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Annex A/Chapter 08

ANNEX A to the

Proposal for a

**REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**

**on the European System of national and regional accounts in the European Union**

## ANNEX A

# CHAPTER 8: THE SEQUENCE OF ACCOUNTS

### INTRODUCTION

This chapter sets out the details of the accounts and balance sheets in the national accounts' sequence of accounts. It also sets out the interactions of the domestic economy with the rest of the world in the same sequence. The goods and services account is also described, reflecting the accounting identity underlying the supply and use of goods and services. Finally it presents the integrated set of economic accounts where each sector is shown in the same account with an aggregated form of account entries.

The sequence of accounts

- 8.01 The ESA records flows and stocks in an ordered set of accounts describing the economic cycle from production and the generation of income, through its distribution and redistribution, and its use for final consumption. Finally the ESA records the use of what is left in the form of saving to provide for the accumulation of assets, both non-financial and financial.
- 8.02 Each of the accounts shows resources and uses, which are brought to a balance by the introduction of a balancing item, usually on the uses' side of the account. The balancing item is taken forward to the next account as the first entry on the resources side.
- 8.03 The structured recording of transactions according to a logical analysis of economic life provides the aggregates required for the study of an institutional sector or sub-sector, or the total economy. The breakdown of the accounts is designed to reveal the most significant economic information, and the balancing item of each account is a key element in the information revealed.
- 8.04 The accounts are grouped in three categories:
  - (a) Current accounts cover production and the associated generation, distribution and redistribution of income and its use in the form of final consumption. The income not directly used for final consumption is revealed in the balancing item saving, which is taken forward to the accumulation accounts as the first entry on the resources side of the capital account;
  - (b) Accumulation accounts analyse changes in the assets and liabilities of the units and enable changes in net worth (the difference between assets and liabilities) to be recorded;
  - (c) Balance sheets show the total assets and liabilities at the beginning and the end of the accounting period, together with the net worth. The

flows for each asset and liability item recorded in the accumulation accounts are seen again in the changes in balance sheets account.

- 8.05 The sequence of accounts applies to institutional units, institutional sectors and sub-sectors, and the total economy.
- 8.06 The balancing items are established both gross and net. They are gross if calculated before deduction of consumption of fixed capital and net if calculated after this deduction. It is more significant to express income balancing items in net terms, as consumption of capital is a call on disposable income which must be met if the capital stock of the economy is to be maintained.
- 8.07 The accounts are presented in two ways:
- (a) in the form of integrated economic accounts, showing the accounts for all the institutional sectors, the total economy and the rest of the world in a single table;
  - (b) in the form of a sequence of accounts, giving more detailed information. The tables showing the presentation of each account are given in the section of this chapter entitled 'Sequence of accounts'.
- 8.08 Table 8.1 shows a synoptic presentation of the accounts, balancing items and main aggregates: The code for the main aggregates is not shown in the table, but is the same as the code for the balancing items, but with the addition of an asterisk after the number. For example for the Balance of primary incomes, the code is B.5g and the equivalent code of the main aggregate Gross National Income is B.5\*g.
- 8.09 The balancing items are shown in the table in their gross form, and indicated as such by the use of "g" in the code. For each such code there is a net form, where the estimate for capital consumption has been deducted. For example, value added, gross has a code of B.1g, and the net equivalent (value added, net) where capital consumption has been deducted, is B.1n.

Table 8.1 Synoptic presentation of the accounts, balancing items and main aggregates

Accounts								Balancing items		Main aggregates	
Full sequence of accounts for institutional sectors											
Current accounts	I.	Production account	I.	Production account					B.1g	Value added, gross	Gross domestic product (GDP)
	II.	Distribution and use of income accounts	II.1	Primary distribution of income accounts	II.1.1	Generation of income account			B.2g B.3g	Operating surplus, gross Mixed income, gross	
					II.1.2	Allocation of primary income account	II.1.2.1	Entrepreneurial income account	B.4g	Entrepreneurial income	
							II.1.2.2	Allocation of other primary income account	B.5g	Balance of primary incomes	Gross national income (GNI)
			II.2	Secondary distribution of income account					B.6g	Disposable income, gross	Gross national disposable income
			II.3	Redistribution of income in kind account					B.7g	Adjusted disposable income, gross	
			II.4	Use of income account	II.4.1	Use of disposable income account			B.8g	Saving, gross	Gross national saving
					II.4.2	Use of adjusted disposable income account					
Accumulation accounts	III.	Accumulation accounts	III.1	Capital account	III.1.1	Change in net worth due to saving and capital transfers account			B.101	Change in net worth due to saving and capital transfers	

					III.1.2	Acquisition of non-financial assets account			B.9	Net lending /net borrowing	
			III.2	Financial account					B.9	Net lending /net borrowing	
			III.3	Other changes in assets account	III.3.1	Other changes in volume of assets account			B.102	Changes in net worth, due to other changes in volume of assets	
					III.3.2	Revaluation accounts			B.103	Changes in net worth due to nominal holding gains/losses	
							III.3.2.1	Neutral holding gains/losses account	B.1031	Changes in net worth due to neutral holding gains/losses	
							III.3.2.2	Real holding gains/losses account	B.1032	Changes in net worth due to real holding gains/losses	
Balance sheets	IV.	Balance sheets	IV.1	Opening balance sheet					B.90	Net worth	National worth
			IV.2	Changes in balance sheet					B.10	Changes in net worth, total	Changes in national worth
			IV.3	Closing balance sheet					B.90	Net worth	National worth

Table 8.1 Synoptic presentation of the accounts, balancing items and main aggregates (continued)

Accounts									Balancing items	Main aggregates	
Transaction accounts											
	0.	Goods and services account									
Rest of the world account (external transactions account)											
Current account	V.	Rest of the world account	V.I	External account of goods and services					B.11	External balance of goods and services	External balance of goods and services
			V.II	External account of primary income and current transfers					B.12	Current external balance	Current external balance
Accumulation accounts			V.III	External accumulation accounts	V.III.1	Capital account	V.III.1.1	Changes in net worth due to saving and capital transfers account	B.101	Changes in net worth due to current external balance and capital transfers	
							V.III.1.2	Acquisition of non-financial assets account	B.9	Net lending/Net borrowing	
					V.III.2	Financial account			B.9	Net lending/Net borrowing	Net lending/Net borrowing
					V.III.3	Other changes in assets account	V.III.3.1	Other changes in volume of assets account	B.102	Changes in net worth, due to other changes in volume of assets	
							V.III.3.2	Revaluation accounts	B.103	Changes in net worth, due to nominal holding gains/losses	
Balance sheets			V.IV	External assets and liabilities account	V.IV.1	Opening balance sheet			B.90	Net worth	Net external financial position
					V.IV.2	Changes in balance sheet			B.10	Changes in net worth	
					V.IV.3	Closing balance			B.90	Net worth	Net external

						sheet						financial position
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## ***SEQUENCE OF ACCOUNTS***

### ***CURRENT ACCOUNTS***

#### Production account (I)

- 8.10 The production account (I) shows the transactions relating to the production process. It is drawn up for institutional sectors and for industries. Its resources include output and its uses include intermediate consumption.
- 8.11 The production account reveals one of the most important balancing items in the system — value added, or the value generated by any unit engaged in a production activity — and a vital aggregate: gross domestic product. Value added is economically significant for both the institutional sectors and the industries.
- 8.12 Value added (the balancing item of the account) may be calculated before or after allowing for the consumption of fixed capital, i.e. gross or net. Given that output is valued at basic prices and intermediate consumption at purchasers' prices, value added does not include taxes less subsidies on products.
- 8.13 The production account at the level of the total economy includes in resources, in addition to the output of goods and services, taxes less subsidies on products. It thus enables gross domestic product (at market prices) to be obtained as a balancing item. The code for this key aggregate balancing item, value added at whole economy level adjusted to be at market prices, is B.1\*g and this is GDP at market prices. Net domestic product (NDP) code is B.1\*n.
- 8.14 Financial intermediation services indirectly measured (FISIM) are allocated to users as costs. This requires part of interest payments to financial intermediaries to be reclassified as payments for services, and allocated as output of the financial intermediation producers. An equivalent value is identified as consumption of users. The value of GDP compared to ESA 95 measure, is affected by the amount of FISIM allocated to final consumption, exports and imports.





## **Distribution and use of income accounts (II)**

- 8.15 Distribution and use of income are analysed in four stages: primary distribution, secondary distribution, redistribution in kind and use of income.

The first stage concerns the generation of income resulting directly from the production process and its distribution between the production factors (labour, capital) and general government (via taxes on production and imports, and subsidies). It enables the operating surplus (or mixed income in the case of households) and primary income to be determined.

The second stage traces redistribution of income via transfers, other than social transfers in kind and capital transfers. This yields the disposable income as the balancing item.

For the third stage, individual services provided by government and NPISHs to society are treated as part of household final consumption, and a corresponding income imputed to households. This is achieved through two accounts with adjusted items. An account is introduced called the redistribution of income in kind account, which shows in the resources the imputed extra income for households, and a corresponding use for government and NPISHs as the imputed transfer from these sectors. This gives a balancing item called the adjusted disposable income, which is identical to disposal income at the whole economy level, but different for the sectors of households, government and NPISHs.

In the fourth stage, the disposable income is taken forward to the next account, the use of disposable income account and this shows how the income is consumed, leaving saving as the balancing item. When individual services are recognised as consumption by households through the redistribution in kind account, the use of adjusted disposable income in kind account shows how this measure of adjusted disposable income is spent by households on the social transfers in kind received from government and NPISHs, by adding the value of the social transfers in kind to household final consumption to give a measure called actual final consumption. The consumption for government and NPISHs is reduced by an equal and opposite amount, so that when saving is calculated for the government, NPISHs and household sectors, the adjusted treatment gives the same balancing item of saving for each sector as the standard treatment.

### **Primary distribution of income accounts (II.1)**

#### *Generation of income account (II.1.1)*

The layout of the generation of income account by institutional sector is as shown in the table 8.3.

- 8.16 The generation of income account is also presented by industries, in the columns of the supply and use tables.

- 8.17 The generation of income account presents the transactions of primary income from the point of view of the source sectors, rather than the destination sectors.
- 8.18 It shows how value added covers compensation of employees and other taxes (less subsidies) on production. The balancing item is operating surplus, which is the surplus (or deficit) on production activities before account has been taken of the interest, rents or charges which the production unit
- (a) must pay on financial assets or on natural resources - which it has borrowed or rented;
  - (b) must receive on financial assets or on natural resources of which it is the owner.
- 8.19 In the case of unincorporated enterprises in the households sector, the balancing item of the generation of income account implicitly contains an element corresponding to remuneration for work carried out by the owner or members of the family. This income from self-employment has characteristics of wages and salaries, and characteristics of profit due to work carried out as an entrepreneur. This income, neither strictly wages nor profits alone, is referred to as 'mixed income'.
- 8.20 In the case of own account production of housing services by owner-occupier households, the balancing item of the generation of income account is operating surplus (and not mixed income).

Table 8.3 Account II.1.1: Generation of income account

Uses										
			S.1	S.15	S.14	S.13	S.12	S.11		
	Corresponding entries of the									
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.1g/B.1*g	Value added, gross/gross domestic product
									B.1n/B.1*n	Value added, net/net domestic product
1 150			1 150	11	11	98	44	986	D.1	Compensation of employees
950			950	6	11	63	29	841	D.11	Wages and salaries
200			200	5	0	55	5	145	D.12	Employers' social contributions
181			181	4	0	51	4	132	D.121	Employers' actual social contributions
168			168	4	0	48	4	122	D.1211	Employers' actual pension contributions
13			13	0	0	3	0	10	D.1212	Employers' actual non-pension contributions
19			19	1	0	4	1	13	D.122	Employers' imputed social contributions
18			18	1	0	4	1	12	D.1221	Employers' imputed pension contributions
1			1	0	0	0	0	1	D.1222	Employers' imputed non-pension contributions
235		0	235						D.2	Taxes on production and imports

141		0	141						D.21	Taxes on products
121		0	121						D.211	Value added type taxes (VAT)
17		0	17						D.212	Taxes and duties on imports excluding VAT
17		0	17						D.2121	Import duties
0		0	0						D.2122	Taxes on imports excluding VAT and duties
3		0	3						D.214	Taxes on products except VAT and import taxes
94		0	94	1	0	1	4	88	D.29	Other taxes on production
-44		0	-44						D.3	Subsidies
-8		0	-8						D.31	Subsidies on products
0		0	0						D.311	Import subsidies
-8		0	-8						D.319	Other subsidies on products
-36		0	-36	0	-1	0	0	-35	D.39	Other subsidies on production
452			452	3	84	27	46	292	B.2g	Operating surplus, gross
61			61		61				B.3g	Mixed income, gross
214			214	3	15	27	12	157	P.51c1	Consumption of fixed capital on gross operating surplus
8			8		8				P.51c2	Consumption of fixed capital on gross mixed income
238			238	0	69	0	34	135	B.2n	Operating surplus, net
53			53		53				B.3n	Mixed income, net







## Allocation of primary income account (II.1.2)

- 8.21 Unlike the generation of income account, the allocation of primary income treats the resident units and institutional sectors as recipients rather than producers of primary income.
- 8.22 ‘Primary income’ is the income which resident units receive by virtue of their direct participation in the production process, and the income receivable by the owner of a financial asset or a natural resource in return for providing funds to, or putting the natural resource at the disposal of, another institutional unit.
- 8.23 For the household sector, compensation of employees (D.1) as a resource in the allocation of primary income account is not the same as the D.1 entry as a use in the generation of income account. In the household generation of income account, the use entry shows how much is paid to staff employed in the household business. In the household sector allocation of primary income account, the entry in the resources side shows all the compensation from employment earned by the household sector working as an employee in business, the government etc. So the entry in the allocation account for households is much bigger than the entry in the household sector generation account.
- 8.24 The allocation of primary income account (II.1.2) can be calculated only for the institutional sectors and sub-sectors because, in the case of industries, it is impossible to break down certain flows connected with financing (capital loans and borrowings) and assets.
- 8.25 The allocation of primary income account is broken down into an entrepreneurial income account (II.1.2.1) and an allocation of other primary income account (II.1.2.2).

