



United Nations  
Economic Commission  
for Europe



Statistical Office of the  
European Communities



Food and Agriculture  
Organization  
of the United Nations



Organisation for Economic  
Co-operation and Development



The World Bank

The Wye Group Handbook

# Rural Households' Livelihood and Well-Being

Statistics on Rural Development and  
Agriculture Household Income



UNITED NATIONS



United Nations  
Economic Commission  
for Europe



Statistical Office of the  
European Communities



Food and Agriculture  
Organization  
of the United Nations



Organisation for Economic  
Co-operation and Development



The World Bank

The Wye Group Handbook

# Rural Households' Livelihood and Well-Being

Statistics on Rural Development and  
Agriculture Household Income



**UNITED NATIONS**  
New York and Geneva, 2007

NOTE

The designations employed in this publication, which are in conformity with the practice of the publishing organizations, and the presentation of material therein do not imply the expression of any opinion whatsoever on the part of the publishing organizations concerning the legal status of any country, area or territory or of its authorities, or concerning the delimitation of its frontiers or boundaries.

Copyright © 2007

United Nations Economic Commission for Europe (UNECE)

and

Food and Agriculture Organization of the United Nations (FAO)  
Organisation for Economic Co-operation and Development (OECD)  
The World Bank  
Statistical Office of the European Communities (Eurostat)

First published 2007

Publications of the United Nations Economic Commission for Europe, Food and Agriculture Organization of the United Nations, Organisation for Economic Co-operation and Development, The World Bank and the Statistical Office of the European Communities (the publishing organisations) enjoy copyright Protocol 2 of the Universal Copyright Convention. Nevertheless, short excerpts from them may be reproduced without authorization, on condition that the source is indicated.

UNITED NATIONS PUBLICATION
Sales No. E.07.II.E.14
ISBN 978-92-1-116967-6

## CONTENTS

PREFACE .....	xi
ACKNOWLEDGEMENTS .....	xv
EXECUTIVE SUMMARY .....	1
<b>I INTRODUCTION AND BACKGROUND .....</b>	<b>5</b>
I.1 Background to the Handbook .....	5
I.1.1 Why is the Handbook being produced?.....	5
I.1.2 Who is the Handbook intended for?.....	8
I.1.3 The role of statistics .....	8
I.2 What is rural development and why is it a policy area?.....	10
I.3 Rural development – policy objectives .....	13
I.4 Why a particular focus on agriculture household income and wealth?.....	14
I.5 Agriculture households, their incomes and policy objectives .....	16

## PART I RURAL DEVELOPMENT STATISTICS

<b>II NATIONAL AND INTERNATIONAL RURAL DEVELOPMENT POLICIES .....</b>	<b>21</b>
II.1 A few examples of national rural development policies .....	21
II.2 Rural development - a sectoral based (agriculture) approach .....	23
II.2.1 The agriculture perspective .....	23
II.2.2 Trends in agriculture in the last 50 years – employment and productivity .....	24
II.2.3 The current situation for agriculture.....	25
II.2.4 Other characteristics of agriculture .....	26
II.2.5 Perspectives on agricultural policy reform and the rural economy .....	26
II.2.6 The farm policy dilemma .....	27
II.3 Rural development - a territorial based approach.....	28
II.3.1 Employment – the driving force of rural development .....	28
II.3.2 Trends for rural regions.....	28
II.3.3 Entrepreneurship and job creation in rural areas .....	29
II.3.4 Are manufacturing and services now the pillars of rural development? .....	30
II.3.5 Merging industry sectors.....	30
II.3.6 Industrial structures and characteristics of rural and urban economies.....	31
II.3.7 Sectoral mix and territorial dynamics.....	31
II.3.8 Education and employment in rural regions.....	31
II.3.9 The role of tourism.....	32
II.3.10 The importance of communications .....	33
II.3.11 The role of information technology for rural development.....	34
II.3.12 Rural services standards .....	35
II.3.13 Objectives for rural policies .....	35
II.3.14 New issues in rural policymaking .....	35
II.4 Conclusions .....	36

