# Philippine Health Care Factbook

Volume 1



Institute of Health Policy and Development Studies National Institutes of Health

## Philippine Health Care Factbook

Volume 1

Edited by

F. Marilyn E. Lorenzo, DrPH

#### Copyright © 2002 UP Manila

First Printing 2002

All rights reserved. This book, or any parts thereof, may not be transmitted or reproduced in any manner without permission in writing from the authors and the publisher.

ISBN 971-91877-3-5

Cover concept and design by: Aileen D. Baccay

Lay-out by: Aileen D. Baccay Arlene G. Esplana Cynthia M. Villamor Virfilio S. Rullepa

Published By
University of the Philippines Manila
The Health Sciences Center

In cooperation with
Information, Publication and Public Affairs Office
University of the Philippines Manila
The Health Sciences Center
8th Floor Philippine General Hospital
Taft Avenue, Manila
526-4250

This project was supported by the **National Institutes of Health**University of the Philippines Manila

NIH 021-98

Printed in the Philippines by Regan Printers

### Editorial and Technical Staff

#### **Editor**

#### F. Marilyn E. Lorenzo, Dr PH

Director, Institute of Health Policy and Development Studies National Institutes of Health, University of the Philippines Manila

#### sargers and Contributors

#### Ruben N. Caragay, MD, PhD

Dean, College of Public Health University of the Philippines Manila

#### Marilyn G. Agetano-Benito, MSFN

Department of Nutrition College of Public Health University of the Philippines Manila

#### Ninfa C. Kam, MD, MPH

Department of Health Policy and Administration College of Public Health University of the Philippines Manila

#### Susan Y. Mabunga, DDM, MSC (Dentistry)

Department of Health Policy and Administration
College of Public Health
University of the Philippines Manila

#### Ma. Lourdes G. Rebullida, DPA

Center for Integrative and Development Studies University of the Philippines Diliman

#### Eufemia M. Tobias, DDM, MSC (TropMed)

Department of Health Policy and Administration College of Public Health University of the Philippines Manila

#### Josefina A. Tuazon, DrPH

College of Nursing
University of the Philippines Manila

#### Project Staff

Michelle T. Cruz, BSPH
Hilton Y. Lam, MHA
Elmira B. Bacatan, RMT, MAHPS (Candidate)
Imelda P. Belacse, RM
Redd Charles B. Gauna, RN
Malaya P. Maulion, RN
Isah Mar J. Montallana, RN
Genoveva B. Nethercott, BSND
Institute of Health Policy and Development Studies
National Institutes of Health, University of the Philippines Manila

## Table of Contents

	List of Tables	PAGE ×
	List of Figures	XV
	Forward	xxvi
	Preface	xxvi
	Acknowledgements	xxix
	Introduction	xxxi
1	OVERVIEW: HEALTH OF THE FILIPINOS	
	The Profile of the Philippines	1
	Filipinos Over the Years	2
	Government	3
	The Philippine Economy	4
	Determinants of Health and Health Policy Making in the Philippines	4
	Health Status of the Filipinos	5
	Figures	6
2	HEALTH STATUS INDICATORS	
	A. Overall Health Status Indicators	
	1. Live Births and Crude Birth Rate	11
	2. Perinatal Deaths	11
	2.a Stillbirths	11
	2.b Early Neonatal Deaths	11
	3. Infant Mortality Rate (Philippines and Selected Countries)	11
	4. Leading Causes of Infant Mortality	12
	5. Maternal Mortality Rate	12
	5.a Maternal Mortality Rate by Region and Province	12
	5.b Maternal Mortality Rate of the Philippines as	
	Compared to Selected Countries	13
	6. Leading Causes of Maternal Mortality	14
	7. Crude Death Rate	14
	7.a Number of Deaths and Crude Death Rate	14
	7.b Cause of Death Rate	14
	8. Ten Leading Causes of Mortality	14
	9. Morbidity Rate	15

	10.	Ten Leading Causes of Morbidity	15
	11.	Prevalence of Selected Leading Causes of Morbidity	15
		11.a Pneumonia: Prevalence of Morbidity by Region	15
		11.b Diarrhea	16
		11.c Tuberculosis	16
		11.d Schistosomiasis	16
		11.e Malaria	16
		11.f Sexually Transmitted Diseases	16
		11.g Human Immunodeficiency Virus / Acquired Immune	
		Deficiency Syndrome (HIV / AIDS)	17
	12.	Prevalence of Malnutrition	18
	13.	Food Supplementation	18
	14.	Mean One Day per Capita Nutrient Intake	19
	15.	Prevalence of Anemia	19
В.	Heal	th Status of Selected Subpopulations	
	1.	Children	19
		1.a Infant Birth Weights Less than 2,500 g	19
		1.b Infants Breastfed up to Fourth Month	20
		1.c Immunization	20
		Fully Immunized Children	20
		Measles Coverage	20
		Tetanus Toxoid Coverage	20
		Vitamin A Coverage	21
		Oral Polio Vaccine (OPV) Coverage	21
	2.	Mothers	21
		2.a Pregnant Women Seen on the 3rd Prenatal Visit	21
		2.b Current Users of Family Planning Methods	22
	3.	Workers	22
		3.a Number of Establishments with Work-Related Injuries	22
		3.b Number of Reported Work-Related Injuries by	
		Employee Size	22
		3.c Number of Reported Work-Related Injuries by	
		Extent of Disability	22
		3.d Number of Reported Work-Related Injuries by	

