

## Table of Contents

List of Tables .....	10
<i>Chapter One Background to National Accounting in Hungary</i> .....	13
Historical background .....	13
Before 1950 .....	13
The early 1950s .....	13
The late 1950s, early 1960s .....	14
The favourable environment for the development of national accounts in the second half of the 1960s .....	15
The New Economic Management System .....	15
Participation in the revision of the SNA in 1964-68 .....	15
Support of the top management of the HCSO .....	16
Main characteristics of the Hungarian accounting system introduced in 1970 .....	16
A dual integrated and extended system .....	16
Macro and micro-statistics are linked in the system .....	16
Harmonisation with input/output tables .....	17
To what extent was the SNA introduced in Hungary in 1970 .....	17
How did the Hungarian System of National Accounts (HNA) differ from the 1968 SNA? .....	17
Classifications .....	18
Production and use of goods and services .....	19
Income distribution .....	20
Financing of capital formation .....	21
Institutional differences .....	21
Development and problems in national accounting between 1970 and the second half of the 1980s .....	21
International comparisons .....	22
Reflection of open inflation .....	22
Reflection of hidden inflation .....	22
Reflection of organisational changes in the measurement of production .....	22
Weaknesses and inconsistencies in the measurement of income and financial flows .....	22
Since the late 1980s .....	23
<i>Chapter Two Statistical Sources, Units and Classifications</i> .....	25
Statistical sources and units .....	25
Data sources and groups of statistical units .....	25
Enterprises .....	25

Households . . . . .	27
Government and non-profit institutions . . . . .	27
Registration . . . . .	28
Number of units . . . . .	28
Classifications . . . . .	29
Industrial classification . . . . .	29
Comparison between HIC 90 and ISIC Rev.3 . . . . .	29
Classification by form of control and ownership . . . . .	31
Sectors in HNA . . . . .	31
Prior to 1989 . . . . .	31
Socialist sector . . . . .	32
Private sector . . . . .	32
Since 1989 . . . . .	32
Sector 1: Enterprises . . . . .	32
Sector 2: Small partnerships, sole proprietors and non-registered household production	33
Sector 3: Government units and non-profit institutions . . . . .	33
Sector 4: Private non-profit institutions serving households . . . . .	33
<i>Chapter Three GDP by Production</i> . . . . .	39
Introduction: Production account - Source and use table . . . . .	39
Gross output . . . . .	41
Enterprises, including non-registered activity of households . . . . .	41
Group 1.A: Large enterprises . . . . .	42
Group 1.B: Small to medium sized enterprises . . . . .	42
Group 2: Partnerships and sole proprietors paying tax on profit . . . . .	42
Group 3: Sole proprietors paying personal income tax . . . . .	43
Group 4: Non-registered activity of households . . . . .	43
Estimation methods for specific activities . . . . .	43
Agriculture . . . . .	43
Forestry . . . . .	44
Construction . . . . .	44
Trade . . . . .	44
Banking and insurance . . . . .	45
Owner-occupied dwellings . . . . .	45
Public Housing services . . . . .	45
General government and other non-profit institutions . . . . .	46
Intermediate consumption . . . . .	47
Enterprises, including non-registered activity of households . . . . .	47
Group 1.A: Large Enterprises . . . . .	47
Group 1.B: Small to medium sized enterprises . . . . .	49
Group 2: Partnerships and sole proprietors paying tax on profits . . . . .	49
Group 3: Sole proprietors paying personal income tax . . . . .	49
Group 4: Non-registered activity of households . . . . .	50
Government units and non-profit institutions . . . . .	50
GDP/value added . . . . .	50
Net taxes on products . . . . .	50
VAT . . . . .	51
Valuation differences . . . . .	52
Summary of SNA deviations affecting GDP . . . . .	52
Kind of activity accounts . . . . .	53

<b>MPS indicators</b>	<b>54</b>
<b>Chapter Four GDP by Final Uses</b>	<b>61</b>
Final consumption	61
Individual consumption	61
Purchased goods and services	62
Consumption of own-account production	62
Goods and services provided as wages in kind	63
Goods and services provided as social transfers in kind	63
Classification of household goods and services	64
Collective consumption	65
Gross capital formation	66
Gross fixed capital formation	66
Changes in inventories	68
Exports and imports of goods and services	69
Export and import of goods prior to 1991	69
Export and import of goods from 1991 onwards	69
Foreign trade in services	71
Summary of deviations from SNA	71
Final consumption	71
Gross capital formation	72
Exports and imports of goods and services	73
<b>Chapter Five Price and Volume Measures</b>	<b>75</b>
GDP by production	76
Gross output, intermediate consumption, value added	76
Market goods and services	76
Non-market goods and services	76
Net taxes on products	77
Valuation difference	77
GDP by final uses	78
Individual consumption	78
Household consumption expenditure	78
Social transfers in kind	78
Collective consumption	78
Gross fixed capital formation	78
Changes in inventories	78
Exports and imports of goods and services	79
<b>Chapter Six Generation, Distribution and Use of Income of Production Sectors</b>	<b>81</b>
Introduction	81
Classification of income flows	83
Total income of the national economy	83
Primary distribution of income	83
Redistribution of primary income	84
Use of income	84
Accounting method	85
Data sources and definitions	85