III	CONCEPTUAL FRAMEWORK.....	43
III.1	Definitions of rural .....	43
III.1.1	Introduction .....	43
III.1.2	OECD .....	43
III.1.3	European Union.....	47
III.1.4	FAO.....	48
III.2	Typologies .....	49
III.2.1	OECD .....	49
III.2.2	European Union.....	54
III.3	Requirements of indicators and their assessment .....	55
III.3.1	Introduction .....	55
III.3.2	OECD .....	56
III.3.3	European Union.....	57
III.3.4	FAO.....	58
III.4	Themes and set of indicators .....	58
III.4.1	OECD .....	58
III.4.2	European Union.....	59
III.4.3	The World Bank .....	60
III.4.4	FAO.....	62
III.5	Indicators – use and misuse .....	63
IV	IV INVENTORY OF NATIONAL APPROACHES TO RURAL DEVELOPMENT STATISTICS .....	69
IV.1	Introduction .....	69
IV.2	Inventory of national rural development statistics .....	70
IV.3	The definition of rural .....	71
IV.4	Current availability of rural development and related statistics .....	72
IV.5	Rural development policy .....	73
IV.6	Next steps .....	76
IV.7	Case study: Canada .....	76
IV.7.1	Introduction .....	76
IV.7.2	Definitions and typologies.....	76
IV.7.3	Results .....	78
IV.7.3.1	Population issues.....	78
IV.7.3.2	Employment and labour force issues .....	80
IV.7.3.3	Income and expenditures .....	84
IV.7.3.4	Social issues .....	86
IV.7.3.5	Business structures and economic growth issues.....	88
IV.7.3.6	Educational issues .....	90
IV.7.3.7	Territorial issues.....	90
IV.7.4	Concluding remarks .....	90
V	INVENTORY OF RURAL INDICATORS BY INTERNATIONAL ORGANIZATIONS.....	101
V.1	Introduction .....	101
V.2	OECD .....	101
V.2.1	Introduction .....	101
V.2.2	Population and migration .....	102
V.2.3	Economic structure and performance.....	103
V.2.4	Social well-being and equity .....	105
V.2.5	Environment and sustainability .....	106

V.3	European Union.....	108
V.3.1	Indicators suggested in the PAIS report.....	108
V.3.2	Indicators suggested in the Hay report.....	112
V.3.3	Common indicators for monitoring rural development programming – midterm review.....	113
V.4	The World Bank.....	113
V.5	FAO.....	114
VI	DATA SOURCES.....	117
VI.1	Introduction.....	117
VI.2	Population and housing censuses.....	118
VI.3	Agricultural censuses and surveys.....	127
VI.4	Household budget surveys.....	129
VI.4.1	Living Standards Measurement Study surveys – an introduction.....	131
VI.4.2	International Household Survey Network.....	132
VI.4.3	Master sampling frames and master samples.....	133
VI.4.4	Suggested integrated programme of household surveys.....	134
VI.5	Labour force surveys.....	136
VI.6	Other survey sources.....	137
VI.7	Administrative registers.....	137
VI.7.1	Vital statistics records.....	138
VI.8	Non-official statistics, e.g. from trade associations.....	138
VI.9	GIS and geo-coded statistics.....	138
VI.10	Conclusions and recommendations.....	139
VII	APPROACHES IN SELECTING A CORE SET OF INDICATORS.....	143
VII.1	Introduction.....	143
VII.2	Two approaches in selecting indicators.....	143
VII.3	Rural indicators classified by themes.....	145
VII.4	Measures of rurality.....	146
VII.4.1	Defining the characteristics of an indicator that deals with rurality.....	146
VII.4.2	Statistical requirements of a rural indicator.....	147
VII.4.3	Three dimensions of any indicator.....	147
VII.4.4	A graduated sequence of rural indicators.....	148
VII.5	Suggested sets of rural indicators.....	149

## **PART II**

### **AGRICULTURE HOUSEHOLD INCOME AND WEALTH**

VIII	CONCEPTUAL FRAMEWORK – INTRODUCTION.....	157
VIII.1	Matching indicators to policy needs in countries at different levels of economic development.....	157
VIII.1.1	Types of income and wealth statistics needed.....	160
VIII.2	Households as economic, social and cultural units and as agents for environmental change and conservation – controllers of resources and users of services.....	161
VIII.3	Concepts of income and wealth and related indicators.....	162
VIII.4	Households and other forms of institutional units within accounting and statistical systems.....	164

