



**PALESTINIAN NATIONAL AUTHORITY**

**MINISTRY OF HEALTH**

**PALESTINIAN HEALTH DATA DICTIONARY**

2<sup>nd</sup> Edition

April 2005

**HEALTH SYSTEM DEVELOPMENT PROJECT – HSDP  
MIS PROGRAM**



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**TITLE**

Palestinian Health Data Dictionary

**SOURCE(S)**

Health System Development Project, Ministry of Health, Palestinian National Authority, April 2005.

**ADAPTATION**

Health data dictionary is adapted from international health data dictionaries and national coding specifications

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**DEVELOPER(S)**

Ministry of Health, Palestine

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General practitioners, nurses, physicians at the secondary health care, health Information management professionals, administrators, health researchers.

## **HEALTH DATA DICTIONARY STATUS**

Revised draft (January 2002)

## **HEALTH DATA DICTIONARY AVAILABILITY**

Hard and electronic copies, electronic copies are available via the Health Information Center at the Ministry of Health Internet home page (<http://www.moh.gov.ps>).

## **REVIEW METHOD**

Peer review

## **EXPECTED DATE FOR REVISION**

June 2006

## **OBJECTIVES**

To establish a set of uniform definitions for data items relating to the health services and population parameters.

To provide uniform data elements harmonized with prevailing standards for electronic data entry and exchange.

To promote uniformity, availability, reliability, validity, consistency and completeness of the data.

To adapt nationally and internationally standard definitions and coding specifications, wherever possible.

To promote the national standard definitions through being readily available to all individuals and health institutions responsible for maintaining or improving record systems.

### **OUTCOMES CONSIDERED**

Uniform data element collection from all health services.

Improve the quality of information for public policy debate on health issues.

Further information about the *National Health Data Dictionary* and the National Health Data Committee can be obtained through:

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## PREFACE

As stated in the mission of the Ministry of Health (MOH), the health information system is one of the evolving strategic tools for a sustainable health care system development in Palestine.

In views of the MOH development strategy, building a modern and sustainable Health Management Information System (HMIS) has been one of the most significant priorities in achieving national health objectives in Palestine. To achieve such objectives, the MOH is implementing the Health System Development Project (HSDP) which is financed by the International Development Association (IDA). The project has commenced in May, 2000 and it involved several interrelated activities that aimed at supporting the development of the HMIS of the Ministry of Health. One of the most important activities in this project is the preparation of a Standard Health Data Dictionary (HDD), which would establish Data Standard Policies to support the future development of HMIS.

The 1<sup>st</sup> edition of the National Health Data Dictionary (NHDD) had been produced in September 2002 and considered the cornerstone of health information in the Ministry of Health.

The Palestinian MOH is proud to produce this 2<sup>nd</sup> edition of HDD, which updates the 1<sup>st</sup> edition of the data definitions recommended by the Health Data Dictionary and Medical Forms Committee. The Use of the Dictionary will help ensure that the data within the Palestinian health institutions are uniformed and of high quality.

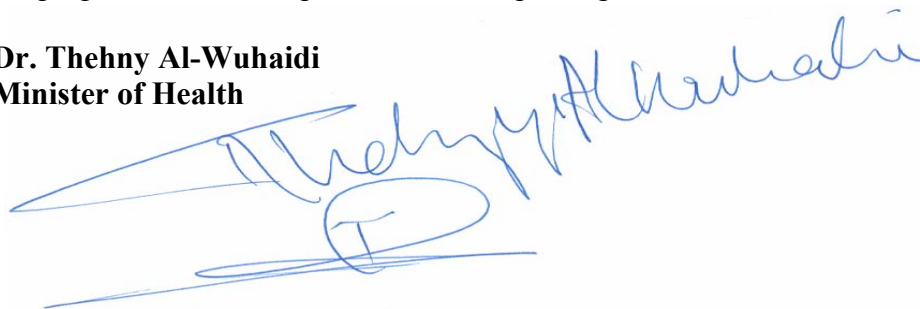
It is only through the cooperation and collaboration consensus of Health Data Dictionary and Medical Forms Committee that it made possible to produce this 2<sup>nd</sup> version of the Dictionary containing a set of core data specifications for use in all Palestinian health data collection settings.

Despite all the obstacles and the political challenges facing the Palestinian people in general, and MOH-staff in particular, the dictionary has been produced and updated as a result of teamwork and close co-operation amongst the MOH senior specialists.

We would like to extend our appreciation to the Health Data Dictionary and Medical Forms Committee for their hard work, loyalty and professional commitment.

We are confident that the committee would welcome any comments on the Dictionary; therefore, readers are encouraged to submit their views and feedback for the purpose of future improvement and updating.

**Dr. Thehny Al-Wuhaidi**  
**Minister of Health**



## **ACKNOWLEDGMENT**

The Health Data Dictionary and Medical Forms Committee Members would like to extend their most profound gratitude to every person who has contributed directly or indirectly in achieving this 2<sup>nd</sup> edition of HDD, without their helpful advices and comments this accomplishment could not have been possible.

We pay special tribute to H.E. Dr. Thehny Al-Wuhaidi the Minister of Health, for his support and encouragement to catch up with the recent development in the field of Health Management Information System.

Furthermore, we would like to express our deepest appreciation to his Excellency Dr. Anan Masri, the Deputy Minister of Health, for his vital support, encouragement, and facilitation of the Committee Members work.

Last but not least, special thanks are extended to the World Bank Health Technology Consultant Prof. Dennis J. Streveler and Task Team Leader Dr. Anne Johansen for their highly appreciated expertise and recommendations to finalize this edition.

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# INTRODUCTION

The 2<sup>nd</sup> edition of the Palestinian Health Data Dictionary, updates the data definitions and the standard coding system recommended for use in Palestinian health data collections. The Dictionary is also available in electronic form via the MOH website [www.moh.gov.ps](http://www.moh.gov.ps) . This 2<sup>nd</sup> edition consists of five main parts:

- Part one concentrates on defining health care providers while part two explores patient identification data from the different dimensions, Patients identifier and demographic, social physical labor lifestyle and insurance characteristics.
- Part three of the health data dictionary focuses on two health events. One is the person event and other is health service event.
- In part four, special attention has been given to the different definitions of the different groups of communicable diseases.
- Part five is added to the 2<sup>nd</sup> edition of the health data dictionary, it is focus on chronic non-communicable diseases.
- Last but not least, the data dictionary includes different related annexes e.g. classification of the PHC centers and hospital codes.

## *Description of the format of data items*

### **Data Elements**

The Palestinian Data Dictionary Committee considered it important to provide sufficient detail about each data element to justify its inclusion in the uniform data set, as well as to assist the Palestinian Ministry of Health and other health providers, which seek to implement a data collection system. When a data element requires specific categories, these are listed in the category values to ensure consistent recording. In some cases data items may be derived from data collected elsewhere. The lists included here are intended as a starting point for a uniform Health Care data set, which will evolve. Each data element is presented using the following monograph:

**Item name:** A single or multi-word designation assigned to a data element. This appears in the heading for each unique data definition in the Dictionary.

**Reference ID:** An identifier for the data element.

**Data Element Type:** A data element type may be either:

**Concept Data Element:** a concept which, can be represented in the form of a data element, described independently of any particular representation.

**Data Element:** a unit of data which contains a mutually exclusive list of category values so that only one or more value may be selected and recorded for a data item. Also a unit of data for which the representation values are specified. For example, a patient birth date or hospitals discharge date.

**Derived Data Element:** a data element whose values are derived by calculation from the values of other data elements. For example, Body Mass Index for diabetic patient may be derived from Patient Weight and Patient Height.

**Composite Data Element:** a data element whose values represent a grouping of the values of other data elements in a specified order.

**Item Definition:** A statement that expresses the essential nature of a data element and its differentiation from all other data elements.

**Usage and Content:** a designation or description of the application environment or discipline in which a name is applied or from which it originates. For the Dictionary this attribute may also include the justification for collecting the items and uses of the information.

**Data Type:** The type of symbol, character or other designation used to represent a data element. Examples include integer, numeric, alphanumeric, alphabetic etc. For example, the data type for Sex is a numeric drawn from a value or code set in which numeric characters such as 1 = Male, 2 = female used to denote a data valid value (*see* Valid values below).

**Field Size:** The number of storage units (of the corresponding data type) to represent the data element value. Field Size does not generally include characters used to mark logical separations of values e.g. commas, hyphens or slashes.

**Codes and Values:** Many data items contain a mutually exclusive list of category values so that only one value may be selected and recorded for a data item. (for example, for 'Labor force status' values are 1 = Employed, 2 = Unemployed, etc). Other items may have multiple values where more than one category value may be recorded. An example is complication during pregnancy, where a combination of complications such as diabetes and hypertension may be recorded.

**Technical Comments:** Additional information which may be of use to individuals setting up a data collection system.

## **PART 1: HEALTHCARE PROVIDER**

Health Sector Identifier	A001	4
Institution Identifier	A002	5
Specialty / Unit	A003	6
Healthcare Provider Identifier	A004	8

Health Sector Identifier	
<b>Data Element Name</b>	Health Sector Identifier
<b>Reference ID</b>	A001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Type of health care provider dealing with specific group of patients according to a certain set of regulations.
<b>Data Type</b>	Alpha
<b>Field Size</b>	1

**Usage and Content:** Health services: type of health care provider is required in order to aggregate health sector-level data into meaningful summary categories for reporting and analysis. Analyses facilitated by the inclusion of health sector classification include:  
Identification of types and levels of services provided by each sector  
Degree of accessibility by patients to each service.  
Number of patients using each service.  
Utilization of services in each sector.

**Codes and Values**

G	Ministry of Health (MOH)
U	UNRWA
N	NGO's (not-for-profit organization)
P	Private sector
M	Military and Police

**Technical Comments:** The Palestinian health care system is a mixture of public, non-governmental, UNRWA, and private (profit and not-for-profit) service delivery, with a developing governmental health insurance.  
The Ministry of Health (MOH) is responsible for a significant portion of both Primary Health Care (PHC) and secondary care and some tertiary care.  
UNRWA plays an important role in health services delivery, providing free of charge primary health care, and purchasing secondary and tertiary services for the Palestinian registered refugees.

<b>Institution Identifier</b>	
<b>Data Element Name</b>	Institution Identifier
<b>Reference ID</b>	A002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Types and levels of health services provided by health sectors.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	2

**Usage and Content:** Health services: type and levels of institution health services is required in order to aggregate institution-level data into meaningful summary categories for reporting and analysis.

**Codes and Values:**

<b>P0</b>	<b>Primary health care</b>
P1	Level I
P2	Level II
P3	Level III
P4	Level IV
<b>H0</b>	<b>Hospital</b>
H1	Peripheral
H2	Central
H3	Specialist

**Technical Comments:**

**Primary Health Care Center:**

**Level I:** Provides:

- **Preventive services:** mother and child health care and immunization.
- **Curative services:** first aid.

**Level II:** Provides:

- **Preventive services:** mother and child health care, and immunization.
- **Curative services:** GP medical care, Laboratory (in some clinic).

**Level III:** Provides:

- **Preventive services:** mother and child health care, immunization, family planning and dental.
- **Curative services:** GP and medical specialist Laboratory, Health Education

**Level IV:** provides:

- **Preventive services:** mother and child health care, immunization, family planning and dental.
- **Curative services:** General practitioner (GP), medical specialist care and dental care, Gynecology and obstetric, Laboratory, Radiology, Health Education, Emergency Medical Services (EMS)

**Hospital**

- **Peripheral:** basic health services provided to a local geographical area.
- **Central:** provide full compliment of advanced secondary and tertiary services (referral).
- **Specialist:** provide full compliment of advanced secondary and tertiary services(in one specialist)

<b>Specialty / Unit</b>	
<b>Data Element Name</b>	Specialty / Unit
<b>Reference ID</b>	A003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Specialized services provided by the health care institution
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Health services: essential to provide a broad picture of the availability of these key specialized services by governorate and region and to assist with planning if services are over supplied in one region relative to another.

**Codes and Values:**

<b>A00</b>	<b>Internal Medicine</b>
A01	Coronary Care Unit (CCU)
A05	Dermatology
A10	Endocrinology
A15	Gastro Entrology and Hepatology
A20	Hematology and Oncology
A25	Infectious diseases
A30	Nephrology
A35	Neurology
A40	Pulmonology
A45	Rheumatology
<b>B00</b>	<b>Psychaitry</b>
<b>C00</b>	<b>General Practice</b>
<b>D00</b>	<b>Endoscopy Unit</b>
<b>E00</b>	<b>Anesthesia</b>
<b>ENT</b>	Ear Nose Throat
<b>G00</b>	Gynecology & Obstetrics
<b>H00</b>	<b>School Health</b>
<b>ICU</b>	Intensive Care Unit
<b>M00</b>	<b>Radiology &amp; Imaging</b>
<b>N00</b>	<b>Clinical Pathology</b>
N01	Histopathology
N05	Microbiology
N10	Hematology
N15	Biochemistry
<b>P00</b>	<b>Pediatrics</b>
P01	Pediatric Intensive Care Unit (PICU)
P05	Special Care Baby Unit (SCBU)
<b>R00</b>	<b>Reproductive Health Services</b>
R01	Antenatal
R05	Post Natal
R10	Family Planning and Infertility
R15	Well Women Care
R20	Neonatal Care
<b>S00</b>	<b>Surgery</b>
S01	Cardio thoracic Surgery

S05	Endoscopic surgery
S10	Facio maxillary Surgery
S15	General surgery
S20	Neuro surgery
S25	Orthopedic Surgery
S30	Pediatric Surgery
S35	Plastic & Reconstructive Surgery
S40	<b>Transplant surgery</b>
S45	Urology
S50	Vascular Surgery
<b>T00</b>	<b>Dental</b>
<b>U00</b>	<b>Nutrition</b>
<b>V00</b>	<b>Health Education Services</b>
Y00	Ophthalmology

**Technical Comments:** None

<b>Healthcare Provider Identifier</b>	
<b>Data Element Name</b>	Healthcare Provider Identifier
<b>Reference ID</b>	A004
<b>Data Element Type</b>	Composite Data Element
<b>Definition</b>	Identifier for the health care provider in which episode or event occurred. Each separately administered health care provider to have a unique identifier at the national level.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	8

**Usage and Content:** Institutional health cares

**Codes and Values:** Concatenation of:  
A Health sector  
A Facility  
NN Governorate code  
NNNN Healthcare Provider number

**Technical Comments:** The Standard Health Care Providers classification is reported using eight alphanumeric codes. The first character is the code to indicate health sector; followed by one character code to indicate facility identifier; followed by two digits code to indicate Governorate code as defined in the Palestinian Standard Geographical Classification. The remaining four digits are the numerical code for the healthcare provider number. (*Annex 1: Healthcare provider list*)

**For Example:**

G	MOH
P	PHC
60	Gaza city
2836	Rimal clinic serial number
G P 60 2836	Rimal clinic
G	MOH
H	Hospital
60	Gaza city
0001	Shifa hospital serial number
G H 60 0001	Shifa hospital

## **PART 2: PERSON INFORMATION**

### **2.1 Patient Identifier**

Patient Identification Number	B001	10
Medical Record Number	B002	11
Patient Name	B003	12
Residential Address / Governorate	B004	13
Residential Address Locality	B005	14
Residential Address Street / House Number	B006	15
Home Phone Number	B007	16
Patient Emergency Contact Name	B008	17
Contact Emergency Contact Relationship	B009	18
Patient Emergency Contact Telephone Number	B010	19

### **2.2 Demographic Characteristics**

Date of Birth	B011	20
Country of Birth	B012	21
Sex	B013	22

### **2.3 Social Characteristics**

Marital Status	B014	23
Education Status	B015	24

### **2.4 Labor Characteristics**

Employment Status	B016	25
Occupation of Person – Major Group	B017	26
Health Labor Force	B018	27
Principal Role of Health Professional	B019	28
Classification of Education Level for Health Labor Force	B020	29

### **2.5 Physical Characteristics**

Adult Height Measured	B021	30
Child Length / Height Measured	B022	31
Adult Weight Measured	B023	32
Adult Body Mass Index - Classification	B024	33

### **2.6 Lifestyle Characteristics**

Tobacco Smoking Status	B025	34
Tobacco Smoking-Consumption / Quantity (Cigarettes)	B026	35
Physical Activity	B027	36
Type of Diet	B028	37

### **2.7 Insurance Characteristics**

Governmental Health Insurance	B029	39
Insurance Status	B030	40
Insurance Type	B031	41
Premium of Governmental Health Insurance	B032	42

### **2.8 Treatment Abroad Characteristics**

Specialized Treatment System (Treatment Abroad)	B033	43
Type of Treatment Abroad	B034	44
Source of Referral for Treatment Abroad	B035	45
Place of Referral for Treatment Abroad	B036	46
Main Medical Procedures (Treatment Abroad)	B037	47

<b>Patient Identification Number</b>	
<b>Data Element Name</b>	Patient Identification Number (ID Number)
<b>Reference ID</b>	B001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A patient's unique number that is given at birth to facilitate retrieval of individual clinical records.
<b>Data Type</b>	Numeric
<b>Field Size</b>	9

**Usage and Content:** Unique number for a patient care record. This ID number is unique within the Governorate of Palestine. It provides a specific key to a specific record. This ID number, as unique within a region of interest, will fulfill all the requirements for linkage which have been described under incident number

**Codes and Values:** None

**Technical Comments:** In MOH, patient ID number and patient medical record number must be the same.

<b>Medical Record Number</b>	
<b>Data Element Name</b>	Medical Record Number
<b>Reference ID</b>	B002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The number used by the Medical Records Department to identify the patient's permanent medical/health record file.
<b>Data Type</b>	Numeric
<b>Field Size</b>	9

**Usage and Content:** Unique number for a patient care record. This medical record number is unique within the Regional Health Sector of Palestine. It provides a specific key to a specific record. This medical record number, as unique within a region of interest, will fulfill all the requirements for linkage, which have been described under incident number

**Codes and Values:** None

**Technical Comments:** In MOH patient ID number and patient medical record number must be the same.

Patient Name	
<b>Data Element Name</b>	Patient Name
<b>Reference ID</b>	B003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The name of patient
<b>Data Type</b>	Alpha
<b>Field Size</b>	80

**Usage and Content:** This data element is essential because of its value in probabilistic linkage, both as a linking variable as well as a confirmatory variable to determine appropriate linkage. It is recognized that this data element requires careful protection from misuse, but it is more appropriate to regulate appropriate use of this field.

**Codes and Values:** None

**Technical Comments:** It should be coded in a multiple fields, then the format of this fields should be FIRST (first name), SECOND (Father's name), THIRD (Grandfather's name), LAST (Family name). The FIRST, SECOND and LAST must be coded as an Essential, the THIRD as a Desirable.

<b>Residential Address / Governorate</b>	
<b>Data Element Name</b>	Residential Address / Governorate
<b>Reference ID</b>	B004
<b>Data Element Type</b>	Composite Data Element
<b>Definition</b>	An identifier for the current governorate residential address of the person.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Geographical governorate is reported using Geographical Classification Locality to enable accurate aggregation of information to governorate areas within the PCBS Standard Geographical Classification. Analyses facilitated by the inclusion of Geographical Classification Locality on the governorate level include: Comparison of the use of services by persons residing in different Palestinian geographical governorate, Characterization of catchment governorate and populations for health institutions for planning purposes.

**Codes and Values:**

01	Jenin
05	Tubas
10	Tulkarm
15	Nablus
20	Qalqilya
25	Salfit
30	Ramallah & Al Bireh
35	Jericho (Ariha)
40	Jerusalem (Al Quds)
45	Bethlehem (Biet Lahm)
50	Hebron (Al Khalil)
55	North Gaza
60	Gaza
65	Deir Al Balah
70	Khan Yunis
75	Rafah
99	Not Stated

**Technical Comments:** The Standard Geographical Classification is reported using a six digit numerical code. The first two digits is the code to indicate Governorate. The remaining four digits are the numerical code for the Local Area within the Governorate as defined in the Palestinian Standard Geographical Classification (Table 2).

Residential Address Locality	
<b>Data Element Name</b>	Residential Address Locality
<b>Reference ID</b>	B005
<b>Data Element Type</b>	Composite Data Element
<b>Definition</b>	Geographical location of current residence of the person
<b>Data Type</b>	Numeric
<b>Field Size</b>	6

**Usage and Content:** Geographical location is reported using Geographical Classification Locality to enable accurate aggregation of information to larger areas within the PCBS Standard Geographical Classification (such as Statistical Subdivisions and Statistical Divisions) as well as detailed analysis at the Statistical Locality level. The use of Statistical Locality also allows analysis relating the data to information compiled by the Palestinian Central Bureau of Statistics (PCBS) on the demographic and other characteristics of the population of each Statistical Locality. Analyses facilitated by the inclusion of Statistical Locality information include  
Comparison of the use of services by persons residing in different geographical location,  
Characterization of catchment areas and populations for establishments for planning purposes.

**Codes and Values:** Concatenation of:  
NN Governorate  
NNNN Locality

**Technical Comments:** The Standard Geographical Classification Locality is reported using a six digit numerical code. The first two digits is the code to indicate Governorate. The remaining four digits are the numerical code for the Locality within the Governorate as defined in the *Palestinian Standard Geographical Classification Locality (Annex 2)*.

<b>Residential Address Street / House Number</b>	
<b>Data Element Name</b>	Residential Address Street / House Number
<b>Reference ID</b>	B006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	An additional information for the current address of the person
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	20

**Usage and Content:** Contains the street address, followed by the house number or apartment number of internal building number.

**Codes and Values:** Free text entry

**Technical Comments:** Value may be unknown

Home Phone Number	
<b>Data Element Name</b>	Home Phone Number
<b>Reference ID</b>	B007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's home telephone number
<b>Data Type</b>	Numeric
<b>Field Size</b>	9

**Usage and Content:** Permits follow-up with patient and facilitates billing

**Codes and Values:** Concatenation of:  
 NN Area code  
 NNNNNNN Phone number

**Technical Comments:** Value may be unknown.

<b>Patient Emergency Contact Name</b>	
<b>Data Element Name</b>	Patient Emergency Contact Name
<b>Reference ID</b>	B008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The person defined by the contact person to be contacted in case of emergency
<b>Data Type</b>	Alpha
<b>Field Size</b>	80

**Usage and Content:** Permits follow-up with patient and facilitates notification for the status of a patient in case of emergency.

**Codes and Values:** Free text entry

**Technical Comments:** Value may be unknown.

<b>Contact Emergency Contact Relationship</b>	
<b>Data Element Name</b>	Contact Emergency Contact Relationship
<b>Reference ID</b>	B009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The relationship of the designated contact person to the healthcare user
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Permits follow-up with patient and facilitates notification for the status of a patient in case of emergency.

**Codes and Values:**

1	First degree
2	Next of kin (NoK)

**Technical Comments:** First-degree relationship include: father, mother, spouse, sister, brother, son and daughter.

<b>Patient Emergency Contact Telephone Number</b>	
<b>Data Element Name</b>	Patient Emergency Contact Telephone Number
<b>Reference ID</b>	B010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The telephone where in case of urgency we can contact the patient or his relatives.
<b>Data Type</b>	Numeric
<b>Field Size</b>	9

**Usage and Content:** Permits follow-up with patient and facilitates notification for the status of a patient in case of emergency.

**Codes and Values:** Concatenation of:  
 NN                   Area code  
 NNNNNNN       Phone number

**Technical Comments:** Value may be unknown.

<b>Date of Birth</b>	
<b>Data Element Name</b>	Date of Birth
<b>Reference ID</b>	B011
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The date of birth of the person
<b>Data Type</b>	Date
<b>Field Size</b>	8

- Usage and Content:** Extremely valuable for probabilistic linkage and calculation of accurate age information. Provide much more discriminatory power in probabilistic linkage than the numeric age. Required to derive age for demographic analyses.  
If date of birth is not known, provision should be made to collect age (in years) and a date of birth derived from age.
- Codes and Values:** Date format should be coded DD-MM-YYYY. Century digits are essentially.
- Technical Comments:** Format DD-MM-YYYY is recommended as part of Middle East standard. For month and day, use leading zeros if necessary to pad the fields to 2 characters each.

Country of Birth	
<b>Data Element Name</b>	Country of Birth
<b>Reference ID</b>	B012
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The country in which the person was born
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Country of birth is important in the study of access to services by different population sub-groups. Country of birth is the most easily collected and consistently reported of possible data items. The item provides a link between the Census of Population and Housing. Country of birth may be used in conjunction with other data elements such as period of residence in Palestine, etc., to derive more sophisticated measures of access to services by different population sub-groups.

**Codes and Values:**

10	Palestine
21	Jordan
22	Syria
23	Lebanon
24	Egypt
25	Tunis
26	Yeman
27	Sudi Arabi
28	Iraq
29	Kuwait
30	Other Gulf countries
31	Other Arab countries
50	Non Arab countries
99	Not stated

**Technical Comments:** None

Sex	
<b>Data Element Name</b>	Sex
<b>Reference ID</b>	B013
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Sex of patient
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Valuable for linkage to other files, and permits reporting of epidemiologic information by sex

**Codes and Values:**

1	Male
2	Female
3	Ambiguous
9	Not stated

**Technical Comments:** None

<b>Marital Status</b>	
<b>Data Element Name</b>	Marital Status
<b>Reference ID</b>	B014
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Current marital status of the patient
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Marital status is a core data element in a wide range of social, labor and demographic statistics. Its main purpose is to establish the living arrangements of individuals, to facilitate analysis of the association of marital status with the need for and use of services and for epidemiological analysis. The PCBS has defined registered marital status based on a legal concept and social marital status

**Codes and Values:**

1	Single
2	Married
3	Divorced
4	Widowed
5	Separated
9	Not stated

**Technical Comments:** None

<b>Education Status</b>	
<b>Data Element Name</b>	Education Status
<b>Reference ID</b>	B015
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The highest level of education, which the person had passed successfully
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This requires routine recording in all collections of indicators of socioeconomic status

**Codes and Values:**

0	Illiterate
1	Elementary
2	Preparatory
3	Secondary
4	Diploma ( Pre University Diploma)
5	Bachelor
6	Higher Diploma ( Post graduate Diploma)
7	Master
8	PhD or equivalent
9	Not stated

**Technical Comments:** None

<b>Employment Status</b>	
<b>Data Element Name</b>	Employment Status
<b>Reference ID</b>	B016
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Self-reported employment status of a person, immediately prior to receive health care services.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This requires routine recording in all collections of indicators of socioeconomic status

**Codes and Values:**

1	Employed
2	Unemployed
3	Student
4	House Wife
5	Retired
6	Pre school child
9	Not stated

**Technical Comments:** None

Occupation of Person – Major Group	
<b>Data Element Name</b>	Occupation of Person – Major Group
<b>Reference ID</b>	B017
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The current job (major group) or duties in which the person is principally engaged.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Public health: there is considerable user demand for data on occupation-related injury and illness.

**Codes and Values:**

01	Legislators and Managers
02	Professional
03	Technicians and Associate Professionals
04	Clerks
05	Services and Sales Workers
06	Skilled Agricultural and Fishery Workers
07	Crafts and Related Workers
08	Plant, Machine Operators and Assemblers
09	Elementary Occupation
88	Other

**Technical Comments:** **LIGISLATORS AND MANAGERS** head government, legislative, industrial, commercial, agricultural and other establishments.

**PROFESSIONALS** health, engineering, business and information, education, social welfare and the arts.

**TECHNICHANS AND ASSOCIATE PROFESSIONALS**  
Tasks are often performed in support of professionals.

**CLERKS** perform a variety of tasks, Applying a body of trade or industry specific technical knowledge and operate a wide variety of complex precision machinery or plant to complete several stages in the fabrication and maintenance of products.

**SERVICES AND SALES WORKERS** perform a range of clerical, sales and service tasks, usually under supervision, within established routines and procedures.

**CRAFFTS AND RELATED WORKERS** perform a range of complex organizational, administrative, service and liaison tasks requiring a degree of independence.

**SKILLED AGRICULTURAL AND FISHERY WORKERS** perform a range sales, and service tasks requiring a limited degree of discretion and judgment.

**PLANT, MACHINE OPERATORS AND ASSEMBLERS** operate plant, machinery, vehicles and other equipment to transport passengers and goods, to move materials, to generate power and to perform various agricultural, manufacturing and construction functions.

**ELEMENTARY OCCUPATION** perform routine tasks usually working under close supervision.

<b>Health Labor Force</b>	
<b>Data Element Name</b>	Health Labor Force
<b>Reference ID</b>	B018
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	All those in paid employment, and unpaid volunteers: - whose primary employment role is to achieve a health outcome for individuals or the population as a whole, whether this is in clinical, research, education, administrative or public health capacities. The health labor force consists of all those persons included in the health work force plus all those persons not currently employed in the health work force who are seeking employment therein.
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** Health labor force.

**Codes and Values:** None

**Technical Comments:** None

<b>Principal Role of Health Professional</b>	
<b>Data Element Name</b>	Principal Role of Health Professional
<b>Reference ID</b>	B019
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The principal role of a health professional is that in which the person usually works the most hours each week..
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Health labor force: this data element provides information on the principal professional role of respondents who currently work within the broad context/ discipline field of their profession (as determined by data element Professional labor force status). Identification of clinicians provides comparability with other labor force collections that just include clinicians.

**Codes and Values:**

1	Clinician
2	Administrator
3	Teacher/educator
4	Researcher
5	Public health/health promotion
6	Occupational health
7	Environmental health
8	Other (specify)
9	Unknown/ inadequately described

**Technical Comments:** A **clinician** is a person mainly involved in the area of clinical practice, i.e. diagnosis, care and treatment, including recommended preventative action, to patients or clients. Clinical practice may involve direct client contact or may be practiced indirectly through individual case material (as in radiology and laboratory medicine).  
**An administrator** in a health profession is a person whose main job is in an administrative capacity in the profession, e.g. directors of nursing, medical superintendents, medical advisors in government health authorities, health profession union administrators (e.g. Australian Medical Association, Australian Nurses Federation).  
**A teacher/educator** in a health profession is a person whose main job is employment by tertiary institutions or health institutions to provide education and training in the profession.  
**A researcher** in a health profession is a person whose main job is to conduct research in the field of the profession, especially in the area of clinical activity. Researchers are employed by tertiary institutions, medical research bodies, health institutions, health authorities, drug companies and other bodies.  
**Public health/health promotion, occupational health and environmental health** are specialties in medicine, and fields of practice for some other health professions. They are public health rather than clinical practice, and hence are excluded from clinical practice.

<b>Classification of Education Level for Health Labor Force</b>	
<b>Data Element Name</b>	Classification of Education Level for Health Labor Force
<b>Reference ID</b>	B020
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Education level of a person who is employed in the health industry, the highest level of education, which the person had passed successfully
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** This requires routine recording in all collections of indicators of socioeconomic status

**Codes and Values:**

01	Illiterate
02	Preparatory Diploma
03	Secondary
04	Secondary Diploma 18 month
05	Secondary Diploma 24 month
06	Secondary Diploma 36 month
07	Bachelor
08	Higher Diploma
09	Master
10	Board , fellowship
11	PhD
99	Not stated

**Technical Comments:** None

<b>Adult Height Measured</b>	
<b>Data Element Name</b>	Adult Height Measured
<b>Reference ID</b>	B021
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A person's measured height. Adult height: measured is a continuous variable measured to the nearest 0.1 cm. In order to ensure consistency in measurement, the measurement protocol described under Technical Comments should be used.
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** Public health and health care.  
 Stature is a major indicator of general body size and of bone length. It is important in screening for disease or malnutrition, and in the interpretation of weight (Lohman et al. 1988). Shortness is known to be a predictor of all cause mortality, coronary heart disease mortality in middle aged men, and of less favorable gestational outcomes in women (Marmot et al. 1984, Kramer 1988). Its main use is to enable the calculation of Adult body mass index, which requires the measurement of height and weight.

**Codes and Values:** Free text entry (the format NNN.N)  
 If measured height is not able to be collected, code 999.9.

**Technical Comments:** The measurement of height requires a vertical metric rule, a horizontal headboard, and a non-compressible flat even surface on which the subject stands. The equipment may be fixed or portable, and should be described and reported. The subject should be measured without shoes (i.e. is barefoot or wears thin socks) and wears little clothing so that the positioning of the body can be seen. The subject stands with weight distributed evenly on both feet, heels together, and the head positioned so that the line of vision is at right angles to the body. The correct position for the head is in the Frankfort horizontal plane (Norton et al. 1996). The arms hang freely by the sides. The head, back, buttocks and heels are positioned vertically so that the buttocks and the heels are in contact with the vertical board. The World Health Organization's range for height is 140-190cm.  
 Ht <140 cm  
 140 cm = Ht < 145 cm  
 145 cm = Ht < 150 cm  
 ... in 5 cm categories  
 185 cm = Ht < 190 cm  
 Ht = 190 cm

<b>Child Length / Height Measured</b>	
<b>Data Element Name</b>	Child Length / Height Measured
<b>Reference ID</b>	B022
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A person's measured height. Adult height: measured is a continuous variable measured to the nearest 0.1 cm. In order to ensure consistency in measurement, the measurement protocol described under Technical Comments should be used.
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** Public health and health care.  
Stature is a major indicator of general body size and of bone length. It is important in screening for disease or malnutrition, and in the interpretation of weight (Lohman et al. 1988). Shortness is known to be a predictor of all cause mortality.

**Codes and Values:** Free text entry (the format NNN.N)  
If measured height is not able to be collected, code 999.9.

**Technical Comments:** The measurement of length/height required a vertical or horizontal metric rule/ head board/ flat surface in which the subject stand put his head when laying.  
The subject should be measured without shoes (i.e. is barefoot or wears thin socks) and wears little clothing so that the positioning of the body can be seen. The subject stands with weight distributed evenly on both feet, heels together, and the head positioned so that the line of vision is at right angles to the body. The correct position for the head is in the Frankfort horizontal plane (Norton et al. 1996). The arms hang freely by the sides. The head, back, buttocks and heels are positioned vertically so that the buttocks and the heels are in contact with the vertical board.  
The World Health Organization's range for height is 140-190cm.  
Ht <140 cm  
140 cm = Ht < 145 cm  
145 cm = Ht < 150 cm  
... in 5 cm categories  
185 cm = Ht < 190 cm  
Ht = 190 cm

Adult Weight Measured	
<b>Data Element Name</b>	Adult Weight Measured
<b>Reference ID</b>	B023
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A person's measured weight (body mass) without any clothing or in light indoor clothes. Adult weight: measured is a continuous variable measured to the nearest 0.1 kg. In order to ensure consistency in measurement, the measurement protocol described under should be used. Technical Comments should be used.
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

- Usage and Content:** Public health and health care.  
Weight is an overall measure of body size that does not distinguish between fat and muscle. Weight is an indicator of nutrition status and health status. Low pre pregnancy weight is an indicator of poorer gestational outcome in women (Kramer 1988). Low weight is also associated with osteoporosis. In general, change in weight in adults is of interest because it is an indicator of changing health status. It is used to enable the calculation of Adult body mass index, which requires the measurement of height and weight.
- Codes and Values:** Free text entry (the format NNN.N)  
If measured weight is not able to be collected, code 999.9.
- Technical Comments:** Equipment used for Measurement should be described and reported. Scales should have a resolution of at least 0.1 kg and should have the capacity to weigh up to at least 200 kg. Measurement intervals and labels should be clearly readable under all conditions of use of the instrument. The subject stands over the center of the weighing instrument, with the body weight evenly distributed between both feet. Heavy jewelry should be removed and pockets emptied. Light indoor clothing can be worn, excluding shoes, belts, and sweater.