<b>Data sources</b>	85
<b>Definition of income flows</b>	87
Labour income	87
Social security contributions	88
Taxes on production	89
Taxes on products	89
Other taxes on production	89
Subsidies	89
Subsidies on products	89
Other subsidies on production	91
Operating surplus	91
Taxes paid out of operating surplus	92
Current subsidies received after income taxation	92
Profit assigned to employees	93
Income from direct investment	93
Interest	93
Insurance	94
Social benefits in cash	94
Other current transfers	94
Gross disposable income	95
<b>Use of income</b>	95
Final consumption expenditure	95
Saving	96
Investment grants and net lending/borrowing	96
Gross capital formation	96
<b>Differences <i>vis-a-vis</i> the SNA</b>	96
 <b>Chapter Seven Household Account</b>	97
<b>Introduction</b>	97
<b>Transactions on the household account</b>	98
Labour income	98
Labour income in cash	99
Wages and salaries	99
Wage-like income	99
Entrepreneurial income	100
Labour income in kind	100
Profit assigned to employees	101
Social benefits in cash	101
Pensions	101
Sickness benefits	101
Family allowance	101
Child care allowance	101
Other social assistance grants	102
Scholarships	102
Current transfers received and paid	102
Interest and dividends	102
Insurance	103
Rent on land	103
Other current transfers	103
Income taxes and other compulsory payments to government	104

Personal income tax . . . . .	104
Contributions to pension funds . . . . .	104
Other duties and taxes . . . . .	104
Imputed contributions by employees accounted as wages and salaries . . . . .	104
Disposable income . . . . .	104
Consumption of fixed capital of owner-occupied dwellings . . . . .	105
Exchange of currencies . . . . .	105
Household consumption expenditures . . . . .	105
Saving . . . . .	106
Social transfers in kind . . . . .	106
Adjusted disposable income and individual consumption . . . . .	106
Capital transfers . . . . .	106
Gross capital formation . . . . .	107
Borrowing, minus repayments of loans, and gross lending . . . . .	107
<i>Chapter Eight SNA presentation of the HNA data</i> . . . . .	111
Sectors and accounts . . . . .	111
Accounts and flows . . . . .	112
Production account/external account of goods and services . . . . .	112
Generation of income account . . . . .	113
Distribution of income account . . . . .	113
Use of disposable income, redistribution of income in kind and use of adjusted disposable income . . . . .	115
Capital account . . . . .	115
<i>Chapter Nine Revision of HNA methodology and estimates - 1992 to 1994</i> . . . . .	123
Changes in data sources . . . . .	123
Non-financial enterprises . . . . .	123
Financial enterprise sector . . . . .	124
Government sector . . . . .	124
Non-profit institutions . . . . .	125
Household sector . . . . .	125
Methodological changes . . . . .	125
Quarterly national accounts . . . . .	126
Further developments after 1994 . . . . .	126
Notes . . . . .	127
Annex One: Tables . . . . .	129
Annex Two: The Standardised System of Classification of Economic Activities and the Classification Codes (HIC 90) . . . . .	189
Annex Three: Classification by Ownership and Control . . . . .	195
Annex Four: Comparison of Industrial Classification: ISIC Rev. 2 and HIC 90 . . . . .	199

## LIST OF TABLES

*Text*

2.1	Statistical units in national accounts from 1989 to 1991 .....	34
2.2	Number of units by sector and their contributions to GDP .....	35
2.3	Gross Domestic Product by ownership and control 1989-90 .....	36
2.4	Number of enterprises by industries June 1991 .....	37
2.5	Number of enterprises by size June 1991 .....	38
3.1	Sources and uses table 1990 .....	39
3.2	Gross output by institutional units and by activities 1986 and 1990 .....	55
3.3	Gross Domestic Product by institutional units and by activities 1986 and 1990 .....	57
3.4	Calculation of net material product 1988 .....	59
4.1	Example of the GFCF accounting scheme for two industries .....	67
6.1	Distribution of primary income 1990 .....	84
6.2	Accounting method for non-financial enterprises using 1990 data .....	86
6.3	Example of correspondence between financial reports and national accounts .....	87
6.4	Schematic presentation of housing transactions .....	91
7.1	In kind items appearing in the generation and use of income, 1990 .....	98
7.2	Income account of households, 1990 .....	108
8.1	SNA presentation of HNA 1990 .....	116