	VIII.4.1	Accounting frameworks .....	164
	VIII.4.2	Accounts for activities and for institutional units .....	166
	VIII.4.3	Activity accounts – agriculture as an activity .....	171
	VIII.4.4	Accounts for institutional units – accounts for farm household-firms .....	174
VIII.5		Where we are in the provision of income indicators taken from institution-based accounts for household-firms .....	175
IX		THE AGRICULTURAL HOUSEHOLD – CONCEPTS AND DEFINITIONS .....	181
	IX.1	Definition of the household appropriate to accounting and statistics .....	181
	IX.2	Households of different sizes and compositions .....	185
	IX.3	The rural and urban household enterprise .....	186
	IX.4	Definition of the agricultural household-firm (enterprise) and those belonging to other socio-professional groups.....	188
	IX.4.1	Selecting from the “broad” definition of an agricultural household .....	190
	IX.4.2	Some practicalities of classification .....	190
	IX.4.3	Choice of other socio-professional groups with which to compare agricultural households.....	193
	IX.5	Households containing hired labour working in agriculture .....	194
	IX.6	Relevance for countries with large-scale agricultural enterprises with separate legal status .....	195
	IX.7	Households in less developed countries .....	196
	IX.8	Typologies of farm households .....	197
	IX.8.1	European Union: Eurostat’s IAHS statistics typology .....	197
	IX.8.2	Economic Research Service farm typology for the United States.....	201
	IX.8.3	Italy: the ISMEA survey.....	203
X		DEFINITIONS OF INCOME .....	207
	X.1	Income as factor rewards and as source of consumption spending .....	207
	X.2	Relationship between household resources, income and expenditure .....	207
	X.2.1	Income from self-employment .....	209
	X.2.2	Income in kind.....	211
	X.2.3	Living costs .....	213
	X.3	Individual and household incomes .....	213
	X.4	Shadow wage and the non-observed economy.....	216
	X.5	Various income concepts and relationships between them .....	217
	X.5.1	Extended and full incomes .....	218
	X.5.2	The importance of time to income measurement .....	218
	X.5.3	Lifetime income and permanent income hypothesis .....	220
	X.6	Subsidies, preferential tax treatments and income measures .....	221
	X.7	Definitions in use.....	222
XI		INCOME LEVELS, DISTRIBUTION AND POVERTY .....	235
	XI.1	The assessment of poverty .....	235
	XI.1.1	Social exclusion.....	235
	XI.2	Ways of measuring the incidence of poverty among households.....	236
	XI.2.1	Low-income rate (Cumulative proportions below percentiles of the median) .....	238
	XI.2.2	The low-income gap.....	238

	XI.2.3	Relative income level by percentile .....	239
	XI.2.4	Cumulative decile shares – Lorenz curve.....	239
	XI.2.5	Gini coefficient.....	240
	XI.2.6	Sen index .....	240
	XI.2.7	Warning in the interpretation of coefficients.....	241
XI.3		Poverty lines and inequality measures in practice in agriculture .....	242
XII		MEASUREMENT AND COMPOSITION OF FARM HOUSEHOLD WEALTH .....	247
	XII.1	Introduction .....	247
		XII.1.1 Wealth of farm households in the United States. ....	249
	XII.2	Selected uses of farm and household wealth measures .....	249
	XII.3	Differences in wealth measurement for farms and farm operator households.....	251
	XII.4	Connection between farms and households in wealth measurement.....	251
	XII.5	Data to support estimates of household net worth.....	252
	XII.6	Extending analyses of household economic status and well-being .....	256
	XII.7	Measurement and composition of household wealth in developing countries .....	259
		XII.7.1 Household enterprises module .....	259
		XII.7.2 Agriculture module.....	260
		XII.7.3 Savings module .....	261
		XII.7.4 Credit modules .....	262
	XII.8	Conclusions .....	264
XIII		INVENTORY OF METHODOLOGIES USED: AGRICULTURE INCOME AND WEALTH STATISTICS.....	271
	XIII.1	Data sources for agricultural income statistics – generic sources .....	271
		XIII.1.1 Types of data sources .....	272
	XIII.2	Survey of definitions and measurement issues in selected countries .....	276
		XIII.2.1 Predominately developed countries (UNECE and OECD countries) .....	276
		XIII.2.1.1 Background .....	276
		XIII.2.1.2 Definition of household.....	277
		XIII.2.1.3 Definition of agricultural household .....	279
		XIII.2.1.4 Definition of rural household .....	282
		XIII.2.1.5 Treatment of special institutions .....	282
		XIII.2.1.6 Classification into socio-economic groups when using the “narrow” definition of an agricultural household .....	282

预览已结束，完整报告链接和二维码如下：

[https://www.yunbaogao.cn/report/index/report?reportId=5\\_22531](https://www.yunbaogao.cn/report/index/report?reportId=5_22531)