Nature of Injury	22
4. Substance Abusers	22
Center-Based Drug Abuse	23
References	23
Tables and Figures	24
3 DEMOGRAPHIC PROFILE AND HEALTH IMPLICATIONS	
A. Population Size and Growth Rate	183
1. Population Size	183
2. Population Growth Rate	183
B. Population Density	184
C. Population Composition	184
Population Pyramid	184
2. Sex Ratio	184
2.a Sex Ratio	185
2.b Sex Ratio by Region	185
2.c Sex Ratio by Province	185
3. Age Dependency Ratio	186
3.a Age Dependency Ratio	187
3.b Age Dependency Ratio by Region	187
3.c Age Dependency Ratio by Province	187
4. Marital Status	188
4.a Marital Status	188
4.b Registered Marriages by Age Group	188
4.c Number of Registered Marriages by Region and Province	189
D. Population Dynamics and Health Implications	189
1. Fertility Rate	189
Fertility Rate by Region	189
2. Life Expectancy	189
2.a Life Expectancy at Birth by Region and Province	190
2.b Life Expectancy at Birth by Sex	190
References	191
Tables and Figures	192

4	SOCIOECONOMIC INDICATORS AND HEALTH IMPLICATIONS	
	Economics and Health	269
	A. Children	270
	1. Child Labor	270
	2. Streetchildren	270
	3. Child Abuse	270
	B. Labor	270
	1. Distribution of Workforce According to Sector	270
	2. Overseas Filipino Health Workers by Skill Category and Sex	270
	3. Labor Force Participation Rate	270
	4. Wage Rates	271
	5. Minimum Wage Compliance	271
	6. Occupational Safety	271
	C. Family Income and Expenditures	271
	1. Sources of Income	271
	2. Distribution of Population / Family by Income Bracket	271
	3. Average Family Income	272
	4. Percent of Family Expenditure on Health	272
	5. Average Family Expenditure	273
	6. Average Family Savings Rate	273
	7. Gini Coefficient Concentration Ratio	273
	D. Gross National Product	273
	E. Gross Domestic Product	274
	F. Trends in GNP, GDP, Foreign Debt and Foreign Exchange	275
	G. Consumer Price Index and Inflation Rate	275
	H. Poverty Threshold	276
	1. Education	276
	1. Literacy Rate	277
	2. Functional Literacy Rate	277
	3. Adult Literacy Rate	277
	4. Enrolment	277
	5. Number of Schools	278
	J. Human Development Index	279
	Reterences	280

	Tables and Figures	281
5	HEALTH REFORM AND LEGISLATION AT THE NATIONAL LEVEL	
	A. Health Care Reform	383
	B. Current Health Legislation of National Importance	384
	Republic Acts and Executive Orders	385
	1.a Public Health Reform	385
	1.b Local Health Systems Reform	386
	1.c Health Care Financing and Management Reform	386
	1.d Health Regulation Reform	387
	1.e Health Human Resource Development	388
	1.f Environmental Health	389
	1.g Others	389
	2. House Bills and Senate Bills	391
	2.a Public Health Reform	391
	2.b Health Facilities Reform	393
	2.c Local Health Systems Reform	395
	2.d Health Care Financing and Management Reform	397
	2.e Health Regulation Reform	398
	2.f Health Human Resource Development	400
	2.g Environmental Health	402
	2.h Substance Abuse	403
	2.i Others	405
	References	408
	Appendices	409
	Republic Act No. 7875	409
	Republic Act No. 8749	432
	References	455
	Data Sources	459
	Glossary	460
	Index	465