*Annex I*

1.1.1	Gross domestic product by industries at current prices 1980-1991 .....	130
1.1.2	Gross domestic product by industries at constant prices 1980-1991 .....	131
1.2.1	Gross output by industries at current prices 1980-1991 .....	132
1.2.2	Gross output by industries at constant prices 1980-1991 .....	133
1.3.1	Sources and uses of gross output and gross domestic product 1988 .....	134
1.3.2	Sources and uses of gross output and gross domestic product 1989 .....	135
1.3.3	Sources and uses of gross output and gross domestic product 1990 .....	136
1.3.4	Sources and uses of gross output and gross domestic product 1991 .....	137
1.4.1	Production by industries 1988 .....	138
1.4.2	Production by industries 1989 .....	139
1.4.3	Production by industries 1990 .....	140
1.4.4	Production by industries 1991 .....	141
1.5.1	Gross output and gross domestic product by control and ownership 1989 .....	142
1.5.2	Gross output and gross domestic product by control and ownership 1990 .....	143
1.5.3	Gross output and gross domestic product by control and ownership 1991 .....	144
1.6.1	Gross domestic product by industries and activities 1988 .....	145
1.6.2	Gross domestic product by industries and activities 1989 .....	146
1.6.3	Gross domestic product by industries and activities 1990 .....	147

1.6.4	Gross domestic product by industries and activities 1991 . . . . .	148
1.7	Price indices of gross output in enterprises 1986-1991 (at basic prices) . . . . .	149
2.1.1	Use of gross domestic product at current prices 1980-1991 . . . . .	150
2.1.2	Use of gross domestic product at constant prices 1980-1991 . . . . .	151
2.2.1	Individual consumption by main groups of expenditure at current prices 1980-1991 . . . . .	152
2.2.2	Individual consumption by main groups of expenditure at constant prices 1980-1991 . . . . .	153
2.3.1	Individual consumption by purpose of expenditure at current prices 1980-1991 . . . . .	154
2.3.2	Individual consumption by purpose of expenditure at constant prices 1980-1991 . . . . .	155
2.4	Consumer price index by main groups of expenditure 1980-1991 . . . . .	156
2.5.1	Gross fixed capital formation by industries at current prices 1988-1991 . . . . .	157
2.5.2	Gross fixed capital formation by industries at 1988 prices 1988-1991 . . . . .	159
2.5.3	Gross fixed capital formation by control and ownership at current prices 1988-1991 . . . . .	161
2.6.1	Exports and imports of goods and services at current prices 1980-1991 . . . . .	163
2.6.2	Exports and imports of goods and services at constant prices 1980-1991 . . . . .	164
3.1.1	Income distribution by sectors of production 1989 . . . . .	165
3.1.2	Income distribution by sectors of production 1990 . . . . .	166
3.1.3	Income distribution by sectors of production 1991 . . . . .	167
3.2.1	Income account of enterprises by control and ownership 1990 . . . . .	168
3.2.2	Income account of enterprises by control and ownership 1991 . . . . .	169
3.3	Summary figures on taxes and subsidies on products 1985-1991 . . . . .	170
3.4.1	Taxes and subsidies on products 1988 . . . . .	171
3.4.2	Taxes and subsidies on products 1989 . . . . .	173
3.4.3	Taxes and subsidies on products 1990 . . . . .	175
3.4.4	Taxes and subsidies on products 1991 . . . . .	177
4.1	Receipts and outlays of households 1985-1991 . . . . .	179
4.2	Income account of households 1985-1991 . . . . .	181
4.3	Structure of household disposable income at current prices 1980-1991 . . . . .	182
4.4	Details of some social benefits in cash 1980-1991 . . . . .	183
4.5	Individual consumption by sources of income 1980-1991 . . . . .	184
5.1	Population and labour force 1980-1991 . . . . .	185
5.2	Number of employed persons by industries 1980-1991 . . . . .	186
5.3	Structure of economically active population 1980-1991 . . . . .	187

Conventional signs used in the tables:

- .. Not available
  - Nil or negligible
- Small numbers may round to zero.