Table 8.4 Account II.1.2: Allocation of primary income account

Uses										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.2g	Operating surplus, gross
									B.3g	Mixed income, gross
									B.2n	Operating surplus, net
									B.3n	Mixed income, net
6		6							D.1	Compensation of employees
6		6							D.11	Wages and salaries
0		0							D.12	Employers' social contributions
0		0							D.121	Employers' actual social contributions
0		0							D.1211	Employers' actual pension contributions
0		0							D.1212	Employers' actual non-pension contributions
0		0							D.122	Employers' imputed social contributions
0		0							D.1221	Employers' imputed pension contributions
0		0							D.1222	Employers' imputed non-pension contributions
0									D.2	Taxes on production and imports
0									D.21	Taxes on products

0									D.211	Value added type taxes (VAT)
0									D.212	Taxes and duties on imports excluding VAT
0									D.2121	Import duties
0									D.2122	Taxes on imports excluding VAT and duties
0									D.214	Taxes on products except VAT and import taxes
0									D.29	Other taxes on production
0									D.3	Subsidies
0									D.31	Subsidies on products
0									D.311	Import subsidies
0									D.319	Other subsidies on products
0									D.39	Other subsidies on production
435		44	391	6	41	42	168	134	D.4	Property income
230		13	217	6	14	35	106	56	D.41	Interest
79		17	62	0			15	47	D.42	Distributed income of corporations
67		13	54				15	39	D.421	Dividends
12		4	8				0	8	D.422	Withdrawals from income of quasi-corporations
14		14	0				0	0	D.43	Reinvested earnings on foreign direct investment
47		0	47				47		D.44	Other investment income
25		0	25				25		D.441	Investment income attributable to insurance policy holders
8		0	8				8		D.442	Investment income payable on pension entitlements

14		0	14				14		D.443	Investment income attributable to collective investment fund shareholders
6		0	6				6		D.4431	Dividends attributable to collective investment fund shareholders
8		0	8				8		D.4432	Retained earnings attributable to collective investment fund shareholders
653			65	0	27	7	0	31	D.45	Rent
1 864			1 864	4	1 381	198	27	254	B.5g/B.5*g	Balance of primary incomes, gross / National income, gross
1 642			1 642	1	1 358	171	15	97	B.5n/B.5*n	Balance of primary incomes, net / National income, net

Table 8.4 Account II.1.2: Allocation of primary income (continued)

Resources										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
B.2g	Operating surplus, gross	292	46	27	84	3	452			452
B.3g	Mixed income, gross				61		61			61
B.2n	Operating surplus, net	135	34	0	69	0	238			238
B.3n	Mixed income, net				53		53			53
D.1	Compensation of employees				1 154		1 154	2		1 156
D.11	Wages and salaries				954		954	2		956
D.12	Employers' social contributions				200		200	0		200
D.121	Employers' actual social contributions				181		181	0		181
D.1211	Employers' actual pension contributions				168		168	0		168
D.1212	Employers' actual non-pension contributions				13		13	0		13
D.122	Employers' imputed social contributions				19		19	0		19
D.1221	Employers' imputed pension contributions				18		18	0		18
D.1222	Employers' imputed non-pension contributions				1		1	0		1
D.2	Taxes on production and imports			235			235			235

D.21	Taxes on products			141			141			141
D.211	Value added type taxes (VAT)			121			121			121
D.212	Taxes and duties on imports excluding VAT			17			17			17
D.2121	Import duties			17			17			17
D.2122	Taxes on imports excluding VAT and duties			0			0			0
D.214	Taxes on products except VAT and import taxes			3			3			3
D.29	Other taxes on production			94			94			94
D.3	Subsidies			-44			-44			-44
D.31	Subsidies on products			-8			-8			-8
D.311	Import subsidies			0			0			0
D.319	Other subsidies on products			-8			-8			-8
D.39	Other subsidies on production			-36			-36			-36
D.4	Property income	96	149	22	123	7	397	38		435
D.41	Interest	33	106	14	49	7	209	21		230
D.42	Distributed income of corporations	10	25	7	20	0	62	17		79
D.421	Dividends	10	25	5	13	0	53	14		67
D.422	Withdrawals from income of quasi-corporations			2	7		9	3		12
D.43	Reinvested earnings on foreign direct investment	4	7	0	3	0	14	0		14
D.44	Other investment income	8	8	1	30	0	47	0		47
D.441	Investment income attributable to insurance policy holders	5	0	0	20	0	25	0		25
D.442	Investment income payable on pension entitlements				8		8	0		8





### Entrepreneurial income account (II.1.2.1)

8.26 The purpose of the entrepreneurial income account is to determine a balancing item corresponding to the concept of current profit before distribution and income tax, as normally used in business accounting.

8.27 In the case of general government and non-profit institutions serving households, this account concerns only their market activities.

8.28 Entrepreneurial income corresponds to the operating surplus or mixed income (on the resources side):

*plus* property income receivable in connection with financial and other assets belonging to the enterprise (on the resources side);

*minus* interest on debts payable by the enterprise, other investment income payable, and rents payable on land and other natural resources rented by the enterprise (on the uses side).

Property income payable in the form of dividends, withdrawals of income from quasi-corporations, or reinvested earnings on foreign direct investment, are not deducted from entrepreneurial income.

### Allocation of other primary income account (II.1.2.2)

8.29 The purpose of the allocation of other primary income account is to return from the concept of entrepreneurial income to the concept of primary income. It therefore contains the elements of primary income not included in the entrepreneurial income account:

(a) in the case of corporations, distributed dividends, withdrawals of income from quasi-corporations, and reinvested earnings on foreign direct investment (on the uses side);

(b) in the case of households:

1. property income payable, excluding rents and interest payable in connection with the entrepreneurial activity (on the uses side);

2. compensation of employees (on the resources side);

3. property income receivable, excluding that receivable in connection with the activity of the enterprise (on the resources side);

(c) in the case of general government:

1. property income payable, excluding that payable in connection with market activities (on the uses side);

2. taxes on production and imports less subsidies (on the resources side);

3. property income receivable, excluding that receivable in connection with market activities (on the resources side).

Table 8.5 Account II.1.2.1: Entrepreneurial income

Uses										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.2g	Operating surplus, gross
									B.3g	Mixed income, gross
									B.2n	Operating surplus, net
									B.3n	Mixed income, net
240			240				153	87	D.4	Property income
162			162				106	56	D.41	Interest
									D.42	Distributed income of corporations
									D.421	Dividends
									D.422	Withdrawals from income of quasi-corporations
									D.43	Reinvested earnings on foreign direct investment
47			47				47		D.44	Other investment income
25			25				25		D.441	Investment income attributable to insurance policy holders

8			8				8		D.442	Investment income payable on pension entitlements
14			14				14		D.443	Investment income attributable to collective investment fund shareholders
31			31				0	31	D.45	Rent
343			343				42	301	B.4g	Entrepreneurial income. gross
174			174				30	144	B.4n	Entrepreneurial income, net

Table 8.5 Account II.1.2.1: Entrepreneurial income (continued)

Resources										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
B.2g	Operating surplus, gross	292	46	27	84	3	452			452
B.3g	Mixed income, gross				61		61			61
B.2n	Operating surplus, net	135	34	0	69	0	238			238
B.3n	Mixed income, net				53		53			53
D.4	Property income	96	149				245			245
D.41	Interest	33	106				139			139
D.42	Distributed income of corporations	10	25				35			35
D.421	Dividends	10	25				35			35
D.422	Withdrawals from income of quasi-corporations						0			0
D.43	Reinvested earnings on foreign direct investment	4	7				11			11
D.44	Other investment income	8	8				16			16
D.441	Investment income attributable to insurance policy holders	5					5			5



Table 8.5 Account II.1.2.2: Allocation of other primary income

Uses										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.4g	Entrepreneurial income, gross
									B.4n	Entrepreneurial income, net
6		6							D.1	Compensation of employees
6		6							D.11	Wages and salaries
									D.12	Employers' social contributions
									D.121	Employers' actual social contributions
									D.122	Employers' imputed social contributions
									D.2	Taxes on production and imports
									D.21	Taxes on products
									D.211	Value added type taxes (VAT)
									D.212	Taxes and duties on imports excluding VAT
									D.2121	Import duties

									D.2122	Taxes on imports excluding VAT and duties
									D.214	Taxes on products except VAT and import taxes
									D.29	Other taxes on production
									D.3	Subsidies
									D.31	Subsidies on products
									D.311	Import subsidies
									D.319	Other subsidies on products
									D.39	Other subsidies on production
214		63	151	6	41	42	15	47	D.4	Property income
68		13	55	6	14	35			D.41	Interest
98		36	62				15	47	D.42	Distributed income of corporations
54		0	54				15	39	D.421	Dividends
44		36	8					8	D.422	Withdrawals from income of quasi-corporations
14		14	0						D.43	Reinvested earnings on foreign direct investment
									D.44	Other investment income
									D.441	Investment income attributable to insurance policy holders
									D.442	Investment income payable on pension entitlements
									D.443	Investment income attributable to collective investment fund shareholders



34			34	0	27	7			D.45	Rent
1 864			1 864	4	1 381	198	27	254	B.5g/B.5*g	Balance of primary incomes, gross / National income, gross
1 642			1 642	1	1 358	171	15	97	B.5n/B.5*n	Balance of primary incomes, net / National income, net

Table 8.5 Account II.1.2.2: Allocation of other primary income (continued)

Resources										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
B.4g	Entrepreneurial income. Gross	301	42				343			343
B.4n	Entrepreneurial income, net	144	30				174			174
D.1	Compensation of employees				1 154		1 154	2		1 156
D.11	Wages and salaries				954		954	2		956
D.12	Employers' social contributions				200		200			200
D.121	Employers' actual social contributions				181		181			181
D.122	Employers' imputed social contributions				19		19			19
D.2	Taxes on production and imports			235			235			235
D.21	Taxes on products			141			141			141
D.211	Value added type taxes (VAT)			121			121			121
D.212	Taxes and duties on imports excluding VAT			17			17			17
D.2121	Import duties			17			17			17

D.2122	Taxes on imports excluding VAT and duties			0			0			0
D.214	Taxes on products except VAT and import taxes			3			3			3
D.29	Other taxes on production			94			94			94
D.3	Subsidies			-44			-44			-44
D.31	Subsidies on products			-8			-8			-8
D.311	Import subsidies			0			0			0
D.319	Other subsidies on products			-8			-8			-8
D.39	Other subsidies on production			-36			-36			-36
D.4	Property income			22	123	7	152	38		190
D.41	Interest			14	49	7	70	21		91
D.42	Distributed income of corporations			7	20	0	27	17		44
D.421	Dividends			5	13	0	18	14		32
D.422	Withdrawals from income of quasi-corporations			2	7	0	9	3		12
D.43	Reinvested earnings on foreign direct investment			0	3	0	3	0		3
D.44	Other investment income			1	30	0	31	0		31
D.441	Investment income attributable to insurance policy holders			0	20	0	20	0		20
D.442	Investment income payable on pension entitlements			0	8	0	8	0		8
D.443	Investment income attributable to collective investment fund shareholders			1	2	0	3	0		3



## Secondary distribution of income account (II.2)

- 8.30 The secondary distribution of income account shows how the balance of the primary income of an institutional sector is allocated by redistribution: current taxes on income, wealth etc., social contributions and benefits (excluding social transfers in kind) and other current transfers.
- 8.31 The balancing item of the account is disposable income, which reflects current transactions and is the amount available for final consumption or savings.
- 8.32 Social contributions are recorded on the uses side of the secondary distribution of income account of households and on the resources side of the secondary distribution of income account of the institutional sectors responsible for management of social insurance. When payable by employers for their employees, they are first included under compensation of employees, on the uses side of the employers' generation of income account, since they form part of wage costs; they are also recorded, as compensation of employees, on the resources side of the households' allocation of primary income account, since they correspond to benefits to households.

The social contributions shown on the uses side of the secondary distribution of income account of households are net of the service charges of the pension funds and other insurance companies, all or part of whose resources are made up of actual social contributions.

An adjustment item is shown in the table for the social insurance scheme service charges. Net social contributions (D.61) are recorded net of these charges, but as it is difficult to apportion it across the components of D.61, these are shown gross of these charges in the table. So D.61 is the sum of its components, less this adjustment item.

## Redistribution of income in kind account (II.3)

- 8.33 The redistribution of income in kind account gives a broader picture of households' income by including the flows corresponding to the use of individual goods and services which these households receive free of charge from government and NPISHs, i. e. social transfers in kind. This facilitates comparisons over time when there are differences or changes in economic and social conditions, and supplements the analysis of the role of general government in the redistribution of income.
- 8.34 Social transfers in kind are recorded on the resources side of the redistribution of income in kind account in the case of households, and on the uses side in the case of general government and non-profit institutions serving households.
- 8.35 The balancing item in the redistribution of income in kind account is adjusted disposable income, and this is the first entry on the resources side of the use of adjusted disposable income account (II.4.2).