<b>Adult Body Mass Index - Classification</b>	
<b>Data Element Name</b>	Adult Body Mass Index - Classification
<b>Reference ID</b>	B024
<b>Data Element Type</b>	Derived Data Element
<b>Definition</b>	The category of weight deficit or excess
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health and health care.  
BMI is used as an indicator of both underweight and, overweight and obesity, in adults. On a population basis there is a strong association between BMI and health risk.

**Codes and Values:**

1	Grade 3 thinness (BMI < 16.00)
2	Grade 2 thinness (BMI 16.00-16.99)
3	Grade 1 thinness (BMI 17.00-18.49)
4	Normal range (BMI 18.50-24.99)
5	Overweight (BMI 25.00-29.99)
6	Grade 1 overweight (BMI 30.00-34.99)
7	Grade 2 overweight (BMI 35.00-44.99)
8	Grade 3 overweight (BMI > or = 45.00)

**Technical Comments:** This values classified by (WHO Expert Committee 1995; NHMRC 1984, 1985). Adopted formally by the Palestinian Health Authority.

Tobacco Smoking Status	
<b>Data Element Name</b>	Tobacco Smoking Status
<b>Reference ID</b>	B025
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A person's current and past smoking behavior.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health and health care: Smoker type is used to define sub populations of adults (age 18+ years) based on their smoking behavior. Smoking has long been known as a health risk factor. Population studies indicate a relationship between smoking and increased mortality/morbidity. This data element can be used to estimate smoking prevalence. Other uses are:  
To evaluate health promotion and disease prevention programs (assessment of interventions)  
To monitor health risk factors and progress towards National Health Goals and Targets

**Codes and Values:**

1	Smoker
2	Non smoker
3	Ex-smoker

**Technical Comments:** The above grouping subdivides a population into five mutually exclusive categories.  
**Smoker:** A person who smokes daily  
**Non-smoker:** A person who does not smoke at all.  
**Ex-smoker:** A person who does not smoke now and has smoked fewer than 100 cigarettes or similar amount of other tobacco products in his/her lifetime

<b>Tobacco Smoking-Consumption / Quantity (Cigarettes)</b>	
<b>Data Element Name</b>	Tobacco Smoking-Consumption / Quantity (Cigarettes)
<b>Reference ID</b>	B026
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The number of cigarettes (manufactured or roll-your-own) smoked per day by a person.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

- Usage and Content:** Public health and health care: The number of cigarettes smoked is an important measure of the magnitude of the tobacco problem for an individual.  
Data on quantity smoked can be used:  
To evaluate health promotion and disease prevention programs (assessment of interventions);  
To monitor health risk factors and progress towards National Health Goals and Targets;  
To ascertain determinants and consequences of smoking;  
To assess a person's exposure to tobacco smoke.
- Codes and Values:** Two digits representing the number of cigarettes smoked daily or 99 for 'not stated'.
- Technical Comments:** This data element is relevant only for persons who currently smoke cigarettes daily or at least weekly. Daily consumption should be reported, rather than weekly consumption. Weekly consumption is converted to daily consumption by dividing by 7 and rounding to the nearest whole number. Quantities greater than 98 (extremely rare) should be coded 98.

Physical Activity	
<b>Data Element Name</b>	Physical Activity
<b>Reference ID</b>	B027
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Physical effort of the body, which tends to maintain or improve fitness.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health and health care: Exercise type is used to define sub populations of adults based on their exercise behavior. Exercise has long been known as a healthy factor. Population studies indicate a relationship between exercise and decreased morbidity.

**Codes and Values:**

0	No
1	Aerobic exercise
2	Anaerobic exercise

**Technical Comments:** **Aerobic exercise:** The Type of exercise that requires oxygen, and places demands on the heart, not only to improve its condition, but also to improve the conditions of lungs and all muscles of the body.  
**Anaerobic exercise:** The type of exercise that does not require oxygen, which develops strength and bulk muscles.

Type of Diet	
<b>Data Element Name</b>	Type of Diet
<b>Reference ID</b>	B028
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A method for identifying food allergies by eliminating specific foods or types of food from the diet one at a time as designed or prescribed to improve a person's physical condition or to prevent or treat a disease
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Public health and health care.

**Codes and Values:**

01	Routine diets
02	Modified diet
03	Clear liquid diet
04	Full liquid diet
05	Soft diet
06	House diet
07	Partial vegetarian diet
08	Lactoovovegetarian diet
09	Lactovegetaian diet
10	Ovovegetarian diet
11	Vegan diet

**Technical Comments:**

**Routine diets:** The standard, routine, or progressive diets are based on the normal adequate diet, but they differ in consistency. They are used in all acute care hospitals and usually served to relatively large numbers of patients

**Modified diet:** Diet prescribed for smaller number of patients and often requires more individualized planning. It is given to patients for one or more of the following reasons:

- To maintain or restore good nutritional status
- To rest or relieve an affected organ (e.g., a soft and liquid diet in gastritis).
- To adjust to the body's ability to digest, absorb, metabolize, or excrete (e.g., lows fat diet for malabsorption).
- To adjust to tolerance of food intake by mouth (e.g., liquid diet for sore throat).
- To adjust for mechanical difficulties (e.g., soft diet for the patient without teeth).
- To increase or decrease body weight (e.g., 1200 calorie diet for obesity).
- To reduce symptoms, provide comfort to patient, and prolong life

**Clear liquid diet:**  
Is the most limited diet of all modified diet, it is used to relive thirst, provide fluids, and minimize stimulation to gastrointestinal track. Served as the initial feeding after surgery. It contains 600 – 900 kcal / day.

**Full liquid diet:**

It provides food for the patient who is unable to chew, swallow, or digest more solids foods. It is given to postoperative patients. It contains liquids in clear liquid diets in addition to other items, which are liquids at body temperature ( 37 c ) or at any lower temperature. It includes a large amount of milk and milk products.

**Soft diet:**

Is more solid than liquid diet. It contains food without strong seasoning with limited amount of fiber. If meat is ground and vegetables and fruits are pureed the diet is call pureed or strained soft diet.

**House diet:**

Is also known as general, regular or full diet. It provides 2000 – 2500 kcal / day, 60-80 gram protein, and 80-100 gram of carbohydrates for adults.

**Partial vegetarian diet:**

Diet in which patient chooses to eat fish and poultry but not beef or lamb.

**Lactoovovegetarian diet:**

Diet that contains dairy products and eggs.

**Lactovegetaian diet:**

Diet that contains milk products but not eggs.

**Ovovegetarian diet:**

Diet that contains eggs but not milk.

**Vegan diet:** Diet that contains foods of purely plants origin.

<b>Governmental Health Insurance</b>	
<b>Data Element Name</b>	Governmental Health Insurance
<b>Reference ID</b>	B029
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	The citizens have the right to receive the health services according to the fundamentals and regulations determined by the Governmental Health Insurance System. The citizens have the duty of solidarity in covering the costs of health services.
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:** None

**Technical Comments:** None

Insurance Status	
<b>Data Element Name</b>	Insurance Status
<b>Reference ID</b>	B030
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Insurance status as specified under the Ministry of Health regulation.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

1	Active
2	Cancelled
3	Reactive
4	Waiting
5	Suspended
7	Cancelled (liability reason)
8	Other

**Technical Comments:**

**Active:** Active governmental health insurance participation used for all types of health services.

**Cancelled:** Not active governmental health insurance cancelled by the order of the participant after paying all previous debt.

**Reactive:** Reactivated cancelled governmental health insurance participation after paying all the required fees.

**Waiting:** Waiting period from the time of paying the needed fees till the issuing of insurance ticket  
- *Waiting Period:* 60 days where the insurance is valid for primary and after will be valid for secondary services.

**Suspended:** Not valid insurance after stop paying fees for six months and less than one year

**Cancelled (liability reason):** Not valid insurance after stop paying fees for one year or more

Insurance Type	
<b>Data Element Name</b>	Insurance Type
<b>Reference ID</b>	B031
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of insurance setting in which the person usually insured.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

01	Voluntary
02	Social Welfare
03	Workers Union
04	Workers in Israel
05	Contracts
06	Compulsory - Municipalities
08	Compulsory Government employees
12	Free of charge
88	Others

**Technical Comments:**

**Voluntary:** A household who participate in the governmental health insurance according to their well and pay the voluntary fee witch is the maximum ceiling.

**Social welfare:** households who are registered in the Ministry of Social Welfare as hardship cases, they receive governmental health insurance participation through joint work with the health insurance department in the Ministry of Health. Ministry of Social and Welfare (Ministry of Social Welfare) pay the minimum fee on behalf of these households.

**Workers Union:** The Palestinian workers who are working inside the Gaza Strip.

**Compulsory:** the household who's their heads are civil service workers and the retired individuals, the municipalities employees added to this group, they pay 5% of their basic salary /month.

**Workers in Israel:** regular workers whose are working for more than 14 days/month. The fees deducted through Israel labor regulation and reimbursed to the P.N.A as the maximum ceiling of the health insurance contribution.

**Contracts:** self-employed household heads who are affiliated to syndicates or association and regular employees, who are working in non- governmental or private institutions, participate in the governmental health insurance as groups. They pay on contract basis, which is different according to the type of their contract.

**Others:** special contracts responding to the socio- economical and political situation with no limitation to the amount of fees.

Premium of Governmental Health Insurance	
<b>Data Element Name</b>	Premium Governmental Health Insurance
<b>Reference ID</b>	B032
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	The monthly fees that dedicated by the compulsory participation or paid by the voluntary participation
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

1	Voluntary
2	Social Welfare
3	Workers Union
4	Workers in Israel
5	Contracts
6	Compulsory – Municipalities
8	Compulsory Government employees
12	Free of charge
88	Others

**Technical Comments:**

**Voluntary:**

**Married:**

Family insurance (75 shekels).

Family insurance with accompanying (5 shekels are added monthly per every individual who is allowed to be added to the insurance according to the system).

Either parents or one of them is less than 60 years old, according to a medical report that indicates the disability (10 shekels) per each of them.

Single (50 shekels)

Single university student (20 shekels).

Participation fee and insurance card ( 60 shekels)

Fee instead of the damaged or missed health insurance card (30 shekels)

**Social Welfare:** 45 NIS/month is paid by the Ministry of Social Affairs on behalf of hardship families.

**Union Premium:** according to the negotiation, the payment between 5 NIS/month to 40 NIS/month.

**Workers in Israel:** 75 NIS/month. The fees deducted through Israel labor regulation and reimbursed to the P.N.A as the maximum ceiling of the health insurance contribution.

**Contract:** according to the negotiation between 50NIS to 75NIS for the self employed. 5% of the total salary with lower limits of 50 NIS and upper limit 75 NIS

**Compulsory Premium:** 5% of the basic salary with a lower limits of 45 NIS/month and a ceiling 75 NIS

**Others:** Emergency Premium provided by the high authority political decision makers.

<b>Specialized Treatment System (Treatment Abroad)</b>	
<b>Data Element Name</b>	Treatment Abroad
<b>Reference ID</b>	B033
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	Therapeutically services are purchasing from health centers do not belong to Ministry of Health whether they are in Palestine or abroad. The patients who are in need of particular diagnosis or treatment outside MOH institutions are referred for consultations or hospitalization are labeled " <i>Treatment Abroad Patients</i> "
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:** None

**Technical Comments:** None

<b>Type of Treatment Abroad</b>	
<b>Data Element Name</b>	Type of Treatment Abroad
<b>Reference ID</b>	B034
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The patients who are in need of particular diagnosis or treatment outside MOH institutions are referred for consultations (outpatient) or hospitalization (inpatient).
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

0	Inpatient
1	Outpatient

**Technical Comments:** None

<b>Source of Referral for Treatment Abroad</b>	
<b>Data Element Name</b>	Source of Referral for Treatment Abroad
<b>Reference ID</b>	B035
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	Means the Palestinian Authority who approves the treatment outside MOH institutions
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

1	MOH hospitals and centers
2	MOH (exceptional)
3	Not covered financial by MOH
8	Others

**Technical Comments:**

- 1- MOH hospitals and centers: Routine procedure through Medical Committee Assigned by the Minister of Health.
- 2- MOH (exceptional): Exceptional through Senior Political Level who is authorized by the Minister of Health.
- 3- Not covered financial by MOH: The procedures for referral are done by the TAO in the MOH, but the financial payment is covering by the Ministry of Finance.

<b>Place of Referral for Treatment Abroad</b>	
<b>Data Element Name</b>	Place of Referral for Treatment Abroad
<b>Reference ID</b>	B036
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	Means the Place inside or outside of Palestine where the patient receives the treatment.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

1	Gaza Strip
2	West Bank
3	East Jerusalem
4	Egypt
5	Jordan
6	Israel

**Technical Comments:** None

<b>Main Medical Procedures (Treatment Abroad)</b>	
<b>Data Element Name</b>	Main Medical Procedures (Treatment Abroad)
<b>Reference ID</b>	B037
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Medical procedure: Is a medical action done for the patient in the treating hospital or medical center. It could be surgery or any treatment by admission in the hospital, or consultation or analysis or any other investigations by ambulatory. (Source: TAO Gaza)
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** To assist in analysis of utilization and health care financing.

**Codes and Values:**

1	Cardiology
2	Heart Catheterization
3	Heart Surgery
4	Vascular Surgery
5	Chest
6	Chest Surgery
7	Internal Medicine
8	General Surgery
9	Nephrology
10	Urology
11	Infertility
12	Gynaecology & Obstetrics
13	Paediatrics
14	Paediatric Surgery
15	Endocrinology
16	Neurology
17	Neurosurgery
18	Ophthalmology
19	E.N.T.
20	ORO-Dental Surgery
21	Maxillo-Facial Surgery
22	Haematology
23	Oncology
24	Orthopaedics
25	Rehabilitation
26	Dermatology & Venereology
27	Plastic Surgery
28	Burns
29	I.C.U.
30	Isotope Scan & Nuclear Medicine
31	M.R.I.
32	C.T. Scan & Diagnostic Procedures
33	Laboratory Analysis

*For Main and sub procedures please see Annex 6*

**Technical Comments:** None

## **PART 3: HEALTH EVENT**

### **3.1 Person Event**

#### **3.1.1 Maternity**

##### **3.1.1.1 Antenatal**

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<b>Contraception: Intended Method after Delivery</b>	
<b>Data Element Name</b>	Contraception: Intended Method after Delivery
<b>Reference ID</b>	C001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The method of contraception which the couple intends to use after delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Cap or diaphragm
02	Female sterilization
03	Implant
04	Injectable contraceptive
05	Intra-uterine contraceptive device
06	Oral contraceptive - combined preparation
07	Oral contraceptive - progestogen only
08	Other chemicals (including sponge)
09	Rhythm method (safe period)
10	Sheath/condom – female
11	Sheath/condom – male
12	Vasectomy
13	Withdrawal
14	Lactating Amenorrhea Method ( LAM)
15	Not used
16	Other methods
99	Not stated

**Technical Comments:** None

<b>Contraception: Last Method before Pregnancy</b>	
<b>Data Element Name</b>	Contraception: Last Method before Pregnancy
<b>Reference ID</b>	C002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The main method of contraception used by the couple within a year before pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Cap or diaphragm
02	Female sterilization
03	Implants
04	Injectable contraceptive
05	Intra-uterine contraceptive device
06	Oral contraceptive - combined preparation
07	Oral contraceptive - progestogen only
08	Other chemicals (including sponge)
09	Rhythm method (safe period)
10	Sheath/condom – female
11	Sheath/condom – male
12	Vasectomy
13	Withdrawal
14	Lactating Amenorrhea Method ( LAM)
15	Not used
16	Other method
99	Not stated

**Technical Comments:** None

<b>Contraception: Start Date</b>	
<b>Data Element Name</b>	Contraception: Start Date
<b>Reference ID</b>	C003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The estimated date when contraception was started, as reported by the woman.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal

**Codes and Values:** Date

**Technical Comments:** If contraception has never been used, enter the value as 00/00/0000

<b>Contraception: End Date</b>	
<b>Data Element Name</b>	Contraception: End Date
<b>Reference ID</b>	C004
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The estimated date when contraception was discontinued prior to pregnancy, as reported by the woman.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal

**Codes and Values:** Date

**Technical Comments:** If contraception has never been used, enter the value as 00/00/0000

<b>Contraception: Date of Failure</b>	
<b>Data Element Name</b>	Contraception: Date of Failure
<b>Reference ID</b>	C005
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The date of failure of the contraception method. The date of the 1 <sup>st</sup> missed period while using the contraceptive method.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal: the occurrence of pregnancy while using the contraceptive method.

**Codes and Values:** Date

**Technical Comments:** If contraception has never been used, enter the value as 00/00/0000

<b>Medications in Early Pregnancy</b>	
<b>Data Element Name</b>	Medications in Early Pregnancy
<b>Reference ID</b>	C006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Any prescribed medications take by the mother during the first trimester of pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Anti-epileptics
02	Anti-hypertensive
03	Insulin
04	Steroids
05	Oral hypoglycemic
06	Oral anticoagulant
07	Oral anti-thyroid
08	Combined oral contraceptive
88	Other

**Technical Comments:** None

<b>Cervical Cytology: Result Type</b>	
<b>Data Element Name</b>	Cervical Cytology: Result Type
<b>Reference ID</b>	C007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The classification, by their results, of cytology samples analyzed in Pathology laboratories
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Inadequate sample
02	Negative
03	Atypical Cells
04	Mild dyskaryosis
05	Moderate dyskaryosis
06	Severe dyskaryosis
07	Severe dyskaryosis invasive carcinoma
08	Neoplasia
88	Other

**Technical Comments:** None

<b>First Day of the Last Menstrual Period</b>	
<b>Data Element Name</b>	First Day of the Last Menstrual Period
<b>Reference ID</b>	C008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date of the first day of the mother's last menstrual period (LMP).
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal: the first day of the LMP is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Because the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may therefore be inaccurate. Additional methods of assessing gestational age are required for analysis of outcomes.

**Codes and Values:** Date

**Technical Comments:** None

<b>Expected Date of Delivery</b>	
<b>Data Element Name</b>	Expected Date of Delivery
<b>Reference ID</b>	C009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date of completion of 40 weeks starting from the first day of the last menstrual period of the pregnant mother
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal

**Codes and Values:** Date

**Technical Comments:** None

<b>Revised Expected Date of Delivery</b>	
<b>Data Element Name</b>	Revised Expected Date of Delivery
<b>Reference ID</b>	C010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Expected date of delivery revised as a result of discrepancy between clinical and / or ultrasonic findings and the EDD calculated according to LMP
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Perinatal

**Codes and Values:** Date

**Technical Comments:** None

<b>Gestational Age: According to LMP</b>	
<b>Data Element Name</b>	Gestational Age: According to LMP
<b>Reference ID</b>	C011
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The duration of gestation is measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks (e.g. events occurring 280 completed days after the onset of the last normal menstrual period are considered to have occurred at 40 weeks of gestation).
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Perinatal

**Codes and Values:** Integer number

**Technical Comments:** WHO identifies the following categories:  
**Pre-term:** less than 37 completed weeks (less than 259 days) of gestation  
**Term:** from 37 completed weeks to less than 42 completed weeks (259 to 293 days) of gestation  
**Post-term:** 42 completed weeks or more (294 days or more) of gestation.

Revised Gestational Age	
<b>Data Element Name</b>	Revised Gestational Age
<b>Reference ID</b>	C012
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The estimated gestational age in completed weeks as determined by clinical assessment.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

- Usage and Content:** Perinatal: the first day of the LMP is required to estimate gestational age, which is a key outcome of pregnancy and an important risk factor for neonatal outcomes. Although the date of the LMP may not be known, or may sometimes be erroneous, estimation of gestational age based on clinical assessment may also be inaccurate. Both methods of assessing gestational age are required for analysis of outcomes.
- Codes and Values:** Number representing the number of completed weeks, or 99 for not stated/ unknown.
- Technical Comments:** None

<b>Medical and Surgical Conditions</b>	
<b>Data Element Name</b>	Maternal: Medical and Surgical Conditions
<b>Reference ID</b>	C013
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Any existing or previous medical and surgical conditions which may impact on the health of the mother and her baby either by complicating pregnancy and/or delivery or because the conditions themselves are aggravated by pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Abdominal surgery during pregnancy
02	Cardiac disease
03	Thromboembolic disease
04	Chronic disease requiring Corticosteroid therapy
05	Epilepsy - on treatment within last 12 months
06	Hypertension
07	Neoplastic condition
08	Mental disturbance
09	STD's
10	Renal disease – requiring regular specialist review
11	Type 1 Insulin dependent diabetes mellitus
12	Type 2 Insulin dependent diabetes mellitus
13	Uterine anomaly or previous surgery (other than C.S.)
14	Iron deficiency anemia
15	Bronchial asthma
16	Blood disease
17	Auto immune disease
88	Other

**Technical Comments:** None

<b>Medications in Early Pregnancy</b>	
<b>Data Element Name</b>	Medications in Early Pregnancy
<b>Reference ID</b>	C014
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Any prescribed medication taken by the mother during the first trimester of pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Anti-epileptics
02	Anti-hypertensive
03	Insulin
04	Steroids
05	Oral hypoglycemic
06	Oral anticoagulant
07	Oral anti-thyroid
08	Combined oral contraceptive
88	Other

**Technical Comments:** None

<b>Current Medication at Booking</b>	
<b>Data Element Name</b>	Medication: Current Medication at Booking
<b>Reference ID</b>	C015
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Any prescribed medication taken by the mother at the time of booking for antenatal care.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Anti-epileptics
02	Anti-hypertensive
03	Insulin
04	Steroids
05	Oral hypoglycemic
06	Oral anticoagulant
07	Oral anti-thyroid
08	Combined oral contraceptive
09	Anti-biotic
10	Anti-psychotics
11	Anti-depressants
88	Other

**Technical Comments:** None

<b>Previous Pregnancy: Obstetric Problems</b>	
<b>Data Element Name</b>	Previous Pregnancy: Obstetric Problems
<b>Reference ID</b>	C016
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Obstetric problems experienced during any previous pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Caesarean section
02	Instrumental vaginal delivery
03	Difficult vaginal delivery
04	Gestational trophoblastic diseases
05	Fetal life-threatening conditions
06	Maternal life-threatening conditions
07	Severe proteinuric gestational hypertension (PET)
08	Mental /psychological disturbance
09	Antepartum haemorrhage
10	Postpartum haemorrhage
11	Thrombo-embolic phenomena
12	Puerperal sepsis
13	Ectopic pregnancy
14	Obstetric trauma
88	Other
98	None

**Technical Comments:** None

<b>Current Pregnancy: Gravidity</b>	
<b>Data Element Name</b>	Current Pregnancy: Gravidity
<b>Reference ID</b>	C017
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of pregnancies the women has had, including current pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:** Free integer number

**Technical Comments:** This includes all diagnosed pregnancies regardless of gestational age and outcome. i.e. miscarriage, ectopic pregnancies, preterm ,full term, and post term deliveries.

<b>Previous Pregnancy: Parity</b>	
<b>Data Element Name</b>	Previous Pregnancy: Parity
<b>Reference ID</b>	C018
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of births including live and stillbirth the women has given.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:** Free integer number

**Technical Comments:** Parity equals the number of babies delivered regardless of the number of pregnancies the women has had. i.e. A twin delivery although comes as a result of one pregnancy counts as two deliveries (P2)

<b>Previous Pregnancy: Abortions</b>	
<b>Data Element Name</b>	Previous Pregnancy: Abortions
<b>Reference ID</b>	C019
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of abortions, both spontaneous and induced, the women has had.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:** Free integer number

**Technical Comments:** None

Previous Pregnancy: Outcome	
<b>Data Element Name</b>	Previous Pregnancy: Outcome
<b>Reference ID</b>	C020
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The outcome of each previous pregnancy
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal

**Codes and Values:**

1	Live birth
2	First trimester miscarriage
3	Second trimester miscarriage
4	First trimester termination of pregnancy
5	Second trimester termination of pregnancy
6	Still birth
7	Ectopic pregnancy
8	Molar pregnancy

**Technical Comments:** None

<b>Substance Misuse: Type</b>	
<b>Data Element Name</b>	Substance Misuse: Type
<b>Reference ID</b>	C021
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of drug use as reported by the mother.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Aerosols
02	Stimulants
03	Narcotics
04	Anxiolytics
05	Alcohol
06	Glue
07	Fuel
08	Anti-depressants
09	Methadone
88	Other
98	None

**Technical Comments:** None

<b>Ultrasound Scan Purpose: Mother</b>	
<b>Data Element Name</b>	Ultrasound Scan Purpose: Mother
<b>Reference ID</b>	C022
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reason an ultrasound scan is performed during pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Amniotic fluid assessment
02	Anomaly
03	Biophysical profile
04	Breech assessment
05	Cervical length
06	Confirmation of presentation
07	Dating
08	Fetal viability
09	Fetal growth assessment
10	Fetal intervention e.g. Amniocentesis/CVS, take sample, transfusion, ECV
11	Following vaginal bleed
12	Localization of placenta
13	Nuchal translucency
14	Placental blood flow
15	Multiple gestation
16	Sex determination
88	Other

**Technical Comments:** **CVS:** Chronic villous sampling.  
**ECV:** External cephalic version.

<b>Antenatal: Complications</b>	
<b>Data Element Name</b>	Antenatal: Complications
<b>Reference ID</b>	C023
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Complications arising during pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Abnormal Liver Function Tests
02	Chromosomal anomaly - confirmed on karyotype
03	Epileptiform fit before delivery
04	Generalized pruritis
05	Glucose Intolerance not requiring insulin
06	Glucose Intolerance requiring insulin
07	Hypertension >140/90 (MAP >105)
08	Significant infections affecting pregnancy
09	Premature labor, threatened or actual
10	Premature pre-labor rupture of membranes
11	Prolonged vomiting (hyper emesis gravid arum) requiring admission
12	Proteinuria (>= ++)
13	Recurrent Urinary Tract Infection
14	Ante partum Hemorrhage
15	Growth Restriction
16	Thrombo-embolism requiring therapeutic anticoagulants
17	Anaemia
88	Other

**Technical Comments:** None

<b>Antenatal: Medications</b>	
<b>Data Element Name</b>	Antenatal: Medications
<b>Reference ID</b>	C024
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Key types of medication administered to the woman at any time during pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

01	Antibiotics
02	Heparin
03	Insulin
04	Steroids for fetal lung maturity
05	Steroids other than for fetal lung maturity
06	Tocolytics
07	Low dose Aspirin
08	Antispasmodics
09	Antiemetics
10	Analgesics
11	Hematemetic preparation
12	Vitamins
13	Anticonvulsants
14	Antihypertensive
15	Antihistamins
88	Other

**Technical Comments:** None

<b>Anesthetic Adverse Event: Severity</b>	
<b>Data Element Name</b>	Anesthetic Adverse Event: Severity
<b>Reference ID</b>	C025
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A rating of the severity of an anesthetics adverse event or critical incident. One Royal College of Anesthetics (RCA) severity rating should be recorded per patient. If more than one adverse event occurs the most significant event should be recorded
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

1	No effect
2	Transient, abnormality not noticed by patient.
3	Transient abnormality noticed by patient
4	Potentially permanent - not disabling
5	Potentially permanent – disabling
6	Death

**Technical Comments:** None

<b>Anesthesia: Active at Delivery</b>	
<b>Data Element Name</b>	Anesthetic: Active at Delivery
<b>Reference ID</b>	C026
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The types of anesthesia active at delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labour, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

0	None
1	Combined spinal/epidural
2	Conscious sedation
3	General anesthesia
4	Local anesthetic infiltration – perineal
5	Lumbar epidural
6	Nerve block – pudendal
7	Spinal
8	Other
9	Unknown

**Technical Comments:** None

<b>Anesthesia: Consultation Type</b>	
<b>Data Element Name</b>	Anesthesia: Consultation Type
<b>Reference ID</b>	C027
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of anesthetic consultation where a patient-anesthetist interaction occurs in the absence of a physical intervention.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

1	Antenatal
2	Intrapartum
3	Postnatal

**Technical Comments:** None

<b>Anesthesia: Problems</b>	
<b>Data Element Name</b>	Anesthetic: Problems
<b>Reference ID</b>	C028
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records any problem with anesthesia at any time.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labour, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

01	Accidental dural puncture
02	Anaphylaxis
03	Aspiration of gastric contents
04	Awareness or recall under GA
05	Backache
06	Cardio-pulmonary arrest
07	Cholinesterase deficiency
08	Drug error
09	Equipment failure
10	Excessively high regional block (including total spinal)
11	Failed intubation
12	Laryngeal spasm following extubation
13	Failed regional anesthesia (including conversion to general anesthesia)
14	Hemorrhage (more than 500 ml)
	Sever hypertension during intubation or extubation (elevation of DBP $\geq$ 20 mmHg)
15	Hypotension $>20$ mm Hg decrease in systolic blood pressure
16	Hypoxia
17	Local anesthetic toxicity
18	Malignant hyperpyrexia
19	Neurological deficit
20	Organizational error
21	Pain during regional anesthetic Caesarean Section
22	Post dural puncture headache
23	Unexpected ICU admission
24	Urinary retention
25	Other

**Technical Comments:** None

<b>Anesthesia: General Anesthesia for Caesarean: Reason</b>	
<b>Data Element Name</b>	Anesthesia: General Anesthesia for Caesarean: Reason
<b>Reference ID</b>	C029
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reasons why a general anesthetic is administered for a caesarean.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labour, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

1	Anesthetist's preferred technique
2	Unsuitable for regional block
3	Previous history of regional block complications
4	Failed regional block
5	Insufficient time for regional block
6	Obstetric considerations
7	Maternal request
8	Other
9	Unknown

**Technical Comments:** None

<b>Anesthesia: Given Post Labor/Delivery</b>	
<b>Data Element Name</b>	Anesthesia: Given Post Labour/Delivery
<b>Reference ID</b>	C030
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The types of anesthesia administered to a woman post labor/delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention.

**Codes and Values:**

0	None
1	Combined spinal/epidural
2	Conscious sedation
3	General anesthesia
4	Local anesthetic infiltration - perineal
5	Lumbar epidural
6	Nerve block – pudendal
7	Spinal
8	Other
9	Unknown

**Technical Comments:** None

<b>Anesthesia: Interventions (Procedures)</b>	
<b>Data Element Name</b>	Anesthesia: Interventions (Procedures)
<b>Reference ID</b>	C031
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of anesthetic intervention undertaken by the anesthetist not directly related to anesthesia.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention.

**Codes and Values:**

1	Arterial catheter
2	Central venous catheter
3	Epidural blood patch
4	Investigation or treatment
8	Other

**Technical Comments:** None

<b>Anesthesia: Regional Anesthesia for Caesarean: Reason</b>	
<b>Data Element Name</b>	Anesthesia: Regional Anesthesia for Caesarean: Reason
<b>Reference ID</b>	C032
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reasons why regional anesthesia is administered for a caesarean section.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention.

**Codes and Values:**

1	Anesthetist's preferred technique
2	More suitable than general anesthesia
3	Labor epidural catheter in situ
4	Maternal request
5	Obstetric considerations
6	Previous history of general anesthetic complications
8	Other
9	Unknown

**Technical Comments:** None

<b>Anesthetist: Grade of Anesthetist Present</b>	
<b>Data Element Name</b>	Anesthetist: Grade of First Anesthetist Present
<b>Reference ID</b>	C033
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The grade of the attending anesthetist
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

1	Consultant
2	Senior Specialist
3	Specialist
4	Senior Registrar
5	Registrar
6	Senior House Officer (SHO)/ Resident
8	Other
9	Unknown

**Technical Comments:** None

<b>Analgesia Administered During Labor</b>	
<b>Data Element Name</b>	Analgesia Administered During Labor
<b>Reference ID</b>	C034
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Agents administered to the mother by injection or inhalation to relieve pain during labor and delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: anesthetic use may influence the duration of labor, may affect the health status of the baby at birth and is an indicator of obstetric intervention

**Codes and Values:**

1	None
2	Nitrous oxide / Oxygen
3	Narcotics analgesia
4	Epidural
8	Other
9	Unknown

**Technical Comments:** None

<b>Type of Labor Induction</b>	
<b>Data Element Name</b>	Types of Labor Induction
<b>Reference ID</b>	C035
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The methods used for the induction of labor.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal statistics: A type of induction determines the progress and duration of labor and may influence the method of delivery and the health status of the baby at birth.

**Codes and Values:**

0	None
1	Oxytocin
2	ARM
3	ARM and oxytocin
4	Prostaglandins E2
5	Mifepristone
6	Misoprostol
8	Other

**Technical Comments:** More than one method of induction can be recorded, except where 0=none applies.

Type of Augmentation of Labor	
<b>Data Element Name</b>	Type of Augmentation of Labor
<b>Reference ID</b>	C036
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The method of augmentation used during labor. Action may be taken to augment the contractions when a diagnosis of delay in labor has been made
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: type of augmentation determines the progress and duration of labor and may influence the method of delivery and the health status of the baby at birth.

**Codes and Values:**

0	None
1	Oxytocin
2	Artificial rupture of membranes
3	Artificial rupture of membranes and oxytocin
8	Other

**Technical Comments:** None

Method of Birth	
<b>Data Element Name</b>	Method of Birth
<b>Reference ID</b>	C037
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The method of complete expulsion or extraction from its mother of a product of conception.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal statistics: the method of delivery may affect the health status of the mother and the baby at birth and during the postpartum period.

**Codes and Values:**

1	Spontaneous vaginal
2	Vacuum extraction
3	Forceps
4	Vaginal breech
5	Caesarean section
8	Other
9	Unknown

**Technical Comments:** In a vaginal breech with forceps to the after coming head, code as vaginal breech.

<b>Presentation at Birth</b>	
<b>Data Element Name</b>	Presentation at Birth
<b>Reference ID</b>	C038
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Presenting part of the fetus (at lower segment of uterus) at delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal statistics: presentation types other than vertex are associated with higher rates of caesarean section, instrumental delivery, perinatal mortality and neonatal morbidity.

