	174,2	168,0	180,5	171,3	173,9	166,8	175,9
Consumption	90,6	98,3	91,2	97,0	91,6	98,5	90,5	96,1
4 by households incl. NPISH	62,6	66,5	63,9	69,2	62,8	66,0	62,7	67,6
5 by general government	28,0	31,8	27,3	27,8	28,8	32,5	27,8	28,5
Gross fixed capital formation	20,3	30,4	24,6	32,5	26,3	26,9	23,4	30,7
6 by enterprises	17,9	25,5	20,0	26,5	22,9	22,4	19,0	24,7
7 by general government	2,4	4,9	4,6	6,0	3,3	4,5	4,4	6,0
8 Changes in inventories 1)	1,4	–3,7	5,5	2,6	0,6	1,3	4,9	0,6
9 (4 to 8) National final expenditure (gross)	110,3	123,1	119,9	130,7	117,0	124,6	117,7	126,5
10 Exports of goods and services	48,6	51,1	48,1	49,9	54,3	49,2	49,1	49,4
11 (9+10) Total final expenditure (gross)	158,8	174,2	168,0	180,5	171,3	173,9	166,8	175,9

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)
Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1981				1982			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	116,8	123,9	117,8	122,6	117,1	121,3	117,7	119,4
2 Imports of goods and services	46,7	48,3	47,4	49,8	46,5	48,3	46,2	50,2
3 (1+2) Disposable for final expenditure (gross)	163,5	172,2	165,2	172,4	163,6	169,6	163,9	169,7
Consumption	90,3	96,5	88,6	93,6	89,9	96,3	88,8	94,1
4 by households incl. NPISH	60,6	63,1	60,2	64,4	59,5	62,1	59,7	63,9
5 by general government	29,8	33,5	28,4	29,2	30,4	34,2	29,1	30,2
Gross fixed capital formation	24,0	24,4	21,2	27,0	21,9	23,8	20,7	26,3
6 by enterprises	20,8	20,1	16,8	21,5	19,0	19,7	16,5	21,2
7 by general government	3,2	4,3	4,3	5,5	2,9	4,1	4,2	5,2
8 Changes in inventories 1)	–2,6	0,1	4,8	0,4	–1,2	–1,9	5,8	–0,8
9 (4 to 8) National final expenditure (gross)	111,4	120,7	114,6	120,9	110,7	117,7	115,3	118,9
10 Exports of goods and services	52,2	51,5	50,6	51,5	52,9	51,8	48,7	50,7
11 (9+10) Total final expenditure (gross)	163,5	172,2	165,2	172,4	163,6	169,6	163,9	169,7

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)
Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1983				1984			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	114,4	124,6	121,2	123,4	121,0	128,2	123,4	127,0
2 Imports of goods and services	47,4	49,7	49,2	52,4	51,9	51,7	50,5	54,5
3 (1+2) Disposable for final expenditure (gross)	161,8	174,3	170,4	175,8	172,8	180,0	173,9	181,5
Consumption	90,7	97,6	90,3	95,2	91,8	98,7	90,6	96,0
4 by households incl. NPISH	60,2	62,9	60,5	64,0	61,5	63,3	60,7	64,9
5 by general government	30,5	34,7	29,8	31,1	30,3	35,4	29,8	31,2
Gross fixed capital formation	21,7	24,8	22,1	26,4	23,8	25,6	22,2	28,8
6 by enterprises	18,9	20,9	18,2	21,6	20,8	21,4	18,0	23,6
7 by general government	2,8	3,8	3,9	4,8	3,0	4,2	4,2	5,2
8 Changes in inventories 1)	–2,5	–1,9	6,7	1,7	–0,9	–1,3	6,2	–0,3
9 (4 to 8) National final expenditure (gross)	109,4	120,3	119,0	122,9	114,7	123,2	119,3	124,6
10 Exports of goods and services	52,4	54,0	51,4	52,9	58,1	56,8	54,6	56,9
11 (9+10) Total final expenditure (gross)	161,8	174,3	170,4	175,8	172,8	180,0	173,9	181,5