Table 8.6 Account II.2: Secondary distribution of income account

Uses										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.5g/B.5*g	Balance of primary incomes, gross/National income, gross
									B.5n/B.5*n	Balance of primary incomes, net/National income, net
1 229		17	1 212	7	582	248	277	98		Current transfers
213		1	212	0	178	0	10	24	D.5	Current taxes on income, wealth, etc.
204		1	203	0	176	0	7	20	D.51	Taxes on income
9			9	0	2	0	3	4	D.59	Other current taxes
333		0	333		333				D.61	Net social contributions
181		0	181		181				D.611	Employers' actual social contributions
168		0	168		168				D.6111	Employers' actual pension contributions
13		0	13		13				D.6112	Employers' actual non-pension contributions
19		0	19		19				D.612	Employers' imputed social contributions
18		0	18		18				D.6121	Employers' imputed pension contributions
1		0	1		1				D.6122	Employers' imputed non-pension contributions
129		0	129		129				D.613	Households' actual social contributions

115		0	115		115				D.6131	Households' actual pension contributions
14		0	14		14				D.6132	Households' actual non-pension contributions
10		0	10		10				D.614	Households' social contribution supplements
8		0	8		8				D.6141	Households' pension contribution supplements
2		0	2		2				D.6142	Households' non-pension contribution supplements
-6		0	-6		-6				D.61SC	Social insurance scheme service charges
384		0	384	5	0	112	205	62	D.62	Social benefits other than social transfers in kind
53		0	53			53			D.621	Social security benefits in cash
45		0	45			45			D.6211	Social security pension benefits in cash
8		0	8			8			D.6212	Social security non-pension benefits in cash
279		0	279	5	0	7	205	62	D.622	Other social insurance benefits
250		0	250	3	0	5	193	49	D.6221	Other social insurance pension benefits
29		0	29	2	0	2	12	13	D.6222	Other social insurance non-pension benefits
52			52			52			D.623	Social assistance benefits in cash
299		16	283	2	71	136	62	12	D.7	Other current transfers
58		2	56	0	31	4	13	8	D.71	Net non-life insurance premiums
44		1	43	0	31	4	0	8	D.711	Net non-life direct insurance premiums
14		1	13				13		D.712	Net non-life re-insurance premiums
60		12	48				48		D.72	Non-life insurance claims
45		0	45				45		D.721	Non-life direct insurance claims
15		12	3				3		D.722	Non-life re-insurance claims

96		0	96			96			D.73	Current transfers within general government
23		1	22			22			D.74	Current international cooperation
53		1	52	2	40	5	1	4	D.75	Miscellaneous current transfers
36		0	36	0	29	5	1	1	D.751	Current transfers to NPISHs
8		1	7		7				D.752	Current transfers between households
9		0	9	2	4	0	0	3	D.759	Other miscellaneous current transfers
9			9			9			D.76	VAT and GNI – based EU own resources
1 826			1 826	37	1 219	317	25	228	B.6g	Disposable income, gross
1 604			1 604	34	1 196	290	13	71	B.6n	Disposable income, net



Table 8.6 Account II.2: Secondary distribution of income account (continued)

Resources											
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the			
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods & services account	Total	
B.5g/B.5*g	Balance of primary incomes, gross/National income, gross	254	27	198	1 381	4	1 864			1 864	
B.5n/B.5*n	Balance of primary incomes, net/National income, net	97	15	171	1 358	1	1 642			1 642	
	Current transfers	72	275	367	420	40	1 174	55		1 229	
D.5	Current taxes on income, wealth, etc.			213			213	0		213	
D.51	Taxes on income			204			204	0		204	
D.59	Other current taxes			9			9			9	
D.61	Net social contributions	66	212	50	0	5	333	0		333	
D.611	Employers' actual social contributions	31	109	38	0	3	181	0		181	
D.6111	Employers' actual pension contributions	27	104	35	0	2	168	0		168	
D.6112	Employers' actual non-pension contributions	4	5	3	0	1	13	0		13	
D.612	Employers' imputed social contributions	12	2	4	0	1	19	0		19	
D.6121	Employers' imputed pension contributions	12	1	4	0	1	18	0		18	
D.6122	Employers' imputed non-pension contributions	0	1	0	0	0	1	0		1	
D.613	Households' actual social contributions	25	94	9	0	1	129	0		129	

D.6131	Households' actual pension contributions	19	90	6	0	0	115	0		115
D.6132	Households' actual non-pension contributions	6	4	3	0	1	14	0		14
D.614	Households' social contribution supplements		10				10	0		10
D.6141	Households' pension contribution supplements		8				8	0		8
D.6142	Households' non-pension contribution supplements		2				2	0		2
D.61SC	Social insurance scheme service charges	2	3		1		6	0		6
D.62	Social benefits other than social transfers in kind				384		384	0		384
D.621	Social security benefits in cash				53		53	0		53
D.6211	Social security pension benefits in cash				45		45	0		45
D.6212	Social security non-pension benefits in cash				8		8	0		8
D.622	Other social insurance benefits				279		279	0		279
D.6221	Other social insurance pension benefits				250		250	0		250
D.6222	Other social insurance non-pension benefits				29		29	0		29
D.623	Social assistance benefits in cash				52		52	0		52
D.7	Other current transfers	6	62	104	36	36	244	55		299
D.71	Net non-life insurance premiums		47				47	11		58
D.711	Net non-life direct insurance premiums		44				44			44
D.712	Net non-life re-insurance premiums		3				3	11		14
D.72	Non-life insurance claims	6	15	1	35	0	57	3		60
D.721	Non-life direct insurance claims	6		1	35		42	3		45
D.722	Non-life re-insurance claims		15				15	0		15







#### Use of income account (II.4)

- 8.36 For the institutional sectors with final consumption, the use of income account shows how disposable income (or adjusted disposable income) is divided between final consumption expenditure (or actual final consumption) and saving.
- 8.37 In the system, only government, NPISHs and households have final consumption. In addition, the use of income account includes, for households and for pension funds, an adjustment item (D.8 adjustment for the change in pension entitlements) which relates to the way that transactions between households and pension funds are recorded. This is explained in the chapter on distributive transactions, paragraph 4.141.

#### Use of disposable income account (II.4.1)

- 8.38 The use of disposable income account includes the concept of final consumption expenditure financed by the various sectors concerned: households, general government, and non-profit institutions serving households.
- 8.39 The balancing item in the use of disposable income account is saving.

#### Use of adjusted disposable income account (II.4.2)

- 8.40 This account links with the redistribution of income in kind account (II.3). The use of adjusted disposable income account includes the concept of actual final consumption, which corresponds to the value of goods and services actually at the disposal of households for final consumption, even if their acquisition is financed by general government or non-profit institutions serving households.

Consequently, the actual final consumption of general government and NPISHs corresponds only to collective final consumption.

- 8.41 At the level of the total economy, final consumption expenditure and actual final consumption are equal; it is only the distribution over the institutional sectors which differs. The same is true of disposable income and adjusted disposable income.
- 8.42 Saving is the balancing item in both versions of the use of income account. Its value is identical for all sectors, regardless of whether it is obtained by subtracting final consumption expenditure from disposable income, or by subtracting actual final consumption from adjusted disposable income.
- 8.43 Saving is the (positive or negative) amount resulting from current transactions which establishes the link with accumulation. If saving is positive, non-spent income is used for the acquisition of assets or for paying off liabilities. If saving is negative, certain assets are liquidated or certain liabilities increase.











## ACCUMULATION ACCOUNTS (III)

- 8.44 The accumulation accounts are flow accounts. They record the various causes of changes in the assets and liabilities of units and the change in their net worth.
- 8.45 Changes in assets are recorded on the left-hand side of the accounts (plus or minus), changes in liabilities and net worth on the right-hand side (plus or minus).

### **Capital account (III.1)**

- 8.46 The capital account records acquisitions less disposals of non-financial assets by resident units and measures the change in net worth due to saving (final balancing item in the current accounts) and capital transfers.
- 8.47 The capital account makes it possible to determine the extent to which acquisitions less disposals of non-financial assets have been financed out of saving and by capital transfers. It shows a net lending corresponding to the amount available to a unit or sector for financing, directly or indirectly, other units or sectors, or a net borrowing corresponding to the amount which a unit or sector is obliged to borrow from other units or sectors.

#### Change in net worth due to saving and capital transfers account (III.1.1)

- 8.48 This account makes it possible to determine the change in net worth due to saving and capital transfers, which corresponds to net saving plus capital transfers receivable, minus capital transfers payable.

#### Acquisitions of non-financial assets account (III.1.2)

- 8.49 This account records acquisitions less disposals of non-financial assets in order to return from the concept of change in net worth due to saving and capital transfers to net lending or borrowing.

### **Financial account (III.2)**

- 8.50 The financial account records, by type of financial instrument, the changes in the financial assets and liabilities that compose net lending or borrowing. As these should match the financial surplus or deficit balancing items of the capital account, carried forward to this account as the first entry on the changes in liabilities and net worth side, there is no balancing item in this account.
- 8.51 The classification of assets and liabilities used in the financial account is identical to that used in the balance sheets.

Table 8.10 Account III.1.1: Change in net worth due to saving and capital transfers account

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.8n	Saving, net
									B.12	Current external balance
									D.9r	Capital transfers, receivable
									D.91r	Capital taxes, receivable
									D.92r	Investment grants, receivable
									D.99r	Other capital transfers, receivable
									D.9p	Capital transfers, payable
									D.91p	Capital taxes, payable
									D.92p	Investment grants, payable
									D.99p	Other capital transfers, payable
192		-29	221	20	236	-81	-16	62	B.101	Changes in net worth due to saving and capital transfers

Changes in liabilities and net worth											
		S.11	S.12	S.13	S.14	S.15	S.1		Corresponding entries of the		
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	eco-	Rest of the world account	Goods and services account	Total
B.8n	Saving, net	71	2	-62	192	2	205				205
B.12	Current external balance								-13		-13
D.9r	Capital transfers, receivable	33	0	6	23	0	62		4		66
D.91r	Capital taxes, receivable			2			2				2
D.92r	Investment grants, receivable	23	0	0	0	0	23		4		27
D.99r	Other capital transfers, receivable	10		4	23		37				37
D.9p	Capital transfers, payable	-16	-7	-34	-5	-3	-65		-1		-66
D.91p	Capital taxes, payable	0	0	0	-2	0	-2		0		-2
D.92p	Investment grants, payable			-27			-27				-27
D.99p	Other capital transfers, payable	-16	-7	-7	-3	-3	-36		-1		-37
B.101	Changes in net worth due to saving and capital transfers	88	-5	-90	210	-1	202		-10		192

Table 8.11 Account III.1.2: Acquisition of non-financial assets account

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Transactions and balancing items
									B.101	Changes in net worth due to saving and capital transfers
414			414	5	55	38	8	308	P.5g	Gross capital formation
192			192	2	32	11	-4	151	P.5n	Net capital formation
376			376	5	48	35	8	280	P.51g	Gross fixed capital formation
359			359	5	48	35	8	263	P.511	Acquisitions less disposals of fixed assets
358			358	5	45	38	8	262	P.5111	Acquisitions of new fixed assets
9			9	1	3	0	0	5	P.5112	Acquisitions of existing fixed assets
-8			-8	-1	0	-3		-4	P.5113	Disposal of existing fixed assets
17			17					17	P.512	Costs of ownership transfer on non-produced assets
-222			-222	-3	-23	-27	-12	-157	P.51c	Consumption of fixed capital
28			28	0	2	0	0	26	P.52	Changes in inventories
10			10	0	5	3	0	2	P.53	Acquisitions less disposals of valuables

0			0	1	4	2	0	-7	NP	Acquisitions less disposals of non-produced assets
0			0	1	3	2	0	-6	NP.1	Acquisitions less disposals of natural resources
0		0	0	0	1	0	0	-1	NP.2	Acquisitions less disposals of contracts, leases and licences
0		0	0				0	0	NP.3	Purchases less sales of goodwill and marketing assets
0		-10	10	-4	174	-103	-1	-56	B.9	Net lending (+) net borrowing (-)







Table 8.12 Account III.2: Financial account

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations	,	Transactions and balancing items
									B.9	Net lending (+) / net borrowing (-)
483		47	436	2	189	-10	172	83	F	Net acquisition of financial assets
0		1	-1				-1		F.1	Monetary gold and SDRs
0		1	-1				-1		F.11	Monetary gold
0		0	0				0		F.12	SDRs
100		11	89	2	64	-26	10	39	F.2	Currency and deposits
36		3	33	1	10	2	15	5	F.21	Currency
28		2	26	1	27	-27	-5	30	F.22	Transferable deposits
-5			-5				-5		F.221	Inter-bank positions
33		2	31	1	27	-27	0	30	F.229	Other transferable deposits
36		6	30	0	27	-1	0	4	F.29	Other deposits
95		9	86	-1	10	4	66	7	F.3	Debt securities
29		2	27	0	3	1	13	10	F.31	Short-term
66		7	59	-1	7	3	53	-3	F.32	Long-term

82		4	78	0	3	3	53	19	F.4	Loans
25		3	22	0	3	1	4	14	F.41	Short-term
57		1	56	0	0	2	49	5	F.42	Long-term
119		12	107	0	66	3	28	10	F.5	Equity and investment fund shares
103		12	91	0	53	3	25	10	F.51	Equity
87		10	77	0	48	1	23	5	F.511	Listed shares
9		2	7	0	2	1	1	3	F.512	Unlisted shares
7		0	7	0	3	1	1	2	F.519	Other equity
16		0	16	0	13	0	3	0	F.52	Investment fund shares/units
7		0	7	0	5	0	2	0	F.521	Money market fund shares/units
9		0	9	0	8	0	1	0	F.522	Non-MMF investment fund shares/units
48		0	48	0	39	1	7	1	F.6	Insurance, pension and standardised guarantee schemes
7		0	7	0	4	0	2	1	F.61	Non-life insurance technical reserves
22		0	22	0	22	0	0	0	F.62	Life insurance and annuity entitlements
11		0	11		11				F.63	Pension entitlements
3		0	3				3		F.64	Claim of pension funds on pension managers
2		0	2		2				F.65	Entitlements to non-pension benefits
3		0	3	0	0	1	2	0	F.66	Provisions for calls under standardised guarantees
14		0	14	0	3	0	8	3	F.7	Financial derivatives and employee stock options
12		0	12	0	1	0	8	3	F.71	Financial derivatives
5		0	5	0	1	0	3	1	F.711	Options

7		0	7	0	0	0	5	2	F.712	Forwards
2			2		2			0	F.72	Employee stock options
25		10	15	1	4	5	1	4	F.8	Other accounts receivable / payable
15		8	7		3	1		3	F.81	Trade credits and advances
10		2	8	1	1	4	1	1	F.89	Other accounts receivable/payable, excluding trade credits and advances

Table 8.12 Account III.2: Financial account (continued)

Changes in liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Transactions and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
B.9	Net lending (+) / net borrowing (-)	-56	-1	-103	174	-4	10	-10		0
F	Net incurrence of financial liabilities	139	173	93	15	6	426	57		483
F.1	Monetary gold and SDRs									
F.11	Monetary gold									
F.12	SDRs							0		0
F.2	Currency and deposits		65	37			102	-2		100
F.21	Currency			35			35	1		36
F.22	Transferable deposits		26	2			28	0		28
F.221	Inter-bank positions		-5				-5			-5
F.229	Other transferable deposits		31	2			33			33
F.29	Other deposits		39				39	-3		36
F.3	Debt securities	6	30	38	0	0	74	21		95
F.31	Short-term	2	18	4	0	0	24	5		29
F.32	Long-term	4	12	34	0	0	50	16		66

F.4	Loans	21	0	9	11	6	47	35		82
F.41	Short-term	4	0	3	2	2	11	14		25
F.42	Long-term	17	0	6	9	4	36	21		57
F.5	Equity and investment fund shares	83	22				105	14		119
F.51	Equity	83	11				94	9		103
F.511	Listed shares	77	7				84	3		87
F.512	Unlisted shares	3	4				7	2		9
F.519	Other equity	3					3	4		7
F.52	Investment fund shares/units		11				11	5		16
F.521	Money market fund shares/units		5				5	2		7
F.522	Non-MMF investment fund shares/units		6				6	3		9
F.6	Insurance, pension and standardised guarantee schemes		48	0			48	0		48
F.61	Non-life insurance technical reserves		7				7	0		7
F.62	Life insurance and annuity entitlements		22				22	0		22
F.63	Pension entitlements		11				11	0		11
F.64	Claim of pension funds on pension managers		3				3	0		3
F.65	Entitlements to non-pension benefits		2				2	0		2
F.66	Provisions for calls under standardised guarantees		3	0			3	0		3
F.7	Financial derivatives and employee stock options	3	8	0	0	0	11	3		14
F.71	Financial derivatives	2	7	0	0	0	9	3		12
F.711	Options	2	2	0	0	0	4	1		5

F.712	Forwards	0	5	0	0	0	5	2		7
F.72	Employee stock options	1	1				2			2
F.8	Other accounts receivable / payable	26		9	4		39	-14		25
F.81	Trade credits and advances	6	0	6	4	0	16	-1		15
F.89	Other accounts receivable/payable, excluding trade credits and advances	20	0	3	0	0	23	-13		10

### **Other changes in assets account (III.3)**

8.52 The other changes in assets account records changes in assets and liabilities of units, other than in connection with saving and voluntary transfers of wealth, these being recorded in the capital and financial accounts. It is divided into two: the other changes in volume of assets account (III.3.1) and the revaluation account (III.3.2).