**Codes and Values:**

1	Cephalic ( Vertex )
2	Breech
3	Shoulder
4	Brow
5	Face
6	Compound
8	Other
9	Unknown

**Technical Comments:** None

Genital Tract: Trauma	
<b>Data Element Name</b>	Genital Tract: Trauma
<b>Reference ID</b>	C039
<b>Data Element Type</b>	Data Element
<b>Definition</b>	An assessment of the genital tract immediately following delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal

**Codes and Values:**

00	No trauma
01	Episiotomy
02	First degree tear
03	Second degree tear
04	Third degree tear
05	Fourth degree tear
06	Vaginal tear
07	Labial tear
08	Para urethral tear
09	Cervical tear
10	Rupture uterus
11	Graze/bruise
12	Haematoma
99	Unknown

**Technical Comments:**

**Cervical tear:** tear to the cervix.

**Episiotomy:** a surgical incision equivalent to a second degree tear.

**First degree tear:** perineal laceration, involving the skin of the fourchette.

**Second degree tear:** involving the skin of the fourchette, perineum and perineal body.

**Third degree tear:** involving the skin of the fourchette, perineum, perineal body and anal sphincter

**Fourth degree tear:** as third degree plus involving anal mucosa

**Vaginal tear:** tear to the vaginal wall.

**Labial tear:** not requiring suturing

**Graze/bruise:** not requiring suturing

<b>Live Birth</b>	
<b>Data Element Name</b>	Live Birth
<b>Reference ID</b>	C040
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	A live birth is defined by the World Health Organization to be the complete expulsion or extraction from the mother of a baby, irrespective of the duration of the pregnancy which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of the voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** Perinatal

**Codes and Values:** None

**Technical Comments:** None

<b>Birth Outcome: Live or Stillbirth</b>	
<b>Data Element Name</b>	Birth Outcome: Live or Stillbirth
<b>Reference ID</b>	C041
<b>Data Element Type</b>	Data Element
<b>Definition</b>	An indicator of whether a birth is a live, stillbirth or neonatal death. A stillbirth is a birth after a gestation of 24 weeks (168 days) where the baby shows no identifiable signs of life at delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal

**Codes and Values:**

1	Live
2	Stillbirth antepartum
3	Stillbirth indeterminate
4	Stillbirth intrapartum

**Technical Comments:** **Stillbirth antepartum** - where intrauterine death was confirmed prior to the onset of labor.  
**Stillbirth indeterminate** - where it is not known whether the fetus was alive at the onset of labor  
**Stillbirth intrapartum** - where the fetus was known to be alive at the onset of labor.

<b>Time of Delivery</b>	
<b>Data Element Name</b>	Time of Delivery
<b>Reference ID</b>	C042
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The time of delivery for each registerable birth.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Useful for linkage to birth files, and useful for same reasons as the birth date. It is recognized that this information may be difficult to obtain from hospital providers.

**Codes and Values:** Time format. Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. There should be no colon in the field when used for export purposes. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

Birth Plurality	
<b>Data Element Name</b>	Birth Plurality
<b>Reference ID</b>	C043
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The total number of births resulting from this pregnancy.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal statistics: multiple pregnancies increase the risk of complications during pregnancy; labor and delivery are associated with higher risk of perinatal morbidity and mortality.

**Codes and Values:**

1	Singleton
2	Twins
3	Triplets
4	Quadruplets
8	Other
9	Unknown

**Technical Comments:** Plurality of a pregnancy is determined by the number of live births or by the number of fetuses that remain in utero at 20 weeks gestation and that are subsequently born separately. In multiple pregnancies, or if gestational age is unknown, only live births of any birth weight or gestational age, or fetuses weighing 400 g or more, are taken into account in determining plurality. Fetuses aborted before 20 completed weeks or fetuses compressed in the placenta at 20 or more weeks are excluded.

Birth Order	
<b>Data Element Name</b>	Birth Order
<b>Reference ID</b>	C044
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The order of each baby of a multiple birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal statistics: required to analyze pregnancy outcome according to birth order and identify the individual baby resulting from a multiple birth pregnancy. Multiple births have higher risks of perinatal mortality and morbidity. Multiple birth pregnancies are often associated with obstetric complications, labor and delivery complications, higher rates of neonatal morbidity, low birth weight, and a higher perinatal death rate.

**Codes and Values:**

1	First of a multiple birth
2	Second of a multiple birth
3	Third of a multiple birth
4	Fourth of a multiple birth
8	Other
9	Unknown

**Technical Comments:** None

Intended Place of Delivery	
<b>Data Element Name</b>	Intended Place of Delivery
<b>Reference ID</b>	C045
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The mother's initial intention for place of delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: used to analyze the risk factors and outcomes by place of birth. While most deliveries occur within hospitals an increasing number of births now occur in other settings. It is important to monitor the births occurring outside hospitals and to ascertain whether or not the actual place of delivery was planned.

**Codes and Values:**

01	MOH/Government hospital
02	Private hospital
03	NGO's hospital
04	MOH/PHC – Delivery unit
05	UNRWA/PHC – Delivery unit
06	NGO's/PHC – Delivery unit
07	Private clinic (Doctor)
08	Home
88	Other
99	Unknown

**Technical Comments:** None

Actual Place of Birth	
<b>Data Element Name</b>	Actual Place of Birth
<b>Reference ID</b>	C046
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The actual place of delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: used to analyze the risk factors and outcomes by place of birth. While most deliveries occur within hospitals an increasing number of births now occur in other settings. It is important to monitor the births occurring outside hospitals and to ascertain whether or not the actual place of delivery was planned.

**Codes and Values:**

01	MOH/Government hospital
02	Private hospital
03	NGO's hospital
04	MOH/PHC – Delivery unit
05	UNRWA/PHC – Delivery unit
06	NGO's/PHC – Delivery unit
07	Private clinic (Doctor)
08	Home
10	In transit e.g ambulance, private car
88	Other
99	Unknown

**Technical Comments:** None

<b>Reason of Change Place of Delivery</b>	
<b>Data Element Name</b>	Reason of Change Place of Delivery
<b>Reference ID</b>	C047
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reason why the actual place of delivery is different from the place originally intended, either in type of place or geographically
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal

**Codes and Values:**

1	Decision made after onset of labor for clinical reasons.
2	Decision made after onset of labor for other reasons.
3	Decision made before onset labor for clinical reasons.
4	Decision made before onset labor for other reasons.
5	Occurred unintentionally after onset of labor.
8	Other
9	Un known

**Technical Comments:** None

<b>Birth Attendant: Practitioner Type</b>	
<b>Data Element Name</b>	Birth Attendant: Practitioner Type
<b>Reference ID</b>	C048
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of practitioner conducting the delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

01	Consultant obstetrician
02	Senior specialist
03	Specialist
04	Senior registrar
05	Registrar
06	Senior House Officer (SHO)
07	General Practitioner (GP)
08	House officer
09	Medical student
10	Midwife
11	Student midwife
12	Obstetric nurse
13	Student nurse
14	Paramedic
15	Traditional Birth Attendant (TBA/Daya)
88	Other
00	None

**Technical Comments:** None

<b>Delivery: Person Supervision</b>	
<b>Data Element Name</b>	Delivery: Person Supervision
<b>Reference ID</b>	C049
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The person who is supervising the delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

00	None
01	Consultant obstetrician
02	Senior specialist
03	Specialist
04	Senior registrar
05	Registrar
06	Senior House Officer (SHO)
07	General Practitioner (GP)
08	Midwife
09	Obstetric nurse
88	Other

**Technical Comments:** None

Complication of Labor and Delivery	
<b>Data Element Name</b>	Complication of Labor and Delivery
<b>Reference ID</b>	C050
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Complications experienced by the mother during or in the immediate post delivery period.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal statistics: complications of labor and delivery may cause maternal morbidity and may affect the health status of the baby at birth.

**Codes and Values:**

01	Delay in first stage of labor - any cause
02	Delay in second stage of labor - any cause
03	Cord prolapse or presentation
04	Ante Partum Hemorrhage due to abruption of placenta (concealed or revealed)
05	Ante Partum Hemorrhage ( cause unidentified )
06	Ante Partum Hemorrhage ( placenta praevia )
07	Maternal pyrexia
08	Malpresentation e.g. breech, transverse
09	Malposition e.g. brow, face
10	Sepsis
11	Failed attempted instrumental or interventional vaginal delivery
12	Maternal genital tract trauma
13	Anaemia
14	Post partum hemorrhage
15	Retained placenta or placental tissues
16	Amniotic fluid embolism
17	Thrombo embolism
18	Cardiopulmonary arrest
19	Intra or post partum collapse ( unidentified cause )
20	Epileptiform fit including eclampsia
21	Laparotomy excluding Caesarean Section
22	Psychotic or severe mental health disorder requiring treatment with psychotropic medications
23	Renal failure
24	Clotting defect
25	Severe proteinuric hypertension
26	Acute diabetic complication ( including diabetic ketoacidosis and hypoglycaemic shock )
88	Other
99	Unknown

**Technical Comments:** None

<b>Delivery: Shoulder Dystocia</b>	
<b>Data Element Name</b>	Delivery: Shoulder Dystocia
<b>Reference ID</b>	C051
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records difficulty in delivery of the shoulders of the baby.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** None

**Codes and Values:**

0	None
1	Moderate
2	Severe

**Technical Comments:** No delay in delivery of shoulders  
**Moderate:** Delay in shoulders less than two minutes, no assistance called, no fetal damage expected  
**Severe:** Significant delay or assistance required or fetal damage expected/confirmed

Postnatal Problems	
<b>Data Element Name</b>	Postnatal Problems
<b>Reference ID</b>	C052
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Problems experienced by the mother during the postnatal period.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

00	None
01	Puerpural sepsis
02	Secondary post partum hemorrhage
03	Infected / broken episiotomy or perineal laceration
04	Piles
05	Constipation
06	Thrombo embolism
07	Urinary tract infection
08	Urinary incontinence
09	Faecal incontinence
10	Pelvic musculoskeletal complication
11	Psychotic or severe mental health disorder
88	Other

**Technical Comments:** None

<b>Breast Problems</b>	
<b>Data Element Name</b>	Breast Problems
<b>Reference ID</b>	C053
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Breast problems experienced by the mother during the postnatal period.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

00	None
01	Mastitis
02	Breast abscess
03	Breast engorgement
04	Fissured / sore nipples
05	Inverted nipples
88	Other

**Technical Comments:** None

<b>Anti-D Immunization: Administration</b>	
<b>Data Element Name</b>	Anti-D Immunization: Administration
<b>Reference ID</b>	C054
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether a Rhesus negative mother has received anti-D gamma globulin. Usually given within 72 hours of delivery or during pregnancy following invasive procedures and following any vaginal bleeding or abdominal trauma. May also be given as prophylactic measure during pregnancy
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** None

**Codes and Values:**

1	Given
2	Required but not given
3	Not required
4	Declined by mother
8	Other

**Technical Comments:** None

<b>Anti-D: Immunization: Reason</b>	
<b>Data Element Name</b>	Anti-D Immunization: Reason
<b>Reference ID</b>	C055
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reason why Anti-D immunization is administered to a woman.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

1	Following amniocentesis/CVS
2	Following antepartum bleed
3	Following termination of pregnancy
4	Following miscarriage
5	Following external cephalic version
6	Following other invasive procedures
7	After delivery as indicated
8	Prophylactic during the third trimester
88	Other

**Technical Comments:** None

<b>Rubella: Vaccination of Mother Postnatally</b>	
<b>Data Element Name</b>	Rubella: Vaccination of Mother Postnatally
<b>Reference ID</b>	C056
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether a mother has received Rubella vaccination in the postnatal period
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** None

**Codes and Values:**

1	Given
2	Required but not given
3	Not required
4	Declined by mother
8	Other

**Technical Comments:** None

<b>Post-Delivery: Transfer of Mother</b>	
<b>Data Element Name</b>	Post-Delivery: Transfer of Mother
<b>Reference ID</b>	C057
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of location to which a mother is transferred following delivery.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** None

**Codes and Values:**

01	Home
02	Maternity ward
03	To other hospital
04	To other hospital in accompany with her refered bady.
05	Intensive care in the same hospital
06	To intensive care in another hospital
07	Not transferred e.g. already at home
08	Psychiatric care - mother and baby unit
09	Died
88	Other

**Technical Comments:** None

Apgar Score	
<b>Data Element Name</b>	Apgar Score
<b>Reference ID</b>	C058
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Numerical score to evaluate the baby's condition at 1, 5 or 10 minute after birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: required to analyze pregnancy outcome, particularly after complications of pregnancy, labor and birth. The Apgar score is an indicator of the health of a baby.

<b>Codes and Values:</b>	<b>Color</b>
0	Blue, pale
1	Body pink, extremities blue
2	Completely pink
	<b>Heart rate</b>
0	Absent
1	Slow (below 100)
2	Over 100
	<b>Muscle tone</b>
0	Limp
1	Some flexion of extremities
2	Active motion – extremities well flexed
	<b>Reflex Irritability</b>
0	No response
1	Grimace
2	Cry
	<b>Respiratory Effort</b>
0	Absent
1	Weak cry – slow, irregular
2	Good – strong cry

**Technical Comments:** The score is based on the five characteristics of color, heart rate, muscle tone, reflexes and respiratory effort. The maximum or best score being 10.

<b>Apgar Score at 1 Minute</b>	
<b>Data Element Name</b>	Apgar Score At 1 Minute
<b>Reference ID</b>	C059
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Numerical score to evaluate the baby's condition at 1 minute after birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: required to analyze pregnancy outcome, particularly after complications of pregnancy, labor and birth. The Apgar score is an indicator of the health of a baby.

**Codes and Values:** Apgar score (00–10), or 99 (not stated)

**Technical Comments:** The score is based on the five characteristics of color, heart rate, muscle tone, reflexes and respiratory effort. The maximum or best score being 10.

Apgar Score at 5 Minutes	
<b>Data Element Name</b>	Apgar Score At 5 Minutes
<b>Reference ID</b>	C060
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Numerical score to evaluate the baby's condition at 5 minutes after birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: required to analyze pregnancy outcome, particularly after complications of pregnancy, labor and birth. The Apgar score is an indicator of the health of a baby.

**Codes and Values:** Apgar score (00–10), or 99 (not stated)

**Technical Comments:** The score is based on the five characteristics of color, heart rate, muscle tone, reflexes and respiratory effort. The maximum or best score being 10.

Apgar Score at 10 Minutes	
<b>Data Element Name</b>	Apgar Score At 10 Minutes
<b>Reference ID</b>	C061
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Numerical score to evaluate the baby's condition at 10 minutes after birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

- Usage and Content:** Perinatal: required to analyze pregnancy outcome, particularly after complications of pregnancy, labor and birth. The Apgar score is an indicator of the health of a baby.
- Codes and Values:** Apgar score (00–10), or 99 (not stated)
- Technical Comments:** The score is based on the five characteristics of color, heart rate, muscle tone, reflexes and respiratory effort. The maximum or best score being 10.

Apgar Score at 20 Minutes	
<b>Data Element Name</b>	Apgar Score At 20 Minutes
<b>Reference ID</b>	C062
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Numerical score to evaluate the baby's condition at 20 minutes after birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

- Usage and Content:** Perinatal: required to analyze pregnancy outcome, particularly after complications of pregnancy, labor and birth. The Apgar score is an indicator of the health of a baby.
- Codes and Values:** Apgar score (00–10), or 99 (not stated)
- Technical Comments:** The score is based on the five characteristics of color, heart rate, muscle tone, reflexes and respiratory effort. The maximum or best score being 10.

Birth Weight	
<b>Data Element Name</b>	Birth Weight
<b>Reference ID</b>	C063
<b>Data Element Type</b>	Data Element
<b>Definition</b>	<p>The weight of the baby immediately following delivery recorded in grams to the nearest gram and measured within the first hour of life.</p> <p>The World Health Organization further defines the following categories:</p> <ul style="list-style-type: none"> <li>- Extremely low birth weight: less than 1,000 g (up to and including 999 g)</li> <li>- Very low birth weight: less than 1,500 g (up to and including 1,499 g)</li> <li>- Low birth weight: less than 2,500 g (up to and including 2,499 g)</li> <li>- Normal weight: 2,500g – 4,000g.</li> <li>- Over weight: over 4,000g.</li> </ul>
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants with low birth weight (less than 2,500 grams) and very low birth weight (less than 1,500 grams) have substantially increased the survival rate for these infants and have led to concerns about the demands their care places upon their families and society. The dollar cost of the resources used disproportionately to care for low birth weight children is one measure of the burden of low birth weight."

**Codes and Values:** 4-digit field representing the weight in grams

**Technical Comments:** For live births, birth weight should preferably be measured within the first hour of life before significant postnatal weight loss has occurred.

The definitions of low, very low, and extremely low birth weight do not constitute mutually exclusive categories. Below the set limits they are all-inclusive and therefore overlap (i.e. low includes very low and extremely low, while very low includes extremely low).

Neonatal Weight	
<b>Data Element Name</b>	Neonatal Weight
<b>Reference ID</b>	C064
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The weight of the baby recorded in grams to the nearest gram and recorded at any time other than Birth Weight within the first 28 days of life.
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** Perinatal: "Medical and technological advances in the care and growth of infants.

**Codes and Values:** 4-digit field representing the weight in grams

**Technical Comments:** None

<b>Head Circumference: at Birth</b>	
<b>Data Element Name</b>	Head Circumference: at Birth
<b>Reference ID</b>	C065
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The occipito-frontal circumference of a baby's head measured within first hour of life.
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Perinatal: "Medical and technological advances in the care and growth of infants.

**Codes and Values:** Positive decimal field representing the head circumference in centimeters

**Technical Comments:** None

Ultrasound Scan: Baby	
<b>Data Element Name</b>	Ultrasound Scan: Baby
<b>Reference ID</b>	C066
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The part of the baby subject to an ultrasound scan.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Abdomen
2	Heart
3	Hip(s)
4	Skull
8	Other

**Technical Comments:** None

<b>Urine: Number of Hour Passed by the Baby</b>	
<b>Data Element Name</b>	Urine: Number of Hour Passed by the Baby
<b>Reference ID</b>	C067
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of hour since delivery on which the baby is first observed to have passed urine.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

<b>Meconium: Number of Hours Passed by the baby</b>	
<b>Data Element Name</b>	Meconium: Number of Hours Passed the Baby
<b>Reference ID</b>	C068
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of hours on which the baby first passes meconium.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

<b>Hip Examination Baby: Method</b>	
<b>Data Element Name</b>	Hip Examination Baby: Method
<b>Reference ID</b>	C069
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The method used to examine a baby's hips.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Physical examination (Barlow's test)
2	Ultrasound
3	X – ray
8	Other

**Technical Comments:** None

Hip Examination Baby: Result	
<b>Data Element Name</b>	Hip Examination Baby: Result
<b>Reference ID</b>	C070
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The result of a baby's hip examination
<b>Data Type</b>	Alpha
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

AR	Abnormal – right side
AB	Abnormal – both sides
AL	Abnormal – left side
DR	Doubtful – right side
DB	Doubtful – both sides
DL	Doubtful – left side
NE	No examination
NR	Normal – right side
NB	Normal – both sides
NL	Normal – left side

**Technical Comments:** None

Suspected Congenital Anomaly	
<b>Data Element Name</b>	Suspected Congenital Anomaly
<b>Reference ID</b>	C071
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether or not a congenital anomaly is suspected
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** None

Special Care Baby Unit: Source of Admission	
<b>Data Element Name</b>	Special Care Baby Unit: Source of Admission
<b>Reference ID</b>	C072
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The source of admission for a baby admitted to the Special Care Baby Unit
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** None

**Codes and Values:**

1	Born at this hospital
2	Transferred from another hospital after birth
3	Born before arrival
4	In utero transfer
5	Home delivery
6	Non- hospital delivery unit
9	Unknown

**Technical Comments:** None

<b>Baby: on Oxygen at 36 Weeks Corrected Gestational Age</b>	
<b>Data Element Name</b>	Baby: on Oxygen at 36 Weeks Corrected Gestational Age
<b>Reference ID</b>	C073
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether a baby is still receiving oxygen therapy at 36 weeks corrected gestational age.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** None

<b>Baby: Respiratory Support: Number of Days</b>	
<b>Data Element Name</b>	Baby: Respiratory Support: Number of Days
<b>Reference ID</b>	C074
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Total number of days of ventilation via a tracheal tube (excludes CPAP), at any rate and of any type (excluding resuscitation). Any period of ventilation in 24 hours constitutes a day. The 24 hour period runs from midnight to midnight; however, units may use any other 24 hour period e.g. 9am to 9am, as long as this remains consistent. Recorded at discharge.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

<b>Continuous Positive Airways Pressure (CPAP): Baby Number of Days</b>	
<b>Data Element Name</b>	Continuous Positive Airways Pressure (CPAP): Baby Number of Days
<b>Reference ID</b>	C075
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Total number of days of CPAP via any route and of nasopharyngeal ventilation. Any use of CPAP in 24 hours where ventilation has not been used constitutes a day
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** The 24 hour period runs from midnight to midnight; however, units may use any other 24 hour period, e.g. 9am to 9am, as long as this remains consistent. Usually recorded at discharge

<b>Exchange Blood Transfusion: Number of Days since Delivery</b>	
<b>Data Element Name</b>	Exchange Blood Transfusion: Number of Days since Delivery
<b>Reference ID</b>	C076
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Number of days since delivery on which a baby is given an exchange blood transfusion (excluding dilutional exchange)
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

<b>Phototherapy to Baby: First 10 Days</b>	
<b>Data Element Name</b>	Phototherapy to Baby: First 10 Days
<b>Reference ID</b>	C077
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Any phototherapy given to the baby within the first 10 days of life regardless of period of treatment.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** None

<b>Resuscitation after Birth: Intubation Time (Baby)</b>	
<b>Data Element Name</b>	Resuscitation after Birth: Intubation Time (Baby)
<b>Reference ID</b>	C078
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The actual time of intubation of a baby.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Time format. Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** None

Resuscitation Drugs Used: Baby	
<b>Data Element Name</b>	Resuscitation Drugs Used: Baby
<b>Reference ID</b>	C079
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The drugs used for resuscitation of the newborn at delivery
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Adrenaline
2	Glucose
3	Naloxone
4	Sodium bicarbonate
5	Calcium gloconate
8	Other

**Technical Comments:** None

Resuscitation of Baby at Birth: Staff Involved	
<b>Data Element Name</b>	Resuscitation of Baby at Birth: Staff Involved
<b>Reference ID</b>	C080
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The staff involved in resuscitation of the baby wherever birth and/or resuscitation takes place. The period of resuscitation will be recorded for a maximum of 30 minutes, or less if cardio-respiratory stability is achieved or death occurs.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

01	Consultant pediatrician /neonatologist
02	Pediatric registrar
03	Pediatric senior house officer
04	Obstetrician
05	Midwife
06	Anesthetist
07	Nurse practitioner
08	Paramedic
09	Traditional birth attendant
88	Other

**Technical Comments:** None

Resuscitation of Baby: Method	
<b>Data Element Name</b>	Resuscitation of Baby: Method
<b>Reference ID</b>	C081
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The methods of resuscitation used for the baby at birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

01	Intermittent Positive Pressure Ventilation via bag-and-mask
02	Intermittent Positive Pressure Ventilation via tracheal tube
03	Oxygen only
04	Oxygen plus suction
05	Suction only
06	Tracheal suction
07	Tracheal ventilation with tracheal suction
08	Tracheal ventilation without tracheal suction
00	None
99	Not known
88	Other

**Technical Comments:** None

<b>Steroids: to Baby After Birth: Number of Days</b>	
<b>Data Element Name</b>	Steroids: to Baby after Birth: Number of Days
<b>Reference ID</b>	C082
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The total number of days after birth that steroids are administered to the baby
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

<b>Steroids: to Baby: Age at First Dose</b>	
<b>Data Element Name</b>	Steroids: to Baby: Age at First Dose
<b>Reference ID</b>	C083
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The age of a baby when the first dose of steroids is administered. Recorded in days.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Positive integer

**Technical Comments:** None

Surfactant Replacement Therapy	
<b>Data Element Name</b>	Surfactant Replacement Therapy
<b>Reference ID</b>	C084
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether surfactant replacement therapy is used.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Used
2	Not used
3	Not needed
9	Unknown

**Technical Comments:** None

<b>Vitamin K (Prophylactic): Administration</b>	
<b>Data Element Name</b>	Vitamin K (Prophylactic): Administration
<b>Reference ID</b>	C085
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether Vitamin K is administered to the baby immediately after birth
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Given
2	Not given – clinical reasons
3	Not given – other reasons
4	Declined by parents

**Technical Comments:** None

<b>Vitamin K (Prophylactic): Administered</b>	
<b>Data Element Name</b>	Vitamin K (Prophylactic): Administered
<b>Reference ID</b>	C086
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Vitamin K is administered to the neonate within 48 hours
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** None

<b>Vitamin K (Prophylactic): Route of Administration</b>	
<b>Data Element Name</b>	Vitamin K (Prophylactic): Route of Administration
<b>Reference ID</b>	C087
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The route by which Vitamin K is administered to the neonate.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Intra-muscular
2	Intravenous
3	Oral

**Technical Comments:** None

<b>Baby: Routine Blood Tests for Metabolic Disorders</b>	
<b>Data Element Name</b>	Baby: Routine Blood Tests for Metabolic Disorders
<b>Reference ID</b>	C088
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Records whether routine blood tests for metabolic disorders such as phenylketonuria, hypothyroidism have been carried out.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** None

Baby: Birth Trauma	
<b>Data Element Name</b>	Baby: Birth Trauma
<b>Reference ID</b>	C089
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Trauma to the baby occurring during birth.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Bruising
2	Cephalhaematoma
3	Cuts from surgical procedures
4	Fractures
5	Pressure effects
6	Superficial skin trauma
7	Vascular accidents
8	Other

**Technical Comments:** None

Early Onset Neonatal Encephalopathy	
<b>Data Element Name</b>	Early Onset Neonatal Encephalopathy
<b>Reference ID</b>	C090
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The presence of an early onset neonatal encephalopathy. Usually recorded at discharge.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:**

1	Grade 2 early onset encephalopathy
2	Grade 3 early onset encephalopathy
3	None/normal
4	Other
5	Unknown

**Technical Comments:** None

<b>Jaundice: Highest Level Within First 10 Days of Life (baby)</b>	
<b>Data Element Name</b>	Jaundice: Highest Level within First 10 Days of Life (baby)
<b>Reference ID</b>	C091
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The highest level of jaundice in a baby within the first 10 days of life. Measured by serum bilirubin and recorded as mg/dl.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Perinatal: "Medical and technological advances in the care of infants.

**Codes and Values:** Mg/dl.

**Technical Comments:** None

### **3.1 Person Event**

#### **3.1.2 Death Event**

Neonatal Death	C092	143
Stillbirth (Foetal death)	C093	144
Cause of Death	C094	145
Death Date	C095	146
Death Time	C096	147
Death Place	C097	148
Maternal Death Indicator	C098	149

Neonatal Death	
<b>Data Element Name</b>	Neonatal Death
<b>Reference ID</b>	C092
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	The death of a live birth which occurs during the first 28 days of life. This may be subdivided into early neonatal deaths, occurring during the first seven days of life, and late neonatal deaths, occurring after the seventh day but before 28 completed days of life. (International Classification of Diseases, 10 <sup>th</sup> Revision, WHO, 1992)
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** None

**Codes and Values:** None

**Technical Comments:** Age at death during the first day of life (day zero) should be recorded in units of completed minutes or hours of life. For the second (day one), third (day two) and through 27 completed days of life, age at death should be recorded in days (WHO 1992).

<b>Stillbirth (Foetal death)</b>	
<b>Data Element Name</b>	Stillbirth (Foetal death)
<b>Reference ID</b>	C093
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	A foetal death prior to the complete expulsion or extraction from its mother of a product of conception of after 22 completed weeks of gestation or at least 500 g birth weight; the death is indicated by the fact that after such separation the foetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** None

**Codes and Values:** None

**Technical Comments:** The WHO definition of live birth, do not specify any lower limit for gestational age or birth weight. In practice, live born fetuses of less than 20 weeks' gestation are infrequently registered as live births. In analyzing data from the perinatal collections, it is recommended that the same criteria of gestational age and birth weight should be used for live births and stillbirths. Births for which gestational age and birth weight have not been recorded (usually occurring outside hospitals) should be included in the perinatal collections if it seems likely that the criteria have been met. Terminations of pregnancy performed at gestational ages of 20 or more weeks should be included in perinatal collections and should be recorded either as stillbirths or, in the unlikely event of showing evidence of life, as live births.

Cause of Death	
<b>Data Element Name</b>	Cause of Death
<b>Reference ID</b>	C094
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The cause of death to be entered on the medical certificate of cause of death are all those diseases , morbid conditions or injuries which either resulted in or contributed to death and the circumstances of the accident or violence which produced any such injuries.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	4

**Usage and Content:**      **Underlying cause of death:** the underlying cause of death is (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury.  
**Contributory causes of death** are more relevant, eg. diabetes in the case of myocardial infarction, malnutrition in the case of measles, or alcohol intake in the case of motor vehicle accident.

**Codes and Values:**      ICD10

**Technical Comments:**      None

<b>Death Date</b>	
<b>Data Element Name</b>	Death Date
<b>Reference ID</b>	C095
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The date of death of the person
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Extremely valuable for probabilistic linkage and calculation of accurate survival age information.

**Codes and Values:** Date format should be coded DD-MM-YYYY, and is recommended for data export purposes. Century digits are essentially.

**Technical Comments:** Format DDMMYYYY is recommended as part of Middle East standard.

Death Time	
<b>Data Element Name</b>	Death Time
<b>Reference ID</b>	C096
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The time of Death of the person.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** None

**Codes and Values:** Time format. Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** None

<b>Death Place</b>	
<b>Data Element Name</b>	Death Place
<b>Reference ID</b>	C097
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The place of death of the person
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Location type of the death event is important for epidemiological studies.

**Codes and Values:**

01	Hospital
02	Home / Residence
03	Farm
04	Industrial place and premises
05	Place for recreation or sport
06	Street
07	Public building
08	Educational institution
88	Other
99	Unknown

**Technical Comments:** None

<b>Maternal Death Indicator</b>	
<b>Data Element Name</b>	Maternal Death Indicator
<b>Reference ID</b>	C098
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Identifies whether the death was related to a pregnancy. Specifically, this includes: The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental cause.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This indicator estimates the proportion of pregnant women who die from causes related to or aggravated by the pregnancy or its management.

Relevance to Sustainable/Unsustainable Development: The MMR reflects the risk to mothers during pregnancy and childbirth and is influenced by the following factors: general socioeconomic conditions; unsatisfactory health conditions preceding the pregnancy; incidence of the various complications of pregnancy and childbirth; availability and utilization of health care facilities, including prenatal and obstetric care.

Monitoring MMRs is particularly useful for policy making and decisions regarding the accessibility to and the quality of prenatal and obstetric care.

Linkages to Other Indicators: This indicator is closely linked with infant mortality rate, contraceptive prevalence, and health care expenditures.

**Codes and Values:**

0	No
1	Yes

**Technical Comments:** “Yes” if the death was judged to be a maternal death;  
“No” if the death was not a maternal death.

### 3.2 HEALTH SERVICE EVENT

Health Service Event	
<b>Data Element Name</b>	Health Service Event
<b>Reference ID</b>	D001
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	<p>A health service event is one of either:</p> <p><b>Ambulatory care event:</b> A contact between a healthcare user and a health agency which involves an attendance at a healthcare facility. Note: it does not involve an admission or discharge. It includes contact with a GP, medical specialist, house surgeon or registrar where the patient visits the healthcare facility.</p> <p><b>Hospital inpatient event:</b> A contact between a healthcare user and a health agency which involves the healthcare user being admitted and discharged.</p> <p><b>Community care event:</b> A contact between a healthcare user and health agency at any place not defined as a healthcare facility. Note: it includes home visits, place of recreation, place of education.</p>
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** None

**Codes and Values:** None

**Technical Comments:** None

### **3.2.1 Ambulatory Care Event**

#### **3.2.1.1 Primary Health Care Event**

Date Patient Presents	D002	152
Time Patient Presents	D003	153
Date of Last Contact for Care Episode	D004	154
Patient Eligibility Status	D005	155
Listing Date for Care	D006	156
Patient Service Type – PHC	D007	157
Type of Clinic Service Attendance	D008	158
Major Diagnostic Categories in PHC	D009	159
Principal Diagnosis in PHC	D010	160

<b>Date Patient Presents</b>	
<b>Data Element Name</b>	Date Patient Presents
<b>Reference ID</b>	D002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The Date on which the patient/client presents for the delivery of a service.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Collection of the date of each service contact with health service providers allows a description or profile of service utilization by a person or persons during an episode of care. Requires services to record the date of each service contact, including the same date where multiple visits are made on one day (except where the visits may be regarded as a continuation of the one service contact).

**Codes and Values:** Date format. Must be coded DD-MM-YYYY. The latter permits. Century digits are mandatory

**Technical Comments:** None

<b>Time Patient Presents</b>	
<b>Data Element Name</b>	Time Patient Presents
<b>Reference ID</b>	D003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The time at which the patient presents for the delivery of a service. The service is defined as commencing when a health care professional first takes responsibility for the patient/client's care.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Collection of the time of each service contact with health care professional allows a description or profile of service utilization by a health care professional during an episode of care.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Date of Last Contact for Care Episode</b>	
<b>Data Element Name</b>	Date of Last Contact for Care Episode
<b>Reference ID</b>	D004
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date of the last contact between a staff member of the Primary Health Care service and a person in any setting for the same episode.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** To enable analysis of time periods throughout a care episode, especially the bereavement period. This date has been included in order to capture the end of a care episode.

**Codes and Values:** Date format. Must be coded DD-MM-YYYY. The latter permits. Century digits are mandatory

**Technical Comments:** None

<b>Patient Eligibility Status</b>	
<b>Data Element Name</b>	Patient Eligibility Status
<b>Reference ID</b>	D005
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The patient's eligibility for medical care as specified under the regulation of health insurance.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Non-admitted patient care: to facilitate analyses of ambulatory utilization and policy relating to health care financing.

**Codes and Values:**

1	Insured
2	Not insured
8	Other

**Technical Comments:** None

<b>Listing Date for Care</b>	
<b>Data Element Name</b>	Listing Date for Care
<b>Reference ID</b>	D006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The date on which a Primary Health Care (PHC) service accepts notification that a patient/client requires care/treatment.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Patient care

**Codes and Values:** Date format. Must be coded DD-MM-YYYY. The latter permits. Century digits are mandatory

**Technical Comments:** The acceptance of the notification by the primary health care service is conditional upon the provision of adequate information about the patient and the appropriateness of the patient referral.

<b>Patient Service Type - PHC</b>	
<b>Data Element Name</b>	Patient Service Type - PHC
<b>Reference ID</b>	D007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of clinical service provided to a non-admitted patient in a PHC patient service event.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Ambulatory patient care: to facilitate analyses of ambulatory utilization and policy relating to health care financing.