## List of Tables

ns and Crude Birth Rates by Region and Province	
998	24
f Stillbirths by Region, Philippines, 1993-1998	30
Early Neonatal Deaths by Region	
993-1995	34
eaths and Infant Mortality Rate (per 1,000	
and Province, Philippines, 1990-1998	38
of Infant Mortality, Number and Rate	
), Philippines, 1990-1997	45
Deaths and Maternal Mortality Rate	
ths) by Region and Province, Philippines, 1990-1998	48
Rate of the Philippines (per 100,000 live births) as	
ed Countries, 1995-1998	57
of Maternal Mortality, Number and Rate	
ths), Philippines, 1990-1995	58
and Crude Death Rates	
ation), Philippines, 1990-1998	60
and Crude Death Rates (per 100,000 population)	
nce, Philippines, 1990-1998	61
e (per 100,000 population) of Selected Diseases	
997	67
of Mortality, Number and Rate	
ation), Philippines, 1990-1997	68
of Morbidity, Number and Rate	
ation), Philippines, 1990-1998	70
per 100,000 population) of Pneumonia Cases Seen	
999	72
per 100,000 population) of Pneumonia Cases Seen	
ince, Philippines, 1996-1999	73
per 100,000 population) of Diarrheal Cases Treated	
dration Solution Philippines, 1991-1999	78
per 100,000 population) of Diarrheal Cases Treated	
dration Solution by Region and Province, Philippines, 1991-1999	79
	f Stillbirths by Region, Philippines, 1993-1998 f Early Neonatal Deaths by Region 993-1995 eaths and Infant Mortality Rate (per 1,000 and Province, Philippines, 1990-1998 of Infant Mortality, Number and Rate ), Philippines, 1990-1997 I Deaths and Maternal Mortality Rate eths) by Region and Province, Philippines, 1990-1998 cate of the Philippines (per 100,000 live births) as ed Countries, 1995-1998 of Maternal Mortality, Number and Rate eths), Philippines, 1990-1995 and Crude Death Rates ation), Philippines, 1990-1998 ether 100,000 population) of Selected Diseases 1997 of Mortality, Number and Rate ation), Philippines, 1990-1997 of Morbidity, Number and Rate ation), Philippines, 1990-1998 oer 100,000 population) of Pneumonia Cases Seen 1999 oer 100,000 population) of Pneumonia Cases Seen 1999 oer 100,000 population) of Diarrheal Cases Treated dration Solution Philippines, 1991-1999 oper 100,000 population) of Diarrheal Cases Treated dration Solution by Region and Province, Philippines, 1991-1999

Table 2.18	Number and Rate (per 100,000 population) of Tuberculosis Cases	
	Philippines, 1996-1999	84
Table 2.19	Number and Rate (per 100,000 population) of Tuberculosis Cases	
	by Region and Province, Philippines, 1996-1999	85
Table 2.20	Number and Rate (per 100,000 population) of those who Started Treatment	
	for Tuberculosis, Philippines, 1991-1995	91
Table 2.21	Number and Rate (per 100,000 population) of those who Started-Treatment	
	for Tuberculosis by Region and Province, Philippines, 1991-1995	92
Table 2.22	Number and Percentage of Positive and Treated Schistosomiasis Cases	
	by Region and Province, Philippines, 1991, 1993, 1996-1999	98
Table 2.23	Number and Rate (per 100,000 population) of Positive / Confirmed Malaria	
	Cases, Philippines, 1991-1999	102
Table 2.24	Number and Rate (per 100,000 population) of Positive / Confirmed Malaria	
	Cases by Region and Province, Philippines, 1991-1999	103
Table 2.25	Number and Percent of the Population Treated for Sexually Transmitted	
	Diseases, Philippines, 1991-1995	109
Table 2.26	Number and Percent of the Population Treated for Sexually Transmitted	
	Diseases by Region and Province, Philippines, 1991-1995	110
Table 2.27	Number and Rate (per 100,000 population) of Sexually Transmitted Diseases	
	According to Symptoms by Region and Province, Philippines, 1996-1999	115
Table 2.28	Number and Percent of HIV Ab Seropositive by Gender and Age Group	
	Philippines 1994-1996 & 1998-2000	123
Table 2.29	Number of Asymptomatic and Symptomatic AIDS Cases and Deaths	
	Resulting from AIDS, Philippines, 1990-2000	123
Table 2.30	Number of Reported Modes of HIV/AIDS Transmission, Philippines, 1998-2000	124
Table 2.31	Reported HIV/AIDS Cases in the Western Pacific Region by Year	
	of Diagnosis, 1990-1995	124
Table 2.32	Trends in the Prevalence of Malnutrition among 0-5 and 6-10 Years Old	
	Children, Philippines, 1989-1990, 1992-1993, 1996, 1998	126
Table 2.33	Food Supplementation Program among Moderately and Severely	
	Underweight Children (6-59 months old) by Region and Province	
	Philippines, 1996-1999	129
Table 2.34	Mean One Day Per Capita Nutrient Intake, Philippines, 1982, 1987 and 1993	141