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1985				1986			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	122,9	133,8	125,8	132,5	126,8	138,5	130,6	133,3
2 Imports of goods and services	55,0	54,8	54,3	57,9	55,2	57,3	56,7	60,6
3 (1+2) Disposable for final expenditure (gross)	177,8	188,6	180,0	190,4	182,0	195,8	187,2	193,9
Consumption	93,2	101,2	93,0	99,9	95,8	104,2	96,8	101,4
4 by households incl. NPISH	62,1	64,9	62,6	68,0	63,6	67,2	65,4	69,0
5 by general government	31,1	36,3	30,4	31,9	32,2	37,0	31,4	32,4
Gross fixed capital formation	23,7	27,8	24,9	31,1	23,4	30,1	27,1	34,4
6 by enterprises	21,1	23,7	20,4	26,2	21,0	26,2	22,8	30,1
7 by general government	2,6	4,2	4,4	4,9	2,4	3,9	4,3	4,3
8 Changes in inventories 1)	–0,9	–0,4	5,1	0,4	2,8	–1,2	5,4	–2,1
9 (4 to 8) National final expenditure (gross)	116,2	128,8	122,8	131,1	121,8	133,2	128,7	132,9
10 Exports of goods and services	61,7	59,8	57,2	59,3	60,2	62,5	58,5	61,0
11 (9+10) Total final expenditure (gross)	177,8	188,6	180,0	190,4	182,0	195,8	187,2	193,9

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1987				1988			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	128,1	138,4	131,7	138,5	134,0	141,1	133,3	142,2
2 Imports of goods and services	57,4	57,5	59,1	65,2	61,6	64,8	63,3	67,9
3 (1+2) Disposable for final expenditure (gross)	185,5	195,9	190,8	203,7	195,6	205,9	196,7	210,1
Consumption	98,4	106,7	98,9	105,0	100,5	107,6	99,8	104,9
4 by households incl. NPISH	65,5	69,0	66,4	71,5	67,2	69,1	67,3	70,9
5 by general government	32,9	37,7	32,5	33,6	33,3	38,5	32,5	33,9
Gross fixed capital formation	25,1	30,4	26,9	33,6	28,3	32,1	26,3	34,6
6 by enterprises	22,6	26,6	22,8	28,8	25,0	28,1	22,4	29,7
7 by general government	2,6	3,9	4,1	4,8	3,3	4,0	3,9	4,9
8 Changes in inventories 1)	-1,2	-2,8	3,8	0,8	-0,7	-1,2	2,6	0,2
9 (4 to 8) National final expenditure (gross)	122,2	134,1	128,9	138,7	127,9	138,1	128,3	139,3
10 Exports of goods and services	63,3	61,8	61,9	65,0	67,7	67,7	68,4	70,8
11 (9+10) Total final expenditure (gross)	185,5	195,9	190,8	203,7	195,6	205,9	196,7	210,1

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1989				1990			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	140,0	148,2	139,3	148,9	145,7	153,5	145,3	155,7
2 Imports of goods and services	66,7	69,5	66,6	72,1	70,4	73,7	69,4	73,1
3 (1+2) Disposable for final expenditure (gross)	206,7	217,8	206,0	221,0	216,2	227,2	214,7	228,7
Consumption	103,5	111,0	103,0	108,3	107,5	115,5	106,0	112,7
4 by households incl. NPISH	69,2	71,8	69,2	73,5	72,3	75,5	71,6	77,3
5 by general government	34,3	39,2	33,8	34,8	35,2	40,0	34,3	35,4
Gross fixed capital formation	29,6	33,8	27,6	36,2	31,0	33,9	27,3	36,9
6 by enterprises	26,3	29,9	23,6	31,2	27,5	29,7	23,3	31,5
7 by general government	3,3	3,9	3,9	5,0	3,6	4,2	4,0	5,5
8 Changes in inventories 1)	–0,3	–0,1	4,7	2,3	–0,1	1,6	4,9	1,4
9 (4 to 8) National final expenditure (gross)	132,7	144,5	134,9	146,4	138,4	150,7	138,2	151,0
10 Exports of goods and services	73,9	73,2	71,1	74,6	77,8	76,4	76,5	77,7
11 (9+10) Total final expenditure (gross)	206,7	217,8	206,0	221,0	216,2	227,2	214,7	228,7