**Codes and Values:**

<b>A00</b>	<b>Internal Medicine</b>
A01	Cardiology
A05	Dermatology
A10	Endocrinology
A15	Gastro Entrology and Hepatology
A25	Infectious diseases
A40	Pulmonology
<b>B00</b>	<b>Psychaitry</b>
<b>C00</b>	<b>General Practice</b>
<b>Y00</b>	<b>Ophthalmoloy</b>
<b>M00</b>	<b>Radiology &amp; Imaging</b>
<b>T00</b>	<b>Dental</b>
<b>R00</b>	<b>Reporductive Health Services</b>
R01	Antenatal
R05	Post Natal
R10	Family Planning and Infertility
R15	Well Women Care
R20	Neonatal Care
<b>V00</b>	<b>Health Education Services</b>
<b>H00</b>	<b>School Health</b>
<b>U00</b>	<b>Nutrition</b>

**Technical Comments:** None

Type of Clinic Service Attendance	
<b>Data Element Name</b>	Type of Clinic Service Attendance
<b>Reference ID</b>	D008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A new ambulatory patient service event is one for a problem not previously addressed at the same clinical service. All other ambulatory patient service events are repeat service events.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Ambulatory patient care.

**Codes and Values:**

1	New visit
2	Repeat visit

**Technical Comments:** **New visit** occur as each type of clinical service makes their full assessment consultation with the patient.  
**Repeat visits** include completion of an ambulatory procedure, e.g. removal of sutures and removal of plaster casts.

<b>Major Diagnostic Categories in PHC</b>	
<b>Data Element Name</b>	Major Diagnostic Categories in PHC
<b>Reference ID</b>	D009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Major Diagnostic Categories are 17 mutually exclusive categories into which all possible principal diagnosis fall. This preliminary partitioning into Major Diagnostic Categories occurs before a diagnosis is assigned.
<b>Data Type</b>	Alpha
<b>Field Size</b>	1

**Usage and Content:** Major diagnostic category in PHC assigned by a principal diagnosis in PHC.

**Codes and Values:**

A	General & Unspecified
B	Diseases of the blood
D	Diseases of the digestive system
F	Diseases of the eye
H	Diseases of the ear
K	Diseases of the circulatory system
L	Locomotor
N	Neurological
P	Psychological
R	Diseases of the respiratory system
S	Diseases of the skin
T	Endocrine, metabolic, & nutritional
U	Urinary system
W	Pregnancy
X	Female genital
Y	Male genital
Z	STD's

**Technical Comments:** None

<b>Principal Diagnosis in PHC</b>	
<b>Data Element Name</b>	Principle Diagnosis in PHC
<b>Reference ID</b>	D010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in attendance at the primary health care facility.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Health services: the principal diagnosis in PHC is one of the most valuable health data elements. It is used for epidemiological research, case mix studies and planning purposes.

**Codes and Values:** Principal Diagnosis in PHC (Annex 3)

**Technical Comments:** Each episode of non-admitted patient care must have a principal diagnosis and may have additional diagnoses. The diagnosis can include a disease, condition, injury, poisoning, sign, symptom, abnormal finding, complaint, or other factor influencing health status

### **3.2.1 Ambulatory Care Event**

#### **3.2.1.2 Hospital Health Care Event**

Non-Admitted Patient Service Event	D011	162
Non-Admitted patient Service Type	D012	163
Date of Attendance Accident &Emergency (A&E) Department	D013	165
Time of Attendance (A&E Dept.)	D014	166
Source of Referral to Accident &Emergency Department	D015	167
Patient Presentation at the Emergency Department	D016	168
Accident and Emergency Diagnosis	D017	169
Accident and Emergency Investigations	D018	170
Accident and Emergency Treatment	D019	171
Departure Status	D020	172
Time of Departure (A&E Dept.)	D021	173

<b>Non-Admitted Patient Service Event</b>	
<b>Data Element Name</b>	Non-Admitted Patient Service Event
<b>Reference ID</b>	D011
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	An interaction between one or more health care professionals with one or more non-admitted patients, for assessment, consultation and/or treatment.
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** Hospital non-admitted patient care: This definition applies to non-admitted hospital patients and is not intended to apply to community based services.

**Codes and Values:** None

**Technical Comments:** None

<b>Non-Admitted patient Service Type</b>	
<b>Data Element Name</b>	Non-Admitted Patient Service Type
<b>Reference ID</b>	D012
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of clinical service provided to a non-admitted patient in a non-admitted patient service event.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Hospital non-admitted patient care: This definition applies to non-admitted hospital patients and is not intended to apply to community based services.

**Codes and Values:**

<b>A00</b>	<b>Internal Medicine</b>
A01	Cardiology and Coronary Care Unit (CCU)
A05	Dermatology
A10	Endocrinology
A15	Gastro Entrology and Hepatology
A20	Hematology and Oncology
A25	Infectious diseases
A30	Nephrology
A35	Neurology
A40	Pulmonology
A45	Rheumatology
<b>B00</b>	<b>Psychaitry</b>
<b>C00</b>	<b>General Practice</b>
<b>D00</b>	<b>Endoscopy Unit</b>
<b>E00</b>	<b>Anesthesia</b>
<b>ENT</b>	Ear Nose Throat
<b>G00</b>	Gynecology & Obstetrics
<b>H00</b>	<b>School Health</b>
<b>ICU</b>	Intensive Care Unit
<b>M00</b>	<b>Radiology &amp; Imaging</b>
<b>N00</b>	<b>Clinical Pathology</b>
N01	Histopathology
N05	Microbiology
N10	Hematology
N15	Biochemistry
<b>P00</b>	<b>Pediatrics</b>
P01	Pediatric Intensive Care Unit (PICU)
P05	Special Care Baby Unit (SCBU)
<b>R00</b>	<b>Reporductive Health Services</b>
R01	Antenatal
R05	Post Natal
R10	Family Planning and Infertility
R15	Well Women Care
R20	Neonatal Care
<b>S00</b>	<b>Surgery</b>
S01	Cardio thoracic Surgery

S05	Endoscopic surgery
S10	Facio maxillary Surgery
S15	General surgery
S20	Neuro surgery
S25	Orthopedic Surgery
S30	Pediatric Surgery
S35	Plastic & Reconstructive Surgery
S40	<b>Transplant surgery</b>
S45	Urology
S50	Vascular Surgery
<b>T00</b>	<b>Dental</b>
<b>U00</b>	<b>Nutrition</b>
<b>V00</b>	<b>Health Education Services</b>
Y00	Ophthalmology

**Technical Comments:** None

<b>Date of Attendance Accident &amp; Emergency (A&amp;E) Department</b>	
<b>Data Element Name</b>	Date of Attendance Accident & Emergency (A&E) Department
<b>Reference ID</b>	D013
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date on which a non-admitted patient commences an episode of care.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:** Date format should be coded DD-MM-YYYY, and is recommended for data export purposes. Century digits are Essentially.

**Technical Comments:** Format DD-MM-YYYY is recommended as part of Middle East standard.

<b>Time of Attendance (A&amp;E Dept.)</b>	
<b>Data Element Name</b>	Time of Attendance (A&E Dept.)
<b>Reference ID</b>	D014
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time at which a non-admitted patient commences an episode of care.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Hospital non-admitted patient care: Required to identify the time of commencement of the episode of hospital care, for calculation of waiting times and length of care.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Source of Referral to Accident &amp; Emergency Department</b>	
<b>Data Element Name</b>	Source of Referral to Accident & Emergency Department
<b>Reference ID</b>	D015
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Source from which the person was transferred/referred to the accident & emergency department.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

1	Self-referral
2	PHC referral
3	Transferred from another hospital
4	Transferred from private doctor.
5	Brought by other.
8	Others

**Technical Comments:** None

<b>Patient Presentation at the Emergency Department</b>	
<b>Data Element Name</b>	Patient Presentation at the Emergency Department
<b>Reference ID</b>	D016
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The reason the patient presents to the Emergency Department.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

1	Emergency presentation.
2	Non emergency presentation.
3	Dead on arrival.

**Technical Comments:**

**Emergency presentation:** Attendance for an actual or suspected condition which is sufficiently serious to require acute unscheduled care.

**Non emergency presentation:** Attendance of condition with is not sufficiently serious.

**Dead on arrival:** a patient who is dead on arrival at the Emergency Department

<b>Accident and Emergency Diagnosis</b>	
<b>Data Element Name</b>	Accident and Emergency Diagnosis
<b>Reference ID</b>	D017
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A broad classification of types of diagnoses which may be made as a result of accident and emergency attendances
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

A01	Laceration
A02	Contusion/abrasion
A03	Soft tissue inflammation
A04	Head injury
A05	Dislocation/fracture/joint injury/amputation
A06	Sprain/ligament injury
A07	Muscle/tendon injury
A08	Nerve injury
A09	Vascular injury
A10	Burns and scalds
A11	Electric shock
A12	Foreign body
A13	Bites/stings
A14	Poisoning (including overdose)
A15	Near drowning
A16	Visceral injury
E17	Infectious disease
E18	Local infection
E19	Septicaemia
E20	Cardiac conditions
E21	Cerebro-vascular conditions
E22	Other vascular conditions
E23	Haematological conditions
E24	Central Nervous System conditions (excluding strokes)
E25	Respiratory conditions
E26	Gastrointestinal conditions
E27	Urological conditions (including cystitis)
E28	Obstetric conditions
E29	Gynaecological conditions
E30	Diabetes and other endocrinological conditions
E31	Dermatological conditions
E32	Allergy (including anaphylaxis)
E33	Facio-maxillary conditions
E34	ENT conditions
E35	Psychiatric conditions
E36	Ophthalmological conditions
E37	Social problem (includes chronic alcoholism and homelessness)
888	Diagnosis not classifiable
999	Nothing abnormal detected

**Technical Comments:** None

<b>Accident and Emergency Investigations</b>	
<b>Data Element Name</b>	Accident and Emergency Investigations
<b>Reference ID</b>	D018
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A broad classification of types of investigations which may be requested to assist in diagnosis at the accident and emergency attendances.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

1	Basic lab test
2	Imaging
3	Blood transfusion
4	ECG
9	Other

**Technical Comments:** None

<b>Accident and Emergency Treatment</b>	
<b>Data Element Name</b>	Accident and Emergency Treatment
<b>Reference ID</b>	D019
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A broad classification of types of treatment or guidance which may be provided to a patient at the accident and emergency department.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

01	Dressing
02	Bandage
03	Sutures
04	Wound closure, other
05	Fixation
06	Prescription
07	Removal foreign body
08	Manipulation
09	Incision & Drainage( I&D )
10	Cannulation
11	Lavage/Emesis
12	Intubation
13	Chest drain
14	Urinary catheter
15	Defibrillation/pacing
16	Resuscitation
17	Minor surgery
18	Observation
19	Guidance
20	Anesthesia
21	Sedation and analgesic
22	Tetanus prophylaxis
23	Blood transfusion
24	Parenteral fluid therapy
25	Oxygen therapy
26	Other immunization and antidote
27	Nebuliser
28	Parenteral drugs
88	Other
00	None

**Technical Comments:** None

Departure Status	
<b>Data Element Name</b>	Departure Status
<b>Reference ID</b>	D020
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The status of the patient on departure from the Emergency Department.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Hospital non-admitted patient care: Required for analysis of Emergency Department services.

**Codes and Values:**

1	Admitted to hospital or to an observation area within the accident emergency department.
2	Emergency department service event completed, departed under own care.
3	Transferred to another hospital.
4	Transferred to PHC
5	Did not wait to be attended.
6	Left at own risk against medical advised.
7	Died in Emergency Department.
8	Dead on arrival.

**Technical Comments:** None

<b>Time of Departure (A &amp; E Dept.)</b>	
<b>Data Element Name</b>	Time of Departure (A&E Dept.)
<b>Reference ID</b>	D021
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time at which a non-admitted patient departed from the accident and emergency department
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Hospital non-admitted patient care: Required to identify the time of departed of the accident and emergency department, for calculation of waiting times and length of stay.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

### 3.2.2 Pre-Hospital Emergency Medical Services (EMS)

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<b>Incident Address (Locality)</b>	
<b>Data Element Name</b>	Incident Address (Locality)
<b>Reference ID</b>	E001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	City, village, or refuge camp (if applicable) where patient was found or to which unit responded (or best approximation)
<b>Data Type</b>	Numeric
<b>Field Size</b>	6

**Usage and Content:** Provides city, village or refuge location of incident, which can be used to determine the appropriate level of EMS resources for specific areas. In addition, this field may facilitate probabilistic linkage to crash reports from the same city, or to hospitals within the same city. Field may be used for local city reports, permitting local understanding of the impact of EMS.

**Codes and Values:** Concatenation of:  
 NN Governorate  
 NNNN Locality

**Technical Comments:** The Standard Geographical Classification Locality is reported using a six digit numerical code. The first two digits is the code to indicate Governorate. The remaining four digits are the numerical code for the Locality within the Governorate as defined in the Palestinian Standard Geographical Classification Locality.

Location Type	
<b>Data Element Name</b>	Location Type
<b>Reference ID</b>	E002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Type of location of incident
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Location type of the incident is important for epidemiologists who are interested in injury prevention, as well as planners deciding where to allocate resources. Information will also be useful for administrators who are responsible for specific types of locations, such as schools.

**Codes and Values:**

01	Home / Residence
02	Farm
03	Industrial place and premises
04	Place for recreation or sport
05	Street
06	Public building
07	Residential institution
08	Educational institution
09	Water
10	Air
11	Confrontation site
88	Other
99	Unknown

**Technical Comments:** None

Onset Date	
<b>Data Element Name</b>	Onset Date
<b>Reference ID</b>	E003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date of onset of symptoms or injury.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** This date may differ from the date of the EMS response, and is considered important to provide linkages to other data files such as crash files, and to provide information concerning how long it takes individual patient or families to obtain pre-hospital care. For example, if a crash occurs and 3 days later the patient decides he isn't feeling better, he may call EMS at that date. Another example is the patient who calls EMS with chest pain that has been present of 3 week duration.

**Codes and Values:** Date format. Must be coded DD-MM-YYYY. The latter permits sorting across multiple years, and is recommended for data export purposes. Century digits are mandatory

**Technical Comments:** None

Onset Time	
<b>Data Element Name</b>	Onset Time
<b>Reference ID</b>	E004
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time of onset of symptoms or injury.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Useful for linkage time to injury and useful for same reasons as the onset date. It is recognized that this information may be difficult to obtain from pre-hospital providers.

**Codes and Values:** Time format. Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time Incident Reported</b>	
<b>Data Element Name</b>	Time Incident Reported
<b>Reference ID</b>	E005
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time call which firstly received by EMS
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Provides the start point of the EMS response, and allows managers to assess the adequacy of EMS response, identify delays, and plan resources in a manner to provide expeditious EMS response.

**Codes and Values:** Time format. Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

Time of EMS Arrival at Scene	
<b>Data Element Name</b>	Time of EMS Arrival at Scene
<b>Reference ID</b>	E006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time of EMS arrives to the scene
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** This data element is desirable in certain situations in which there may be a significant delay between the time at which a response unit arrives at the scene. For example, if the EMTs are prevented because of fire or adverse conditions from approaching the patient, this time will differ. Search and rescue operations will also note delays between arrival at the overall scene and the actual patient contact. For EMS agencies that encounter such situations, this data element is recommended

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time of EMS Arrival at Patient</b>	
<b>Data Element Name</b>	Time of EMS Arrival at Patient
<b>Reference ID</b>	E007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time response at which personnel establish direct contact with patient
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** This data element is desirable in certain situations in which there may be a significant delay between the time at which a response unit arrives at the scene and the time at which the personnel can access the patient. For example, if the EMTs are prevented because of fire or adverse conditions from approaching the patient, this time will differ. Search and rescue operations will also note delays between arrival at the overall scene and the actual patient contact. For EMS agencies that encounter such situations, this data element is recommended

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time EMS Unit Left the Scene</b>	
<b>Data Element Name</b>	Time EMS Unit Left the Scene
<b>Reference ID</b>	E008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time when the response unit begins physical motion the from scene
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Permits calculation of scene time by subtracting the time of arrival at scene or the time of arrival at patient.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field width for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time of EMS Arrival at Destination</b>	
<b>Data Element Name</b>	Time of EMS Arrival at Destination
<b>Reference ID</b>	E009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time when patient arrives at EMS unit
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Permits calculation of the time required going from the scene to the destination of the response unit.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field width for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time when EMS is Back in Service</b>	
<b>Data Element Name</b>	Time when EMS is Back in Service
<b>Reference ID</b>	E010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time response when unit is back in service and available for response
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Allows planning of EMS resources. Permits assessment of the delay between arrival at destination and availability of the response unit

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field width for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Lights and Sirens to Scene</b>	
<b>Data Element Name</b>	Lights and Sirens to Scene
<b>Reference ID</b>	E011
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The use of lights and sirens enroute to scene
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** The purpose of this data element was to allow system administrators to know the frequency with which responder vehicles are using lights and sirens. Such usage carries explicit risks and EMS managers are responsible to assure that lights and sirens are used appropriately.

**Codes and Values:**

1	Emergent, with lights and sirens
2	Non emergent, lights no sirens
9	Not applicable

**Technical Comments:** None

<b>Patient Case Record (PCR) Number</b>	
<b>Data Element Name</b>	Patient Case Record Number
<b>Reference ID</b>	E012
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Unique number for each patient case record (PCR).
<b>Data Type</b>	Numeric
<b>Field Size</b>	6

**Usage and Content:** Unique number for a patient case record.

**Codes and Values:** Numeric

**Technical Comments:** None

<b>Crew Member Teams</b>	
<b>Data Element Name</b>	Crew Member Teams
<b>Reference ID</b>	E013
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Personnel certification / license level of whole crew member team
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This data element assess expected level of care available by the whole specific rescue team.

**Codes and Values:**

1	A paramedic only without an ambulance
2	Of other health care professionals without ambulance
3	a paramedic only with an ambulance
4	Physician and a paramedic / midwife without an ambulance
5	Of other health care professionals with ambulance
6	A physician and a paramedic / midwife with an ambulance
9	Unknown

**Technical Comments:** None

<b>Destination / Transferred To</b>	
<b>Data Element Name</b>	Destination / Transferred To
<b>Reference ID</b>	E014
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Health Care Facility or Hospital that received patient from EMS responder providing this record
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This data element will allow reporting by destination facilities, and allows linking when a patient is transferred between EMS responder agencies. Not applicable would be selected when there is no patient.

**Codes and Values:**

1	Free standing clinic
2	Hospital
7	Not applicable
8	Other

**Technical Comments:** None

<b>Lights and Sirens from Scene</b>	
<b>Data Element Name</b>	Lights and Sirens from Scene
<b>Reference ID</b>	E015
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Use of lights and/or sirens from the scene
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** The purpose of this data element was to allow system administrators to know the frequency with which responder vehicles are using lights and sirens. Such usage carries explicit risks and EMS managers are responsible to assure that lights and sirens are used appropriately.

**Codes and Values:**

1	Emergent, with lights and sirens
2	Non-emergent, lights with no sirens
9	Not applicable

**Technical Comments:** None

<b>Incident / Patient Disposition</b>	
<b>Data Element Name</b>	Incident / Patient Disposition
<b>Reference ID</b>	E016
<b>Data Element Type</b>	Data Element
<b>Definition</b>	End result of EMS response
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This data element will allow reports to be generated according to the final disposition of EMS responses. This will provide information about the reasons for which EMS is notified, correlated with the ultimate incident disposition. For instance, it will be of value to know that in certain regions, EMS is frequently activated to see patients who require no treatment or transport. It is anticipated that reports generated from this data element may be of use in coordinating the dispatch and responder functions as well.

**Codes and Values:**

1	Treated and transported
2	Treated and transferred
3	Treated, transported by private vehicle
4	Treated and released
5	No treatment required
6	Patient refused care
7	Dead at scene
8	Canceled
9	Unknown

**Technical Comments:** **Treated and transported**  
this code means that the EMS responder providing the data record treated and transported the patient. Transport may be to any valid destination, as defined for the destination data element. If the EMS responder transports a patient to a rendezvous point with another EMS responder (for instance, a ground crew rendezvous with a helicopter based agency), this is the correct code for this data element.

**Treated and transferred**  
this code means that the EMS responder provided treatment at the scene but the patient was transferred into the care of another service. The EMS responder did not provide transport in this instance. For example, if a BLS provider is at a scene and treats a patient, but a separate ALS responder arrives and takes over, the BLS record would indicate this code. If an EMS responder treats a patient who is then transported by a separate police or fire vehicle, this is the correct code for the EMS responder record.

**Treated, transported by private vehicle**

this code means that the EMS responder provided treatment, but the patient was transported to his or her destination by a private vehicle. This includes instances in which the patient transports himself via private automobile, if the EMS responder understands that the patient is going to seek further medical care, such as at a private doctor's office or the local emergency department.

**Treated and released**

this code means that the EMS responder provided treatment, and the patient required no further emergency care. This is distinct from the instance in which the patient is known to be in need of further care, but is transported by himself or others to the facility providing further care.

**No treatment required**

this code means that the EMS responder evaluated the patient, and no treatment was required. If the patient refused evaluation, or if the EMS responder did not evaluate a specific patient, this is not the correct code for this data element.

**Patient refused care**

patient was at scene and refused care, whether injured or not. If the EMS responder knows that there is an injury, but the patient refuses care and is transported by friends or acquaintances, this is still the correct code for this data element.

**Dead at scene**

this code means that the patient was pronounced dead at the scene, whether or not treatment was undertaken. If a patient is given CPR at the scene and transported to the hospital while undergoing CPR, then this is not the correct code. If a patient is given CPR and is then pronounced dead at the scene, this is the correct code.

**Canceled**

this code means that the EMS response was cancelled en route or on scene.

**Unknown**

this code is used when the data is being recorded on the run report at a time different than the actual incident, and there is no way to reconstruct the proper response. In general, this data element should very rarely be coded as unknown.

<b>Chief Complaint</b>	
<b>Data Element Name</b>	Chief Complaint
<b>Reference ID</b>	E017
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Statement of medical problem by patient or other person
<b>Data Type</b>	Alpha
<b>Field Size</b>	Free text lines

- Usage and Content:** The data element may be useful, particularly with sophisticated text searching algorithms, for analysis of certain types of EMS incidents. Difficulties of categorization and interpretation were the primary reasons for labeling this item as desirable rather than essential.  
The data element may be of use in correlating the perception of patients who utilize the EMS system with the objective outcome of the run. This information could be of use in directing public educational efforts concerning health or EMS use
- Codes and Values:** Free text description of the patient's problem, usually in the words of the patient or witnesses. May be coded as unknown when this information cannot be obtained (for instance, a comatose patient, or a patient injured without witnesses). If there is no patient, such as in a standby call, this should be coded as not applicable.
- Technical Comments:** If the element is collected, then it is important to consistently code unknown and not applicable when the chief complaint is not present.

Cause of Injury	
<b>Data Element Name</b>	Cause of Injury
<b>Reference ID</b>	E018
<b>Data Element Type</b>	Data Element
<b>Definition</b>	External cause of injury
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** It is necessary to have a broad taxonomy for defining the external causes of injury, and this data element is coded according to the ICD-10 codes. When possible, the External cause code should be defined in as much detail as is present in the External cause code definitions. Such codes will always be collapsible to the categories defined here, but the added detail will provide additional value to injury prevention researchers.

It has been traditional to attempt to assign a single External cause code to individual incidents and allowing multiple entries, however, in order to gather better detail about injuries, and to eliminate confusion when the EMS provider must choose between two reasonable External cause codes.

**Codes and Values:**

01	Motor vehicle traffic accident
02	Pedestrian traffic accident
03	Motor vehicle non-traffic accident
04	Bicycle accident
05	Water transport accident
06	Aircraft related accident
07	Accidental drug poisoning
08	Accidental chemical poisoning
09	Falls
10	Burn (Chemical, Physical)
11	Smoke inhalation
12	Excessive heat
13	Excessive cold
14	Venomous stings (plants, animals)
15	Bites
16	Drowning
17	Mechanical suffocation
18	Machinery accidents
19	Electrocution (non-lightning)
20	Radiation exposure
21	Firearm injury (accidental)
22	Firearm assault
23	Firearm self inflicted (intentional)
24	Rape
25	Stabbing assault
26	Child battering
27	Operation of war

28	Explosive injury
29	Natural accident
78	Not applicable
99	Unknown

**Technical Comments:** This data element is based on external cause of injury codes, but the coding structure is intended to be more flexible. Additional categories for not applicable and unknown have been added, so that this data element can always be filled in on the database.  
If health care providers wish to collect additional specific field values for this data element, they should adhere to the External Causes code listing in ICD-10.

**Motor vehicle traffic accident**

this includes any motor vehicle accident occurring on a public roadway or highway.

**Pedestrian traffic accident**

Motor vehicle accidents in which the patient was a pedestrian struck by a motor vehicle of any type. Includes individuals on skates, in baby carriages, in wheelchairs, on skateboards, skiers, etc.

**Motor vehicle non-traffic accident**

this includes any motor vehicle accident occurring entirely off public roadways or highways. For instance, an accident involving an all terrain vehicle (ATV) in an off-road location would be a non-traffic accident.

**Bicycle accident**

Includes any pedal cycle accident. Pedal cycle is defined to include bicycles, tricycles, and excludes any motorized cycles.

**Water transport accident**

Includes all accidents related to watercraft. Excludes drowning and submersion accidents unless they are related to watercraft use. Thus, if a person falls out of a boat and drowns, it should be coded within this category. If a person drowns in a swimming pool or bathtub, it should be coded as E910.x (see below).

**Aircraft related accident**

Includes spacecraft.

**Accidental drug poisoning**

Includes accidental poisoning by drugs, medicinal substances, or biological products. Extensive codes are available if an agency wishes to collect specific information.

**Accidental chemical poisoning**

Includes accidental poisoning by solid or liquid substances, gases, and vapors, which are not included under accidental drug poisoning.

**Falls**

Excludes falls which occur in the context of other external causes of injury, such as fires, falling off boats, or falling in accidents involving machinery

**Fire and flames**

Includes burning by fire, asphyxia or poisoning from conflagration or ignition, and fires secondary to explosions. Excludes injuries related to machinery in operation, vehicle accidents, and arson.

**Smoke inhalation**

Includes smoke and fume inhalation from conflagration.

**Excessive heat**

Includes thermal injuries related to weather or heat produced by man, such as in a boiler room or factory. Excludes heat injury from conflagration.

**Excessive cold**

Includes cold injury due to weather exposure, or cold produced by man, such as in a freezer.

**Venomous stings (plants, animals)**

Includes bites and stings from venomous snakes, lizards, spiders, scorpion, insects, marine life, or plants.

**Bites**

Includes animal bites, including non-venomous snakes and lizards.

**Drowning**

Accidental drowning not related to watercraft use. Includes swimming accidents, bathtubs, etc.

**Mechanical suffocation**

Includes suffocation in bed or cradle (crib death), closed space suffocation, plastic bag asphyxia, accidental hanging, etc.

**Machinery accidents**

Includes all machinery accidents except when machinery is not in operation. Excludes electrocution.

**Electrocution (non-lightning)**

Includes accidents related to electric current from exposed

wire, faulty appliance, high voltage cable, live rail, or open electric socket. Excludes lightning

**Radiation exposure**

Excludes complications of radiation therapy.

**Firearm injury (accidental)**

**Firearm assault**

**Firearm self inflicted (intentional)**

These codes refer to firearm injuries.

**Stabbing assault**

Includes cuts, punctures, or stabs of any part of the body.

**Child battering**

Includes all forms of child battering and non-accidental injury to children.

**Not applicable**

This code is not an official E code, and should be entered in any case where an external injury code is not applicable, such as when a patient suffers from chest pain or fever. In nearly all instances where an injury has occurred, this data element should be filled in with a valid E code, not a not applicable designation.

**Unknown**

This code is provided primarily for situations in which the data is being entered at a time when the information cannot be accurately reconstructed from the run record. This should be a rare entry.

Provider Impression	
<b>Data Element Name</b>	Provider Impression
<b>Reference ID</b>	E019
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Provider's clinical impression which led to the management given to the patient (treatments, medications, procedures)
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** This data element contains the single clinical assessment, which primarily drove the actions of the EMS responder. It should be possible to determine whether the treatment or medications provided match protocols that relate to the clinical impression. When more than one choice is applicable to a patient, the responder should indicate the single most important clinical assessment that drove most of the plan of therapy and management.

**Codes and Values:**

01	Abdominal pain / problems
02	Airway obstruction
03	Allergic reaction
04	Altered level of consciousness
05	Behavioral / psychiatric disorder
06	Cardiac arrest
07	Cardiac rhythm disturbance
08	Chest pain / discomfort
09	Diabetic symptoms
10	Electrocution
11	Hyperthermia
12	Hypothermia
13	Shock
14	Inhalation injury (toxic gas)
15	Obvious death
16	Poisoning / drug ingestion
17	Pregnancy / OB delivery / Gyne Problem
18	Respiratory arrest
19	Respiratory distress
20	Seizure
21	Sexual assault / rape
22	Smoke inhalation
23	Stings / venomous bites
24	Stroke / CVA
25	Syncope / fainting
26	Traumatic injury
27	Hemorrhage
28	Burns
78	Not applicable
99	Unknown

**Technical Comments:** The list provided here is not all-inclusive, but the definitions are described in more detail below.

**Abdominal pain / problems**

Includes acute abdomen, painful abdomen, cramps, etc. Does not include abdominal trauma.

**Airway obstruction**

Includes choking, swelling of neck, croup, epiglottitis, foreign body in airway, etc.

**Allergic reaction**

Includes reactions to drugs, plants, insects, etc. Category includes hives, urticaria, wheezing and so forth when suspected of being related to allergy.

**Altered level of consciousness**

Refers to patients with any alteration of consciousness, including patients who appear to be substance abusers or under the influence of drugs or alcohol.

**Behavioral / psychiatric disorder**

Includes all situations in which a behavioral or psychiatric problem was considered the major problem for the EMS responder.

**Cardiac arrest**

All instances in which cardiac arrest occurred, and either death was pronounced immediately, or external cardiac massage was instituted.

**Cardiac rhythm disturbance**

Includes any rhythm disturbance which was noted on physical examination or with a cardiac monitor, when the rhythm was the major clinical reason for care rendered by the EMS responder.

**Chest pain / discomfort**

Includes patients with complaint of chest pain, including pain felt related to heart disease, upset stomach, or muscle pain in the chest wall. If an agency has different protocols for different types of chest pain, then this code should be separated out according to the types of protocols.

**Diabetic symptoms** Relates to patients with symptoms relatable to diabetes, generally when there is a history of diabetes in the patient. The major symptom is hypoglycemia, but in circumstances where diabetes is known to exist, this category can include ketoacidosis, as well as other complications of diabetes.

**Electrocution**

Instances of electrocution. Please note that the proper E code should be entered in the Cause of Injury data element.

**Hyperthermia**

When hyperthermia is the major clinical assessment driving EMS responder care.

**Hypothermia**

Usually relates to environmental hypothermia, such as following submersion in cold water, avalanches, or other environmental exposure situations.

**Shock**

Patients with clinical shock, usually felt to be hypovolemic. All patients considered to have shock by EMS responders should be coded with this code, as it is relatively difficult to identify other less common forms of shock outside the hospital setting.

**Inhalation injury (toxic gas)**

Excludes smoke inhalation.

**Obvious death**

Patients who were dead at the scene, in whom no therapy was undertaken.

**Poisoning / drug ingestion**

Includes drug ingestions which are inappropriate drugs or overdoses, as well as poisonings from chemicals.

**Pregnancy / OB delivery / Gyne Problem**

Includes all aspects of obstetric care rendered in the pre-hospital setting.

**Respiratory arrest**

Instances in which the patient stops breathing. These patients always require ventilatory support on at least a temporary basis.

**Respiratory distress**

Includes patients with respiratory distress who continue to have spontaneous breathing and never suffer respiratory arrest. These patients may require ventilatory support.

**Seizure**

Includes major and minor motor seizures.

**Sexual assault / rape**

Refers to suspected sexual assault / rape. The code refers to unspecified traumatic injury, but the Cause of Injury code

should resolve this adequately.

**Smoke inhalation**

Smoke inhalation encountered in conflagration setting. The Cause of Injury code should include the proper E code.

**Stings / venomous bites**

Includes poisonous snakes, insects, bees, wasps, ants, etc. If an allergic reaction occurs and predominates the clinical situation, then the clinical assessment should be coded as an allergic reaction rather than a sting or bite, since the E code in the Cause of Injury data element will further clarify the cause.

**Stroke / CVA**

Cardiovascular accidents, strokes, TIA.

**Syncope / fainting**

Fainting is the major clinical assessment, even though the patient may be fully awake at the time of EMS evaluation.

**Traumatic injury**

All patients in whom traumatic injury is the major reason for the EMS action. Further details should be provided in the injury description matrix described later in this data dictionary.

**Hemorrhage**

Refers to bleeding in sufficient amount to have driven the EMS response.

**Not applicable**

Use this code when there is no patient.

**Unknown**

Use this code when there is not enough information on the run sheet to determine the clinical impression of the EMS responder. This should be a very rarely used code.

Pre-Existing Condition	
<b>Data Element Name</b>	Pre-Existing Condition
<b>Reference ID</b>	E020
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Pre-existing medical conditions known to the provider
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Pre-existing conditions may affect the protocols followed by EMS responders. The data element is intended to capture information as understood by EMS providers at the scene, not as defined later in the medical record of the hospital. Thus, if the EMS responder finds out that a patient has several pre-existing conditions after he or she arrives at the hospital, those conditions should not be coded in this data element. It is clear that the list provided here may not include other important conditions. Other conditions should be added as desired, but it is hoped that the below conditions will be included in all data sets.

In the future, it may be possible to add code to this field.

**Codes and Values:**

01	Asthma
02	Diabetes
03	Tuberculosis
04	Chronic respiratory failure
05	Emphysema
06	Chronic renal failure
07	Cancer
08	Hypertension
09	Psychiatric problems
10	Seizure disorder
11	Tracheostomy
12	Cardiac problem
13	Previous operations
14	Blood disease
88	Others

**Technical Comments:** Multiple entries should be possible. As with other multiple entry data elements, the preferable data base architecture is a properly designed relational file structure.

<b>Symptoms and Signs Present</b>	
<b>Data Element Name</b>	Symptoms and Signs Present
<b>Reference ID</b>	E021
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Symptoms reported to or Signs observed by provider
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** This data element is intended to capture the information provided to or obtained by the EMS responder in order to assess the patient. It is intended that these symptoms and signs be correlated with the clinical impression of the responder. This would help EMS managers plan educational programs for the responders. It is obvious that the list of items provided here is incomplete. It is hoped that at least these items will be incorporated into data being collected, and after several years of experience with the data element, the listing should be appropriately refined.