Table 2.35	RDA Nutrient Intake, Philippines, 1982, 1987 and 1993	141
Table 2.36	Mean One Day Per Capita Nutrient Gap, Philippines, 1982, 1987 and 1993	141
Table 2.37	Percent Prevalence of Anemia in Children 6 months to 5 years old	
	Philippines, 1987, 1998	143
Table 2.38	Number and Percent of Reported Infant Birth Weights Less than 2,500g	
	by Region and Province, Philippines, 1993-1998	145
Table 2.39	Number and Percent of Infants Breastfed up to 4th Month by Region	
	Philippines, 1996-1999	150
Table 2.40	Number and Rate of Fully Immunized Children (9-11 months) by Region	
	Philippines, 1990-1999	153
Table 2.41	National Immunization Day Accomplishment Report, Philippines, 1993-1998	156
Table 2.42	National Immunization Dav OPV Coverage Results by Region	
	Philippines, 1993-1997	158
Table 2.43	Percent of Pregnant Women Seen on 3 <sup>rd</sup> Prenatal Visit by Region	
	Philippines, 1993-1998	162
Table 2.44	Number and Percent of Current Users of Family Planning Methods	
	by Region, Philippines, 1993-1999	170
Table 2.45	Number of Work-Related Injuries by Employment Size, Extent of Disability	
	and Nature of Injury, Philippines, 1991-1996	173
Table 2.46	Reported Cases of Drug Abuse, Philippines, 1994-1998	177
Table 2.47	Most Commonly Used Drugs According to Type, Philippines, 1990-1999	178
Table 3.1	Philippine Population, 1990-2000	192
Table 3.2	Population Growth Rates Based on the Actual Census Data	
	by Region and Province, Philippines, 1975-1995	196
Table 3.3	Population Density (per sq. km.) by Region, Philippines, 1990-2000	203
Table 3.4	Population Density (per sq. km.) by Province, Philippines, 1990-2000	206
Table 3.5	Philippine Population by Age and Sex per Region, 1990-2000	210
Table 3.6	Sex Ratio by Region, Philippines, 1990-2000	233
Table 3.7	Sex Ratio by Province, Philippines, 1990-2000	235
Table 3.8	Age Dependency Ratio by Region, Philippines, 1990-2000	239
Table 3.9	Age Dependency Ratio by Province, Philippines, 1990-2000	243
Table 3.10	Marital Status, Philippines, 1990-1995	247
Table 3.11	Number of Registered Marriages by Age Group, Philippines, 1994-1996	247

xii

Table 3.12	Number of Registered Marriages by Region, Philippines, 1990-1996	252
Table 3.13	Number of Registered Marriages by Region and Province, Philippines, 1992-1996	254
Table 3.14	Fertility Rate by Region, Philippines, 1990-1998	260
Table 3.15	Life Expectancy at Birth by Sex, by Region and Province	
	Philippines, 1994 and 1997	264
Table 4.1	National Employment Profile of Children (10-14 years old)	
	Philippines, 1990, 1992, 1994, 1996, 1998, 1999	281
Table 4.2	Urban-Rural Distribution of Employment of Children (10-14 years old)	
	Philippines, 1990, 1992, 1994, 1998, 1999	282
Table 4.3	Number of Reported Cases of Child Abuse, Philippines, 1994-1999	283
Table 4.4	Streetchildren Population, Philippines, 1991-1995	286
Table 4.5	Distribution of Workforce According to Sector, Philippines, 1991-1998	287
Table 4.6	Number of Deployed Newly Hired Overseas Filipino Health Workers	
	by Skill Category and Sex, Philippines, 1992-1998	296
Table 4.7	Labor Force Participation Rate by Region, Philippines, 1990-2000	298
Table 4.8	Legislated Minimum Wage (at 1994 Prices, Averaged and Annualized)	
	by Region, Philippines, 1990-1999	302
Table 4.9	Legislated Minimum Wage (at Current Prices, Averaged and Annualized)	
	Philippines, 1990-1999	305
Table 4.10	Average Monthly Wage Rates by Sector, Philippines, 1997	308
Table 4.11	Median Monthly Basic Pay and Allowance by Sector, Philippines, 1997	316
Table 4.12	Minimum Wage Compliance by Region, Philippines, 1997-2000	319
Table 4.13	Occupational Safety and Health Safety Standard Compliance by Region	
	Philippines, 1997-2000	322
Table 4.14	Percent Distribution of Families According to Income Sources	
	Philippines, 1988, 1991, 1994, 1997	325
Table 4.15	Family Income Distribution, Average Income, Average Expenditures	
	(at 1994 Prices) by Region, Philippines, 1991, 1994, 1997	326
Table 4.16	Percent Distribution of Family Expenditure on Health and other Selected	
	Expenditures by Region and Province, Philippines, 1991, 1994, 1997	329
Table 4.17	Average Family Expenditures by Region, Philippines, 1991, 1994, 1997	334
Table 4.18	Average Income, Average Expenditures and Average Savings	
	by Income Bracket, Philippines, 1991, 1994, 1997	337

Table 4.19	Gini Ratio by Region, Philippines, 1988, 1991, 1994, 1997	339
Table 4.20	Gross Domestic Product (at 1994 Prices) by Region, Philippines, 1990-2000	341
Table 4.21	Gross Domestic Product (at Current Prices) by Region, Philippines, 1990-2000	344
Table 4.22	Gross Domestic Product per Capita (at 1994 Prices) by Region, Philippines	345
Table 4.23	Trends in Philippine GNP, GDP, Foreign Debt and Foreign Exchange, 1990-2000	348
Table 4.24	Consumer Price Index by Region, Philippines, 1990-2000	350
Table 4.25	Inflation Rates by Region, Philippines, 1990-2000	351
Table 4.26	Comparison of GNP, GDP and CPI, Philippines, 1990-1998	354
Table 4.27	Poverty Incidence by Region, Philippines, 1991, 1994, 1997	356
Table 4.28	Literacy Rate, Philippines, 1990-1998	359
Table 4.29	Functional Literacy Rate, Philippines, 1990-1999	361
Table 4.30	Adult Literacy Rate, Philippines, 1990 & 1995	363
Table 4.31	Distribution of Enrolment by Level of Education, Philippines, 1990-1998	364
Table 4.32	Number of Government and Private Schools by Level of Education	
	Philippines, 1990-1998	371
Table 4.33	Human Development Index for Selected Countries, 1990, 1997	379
Table 4.34	Breakdown of Human Development Index for Selected Countries, 1997	381

