



सत्यमेव जयते

GOVERNMENT OF INDIA

National Health Profile 2 0 0 5



CBHI

Central Bureau of Health Intelligence

Directorate General of Health Services

Ministry of Health & Family Welfare

Nirman Bhawan, New Delhi-110011.

website : www.cbhidghs.nic.in

e-mail: dircbhi@nb.nic.in

(In Collaboration with WHO India Country Office)

The Central Bureau of Health Intelligence welcomes requests for permission to reproduce or translate this publication, in part or in full with due acknowledgement. This publication is also available on website: www.cbhidghs.nic.in. Any relevant enquiry may be addressed to the office of Director, Central Bureau of Health Intelligence, Directorate General of Health Services, 401, A-wing, Nirman Bhavan, New Delhi 110011 (India).

© Central Bureau of Health Intelligence, Dte. General of Health Services, Ministry of Health & Family Welfare, Govt. of India. 2006

Technical Support :

Advent Healthcare Group
102, Tribhuvan Complex, Mathura Road, New Delhi 110065 (India)
Tel: 91-11-55689631, 26312631
Email: info@adventhcg.com

Design & Printing :

Nexus Design Project Pvt Ltd
F39, Green Park Main, New Delhi 110016 (India)
Tel: 91-11-41759732, 33, 34, 35
Email: nexusdesign@satyam.net.in

NATIONAL HEALTH PROFILE 2005

Contents

| | |
|--|------------|
| <i>Foreword</i> | <i>i</i> |
| <i>Preface</i> | <i>ii</i> |
| <i>Acknowledgements</i> | <i>iii</i> |
| <i>Abbreviations</i> | <i>iv</i> |
| <i>Introduction to the National Health Profile</i> | <i>v</i> |
| <i>India: Country Overview</i> | <i>v</i> |
| | |
| 1. Demographic Indicators | 1 |
| 2. Socio-Economic Indicators | 23 |
| 3. Health Status Indicators | 41 |
| 4. Health Finance Indicators | 77 |
| 5. Human Resources in Health Sector | 89 |
| 6. Health Infrastructure | 97 |
| | |
| <i>Definitions</i> | <i>111</i> |
| <i>Index</i> | <i>115</i> |



Dr. R. K. SRIVASTAVA
M.S. (Ortho) D.N.B. (PMR)
DIRECTOR GENERAL

भारत सरकार
स्वास्थ्य सेवा महानिदेशालय
निर्माण भवन, नई दिल्ली - 110 011
GOVERNMENT OF INDIA
DIRECTORATE GENERAL OF HEALTH SERVICES
NIRMAN BHAVAN, NEW DELHI-110 011
TEL. NO. : 91-11-23061438, 23061063
FAX NO. : 91-11-23061924
E-mail : dghs@nic.in,
rakeshshrivastava789@hotmail.com

Date. : 12 June 2006

FOREWORD

A credible health database is the most essential pre-requisite for policy-formulation and prospective health planning. Central Bureau of Health Intelligence (CBHI) regularly brings out its annual publication "Health Information of India" based on the Health Data from Health Directorates of States/UTs and various central government agencies. CBHI has pursued further effort to present this health data in an analytical and reader friendly format on National Health Profile, which includes all the relevant information in broadly classified six health indicators viz. Demography, Socio-Economic, Health Status, Health Finances, Health Infrastructure and Human Resources; while bridging the gap that existed in Health Information of India.

It is a pleasure that the first issue of this "National Health Profile of India 2005" is being brought out by the CBHI, Dte. General of Health Services, Ministry of Health and Family welfare, Government of India in collaboration with WHO.

This national publication will be useful for planners, administrators, decision makers, academicians, researchers and all others concerned with health development in India. And this "National Health Profile" will replace the annual publication "Health Information of India" from the year 2006.

The valuable suggestions for further improvement of this publication will be highly appreciated, which may kindly be shared with.

(Dr. R. K. Srivastava)



Government of India
Ministry of Health & Family Welfare

Dr. Ashok Kumar, M.D.
Dy. Director General
and Director

Tele/Fax : 91(11)23063175
e-mail : dircbhi@nb.nic.in
website : www.cbhidghs.nic.in
Gram : HOSPITAL INDIA

केन्द्रीय स्वास्थ्य आसूचना ब्यूरो
स्वास्थ्य सेवा महानिदेशालय
निर्माण भवन, नई दिल्ली - 110 011
Central Bureau of Health Intelligence
Dte. General of Health Services
Nirman Bhawan, New Delhi - 110 011

Date. : 12 June 2006

PREFACE

An updated national health database is essential for proper planning, decision making, monitoring and evaluation of various health programmes and health sector developments. To achieve this objective, the Central Bureau of Health Intelligence (CBHI) brings out adhoc publications and annually publishes "Health Information of India" based on the health data from Directorate of Health & FW of all the States/UTs and various central government & international agencies. There is great need of reliable and timely national health information by the policy makers, planners, administrator, researches and teachers. Keeping this in view, CBHI with WHO (India Country) support has compiled the "National Health Profile of India 2005" while fulfilling the gaps in its publication 'Health Information of India.' This "National Health Profile of India" will now be annually published by CBHI, replacing "Health Information of India".