**Codes and Values:**

01	Abdominal pain
02	Back pain
03	Bloody stools
04	Breathing difficulty
05	Cardiorespiratory arrest
06	Chest pain
07	Choking
08	Diarrhea
09	Dizziness
10	Ear pain
11	Eye pain
12	Fever / Hyperthermia
13	Fever / Hyperthermia
14	Headache
15	Hypertension
16	Hypothermia
17	Nausea
18	Paralysis
19	Palpitations
20	Pregnancy/childbirth/miscarriage
21	Seizures / Convulsions
22	Syncope
23	Unresponsive / Unconscious
24	Vaginal bleeding
25	Vomiting
26	Weakness (malaise)
88	Others (specify)

**Technical Comments:** Multiple entries should be possible. As with other multiple entry data elements, the preferable data base architecture is a properly designed relational file structure.

Injury Description	
<b>Data Element Name</b>	Injury Description
<b>Reference ID</b>	E022
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Clinical description of injury type and body site
<b>Data Type</b>	Alpha
<b>Field Size</b>	2

**Usage and Content:** This is a crucial data element which will enable EMS planners to know what types of injuries are incurred by patients using the EMS system. The data element will also be of value in assessing the correspondence between injury assessment in the field and actual injuries as evaluated in medical facilities. A major reason for using Injury Severity Score (ISS) related body sites is the ability to compare the hospital inpatient ISS areas with those indicated by the pre-hospital provider.

It is understood that various levels of providers will be permitted to make injury assessments at different levels of sophistication. For example, the diagnosis of fracture is considered out of scope for many prehospital responders. In this case, a term might be added for swelling, or some other marker by which an EMS responder is supposed to suspect a fracture or dislocation. It is stressed that this data element is supposed to reflect the clinical impression of injury by the EMS responder, not necessarily the final, correct medical diagnosis.

**Codes and Values:**

	<i>The body surface</i>
E	External (including burns)
H	Head only (excluding neck, cervical spine and external ears)
F	Face (including external ears)
N	Neck (excluding cervical spine)
A	Abdomen (excluding lumbar spine)
C	Chest (excluding thoracic spine)
S	Spine
U	Upper extremities
L	Lower extremities or bony pelvis
B	<i>Body region unspecified</i>
	 The types of injury
A	Amputation
U	Blunt
B	Burn
C	Crush
D	Dislocation / Fracture
G	Gunshot
L	Laceration

T      Puncture /Stab  
S      Soft Tissue Swelling/Bruising /color changes

**Technical Comments:** There are at least 2 reasonable approaches to coding this data element. It is assumed for purposes of this discussion that up to 5 injuries should be entered.

Each entry into this data element could then be coded as two letters, the first for body site and the second for injury type. This method has the advantage of conserving space on the run sheet, because only the two lists would be necessary.

Second, a matrix could be placed on the run sheet, and each intersection on the matrix could have a numeric code. The provider would simply circle or mark the intersections corresponding to each of the specific injuries, up to a maximum of five. The numeric codes would then be entered. There are 100 possible intersections, so the codes would range from 1 to 100. This method has the disadvantage of requiring a larger amount of space on the run sheet, but offers the advantage of being more readily understood by the EMS responder.

<b>Patient Injury Matrix</b>	<b>Amputation</b>	<b>Blunt</b>	<b>Burn</b>	<b>Crush</b>	<b>Dislocation/Fracture</b>	<b>Gunshot</b>	<b>Laceration</b>	<b>Puncture/stab</b>	<b>Soft Tissue Swelling</b>
External									
Head									
Face									
Neck									
Abdomen									
Chest									
Spine									
Upper Ext.									
Lower Ext. /pelvis									
Unspecified									

Provisional Injury Intent	
<b>Data Element Name</b>	Provisional Injury Intent
<b>Reference ID</b>	E023
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Intent of individual inflicting injury
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** This data element is intended to help injury surveillance specialists who are interested in homicide and suicides, inflicted child injuries, etc. The EMS provider may be in a unique situation to assess this issue, and this information would then be of enormous value to the medical personnel caring for the patient. However, it is clear that the EMS provider will often not be able to assess this question.

Drug or alcohol abuse is impossible to code with this data element unless involved in a suicide attempt. For instance, if an EMS responder transports an intoxicated patient to a hospital with no other injuries, this data element would be coded as not applicable.

If the data element is collected, it is recommended that the EMS provider indicate that an event is intentional if he or she has any suspicion of such. The data element is not intended to carry legal significance, but rather is intended to assist researchers in identifying possible cases of intentional injury for further study

**Codes and Values:**

1	Intentional
2	Unintentional
3	Not applicable
9	Unknown

**Technical Comments:** If a firearm or stabbing is involved, this data element is redundant with proper coding of the external cause of injury, which permits coding for intentional injury on self or others.

<b>Factors Affecting EMS Delivery of Care</b>	
<b>Data Element Name</b>	Factors Affecting EMS Delivery of Care
<b>Reference ID</b>	E024
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Special circumstances affecting the EMS response or delivery of care
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** For system planners who are evaluating response times, this data element provides explanations for delays encountered in the system. For instance, the time to scene would be expected to be prolonged if there was a blizzard, or if gunfire prevented EMS responders from patient access. If there was no problem with EMS delivery, this data element would be coded as not applicable.

The list provided is intentionally small, as it is expected that agencies that collect this data element will have very specific issues to address. Their data should, however, be collapsible to the below list.

**Codes and Values:**

1	Adverse weather
2	Adverse road conditions
3	Vehicle problems
4	Hazardous environment
5	Prolonged extrication (> 20 minutes)
6	Siege/ Military actions
7	Other
9	Not applicable

**Technical Comments:** Hazardous environment includes presence of hazardous materials, presence of gunfire, instances in which police prevented access because of safety concerns, etc. Vehicle problems include problems with the EMS responder vehicle itself, not with other vehicles that might have obstructed traffic.

<b>Alcohol or Drug Use</b>	
<b>Data Element Name</b>	Alcohol or Drug Use
<b>Reference ID</b>	E025
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Suspected alcohol or drug use by patient whether therapeutic or abuse
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Important data element for injury research, permitting reports of value to public health researchers and policy makers.

**Codes and Values:**

1	Yes
2	No
3	Not applicable
9	Unknown

**Technical Comments:** Should be coded as yes whenever the EMS responder suspect's alcohol or drug use by the patient may have contributed to the injury. Not applicable should be used when there is no patient, such as in a standby response. If alcohol or drugs are totally unrelated to the incident, this field should be coded as no.

<b>Time of Cardiopulmonary Resuscitation (CPR) Started</b>	
<b>Data Element Name</b>	Time of Cardiopulmonary Resuscitation (CPR) Started
<b>Reference ID</b>	E026
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Best estimate of time of CPR started
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Permits assessment of the duration of cardiopulmonary resuscitation prior to arrival of EMS responder. Useful for research purposes and for planning public education concerning CPR.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

Provider of First CPR	
<b>Data Element Name</b>	Provider of First CPR
<b>Reference ID</b>	E027
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Person who performed first CPR on patient
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Useful for assessing the quality of CPR rendered by initial responders to a cardiopulmonary arrest, for planning public educational efforts, etc.

**Codes and Values:**

1	Bystander
2	EMS responder
3	Not applicable
9	Unknown

**Technical Comments:** Not applicable should be used when there is no need for CPR given. Unknown should only be used when data is being entered long after the actual incident and the information cannot be correctly reconstructed from the hardcopy record. For instance, unknown should never be the code if there was no CPR rendered; this should be coded as not applicable.

<b>Time CPR Discontinued</b>	
<b>Data Element Name</b>	Time CPR Discontinued
<b>Reference ID</b>	E028
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time at which medical control or responding EMS unit terminated resuscitation efforts in the field.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Provides information concerning the duration of CPR in the field in cases in which the patient was pronounced dead in the field.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. There should be no colon in the field when used for export purposes. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field width for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Time of Witnessed Cardiac Arrest</b>	
<b>Data Element Name</b>	Time of Witnessed Cardiac Arrest
<b>Reference ID</b>	E029
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time of witnessed cardiac arrest
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Allows assessment of actual total arrest time in patients with cardiac arrest. This information is valuable for researchers and educators concerned with CPR training.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Witness of Cardiac Arrest</b>	
<b>Data Element Name</b>	Witness of Cardiac Arrest
<b>Reference ID</b>	E030
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Person who witnessed the cardiac arrest.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Provides information concerning the incidence of witnessed cardiac arrest prior to or during EMS responses.

**Codes and Values:**

1	Bystander
2	EMS responder
3	Not applicable
9	Unknown

**Technical Comments:** Not applicable should be used when there was no cardiac arrest or witness of a cardiac arrest. Unknown should only be used when data is being entered long after the actual incident and the information cannot be correctly reconstructed from the hardcopy record. For instance, unknown should never be the code if there was no cardiac arrest or witness; this should be coded as not applicable.

<b>Time of First Defibrillatory Shock</b>	
<b>Data Element Name</b>	Time of First Defibrillatory Shock
<b>Reference ID</b>	E031
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time of first defibrillatory shock
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Allows assessment of the time required between onset of cardiac arrest and provision of defibrillation in instances of ventricular fibrillation. Provides information about the rapidity with which the EMS responder correctly diagnoses the rhythm and takes action.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field width for HH and MM. Midnight is coded as 0000, and begins the new day.

<b>Return of Spontaneous Circulation</b>	
<b>Data Element Name</b>	Return of Spontaneous Circulation
<b>Reference ID</b>	E032
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Whether a palpable pulse or blood pressure was restored following cardiac arrest and resuscitation in the field.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Outcome of cardiac resuscitation in the field. If the patient remains in cardiac arrest throughout the incident and continues to receive CPR until reaching the emergency department, this data element should be coded as no, even if the patient was subsequently resuscitated in the emergency department.

**Codes and Values:**

0	No
1	Yes
3	Not applicable

**Technical Comments:** There should be no unknown value for this data element. If no cardiac arrest ever occurred, this data element is not applicable and should be coded as such.

Pulse Rate	
<b>Data Element Name</b>	Pulse Rate
<b>Reference ID</b>	E033
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patients palpated or auscultated pulse rate expressed in number per minute.
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** The pulse rate is a component of various triage scoring systems, and permits a rough assessment of the severity of illness of the patient. This data element is based on the physical examination of the patient, and the pulse must be palpated or auscultated. An electrical rhythm is not sufficient, as the patient could have electromechanical dissociation. In this instance, the correct value of this data element is '000'.

**Codes and Values:**

###	Numeric (3 digit field)
888	Not obtained
999	Unknown

**Technical Comments:** This field should be zero padded to assure 3 digit width. If the patient has cardiac arrest, the field should be coded as '000'. If the value was not obtained, the field should be coded as '888'. If a value was obtained but is unknown at the time of data entry, the field should be coded as '999'.

Initial Cardiac Rhythm	
<b>Data Element Name</b>	Initial Cardiac Rhythm
<b>Reference ID</b>	E034
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Initial monitored cardiac rhythm as interpreted by EMS personnel
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Provides the initial monitored rhythm, permitting reports generated according to initial rhythm. Such reports would be of use in assessing the survival rate after certain rhythms. It is understood that some agencies collect data about cardiac rhythms with more detail than this list. For instance, many agencies expect EMS personnel to distinguish first, second, and third degree heart block. There is no intention to restrict the manner in which any agencies decide to code cardiac rhythms, but there is a necessity to be able to collapse those rhythms to a common definition which can then be combined. For the examples of heart block mentioned, those would all collapse into a wide or narrow complex tachycardia (if the rate is > 100), other rhythm between 60 and 100, or bradycardia, if heart rate < 60.

**Codes and Values:**

01	Asystole
02	Ventricular Fibrillation
03	Sinus Rhythm
04	Bradycardia
05	Wide Complex Tachycardia
06	Narrow Complex Tachycardia
07	Pulseless Electrical Activity
08	Paced Rhythm
10	Other Rhythm between 60 and 100
11	Extrasystoles
78	Not applicable

**Technical Comments:** This field should be coded as not applicable when the EMS responder is not an appropriate level provider to assess electrical rhythm, or if electrical monitoring is unavailable to the provider.

Rhythm at Destination	
<b>Data Element Name</b>	Rhythm at Destination
<b>Reference ID</b>	E035
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Electrical cardiac rhythm upon arrival at destination
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** The data element captures the electrical rhythm at the time of arrival at a destination, as previously defined. Reports could examine whether this rhythm differs from the initial rhythm of the patient when encountered in the field, whether there was improvement or deterioration, etc. If an EMS responder is not equipped with electrical monitoring capability or is not of an appropriate level to assess rhythm, this field should be coded as not applicable.

**Codes and Values:**

01	Asystole
02	Ventricular Fibrillation
03	Sinus Rhythm
04	Bardycardia
05	Wide Complex Tachycardia
06	Narrow Complex Tachycardia
07	Pulseless Electrical Activity
08	Paced Rhythm
10	Other Rhythm between 60 and 100
11	Extrasystoles
78	Not applicable

**Technical Comments:** This field should be coded as not applicable when the EMS responder is not an appropriate level provider to assess electrical rhythm, or if electrical monitoring is unavailable to the provider.

Respiratory Rate	
<b>Data Element Name</b>	Respiratory Rate
<b>Reference ID</b>	E036
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Unassisted patient respiratory rate expressed as number per minute
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Component of several triage scoring systems and provides some assessment of severity of illness or injury. If a patient is not breathing and requires artificial ventilation, this data element should be coded as '00'. If this vital sign was not obtained, the field should be coded as '88', and if this vital sign was obtained but is unknown at the time of data entry, the field should be coded as '99'.

**Codes and Values:**

##	Numeric (2 digit field)
88	Not obtained
99	Unknown

**Technical Comments:** None

<b>Respiratory Effort</b>	
<b>Data Element Name</b>	Respiratory Effort
<b>Reference ID</b>	E037
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient respiratory effort
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Respiratory effort is an integral component of pediatric emergency assessment, and is a major part of curricula dealing with pediatric emergencies. Respiratory effort is also potentially valuable in assessing adult patients. This field is essential for children, and is prioritized as desirable for adult patients. For purposes of the uniform data definition, children are defined as 18 years or younger.

**Codes and Values:**

1	Normal
2	Increased, not labored
3	Increased and labored
4	decreased and fatigued
5	Absent
6	Not assessed

**Technical Comments:** If the patient is an adult and it is decided to not collect this item for adults, this data element should be coded as 6 not assessed.

Systolic Blood Pressure	
<b>Data Element Name</b>	Systolic Blood Pressure
<b>Reference ID</b>	E038
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's systolic blood pressure
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Important component of several scoring systems for triage, and permits some assessment of acuity of patient.

**Codes and Values:**

###	Numeric (3 digit field)
888	Not obtained
999	Unknown

**Technical Comments:** If this vital sign was not obtained, the field should be coded as '888', and if this vital sign was obtained but is unknown at the time of data entry, the field should be coded as '999'.

Diastolic Blood Pressure	
<b>Data Element Name</b>	Diastolic Blood Pressure
<b>Reference ID</b>	E039
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's diastolic blood pressure
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Important component of several scoring systems for triage, and permits some assessment of acuity of patient.

**Codes and Values:**

###	Numeric (3 digit field)
888	Not obtained
999	Unknown

**Technical Comments:** If this vital sign was not obtained, the field should be coded as '888', and if this vital sign was obtained but is unknown at the time of data entry, the field should be coded as '999'

If the blood pressure was assessed by palpation or with a Doppler device, then this field should be coded as '888', as the diastolic blood pressure was, in fact, not measured. By examining the systolic blood pressure data element, it will be possible to determine that the vital sign of blood pressure was assessed, eliminating criticism of the responder team for not assessing blood pressure

Skin Perfusion	
<b>Data Element Name</b>	Skin Perfusion
<b>Reference ID</b>	E040
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient skin perfusion, expressed as normal or decreased
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Normal is defined as warm, pink, and with a capillary refill time of 2 or less seconds.

Decreased is defined as cool, pale, mottled, dusky, and with a capillary refill time of greater than 2 seconds.

This field is essential for children, and is prioritized as desirable for adult patients. For purposes of the uniform data definition, children are defined as 18 years or younger.

If the patient is hypothermic or febrile, this may affect skin perfusion. However, the skin perfusion should be scored consistently as defined above

**Codes and Values:**

1	Normal
2	Decreased
9	Not assessed

**Technical Comments:** If the patient is an adult and it is decided not to collect this item for adults, this data element should be coded as 9, not assessed.

<b>Glasgow Eye Opening Component</b>	
<b>Data Element Name</b>	Glasgow Eye Opening Component
<b>Reference ID</b>	E041
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's eye opening component of the Glasgow coma scale
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** One of three components of the Glasgow coma scale, which is widely used to assess neurological status. The score and its components are also parts of a variety of triage scoring systems.

Note that the minimum value is 1, not zero

**Codes and Values:**

1	None
2	Opens eyes in response to painful stimulation
3	Opens eyes in response to verbal stimulation
4	Opens eyes spontaneously
9	Not assessed

**Technical Comments:** If the data element is not assessed, code this data element as 9. If the score cannot be reconstructed from the run sheet at the time of data entry (e.g., is unknown), the element should also be coded as 9. A judgment that the data element is not applicable should not be made at the responder level. Instead, this can be made by generating data reports for specific conditions in which the data element is considered relevant, and examining the field for valid values.

<b>Glasgow Verbal Component</b>	
<b>Data Element Name</b>	Glasgow Verbal Component
<b>Reference ID</b>	E042
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's verbal component of the Glasgow coma scale.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** One of three components of the Glasgow coma scale, which is widely used to assess neurological status. The score and its components are also parts of a variety of triage scoring systems.

If the patient is intubated and deeply comatose, then this data element may be appropriately coded as 1 for none, since there was no verbal response at the time of intubation. However, if the patient is intubated but not deeply comatose, and there is a possibility of verbal response, it is difficult to apply the Glasgow coma scale. If the EMS responder can ask questions and the patient can nod his head or blink eyes, etc. appropriately, then this element may be coded as 5. In other instances, the data element should be coded as 9, or not assessed.

Note that the minimum value is 1, not zero.

**Codes and Values:**

- For patients > 5 years**
- 1 None
  - 2 Non-specific (incomprehensive)sounds
  - 3 Inappropriate words
  - 4 Confused conversation or speech
  - 5 Oriented and appropriate speech
  - 9 Not assessed
- For patients 2 - 5 years**
- 1 None
  - 2 Grunts
  - 3 Cries and/or screams
  - 4 Inappropriate words
  - 5 Appropriate words
  - 9 Not assessed
- For patients 0 - 23 months**
- 1 None
  - 2 Persistent cry, grunting
  - 3 Inappropriate cry
  - 4 Cries, inconsolable
  - 5 Smiles, coos, cries appropriately
  - 9 Not assessed

**Technical Comments:** If the data element is not assessed, code this data element as 9. If the score cannot be reconstructed from the run sheet at the time of data entry, the element should also be coded as 9. A judgment that the data element is not applicable should not be made at the responder level. Instead, this can be made by generating data reports for specific conditions in which the data element is considered relevant, and examining the field for valid values.

As a validity check, data analysis may run a report which reports the verbal score on all incubated patients. In the majority of instances, the score should be either 1 or 9.

<b>Glasgow Motor Component</b>	
<b>Data Element Name</b>	Glasgow Motor Component
<b>Reference ID</b>	E043
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's motor component of the Glasgow coma scale.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** One of three components of the Glasgow coma scale, which is widely used to assess neurological status. The score and its components are also parts of a variety of triage scoring systems.

This component cannot be assessed if the patient has received a muscle relaxant.

Note that the minimum value is 1, not zero

**Codes and Values:**

**For patients > 5 years**

- 1 None
- 2 Extensor posturing in response to painful stimulation
- 3 Flexor posturing in response to painful stimulation
- 4 General withdrawal in response to painful stimulation
- 5 Localization of painful stimulation
- 6 Obeys commands with appropriate motor response
- 9 Not assessed

**For patients up to 5 years**

- 1 None
- 2 Extensor posturing in response to painful stimulation
- 3 Flexor posturing in response to painful stimulation
- 4 General withdrawal in response to painful stimulation
- 5 Localization of painful stimulation
- 6 Spontaneous
- 9 Not assessed

**Technical Comments:** If the data element is not assessed, code this data element as 9. If the score cannot be reconstructed from the run sheet at the time of data entry, the element should also be coded as 9. A judgment that the data element is not applicable should not be made at the responder level. Instead, this can be made by generating data reports for specific conditions in which the data element is considered relevant, and examining the field for valid values

<b>Glasgow Coma Score (Total)</b>	
<b>Data Element Name</b>	Glasgow Coma Score (Total)
<b>Reference ID</b>	E044
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's total Glasgow coma scale score
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Important component of several triage scoring systems. Provides information about severity of neurologic disorder.

**Codes and Values:** Calculated 2 digit data element from the three components, eye opening, verbal and motor response. This data element should not be directly entered. The range of the score is 3 to 15.

**Technical Comments:** Before generating this value, each of the components should be checked to make certain that '9' is not recorded within them. If any of the components are '9', then the score cannot be calculated and should be coded as '99'. Reports based on the Glasgow coma score should be programmed to skip records with '99' as the value of this data element.

The data element should be zero padded if the total score is less than 10 to assure 2 digit field width.

Revised Trauma Score	
<b>Data Element Name</b>	Revised Trauma Score
<b>Reference ID</b>	E045
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Patient's revised trauma score.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** One example of a triage scoring system which may be used to categorize injured patients in an EMS system. This data element is considered desirable, but the intention is that local agencies use scoring systems which are applicable to their own purposes. Most of these scoring systems should be calculable from other data elements which are included as core elements of the uniform data set.

**Codes and Values:** Calculated 2 digit data element from the three components; Respiratory rate, systolic blood pressure and GCS. The range of the score is 0 to 12.

##      Numeric (2 digit field)  
88      Unknown  
99      Not applicable

**Technical Comments:** The revised trauma score may be calculated from other data elements. It is the sum of a respiratory rate component, systolic blood pressure component, and a neurologic component

Respiratory Rate Component	Systolic Blood Pressure Component	Neurologic Component
<b>4</b> 10 - 29 per minute	<b>4</b> >89 mm Hg	<b>4</b> Glasgow coma score 13 – 15
<b>3</b> >29 per minute	<b>3</b> 76 - 89 mm Hg	<b>3</b> Glasgow coma score 9 – 12
<b>2</b> 6 - 9 per minute	<b>2</b> 50 - 75 mm Hg	<b>2</b> Glasgow coma score 6 – 8
<b>1</b> 1 - 5 per minute	<b>1</b> 1 - 49 mm Hg	<b>1</b> Glasgow coma score 4 – 5
<b>0</b> None spontaneous	<b>0</b> No pulse	<b>0</b> Glasgow coma score 3

If the score cannot be calculated because of absent component data or is unknown, then the score should be coded as '88', while if the score is not applicable (e.g., a non-injury patient) then it should be coded as '99'.

### **3.2.3 Admission**

Admission	H001	230
Admission Date	H002	231
Admission Time	H003	232
Listing Date for Care	H004	233
Patient Listing Status	H005	234
Mode of Admission	H006	235
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Principal Diagnosis in Hospital	H009	238

### **3.2.4 Discharge**

Discharge Date	H010	239
Mode of Discharge	H011	240

<b>Admission</b>	
<b>Data Element Name</b>	Admission
<b>Reference ID</b>	H001
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	<p>Admission is the process whereby the hospital accepts responsibility for the patient's care and/or treatment. Admission follows a clinical decision based upon specified criteria that a patient requires same-day or overnight care or treatment.</p> <p>An admission may be formal or statistical.</p> <p><b>Formal admission:</b> The administrative process by which a hospital records the commencement of treatment and/or care and/or accommodation of a patient.</p> <p><b>Statistical admission:</b> If an inpatient is formally discharged from the hospital and then returns for further treatment the admission process is repeated and a second admission recorded in the statistics.</p>
<b>Data Type</b>	
<b>Field Size</b>	

**Usage and Content:** Admitted patient care

**Codes and Values:** None

**Technical Comments:** None

Admission Date	
<b>Data Element Name</b>	Admission Date
<b>Reference ID</b>	H002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date on which an admitted patient commences an episode of care.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Required to identify the period in which the admitted patient episode and hospital stay occurred and for derivation of length of stay.

**Codes and Values:** Date format should be coded DD-MM-YYYY, and is recommended for data export purposes. Century digits are Essentially.

**Technical Comments:** Format DD-MM-YYYY is recommended as part of Middle East standard.  
Admission date  $\leq$  discharge date.  
Admission date  $\geq$  date of birth

Admission Time	
<b>Data Element Name</b>	Admission Time
<b>Reference ID</b>	H003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Time at which an admitted patient commences an episode of care.
<b>Data Type</b>	Time
<b>Field Size</b>	4

**Usage and Content:** Admitted patient care: Required to identify the time of commencement of the episode or hospital stay, for calculation of waiting times and length of stay.

**Codes and Values:** Time format. Use HHMM. HH ranges from 00 to 23; MM ranges from 00 to 59.

**Technical Comments:** Format HHMM is recommended. Unknown values should be coded as 99 for HH or MM. Use leading zeros to assure 2 character field widths for HH and MM. Midnight is coded as 0000, and begins the new day.

Listing Date for Care	
<b>Data Element Name</b>	Listing Date for Care
<b>Reference ID</b>	H004
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The date on which a hospital accepts notification that a patient/client requires care/treatment.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Hospital non-admitted patient care.  
The acceptance of the notification by the hospital is conditional upon the provision of adequate information about the patient and the appropriateness of the patient referral.  
For elective surgery, the listing date is the date on which the patient is added to an elective surgery waiting list.

**Codes and Values:** Date format should be coded DD-MM-YYYY, and is recommended for data export purposes. Century digits are Essentially.

**Technical Comments:** None

Patient Listing Status	
<b>Data Element Name</b>	Patient Listing Status
<b>Reference ID</b>	H005
<b>Data Element Type</b>	Data Element
<b>Definition</b>	An indicator of the person's readiness to begin the process leading directly to being admitted to hospital for the awaited procedure. A patient may be 'ready for care' or 'not ready for care'.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** **Ready for care** patients are those who are prepared to be admitted to hospital or to begin the process leading directly to admission. These could include investigations/procedures done on an outpatient basis, such as autologous blood collection, pre-operative diagnostic imaging or blood tests.

**Not ready for care** patients are those who are not in a position to be admitted to hospital. These patients are either:

- **staged patients** whose medical condition will not require or be amenable to surgery until some future date; for example, a patient who has had internal fixation of a fractured bone and who will require removal of the fixation device after a suitable time; or
- **deferred patients** who for personal reasons are not yet prepared to be admitted to hospital; for example, patients with work or other commitments which preclude their being admitted to hospital for a time.

Staged and deferred patients should not be confused with patients whose operation is postponed for reasons other than their own unavailability; for example, surgeon unavailable, and operating theatre time unavailable owing to emergency workload.

**Codes and Values:**

1	Ready for care
2	Not ready (clinical reason)
3	Not ready (personal reason)
8	Other

**Technical Comments:** The dates when a patient listing status changes need to be recorded. A patient's classification may change if he or she is examined by a clinician during the waiting period, i.e. undergoes clinical review. The need for clinical review varies with the patient's condition and is therefore at the discretion of the treating clinician.

<b>Mode of Admission</b>	
<b>Data Element Name</b>	Mode of Admission
<b>Reference ID</b>	H006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Describes the mechanism by which a person begins an episode of care.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of intersectorial patient flow and health care planning.

**Codes and Values:**

1	Transferred from another hospital
2	Transferred from the emergency department
3	Transferred from the out patient department
4	Transferred from special care baby unit
5	Transferred from labor unit
8	Other

**Technical Comments:** The dates when a patient listing status changes need to be

Type of Admission	
<b>Data Element Name</b>	Type of Admission
<b>Reference ID</b>	H007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Type of admission distinguishes elective care episodes from other non elective care.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** To assist in analysis of intersectorial patient flow and health care planning.

**Codes and Values:**

1	Elective
2	Emergency

**Technical Comments:** None

<b>Major Diagnostic Category</b>	
<b>Data Element Name</b>	Major Diagnostic Category
<b>Reference ID</b>	H008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Major Diagnostic Categories are 22 mutually exclusive categories into which all possible principal diagnoses fall. The diagnoses in each category correspond to a single body system or etiology, broadly reflecting the specialty providing care. Each category is partitioned according to whether or not a surgical procedure was performed. This preliminary partitioning into Major Diagnostic Categories occurs before a Diagnosis Related Group is assigned.
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** The generation of a Major Diagnostic Category to accompany each International Diagnosis Related Group is a requirement of the latter as Diagnosis Related Groups are not unique.

**Codes and Values:**

<b>ICD10 Codes</b>	<b>Local Code</b>	<b>Description of Disorders and Diseases</b>
A and B	01	Certain infectious and parasitic diseases
C00 to D48	02	Neoplasms
D50 to D89	03	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
E	04	Endocrine, nutritional and metabolic diseases
F	05	Mental and behavioral disorders
G	06	Diseases of the nervous system
H00 – H59	07	Diseases of the eye and adnexa
H60 – H95	08	Diseases of the ear and mastoid process
I	09	Diseases of the circulatory system
J	10	Diseases of the respiratory system
K	11	Diseases of the digestive system
L	12	Diseases of the skin and subcutaneous tissue
M	13	Diseases of the musculoskeletal system and connective tissue
N	14	Diseases of the genitourinary system
O	15	Pregnancy, childbirth and the puerperium
P	16	Certain conditions originating in the perinatal period
Q	17	Congenital malformations, deformations and chromosomal abnormalities
R	18	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
S and T	19	Injury, poisoning and certain other consequences of external causes
U	20	This letter is currently left vacant
V,W,X and Y	21	External causes of morbidity and mortality
Z	22	Factors influencing health status and contact with health services

**Technical Comments:** None

<b>Principal Diagnosis in Hospital</b>	
<b>Data Element Name</b>	Principal Diagnosis in Hospital
<b>Reference ID</b>	H009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in hospital (or attendance at the health care facility).
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	4

- Usage and Content:** Health services: the principal diagnosis is one of the most valuable health data elements. It is used for epidemiological research, case mix studies and planning purposes.  
Admitted patient care: The principal diagnosis is a major determinant in the classification of ICD-10 and Major Diagnostic Categories.
- Codes and Values:** ICD-10
- Technical Comments:** The principal diagnosis must be determined in accordance with the ICD-0 Coding Standards. Each episode of admitted patient care must have a principal diagnosis and may have additional diagnoses. The diagnosis can include a disease, condition, injury, poisoning, sign, symptom, abnormal finding, complaint, or other factor influencing health status.

Discharge Date	
<b>Data Element Name</b>	Discharge Date
<b>Reference ID</b>	H010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Date on which an admitted patient completes an episode of care.
<b>Data Type</b>	Date
<b>Field Size</b>	8

**Usage and Content:** Required to identify the period in which an admitted hospital stage or episode occurred and for derivation of length of stay.

**Codes and Values:** Date format should be coded DD-MM-YYYY, and is recommended for data export purposes. Century digits are Essentially

**Technical Comments:** Format DD-MM-YYYY is recommended as part of Middle East standard.  
Discharge date >= Admission date.

Mode of Discharge	
<b>Data Element Name</b>	Mode of Discharge
<b>Reference ID</b>	H011
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Status at separation of person (discharge/transfer/death) and place to which person is released (where applicable).
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Required for outcome analysis: for analysis of intersectoral patient flows and to assist in the continuity of care classification of episodes into Diagnosis Related Groups.

**Codes and Values:**

1	Discharge to an (other) MOH-hospital
2	Discharge/transfer to an (other) hospital – non (MOH) hospital
3	Discharged /transferred to an( other) department in the same hospital
4	Left against medical advice / discharge at own risk
5	Improved
6	Died
8	Other

**Technical Comments:** None

## **PART 4: COMMUNICABLE DISEASES**

Communicable Diseases	I001	242
Source of Notification for Communicable Diseases	I002	244

Communicable Diseases	
<b>Data Element Name</b>	Communicable Diseases
<b>Reference ID</b>	I001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	An-Illness due to a specific infectious agent or its toxic products that arises through transmission of the agent or products from infected person, animal or inanimate an intermediate plant or animal host, vector or the inanimate environment.(Synonym: infectious disease
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	4

**Usage and Content:** Public health

**Codes and Values:**

Local Code	Icd10 Code	Groups
<b>A</b>		<b>Group A</b>
100	AFP	AFP
101	A80	Acute poliomyelitis
102	B20-24	Aids/HIV
103	A00-A09	Cholera
104	A36	Diphtheria
105	A05	Food poisoning (Bacterial)
106	A99	Heamorrhagic fevers
107	B05	Measles
108	G00.0	Meningitis Haemophilis influenzae
109	A39	Meningitis Meningococcal
110	A20	Palgue
111	A82	Rabies
112	A34, A35	Tetanus Adult
113	A33	Tetanus neonate
114	VAE	Vaccine Adverse Events
<b>B</b>		<b>Group B</b>
201	A23	Brucellosis
202		Chemical poisoning
203	B19	Hepatitis Viral Unspecific
204	B15.9	Hepatitis A
205	B16.9	Hepatitis B cases
206	B18.1	Hepatitis B carrier
207	B17.1	Hepatitis C cases
208	B18.2	Hepatitis C carrier
209	B55.1	Leichmania skin
210	B55.0	Leichmania visceral
211	A30	Leprosy
212	A27	Leptospirosis
213	B50-54	Malaria
214	G00.01-G00.9	Meningitis Bacterial
215	A87	Meningitis Non Specific
216	B26	Mumps
217	A79	Proteus Ox19+ve
218	B06	Rubella
219	A02	Salmonolosis
220	A38	Scarlet Fever
221	A40, A41	Septicemia
222	A03	Shigellosis
223	B65	Shistesomiasis
224	A50-A64	STD*
225	A15,A16	TB pulmonary
226	A17,A18	TB extra pulmonary
227	A01	Typhoid fever
228	A75	Typhus
229	A37	Whooping cough

C		Group C
301	A06	Amebiasis
302	B77	Ascariasis
303		Bite Animal
304		Bite Dog
305		Bite Scorpion
306		Bite Snake
307	B01	Chicken box
308	H10	Conjunctivitis
309	A09	Diarrhea 0 – 3 years
310	A09	Diarrhea ≥ 4 years
311	B80	Enterobiasis
312		Diarrhea Bloody
313	A07.1	Giardiasis
314	N01	Glomerulonephritis
315	B67	Hydatid Disease
316	B71	Hymenolpiasis
317	J11	Influenza
318	B85	Pediculosis
319	J12-12	Pneumonia
320	I00-I02	Rheumatic
321	B86	Scabies
322	B78	Strongyloidiasis
323	B58	Toxoplasmosis
324	A71	Trachoma
325	B79	Trichuriasis

#### Technical Comments:

Diseases were listed alphanumerically for greatest clarity and for easy reference, and classified according to the Tenth Revision of the International Classification of Diseases (ICD-10) to be most suitable for general Epidemiological purposes and evaluation of health care. The Diseases classified into three groups:

**Group A Diseases:** diseases of this group are a special importance to be notified immediately with accuracy to epidemiology department using notification form. Notification of vaccine adverse events can be done through using its special form. Zero reporting for group A disease is obligatory.