## List of Figures

Figure 1.1	Map of the Republic of the Philippines	6
Figure 1.2	Map of Luzon	7
Figure 1.3	Map of Visayas	8
Figure 1.4	Map of Mindanao	9
Figure 2.1	Highest Crude Birth Rates by Region, Philippines, 1990-1998	28
Figure 2.2	Lowest Crude Birth Rates by Region, Philippines, 1990-1998	29
Figure 2.3	Rate of Stillbirths (per 1,000 live births), Philippines, 1993-1998	31
Figure 2.4	Highest Rate of Stillbirths (per 1,000 live births) by Region, Philippines	
	1993-1998	32
Figure 2.5	Lowest Rate of Stillbirths (per 1,000 live births) by Region	
	Philippines, 1993-1998	33
Figure 2.6	Rate of Early Neonatal Deaths, Philippines, 1991, 1993-1998	35
Figure 2.7	Highest Rate of Early Neonatal Deaths by Region, Philippines, 1991, 1993-1995	36
Figure 2.8	Lowest Rate of Early Neonatal Deaths by Region, Philippines, 1991, 1993-1995	37
Figure 2.9	Infant Mortality Rates (per 1,000 live births), Philippines, 1990-1998	42
Figure 2.10	Highest Infant Mortality Rate (per 1,000 live births)	
	by Region, Philippines, 1990-1998	43
Figure 2.11	Lowest Infant Mortality Rate (per 1,000 live births)	
	by Region, Philippines, 1990-1998	44
Figure 2.12	Ten Leading Causes of Infant Mortality (Rate per 1,000 population)	
	Philippines, 1990-1997	47
Figure 2.13	Maternal Mortality Rate (per 100,000 live births)	
	Philippines, 1990-1998	52
Figure 2.14	Highest Maternal Mortality Rate (per 100,000 live births) by Region	
	Philippines, 1990-1998	53

Figure 2.15	Lowest Maternal Mortality Rate (per 100,000 live births)	
	by Region, Philippines, 1990-1998	54
Figure 2.16	Highest Maternal Mortality Rate (per 100,000 live births)	
	by Province, Philippines, 1990-1998	55
Figure 2.17	Lowest Maternal Mortality Rate (per 100,000 live births)	
	by Province, Philippines, 1990-1998	56
Figure 2.18	Maternal Mortality Rate (per 100,000 live births) of the Philippines	
	as Compared to Selected Countries, 1995-1998	57
Figure 2.19	Five Leading Causes of Maternal Mortality (Rate per 100,000 live births)	
	Philippines, 1990-1995	59
Figure 2.20	Crude Death Rate (per 100,000 population), Philippines, 1990-1998	60
Figure 2.21	Crude Death Rate (per 100,000 population) by Region	
	Philippines, 1990-1998	64
Figure 2.22	Highest Crude Death Rates (per 100,000 population) by Region	
	Philippines, 1990-1998	65
Figure 2.23	Lowest Crude Death Rates (per 100, 000 population)	
	by Region, Philippines, 1990-1998	66
Figure 2.24	Cause of Death Rate of Selected Diseases (per 100,000 population)	
	Philippines, 1990-1997	67
Figure 2.25	Ten Leading Causes of Mortality (Rate per 100,000 population)	
	Philippines, 1990- 1997	69
Figure 2.26	Ten Leading Causes of Morbidity (Rate per 100,000 population)	
	Philippines, 1990-1998	71
Figure 2.27	Pneumonia Cases Seen (Rate per 100,000 population)	
	Philippines, 1996-1999	72

