

Conventions Used in This Report

General Notes:

Name of “Central Statistics Organisation” (CSO) was changed to “Central Informatics Organisation”(CIO) since 2003.

Chapter 2 “Census and Demographic Statistics” shows the actual figures of the population based on the 2001 census results as published in the report (Basic Results – Population, Housing, Building & Establishments Census – Part One, Central Statistics Organization (CSO), 1 April 2001).

Table 2.8 “Population Estimates by Age Groups, Nationality and Sex 2004”, was used to calculate all the rates and percentages related to the population all throughout the report.

Conventions are used in this report to enable us presenting information in a concise form. Excluding those commonly used terms in Medical dictionaries.

Language: This publication is written in Arabic and English.

Tables

% change:

a) unless a negative value is indicated (-) all values are positive. (That is, they indicate a growth or an increase while (-) indicate a decrease. If no values is shown then any change or differences is considered to be insignificant or due to fluctuation rather than trend.

b) unless otherwise stated, years compared are the first and last years for which data is provided.

Tables that are printed over several pages: The final page of a table is indicated by a line drawn across the bottom of the last row in the table: on intermediate pages from which the table continues onto the next page, the last row of the table is not underlined.

The report contains some un-available data yearly as it based on national surveys or census.

الإصطلاحات المستخدمة في التقرير

		:
2003	"	"
)
	(2001	-
		2001
) 2004
	" 2.8	
		:
	()	(-)
		(
		:

International Classification of Diseases

a) Effective from 2003 The Ministry of Health started implementation of ICD-10, World Health Organization (W.H.O.) – printed 1992.

b) In terms of tables with five years of data from only 2000 to 2002, the ICD codes and its description either (e.g. based on diagnosis, or cause of death, or reported cases) by ICD-9.

Nurses: excluding practical nurses and other grades below staff nurse.

Allied Health: include Pharmacists & technicians, Dental hygienists technicians, Laboratory technologist and technicians, Radiographers & technicians, Physiotherapists, Occupational therapists.

Chapter 1 - Summary Statistics

Table 1.1

The population figures for the year 2000 represent the estimated population based on the 1991 census. While the 2001 & 2004 estimates based on the 2001 census.

Table 1.3, Table 1.4, Table 1.5

The Public Security Health Center renamed to Directorate of Health and Social Welfare since 2003.

Physicians: Number of Arabian Gulf University physicians is included as a total within the government sector because these physicians are practicing at government hospitals and health centers.

Effective from 2004, a separate chapter within the Private Sector to present the data for Joslin Diabetes Center in this report.

Beds excluding baby cots at Special Care Baby Unit.

In-patients: the total include beds at Special Care Baby Unit.

Allied health resources: number of physicians etc stated under Training Directorate because some of these resources are officially under internal or overseas training programs for further studies.

Muharraq Maternity Hospital: in previous years data belong to long stay wards in Muharraq hospital was included within Muharraq hospital, but since 2001 it is included with Geriatric hospital data.

Out-patients visits at health center shown in this table represent the total of following visits: General, Dental, Mother and Child and Diabetic clinics.

. 2003	(1992	-	ICD – 10)	(
	2002	2000		(
	()
				:
				:
				-
				1.1
		2000		
. 2001	2004	2001		1991
			1.5	1.4
			1.3	
.2003				:
				:
				2004
				:
				:
		2001		:
				:

Chapter 2 - Census & Demographic Statistics

Population figures used in this chapter based on the latest census April, 2001 and provided by the Central Informatics Organization. We have used Population Estimates 2004 for calculating all related rates & percentages.

Table 2.9 , 2.10

Source of Population estimates by region and health centers since 2002 is the Central Informatics Organization previously known as Central Statistics Organization, where in previous years it was calculated at Health Information Directorate by using a fixed percentage of population distribution by region, nationality and sex.

Chapter 6 - Public Health

Table 6.1 & Table 6.2

The remarkable decrease in the number of reported cases of both Syphilis and Gonococcal Infection was due to patients visited private clinics and cured without taking any sample for further conformation of the disease. These patients were reported under "Other Sexual Transmitted Diseases – STD" with total of 458 cases.

Table 6.3

MMR₁: A shift of Measles vaccine for Infant from the age of 9 months to age 1 year since 1999.

Table 6.5

Dair H.C. Antenatal services are provided at Muharraq H.C.

Table 6.6

Percentage Coverage of TT will normally be decreased by time as most of the pregnant women were immuned at childhood or school vaccination program.
Percentage Coverage for child protection at birth (CPB) by tetanus vaccination against tetanus neonatorum will normally be increased by the number of newborns protected at birth against tetanus from their mother who received 2 doses or more of tetanus any time in her life.