We express our gratitudes to various source agencies viz. Directorate of Health & FW Services of all the 35 States/UTs, Registrar General and Census Commissioner of India, National Health Programmes, ICMR, Medical/Dental/Nursing Councils of India, Planning Commission, different Union Ministries like Statistics & Programme Implementation, Railways, Human Resource Development, Labour etc. and also International Agencies like WHO, UNICEF & IMF; for their continued support in providing the requisite data.

We are also grateful to National Informatics Centre (NIC), New Delhi for uploading CBHI publications in its website www.cbhidghs.nic.in The feedback and valuable suggestions from various users of this website have been very encouraging and we solicit such continued contributions in the future.

The continuous guidance provided by the DGHS and all concerned officers and staff of Dte. GHS and Ministry of Health & FW, Govt. of India was of immense help to prepare this publication.

(Dr. Ashok Kumar)

ACKNOWLEDGEMENTS

National Health Profile 2005 was produced under the direction of Dr. Ashok Kumar, Director and supervised by Mr. P K Mukhopadhyay, Joint Director, Central Bureau of Health Intelligence (CBHI), Ministry of Health & Family Welfare, Government of India.

The project for development of National Health Profile was undertaken with financial assistance from WHO India Country Office and technical guidance from Mr. Sunil Nandraj, Cluster Co-ordinator - Health System Development, WHO India Country Office.

CBHI acknowledges the research, analysis and documentation done by Advent Healthcare Group, the consultant for development of National Health Profile 2005.

List of Contributors

Advent Healthcare Group

Bikram Bujarborua
Dilip Jha
Shelly Bhatia
Tarun Sahni

CBHI

Ashok Kumar
P K Mukhopadhyay
S K Gupta
Anirudh Singh
S Jeyalaxmi

Expert Group

P Chattopadhyay
J Dash
Ambujam Nair Kapoor
Ganga Murthy
K L Taneja
Pushpanjali Swain
R C Sethi
Rajiv Lochan
H Borah

ABBREVIATIONS

| | | | |
|---------|--|--------|---|
| AIDS | Acquired Immuno Deficiency Syndrome | IMR | Infant Mortality Rate |
| ANC | Ante Natal Care | INC | Indian Nursing Council |
| ANM | Auxiliary Nurse Midwife | ISM | Indian System of Medicine |
| ARI | Acute Respiratory Infections | ISM&H | Indian System of Medicine and Homoeopathy |
| AYUSH | Ayurveda, Yoga, Unani, Sidhha & Homoeopathy | IUD | Intra Uterine Device |
| BCG | Bacilli Calmette Guerin | LEB | Life Expectancy at Birth |
| BDS | Bachelor of Dental Surgery | LHV | Lady Health Visitor |
| BMI | Body Mass Index | LPG | Liquefied Petroleum Gas |
| CBR | Crude Birth Rate | MCH | Mother and Child Health |
| CBHI | Central Bureau of Health Intelligence | MDS | Master of Dental Surgery |
| CCIM | Central Council of Indian Medicine | MHA | Ministry of Home Affairs |
| CCH | Central Council of Homoeopathy | MMR | Maternal Mortality Ratio |
| CD | Communicable Diseases | MOHFW | Ministry of Health and Family Welfare |
| CDR | Crude Death Rate | NACO | National AIDS Control Organization |
| CGHS | Central Government Health Scheme | NAS | National Accounts Statistics |
| CHC | Community Health Centre | NCD | Non-Communicable Diseases |
| CHD | Coronary Heart Disease | NCRB | National Crime Record Bureau |
| CSO | Central Statistical Organization | NCT | National Capital Territory |
| DGHS | Directorate General of Health Services | NFHS | National Family Health Survey |
| DNVBDCP | Directorate of National Vector Borne Disease Control Programme | NNMB | National Nutrition Monitoring Bureau |
| DOTS | Directly Observed Treatment Short Course | NNP | Net National Product |
| DPT | Diphtheria Polio Tetanus | NPCB | National Programme for Control of Blindness |
| EPI | Expanded Programme on Immunization | NSSO | National Sample Survey Organization |
| ESI | Employee State Insurance | NVBDCP | National Vector Borne Disease Control Programme |
| FSI | Forest Survey of India | PCI | Pharmacy Council of India |
| FW | Family Welfare | PHC | Primary Health Centre |
| FWC | Family Welfare Centre | PPC | Post Partum Centre |
| GDP | Gross Domestic Product | RCH | Reproductive and Child Health |
| GNP | Gross National Product | RGI | Registrar General of India |
| GIPSA | General Insurer's Public Sector Association | RHS | Rural Health Statistics |
| GOI | Government of India | RNTCP | Revised National Tuberculosis Control Programme |
| HIV | Human Immunodeficiency Virus | SDP | State Domestic Product |
| HRD | Human Resource Development | SRS | Sample Registration System |
| IFA | Iron-Folic Acid | TB | Tuberculosis |
| IMC | Indian Medical Council | TFR | Total Fertility Rates |
| | | TTI | Tetanus Toxoid Injection |