Figure 2.28	Highest Rate (per 100,000 population) of Pneumonia Cases Seen	
	by Region, Philippines, 1996-1999	76
Figure 2.29	Lowest Rate (per 100,000 population) of Pneumonia Cases Seen	
	by Region, Philippines, 1996-1999	77
Figure 2.30	Diarrheal Cases Treated or Given Oral Rehydration Solution	
	(Rate per 100,000 population), Philippines, 1991-1999	78
Figure 2.31	Highest Diarrheal Cases Treated or Given Oral Rehydration Solution	
	(Rate per 100,000 population) by Region, Philippines, 1991-1999	82
Figure 2.32	Lowest Diarrheal Cases Treated or Given Oral Rehydration Solution	
	(Rate per 100,000 population) by Region, Philippines, 1991-1999	83
Figure 2.33	Rate (per 100,000 population) of Tuberculosis Cases, Philippines, 1996-1999	84
Figure 2.34	Highest Rate (per 100,000 population) of Tuberculosis Cases	
	by Region, Philippines, 1996-1999	89
Figure 2.35	Lowest Rate (per 100,000 population) of Tuberculosis Cases	
	by Region, Philippines, 1996-1999	90
Figure 2.36	Rate (per 100,000 population) of those who Started Treatment	
	for Tuberculosis, Philippines, 1991-1995	91
Figure 2.37	Highest Rate (per 100,000 population) of those who Started Treatment	
	for Tuberculosis by Region, Philippines, 1991-1995	96
Figure 2.38	Lowest Rate (per 100,000 population) of those who Started Treatment	
	for Tuberculosis by Region, Philippines, 1991-1995	97
Figure 2.39	Rate (per 100,000 population) of Positive or Confirmed Malaria Cases	
	Philippines, 1991-1999	102
Figure 2.40	Highest Positive or Confirmed Malaria Cases	
	(Rate per 100,000 population) by Region, Philippines, 1991-1999	107

Figure 2.41	Lowest Positive or Confirmed Malaria Cases (Rate per 100,000 population)	
	by Region, Philippines, 1991-1999	108
Figure 2.42	Percent of the Population Treated for Sexually Transmitted Diseases	
	Philippines, 1991-1995	109
Figure 2.43	Percent of the Population Treated for Sexually Transmitted Diseases	
	by Region Philippines, 1991-1995	114
Figure 2.44	Reported HIV / AIDS Cases in the Western Pacific Region by Year	
	of Diagnosis, 1990-1995	125
Figure 2.45	Prevalence of Malnutrition among 0-5 Year Old Children, Philippines	
	1989-1990, 1992-1993, 1996 and 1998	127
Figure 2.46	Prevalence of Malnutrition among 6-10 Year Old Children, Philippines	
	1989-1990, 1992-1993, 1996 and 1998	128
Figure 2.47	Percent Coverage of Food Supplementation among Moderately	
	and Severely Underweight Children (6-59 months old)	
	Top Ten Provinces, 1996-1999	136
Figure 2.48	Percent Coverage of Food Supplementation among Moderately	
	and Severely Underweight Children (6-59 months old), Bottom Ten Provinces	
	Philippines, 1996-1999	137
Figure 2.49	Percent Coverage of Rehabilitated Recipients in Food Supplementation	
	Program among Moderately and Severely Underweight Children	
	(6-59 months old), Top Ten Provinces, 1996-1999	138
Figure 2.50	Percent Coverage of Rehabilitated Recipients in Food Supplementation	
	Program among Moderately and Severely Underweight Children	
	(6-59 months old), Bottom Ten Provinces, 1996-1999	139
Figure 2 51	Percent Coverage of Rehabilitated Recipients in the Food Supplementation	

	Program among Moderately and Severely Underweight Children	
	(6-59 months old) by Region, Philippines, 1996-1999	140
Figure 2.52	Mean One Day Per Capita Nutrient Gap, Philippines, 1982, 1987 and 1993	142
Figure 2.53	Percent Prevalence of Anemia in Children 6 Months to 5 Years Old	
	Philippines, 1987 and 1998	144
Figure 2.54	Percentage of Reported Infant Birth Weights of Less than 2,500g	
	Philippines, 1993-1998	149
Figure 2.55	Percentage of Infants Breastfed up to 4 <sup>th</sup> Month, Top Eight Regions	
	Philippines, 1996-1999	151
Figure 2.56	Percentage of Infants Breastfed up to 4 <sup>th</sup> Month, Bottom Eight Regions	
	Philippines, 1996-1999	152
Figure 2.57	Rate of Fully Immunized Children (9-11 months old)	
	Philippines, 1990-1998	154
Figure 2.58	Highest Rate of Fully Immunized Children (9-11 months old)	
	by Region, Philippines, 1990-1993, 1995-1998	155
Figure 2.59	National Immunization Day Tetanus Toxoid Coverage Results, Percentage	
	of Immunized Children aged 0-59 months, Philippines, 1993-1995	157
Figure 2.60	National Immunization Day OPV Coverage Results, Percentage	
	of Immunized Children aged 0-59 months, Philippines, 1993-1997	161
Figure 2.61	Percentage of Pregnant Women Seen on 3 <sup>rd</sup> Prenatal Visit, Top Eight	
	Regions, Philippines, 1993-1998	166
Figure 2.62	Percentage of Pregnant Women Seen on 3 <sup>rd</sup> Prenatal Visit, Bottom Eight	
	Regions, Philippines, 1993-1998	167
Figure 2.63	Percentage of Pregnant Women Seen on 3 <sup>rd</sup> Prenatal Visit, Top Ten	
	Provinces, Philippines, 1993-1998	168