#### Other changes in volume of assets account (III.3.1)

8.53 The movements recorded in the other changes in volume of assets account affect the net worth of the balance sheets of the units, sectors and sub-sectors concerned. This change, called change in net worth due to other changes in volume of assets, is the balancing item in the account.

#### Revaluation account (III.3.2)

8.54 The revaluation account records changes in the value of assets and liabilities due to changes in their prices.

For a given asset or liability, this change is measured as:

- (a) either the difference between its value at the end of the accounting period and its value at the start of the accounting period or the date on which it was first entered in the balance sheet;
- (b) or the difference between its value at the date on which it was written out of the balance sheet and its value at the start of the accounting period or the date on which it was first entered in the balance sheet.

This difference is called ‘nominal holding gain (or loss)’.

A nominal holding gain corresponds to the positive revaluation of an asset or the negative revaluation of a (financial) liability.

A nominal holding loss corresponds to the negative revaluation of an asset or the positive revaluation of a (financial) liability.

8.55 The flows recorded in the revaluation account change the net worth of the balance sheets of the units concerned. This change, called ‘change in net worth due to nominal holding gains and losses’, is the balancing item in the account. It is recorded on the changes in liabilities and net worth side.

8.56 The revaluation account is broken down into two sub-accounts: the neutral holding gains and losses account (III.3.2.1) and the real holding gains and losses account (III.3.2.2).

### **Neutral holding gains and losses account (III.3.2.1)**

8.57 The neutral holding gains and losses account records changes in the value of assets and liabilities in proportion to changes in the general price level. Such changes correspond to the revaluation necessary to maintain the general



purchasing power of assets and liabilities. The general price index to be applied for this calculation is the price index for final national uses, excluding changes in inventories.

**Real holding gains and losses account (III.3.2.2)**

8.58 Real holding gains and losses measure the difference between nominal holding gains and losses and neutral holding gains and losses.

8.59 If the nominal holding gains net of the nominal holding losses on a given asset exceed the neutral holding gains net of the neutral holding losses, there is a real holding gain on the asset for the unit holding it. This gain reflects the fact that the actual price of the asset has, on average, risen faster than the general price level. Conversely, a drop in the relative price of the asset produces a real holding loss for the unit holding it.

By the same token, a rise in the relative price of a liability produces a real holding loss on liabilities, while a drop in the relative of a liability generates a real holding gain on liabilities.

Table 8.13 Account III.3.1: Other changes in volume of assets account

Changes in assets								
Total	S.1	S.15	S.14	S.13	S.12	S.11		Other flows
33	33	0	0	7	0	26	K.1	Economic appearance of assets
3	3			3			AN.1	Produced non-financial assets
30	30	0	0	4	0	26	AN.2	Non-produced non-financial assets
26	26			4		22	AN.21	Natural resources
4	4					4	AN.22	Contracts, leases and licences
0	0						AN.23	Purchases less sales of goodwill and marketing assets
-11	-11	0	0	-2	0	-9	K.2	Economic disappearance of non-produced assets
-8	-8	0	0	-2	0	-6	K.21	Depletion of natural resources
-8	-8			-2		-6	AN.21	Natural resources
-3	-3	0	0	0	0	-3	K.22	Other economic disappearance of non-produced assets
0	0						AN.21	Natural resources
-1	-1					-1	AN.22	Contracts, leases and licences
-2	-2					-2	AN.23	Purchases less sales of goodwill and marketing assets
-11	-11	0	0	-6	0	-5	K.3	Catastrophic losses
-9	-9			-4		-5	AN.1	Produced non-financial assets

-2	-2			-2			AN.2	Non-produced non-financial assets
0	0						AF	Financial assets/liabilities
0	0	0	0	5	0	-5	K.4	Uncompensated seizures
0	0			1		-1	AN.1	Produced non-financial assets
0	0			4		-4	AN.2	Non-produced non-financial assets
0	0				-		AF	Financial assets
2	2	0	0	0	1	1	K.5	Other changes in volume n.e.c.
1	1					1	AN.1	Produced non-financial assets
0	0						AN.2	Non-produced non-financial assets
1	1				1		AF	Financial assets/liabilities
0	0	0	0	-4	-2	6	K.6	Changes in classification
2	2	0	0	-4	0	6	K.61	Changes in sector classification and structure
0	0			-3		3	AN.1	Produced non-financial assets
0	0			-1		1	AN.2	Non-produced non-financial assets
2	2					2	AF	Financial assets/liabilities
-2	-2	0	0	0	-2	0	K.62	Changes in classification of assets and liabilities
-2	-2				-2		AN.1	Produced non-financial assets
0	0			0	0	0	AN.2	Non-produced non-financial assets
0	0			0	0	0	AF	Financial assets/liabilities

13	13	0	0	0	-1	14		Total other changes in volume
-7	-7	0	0	-3	-2	-2	AN.1	Produced non-financial assets
-2	-2			-3		1	AN.11	Fixed assets
-3	-3					-3	AN.12	Inventories
-2	-2				-2		AN.13	Valuables
17	17	0	0	3	0	14	AN.2	Non-produced non-financial assets
9	9	0	0	1	-2	10	AN.21	Natural resources
6	6			2		4	AN.22	Contracts, leases and licences
0	0					0	AN.23	Purchases less sales of goodwill and marketing assets
3	3	0	0	0	1	2	AF	Financial assets
0	0				0	0	AF.1	Monetary gold and SDRs
0	0				0	0	AF.2	Currency and deposits
0	0				0	0	AF.3	Debt securities
					0	0	AF.4	Loans
2	2					2	AF.5	Equity and investment fund shares/units
1	1				1		AF.6	Insurance, pension and standardised guarantee schemes
0	0						AF.7	Financial derivatives and employee stock options
0	0						AF.8	Other accounts receivable/payable
							B.102	Changes in net worth due to other changes in volume of assets

Table 8.13 Account III.3.1: Other changes in volume of assets account (continued)

Changes in liabilities and net worth								
	Other flows	S.11	S.12	S.13	S.14	S.15	S.1	Total
K.1	Economic appearance of assets							
AN.1	Produced non-financial assets							
AN.2	Non-produced non-financial assets							
AN.21	Natural resources							
AN.22	Contracts, leases and licences							
AN.23	Purchases less sales of goodwill and marketing assets							
K.2	Economic disappearance of non-produced assets							
K.21	Depletion of natural resources							
AN.21	Natural resources							
K.22	Other economic disappearance of non-produced assets							
AN.21	Natural resources							
AN.22	Contracts, leases and licences							
AN.23	Purchases less sales of goodwill and marketing assets							
K.3	Catastrophic losses							
AN.1	Produced non-financial assets							

AN.2	Non-produced non-financial assets							
AF	Financial assets/liabilities							
K.4	Uncompensated seizures							
AN.1	Produced non-financial assets							
AN.2	Non-produced non-financial assets							
AF	Financial assets							
K.5	Other changes in volume n.e.c.	0	0	0	1	0	1	1
AN.1	Produced non-financial assets							
AN.2	Non-produced non-financial assets							
AF	Financial assets/liabilities	0	0	0	1	0	1	1
K.6	Changes in classification	0	0	2	0	0	2	2
K.61	Changes in sector classification and structure	2	0	2	0	0	2	2
AN.1	Produced non-financial assets							
AN.2	Non-produced non-financial assets							
AF	Financial assets/liabilities	0	0	2	0	0	2	2
K.62	Changes in classification of assets and liabilities	0	0	0	0	0	0	0
AN.1	Produced non-financial assets							
AN.2	Non-produced non-financial assets							
AF	Financial assets/liabilities	0	0	0	0	0	0	0

	Total other changes in volume	0	0	2	1	0	3	3
AN.1	Produced non-financial assets							
AN.11	Fixed assets							
AN.12	Inventories							
AN.13	Valuables							
AN.2	Non-produced non-financial assets							
AN.21	Natural resources							
AN.22	Contracts, leases and licences							
AN.23	Purchases less sales of goodwill and marketing assets							
AF	Financial assets	0	0	2	1	0	3	3
AF.1	Monetary gold and SDRs							
AF.2	Currency and deposits							
AF.3	Debt securities							
AF.4	Loans						0	0
AF.5	Equity and investment fund shares/units			2			2	2
AF.6	Insurance, pension and standardised guarantee schemes				1		1	1
AF.7	Financial derivatives and employee stock options							
AF.8	Other accounts receivable/payable							
B.102	Changes in net worth due to other changes in volume of assets	14	-1	-2	-1	0	10	10

Table 8.14 Account III.3.2: Revaluation account

Changes in assets										
			S.1	S.15	S.14	S.13	S.12	S.11		
	Corresponding entries of the									
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Other flows
									K.7	Nominal holding gains / losses
280			280	8	80	44	4	144	AN	Non-financial assets
126			126	5	35	21	2	63	AN.1	Produced non-financial assets
111			111	5	28	18	2	58	AN.11	Fixed assets
7			7		2	1		4	AN.12	Inventories
8			8		5	2		1	AN.13	Valuables
154			154	3	45	23	2	81	AN.2	Non-produced non-financial assets
152			152	3	45	23	1	80	AN.21	Natural resources
2			2				1	1	AN.22	Contracts, leases and licences
									AN.23	Purchases less sales of goodwill and marketing assets
91		7	84	2	16	1	57	8	AF	Financial assets / liabilities
12			12			1	11		AF.1	Monetary gold and SDRs



0			0						AF.2	Currency and deposits
44		4	40	1	6		30	3	AF.3	Debt securities
0			0						AF.4	Loans
35		3	32	1	10		16	5	AF.5	Equity and investment fund shares/units
0			0						AF.6	Insurance, pension and standardised guarantee schemes
0			0						AF.7	Financial derivatives and employee stock options
0			0						AF.8	Other accounts receivable/payable
									B.103	Changes in net worth due to nominal holding gains / losses

Table 8.14 Account III.3.2: Revaluation account (continued)

Changes in liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Other flows	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
K.7	Nominal holding gains and losses									
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	18	51	7	0	0	76	15		91
AF.1	Monetary gold and SDRs							12		12

AF.2	Currency and deposits									
AF.3	Debt securities	1	34	7			42	2		44
AF.4	Loans									
AF.5	Equity and investment fund shares/units	17	17				34	1		35
AF.6	Insurance, pension and standardised guarantee schemes									
AF.7	Financial derivatives and employee stock options									
AF.8	Other accounts receivable/payable									
B.103	Changes in net worth due to nominal holding gains / losses	134	10	38	96	10	288	4		292

Table 8.14 Account III.3.2.1: Neutral holding gains and losses account

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Other flows and balancing items
									K.71	Neutral holding gains and losses
198			198	6	56	32	3	101	AN	Non-financial assets
121			121	5	34	20	2	60	AN.1	Produced non-financial assets
111			111	5	28	18	2	58	AN.11	Fixed assets
4			4		2	1		1	AN.12	Inventories
6			6		4	1		1	AN.13	Valuables
77			77	1	22	12	1	41	AN.2	Non-produced non-financial assets
76			76	1	22	12	1	40	AN.21	Natural resources
1			1					1	AN.22	Contracts, leases and licences
									AN.23	Purchases less sales of goodwill and marketing assets
148		12	136	3	36	8	71	18	AF	Financial assets / liabilities
16			16			2	14		AF.1	Monetary gold and SDRs

32		2	30	2	17	3		8	AF.2	Currency and deposits
28		3	25	1	4		18	2	AF.3	Debt securities
29		1	28			3	24	1	AF.4	Loans
28		2	26		9		14	3	AF.5	Equity and investment fund shares/units
8		1	7		5		1	1	AF.6	Insurance, pension and standardised guarantee schemes
0			0						AF.7	Financial derivatives and employee stock options
7		3	4		1			3	AF.8	Other accounts receivable/payable
									B.1031	Changes in net worth due to neutral holding gains / losses

Table 8.14 Account III.3.2.1: Neutral holding gains and losses account (continued)

Changes in liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
Code	Other flows and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
K.71	Neutral holding gains and losses									
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	37	68	13	5	3	126	22		148
AF.1	Monetary gold and SDRs							16		16

AF.2	Currency and deposits	1	26	2		1	30	2		32
AF.3	Debt securities	1	21	4			26	2		28
AF.4	Loans	18		7	3	1	29			29
AF.5	Equity and investment fund shares/units	14	14				28			28
AF.6	Insurance, pension and standardised guarantee schemes		7				7	1		8
AF.7	Financial derivatives and employee stock options									
AF.8	Other accounts receivable/payable	3			2	1	6	1		7
B.1031	Changes in net worth due to neutral holding gains / losses	82	6	27	87	6	208	6		214

Table 8.14 Account III.3.2.2: Real holding gains and losses account

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Other flows and balancing items
									K.72	Real holding gains and losses
82			82	2	24	12	1	43	AN	Non-financial assets
5			5	0	1	1	0	3	AN.1	Produced non-financial assets
				0	0	0	0	0	AN.11	Fixed assets
3			3	0	0	0	0	3	AN.12	Inventories
2			2	0	1	1	0	0	AN.13	Valuables
77			77	2	23	11	1	40	AN.2	Non-produced non-financial assets
76			76	2	23	11	0	40	AN.21	Natural resources
1			1	0	0	0	1	0	AN.22	Contracts, leases and licences
									AN.23	Purchases less sales of goodwill and marketing assets
-57		-5	-52	-1	-20	-7	-14	-10	AF	Financial assets / liabilities
-4		0	-4	0	0	-1	-3	0	AF.1	Monetary gold and SDRs



-32		-2	-30	-2	-17	-3	0	-8	AF.2	Currency and deposits
16		1	15	0	2	0	12	1	AF.3	Debt securities
-29		-1	-28	0	0	-3	-24	-1	AF.4	Loans
7		1	6	1	1	0	2	2	AF.5	Equity and investment fund shares/units
-8		-1	-7	0	-5	0	-1	-1	AF.6	Insurance, pension and standardised guarantee schemes
				0	0	0	0	0	AF.7	Financial derivatives and employee stock options
-7		-3	-4	0	-1	0	0	-3	AF.8	Other accounts receivable/payable
									B.1032	Changes in net worth due to real holding gains / losses

Table 8.14 Account III.3.2.2: Real holding gains and losses account (continued)

Changes in liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Other flows and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
K.72	Real holding gains and losses									
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	-19	-17	-6	-5	-3	-50	-7		-57
AF.1	Monetary gold and SDRs	0	0	0	0	0	0	-4		-4

AF.2	Currency and deposits	-1	-26	-2	0	-1	-30	-2		-32
AF.3	Debt securities	0	13	3	0	0	16	0		16
AF.4	Loans	-18	0	-7	-3	-1	-29	0		-29
AF.5	Equity and investment fund shares/units	3	3	0	0	0	6	1		7
AF.6	Insurance, pension and standardised guarantee schemes		-7				-7	-1		-8
AF.7	Financial derivatives and employee stock options	0	0	0	0	0	0	0		0
AF.8	Other accounts receivable/payable	-3	0	0	-2	-1	-6	-1		-7
B.1032	Changes in net worth due to real holding gains / losses	52	4	11	9	4	80	-2		78

## **BALANCE SHEETS (IV)**

8.60 The aim of the balance sheets is to give a picture of the assets, liabilities and net worth of units at the start and end of the accounting period and of changes between balance sheets. The sequence is as follows:

- (a) opening balance sheet (IV.1);
- (b) changes in balance sheet (IV.2);
- (c) closing balance sheet (IV.3).