Chapter 7 - Primary HealthCare

Table 7.1

Diabetic Clinic: Diabetic out-patient visits were separated from the general clinic for nine health centers since 2003.

9

7.1

Health centers with no antenatal services are referred to other health centers as follows:

:

- Antenatal services for Dair H.C. patients is offered in Muharraq H.C.
- This service is offered for Jaw & Asker Clinic patients in Hamad Kanoo H.C.
- This service is offered for Zallaq clinic patients in Kuwait H.C.

-
-
-

Table 7.10

% of pregnant women received Tetanus Toxoid: there are different between percentages are shown in this table and table 6.6 in Public Health chapter because of using different dominators in Primary health care chapter the percentage is calculated at the Ministry of Health level:

6.6

7.10

$$\frac{\text{Pregnant women received 2}^{\text{nd}} \text{ dose or more of Tetanus Toxoid in a year}}{\text{Total antenatal (first visit) of the same year}} \times 100$$

$$100 \times \frac{\quad}{(\quad)}$$

In Public Health chapter is calculated at the Kingdom level:

:

$$\frac{\text{Pregnant women received 2}^{\text{nd}} \text{ dose or more of Tetanus Toxoid in a year}}{\text{Total registered live births of the same year}} \times 100$$

$$100 \times \frac{\quad}{\quad}$$

This difference occurs since 2001 because in previous year same dominator was used in both chapters which is the total antenatal visits, but this year Public Health decided to change the dominator to registered live births because it covers all health institutions in the Kingdom, where is the number of antenatal visits covered health centers only. This matter will be discussed with both parties to unify calculation method.

2001

Chapter 8 - Vital Statistics

Reported Births: are births notified by Maternity hospitals. Total reported births figure is used in calculating rates related to births except rates by nationality, we used Registered births figure as it is mentioned in Table 1.8.

1.8

Registered Births: are births registered at Births & Deaths Registration Office at Public Health Directorate when a birth certificate is sought for a child. This is all births in the year including those that took place in the year and were registered during the 1st three months of the following year.

3

**Chapter 9 - Secondary HealthCare : Government Sector
(Salmaniya Medical Complex)**

Table 9.1

Beds were distributed according to the departmental need.

Obstetrics include 20 beds in Labor and Delivery Ward.

Totals excluding Special Care Baby Unit.

Short Stay Beds (Ward 62) re-opened in 2001 under Others.

Ward 12: was used as decanter in 2001 because of renovation of SMC ward.

Table 9.2, Table 9.3

Private ward include 413 & 410: data is already included within the related departments, except number of beds.

Beds in Surgical department has been used for dental inpatients in 2001, so the total admission of the surgical department includes dental inpatients to enable the calculation for the other utilization of beds indicators in the table.

Table 9.18

Total outpatients visits: Visits to the physiotherapy, occupational therapy and day case unit were separated form the total outpatients visits.

Physiotherapy: physiotherapy services in health centers were started at Ibn Sina in 1992 and at National Bank of Bahrain health center in 1996, administratively they were reported to Salmaniya Medical Complex and their data also was included within Salmaniya Complex. In July 2001, these services were officially separated from Salmaniya Medical Complex therefore, their data were excluded from this table and presented in the Primary Health Care (Table 7.14).

Symbols, Abbreviations and Acronyms

...	Not Available	LPP	Limited Private Practice (MOH doctors in private practice)
-	Zero	M	Male
AIDS	Acquired Immuno-Deficiency Syndrome	MCH	Mother & Child Health Care
ALS	Average Length of Stay	MDG	Millennium Development Goals
Bah	Bahraini	MOH	Ministry of Health
BCG	Bacillus of Calmette & Gurein (Tuberculosis Vaccines)	NA	Not Applicable
BDF	Bahrain Defense Force	Non Bah	Non-Bahraini
CIO	Central Informatics Organisation	Obs & Gyne	Obstetrics and Gynecology
CSO	Central Statistics Organisation	PHD	Public Health Directorate (Ministry of Health)
DISCH	Discharges	SCBU	Special Care Baby Unit
DOC	Days of Care	SMC	Salmaniya Medical Complex
ENT	Ear, Nose, Tonsils	TT	Tetanus Toxoid Vaccine
F	Female	WHO	World Health Organization
GCC	Gulf Co-operative Council		
GDP	Gross Domestic Product		
GNP	Gross National Product		
GNDI	Gross National Disposable Income		
HBeAg	Hepatitis B surface Antigen		
HC	Health Center		
HDI	Human Development Index measure of national human development used in the United Nations Human Development		
HIV	Human Immuno-Deficiency Virus		
ICD	International Classification of Diseases		
ICU	Intensive Care Unit		