Figure 2.64	Percentage of Pregnant Women Seen on 3" Prenatal Visit, Bottom Ten	
	Provinces, Philippines, 1993-1998	169
Figure 2.65	Number of New Acceptors of Family Planning Methods by Type	
	Philippines, 1991, 1993-1998	172
Figure 2.66	Work-Related Injuries According to Establishments, Philippines, 1991-1996	174
Figure 2.67	Work-Related Injuries According to Employee Size, Philippines, 1991-1996	175
Figure 2.68	Work-Related Injuries According to Nature of Injury, Philippines, 1991-1996	176
Figure 2.69	Number of Most Commonly Abused Drugs, Center-Based	
	Philippines, 1990-1999	181
Figure 2.70	Percentage of Most Commonly Abused Drugs, Center-Based	
	Philippines, 1990-1999	182
Figure 3.1	Mean of Population Growth Rates for Luzon, Visayas, Mindanao	
	Philippines, 1975-1995	199
Figure 3.2	Population Growth Rates by Region, Philippines, 1975-1995	200
Figure 3.3	Population Growth Rates of Top Ten Provinces, Philippines, 1975-1995	201
Figure 3.4	Population Growth Rates of Bottom Ten Provinces, Philippines, 1975-1995	202
Figure 3.5	Population Density, National Capital Region, Philippines, 1990-2000	204
Figure 3.6	Population Density by Region, Philippines, 1990-2000	205
Figure 3.7	Population Density of Top Ten Provinces, Philippines, 1990-2000	208
Figure 3.8	Population Density of Bottom Ten Provinces, Philippines, 1990-2000	209
Figure 3.9	Population Pyramid, Philippines, 1990-2000	232
Figure 3.10	Sex Ratio by Region, Philippines, 1990-2000	234
Figure 3.11	Sex Ratio of Top Ten Provinces, Philippines, 1990-2000	237
Figure 3.12	Sex Ratio of Bottom Ten Provinces, Philippines, 1990-2000	238
Figure 3.13	Age-Dependency Ratio by Region, Philippines, 1990-2000	240

Figure 3.14	Age Dependency Ratio of Top Eight Regions, Philippines, 1990-2000	241
Figure 3.15	Age Dependency Ratio of Bottom Eight Regions, Philippines, 1990-2000	242
Figure 3.16	Age Dependency Ratio of Top Ten Provinces, Philippines, 1990-2000	245
Figure 3.17	Age Dependency Ratio of Bottom Ten Provinces, Philippines, 1990-2000	246
Figure 3.18	Percent <sup>l</sup> Distribution of Single, Married and Common Law Individuals	
	Philippines, 1990-1995	248
Figure 3.19	Number of Registered Marriages by Age Group, Philippines, 1994-1996	249
Figure 3.20	Percent Distribution of Registered Marriages by Age Group	
	Philippines, 1994-1996	250
Figure 3.21	Percentage of Married Individuals by Age Group, Philippines, 1994-1996	251
Figure 3.22	Number of Registered Marriages, Philippines, 1990-1996	253
Figure 3.23	Top Eight Regions with the Highest Number of Registered Marriages	
	Philippines, 1990-1996	258
Figure 3.24	Top Eight Regions with the Lowest Number of Registered Marriages	
	Philippines, 1990-1996	259
Figure 3.25	Fertility Rate, Philippines, 1990-1998	261
Figure 3.26	Highest Fertility Rates by Region, Philippines, 1990-1998	262
Figure 3.27	Lowest Fertility Rates by Region, Philippines, 1990-1998	263
Figure 3.28	Life Expectancy at Birth by Sex and Region, Philippines, 1994	267
Figure 3.29	Life Expectancy at Birth by Sex and Region, Philippines, 1997	268
Figure 4.1	National Employment Profile of Children, Philippines, 1990-1999	281
Figure 4.2	Urban-Rural Distribution of Employment of Children	
	(10-14 years old) Philippines, 1990-1999	282
Figure 4.3	Number of Reported Child Abuse Cases Served by the DSWD	
	Philippines, 1994-1999	284

Figure 4.4	Number of Reported Child Abuse Cases Served by the DSWD According	
	to Type, Philippines, 1994-1999	285
Figure 4.5	Streetchildren Population, Philippines, 1991-1995	286
Figure 4.6	Employment by Sex, Philippines, 1991-1998	288
Figure 4.7	Percent Distribution of Employment by Sex, Philippines, 1991-1998	289
Figure 4.8	Urban-Rural Distribution of Employment, Philippines, 1991-1998	290
Figure 4.9	Urban-Rural Percent Distribution of Employment, Philippines, 1991-1998	291
Figure 4.10	Employment by Type of Work, Philippines, 1991-1998	292
Figure 4.11	Percent Distribution of Employment by Type of Work	
	Philippines, 1991-1998	293
Figure 4.12	Employment Distribution by Occupation, Philippines, 1991-1998	294
Figure 4.13	Percent Distribution of Employment by Occupation, Philippines, 1991-1998	295
Figure 4.14	Deployed Newly Hired Medical or Health Overseas Filipino Worker	
	by Sex, Philippines, 1992-1998	297
Figure 4.15	Labor Force Participation Rate, Philippines, 1990-2000	299
Figure 4.16	Labor Force Participation Rate, Top Eight Regions, Philippines, 1990-1996	300
Figure 4.17	Labor Force Participation Rate, Bottom Eight Regions Philippines, 1990-1996	301
Figure 4.18	Legislated Minimum Wages (at 1994 Prices, Averaged and Annualized)	
	Top Eight Regions, Philippines, 1990-1999	303
Figure 4.19	Legislated Minimum Wages (at 1994 Prices, Averaged and Annualized)	
	Bottom Eight Regions, Philippines, 1990-1999	304
Figure 4.20	Legislated Minimum Wages at Current Prices, Top Eight Regions	
	Philippines, 1990-1999	306
Figure 4.21	Legislated Minimum Wages at Current Prices, Bottom Eight Regions	
	Philippines, 1990-1999	307