**Group B Diseases:** Diseases of this group are of less importance of group A and must be notified within one week

**Group C Diseases:** Diseases of this group are of the least importance of the list and must be notified in number within one week or month

<b>Source of Notification for Communicable Diseases</b>	
<b>Data Element Name</b>	Source of notification for Communicable Diseases
<b>Reference ID</b>	I002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The institutes which notify the communicable disease
<b>Data Type</b>	Alpha
<b>Field Size</b>	1

**Usage and Content:** Public health

**Codes and Values:**

G	<b>Governmental</b> Hospital, Primary Health Care, Laboratories( including Military and police medical services)
U	<b>UNRWA</b> Primary Health Care
N	<b>NGO's</b> Hospital, Primary Health Care, Laboratories
P	<b>Private Sector</b> Clinics and Laboratories

**Technical Comments:** None

## **PART 5: CHRONIC DISEASES**

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Chronic Diseases	
<b>Data Element Name</b>	Chronic Diseases
<b>Reference ID</b>	J001
<b>Data Element Type</b>	Data Element
<b>Definition</b>	A pathological condition of a part, organ, or system of an organism resulting from various causes, such as infection, genetic defect, or environmental stress, and characterized by an identifiable group of signs or symptoms. A condition or tendency, as of society, regarded as abnormal and harmful.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health

**Codes and Values:**

1	Diabetes Mellitus
2	Hypertension
3	Ischemic Heart Disease (IHD)
4	Bronchial Asthma
5	Chronic Obstructive Pulmonary Disease (COPD)
6	Anemia
7	Kidney disease
8	Peptic Ulcer
9	Viral Hepatitis

**Technical Comments:** *The Palestinian chronic disease steering committee adapted the above mentioned chronic non communicable diseases from the chronic disease list accredited by the world health organization (WHO)*

**1. Diabetes Mellitus:** Diabetes mellitus is a group of metabolic diseases characterized by hyperglycemia resulting from defects in insulin secretion, insulin action, or both.

**2. Hypertension:** Systolic B.P equal to or above 140 mmHg and/or diastolic B.P equal or above 90 mmHg in adult person when measured at least three times within two months period.

**3. Ischemic Heart Disease (IHD):** Myocardial ischemia is a condition in which oxygen deprivation to the heart muscle is accompanied by inadequate removal of metabolites because of reduced blood flow or perfusion.

**4. Bronchial Asthma:** Is a chronic inflammatory disorder of the airways in which many cells play a role, in particular mast cells, eosinophils and T lymphocytes.

**5. COPD:** is a disease state characterized by presence of airflow obstruction due to chronic bronchitis and or

emphysema. The hallmark is  $FEV_1 / FVC < 70\%$ , the obstruction is progressive, may be accompanied with bronchial hyper reactivity, and may be partially reversible.

**6. Anemia:** is defined as a decrease in calculating RBCs mass (HCT) or Hb concentration below the range of values occurring in healthy person and corresponding decrease in oxygen carrying capacity of the blood.

**7. Kidney disease:** kidney damage for  $\geq 3$  months, as defined by structural and/or functional abnormalities of the kidney, with or without decreased GFR, manifest by either:

- Pathological abnormalities.
- Markers of kidney damage, including abnormalities in the composition of the blood or urine, or abnormalities in imaging tests.
- $GFR < 60 \text{ mL/min/1.73m}^2$  for  $\geq 3$  months, with or without kidney damage.

**8. Peptic Ulcer:** A peptic ulcer is a sore in the lining of client stomach or duodenum. The duodenum is the first part of client small intestine. If peptic ulcers are found in the stomach, they're called gastric ulcer. If they're found in the duodenum, they're called duodenal ulcers.

**9. Viral Hepatitis:**

Hepatitis is a general term meaning inflammation of the liver and can be caused by a variety of different viruses such as hepatitis A, B, C, D and E. Since the development of jaundice is a characteristic feature of liver disease, a correct diagnosis can only be made by testing patients' sera for the presence of specific viral antigens or antibodies.

Reference: *The above mentioned definition are adopted from the Palestinian Chronic Non Communicable Guidelines.(MOH)*

Classification of Diabetes Mellitus	
<b>Data Element Name</b>	Classification of Diabetes Mellitus
<b>Reference ID</b>	J002
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Identifies a person with or at risk of diabetes
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

1	Type 1
2	Type 2
3	Impaired Glucose Homeostasis
4	Gestational Diabetes
8	Other

**Technical Comments:**

**A- Classification of Diabetes Mellitus**

**1- Type 1:** Characterized by beta cell destruction, usually leading to **absolute** insulin deficiency. It has two forms:  
**Immune-mediated diabetes mellitus:** Results from a cellular mediated autoimmune destruction of the beta cells of the pancreas.  
**Idiopathic diabetes mellitus:** Refers to forms of the disease that have no known etiologies.

**2- Type 2: Disease of insulin resistance that usually has relative (rather than absolute) insulin deficiency:** Can range from predominant insulin resistance with relative insulin deficiency to predominant insulin deficiency with some insulin resistance.

**3- Impaired Glucose Homeostasis:** A metabolic stage intermediate between normal glucose homeostasis and diabetes (In the absence of pregnancy, these are *not* clinical entities on their own but rather risk factor for future diabetes and cardiovascular disease)  
**Impaired Fasting Glucose (IFG):** Fasting plasma glucose higher than normal, and less than diagnostic  
**Impaired Glucose Tolerance (IGT):** Plasma glucose higher than normal, and less than diagnostic, following administration of a glucose load of 75 grams

**4- Gestational Diabetes Mellitus:** Glucose intolerance in pregnancy (Diabetes mellitus with onset or first recognition in pregnancy)

**5- Other Specific Types:** Diabetes caused by other identifiable etiologies  
• Genetic defects of beta cell function (e.g., MODY\* 1, 2, 3)

- Genetic defects in insulin action
- Diseases of the exocrine pancreas (e.g., cancer of the pancreas, cystic fibrosis, pancreatitis)
- Endocrinopathies (e.g., Cushing's disease)
- Drug or chemical induced (e.g., steroids)
- Infection (e.g., rubella, Coxsackie, CMV)
- Uncommon forms of immune- related diabetes
- Other genetic syndromes.

#### **B- Clinical Characteristics of Type 1 and Type 2 Diabetes**

<b>Characteristic</b>	<b>Likely Type 1 diabetes</b>	<b>Likely Type 2 diabetes</b>
Age	< 30 years	> 30 years
Peak age	10-14 years	50-60 years
Urinary ketones	Moderate to large	None to low
Body weight (BMI)	Usually thin (< 25)	Usually over weight (>27)
Clinical onset	Usually sudden	Usually gradual
Treatment	Insulin essential	- Lifestyle interventions+ oral agents often effective. - Insulin for secondary failure.

<b>Complications of Diabetes Mellitus</b>	
<b>Data Element Name</b>	Complications of Diabetes Mellitus
<b>Reference ID</b>	J003
<b>Data Element Type</b>	Data Element
<b>Definition</b>	<p>Diabetic complications can be classified as:</p> <ul style="list-style-type: none"> <li>- <b>Acute complications:</b> Complication which arise within a short time frame due to poor metabolic control.</li> <li>- <b>Chronic complications:</b> Chronic diabetic complications contribute significantly to morbidity and mortality in diabetes mellitus, they are insidious in onset but may be present in up to 30% of type 2 diabetes at diagnosis and good metabolic control can prevent/delay progression of these complications.</li> </ul>
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

- 1.0 Acute complications**
  - 1.1 Hypoglycemia
  - 1.2 Diabetic ketoacidosis (DKA)
  - 1.3 Hyperglycemic hyperosmolar state (HHS)
- 2.0 Chronic complications**
  - 2.1 Macrovascular**
    - 2.1.1 Coronary artery disease
    - 2.1.2 Cerebrovascular disease
    - 2.1.3 Peripheral vascular disease
  - 2.2 Microvascular**
    - 2.2.1 Retinopathy,
    - 2.2.2 Nephropathy
    - 2.2.3 Neuropathy
  - 2.3 Combination of microvascular and macrovascular**
    - 2.3.1 diabetic foot
    - 2.3.2 diabetic dermopathy
  - 2.4 Others**

**Technical Comments:** None

<b>Diabetes Therapy Type</b>	
<b>Data Element Name</b>	Diabetes Therapy Type
<b>Reference ID</b>	J004
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of diabetes therapy the person is currently receiving
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

1	Non pharmacological treatment only
2	Pharmacological treatment
2.1	Oral antidiabetic only
2.2	Insulin only
2.3	Combined
3	Pharmacological and non pharmacological treatment
88	Not stated/inadequately described

**Technical Comments:** None

<b>Classification of Hypertension Disease</b>	
<b>Data Element Name</b>	Classification of Hypertension Disease
<b>Reference ID</b>	J005
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Identifies a person with or at risk of hypertension
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings.  
It is Staging the severity of hypertension and treating plan with pharmacological or non-pharmacological or both, according to the stage.

**Codes and Values:**

0	Normal
1	Pre-hypertension
2	Stage 1
3	Stage 2

**Technical Comments:**

<b>Classification of Blood Pressure for Adults Aged ≥ 18 years</b>			
<b>JNC 7 Blood Pressure Category</b>	<b>SBP (mm Hg)</b>	<b>And/or</b>	<b>DBP (mm Hg)</b>
Normal	<120	and	<80
Pre-hypertension	120-139	or	80-89
Stage 1	140-159	or	90-99
Stage 2	≥160	or	≥100

Regarding cardiovascular risk, optimal blood pressure determined from population studies is defined as less than 120/80mm Hg.  
Based on the average of two or more readings taken at each of two or more visits.

<b>Hypertension Therapy Type</b>	
<b>Data Element Name</b>	Hypertension Therapy Type
<b>Reference ID</b>	J006
<b>Data Element Type</b>	Data Element
<b>Definition</b>	The type of hypertension therapy the person is currently using or receiving
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:**

- Public health, health care and clinical settings
- Grouping patients who are put on life style modification.
- Monitoring the response to either method of treatment.

**Codes and Values:**

1.0	<b>Life style modifications</b>
2.0	<b>Drug Therapy</b>
2.1	One drug
2.2	Two drugs
2.3	Three drugs

**Technical Comments:**

**Life style modifications:**

- Weight Reduction and maintenance.
- Alcohol Intake (it is prohibited in this community).
- Moderation of Dietary Sodium
- Exercise
- Diet (the DASH Diet) (Diet Approach to stop hypertension).
- Potassium
- Tobacco Use Cessation and Tobacco avoidance.
- Hyperlipidemia
- **Relaxation and stress management**

**Drug therapy:**

- determining the number of drugs the patient takes
- monitoring the cost-benefit effect of the drugs.
- planning for future drug consumption ratio among different families of drugs (drug policy or planning)

<b>Ischemic Hear Disease: Types of Angaina</b>	
<b>Data Element Name</b>	Ischemic Hear Disease: Types of Angaina
<b>Reference ID</b>	J007
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Identifies a person with or at risk of IHD
<b>Data Type</b>	Numeric
<b>Field Size</b>	2

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

1.0	Stable angina.
2.0	Unstable angina
2.1	New-onset exertional angina (Initial).
2.2	Angina of increasing frequency or duration or refractory to nitroglycerin (Crescendo)
2.3	Angina at rest
3.0	Variant angina (Prinzmetal angina).
88	Other

**Technical Comments:** None

<b>Classification of Silent Myocardial Ischemia</b>	
<b>Data Element Name</b>	Classification of Silent Myocardial Ischemia
<b>Reference ID</b>	J008
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Identifies a person with or at risk of IHD
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

1	Type 1
2	Type II
3	Type III
8	Other

**Technical Comments:** Types Prevalence Features

<b>Types</b>	<b>Prevalence</b>	<b>Features</b>
Type I silent ischemia	Least common	It occurs in totally asymptomatic patients with obstructive CAD (which may be severe), and these patients do not experience angina at any time. Some patients with type I silent ischemia do not even experience pain in the course of MI. May be considered to have a defective anginal warning system.
Type II silent ischemia	Post MI	The form that occurs in patients with documented previous MI.
Type III silent ischemia	Post anginal (Most frequent)	It occurs in patients with the usual forms of chronic stable angina, UA, and variant angina. When monitored, patients with this form of silent ischemia exhibit some episodes of ischemia that are associated with chest discomfort and other episodes that are not, ie, episodes of silent (asymptomatic) ischemia.

Step Classification of the Severity of Asthma	
<b>Data Element Name</b>	Step Classification of the Severity of Asthma
<b>Reference ID</b>	J009
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Assessment of the Severity of Asthma: Is important because this will greatly influence therapy. If it is difficult to assess the patient severity, assign him to the more severe group in which any features occur. The degree of severity may change with time.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

1	Mild intermittent
2	Mild persistent
3	Moderate persistent
4	Severe persistent

**Technical Comments:** Detailed stepwise approach for diagnosis of Chronic Asthma

Steps	Children ≤5 years	School children & Adult
Step 1 Mild intermittent	Symptoms occurring ≤2 days / week, ≤2 nights / month Asymptomatic between episodes Exacerbation lasts ≤few days.	Symptoms occurring ≤twice a week, ≤2 nights / month PEF ≥80% of predicted or of personal best PEF variability ≤20%. Asymptomatic with normal PEF between episodes, Exacerbation's are brief (≤5 times per year).
Step 2 Mild persistent	Symptoms occurring ≥2 days / week, ≥2 nights / month Asymptomatic between episodes Exacerbation may affect activity	Symptoms occurring ≥twice a week ≥2 nights / month PEF ≥80% of predicted or of personal best PEF variability 20 to 30%. Exacerbation do not require hospitalization
Step 3 Moderate persistent	Symptoms are daily, ≥1 nights / week Asymptomatic between episodes Exacerbation affects activity	Symptoms occurring daily, ≥1 night / week PEF ≥60% - ≤80% predicted between attacks, PEF variability ≥30% Exacerbation's require hospital care,
Step 4 Severe persistent	Symptoms are continuous, Nocturnal symptoms are frequent, Limited physical activity Exacerbation are frequent	Symptoms are continuous, Nocturnal symptoms & sleep disturbance ≥five times a month, PEF ≤60% predicted between attacks, PEF variability ≥30% Frequent exacerbation ER visits, ≥2 hospital visits per year,

<b>Assessment of the Severity of Coronary Obstructive Pulmonary Disease (COPD)</b>	
<b>Data Element Name</b>	Assessment of the Severity of Coronary Obstructive Pulmonary Disease (COPD)
<b>Reference ID</b>	J010
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Assessment of the Severity of COPD is important because this will greatly influence therapy. If it is difficult to assess the patient severity, assign him to the more severe group in which any features occur. The degree of severity may change with time.
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

0	Stage 0=At risk
1	Stage I=Mild COPD
2	Satge II=Moderate COPD
3	StageIII=Severe COPD

**Technical Comments:** The different stages of COPD and the corresponding characteristics:

<b>0: At Risk</b>	Normal spirometry Chronic symptoms (cough, sputum production)
<b>1: Mild COPD</b>	FEV1/FVC<70% FEV1>80% predicted, with or without chronic symptoms. (cough, sputum production)
<b>2: Moderate COPD</b>	FEV1/FVC<70% 30%<FEV1<80% predicted, (IIA:50% <FEV1<80% predicted) (IIB:30%<FEV1<50% predicted) with or without chronic symptoms (cough, sputum production, dyspnea)
<b>3: Severe COPD</b>	FEV1/FVC<70% FEV1<30% predicted, or the presence of respiratory failure or clinical signs of right heart failure

Classification of Anemia	
<b>Data Element Name</b>	Classification of Anemia
<b>Reference ID</b>	J011
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Classification of anemia used mainly to facilitate diagnosis and offering appropriate treatment
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

- 1.0 Macrocytic Anemia (MCV >98)
  - 1.1 Megaloblastic Anemia
    - 1.1.1 B12 deficiency
    - 1.1.2 Folic Acid deficiency
  - 1.2 Non-Megaloblastic
    - 1.2.1 Myelodysplastic syndrome
    - 1.2.2 Alcohol
    - 1.2.3 Myxedema – Hypothyroidism
    - 1.2.4 Pregnancy
- 2.0 Normocytic Anemia (MCV 78-98)
  - 2.1 Hemolytic Anemia
  - 2.2 Mixed Anemia
  - 2.3 Acute Blood Loss
  - 2.4 Red cell line failure
  - 2.5 Bone marrow failure
- 3.0 Microcytic Anemia (MCV < 78)
  - 3.1 Iron deficiency anemia
  - 3.2 Thalassemia
  - 3.3 Sideroblastic anemia
  - 3.4 Anemia of chronic disease
  - 3.5 Lead poisoning

**Technical Comments:** Interpretation of CBC  
 Hemoglobin (Hb) in different age groups: Normal ranges  
 Infants (full term, cord blood) 13.6-19.6 g/ dl  
 Infants (3 months) 9.5-12.5 g/ dl  
 Infants (01 year) 11.0- 13.0 g/ dl  
 Children (10 years) 11.5- 14.8 g/ dl  
 Adult males 13.5-18 g/ dl  
 Adult females 11.5-16.4 g/ dl  
 Elderly males (65-85 years) 13.6g /dl  
 Elderly females (65-85 years) 13.1 g / dl

<b>Anemia During pregnancy (Screening)</b>	
<b>Data Element Name</b>	Anemia During pregnancy (Screening)
<b>Reference ID</b>	J012
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Anemia is a pathologic reduction in the level of hemoglobin according to the gestational weeks, therefore, by definition, the 1-2 g/dl fall in Hb that occur in pregnancy is NOT an "anemia of pregnancy" since this change is hemodilutional. The true anemia of pregnancy includes those due to decrease red cell production or increase rate of red cell destruction. Anemia is a common complication of pregnancy with a frequency estimated to range from 20-80% depending in large part on the socioeconomic status of population.
<b>Data Type</b>	Numeric
<b>Field Size</b>	3

**Usage and Content:** Public Health, Diagnosis of anemia is important to offered the appropriate treatment that aimed to prevent future complications for both mother and fetus

**Codes and Values:** None

**Technical Comments:** Hemoglobin Level at the Different Gestational Weeks

<b>Week's Gestation</b>	<b>Hb level g/dl Lower average</b>	<b>Hct (%)</b>
12	11.0	33
16	10.6	32
20	10.5	32
24	10.5	32
28	10.7	32
32	11.0	33
36	11.4	34
40	11.9	36
First Trimester	11.0	33
Second Trimester	10.5	32
Third Trimester	11.0	33

Stages of Kidney Disease	
<b>Data Element Name</b>	Stages of Kidney Disease
<b>Reference ID</b>	J013
<b>Data Element Type</b>	Data Element
<b>Definition</b>	Stages of kidney disease mainly to facilitate diagnosis and offering appropriate treatment
<b>Data Type</b>	Numeric
<b>Field Size</b>	1

**Usage and Content:** Public health, health care and clinical settings

**Codes and Values:**

Code	Description	GFR(Ml.min/1.73m2)
1	At increased risk	≥ 90(with CKD risk factors)
2	Kidney damage with normal or ↑GFR	≥ 90
3	Kidney damage with mild ↓GFR	60 - 89
4	Moderate ↓GFR	30 - 59
5	Severe ↓GFR	15 - 29
6	Kidney failure	< 15

**Technical Comments:** None

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*Annex 1*

**PHC CENTERS & HOSPITALS CODE TABLE**

Healthcare Provider Identifier	
<b>Data Element Name</b>	Healthcare Provider Identifier
<b>Reference ID</b>	A004
<b>Data Element Type</b>	Composite Data Element
<b>Definition</b>	Identifier for the health care provider in which episode or event occurred. Each separately administered health care provider to have a unique identifier at the national level.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	8

**Usage and Content:** Institutional health cares

**Codes and Values:** Concatenation of:  
A Health sector  
A Facility  
NN Governorate code  
NNNN Healthcare Provider number

**Technical Comments:** The Standard Health Care Providers classification is reported using eight alphanumeric code. The first character is the code to indicate health sector; followed by one character code to indicate facility identifier; followed by two digits code to indicate Governorate code as defined in the Palestinian Standard Geographical Classification. The remaining four digits are the numerical code for the healthcare provider number. (Annex 1: Healthcare provider list)

**For Example:**

G	MOH
P	PHC
60	Gaza city
2836	Rimal clinic serial number
G P 60 2836	Rimal clinic
G	MOH
H	Hospital
60	Gaza city
0001	Shifa hospital serial number
G H 60 0001	Shifa hospital

## PHC CENTERS AND HOSPITALS CODE TABLE

Provider name	Governorate	Level	Provider code
Beit 'Einun	Hebron (Al Khalil)	P1	GP 502680
Shuyukh al 'Arrub	Hebron (Al Khalil)	P1	GP 502555
Al 'Uddeisa	Hebron (Al Khalil)	P1	GP 502720
Al Deir	Hebron (Al Khalil)	P1	GP 502436
Qafan al Khamis	Hebron (Al Khalil)	P1	GP 502650
Wadi ar Rim	Hebron (Al Khalil)	P1	GP 502725
Kuziba	Hebron (Al Khalil)	P1	GP 502595
Dura	Hebron (Al Khalil)	P1	GP 502840
Safa	Hebron (Al Khalil)	P1	GP 502485
Al Jab'a	Hebron (Al Khalil)	P1	GP 502355
Wadi Al-Neel	Hebron (Al Khalil)	P1	GP 502356
Hitta	Hebron (Al Khalil)	P1	GP 502550
Qila	Hebron (Al Khalil)	P1	GP 502570
Om Alas	Hebron (Al Khalil)	P1	GP 502571
Wad Azeez	Hebron (Al Khalil)	P1	GP 502572
Karna'a	Hebron (Al Khalil)	P1	GP 502573
Al Kum	Hebron (Al Khalil)	P1	GP 502770
Wad Soud	Hebron (Al Khalil)	P1	GP 502771
Knar	Hebron (Al Khalil)	P1	GP 502772
Tarma	Hebron (Al Khalil)	P1	GP 502773
At Tabaqa	Hebron (Al Khalil)	P1	GP 502850
Khirbet Salama	Hebron (Al Khalil)	P1	GP 502865
Hadab al Fawwar	Hebron (Al Khalil)	P1	GP 502920
Wadi ash Shajina	Hebron (Al Khalil)	P1	GP 502940
Fuqeiqis	Hebron (Al Khalil)	P1	GP 502875
Hadab al 'Alaqa	Hebron (Al Khalil)	P1	GP 503040
Rabud	Hebron (Al Khalil)	P1	GP 503145
Abu al 'Asja	Hebron (Al Khalil)	P1	GP 503155
Karma	Hebron (Al Khalil)	P1	GP 503095
Deir Razih	Hebron (Al Khalil)	P1	GP 502955
Beit 'Amra	Hebron (Al Khalil)	P1	GP 503100
Abu al 'Urqan	Hebron (Al Khalil)	P1	GP 503185
As Simiya	Hebron (Al Khalil)	P1	GP 503230
Rafat	Hebron (Al Khalil)	P1	GP 503231
Arabia	Hebron (Al Khalil)	P1	GP 503232
Jalajel	Hebron (Al Khalil)	P1	GP 503233
Sikka	Hebron (Al Khalil)	P1	GP 502860
Deir al 'Asal	Hebron (Al Khalil)	P1	GP 502926
Beit ar Rush	Hebron (Al Khalil)	P1	GP 503011
Khallet al Dar	Hebron (Al Khalil)	P1	GP 503012
Qalqas	Hebron (Al Khalil)	P1	GP 502855
Zif	Hebron (Al Khalil)	P1	GP 502965
Al Buweib	Hebron (Al Khalil)	P1	GP 503005
Ad Deirat	Hebron (Al Khalil)	P1	GP 503125
Al Heila	Hebron (Al Khalil)	P1	GP 502935
Al Arus	Hebron (Al Khalil)	P1	GP 502936
Ruka'	Hebron (Al Khalil)	P1	GP 502937

Provider name	Governorate	Level	Provider code
Umm Lasafa	Hebron (Al Khalil)	P1	GP 503150
A Karmil	Hebron (Al Khalil)	P1	GP 503215
Khallet al Maiyya	Hebron (Al Khalil)	P1	GP 503115
Beit Mirsim	Hebron (Al Khalil)	P1	GP 503075
Al Bireh	Hebron (Al Khalil)	P1	GP 503165
Kureisa	Hebron (Al Khalil)	P1	GP 502805
Doma	Hebron (Al Khalil)	P1	GP 502806
Ar Ramadin	Hebron (Al Khalil)	P1	GP 503335
Kurza	Hebron (Al Khalil)	P1	GP 503135
khallet al Shke	Hebron (Al Khalil)	P1	GP 503136
Shi'b Al-Souan	Hebron (Al Khalil)	P1	GP 503137
Al-Athra	Hebron (Al Khalil)	P1	GP 503138
Isha	Hebron (Al Khalil)	P1	GP 503139
Al-Hawawer	Hebron (Al Khalil)	P1	GP 503140
Al Majd	Hebron (Al Khalil)	P1	GP 502910
As Sura	Hebron (Al Khalil)	P1	GP 502950
I 'Zeiz	Hebron (Al Khalil)	P1	GP 503190
Al-Magbia	Hebron (Al Khalil)	P1	GP 503191
Om Amer	Hebron (Al Khalil)	P1	GP 503192
Om Al-Kear	Hebron (Al Khalil)	P1	GP 503193
Hamida	Hebron (Al Khalil)	P1	GP 503194
Az Zuweidin	Hebron (Al Khalil)	P1	GP 503105
Al-Msafer	Hebron (Al Khalil)	P1	GP 503106
Kfear	Hebron (Al Khalil)	P1	GP 503107
Al-Mored	Hebron (Al Khalil)	P1	GP 503108
Al-Mashroo'	Hebron (Al Khalil)	P1	GP 503109
Wad Ali	Hebron (Al Khalil)	P1	GP 503110
Anab Al-sagera	Hebron (Al Khalil)	P1	GP 503296
El-Masharqa	Hebron (Al Khalil)	P2	GP 503297
Bani Na'im	Hebron (Al Khalil)	P2	GP 502815
Beit Ula	Hebron (Al Khalil)	P2	GP 502615
Taffuh	Hebron (Al Khalil)	P2	GP 502750
Ash Shuyukh	Hebron (Al Khalil)	P2	GP 502635
Kharas	Hebron (Al Khalil)	P2	GP 502560
Abda	Hebron (Al Khalil)	P2	GP 503000
Beit Kahil	Hebron (Al Khalil)	P2	GP 502655
Nuba	Hebron (Al Khalil)	P2	GP 502585
Deir al 'Asal	Hebron (Al Khalil)	P2	GP 502926
Khursa	Hebron (Al Khalil)	P2	GP 502895
Ar Ramadin	Hebron (Al Khalil)	P2	GP 503335
Ar Rihya	Hebron (Al Khalil)	P2	GP 502960
Deir Samit(West)	Hebron (Al Khalil)	P2	GP 502811
Deir Samit(East)	Hebron (Al Khalil)	P2	GP 502812
Al Karmil	Hebron (Al Khalil)	P1	GP 503215
Al Burj	Hebron (Al Khalil)	P1	GP 503170
Roq'a	Hebron (Al Khalil)	P1	GP 503171
Beit ar Rush	Hebron (Al Khalil)	P1	GP 503011
Khallet al Maiyya	Hebron (Al Khalil)	P1	GP 503115
Umm al Kheir	Hebron (Al Khalil)	P1	GP 503116

Provider name	Governorate	Level	Provider code
Umm Amer	Hebron (Al Khalil)	P1	GP 503117
Hamida	Hebron (Al Khalil)	P1	GP 503118
Beit Ummar	Hebron (Al Khalil)	P1	GP 502540
Al Karantia	Hebron (Al Khalil)	P1	GP 502541
Yatta	Hebron (Al Khalil)	P1	GP 503120
Al-Haram Al-Ibrahemi	Hebron (Al Khalil)	P1	GP 503121
Ein Sara	Hebron (Al Khalil)	P1	GP 503122
El-hawouz	Hebron (Al Khalil)	P1	GP 503123
Halhul	Hebron (Al Khalil)	P1	GP 502630
Sa'ir	Hebron (Al Khalil)	P1	GP 502620
Ithna	Hebron (Al Khalil)	P1	GP 502685
Tarqumiya	Hebron (Al Khalil)	P1	GP 502640
Surif	Hebron (Al Khalil)	P1	GP 502450
Dura	Hebron (Al Khalil)	P1	GP 502840
Adh Dhahiriya	Hebron (Al Khalil)	P1	GP 503245
As Samu'	Hebron (Al Khalil)	P1	GP 503320
Beit 'Awwa	Hebron (Al Khalil)	P1	GP 502835
Al Khalil Department	Hebron (Al Khalil)	P4	GP 509999
Beit Jala	Bethlehem	P1	GP 452210
Beit Sahur	Bethlehem	P1	GP 452255
Al Khadr	Bethlehem	P1	GP 452270
Tuqu'	Bethlehem	P1	GP 452495
Husan	Bethlehem	P1	GP 452230
Battir	Bethlehem	P1	GP 452175
Ash Shawawra	Bethlehem	P1	GP 452285
Ar Rashayida	Bethlehem	P1	GP 452661
Harmala	Bethlehem	P1	GP 452420
Beit Fajjar	Bethlehem	P1	GP 452525
Al 'Ubeidiya	Bethlehem	P1	GP 452180
Za'tara	Bethlehem	P1	GP 452360
Bethlehem Al-qadema	Bethlehem	P1	GP 452361
Nahhalin	Bethlehem	P1	GP 452325
Elrashaidah	Bethlehem	P2	GP 452327
Bethlehem Health Directorate	Bethlehem	P4	GP 459999
Tayaseer	Jenin	P1	GP 010120
Al 'Araqa	Jenin	P1	GP 010125
Mirka	Jenin	P1	GP 010395
At Tayba	Jenin	P1	GP 010020
Al Hashimiya	Jenin	P1	GP 010155
Ar Rama	Jenin	P1	GP 010515
Al 'Attara	Jenin	P1	GP 010590
Zububa	Jenin	P1	GP 010005
Tura	Jenin	P1	GP 010146
Al Mughayyir	Jenin	P1	GP 010310
Raba	Jenin	P1	GP 010405
Siris	Jenin	P1	GP 010600
Anza	Jenin	P1	GP 010505
Fahma	Jenin	P1	GP 010445
Silat al Harithiya	Jenin	P2	GP 010035

Provider name	Governorate	Level	Provider code
Jaba'	Jenin	P2	GP 010605
Ajja	Jenin	P2	GP 010500
Aqaba	Jenin	P2	GP 010501
Birqin	Jenin	P2	GP 010220
Deir Abu Da'if	Jenin	P2	GP 010215
Al Judeida	Jenin	P2	GP 010565
Siris	Jenin	P2	GP 010600
Sanur	Jenin	P2	GP 010510
Az Zababide	Jenin	P2	GP 010435
Anin	Jenin	P2	GP 010045
Faqqu'a	Jenin	P2	GP 010060
Barta'a	Jenin	P2	GP 010121
Raba	Jenin	P2	GP 010405
Al Jalama	Jenin	P2	GP 010030
Jalbun	Jenin	P2	GP 010190
Fahma	Jenin	P2	GP 010445
Anza	Jenin	P2	GP 010505
Fahma Al Jadida	Jenin	P2	GP 010401
Kufur Ra'l	Jenin	P2	GP 010402
Silat adh Dhahr	Jenin	P2	GP 010625
Beit Qad	Jenin	P2	GP 010140
Jenin ash Sharqiya	Jenin	P3	GP 010181
Qabatiya	Jenin	P3	GP 010340
Al Yamun	Jenin	P3	GP 010080
Jenin al Gharbiya	Jenin	P3	GP 010182
Toubas	Jenin	P3	GP 010183
Ya'bad	Jenin	P3	GP 010265
Tamoun	Jenin	P3	GP 010266
Arraba	Jenin	P3	GP 010370
Meithalun	Jenin	P3	GP 010520
Jalqamus	Jenin	P3	GP 010305
ELaqaba	Jenin	P2	GP 010710
Tora Al Gharbiya	Jenin	P2	GP 010712
Wadi Elfareah	Jenin	P2	GP010714
Kufr Koud	Jenin	P1	GP010716
Jenin Health Directorate	Jenin	P4	GP 019999
An Nuwei'ma ash Sharqiya	Jericho	P1	GP 351841
An Nuwei'ma al Gharbiya	Jericho	P1	GP 351842
Ad Duyuk at Tahta	Jericho	P1	GP 351906
Ein Al-Beda	Jericho	P1	GP 351907
Al'Auja Clinic&MCH	Jericho	P2	GP 351690
Bardala+Bardala VHR	Jericho	P2	GP 351691
Az Zubeidat	Jericho	P2	GP 351110
Fasayil	Jericho	P2	GP 351510
Ad Duyuk	Jericho	P2	GP 351511
Marj Na'ja	Jericho	P2	GP 351045
Al Jiftlik Clinic&MCH	Jericho	P3	GP 351140
Almutanaklah	Jericho	P2	GP 351180
Jericho Health Directorate	Jericho	P4	GP 359999

Provider name	Governorate	Level	Provider code
Al Qubeiba	Jerusalem	P2	GP 401980
Hizma	Jerusalem	P2	GP 402005
As Sawahira ash Sharqiya	Jerusalem	P2	GP 402145
Ash Sheikh Sa'd	Jerusalem	P2	GP 402160
Mikhmas	Jerusalem	P2	GP 401885
Beit Iksha	Jerusalem	P2	GP 402025
Qatanna	Jerusalem	P2	GP 402015
Abu Dis	Jerusalem	P2	GP 402120
Ar Ram	Jerusalem	P2	GP 401945
Beit Hanina	Jerusalem	P2	GP 401990
Bir Nabala	Jerusalem	P3	GP 401960
Biddu	Jerusalem	P3	GP 401995
Anata	Jerusalem	P3	GP 402040
Alram	Jerusalem	P2	GP 403100
Jerusalem Health Directorate	Jerusalem	P4	GP 409999
Beit Furik	Nablus	P2	GP 151090
Qusra	Nablus	P2	GP 151365
Tell	Nablus	P2	GP 150990
Qabalan	Nablus	P2	GP 151335
Burin	Nablus	P2	GP 151080
Qaryut	Nablus	P2	GP 151410
'Awarta	Nablus	P2	GP 151135
As Sawiya	Nablus	P2	GP 151380
Burqa	Nablus	P2	GP 150680
Beit Dajan	Nablus	P2	GP 151000
An Nassariya	Nablus	P2	GP 150825
Beit Imrin	Nablus	P2	GP 150705
Sabastiya	Nablus	P2	GP 150765
Beit Iba	Nablus	P2	GP 150860
Deir Sharaf	Nablus	P2	GP 150810
Talluza	Nablus	P2	GP 150775
Sabastiya MCH	Nablus	P2	GP 150776
Al Majdal	Nablus	P2	GP 151386
Bizzariya	Nablus	P2	GP 150660
An Naqura	Nablus	P2	GP 150785
'Einabus	Nablus	P2	GP 151195
Talfit	Nablus	P2	GP 151375
Ras Al-Ein	Nablus	P2	GP 151376
Beita	Nablus	P2	GP 151215
Balata	Nablus	P3	GP 150961
Al Gharbiya	Nablus	P3	GP 150962
Huwwara	Nablus	P3	GP 151185
Aqraba	Nablus	P3	GP 151270
Asira ash Shamaliya	Nablus	P3	GP 150820
Jamma'in	Nablus	P3	GP 151245
Al Wasta	Nablus	P3	GP 151246
Yatma	Nablus	P3	GP 151325
Surra	Nablus	P2	GP 15510
Orief	Nablus	P2	GP 15512