INTRODUCTION TO THE NATIONAL HEALTH PROFILE 2005

The **National Health Profile (NHP)** is a compilation of currently available data regarding broad range of indicators related to health status and health services in the country. The NHP focuses on key information regarding the nation's overall health status, health expenditures, infrastructure and human resources in health. It also brings out major trends over the years especially in the recent past. The NHP besides providing up to date information for the country, gives a comparative account of health situation existing in different states.

Since its inception in 1961, Central Bureau of Health Intelligence (CBHI) under the Directorate General of Health Services (DGHS) has been involved in collection, compilation, analysis and dissemination of information on health conditions in the country through regular and ad-hoc statistical publications. Publication of statistical data on health related issues started during mid 1950s called "**Health Statistics of India**". The health statistics of India was later renamed as "**Health Information of India**", which is currently published annually by CBHI. In order to improve upon the data presentation in HII and making it user friendly in the present context, the development of NHP was envisaged.

The NHP is targeted towards providing meaningful information to policymakers, health administrators, researchers, students and others to contribute towards improvement of health services and equitable distribution of health resources in the country.

India: Country Overview

India is one of the oldest civilizations in the world with a kaleidoscopic variety and rich cultural heritage.

Area – it covers an area of 32,87,2631 sq km, extending from the snow-covered Himalayan heights to the tropical rain forests of the south. Bounded by the great Himalayas in the north, it stretches southwards and at the tropic of cancer, tapers off into the Indian Ocean between the Bay of Bengal on the east and the Arabian Sea on the west.

Location – lying entirely in the northern hemisphere, the mainland extends between latitudes 8°4' and 37°6' north, longitudes 68°7' and 97°25' east, and measures about 3,214 km from north to south between the extreme latitudes and about 2,933 km from east to west between the extreme longitudes. It has a land frontier of about 15,200 km. The total length of the coastline of the mainland, Lakshadweep Islands, and the Andaman and Nicobar Islands is 7,516.6 km.

Boundaries – countries having a common border with India are Afghanistan and Pakistan to the north-west, China, Bhutan and Nepal to the north, Myanmar to the east and Bangladesh to the east of west Bengal. Sri Lanka is separated from India by a narrow channel of sea formed by the Palk Strait and the Gulf of Mannar.

Physical diversity – the main land comprises of four regions, namely, the great mountain zone, plains of the Ganga and the Indus, the desert region and the southern peninsula.

The Himalayas comprise three almost parallel ranges interspersed with large plateaus and valleys, which extends over a distance of about 2,400 km with a varying depth of 240 to 320 km in the northernmost part of the country.

The plains of the Ganga and the Indus, about 2,400 km long and 240 to 320 km broad, are formed by basins of three distinct river systems – the Indus, the Ganga and the Brahmaputra. They are one of the world's greatest stretches of flat alluvium and also one of the most densely populated areas on the earth.

The desert region in the western part comprise of the great desert extending from the edge of the Rann of Kutch beyond the Luni River northward including the whole of the Rajasthan-Sind frontier. While the little desert extends from the Luni between Jaisalmer and Jodhpur up to the northern wastes. Between the great and the little deserts lies a zone of absolutely sterile country, consisting of rocky land cut up by limestone ridges.

The peninsular plateau is marked by a mass of mountain and hill ranges varying from 460 to 1,220 meters in height. Prominent among these are the Aravalli, Vindhya, Satpura, Maikala and Ajanta, flanked by the Eastern Ghats with average elevation is about 610 meters, and the Western Ghats where it is generally from 915 to 1,220 meters, rising in places to over 2,440 meters.

India comprises 28 states and 7 union territories. They are: Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Goa, Gujarat, Haryana, Himachal Pradesh, Jammu and Kashmir, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Orissa, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttaranchal, Uttar Pradesh, and West Bengal. Union territories are: Andaman and Nicobar islands, Chandigarh, Dadra and Nagar Haveli, Daman and Diu, Lakshadweep, and Pondicherry.