### **Opening balance sheet (IV.1)**

8.61 The opening balance sheet records the value of assets and liabilities held by units at the start of the accounting period.

These items are categorised on the basis of the classification of assets and liabilities.

They are valued at prices current at the start of the accounting period. The difference between assets and liabilities — the balancing item in the account — is the net worth at the start of the accounting period.

### **Changes in balance sheet (IV.2)**

8.62 The changes in balance sheet account records changes in the value of assets and liabilities in the course of the accounting period and aggregates the amounts recorded in the various accumulation accounts, i. e. change in net worth due to saving and capital transfers, change in net worth due to other volume changes in assets and change in net worth due to nominal holding gains and losses.

### **Closing balance sheet (IV.3)**

8.63 The closing balance sheet records the value of assets and liabilities held by units at the end of the accounting period. These items are categorised on the basis of the same classification used in the opening balance sheet and are valued at prices current at the end of the period.

The difference between assets and liabilities is the net worth at the end of the accounting period.

8.64 The value of an asset or liability in the closing balance sheets is equal to the sum of its value in the opening balance sheets and the amount recorded for the said item in the changes in balance sheet account.

Table 8.15 Account IV.1: Balance sheets – opening balance sheet

Assets										
			S.1	S.15	S.14	S.13	S.12	S.11		
	Corresponding entries of the									
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Stocks and changes in assets
4 621			4 621	159	1 429	789	93	2 151	AN	Non-financial assets
2 818			2 818	124	856	497	67	1 274	AN.1	Produced non-financial assets
2 579			2 579	121	713	467	52	1 226	AN.11	Fixed assets
114			114	1	48	22		43	AN.12	Inventories
125			125	2	95	8	15	5	AN.13	Valuables
1 803			1 803	35	573	292	26	877	AN.2	Non-produced non-financial assets
1 781			1 781	35	573	286	23	864	AN.21	Natural resources
22			22			6	3	13	AN.22	Contracts, leases and licences
0			0					3	AN.23	Purchases less sales of goodwill and marketing assets
9 036		805	8 231	172	3 260	396	3 421	982	AF	Financial assets / liabilities
770			770			80	690		AF.1	Monetary gold and SDRs
1 587		105	1 482	110	840	150		382	AF.2	Currency and deposits



Table 8.15 Account IV.1: Balance sheets – opening balance sheet (continued)

Liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Stocks and changes in liabilities	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	3 221	3 544	687	189	121	7 762	1 274		9 036
AF.1	Monetary gold and SDRs						0	770		770
AF.2	Currency and deposits	40	1 281	102	10	38	1 471	116		1 587

AF.3	Debt securities	44	1 053	212	2		1 311	77		1 388
AF.4	Loans	897		328	169	43	1 437	17		1 454
AF.5	Equity and investment fund shares/units	1 987	765	4			2 756	203		2 959
AF.6	Insurance , pension and standardised guarantee schemes	12	435	19		5	471	25		496
AF.7	Financial derivatives and employee stock options	4	10				14	7		21
AF.8	Other accounts receivable / payable	237		22	8	35	302	59		361
B.90	Net worth	-88	-30	498	4 500	210	5 090	-469		4 621



Table 8.15 Account IV.2: Balance sheets – changes in balance sheet

Changes in assets										
	Corresponding entries of the		S.1	S.15	S.14	S.13	S.12	S.11		
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Stocks and change in assets
482			482	11	115	57	-4	301	AN	Non-financial assets
294			294	7	67	29	-4	195	AN.1	Produced non-financial assets
246			246	7	53	23	-2	165	AN.11	Fixed assets
32			32	0	4	1	0	27	AN.12	Inventories
16			16	0	10	5	-2	3	AN.13	Valuables
186			186	4	48	28	0	106	AN.2	Non-produced non-financial assets
178			178	4	48	26	-1	101	AN.21	Natural resources
8			8	0	0	2	1	5	AN.22	Contracts, leases and licences
0			0	0	0	0	0	0	AN.23	Purchases less sales of goodwill and marketing assets
577		54	523	4	205	-9	230	93	AF	Financial assets / liabilities
12		1	11	0	0	1	10	0	AF.1	Monetary gold and SDRs
100		11	89	2	64	-26	10	39	AF.2	Currency and deposits

139		13	126	0	16	4	96	10	AF.3	Debt securities
82		4	78	0	3	3	53	19	AF.4	Loans
156		15	141	1	76	3	44	17	AF.5	Equity and investment fund shares/units
49		0	49	0	39	1	8	1	AF.6	Insurance , pension and standardised guarantee schemes
14		0	14	0	3	0	8	3	AF.7	Financial derivatives and employee stock options
25		10	15	1	4	5	1	4	AF.8	Other accounts receivable / payable
									B.10	Changes in net worth, due to
									B.101	Saving and capital transfer
									B.102	Other changes in volume of assets
									B.103	Nominal holding gains/losses
									B.1031	Neutral holding gains/losses
									B.1032	Real holding gains/losses

Table 8.15 Account IV. 2: Balance sheets – changes in balance sheet (continued)

Changes in liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Stocks and changes in liabilities	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	157	224	102	16	6	505	72		577
AF.1	Monetary gold and SDRs							12		12
AF.2	Currency and deposits	0	65	37	0	0	102	-2		100

AF.3	Debt securities	7	64	45	0	0	116	23		139
AF.4	Loans	21	0	9	11	6	47	35		82
AF.5	Equity and investment fund shares/units	100	39	2	0	0	141	15		156
AF.6	Insurance , pension and standardised guarantee schemes	0	48	0	1	0	49	0		49
AF.7	Financial derivatives and employee stock options	3	8	0	0	0	11	3		14
AF.8	Other accounts receivable / payable	26	0	9	4	0	39	-14		25
B.10	Changes in net worth, due to	237	2	-54	304	9	500	-6		494
B.101	Saving and capital transfer	88	-5	90	210	-1	202	-10		192
B.102	Other changes in volume of assets	14	-1	-2	-1	0	10			10
B.103	Nominal holding gains/losses	134	10	38	96	10	288	4		292
B.1031	Neutral holding gains/losses	82	6	27	87	6	208	6		214
B.1032	Real holding gains/losses	52	4	11	9	4	80	-2		78

Table 8.15 Account IV.3: Balance sheets – closing balance sheet

Assets										
			S.1	S.15	S.14	S.13	S.12	S.11		
	Corresponding entries of the									
Total	Goods and Services account	Rest of the world account	Total economy	NPISHs	Households	General government	Financial corporations	Non-financial corporations		Stocks and changes in assets
5 101			5 101	170	1 544	846	89	2 452	AN	Non-financial assets
3 112			3 112	131	923	526	63	1 469	AN.1	Produced non-financial assets
2 825			2 825	128	766	490	50	1 391	AN.11	Fixed assets
146			146	1	52	23	0	70	AN.12	Inventories
141			141	2	105	13	13	8	AN.13	Valuables
1 989			1 989	39	621	320	26	983	AN.2	Non-produced non-financial assets
1 959			1 959	39	621	312	22	965	AN.21	Natural resources
30			30	0	0	8	4	18	AN.22	Contracts, leases and licences
3			0	0	0	0	0	0	AN.23	Purchases less sales of goodwill and marketing assets
9 613		859	8 754	176	3 465	387	3 651	1 075	AF	Financial assets / liabilities
782		1	781	0	0	81	700	0	AF.1	Monetary gold and SDRs
1 687		116	1 571	112	904	124	10	421	AF.2	Currency and deposits



Table 8.15 Account IV.3: Balance sheets – closing balance sheet (continued)

Liabilities and net worth										
		S.11	S.12	S.13	S.14	S.15	S.1	Corresponding entries of the		
	Other flows and balancing items	Non-financial corporations	Financial corporations	General government	Households	NPISHs	Total economy	Rest of the world account	Goods and services account	Total
AN	Non-financial assets									
AN.1	Produced non-financial assets									
AN.11	Fixed assets									
AN.12	Inventories									
AN.13	Valuables									
AN.2	Non-produced non-financial assets									
AN.21	Natural resources									
AN.22	Contracts, leases and licences									
AN.23	Purchases less sales of goodwill and marketing assets									
AF	Financial assets / liabilities	3 378	3 768	789	205	127	8 267	1 346		9 613
AF.1	Monetary gold and SDRs							782		782
AF.2	Currency and deposits	40	1 346	139	10	38	1 573	114		1 687

AF.3	Debt securities	51	1 117	257	2	0	1 427	100		1 527
AF.4	Loans	918	0	337	180	49	1 484	52		1 536
AF.5	Equity and investment fund shares/units	2 087	804	6	0	0	2 897	218		3 115
AF.6	Insurance, pension and standardised guarantee schemes	12	483	19	1	5	520	25		545
AF.7	Financial derivatives and employee stock options	7	18	0	0	0	25	10		35
AF.8	Other accounts receivable / payable	263	0	31	12	35	341	45		386
B.90	Net worth	149	-28	444	4 804	219	5 590	-475		5 115



## REST OF THE WORLD ACCOUNTS (V)

- 8.65 The rest of the world accounts record transactions between resident and non-resident units. The rest of the world does not constitute an institutional sector as such, but in the structure of the system it plays a similar role.
- 8.66 The sequence of rest of the world accounts follows the same general pattern as the institutional sector accounts, i. e.:
- (a) current accounts,
  - (b) accumulation accounts,
  - (c) balance sheets.
- 8.67 These accounts are drawn up from the point of view of the rest of the world. Thus, what is a resource for the rest of the world is a use for the total economy and vice versa. By the same token, a financial asset held by the rest of the world is a liability for the total economy and vice versa). An exception is gold bullion held as reserve assets, which despite having no counterpart liability, are recorded in the financial account because of their role in international payments.

## CURRENT ACCOUNTS

### *External account of goods and services (V.I)*

- 8.68 Imports of goods and services are recorded on the resources side of the account and exports of goods and services on the uses side. The difference between resources and uses is the balancing item in the account, called 'external balance of goods and services'. If it is positive, there is a surplus for the rest of the world and a deficit for the total economy and vice versa if it is negative.
- 8.69 Imports and exports are both valued at the customs frontier of the exporting country. For exports, the values will be collected at prices which are "*free on board*" (fob.). The import values will be collected at prices including "*carriage, insurance and freight*" incurred between the country of origin and the importing country i.e. on a cif basis. In order to reduce the import value to a *free on board* basis reflecting the value at the frontier of the country of origin, the cif element must be subtracted from the goods value measured at the point of entry of the importing country. This cif element is then allocated to the appropriate service activities, either as imports in the case of non-resident units, and domestic output in the case of resident units providing these services.

When transport and insurance services included in the fob value of imports of goods (i. e. between the factory and the border of the country of export) are provided by resident units, they must be included in the value of exports of services by the economy importing the goods. Conversely, when transport and insurance services included in the fob value of exports of goods are

provided by non-resident units they must be included in the value of imports of services by the economy exporting the goods.

***External account of primary incomes and current transfers (V.II)***

- 8.70 The purpose of the external account of primary incomes and current transfers is to determine the current external balance, which, in the structure of the system, corresponds to saving by the institutional sectors. This account is a condensed version of the sequence, for an institutional sector, extending from the allocation of primary income account to the use of income account.
- 8.71 On the resources side, the external account of primary incomes and current transfers shows the external balance of goods and services. It also records, on the resources or uses side, all distributive transactions which may involve the rest of the world, apart from capital transfers.

***EXTERNAL ACCUMULATION ACCOUNTS (V.III)***

***Capital account (V.III.1)***

- 8.72 The rest of the world capital account records acquisitions less disposals of non-produced assets by non-resident units and measures the changes in net worth due to saving and capital transfers.
- 8.73 The balancing item of the capital account is the net lending or borrowing of the rest of the world. It is equal, but has the opposite sign, to the sum of the net lending or borrowing of the resident institutional sectors.

***Financial account (V.III.2)***

- 8.74 The layout of the rest of the world financial account is identical to that of the institutional sectors' financial account.

***Other changes in assets account (V.III.3)***

- 8.75 As for the institutional sectors, the changes in net worth due to other changes in volume of assets and due to nominal holding gains and losses are determined successively, holding gains and losses themselves being broken down into neutral and real holding gains and losses.
- 8.76 The absence of produced assets in the accumulation accounts and balance sheets of the rest of the world is due to the convention whereby a notional institutional unit is created, the rest of the world being deemed to have acquired a financial asset — and vice versa for assets held in other economies by resident units.

***BALANCE SHEETS (V.IV)***

- 8.77 The balance sheets of the rest of the world contain financial assets and liabilities. On the assets side, they also record the total acquisitions less disposals between non-resident and resident units of monetary gold and SDRs.