Provider name	Governorate	Level	Provider code
Kossen	Nablus	P2	GP 15514
Nablus Health Directorate	Nablus	P4	GP 159999
Kafr Thulth	Qalqilia	P2	GP 201175
Kafr Qaddum	Qalqilia	P2	GP 200925
Jayyus	Qalqilia	P2	GP 200985
Jet	Qalqilia	P2	GP 200945
Sanniriya	Qalqilia	P2	GP 201260
Ras 'Atiya	Qalqilia	P2	GP 201155
Azzun 'Atma	Qalqilia	P2	GP 201280
Hajja	Qalqilia	P3	GP 200970
'Azzun	Qalqilia	P3	GP 201100
Al Sharqiya	Qalqilia	P3	GP 201101
Habla	Qalqilia	P3	GP 201125
Jinsafut	Qalqilia	P3	GP 201085
Al Gharbiya	Qalqilia	P2	GP 201910
Al Dabbah	Qalqilia	P2	GP 201912
Baqet Al Hatab	Qalqilia	P2	GP201914
Qalqilia Health Directorate	Qalqilia	P4	GP 209999
Beituniya	Ramallah	P2	GP 301825
Deir Dibwan	Ramallah	P2	GP 301785
Kafr Malik	Ramallah	P2	GP 301590
Dura al Qar	Ramallah	P2	GP 301680
Kharbatha al Misbah	Ramallah	P2	GP 301855
Saffa	Ramallah	P2	GP 301805
Beitillu	Ramallah	P2	GP 301620
Al Mazara'a al Gharbiya	Ramallah	P2	GP 301556
Rammun	Ramallah	P2	GP 301750
Kobar	Ramallah	P2	GP 301600
Ein Yabrud	Ramallah	P2	GP 301720
Abu Falah	Ramallah	P2	GP 301546
Deir Jarir	Ramallah	P2	GP 301650
Rantis	Ramallah	P2	GP 301515
Beit Sira	Ramallah	P2	GP 301850
Kafr 'Ein	Ramallah	P2	GP 301470
Deir Qaddis	Ramallah	P2	GP 301710
Abwein	Ramallah	P2	GP 301485
Budrus	Ramallah	P2	GP 301665
Pil'in	Ramallah	P2	GP 301760
Qibya	Ramallah	P2	GP 301605
Shuqba	Ramallah	P2	GP 301595
Kharbatha Bani Harith	Ramallah	P2	GP 301725
Deir Abu Mash'al	Ramallah	P2	GP 301570
Abud	Ramallah	P2	GP 301535
Al Mughayyir	Ramallah	P2	GP 301530
Deir Ibzi	Ramallah	P2	GP 301780
Ramallah Al Jadidah	Ramallah	P3	GP 301810
Ni'lin	Ramallah	P3	GP 301715
Al Bireh	Ramallah	P3	GP 301790
Beit Rima	Ramallah	P3	GP 301791

Provider name	Governorate	Level	Provider code
Beit Liqya	Ramallah	P3	GP 301895
Silwad	Ramallah	P3	GP 301610
Sinjil	Ramallah	P3	GP 301500
Turmus'ayya	Ramallah	P3	GP 301490
Kafr Ni'ma	Ramallah	P3	GP 301755
At Tayba	Ramallah	P3	GP 301685
Al Mazra'a ash Sharqiya	Ramallah	P3	GP 301555
'Arura	Ramallah	P3	GP 301475
ELterah	Ramallah	P2	GP 301910
ELmudah	Ramallah	P2	GP 301912
Barkah	Ramallah	P2	GP 301914
Der Ammar	Ramallah	P2	GP 301916
Shipteen	Ramallah	P2	GP 301918
Etarah	Ramallah	P2	GP 301920
Karawait Bany Zaeid	Ramallah	P2	GP 301922
Ramallah & Al-Bireh Health Directorate	Ramallah	P4	GP 309999
Kafr ad Dik	Salfit	P3	GP 251425
Az Zawiya	Salfit	P2	GP 251360
Kifl Haris	Salfit	P2	GP 251295
Qarawat	Salfit	P2	GP 251276
Deir Istiya	Salfit	P2	GP 251250
Haris	Salfit	P2	GP 251310
Deir Ballut	Salfit	P2	GP 251430
Bruqin	Salfit	P2	GP 251400
Sarta	Salfit	P2	GP 251340
Mas-ha	Salfit	P2	GP 251320
Rafat	Salfit	P2	GP 251395
Farkha	Salfit	P2	GP 251415
Biddya	Salfit	P2	GP 251305
Marda	Salfit	P2	GP 251300
Salfit Department	Salfit	P4	GP 259999
Shweikeh	Tulkarm	P2	GP 251301
Bal'a	Tulkarm	P2	GP 100570
Illar	Tulkarm	P2	GP 100475
Beit Lid	Tulkarm	P2	GP 100800
Kafr Aj Labad	Tulkarm	P2	GP 100690
Far'un	Tulkarm	P2	GP 100735
Zeita	Tulkarm	P2	GP 100425
Seida	Tulkarm	P2	GP 100440
Nazlat 'Isa	Tulkarm	P2	GP 100330
Ramin	Tulkarm	P2	GP 100730
An Nazla ash Sharqiya	Tulkarm	P2	GP 100345
Kafr 'Abbush	Tulkarm	P2	GP 100915
Kafr Zibad	Tulkarm	P2	GP 100895
Kafr Sur	Tulkarm	P2	GP 100845
Al Jarushiya	Tulkarm	P2	GP 100545
Saffarin	Tulkarm	P2	GP 100795
'Attil	Tulkarm	P3	GP 100480
Al Shamaliya	Tulkarm	P3	GP 100481

Provider name	Governorate	Level	Provider code
Al Gharbiya	Tulkarm	P3	GP 100482
Qaffin	Tulkarm	P3	GP 100290
'Anabta	Tulkarm	P3	GP 100665
Baqa ash Sharqiya	Tulkarm	P3	GP 100350
Deir al ghusun	Tulkarm	P3	GP 100530
Kafr Jammal	Tulkarm	P3	GP 100900
Elnazlah Al Gharbiya	Tulkarm		
Tulkarm Health Directorate	Tulkarm	P4	GP 109999
Az Zawayda	Deir al Balah	P2	GP 653180
Al Bureij	Deir al Balah	P2	GP 653141
Al Maghazi	Deir al Balah	P2	GP 653211
An Nuseirat	Deir al Balah	P2	GP 653066
Al Musaddar	Deir al Balah	P2	GP 653250
Wadi as Salqa	Deir al Balah	P2	GP 653275
Al Sawahra	Deir al Balah	P2	GP 653181
Al Muassasa al Tibia	Deir al Balah	P3	GP 653241
Deir al Balah	Deir al Balah	P4	GP 653240
Handi Cap	Gaza	P2	GP 602826
Al Salam	Gaza	P2	GP 602827
Al Mughraqa	Gaza	P2	GP 602945
Al Falah	Gaza	P3	GP 602828
Al Surani	Gaza	P3	GP 602829
Al Rahma	Gaza	P3	GP 602830
Al Zattoo'n	Gaza	P3	GP 602831
Bander Gaza	Gaza	P3	GP 602832
Hasan Al Harazeen	Gaza	P3	GP 602833
Ata Habeeb	Gaza	P3	GP 602834
Ash Shati' Camp	Gaza	P3	GP 602776
Al Zahra	Gaza	P3	GP 602950
Al Shakh Radwan	Gaza	P4	GP 602835
Al Rimal	Gaza	P4	GP 602836
'Abasan al Jadida(as Saghira)	Khan Yunis	P2	Gp 703430
'Abasan al Kabira	Khan Yunis	P2	GP 703445
Khuza'a	Khan Yunis	P2	GP 703470
Al Zanna	Khan Yunis	P2	GP 703471
Al Fukhari	Khan Yunis	P2	GP 703485
Khan Yunis	Khan Yunis	P3	GP 703421
Al Qarara	Khan Yunis	P3	GP 703370
Bani Suheila	Khan Yunis	P3	GP 703425
Al Amal	Khan Yunis	P4	GP 703422
Rashad Mosmar	North Gaza	P2	GP 552694
Beit Hanun	North Gaza	P3	GP 552741
Beit Lahiya Kadema	North Gaza	P3	GP 552695
Jabalya al Jadida	North Gaza	P3	GP 552790
Hugazi al Tobi	North Gaza	P3	GP 552791
Beit Lahiya	North Gaza	P4	GP 552696
Jabalya	North Gaza	P4	GP 552791
Beit Elmaquds	North Gaza	P2	GP 552793
Elatatrah and Elsaafa Center	North Gaza	P2	GP 552795

Provider name	Governorate	Level	Provider code
Al Shokat	Rafah	P2	GP 753506
Rafah	Rafah	P4	GP 753491
Tall al Sultan	Rafah	P4	GP 753461
ELshabora	Rafah	P3	GP 753465
Shifa Hospital	Gaza	H2	GH 600001
Nasr Pediatric Hospital	Gaza	H3	GH 600002
Ophthalmic Hospital	Gaza	H3	GH 600003
Psychiatric Hospital	Gaza	H3	GH 600004
Al-Dorra Pediatric Hospital	Gaza	H3	GH 600005
Naser Hospital - Khan Yunis	Khan Yunis	H2	GH 700001
European Gaza Hospital	Khan Yunis	H2	GH 700002
Al-Najjar Hospital	Rafah	H1	GH 750001
Jenin Hospital	Jenin	H2	GH 010001
Tulkarm Hospital	Tulkarm	H2	GH 100001
Al-Watani Hospital	Nablus	H2	GH 150001
Rafidiah Hospital	Nablus	H2	GH150002
Ramallah Hospital	Ramallah	H2	GH 300001
Beit Jala Hospital	Bethlehem	H2	GH 450001
Bethlehem Psychiatric Hosp.	Bethlehem	H3	GH 450002
Jericho Hospital	Jericho	H2	GH 350001
Al Khalil	Al Khalil	H2	GH 500001

*Annex 2*

**PALESTINIAN STANDARD GEOGRAPHICAL  
LOCALITY CODE TABLE**

<b>Residential Address Locality</b>	
<b>Data Element Name</b>	Residential Address Locality
<b>Reference ID</b>	B005
<b>Data Element Type</b>	Composite data element
<b>Definition</b>	Geographical location of current residence of the person
<b>Data Type</b>	Numeric
<b>Field Size</b>	6

**Usage and Content:** Geographical location is reported using Geographical Classification Locality to enable accurate aggregation of information to larger areas within the PCBS Standard Geographical Classification (such as Statistical Subdivisions and Statistical Divisions) as well as detailed analysis at the Statistical Locality level. The use of Statistical Locality also allows analysis relating the data to information compiled by the Palestinian Central Bureau of Statistics (PCBS) on the demographic and other characteristics of the population of each Statistical Locality. Analyses facilitated by the inclusion of Statistical Locality information include:

- Comparison of the use of services by persons residing in different geographical location,
- Characterization of catchment areas and populations for establishments for planning purposes.

**Codes and Values:** Concatenation of:  
 NN Governorate  
 NNNN Locality

**Technical Comments:** The Standard Geographical Classification Locality is reported using a six digit numerical code. The first two digits is the code to indicate Governorate. The remaining four digits are the numerical code for the Locality within the Governorate as defined in the

## PALESTINIAN STANDARD GEOGRAPHICAL LOCALITY CODE

Locality Code	Locality Name	Governorate
010005	Zububa	Jenin
010010	Rummana	Jenin
010015	Ti'innik	Jenin
010020	At Tayba	Jenin
010025	'Arabbuna	Jenin
010030	Al Jalama	Jenin
010035	Silat Al Harithiya	Jenin
010040	As Sa'aida	Jenin
010045	'Anin	Jenin
010050	'Arrana	Jenin
010055	Deir Ghazala	Jenin
010060	Faqqu'a	Jenin
010065	Khirbet Abu 'Anqar	Jenin
010070	Khirbet Suruj	Jenin
010075	Dahiyat Sabah Al Kheir	Jenin
010080	Al Yamun	Jenin
010085	Umm Ar Rihan	Jenin
010090	'Arab Al Hamdun	Jenin
010095	Kafr Dan	Jenin
010100	Barghasha	Jenin
010105	Khirbet 'Abdallah Al Yunis	Jenin
010110	Mashru' Beit Qad	Jenin
010115	Dhafer Al Malih	Jenin
010120	Barta'a Ash Sharqiya	Jenin
010125	Al 'Araqa	Jenin
010130	Khirbet Ash Sheikh Sa'eed	Jenin
010135	Al Jameelat	Jenin
010140	Beit Qad	Jenin
010145	Tura Al Gharbiya	Jenin
010150	Tura Ash Sharqiya	Jenin
010155	Al Hashimiya	Jenin
010160	Umm Qabub	Jenin
010165	Nazlat Ash Sheikh Zeid	Jenin
010170	At Tarem	Jenin
010175	Khirbet Al Muntar Al Gharbiya	Jenin
010180	Jenin	Jenin
010185	Jenin Camp	Jenin
010190	Jalbun	Jenin
010195	'Aba	Jenin
010200	Khirbet Mas'ud	Jenin
010205	Khirbet Al Muntar Ash Sharqiya	Jenin
010210	Kafr Qud	Jenin
010215	Deir Abu Da'if	Jenin
010220	Birqin	Jenin
010225	Umm Dar	Jenin
010230	Al Khuljan	Jenin
010235	Wad Ad Dabi'	Jenin

Locality Code	Locality Name	Governorate
010240	Dhafer Al 'Abed	Jenin
010245	Zabda	Jenin
010255	Qeiqis	Jenin
010260	Al Manshiya	Jenin
010265	Ya'bad	Jenin
010270	'Arab As Suweitat	Jenin
010275	Kufeirit	Jenin
010280	Khirbet Sab'ein	Jenin
010285	Imreiha	Jenin
010295	Umm At Tut	Jenin
010300	Ash Shuhada	Jenin
010305	Jalqamus	Jenin
010310	Al Mughayyir	Jenin
010315	Al Mutilla	Jenin
010320	Bir Al Basha	Jenin
010325	Tannin	Jenin
010335	Al Hafira	Jenin
010340	Qabatiya	Jenin
010365	Ad Damayra	Jenin
010370	Arraba	Jenin
010375	Khirbet Marah Ar Raha	Jenin
010385	Telfit	Jenin
010390	Khirbet Kharruba	Jenin
010395	Mirka	Jenin
010400	Wadi Du'oq	Jenin
010401	Fahma Al Jadida	Jenin
010405	Raba	Jenin
010410	Al Mansura	Jenin
010415	Misliya	Jenin
010430	Al Jarba	Jenin
010435	Az Zababida	Jenin
010445	Fahma	Jenin
010460	Az Zawiya	Jenin
010465	Kafr Ra'i	Jenin
010485	Al Kufeir	Jenin
010495	Sir	Jenin
010500	'Ajja	Jenin
010505	'Anza	Jenin
010510	Sanur	Jenin
010515	Ar Rama	Jenin
010520	Meithalun	Jenin
010540	Mantiqat Al Heish	Jenin
010565	Al Judeida	Jenin
010585	Al 'Asa'asa	Jenin
010590	Al 'Attara	Jenin
010600	Siris	Jenin
010605	Jaba'	Jenin
010615	Al Fandaqumiya	Jenin
010625	Silat Adh Dhahr	Jenin

Locality Code	Locality Name	Governorate
050420	Bardala	Tubas
050450	'Ein El Beida	Tubas
050455	Kardala	Tubas
050470	Khirbet Tell El Himma	Tubas
050490	Ibziq	Tubas
050525	Salhab	Tubas
050535	'Aqqaba	Tubas
050550	Tayasir	Tubas
050551	Al Farisiya	Tubas
050560	Al 'Aqaba	Tubas
050575	Ath Thaghra	Tubas
050580	Al Malih	Tubas
050610	Tubas	Tubas
050650	Kashda	Tubas
050656	Khirbet Yarza	Tubas
050670	Ras Al Far'a	Tubas
050700	El Far'a Camp	Tubas
050720	Khirbet Ar Ras Al Ahmar	Tubas
050740	Wadi Al Far'a	Tubas
050755	Tammun	Tubas
050790	Khirbet 'Atuf	Tubas
050851	Al Hadidiya	Tubas
050871	Khirbet Humsa	Tubas
100250	'Akkaba	Tulkarm
100290	Qaffin	Tulkarm
100330	Nazlat 'Isa	Tulkarm
100345	An Nazla Ash Sharqiya	Tulkarm
100350	Baqa Ash Sharqiya	Tulkarm
100355	An Nazla Al Wusta	Tulkarm
100360	Nazlat Abu Nar	Tulkarm
100380	An Nazla Al Gharbiya	Tulkarm
100425	Zeita	Tulkarm
100440	Seida	Tulkarm
100475	'Illar	Tulkarm
100480	'Attil	Tulkarm
100530	Deir Al Ghusun	Tulkarm
100545	Al Jarushiya	Tulkarm
100555	Al Masqufa	Tulkarm
100570	Bal'a	Tulkarm
100595	Iktaba	Tulkarm
100620	Nur Shams Camp	Tulkarm
100630	Kafr Rumman	Tulkarm
100635	Tulkarm Camp	Tulkarm
100640	Dhinnaba	Tulkarm
100645	Tulkarm	Tulkarm
100655	'Izbat Abu Khameish	Tulkarm
100665	'Anabta	Tulkarm
100675	Khirbet At Tayyah	Tulkarm
100685	'Izbat Al Khilal	Tulkarm

Locality Code	Locality Name	Governorate
100690	Kafr Al Labad	Tulkarm
100710	Kafa	Tulkarm
100715	Al Haffasi	Tulkarm
100725	'Izbat Shufa	Tulkarm
100730	Ramin	Tulkarm
100735	Far'un	Tulkarm
100760	Shufa	Tulkarm
100780	Khirbet Jubara	Tulkarm
100795	Saffarin	Tulkarm
100800	Beit Lid	Tulkarm
100815	Ar Ras	Tulkarm
100845	Kafr Sur	Tulkarm
100870	Kur	Tulkarm
100895	Kafr Zibad	Tulkarm
100900	Kafr Jammal	Tulkarm
100915	Kafr 'Abbush	Tulkarm
150660	Bizzariya	Nablus
150680	Burqa	Nablus
150695	Yasid	Nablus
150705	Beit Imrin	Nablus
150745	Nisf Jubeil	Nablus
150750	Al Mas'udiya	Nablus
150765	Sabastiya	Nablus
150770	Ijnisinya	Nablus
150775	Talluza	Nablus
150785	An Naqura	Nablus
150805	Al Badhan	Nablus
150810	Deir Sharaf	Nablus
150820	'Asira Ash Shamaliya	Nablus
150825	An Nassariya	Nablus
150835	Zawata	Nablus
150840	Al 'Aqrabaniya	Nablus
150850	Khirbet Tall Al Ghar	Nablus
150855	Qusin	Nablus
150860	Beit Iba	Nablus
150865	Beit Hasan	Nablus
150875	Beit Wazan	Nablus
150880	'Ein Beit El Ma Camp	Nablus
150885	'Ein Shibli	Nablus
150890	Al Juneid	Nablus
150910	'Azmut	Nablus
150920	Nablus	Nablus
150930	'Askar Camp	Nablus
150935	Deir Al Hatab	Nablus
150940	Shihda Wa Hamlan	Nablus
150950	Sarra	Nablus
150955	Salim	Nablus
150960	Balata Camp	Nablus
150975	'Iraq Burin	Nablus

Locality Code	Locality Name	Governorate
150990	Tell	Nablus
151000	Beit Dajan	Nablus
151010	Rujeib	Nablus
151025	Kafr Qallil	Nablus
151030	Furush Beit Dajan	Nablus
151050	Madama	Nablus
151080	Burin	Nablus
151090	Beit Furik	Nablus
151095	'Asira Al Qibliya	Nablus
151135	'Awarta	Nablus
151160	'Urif	Nablus
151176	Khirbet Tana	Nablus
151180	Odala	Nablus
151185	Huwwara	Nablus
151195	'Einabus	Nablus
151200	Yanun	Nablus
151215	Beita	Nablus
151220	Ar Rajman	Nablus
151230	Zeita Jamma'in	Nablus
151235	Jafa An Nun	Nablus
151240	Ad Dawa	Nablus
151245	Jamma'in	Nablus
151265	Osarin	Nablus
151270	Aqraba	Nablus
151285	Za'tara	Nablus
151311	Tall Al Khashaba	Nablus
151325	Yatma	Nablus
151335	Qabalan	Nablus
151345	Jurish	Nablus
151365	Qusra	Nablus
151375	Talfit	Nablus
151380	As Sawiya	Nablus
151385	Majdal Bani Fadil	Nablus
151405	Al Lubban Ash Sharqiya	Nablus
151410	Qaryut	Nablus
151420	Jalud	Nablus
151435	'Ammuriya	Nablus
151445	Duma	Nablus
151450	Khirbet Sarra	Nablus
151465	Khirbet Al Marajim	Nablus
200905	Falamya	Qalqiliya
200925	Kafr Qaddum	Qalqiliya
200945	Jit	Qalqiliya
200965	Baqat Al Hatab	Qalqiliya
200970	Hajja	Qalqiliya
200980	'Izbat Abu Hamada	Qalqiliya
200985	Jayyus	Qalqiliya
200995	Khirbet Sir	Qalqiliya
201005	'Arab Ar Ramadin Ash Shamali	Qalqiliya

Locality Code	Locality Name	Governorate
201015	Far'ata	Qalqiliya
201020	Immatin	Qalqiliya
201035	Al Funduq	Qalqiliya
201040	Qalqiliya	Qalqiliya
201055	An Nabi Elyas	Qalqiliya
201060	Mahattat Tahseen Mansur	Qalqiliya
201065	Kafr Laqif	Qalqiliya
201070	'Arab Abu Farda	Qalqiliya
201075	'Izbat At Tabib	Qalqiliya
201085	Jinsafut	Qalqiliya
201100	'Azzun	Qalqiliya
201105	'Arab Ar Ramadin Al Janubi	Qalqiliya
201115	'Isla	Qalqiliya
201120	Wadi Ar Rasha	Qalqiliya
201125	Habla	Qalqiliya
201130	Ras At Tira	Qalqiliya
201155	Ras 'Atiya	Qalqiliya
201170	Ad Dab'a	Qalqiliya
201175	Kafr Thulth	Qalqiliya
201190	'Izbat Jal'ud	Qalqiliya
201205	Al Mudawwar	Qalqiliya
201210	'Izbat Salman	Qalqiliya
201225	'Izbat Al Ashqar	Qalqiliya
201255	Beit Amin	Qalqiliya
201260	Sanniriya	Qalqiliya
201280	'Azzun 'Atma	Qalqiliya
251150	Wadi Qana	Salfit
251250	Deir Istiya	Salfit
251275	Qarawat Bani Hassan	Salfit
251290	Qira	Salfit
251295	Kifl Haris	Salfit
251300	Marda	Salfit
251305	Biddya	Salfit
251310	Haris	Salfit
251315	Yasuf	Salfit
251320	Mas-Ha	Salfit
251330	Iskaka	Salfit
251340	Sarta	Salfit
251350	Dar Abu Basal	Salfit
251355	'Izbat Abu Adam	Salfit
251360	Az Zawiya	Salfit
251370	Salfit	Salfit
251390	Khirbet Susa	Salfit
251395	Rafat	Salfit
251400	Bruqin	Salfit
251415	Farkha	Salfit
251425	Kafr Ad Dik	Salfit
251430	Deir Ballut	Salfit
251440	Khirbet Qeis	Salfit

Locality Code	Locality Name	Governorate
301455	Qarawat Bani Zeid	Ramallah& Al Bireh
301460	Mazari' An Nubani	Ramallah& Al Bireh
301470	Kafr 'Ein	Ramallah& Al Bireh
301475	'Arura	Ramallah& Al Bireh
301480	Bani Zeid	Ramallah& Al Bireh
301485	'Abwein	Ramallah& Al Bireh
301490	Turmus'ayya	Ramallah& Al Bireh
301495	Al Lubban Al Gharbi	Ramallah& Al Bireh
301500	Sinjil	Ramallah& Al Bireh
301505	Deir As Sudan	Ramallah& Al Bireh
301515	Rantis	Ramallah& Al Bireh
301520	Jilijliya	Ramallah& Al Bireh
301525	'Ajjul	Ramallah& Al Bireh
301530	Al Mughayyir	Ramallah& Al Bireh
301535	'Abud	Ramallah& Al Bireh
301540	An Nabi Salih	Ramallah& Al Bireh
301545	Khirbet Abu Falah	Ramallah& Al Bireh
301550	Umm Safa	Ramallah& Al Bireh
301555	Al Mazra'a Ash Sharqiya	Ramallah& Al Bireh
301560	Deir Nidham	Ramallah& Al Bireh
301565	'Atara	Ramallah& Al Bireh
301570	Deir Abu Mash'al	Ramallah& Al Bireh
301575	Jibiya	Ramallah& Al Bireh
301580	'Ein Samiya	Ramallah& Al Bireh
301585	Burham	Ramallah& Al Bireh
301590	Kafr Malik	Ramallah& Al Bireh
301595	Shuqba	Ramallah& Al Bireh
301600	Kobar	Ramallah& Al Bireh
301605	Qibya	Ramallah& Al Bireh
301610	Silwad	Ramallah& Al Bireh
301615	Yabrud	Ramallah& Al Bireh
301620	Beitillu	Ramallah& Al Bireh
301625	Shabtin	Ramallah& Al Bireh
301630	Jammala	Ramallah& Al Bireh
301635	Bir Zeit	Ramallah& Al Bireh
301640	'Ein Siniya	Ramallah& Al Bireh
301645	Silwad Camp	Ramallah& Al Bireh
301650	Deir Jarir	Ramallah& Al Bireh
301655	Deir 'Ammar	Ramallah& Al Bireh
301660	Deir 'Ammar Camp	Ramallah& Al Bireh
301665	Budrus	Ramallah& Al Bireh
301670	Abu Shukheidim	Ramallah& Al Bireh
301675	Jifna	Ramallah& Al Bireh
301680	Dura Al Qar'	Ramallah& Al Bireh
301685	At Tayba	Ramallah& Al Bireh
301695	Al Mazra'a Al Qibliya	Ramallah& Al Bireh
301700	Al Jalazun Camp	Ramallah& Al Bireh
301705	Abu Qash	Ramallah& Al Bireh
301710	Deir Qaddis	Ramallah& Al Bireh

Locality Code	Locality Name	Governorate
301715	Ni'lin	Ramallah& Al Bireh
301720	'Ein Yabrud	Ramallah& Al Bireh
301725	Kharbatha Bani Harith	Ramallah& Al Bireh
301730	Ras Karkar	Ramallah& Al Bireh
301735	Surda	Ramallah& Al Bireh
301740	Al Janiya	Ramallah& Al Bireh
301745	Al Midya	Ramallah& Al Bireh
301750	Rammun	Ramallah& Al Bireh
301755	Kafr Ni'ma	Ramallah& Al Bireh
301760	Bil'in	Ramallah& Al Bireh
301765	Beitin	Ramallah& Al Bireh
301770	'Ein Qiniya	Ramallah& Al Bireh
301775	Badiw Al Mu'arajat	Ramallah& Al Bireh
301780	Deir Ibzi'	Ramallah& Al Bireh
301785	Deir Dibwan	Ramallah& Al Bireh
301790	Al Bireh	Ramallah& Al Bireh
301795	Khirbet Kafr Sheiyan	Ramallah& Al Bireh
301800	'Ein 'Arik	Ramallah& Al Bireh
301805	Saffa	Ramallah& Al Bireh
301810	Ramallah	Ramallah& Al Bireh
301815	Burqa	Ramallah& Al Bireh
301820	Beit 'Ur At Tahta	Ramallah& Al Bireh
301825	Beituniya	Ramallah& Al Bireh
301830	Al Am'ari Camp	Ramallah& Al Bireh
301835	Qaddura Camp	Ramallah& Al Bireh
301850	Beit Sira	Ramallah& Al Bireh
301855	Kharbatha Al Misbah	Ramallah& Al Bireh
301860	Beit 'Ur Al Fauqa	Ramallah& Al Bireh
301890	At Tira	Ramallah& Al Bireh
301895	Beit Liqya	Ramallah& Al Bireh
301925	Beit Nuba	Ramallah& Al Bireh
351045	Marj Na'ja	Jericho(Ariha)
351110	Az Zubeidat	Jericho (Ariha)
351116	Marj Al Ghazal	Jericho (Ariha)
351140	Al Jiftlik	Jericho (Ariha)
351510	Fasayil	Jericho (Ariha)
351690	Al 'Auja	Jericho (Ariha)
351840	An Nuwei'ma	Jericho (Ariha)
351845	'Ein Ad Duyuk Al Fauqa	Jericho (Ariha)
351865	'Ein As Sultan Camp	Jericho (Ariha)
351880	Deir Quruntul	Jericho (Ariha)
351905	'Ein Ad Duyuk At Tahta	Jericho (Ariha)
351920	Jericho (Ariha)	Jericho (Ariha)
351970	Deir Al Qilt	Jericho (Ariha)
351975	Aqbat Jaber Camp	Jericho (Ariha)
352021	Deir Hajla	Jericho (Ariha)
352075	An Nabi Musa	Jericho (Ariha)
401870	Rafat	Jerusalem (Al Quds)
401875	Kafr 'Aqab	Jerusalem (Al Quds)

Locality Code	Locality Name	Governorate
401885	Mikhmas	Jerusalem (Al Quds)
401900	Qalandiya Camp	Jerusalem (Al Quds)
401910	Jaba' (Tajammu' Badawi)	Jerusalem (Al Quds)
401915	Qalandiya	Jerusalem (Al Quds)
401930	Beit Duqqu	Jerusalem (Al Quds)
401935	Jaba'	Jerusalem (Al Quds)
401940	Al Judeira	Jerusalem (Al Quds)
401945	Ar Ram & Dahiyat Al Bareed	Jerusalem (Al Quds)
401950	Beit 'Anan	Jerusalem (Al Quds)
401955	Al Jib	Jerusalem (Al Quds)
401960	Bir Nabala	Jerusalem (Al Quds)
401965	Beit Ijza	Jerusalem (Al Quds)
401980	Al Qubeiba	Jerusalem (Al Quds)
401985	Kharayib Umm Al Lahim	Jerusalem (Al Quds)
401990	Beit Hanina	Jerusalem (Al Quds)
401995	Biddu	Jerusalem (Al Quds)
402000	An Nabi Samwil	Jerusalem (Al Quds)
402005	Hizma	Jerusalem (Al Quds)
402010	Beit Hanina Al Balad	Jerusalem (Al Quds)
402015	Qatanna	Jerusalem (Al Quds)
402020	Beit Surik	Jerusalem (Al Quds)
402025	Beit Iksa	Jerusalem (Al Quds)
402030	Shu'fat Camp	Jerusalem (Al Quds)
402035	Shu'fat	Jerusalem (Al Quds)
402040	'Anata	Jerusalem (Al Quds)
402045	Al Ka'abina (Tajammu' Badawi)	Jerusalem (Al Quds)
402050	Al 'Isawiya	Jerusalem (Al Quds)
402055	Sheikh Jarrah	Jerusalem (Al Quds)
402060	Wadi Al Joz	Jerusalem (Al Quds)
402065	Az Za'ayyem	Jerusalem (Al Quds)
402070	Bab As Sahira	Jerusalem (Al Quds)
402080	As Suwwana	Jerusalem (Al Quds)
402085	At Tur	Jerusalem (Al Quds)
402090	Jerusalem (Al Quds)	Jerusalem (Al Quds)
402095	Ash Shayyah	Jerusalem (Al Quds)
402100	Al 'Eizariya	Jerusalem (Al Quds)
402105	Ras Al 'Amud	Jerusalem (Al Quds)
402110	Silwan	Jerusalem (Al Quds)
402115	Ath Thuri	Jerusalem (Al Quds)
402120	Abu Dis	Jerusalem (Al Quds)
402125	'Arab Al Jahalin	Jerusalem (Al Quds)
402130	Jabal Al Mukabbir	Jerusalem (Al Quds)
402135	As Sawahira Al Gharbiya	Jerusalem (Al Quds)
402140	Beit Safafa	Jerusalem (Al Quds)
402145	As Sawahira Ash Sharqiya	Jerusalem (Al Quds)
402150	Sharafat	Jerusalem (Al Quds)
402155	Sur Bahir	Jerusalem (Al Quds)
402160	Ash Sheikh Sa'd	Jerusalem (Al Quds)
402165	Umm Tuba	Jerusalem (Al Quds)