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (continued)

Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1991				1992			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	148,6	158,0	148,6	158,6	154,4	160,5	151,1	160,1
2 Imports of goods and services	73,3	75,5	72,4	77,2	76,8	76,3	73,0	78,6
3 (1+2) Disposable for final expenditure (gross)	221,9	233,5	221,1	235,7	231,3	236,8	224,1	238,7
Consumption	111,9	118,2	108,9	115,2	114,2	121,3	111,2	118,2
4 by households incl. NPISH	75,8	77,5	73,7	78,9	76,9	79,1	74,5	80,6
5 by general government	36,1	40,8	35,2	36,3	37,3	42,1	36,7	37,6
Gross fixed capital formation	28,7	35,2	28,0	37,6	31,3	33,9	27,3	37,7
6 by enterprises	25,3	30,7	23,7	32,1	27,2	29,1	23,0	32,1
7 by general government	3,4	4,5	4,3	5,5	4,1	4,8	4,3	5,7
8 Changes in inventories 1)	0,5	0,2	4,5	1,0	0,0	–0,9	5,3	–0,4
9 (4 to 8) National final expenditure (gross)	140,9	153,5	141,3	153,7	145,5	154,2	143,7	155,4
10 Exports of goods and services	81,0	80,0	79,8	82,1	85,7	82,6	80,4	83,4
11 (9+10) Total final expenditure (gross)	221,9	233,5	221,1	235,7	231,3	236,8	224,1	238,7

1) Including acquisitions less disposals of valuables.

2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

Table 1.2 (end)
Supply and disposition of goods and services, provisional series (1995 prices) 2)

	1993				1994			
	I	II	III	IV	I	II	III	IV
	bln gld							
1 Gross domestic product (market prices)	153,9	162,1	153,7	161,3	157,7	167,3	158,6	167,7
2 Imports of goods and services	73,4	73,9	72,7	78,5	78,1	79,2	77,1	84,2
3 (1+2) Disposable for final expenditure (gross)	227,3	236,0	226,4	239,7	235,8	246,5	235,7	251,9
Consumption	114,0	124,1	113,4	118,2	116,0	126,1	115,6	121,0
4 by households incl. NPISH	75,9	81,1	76,0	79,7	77,5	82,5	77,7	82,2
5 by general government	38,1	43,0	37,4	38,5	38,6	43,6	37,9	38,8
Gross fixed capital formation	29,7	32,7	29,5	34,5	30,2	33,1	28,7	37,3
6 by enterprises	25,7	28,1	25,0	28,9	26,1	28,3	24,3	31,4
7 by general government	4,0	4,6	4,5	5,6	4,1	4,8	4,5	5,9
8 Changes in inventories 1)	2,2	–3,3	0,1	–2,6	–0,9	–1,7	3,1	1,8
9 (4 to 8) National final expenditure (gross)	145,8	153,5	143,1	150,2	145,4	157,6	147,5	160,1
10 Exports of goods and services	81,5	82,5	83,4	89,5	90,4	88,9	88,2	91,8
11 (9+10) Total final expenditure (gross)	227,3	236,0	226,4	239,7	235,8	246,5	235,7	251,9

1) Including acquisitions less disposals of valuables.
2) The figures are computed using volume-indices. Therefore the aggregates may differ from the sum of the details.

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