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account)

**V.I: External account of goods and services**

Uses			Resources		
P.6	Exports of goods and services	540	P.7	Imports of goods and services	499
P.61	Exports of goods	462	P.71	Imports of goods	392
P.62	Exports of services	78	P.72	Imports of services	107
B.11	External balance of goods and services	-41			

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account)  
(continued)

V.II: External account of primary incomes and current transfers

Uses			Resources		
D.1	Compensation of employees	6	B.11	External balance of goods and services	-41
D.11	Wages and salaries	6			
			D.1	Compensation of employees	2
D.2	Taxes on production and imports	0	D.11	Wages and salaries	2
D.21	Taxes on products	0	D.12	Employers, social contributions	0
D.211	Value added type taxes (VAT)	0	D.121	Employers, actual social contributions	0
D.212	Taxes and duties on imports excl. VAT	0	D.122	Employers, imputed social contributions	0
D.2121	Import duties	0			
D.2122	Taxes on imports excluding VAT & duties	0	D.2	Taxes on production and imports	
D.214	Taxes on products except VAT & import taxes		D.21	Taxes on products	0
D.29	Other taxes on production	0	D.211	Value added type taxes (VAT)	0
			D.212	Taxes and duties on imports excluding VAT	0
D.3	Subsidies	0	D.2121	Import duties	0
D.31	Subsidies on products	0	D.2122	Taxes on imports excluding VAT and duties	0
D.311	Import subsidies	0	D.214	Taxes on products except VAT and import taxes	0
D.319	Other subsidies on products	0			
D.39	Other subsidies on production	0	D.29	Other taxes on production	0
D.4	Property income	44	D.3	Subsidies	0
D.41	Interest	13	D.31	Subsidies on products	0
D.42	Distributed income of corporations	17	D.311	Import subsidies	0
D.421	Dividends	13	D.319	Other subsidies on products	0
D.422	Withdrawals from income of quasi-corporations	4	D.39	Other subsidies on production	0
D.43	Reinvested earnings on foreign direct investment	14			
D.44	Other investment income	0	D.4	Property income	38
			D.41	Interest	21
	Current transfers	17	D.42	Distributed income of corporations	17
D.5	Current taxes on income, wealth, etc.	1	D.421	Dividends	14
D.51	Taxes on income	1	D.422	Withdrawals from income of quasi-corporations	3

D.59	Other current taxes	0	D.43	Reinvested earnings on foreign direct investment	0
D.61	Net social contributions	0	D.44	Other investment income	0
D.611	Employers' actual social contributions	0			
D.6111	Employers' actual pension contributions	0		Current transfers	55
D.6112	Employers' actual non-pension contributions	0	D.5	Current taxes on income, wealth, etc.	0
D.612	Employers' imputed social contributions	0	D.51	Taxes on income	0
D.6121	Employers' imputed pension contributions	0	D.59	Other current taxes	
D.6122	Employers' imputed non-pension contributions	0	D.61	Net social contributions	0
D.613	Households' actual social contributions	0	D.611	Employers' actual social contributions	0
D.6131	Households' actual pension contributions	0	D.6111	Employers' actual pension contributions	0
D.6132	Households' actual non-pension contributions	0	D.6112	Employers' actual non-pension contributions	0
D.614	Households' social contribution supplements	0	D.612	Employers' imputed social contributions	0
D.6141	Households' pension contribution supplements	0	D.6121	Employers' imputed pension contributions	0
D.6142	Households' non-pension contribution supplements	0	D.6122	Employers' imputed non-pension contributions	0
D.61SC	Social insurance scheme service charges	0	D.613	Households' actual social contributions	0
D.62	Social benefits other than social transfers in kind	0	D.6131	Households' actual pension contributions	0
D.621	Social security benefits in cash	0	D.6132	Households' actual non-pension contributions	0
D.6211	Social security pension benefits in cash	0	D.614	Households' social contribution supplements	0
D.6212	Social security non-pension benefits cash	0	D.6141	Households' pension contribution supplements	0
D.622	Other social insurance benefits	0	D.6142	Households' non-pension contribution supplements	0
D.6221	Other social insurance pension benefits	0	D.61SC	Social insurance scheme service charges	0
D.6222	Other social insurance non-pension benefits	0	D.62	Social benefits other than social transfers in kind	0
D.623	Social assistance benefits in cash		D.621	Social security benefits in cash	0
D.7	Other current transfers	16	D.6211	Social security pension benefits in cash	0
D.71	Net non-life insurance premiums	2	D.6212	Social security non-pension benefits in cash	0
D.711	Net non-life direct insurance premiums	1	D.622	Other social insurance benefits	0
D.712	Net non-life re-insurance premiums	1	D.6221	Other social insurance pension benefits	0
D.72	Non-life insurance claims	12	D.6222	Other social insurance non-pension benefits	0
D.721	Non-life direct insurance claims	0	D.623	Social assistance benefits in cash	0
D.722	Non-life re-insurance claims	12	D.7	Other current transfers	55
D.73	Current transfers within general government	0	D.71	Net non-life insurance premiums	11
D.74	Current international cooperation	1	D.711	Net non-life direct insurance premiums	0

D.75	Miscellaneous current transfers	1	D.712	Net non-life re-insurance premiums	11
D.751	Current transfers to NPISHs	0	D.72	Non-life insurance claims	3
D.752	Current transfers between households	1	D.721	Non-life direct insurance claims	3
D.759	Other miscellaneous current transfers	0	D.722	Non-life re-insurance claims	0
			D.73	Current transfers within general government	0
D.8	Adjustment for the change in pension entitlements	0	D.74	Current international cooperation	22
			D.75	Miscellaneous current transfers	10
			D.751	Current transfers to NPISHs	0
			D.752	Current transfers between households	7
			D.759	Other miscellaneous current transfers	3
			D.76	VAT and GNI - based EU own resources	9
			D.8	Adjustment for the change in pension entitlements	0
B.12	Current external balance	-13			

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account) (continued)

V.III: Accumulation accounts

V.III.1: Capital accounts

V.III.1.1: Change in net worth due to saving and capital transfers accounts

Changes in assets			Changes in liabilities and net worth		
			B.12	Current external balance	-13
			D.9r	Capital transfers, receivable	4
			D.91r	Capital taxes, receivable	
			D.92r	Investment grants, receivable	4
			D.99r	Other capital transfers, receivable	
			D.9p	Capital transfers, payable	-1
			D.91p	Capital taxes, payable	
			D.92p	Investment grants, payable	
			D.99p	Other capital transfers, payable	-1
B.101	Changes in net worth due to current external balance and capital transfers	-10			

V.III.1.2: Acquisition of non-financial assets

Changes in assets			Changes in liabilities and net worth		
NP	Acquisitions less disposals of non-produced assets	0	B.101	Changes in net worth due to current external balance and capital transfers	-10
NP.1	Acquisitions less disposals of natural resources	0			
NP.2	Acquisitions less disposals of contracts, Leases and licences	0			
NP.3	Purchases less sales of goodwill and marketing assets	0			
B.9	Net lending (+) / net borrowing (-)	-10			

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account) (cont.)

V.III.2: Financial account

Changes in assets			Changes in liabilities and net worth		
F	Net acquisition of financial assets	47	F	Net acquisition of financial assets	57
F.1	Monetary gold and SDRs	1	F.1	Monetary gold and SDRs	
F.11	Monetary gold	1	F.11	Monetary gold	
F.12	SDRs	0	F.12	SDRs	0
F.2	Currency and deposits	11	F.2	Currency and deposits	-2
F.21	Currency	3	F.21	Currency	1
F.22	Transferable deposits	2	F.22	Transferable deposits	0
F.221	Inter-bank positions		F.221	Inter-bank positions	
F.229	Other transferable deposits	2	F.229	Other transferable deposits	
F.29	Other deposits	6	F.29	Other deposits	-3
F.3	Debt securities	9	F.3	Debt securities	21
F.31	Short-term	2	F.31	Short-term	5
F.32	Long-term	7	F.32	Long-term	16
F.4	Loans	4	F.4	Loans	35
F.41	Short-term	3	F.41	Short-term	14
F.42	Long-term	1	F.42	Long-term	21
F.5	Equity and investment fund shares	12	F.5	Equity and investment fund shares	14
F.51	Equity	12	F.51	Equity	9
F.511	Listed shares	10	F.511	Listed shares	3
F.512	Unlisted shares	2	F.512	Unlisted shares	2
F.519	Other equity	0	F.519	Other equity	4
F.52	Investment fund shares/units	0	F.52	Investment fund shares/units	5
F.521	Money market fund shares/units	0	F.521	Money market fund shares/units	2
F.522	Non-MMF investment fund shares/units	0	F.522	Non-MMF investment fund shares/units	3
F.6	Insurance, pension and standardised guarantee schemes	0	F.6	Insurance, pension and standardised guarantee schemes	0
F.61	Non-life insurance technical reserves	0	F.61	Non-life insurance technical reserves	0
F.62	Life insurance and annuity entitlements	0	F.62	Life insurance and annuity entitlements	0



F.63	Pension entitlements	0	F.63	Pension entitlements	0
F.64	Claim of pension funds on pension managers	0	F.64	Claim of pension funds on pension managers	0
F.65	Entitlements to non-pension benefits	0	F.65	Entitlements to non-pension benefits	0
F.66	Provisions for calls under standardised guarantees	0	F.66	Provisions for calls under standardised guarantees	0
F.7	Financial derivatives and employee stock options	0	F.7	Financial derivatives and employee stock options	3
F.71	Financial derivatives	0	F.71	Financial derivatives	3
F.711	Options	0	F.711	Options	1
F.712	Forwards	0	F.712	Forwards	2
F.72	Employee stock options		F.72	Employee stock options	
F.8	Other accounts receivable / payable	10	F.8	Other accounts receivable / payable	-14
F.81	Trade credits and advances	8	F.81	Trade credits and advances	-1
F.89	Other accounts receivable/payable, excluding trade credits and advances	2	F.89	Other accounts receivable/payable, excluding trade credits and advances	-13

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account) (continued)

V.III.3: Other changes in assets accounts

V.III.3.1: Other changes in volume of assets account

	Other flows				
K.1	Economic appearance of assets	0	K.1	Economic appearance of assets	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AN.21	Natural resources	0	AN.21	Natural resources	0
AN.22	Contracts, leases and licences	0	AN.22	Contracts, leases and licences	0
AN.23	Purchases less sales of goodwill and marketing assets	0	AN.23	Purchases less sales of goodwill and marketing assets	0
K.2	Economic disappearance of non-produced assets	0	K.2	Economic disappearance of non-produced assets	0
K.21	Depletion of natural resources	0	K.21	Depletion of natural resources	0
AN.21	Natural resources	0	AN.21	Natural resources	0
K.22	Other economic disappearance of non-produced assets	0	K.22	Other economic disappearance of non-produced assets	0
AN.21	Natural resources	0	AN.21	Natural resources	0
AN.22	Contracts, leases and licences	0	AN.22	Contracts, leases and licences	0
AN.23	Purchases less sales of goodwill and marketing assets	0	AN.23	Purchases less sales of goodwill and marketing assets	0
K.3	Catastrophic losses	0	K.3	Catastrophic losses	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AF	Financial assets/liabilities	0	AF	Financial assets/liabilities	0
K.4	Uncompensated seizures	0	K.4	Uncompensated seizures	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AF	Financial assets	0	AF	Financial assets	0
K.5	Other changes in volume n.e.c.	0	K.5	Other changes in volume n.e.c.	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0

AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AF	Financial assets/liabilities	0	AF	Financial assets/liabilities	0
K.6	Changes in classification	0	K.6	Changes in classification	0
K.61	Changes in sector classification and structure	0	K.61	Changes in sector classification and structure	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AF	Financial assets/liabilities	0	AF	Financial assets/liabilities	0
K.62	Changes in classification of assets and liabilities	0	K.62	Changes in classification of assets and liabilities	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AF	Financial assets/liabilities	0	AF	Financial assets/liabilities	0
	Total other changes in volume	0		Total other changes in volume	0
AN.1	Produced non-financial assets	0	AN.1	Produced non-financial assets	0
AN.11	Fixed assets	0	AN.11	Fixed assets	0
AN.12	Inventories	0	AN.12	Inventories	0
AN.13	Valuables	0	AN.13	Valuables	0
AN.2	Non-produced non-financial assets	0	AN.2	Non-produced non-financial assets	0
AN.21	Natural resources	0	AN.21	Natural resources	0
AN.22	Contracts, leases and licences	0	AN.22	Contracts, leases and licences	0
AN.23	Purchases less sales of goodwill and marketing assets	0	AN.23	Purchases less sales of goodwill and marketing assets	0
AF	Financial assets	0	AF	Financial assets	0
AF.1	Monetary gold and SDRs	0	AF.1	Monetary gold and SDRs	0
AF.2	Currency and deposits	0	AF.2	Currency and deposits	0
AF.3	Debt securities	0	AF.3	Debt securities	0
AF.4	Loans	0	AF.4	Loans	0
AF.5	Equity and investment fund shares/units	0	AF.5	Equity and investment fund shares/units	0
AF.6	Insurance, pension and standardised guarantee schemes	0	AF.6	Insurance, pension and standardised guarantee schemes	0
AF.7	Financial derivatives and employee stock options	0	AF.7	Financial derivatives and employee stock options	0

AF.8	Other accounts receivable/payable	0	AF.8	Other accounts receivable/payable	0
	Changes in net worth due to other changes in volume of assets	0		Changes in net worth due to other changes in volume of assets	0

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account) (continued)

V.III.3: Other changes in assets accounts

V.III.3.2: Revaluation account

Changes in assets			Changes in liabilities and net worth		
K.7	Nominal holding gains (+)/losses(-)		K.7	Nominal holding gains (+)/losses(-)	
AN.2	Non-produced non-financial assets		AF	Financial assets/liabilities	15
AN.21	Natural resources		AF.1	Monetary gold and SDRs	12
AN.22	Contracts, leases and licences		AF.2	Currency and deposits	0
AN.23	Purchases less sales of goodwill and marketing assets		AF.3	Debt securities	2
AF	Financial assets	7	AF.4	Loans	0
AF.1	Monetary gold and SDRs	0	AF.5	Equity and investment fund shares/units	1
AF.2	Currency and deposits		AF.6	Insurance, pension and standardised guarantee schemes	0
AF.3	Debt securities	4	AF.7	Financial derivatives and employee stock options	0
AF.4	Loans	0	AF.8	Other accounts payable	0
AF.5	Equity and investment fund shares/units	3			
AF.6	Insurance, pension and standardised guarantee schemes	0			
AF.7	Financial derivatives and employee stock options	0			
AF.8	Other accounts receivable	0			
			B.103	Changes in net worth due to nominal holding gains/losses	4