Figure 4.22	Median Basic Pay and Allowance by Sector, Philippines, 1997	318
Figure 4.23	Minimum Wage Compliance, Top Eight Law Abiding Regions	
	Philippines, 1997-2000	320
Figure 4.24	Minimum Wage Compliance, Bottom Eight Non-Law Abiding Regions	
	Philippines, 1997-2000	321
Figure 4.25	Occupational Safety and Health Safety Standard Compliance, Top Eight	
	Law Abiding Regions, Philippines, 1997-2000	323
Figure 4.26	Occupational Safety and Health Safety Standard Compliance, Bottom	
	Eight Non-Law Abiding Regions, Philippines, 1997-2000	324
Figure 4.27	Percent Distribution of Families According to Sources of Income	
	Philippines, 1988, 1991, 1994, 1997	325
Figure 4.28	Average Expenditure, Top Eight Regions, Philippines, 1991, 1994, 1997	335
Figure 4.29	Average Expenditure, Bottom Eight Regions, Philippines, 1991, 1994, 1997	336
Figure 4.30	National Average Savings Rate According to Income Bracket	
	Philippines, 1997	338
Figure 4.31	Gini Ratios, Eight Most Unequally Distributed Income Region	
	Philippines, 1988, 1991, 1994, 1997	340
Figure 4.32	Gini Ratios, Eight Most Equally Distributed Income Region, Philippines	
	1988, 1991, 1994, 1997	340
Figure 4.33	Gross Domestic Product (at 1994 prices), Top Eight Regions	
	Philippines, 1990-2000	342
Figure 4.34	Gross Domestic Product (at 1994 prices), Bottom Eight Regions	
	Philippines, 1990-2000	343
Figure 4.35	Gross Domestic Product Per Capita (at 1994 prices), Top Eight Regions	
	Philippines, 1990-2000	346

Figure 4.36	Gross Domestic Product Per Capita (at 1994 prices), Bottom Eight Regions	
	Philippines, 1990-2000	347
Figure 4.37	Trends in the Philippine GNP, GDP, Foreign Debt and Foreign Exchange	
	1990-2000	349
Figure 4.38	Inflation Rates, Top Eight Regions, Philippines, 1990-2000	352
Figure 4.39	Inflation Rates, Bottom Eight Regions, Philippines, 1990-2000	353
Figure 4.40	Poverty Incidence (Percent of Philippine Families), Eight Richest Regions	
	Philippines, 1991, 1994, 1997	357
Figure 4.41	Poverty Incidence (Percentage of Philippine Families), Eight Poorest	
	Regions, Philippines, 1991, 1994, 1997	358
Figure 4.42	Literacy Rate, Philippines, 1990-1998	360
Figure 4.43	Functional Literacy Rate, Philippines, 1993-1999	362
Figure 4.44	Adult Literacy Rate, Philippines, 1990 and 1995	363
Figure 4.45	Number of Enrolled Pre-School Students, Philippines, 1990-1998	365
Figure 4.46	Number of Enrolled Elementary Students, Philippines, 1990-1998	366
Figure 4.47	Number of Enrolled Secondary Students, Philippines, 1990-1998	367
Figure 4.48	Number of Enrolled Tertiary Students, Philippines, 1990-1998	368
Figure 4.49	Total Number of Enrolled Students, Philippines, 1990-1997	369
Figure 4.50	Percent Distribution of Enrolment by Level of Education	
	Philippines, 1990-1998	370
Figure 4.51	Number of Government and Private Pre-Schools, Philippines, 1990-1998	372
Figure 4.52	Number of Government and Private Elementary Schools	
	Philippines, 1990-1998	373
Figure 4.53	Number of Government and Private Secondary Schools	
	Philippines, 1990-1998	374

Figure 4.54	Number of Government and Private Tertiary Schools	
	Philippines, 1990-1999	375
Figure 4.55	Number of Government and Private Technical and Vocational Schools	
	Philippines, 1990-1997	376
Figure 4.56	Number of Schools by Level of Education, Philippines, 1990-1999	377
Figure 4.57	Percent Distribution of Schools by Level of Education	
	Philippines, 1990-1998	378
Figure 4 58	Human Development Index for Selected Countries 1990, 1997	380