V.III.3.2.1: Neutral holding gains/losses account

Changes in assets			Changes in liabilities and net worth		
K.71	Neutral holding gains (+)/losses(-)		K.71	Neutral holding gains (+)/losses(-)	
AN.2	Non-produced non-financial assets		AF	Financial assets	22
AN.21	Natural resources		AF.1	Monetary gold and SDRs	16
AN.22	Contracts, leases and licences		AF.2	Currency and deposits	2
AN.23	Purchases less sales of goodwill and marketing assets		AF.3	Debt securities	2

AF	Financial assets	12	AF.4	Loans	0
AF.1	Monetary gold and SDRs		AF.5	Equity and investment fund shares/units	0
AF.2	Currency and deposits	2	AF.6	Insurance, pension and standardised guarantee schemes	1
AF.3	Debt securities	3	AF.7	Financial derivatives and employee stock options	0
AF.4	Loans	1	AF.8	Other accounts payable	1
AF.5	Equity and investment fund shares/units	2			
AF.6	Insurance, pension and standardised guarantee schemes	1			
AF.7	Financial derivatives and employee stock options	0			
AF.8	Other accounts receivable	3			
			B.1031	Changes in net worth due to neutral holding gains/losses	6

#### V.III.3.2.2: Real holding gains/losses account

Changes in assets			Changes in liabilities and net worth		
K.72	Real holding gains (+)/losses(-)		K.72	Real holding gains (+)/losses(-)	
AN.2	Non-produced non-financial assets		AF	Financial assets	-7
AN.21	Natural resources		AF.1	Monetary gold and SDRs	-4
AN.22	Contracts, leases and licences		AF.2	Currency and deposits	-2
AN.23	Purchases less sales of goodwill and marketing assets		AF.3	Debt securities	0
AF	Financial assets	-5	AF.4	Loans	0
AF.1	Monetary gold and SDRs	0	AF.5	Equity and investment fund shares/units	1
AF.2	Currency and deposits	-2	AF.6	Insurance, pension and standardised guarantee schemes	-1
AF.3	Debt securities	1	AF.7	Financial derivatives and employee stock options	0
AF.4	Loans	-1	AF.8	Other accounts payable	-1
AF.5	Equity and investment fund shares/units	1			
AF.6	Insurance, pension and standardised	-1			

	guarantee schemes				
AF.7	Financial derivatives and employee stock options				
AF.8	Other accounts receivable	-3			
			B.1032	Changes in net worth due to real holding gains/losses	-2

Table 8.16 Full sequence of accounts for the rest of the world (external transactions account) (continued)

V.IV: External assets and liabilities account

V.IV.1: Opening balance sheet

Assets			Liabilities and net worth		
AN	Non-financial assets	0	AF	Financial liabilities	1 274
AN.2	Non-produced non-financial assets	0	AF.1	Monetary gold and SDRs	770
AN.21	Natural resources	0	AF.2	Currency and deposits	116
AN.22	Contracts, leases and licences	0	AF.3	Debt securities	77
AN.23	Purchases less sales of goodwill and marketing assets	0	AF.4	Loans	17
			AF.5	Equity and investment fund shares/units	203
AF	Financial assets	805	AF.6	Insurance, pension and standardised guarantee schemes	25
AF.1	Monetary gold and SDRs		AF.7	Financial derivatives and employee stock options	7
AF.2	Currency and deposits	105	AF.8	Other accounts payable	59
AF.3	Debt securities	125			
AF.4	Loans	70			
AF.5	Equity and investment fund shares/units	345			
AF.6	Insurance, pension and standardised guarantee schemes	26			
AF.7	Financial derivatives and employee stock options	0			
AF.8	Other accounts receivable	134			
			B.90	Net worth	-469

V.IV.2: Changes in balance sheet

Changes in assets			Changes in liabilities and net worth		
AN	Non-financial assets		AF	Financial liabilities	72
AN.2	Non-produced non-financial assets		AF.1	Monetary gold and SDRs	12
AN.21	Natural resources		AF.2	Currency and deposits	-2



AN.22	Contracts, leases and licences		AF.3	Debt securities	23
AN.23	Purchases less sales of goodwill and marketing assets		AF.4	Loans	35
			AF.5	Equity and investment fund shares/units	15
AF	Financial assets	54	AF.6	Insurance, pension and standardised guarantee schemes	0
AF.1	Monetary gold and SDRs	1	AF.7	Financial derivatives and employee stock options	3
AF.2	Currency and deposits	11	AF.8	Other accounts payable	-14
AF.3	Debt securities	13			
AF.4	Loans	4			
AF.5	Equity and investment fund shares/units	15			
AF.6	Insurance, pension and standardised guarantee schemes	0			
AF.7	Financial derivatives and employee stock options	0			
AF.8	Other accounts receivable	10			
			B.10	Changes in net worth Due to:	-6
			B.101	Current external balance and capital transfers	-10
			B.102	Other changes in volume of assets	0
			B.103	Nominal holding gains/losses	4
			B.1031	Neutral holding gains/losses	6
			B.1032	Real holding gains/losses	-2

### V.IV.3: Closing balance sheet

Assets			Liabilities and net worth		
AN	Non-financial assets		AF	Financial liabilities	1 346
AN.2	Non-produced non-financial assets		AF.1	Monetary gold and SDRs	782
AN.21	Natural resources		AF.2	Currency and deposits	114
AN.22	Contracts, leases and licences		AF.3	Debt securities	100
AN.23	Purchases less sales of goodwill and marketing assets		AF.4	Loans	52

			AF.5	Equity and investment fund shares/units	218
AF	Financial assets	859	AF.6	Insurance, pension and standardised guarantee schemes	25
AF.1	Monetary gold and SDRs	1	AF.7	Financial derivatives and employee stock options	10
AF.2	Currency and deposits	116	AF.8	Other accounts payable	45
AF.3	Debt securities	138			
AF.4	Loans	74			
AF.5	Equity and investment fund shares	360			
AF.6	Insurance, pension and standardised guarantee schemes	26			
AF.7	Financial derivatives and employee stock options				
AF.8	Other accounts receivable	144			
			B.90	Net worth	-475

### ***GOODS AND SERVICES ACCOUNT (0)***

- 8.78 The purpose of the goods and services account is to show, by product group and for the total economy, the supply of products and their uses. The account is not part of the sequence of accounts, but rather an underpinning identity between the supply and use of products in the economy. It represents at aggregate level the matching of supply and use of products in the rows of the supply and use tables.
- 8.79 It therefore shows, by product group and for the total economy, the resources (output and imports) and the uses of goods and services (intermediate consumption, final consumption, gross fixed capital formation, changes in inventories, acquisitions less disposals of valuables, exports).
- 8.80 Given the way in which output is valued at basic prices and uses at purchasers' prices, taxes (less subsidies) on products must be included in the resources section.
- 8.81 Uses are recorded on the right-hand side of the goods and services account and resources on the left, i.e. on the opposite side from that used in the current accounts for the institutional sectors, since the product flows are the counterparts of the monetary flows.
- 8.82 The goods and services account is by definition in balance and therefore has no balancing item.

Table 8.17 Account 0: Goods and services account

Resources			Uses		
P.1	Output	3 604	P.2	Intermediate consumption	1 883
P.11	Market output	3 077	P.3	Final consumption expenditure	1 399
P.12	Output for own final use	147	P.31	Individual consumption expenditure	1 230
P.13	Non-market output	380	P.32	Collective consumption expenditure	169
D.21	Taxes on products	141	P.5g	Gross capital formation	414
D.31	Subsidies on products	-8	P.511	Acquisitions less disposals of fixed assets	359
P.7	Imports of goods and services	499	P.5111	Acquisitions of new fixed assets	358
P.71	Imports of goods	392	P.5112	Acquisition of existing fixed assets	9
P.72	Imports of services	107	P.5113	Disposals of existing fixed assets	-8
			P.512	Costs of ownership transfer on non-produced assets	17
			P.52	Change in inventories	28
			P.53	Acquisitions less disposals of valuables	10
			P.6	Exports of goods and services	540
			P.61	Exports of goods	462
			P.62	Exports of services	78

## ***INTEGRATED ECONOMIC ACCOUNTS***

8.83 The integrated economic accounts give a concise overview of the accounts of an economy: current accounts, accumulation accounts and balance sheets.

They bring together in the same table the accounts of all the institutional sectors, the total economy and the rest of the world, and balance all the flows and all the assets and liabilities. They also enable the aggregates to be read off directly.

8.84 In the table of integrated economic accounts, uses, assets and changes in assets are recorded on the left-hand side, while resources, liabilities, changes in liabilities and net worth are recorded on the right-hand side.

8.85 To make the table readable while giving a picture of the whole economic process, the levels of aggregation used are the highest compatible with an understanding of the structure of the system.

8.86 The columns in the table represent the institutional sectors, namely: non-financial corporations, financial corporations, general government, non-profit institutions serving households, and households. There are also a column for the total economy, a column for the rest of the world, and a column which balances uses and resources of goods and services.

8.87 The rows in the table represent the various categories of transactions, assets and liabilities, balancing items and certain aggregates

Table 8.18 Integrated economic accounts

## Current accounts

Accounts	Uses									Transactions and other flows stocks and balancing items	
	Total	Goods and service (res)	Ro W	S.1 Total economy	S.15 NPI SHs	S.14 Households	S.13 Gen'l govt	S.12 Financial corporations	S.11 Non-financial corporations		
1. Production/ external account of goods and services	499	499								P.7	Imports of goods and services
	540		540							P.6	Exports of goods and services
	3 604	3 604								P.1	Output
	1 883			1 883	17	115	222	52	1 477	P.2	Intermediate consumption
	133	133								D.21-D.31	Taxes less subsidies on products
	1 854			1 854	15	155	126	94	1 331	B.1g/B.1*g	Value added, gross/Gross domestic product
	222			222	3	23	27	12	157	P.51c	Consumption of fixed capital
	1 632			1 632	12	132	99	82	1 174	B.1n/B.1*n	Value added, net/Net domestic product
	-41		-41							B.11	External balance of goods and services
II.1.1. Generation of income account	1150			1150	11	11	98	44	986	D.1	Compensation of employees
	191		0	191						D.2-D.3	Taxes less subsidies on production and imports
	133		0	133						D.21-D.31	Taxes less subsidies on products
	58		0	58	1	-1	1	4	53	D.29-D.39	Other taxes less subsidies on production
	452			452	3	84	27	46	292	B.2g	Operating surplus, gross
	61			61		61				B.3g	Mixed income, gross
	238			238	0	69	0	34	135	B.2n	Operating surplus, net
	53			53		53				B.3n	Mixed income, net
II.1.2 Allocation of primary income account	435		44	391	6	41	42	168	134	D.4	Property income
	1 864			1 864	4	1 381	198	27	254	B.5g/B.5*g	Balance of primary incomes, gross/National income, gross
	1 642			1 642	1	1 358	171	15	97	B.5n/B.5*n	Balance of primary incomes, net/National income, net

II.2 Secondary distribution of income account	213		1	212	0	178	0	10	24	D.5	Current taxes on income, wealth etc.
	333		0	333		333				D.61	Net social contributions
	384		0	384	5	0	112	205	62	D.62	Social benefits other than transfers in kind
	299		16	283	2	71	136	62	12	D.7	Other current transfers
	1 826			1 826	37	1 219	317	25	228	B.6g	Disposable income, gross
	1 604			1 604	34	1 196	290	13	71	B.6n	Disposable income, net
II.3 Redistribution of income in kind account	215			215	31		184			D.63	Social transfers in kind
	1 826			1 826	6	1 434	133	25	228	B.7g	Adjusted disposable income, gross
	1 604			1 604	3	1 411	106	13	71	B.7n	Adjusted disposable income, net
II.4 Use of income account										B.6g	Disposable income, gross
										B.6n	Disposable income, net
	1 399			1 399	1	1 230	168			P.4	Actual final consumption
	1 399			1 399	32	1 015	352			P.3	Final consumption expenditure
	11		0	11	0		0	11	0	D.8	Adjustment for the change in pension entitlements
	427			427	5	215	-35	14	228	B.8g	Saving, gross
	205			205	2	192	-62	2	71	B.8n	Saving, net
	-13		-13								B.12

Table 8.18 Integrated economic accounts

## Current accounts (continued)

Resources											
		S.11	S.12	S.13	S.14	S.15	S.1				
	Transactions and other flows stocks and balancing items	Non-financial corporations	Financial corporations	Gen'l govtt	Households	NPI SHs	Total economy	Ro W	Goods and service (uses)	Total	Accounts
P.7	Imports of goods and services							499		499	I. Production/ external account of goods and services
P.6	Exports of goods and services								540	540	
P.1	Output	2 808	146	348	270	32	3 604			3 604	
P.2	Intermediate consumption								1 883	1 883	
D.21-D.31	Taxes less subsidies on products						133			133	
B.1g/B.1*g	Value added, gross/Gross domestic product	1 331	94	126	155	15	1 854			1 854	II.1.1. Generation of income account
P.51c	Consumption of fixed capital	157	12	27	23	3	222			222	
B.1n/B.1*n	Value added, net/Net domestic product	1 174	82	99	132	12	1 632			1 632	II.1.2. Allocation of primary income account
B.11	External balance of goods and services							-41		-41	
D.1	Compensation of employees				1 154		1 154	2		1 156	
D.2-D.3	Taxes less subsidies on production and imports			191			191	0		191	
D.21-D.31	Taxes less subsidies on products			133			133	0		133	
D.29-D.39	Other taxes less subsidies on production			58			58	0		58	
B.2g	Operating surplus, gross	292	46	27	84	3	452			452	
B.3g	Mixed income, gross				61		61			61	
B.2n	Operating surplus, net	135	34	0	69	0	238			238	
B.3n	Mixed income, net				53		53			53	
D.4	Property income	96	149	22	123	7	397	38		435	
B.5g	Balance of primary incomes, gross/National income, gross	254	27	198	1 381	4	1 864			1 864	II.2. Secondary distribution of income account
B.5n/B.5*n	Balance of primary incomes, net/National income, net	97	15	171	1 358	1	1 642			1 642	
D.5	Current taxes on income, wealth etc.			213			213	0		213	





Table 8.18 Integrated economic accounts

Accumulation accounts

Changes in assets											
				S.1	S.15	S.14	S.13	S.12	S.11		
Accounts	Total	Goods and service (res)	Ro W	Total economy	NPI SHs	Households	Gen'l govt	Financial corporations	Non-financial corporations		Transactions and other flows stocks and balancing items
III.1.1 Change in net worth due to saving and capital transfer account										B.8n	Saving, net
										B.12	Current external balance
										D.9r	Capital transfers, receivable
										D.9p	Capital transfers, payable (-)
	192		-29	221	20	236	-81	-16	62	B.101	Changes in net worth due to saving and capital transfers
III.1.2 Acquisition of non-financial assets account	414			414	5	55	38	8	308	P.5g	Gross capital formation
	-222			-222	-3	-23	-27	-12	-157	P.51c	Consumption of fixed capital (-)
	28			28	0	2	0	0	26	P.52	Changes in inventories
	10			10	0	5	3	0	2	P.53	Acquisitions less disposals of valuables
	0		0	0	1	4	2	0	-7	NP	Acquisitions less disposals of non-produced assets

	0		-10	10	-4	174	-103	-1	-56	B.9	Net lending (+)/net borrowing(-)
III.2 Financial account	483		47	436	2	189	-10	172	83	F	Net acquisition of financial assets\
	0		1	-1			0	-1		F.1	Monetary gold and SDRs
	100		11	89	2	64	-26	10	39	F.2	Currency and deposits
	95		9	86	-1	10	4	66	7	F.3	Debt securities
	82		4	78	0	3	3	53	19	F.4	Loans
	119		12	107	0	66	3	28	10	F.5	Equity and investment fund shares
	48		0	48	0	39	1	7	1	F.6	Insurance, pension and standardised guarantee schemes
	14		0	14	0	3	0	8	3	F.7	Financial derivatives and employee stock options
	25		10	15	1	4	5	1	4	F.8	Other accounts receivable/payable
III.3.1 Other changes in volume of assets account	33			33	0	0	7	0	26	K.1	Economic appearance of assets
	-11			-11	0	0	-2		-9	K.2	Economic disappearance of non-produced assets
	-11			-11	0	0	-6	0	-5	K.3	Catastrophic losses
	0			0	0	0	5	0	-5	K.4	Uncompensated seizures
	2			2	0	2	0	1	1	K.5	Other changes in volume n.e.c.
	0			0	0	0	-4	-2	6	K.6	Changes in classification

	13		13	0	0	0	-1	14		Other volume changes, total
										Of which
	-7		-7	0	0	-3	-2	-2	AN.1	Produced non-financial assets
	17		17	0	0	3	0	14	AN.2	Non-produced non-financial assets
	3		3	0	0	0	1	2	AF	Financial assets/liabilities
									B.102	Changes in net worth due to other changes in volume of assets
III.3.2 Revaluation account									K.7	Nominal holding gains/losses
	280		280	8	80	44	4	144	AN	Non-financial assets
	126		126	5	35	21	2	63	AN.1	Produced non-financial assets
	154	0	154	3	45	23	2	81	AN.2	Non-produced non-financial assets
	91	7	84	2	16	1	57	8	AF	Financial assets/liabilities
									B.103	Changes in net worth due to nominal holding gains (+)/losses (-)

Table 8.18 Integrated economic accounts

## Accumulation accounts (continued)

Changes in liabilities and net worth											
		S.11	S.12	S.13	S.14	S.15	S.1				
	Transactions and other flows stocks and balancing items	Non- finan- cial corpo- rations	Finan- cial corpo- rations	Gen'l govt	House- holds	NPI SHs	Total eco- nomy	Ro W	Goods and service (uses)	Total	Accounts
B.8n	Saving, net	71	2	-62	192	2	205			205	II.1.1 Change in net worth due to saving and capital transfers account
B.12	Current external balance							-13		-13	
D.9r	Capital transfers, receivable	33	0	6	23	0	62	4		66	
D.9p	Capital transfers, payable (-)	-16	-7	-34	-5	-3	-65	-1		-66	
B.101	Changes in net worth due to saving and capital transfers	88	-5	-90	210	-1	202	-10		192	II.1.2 Acquisition of non-financial assets account
P.5g	Gross capital formation								414	414	
P.51c	Consumption of fixed capital (-)								-222		
P.52	Changes in inventories								28	28	
P.53	Acquisitions less disposals of valuables								10	10	
NP	Acquisitions less disposals of non- produced assets								0		

B.9	Net lending (+)/net borrowing(-)	-56	-1	-103	174	-4	10	-10		0	III.2 Financial account
F	Net incurrence of liabilities	139	173	93	15	6	426	57		483	
F.1	Monetary gold and SDRs										
F.2	Currency and deposits		65	37			102	-2		100	
F.3	Debt securities	6	30	38	0	0	74	21		95	
F.4	Loans	21	0	9	11	6	47	35		82	
F.5	Equity and investment fund shares	83	22				105	14		119	
F.6	Insurance , pension and standardised guarantee schemes		48	0			48	0		48	
F.7	Financial derivatives and employee stock options	3	8	0	0	0	11	3		14	
F.8	Other accounts receivable/payable	26		9	4		39	-14		25	
K.1	Economic appearance of assets										II.3.1 Other changes in volume of assets account
K.2	Economic disappearance of non-produced assets										
K.3	Catastrophic losses										
K.4	Uncompensated seizures										
K.5	Other changes in volume n.e.c.	0	0	0	1	0	1			1	

K.6	Changes in classification	0	0	2	0	0	2			2	
	Total other volume changes	0	0	2	1	0	3			3	
	Of which										
AN.1	Produced non-financial assets										
AN.2	Non-produced non-financial assets										
AF	Financial assets/liabilities	0	0	2	1	0	3			3	
B.102	Changes in net worth due to other changes in volume of assets	14	-1	-2	-1	0	10			10	
K.7	Nominal holding gains/losses										II.3.2
AN	Non-financial assets										Revaluation
AN.1	Produced non-financial assets										account
AN.2	Non-produced non-financial assets										
AF	Financial assets/liabilities	18	51	7	0	0	76	15		91	
B.103	Changes in net worth due to nominal holding gains (+)/losses (-)	134	10	38	96	10	288	4		292	

Table 8.18 Integrated economic accounts

### Balance sheets

#### Assets

				S.1	S.15	S.14	S.13	S.12	S.11		
Accounts	Total	Goods and service	Ro W	Total economy	NPI SHs	Households	Gen'l govt	Financial corpo-	Non-financial corpo-		Transactions and other flows stocks and balancing items

		(res.)						rations	rations		
IV.1 Opening balance sheet	4 621		4 621	159	1 429	789	93	2 151	AN	Non-financial assets	
	2 818		2 818	124	856	497	67	1 274	AN.1	Produced non-financial assets	
	1 803		1 803	35	573	292	26	877	AN.2	Non-produced non-financial assets	
	9 036	805	8 231	172	3 260	396	3 421	982	AF	Financial assets/liabilities	
										B.90	Net worth
IV.2 Changes in balance sheet											Total changes in assets
	480		480	11	115	57	-4	301	AN	Non-financial assets	
	294		294	7	67	29	-4	195	AN.1	Produced non-financial assets	
	186		186	4	48	28	0	106	AN.2	Non-produced non-financial assets	
	577	54	523	4	205	-9	230	93	AF	Financial assets/liabilities	
										B.10	Changes in net worth, total
										B.101	Saving and capital transfers
										B.102	Other changes in volume of assets
									B.103	Nominal holding gains (+)/losses(-)	
IV.3 Closing balance sheet	5 101		5 101	170	1 544	846	89	2 452	AN	Non-financial assets	
	3 112		3 112	131	923	526	63	1 469	AN.1	Produced non-financial assets	
	1 989		1 989	39	621	320	26	983	AN.2	Non-produced non-financial assets	
	9 613	859	8 754	176	3 465	387	3 651	1 075	AF	Financial assets/liabilities	
										B.90	Net worth



## Liabilities and net worth

		S.11	S.12	S.13	S.14	S.15	S.1				
	Transactions and other flows stocks and balancing items	Non- finan- cial corpor- ations	Finan- cial corpor- ations	Gen'l govt	House- holds	NPI SHs	Total eco- nomy	RoW	Goods and service (uses)	Total	Accounts
AN	Non-financial assets										IV.1 Opening balance sheet
AN.1	Produced non-financial assets										
AN.2	Non-produced non-financial assets										
AF	Financial assets/liabilities	3 221	3 544	687	189	121	7 762	1 274		9 036	
B.90	Net worth	-88	-30	498	4 500	210	5 090	-469		4 621	
	Total changes in assets										IV.2 Changes in balance sheet
AN	Non-financial assets										
AN.1	Produced non-financial assets										
AN.2	Non-produced non-financial assets										
AF	Financial assets/liabilities	157	224	102	16	6	505	72		577	
B.10	Changes in net worth, total	237	4	-54	304	9	500	-6		494	
B.101	Saving and capital transfers	88	-5	-90	210	-1	202	-10		192	
B.102	Other changes in volume of assets	14	-1	-2	-1	0	10			10	
B.103	Nominal holding gains (+)/losses(-)	134	10	38	96	10	288	4		292	
AN	Non-financial assets										IV.3 Closing balance sheet
AN.1	Produced non-financial assets										

AN.2	Non-produced non-financial assets										
AF	Financial assets/liabilities	3 378	3 768	789	205	127	8 267	1 346		9 613	
B.90	Net worth	149	-26	444	4 804	219	5 590	-475		5 115	

## **AGGREGATES**

8.88 The aggregates are summary indicators of the result of the activity of the total economy and key magnitudes for purposes of macro-economic analysis and comparisons over time and space.

### *GROSS DOMESTIC PRODUCT AT MARKET PRICES (GDP)*

8.89 Gross domestic product at market prices is the final result of the production activity of resident producer units. It can be defined in three ways:

- (a) production approach: GDP is the sum of gross value added of the various institutional sectors or the various industries plus taxes and less subsidies on products (which are not allocated to sectors and industries). It is also the balancing item in the total economy production account.
- (b) expenditure approach: GDP is the sum of final uses of goods and services by resident institutional units (final consumption and gross capital formation), plus exports and minus imports of goods and services.
- (c) income approach: GDP is the sum of uses in the total economy generation of income account (compensation of employees, taxes on production and imports less subsidies, gross operating surplus and mixed income of the total economy).

8.90 By deducting consumption of fixed capital from GDP, we obtain net domestic product at market prices (NDP).

### *OPERATING SURPLUS OF THE TOTAL ECONOMY*

8.91 The gross (or net) operating surplus of the total economy is the sum of the gross (or net) operating surpluses of the various industries or the various institutional sectors.

### *MIXED INCOME OF THE TOTAL ECONOMY*

8.92 The gross (or net) mixed income of the total economy is identical with the gross (or net) mixed income of the household sector.

### *ENTREPRENEURIAL INCOME OF THE TOTAL ECONOMY*

8.93 The gross (or net) entrepreneurial income of the total economy is the sum of the gross (or net) entrepreneurial incomes of the various sectors.

### *NATIONAL INCOME (AT MARKET PRICES)*

8.94 Gross (or net) national income (at market prices) represents total primary income receivable by resident institutional units: compensation of employees, taxes on production and imports less subsidies, property income (receivable less payable), (gross or net) operating surplus and (gross or net) mixed income.

Gross national income (at market prices) equals GDP minus primary income payable by resident units to non-resident units plus primary income receivable by resident units from the rest of the world.

National income is not a production concept but an income concept, which is more significant if expressed in net terms, i. e. after deduction of the consumption of fixed capital.

#### *NATIONAL DISPOSABLE INCOME*

8.95 Gross (or net) national disposable income is the sum of the gross (or net) disposable incomes of the institutional sectors. Gross (or net) national disposable income equals gross (or net) national income (at market prices) minus current transfers (current taxes on income, wealth etc., social contributions, social benefits and other current transfers) payable to non- resident units, plus current transfers receivable by resident units from the rest of the world.

#### *SAVING*

8.96 This aggregate measures the portion of national disposable income that is not used for final consumption expenditure. Gross (or net) national saving is the sum of the gross (or net) savings of the various institutional sectors.

### *CURRENT EXTERNAL BALANCE*

- 8.97 The balancing item in the external account of primary income and current transfers represents the surplus (if it is negative) or the deficit (if it is positive) of the total economy on its current transactions (trade in goods and services, primary incomes, current transfers) with the rest of the world

### *NET LENDING (+) OR BORROWING (-) OF THE TOTAL ECONOMY*

- 8.98 The net lending (+) or borrowing (-) of the total economy is the sum of the net lending or borrowing of the institutional sectors. It represents the net resources that the total economy makes available to the rest of the world (if it is positive) or receives from the rest of the world (if it is negative). The net lending (+) or borrowing (-) of the total economy is equal but of opposite sign to the net borrowing (-) or lending (+) of the rest of the world.

### *NET WORTH OF THE TOTAL ECONOMY*

- 8.99 The net worth of the total economy is the sum of the net worth of the institutional sectors. It represents the value of the non-financial assets of the total economy minus the balance of financial assets and liabilities of the rest of the world.

### *GENERAL GOVERNMENT EXPENDITURE AND REVENUE*

General government expenditure and revenue are defined by reference to a list of ESA categories.

- 8.100 Government expenditure comprises the following ESA categories, recorded under the use side of general government accounts, with the exception of D.3 which is recorded under the resource side of general government accounts:

P.2 Intermediate consumption

P.5 Gross capital formation

D.1 Compensation of employees

D.29 Other taxes on production, payable

D.3 Subsidies, payable

D.4 Property income, payable

D.5 Current taxes on income, wealth, etc.

D.62 Social benefits other than social transfers in kind

D.632 Social transfers in kind - purchased market production

D.7 Other current transfers

D.8 Adjustment for the change in pension entitlements

D.9p Capital transfers, payable

NP Acquisitions less disposals of non-produced assets

Government revenue comprises the following ESA categories, recorded under the resource side of general government accounts, with the exception of D.39 which is recorded under the use side of general government accounts:

P.11 Market output

P.12 Output for own final use

P.13 Payments for non-market output

D.2 Taxes on production and imports, receivable

D.39 Other subsidies on production, receivable

D.4 Property income, receivable

D.5 Current taxes on income, wealth, etc.

D.61 Net social contributions

D.7 Other current transfers

D.9r Capital transfers, receivable

By definition, the difference between general government revenue and general government expenditure is net lending (+)/net borrowing (-) of the general government sector.

The transactions D.41 (interest), D.73 (current transfers within general government), D.92 (investment grants) and D.99 (other capital transfers) are consolidated. The other transactions are not consolidated.