Locality Code	Locality Name	Governorate
452170	Al Walaja	BETHLEHEM (Biet LAHM)
452175	Battir	Bethlehem (Biet Lahm)
452180	Al 'Ubeidiya	Bethlehem (Biet Lahm)
452185	'Ayda Camp	Bethlehem (Biet Lahm)
452190	Khallet An Nu'man	Bethlehem (Biet Lahm)
452195	Al 'Aza Camp	Bethlehem (Biet Lahm)
452200	Al Khas	Bethlehem (Biet Lahm)
452205	Al Haddadiya	Bethlehem (Biet Lahm)
452210	Beit Jala	Bethlehem (Biet Lahm)
452215	Wadi Al 'Arayis	Bethlehem (Biet Lahm)
452220	Al Hujeila	Bethlehem (Biet Lahm)
452225	Dar Salah	Bethlehem (Biet Lahm)
452230	Husan	Bethlehem (Biet Lahm)
452235	Wadi Fukin	Bethlehem (Biet Lahm)
452240	Bethlehem (Beit Lahm)	Bethlehem (Biet Lahm)
452245	Juhdum	Bethlehem (Biet Lahm)
452250	Umm Al Qasseis	Bethlehem (Biet Lahm)
452255	Beit Sahur	Bethlehem (Biet Lahm)
452260	Umm 'Asla	Bethlehem (Biet Lahm)
452265	Ad Doha	Bethlehem (Biet Lahm)
452270	Al Khadr	Bethlehem (Biet Lahm)
452275	Ad Duheisha Camp	Bethlehem (Biet Lahm)
452280	Hindaza	Bethlehem (Biet Lahm)
452285	Ash Shawawra	Bethlehem (Biet Lahm)
452290	Ras Al Wad	Bethlehem (Biet Lahm)
452295	Fakht Al Jul	Bethlehem (Biet Lahm)
452300	Artas	Bethlehem (Biet Lahm)
452305	Dhahrat An Nada	Bethlehem (Biet Lahm)
452310	Wadi Umm Qal'a	Bethlehem (Biet Lahm)
452315	Khallet Hamad	Bethlehem (Biet Lahm)
452320	Bureid'a	Bethlehem (Biet Lahm)
452325	Nahhalin	Bethlehem (Biet Lahm)
452330	Al Khushna	Bethlehem (Biet Lahm)
452335	Beit Ta'mir	Bethlehem (Biet Lahm)
452340	Khirbet An Nahla	Bethlehem (Biet Lahm)
452345	Khallet Al Louza	Bethlehem (Biet Lahm)
452350	Rakhme	Bethlehem (Biet Lahm)
452360	Za'tara	Bethlehem (Biet Lahm)
452365	Al 'Asakira	Bethlehem (Biet Lahm)
452370	Ath Thabra	Bethlehem (Biet Lahm)
452375	Al Fureidis	Bethlehem (Biet Lahm)
452380	Al Beida	Bethlehem (Biet Lahm)
452385	Beit Falouh	Bethlehem (Biet Lahm)
452390	Khallet Al Balluta	Bethlehem (Biet Lahm)
452395	Khallet Al Qaranin	Bethlehem (Biet Lahm)
452400	Wadi Rahhal	Bethlehem (Biet Lahm)
452405	Jubbet Adh Dhib	Bethlehem (Biet Lahm)
452410	Al 'Iqab	Bethlehem (Biet Lahm)
452415	Khallet Sakariya	Bethlehem (Biet Lahm)

Locality Code	Locality Name	Governorate
452420	Harmala	Bethlehem (Biet Lahm)
452425	Abu Nujeim	Bethlehem (Biet Lahm)
452430	Khallet Al Haddad	Bethlehem (Biet Lahm)
452440	Al Ma'sara	Bethlehem (Biet Lahm)
452445	Wadi An Nis	Bethlehem (Biet Lahm)
452455	Khirbet Ad Deir	Bethlehem (Biet Lahm)
452460	Jurat Ash Sham'a	Bethlehem (Biet Lahm)
452465	Khallet 'Afana	Bethlehem (Biet Lahm)
452470	Marah Ma'alla	Bethlehem (Biet Lahm)
452475	Al Halqum	Bethlehem (Biet Lahm)
452480	Umm Salamuna	Bethlehem (Biet Lahm)
452490	Al Manshiya	Bethlehem (Biet Lahm)
452495	Tuqu'	Bethlehem (Biet Lahm)
452500	Marah Rabah	Bethlehem (Biet Lahm)
452510	Wadi Muhammad	Bethlehem (Biet Lahm)
452520	Khirbet Tuqu'	Bethlehem (Biet Lahm)
452525	Beit Fajjar	Bethlehem (Biet Lahm)
452535	Al Maniya	Bethlehem (Biet Lahm)
452565	Kisan	Bethlehem (Biet Lahm)
452660	'Arab Ar Rashayida	Bethlehem (Biet Lahm)
452670	Al 'Azazima	Bethlehem (Biet Lahm)
452715	Ar Rawa'in	Bethlehem (Biet Lahm)
502355	Al Jab'a	Hebron (Al Khalil)
502435	Khirbet Ad Deir	Hebron (Al Khalil)
502450	Surif	Hebron (Al Khalil)
502485	Safa	Hebron (Al Khalil)
502505	Khirbet Al Mantara	Hebron (Al Khalil)
502515	Khirbet Mushrif	Hebron (Al Khalil)
502530	Al 'Arrub Camp	Hebron (Al Khalil)
502540	Beit Ummar	Hebron (Al Khalil)
502545	Jala	Hebron (Al Khalil)
502550	Hitta	Hebron (Al Khalil)
502555	Shuyukh Al 'Arrub	Hebron (Al Khalil)
502560	Kharas	Hebron (Al Khalil)
502570	Qila	Hebron (Al Khalil)
502575	Umm Al Butm	Hebron (Al Khalil)
502580	Hamrush	Hebron (Al Khalil)
502585	Nuba	Hebron (Al Khalil)
502590	'Irqan Turad	Hebron (Al Khalil)
502595	Kuziba	Hebron (Al Khalil)
502600	Ras Al Jora	Hebron (Al Khalil)
502605	Al Baqqar	Hebron (Al Khalil)
502610	Shamaliyyat Al Hawa	Hebron (Al Khalil)
502615	Beit Ula	Hebron (Al Khalil)
502620	Sa'ir	Hebron (Al Khalil)
502625	Khirbet Jamrura	Hebron (Al Khalil)
502630	Halhul	Hebron (Al Khalil)
502635	Ash Shuyukh	Hebron (Al Khalil)
502640	Tarqumiya	Hebron (Al Khalil)

Locality Code	Locality Name	Governorate
502645	Bir Musallam	Hebron (Al Khalil)
502650	Qafan Al Khamis	Hebron (Al Khalil)
502655	Beit Kahil	Hebron (Al Khalil)
502665	Ras At Tawil	Hebron (Al Khalil)
502675	Khirbet Al Hasaka	Hebron (Al Khalil)
502680	Beit 'Einun	Hebron (Al Khalil)
502685	Idhna	Hebron (Al Khalil)
502690	Ad Duwwara	Hebron (Al Khalil)
502705	Jurun Al Louz	Hebron (Al Khalil)
502710	Al Khamajat	Hebron (Al Khalil)
502720	Al 'Uddeisa	Hebron (Al Khalil)
502725	Wadi Ar Rim	Hebron (Al Khalil)
502730	Suba	Hebron (Al Khalil)
502735	Qinan An Namir	Hebron (Al Khalil)
502750	Taffuh	Hebron (Al Khalil)
502765	Beit Maqdam	Hebron (Al Khalil)
502770	Al Kum	Hebron (Al Khalil)
502780	Hebron (Al Khalil)	Hebron (Al Khalil)
502785	Humsa	Hebron (Al Khalil)
502795	Al Muwarraq	Hebron (Al Khalil)
502800	Tarusa	Hebron (Al Khalil)
502805	Kureise	Hebron (Al Khalil)
502810	Deir Samit	Hebron (Al Khalil)
502815	Bani Na'im	Hebron (Al Khalil)
502820	Rafada	Hebron (Al Khalil)
502830	Ar Rawa'in	Hebron (Al Khalil)
502835	Beit 'Awwa	Hebron (Al Khalil)
502840	Dura	Hebron (Al Khalil)
502845	Wadih	Hebron (Al Khalil)
502850	At Tabqa	Hebron (Al Khalil)
502855	Qalqas	Hebron (Al Khalil)
502860	Sikka	Hebron (Al Khalil)
502865	Khirbet Salama	Hebron (Al Khalil)
502870	Wadi 'Ubeid	Hebron (Al Khalil)
502875	Fuqeiqis	Hebron (Al Khalil)
502880	Birin	Hebron (Al Khalil)
502885	Al Hijra	Hebron (Al Khalil)
502890	Tawas	Hebron (Al Khalil)
502895	Khursa	Hebron (Al Khalil)
502900	Tarrama	Hebron (Al Khalil)
502905	Al Fawwar Camp	Hebron (Al Khalil)
502910	Al Majd	Hebron (Al Khalil)
502915	Marah Al Baqqar	Hebron (Al Khalil)
502920	Hadab Al Fawwar	Hebron (Al Khalil)
502925	Deir Al 'Asal At Tahta	Hebron (Al Khalil)
502930	Khirbet Abu Hamid	Hebron (Al Khalil)
502935	Al Heila	Hebron (Al Khalil)
502940	Wadi Ash Shajina	Hebron (Al Khalil)
502950	As Sura	Hebron (Al Khalil)

Locality Code	Locality Name	Governorate
502955	Deir Razih	Hebron (Al Khalil)
502960	Ar Rihya	Hebron (Al Khalil)
502965	Zif	Hebron (Al Khalil)
502970	Deir Al 'Asal Al Fauqa	Hebron (Al Khalil)
502975	Khallet Al 'Aqed	Hebron (Al Khalil)
502980	Imreish	Hebron (Al Khalil)
502985	Iskeik	Hebron (Al Khalil)
502990	Hureiz	Hebron (Al Khalil)
502995	Biyar Al 'Arus	Hebron (Al Khalil)
503000	'Abda	Hebron (Al Khalil)
503005	Al Buweib	Hebron (Al Khalil)
503010	Beit Ar Rush At Tahta	Hebron (Al Khalil)
503015	Khirbet Bism	Hebron (Al Khalil)
503020	Ad Duweir	Hebron (Al Khalil)
503025	Al 'Alaqa Al Fauqa	Hebron (Al Khalil)
503030	Wadi As Sada	Hebron (Al Khalil)
503035	Khallet 'Arabi	Hebron (Al Khalil)
503040	Hadab Al 'Alaqa	Hebron (Al Khalil)
503050	Al 'Alaqa At Tahta	Hebron (Al Khalil)
503055	Abu Suhweila	Hebron (Al Khalil)
503060	Qinan An Najma	Hebron (Al Khalil)
503070	Qurnet Ar Ras	Hebron (Al Khalil)
503075	Beit Mirsim	Hebron (Al Khalil)
503080	Ar Rifa'iyya	Hebron (Al Khalil)
503085	Khurisa	Hebron (Al Khalil)
503090	Beit Ar Rush Al Fauqa	Hebron (Al Khalil)
503095	Karma	Hebron (Al Khalil)
503100	Beit 'Amra	Hebron (Al Khalil)
503105	Az Zuweidin	Hebron (Al Khalil)
503110	Wadi Al Kilab	Hebron (Al Khalil)
503115	Khallet Al Maiyya	Hebron (Al Khalil)
503120	Yatta	Hebron (Al Khalil)
503125	Ad Deirat	Hebron (Al Khalil)
503130	Khashem Al Karem	Hebron (Al Khalil)
503135	Kurza	Hebron (Al Khalil)
503145	Rabud	Hebron (Al Khalil)
503150	Umm Lasafa	Hebron (Al Khalil)
503155	Abu Al 'Asja	Hebron (Al Khalil)
503160	Abu Al Ghuzlan	Hebron (Al Khalil)
503165	Al Bireh	Hebron (Al Khalil)
503170	Al Burj	Hebron (Al Khalil)
503175	Al Muntar	Hebron (Al Khalil)
503185	Abu Al 'Urqan	Hebron (Al Khalil)
503190	I'zeiz	Hebron (Al Khalil)
503195	Juwai & Kafr Jul	Hebron (Al Khalil)
503205	Al Faqir	Hebron (Al Khalil)
503215	Al Karmil	Hebron (Al Khalil)
503220	Qinan Jaber	Hebron (Al Khalil)
503225	Khallet Salih	Hebron (Al Khalil)

Locality Code	Locality Name	Governorate
503230	As Simiya	Hebron (Al Khalil)
503235	Somara	Hebron (Al Khalil)
503245	Adh Dhahiriya	Hebron (Al Khalil)
503255	At Tuwani	Hebron (Al Khalil)
503260	Ma'in	Hebron (Al Khalil)
503265	An Najada	Hebron (Al Khalil)
503270	Khirbet Deir Shams	Hebron (Al Khalil)
503280	Ar Rakeez	Hebron (Al Khalil)
503285	Khirbet Shuweika	Hebron (Al Khalil)
503290	Khirbet Sarura	Hebron (Al Khalil)
503295	'Anab Al Kabir	Hebron (Al Khalil)
503300	Khirbet Asafi	Hebron (Al Khalil)
503305	Khirbet Al Maq'ura	Hebron (Al Khalil)
503310	Mantiqat Shi'b Al Batin	Hebron (Al Khalil)
503315	Qawawis	Hebron (Al Khalil)
503320	As Samu'	Hebron (Al Khalil)
503325	Khirbet Tawil Ash Shih	Hebron (Al Khalil)
503330	Khirbet At Tabban	Hebron (Al Khalil)
503335	Ar Ramadin	Hebron (Al Khalil)
503340	Khirbet Al Majaz	Hebron (Al Khalil)
503345	Maghayir Al 'Abeed	Hebron (Al Khalil)
503350	Khirbet Al Fakheit	Hebron (Al Khalil)
503355	Khirbet At Tawamin	Hebron (Al Khalil)
503360	Khirbet Bir Al 'Idd	Hebron (Al Khalil)
503365	Haribat An Nabi	Hebron (Al Khalil)
503375	Khirbet Zanuta	Hebron (Al Khalil)
503380	Imneizil	Hebron (Al Khalil)
503385	Khirbet Al Kharaba	Hebron (Al Khalil)
503395	Khirbet Ghuwein Al Fauqa	Hebron (Al Khalil)
503400	Khirbet Ar Rahwa	Hebron (Al Khalil)
503405	'Arab Al Fureijat	Hebron (Al Khalil)
552681	Al Qaraya Al Badawiya ( Al Maslakh )	North Gaza
552695	Beit Lahiya	North Gaza
552740	Beit Hanun	North Gaza
552745	'Izbat Beit Hanun	North Gaza
552755	Jabalya Camp	North Gaza
552760	'Arab Maslakh Beit Lahya	North Gaza
552790	Jabalya	North Gaza
602700	Madinat Al 'Awda	Gaza
602775	Ash Shati' Camp	Gaza
602825	Gaza	Gaza
602945	Al Mughraqa (Abu Middein)	Gaza
603045	Juhor Ad Dik	Gaza
653065	An Nuseirat Camp	Deir Al Balah
653140	Al Bureij Camp	Deir Al Balah
653180	Az Zawayda	Deir Al Balah
653200	Deir Al Balah Camp	Deir Al Balah
653210	Al Maghazi Camp	Deir Al Balah
653240	Deir Al Balah	Deir Al Balah

Locality Code	Locality Name	Governorate
653250	Al Musaddar	Deir Al Balah
653275	Wadi As Salqa	Deir Al Balah
703370	Al Qarara	Khan Yunis
703390	As Sureij	Khan Yunis
703410	Khan Yunis Camp	Khan Yunis
703415	Al Mawasi (Khan Yunis)	Khan Yunis
703420	Khan Yunis	Khan Yunis
703425	Bani Suheila	Khan Yunis
703430	'Abasan Al Jadida(As Saghira)	Khan Yunis
703445	'Abasan Al Kabira	Khan Yunis
703450	Qizan An Najjar	Khan Yunis
703455	Qa' Al Kharaba	Khan Yunis
703465	Qa' Al Qurein	Khan Yunis
703470	Khuza'a	Khan Yunis
703475	Umm Kameil	Khan Yunis
703480	Umm Al Kilab	Khan Yunis
703485	Al Fukhkhari	Khan Yunis
753435	Al Mawasi (Rafah)	Rafah
753440	Al Qarya As Suwaydiya	Rafah
753460	Tall As Sultan Camp	Rafah
753490	Rafah	Rafah
753495	Rafah Camp	Rafah
753500	Al Bayuk	Rafah
753505	Shokat As Sufi	Rafah

*Annex 3*

**PHC DIAGNOSIS CODE TABLE**

<b>Principal Diagnosis in PHC</b>	
<b>Data Element Name</b>	Principle Diagnosis in PHC
<b>Reference ID</b>	D010
<b>Data Element Type</b>	Data element
<b>Definition</b>	The diagnosis established after study to be chiefly responsible for occasioning the patient's episode of care in attendance at the primary health care facility.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Usage and Content:** Health services: the principal diagnosis in PHC is one of the most valuable health data elements. It is used for epidemiological research, case mix studies and planning purposes.

**Codes and Values:** Principal Diagnosis in PHC

**Technical Comments:** Each episode of non-admitted patient care must have a principal diagnosis and may have additional diagnoses. The diagnosis can include a disease, condition, injury, poisoning, sign, symptom, abnormal finding, complaint, or other factor influencing health status.

## PHC DIAGNOSIS CODE TABLE

Code	Name of Disease
<b>A</b>	<b>General &amp; Unspecified</b>
A 10	Tuberculosis
A 11	Measles
A 12	Chickenpox
A 13	Malaria
A 14	Rubella
A 15	Brucellosis
A 16	Poisoning By Medical Agent
A 17	Adverse Effect Medical Agent
A 18	Toxic Effect Non-Medicinal
A 19	Adverse Effect Physical Factors
A 20	Allergy/ Allergic Reaction NOS
A 21	Health Maintenance/ Preventive
A 22	Erythema Infectiosum (Fifth Disease)
A 23	Exanthem Subitum (Roseola Infantum)
A 24	Scarlet Fever
A 25	Infectious Mononucleosis
A 26	Rickettsial Infection
A 27	Headache
A 28	Food Poisoning
A 29	Typhoid
A 30	Organic Phosphorous Poisoning
<b>B</b>	<b>Blood</b>
B 10	Lymphadenitis Acute
B 11	Hereditary Haemolytic Anaemias
B 12	Iron Deficiency Anaemia
B 13	Anaemia Vit B12/Folate Deficiency
B 14	Anaemia Other/Unspecified
B 15	Purpura/ Coagulation Defects
B 16	Blood/ Lymph/ Spleen Disease, Other
B 99	Leukaemia
<b>D</b>	<b>Digestive</b>
D 10	Diarrhoea
D 11	Constipation
D 12	Gastrointestinal Infection
D 13	Mumps
D 14	Viral Hepatitis
D 15	Duodenal Ulcer
D 16	Peptic Ulcer, Other
D 17	Appendicitis
D 18	Inguinal Hernia
D 19	Abdominal Hernia
D 20	Irritable Bowel Syndrome
D 21	Anal Fissure/Perianal Abscess
D 22	Worms/Other Parasites
D 23	Cholecystitis, Cholelithiasis
D 24	Stomatitis
D 25	Tongue Disorders
D 26	Gastric Ulcer
D 27	Dysphagia

Code	Name of Disease
<b>D 28</b>	Oesophagitis (GORD)
<b>D 29</b>	Dyspepsia
<b>D 30</b>	Gastro Intestinal Bleeding
<b>D 31</b>	Intestinal Tumours
<b>D 32</b>	Ascites
<b>F</b>	<b>Eye</b>
<b>F 10</b>	Conjunctivitis, Infectious
<b>F 11</b>	Conjunctivitis, Allergic
<b>F 12</b>	Belpharitis/Stye/Chalazion
<b>F 13</b>	Foreign Body In Eye
<b>F 14</b>	Blocked Lacrimal Duct Of Infant
<b>F 15</b>	Corneal Ulcer
<b>F 16</b>	Refractive Error
<b>F 17</b>	Cataract
<b>F 18</b>	Glaucoma
<b>F 19</b>	Strabismus
<b>F 20</b>	Eye/Adnexa Disease, Other
<b>F 21</b>	Visual Impairment
<b>F 22</b>	Retinal Detachment
<b>F 23</b>	Ectropion
<b>F 99</b>	Diabetic Retinopathy
<b>H</b>	<b>Ear</b>
<b>H 10</b>	Otitis Externa
<b>H 11</b>	Acute Otitis Media/Myringitis
<b>H 12</b>	Chronic Otitis Media
<b>H 13</b>	Foreign Body In Ear
<b>H 14</b>	Perforation Ear Drum
<b>H 15</b>	Ear Injury, Other
<b>H 16</b>	Excessive Ear Wax
<b>H 17</b>	Vertiginous Syndromes
<b>H 18</b>	Ear/Mastoid Disease, Other
<b>H 19</b>	Deafness
<b>H 99</b>	Glue Ear
<b>K</b>	<b>Circulatory</b>
<b>K 10</b>	Rheumatic Fever/Heart Disease
<b>K 11</b>	Congenital Anomaly, Cardiovascular
<b>K 12</b>	Ischaemic Heart Disease With Angina
<b>K 13</b>	Acute Myocardial Infarction
<b>K 14</b>	Heart Failure
<b>K 15</b>	Cardiac Arrhythmia NOS
<b>K 16</b>	Heart/Arterial Murmur NOS
<b>K 17</b>	Hypertension, Uncomplicated
<b>K 18</b>	Hypertension, Complicated
<b>K 19</b>	Postural Hypotension
<b>K 20</b>	Transient Cerebral Ischaemia
<b>K 21</b>	Stroke/ Cerebrovascular Accident
<b>K 22</b>	Atherosclerosis/ Peripheral Vascular Disease
<b>K 23</b>	Phlebitis And Thrombophlebitis
<b>K 24</b>	Varicose Veins Of Leg
<b>K 25</b>	Haemorrhoids
<b>K 26</b>	Cor-Pulmonale

<b>Code</b>	<b>Name of Disease</b>
<b>K 27</b>	Deep Vein Thrombosis
<b>K 28</b>	Chronic Venous Insufficiency
<b>K 29</b>	Raynaud 'S Phenomenon
<b>K 30</b>	Lymphoedma
<b>K 31</b>	Anaphylactic Shock
<b>K 32</b>	Hypovolaemic Shock
<b>K 33</b>	Cardiogenic Shock
<b>K 34</b>	Cardiomyopathy
<b>L</b>	<b>Locomotor</b>
<b>L 10</b>	Infection Of Musculoskeletal System
<b>L 11</b>	Fracture:Radius/Ulna
<b>L 12</b>	Fracture:Tibia/Fibula
<b>L 13</b>	Fracture:Hand/Foot Bone
<b>L 14</b>	Fracture: Femur
<b>L 15</b>	Fracture,Others
<b>L 16</b>	Sprain And Strains Of Ankle
<b>L 17</b>	Sprain And Strains Of Knee
<b>L 18</b>	Sprain And Strains Of Joint NOS
<b>L 19</b>	Dislocation And Subluxation
<b>L 20</b>	Bursitis/Tendonitis/Synovitis
<b>L 21</b>	Rheumatoid Arthritis
<b>L 22</b>	Tennis Elbow
<b>L 23</b>	Osteoporosis
<b>L 24</b>	Wry Neck
<b>L 25</b>	Painful Arc Syndrome (Rotatory Cuff Syndrome)
<b>L 26</b>	Subacromial Bursitis
<b>L 27</b>	Chondromalacia Patellae
<b>L 28</b>	Disc Prolapse
<b>L 29</b>	Perthe 'S Disease
<b>L 30</b>	Slipped Femoral Epiphysis
<b>L 31</b>	Oa
<b>L 32</b>	Bakers Cyst
<b>L 33</b>	Meniscal Tear Of Knee
<b>L 34</b>	Muscle Disease
<b>L 35</b>	Osteomalacia
<b>N</b>	<b>Neurological</b>
<b>N 10</b>	Paralysis / Weakness
<b>N 11</b>	Polimyelitis
<b>N 12</b>	Meningitis/Encephalitis
<b>N 13</b>	Tetanus
<b>N 14</b>	Head Injury, Other
<b>N 15</b>	Parkinsonism
<b>N 16</b>	Epilepsy
<b>N 17</b>	Migraine
<b>N 18</b>	Facial Paralysis
<b>N 19</b>	Carpal Tunnel Syndrome
<b>N 20</b>	Peripheral Neuritis/Neuropathy
<b>N 21</b>	Neurological Disease, Other
<b>N 22</b>	Carpal Tunnel Disease
<b>N 99</b>	Autonomic Neuropathy ; Impotence
<b>P</b>	<b>Psychological</b>

Code	Name of Disease
P 10	Feeling Anxious/Nervous/Tense
P 11	Sleep Disturbances
P 12	Stammering, Stuttering, Tics
P 13	Eating Problem In Children
P 14	Bedwetting/Enuresis
P 15	Chronic Alcohol Abuse
P 16	Acute Alcohol Abuse
P 17	Tobacco Abuse
P 18	Drug Abuse
P 19	Dementia
P 20	Schizophrenia
P 21	Depressive Disorder
P 22	Suicide/Suicideattempt
P 23	Phobia
P 24	Personality Disorder
P 25	Mental Retardation
P 26	Psychosis NOS, Others
P 99	Anorexia Nervosa
<b>R</b>	<b>Respiratory</b>
R 10	Nose Bled/Epistaxis
R 11	Voice Symptom/Complaint
R 12	Respiratory Symptom/Complaint, Other
R 13	Whooping Cough
R 14	Boil, Abscess Nose
R 15	Upper Respiratory Infection, Acute
R 16	Sinusitis Acute/Chronic
R 17	Tonsillitis Acute
R 18	Laryngitis/Tracheitis
R 19	Acute Bronchitis/Broncholitis
R 20	Chronic Bronchitis
R 21	Influenza
R 22	Pneumonia
R 23	Respiratory Infection, Other
R 24	Foreign Body Nose/Larynx/Bronchus
R 25	Hypertrophy Tonsils/ Adenoids
R 26	Chronic Pulmonary Obstructive Disease
R 27	Asthma
R 28	Allergic Rhinitis
R 29	Haemoptysis
R 30	Croup (Laryngotracheobronchitis)
R 31	Acute Respiratory Failure
R 32	Pulmonary Fibrosis
R 33	Pulmonary Oedema
R 34	Pulmonary Neoplasm
R 35	Hiccup
R 36	Laryngomalacia
R 37	Laryngeal Neoplasm
R 38	Nasopharyngitis
R 39	Pleurisy
R 40	Pneumothorax
R 41	Nasal Polyp

Code	Name of Disease
<b>S</b>	<b>Skin</b>
S 10	Pruritis
S 11	Wart
S 12	Infected Finger/Toe
S 13	Boil/ Carbuncle
S 14	Insect Bite/Sting
S 15	Animal/Human Bite
S 16	Foreign Body In The Skin
S 17	Skin Injury, Others
S 18	Corns/Callositis
S 19	Hair Loss/Baldness
S 20	Herpes Zoster
S 21	Herpes Simplex
S 22	Scabies And Others
S 23	Pediculosis/Skin Infestations, Others
S 24	Dermatophytosis
S 25	Monoliasis
S 26	Skin Infection Other
S 27	Lipoma
S 28	Solar Keratosis/Sunburn
S 29	Nevus/Mole
S 30	Impetigo
S 31	Pilonidal Cyst/Fistula
S 32	Dermatitis/Seboreic
S 33	Dermatitis, Contact/Allergic
S 34	Diaper Rash
S 35	Pityriasis Rosea
S 36	Psoriasis
S 37	Sebaceous Cyst
S 38	Ingrowing Nail
S 39	Chronic Ulcer Skin
S 40	Urticaria
S 41	Pityriasis Alba
S 42	Pityriasis Versicolor
S 43	Skin Disese, Other
S 44	Acne Vulgaris
S 45	Erythema Multiforme
S 46	Hyperhidrosis
S 47	Dyshidrotic Eczema (Ppmphalyx)
S 48	Lichen Planus
S 49	Hypopigmentation;(Vitiligo , Albinism)
S 99	Rosacea
<b>T</b>	<b>Endocrine, Metabolic,&amp; Nutritional</b>
T 10	Growth Delay
T 11	Dehydraion
T 12	Goitre
T 13	Obesity
T 14	Hyperthiordism
T 15	Hypothiordism
T 16	Diabetes/Insulin Dependent
T 17	Diabetes/Non Insulin Dependent

Code	Name of Disease
T 18	Vitamin/Nutritional Deficiency
T 19	Gout
T 20	Lipid Disorder
T 21	Endocrine/Metabolic/Nutritional Disease,Others
T 22	Rickets
T 23	Phenylketonuria
T 24	Hypoglycaemia
T 25	Cushings Disease
T 26	Breast Feeding
T 27	Short Stature
T 99	Diabetic Ketoacidosis
U	Urinary System
U 10	Incontinence Urine
U 11	Urination Problem, Other
U 12	Haematuria Microscopic
U 13	Urinary Retention
U 14	Urinary Calculus
U 15	Abnormal Urine Test NOS
U 16	Urinary Disease, Other
U 17	Nephrotic Syndrome
U 18	Urinary Tract Infection
U 19	Vesico Ureteric Reflux
U 20	Chronic Renal Failure
U 21	Prostatitis
U 22	Prostatic Malignancy
U 99	Congenital Renal Problem
W	Pregnancy
W 10	Antepartum Bleeding
W 11	Contraception, Oral
W 12	Contraception, Intrauterine
W 13	Sterilization
W 14	Contraception, Other
W 15	Infertility/Subfertility
W 16	Postpartum Bleeding
W 17	Postpartum Symptom/Complaint
W 18	Breast/Lactation Symptom/Complaint
W 19	Puerperal Infection
W 20	Injury Complicating Pregnancy
W 21	Pregnancy
W 22	Ectopic Pregnancy
W 23	Toxaemia Of Pregnancy
W 24	Abortion Spontaneous
W 25	Pregnancy High Risk
W 26	Gestational Diabetes
W 27	Complication Of Puerperium, Other
W 99	Disorder Of Pregnancy/Delivery, Other
X	Female Genital
X 10	Menstrual Pain
X 11	Painfull Intercourse
X 12	Menstruation Absent/Scanty
X 13	Menstruation Excessive

<b>Code</b>	<b>Name of Disease</b>
<b>X 14</b>	Menstruation Irregular/Frequent
<b>X 15</b>	Permenstrual Symptom/Complaint
<b>X 16</b>	Menopausal Symptom/Complaint
<b>X 17</b>	Post-Menopausal Bleeding
<b>X 18</b>	Vulval Symptom/Complaint
<b>X 19</b>	Pelvis Symptom/Complaint
<b>X 20</b>	Breast Lump
<b>X 21</b>	Nipple Symptom/Complaint
<b>X 22</b>	Breast Symptom/Complaint, Other
<b>X 23</b>	Fibromyoma Uterus
<b>X 24</b>	Abnormal Pap Smear
<b>X 25</b>	Uterovaginal Prolapse
<b>X 26</b>	Prenenstrual Tension Syndrome
<b>X 27</b>	Genital Disease, Other
<b>X 28</b>	Infertility
<b>X 29</b>	Ovarian Cyst
<b>X 99</b>	Ovarian Malignancy
<b>Y</b>	<b>Male Genital</b>
<b>Y 10</b>	Pain In The Testis/Scrotum
<b>Y 11</b>	Prostate Symptom/Complaint
<b>Y 12</b>	Infertility/Subfertility
<b>Y 13</b>	Orchitis/Epididmitis
<b>Y 14</b>	Injury Genital Male
<b>Y 15</b>	Phimosis
<b>Y 16</b>	Hypospadias
<b>Y 17</b>	Undescended Testicle
<b>Y 18</b>	Benign Prostat Hypertrophy
<b>Y 19</b>	Hydrocele
<b>Y 20</b>	Varicocele
<b>Y 21</b>	Sexual Dysfunction
<b>Y 22</b>	Paraphimosis
<b>Z</b>	<b>STD's</b>
<b>Z 10</b>	Syphilis
<b>Z 11</b>	Gonorrhea Male
<b>Z 12</b>	Gonorrhoea, Female
<b>Z 13</b>	Genital Candidiasis
<b>Z 14</b>	Genital Trichomoniasis
<b>Z 15</b>	Pelvic Inflammatory Disease
<b>Z 16</b>	Genital Herpes
<b>Z 17</b>	Vaginal Discharge
<b>Z 18</b>	Urethral Discharge
<b>Z 19</b>	Urethral Discharge
<b>Z 20</b>	Genital Ulcer
<b>Z 21</b>	Genital Swelling
<b>Z 22</b>	Genital Warts
<b>Z 23</b>	Hiv/Aids
<b>Z 99</b>	Other STD

*Annex 4*

**ESSENTIAL DRUGS LIST (EDL) CODE TABLE**

Essential Drugs List (EDL)	
<b>Data Element Name</b>	Essential Drugs List (EDL)
<b>Reference ID</b>	Z001
<b>Data Element Type</b>	Data element
<b>Definition</b>	The Palestinian EDL was born and developed under the umbrella of World Health Organization and with their full support. The available drugs in Gaza (550) and the West Bank (700) were merged into one list. The drugs on the list were compared to the last version of the WHO EDL and classified accordingly. The formulary is structured on 30 therapeutic groups.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	9

**Usage and Content:** Health Services: Emphasize that the selection of a limited list of drugs is one of the most cost-effective areas for intervention.

**Codes and Values:** Concatenation of:  
A      Type of healthcare product  
NN     Name of category  
N      Name of sub category  
N      Name of sub-sub category  
NN     Dosage form  
NN     Product number

**Technical Comments:** *The Palestinian EDL was structured following the WHO model. The drugs are classified according to pharmacological groups and subgroups; each group or subgroup was alphabetized.*

**Please note that one drug might appear in more than one group.**

The Palestinian EDL classification is reported using a nine alphanumeric code. The first character is the code to indicate type healthcare product; followed by two numeric codes to indicate name of category; followed by one digit code to indicate name of subcategory, followed by one digit code to indicate name of sub-subcategory, followed by two digits code to indicate dosage form. The remaining two digits are the numerical code for the product name.

**For Example:** E            EDL  
                         06        ANTI INFECTIVE DRUGS  
                         2         ANTI BACTERIALS  
                         1         B-LACTAM DRUGS  
                         11        VIAL  
**E06211107** BENZYL PENICILLIN 10 MILL IU

## THERAPEUTIC GROUPS AND SUB-GROUP

#	Therapeutic Groups And Sub-Group
<b>1</b>	<b>Anaesthetics</b>
1.1	General Anaesthetics & Oxygen
1.2	Local Anaesthetics
<b>2</b>	<b>Analgesics, Antipyretics, Nsaids, &amp; Antigout</b>
2.1	Non Opioids
2.2	Opioid Analgesics
2.3	Drugs Used To Treat Gout
<b>3</b>	<b>Anti Allergics &amp; Drugs Used In Anaphylaxis</b>
<b>4</b>	<b>Antidotes</b>
4.1	Non Specific
4.2	Specific
<b>5</b>	<b>Anti Convulsant</b>
<b>6</b>	<b>Anti Infective Drugs</b>
6.1	Anthelminthics
6.2	Anti Bacterials
6.2.1	B-Lactam Drugs
6.2.2	Others
6.2.4	Antituberculosis Drugs
6.3	Anti Fungal Drugs
6.4	Anti Viral Drugs
6.5	Anti Protozoal Drugs
6.5.1	Antiamoebic & Antigiardiasis
6.5.2	Antimalarial Drugs
<b>7</b>	<b>Antimigraine Drugs</b>
7.1	For Acute Attack
7.2	For Prophylaxis
<b>8</b>	<b>Antineoplastics, Immunosuppressives &amp; Drugs Used In Palliative Care</b>
8.1	Immunosuppressive Drugs
8.2	Cytotoxic Drugs
8.3	Hormone & Antihormones
<b>9</b>	<b>Anti Parkinsonism Drugs</b>
<b>10</b>	<b>Drugs Effecting Blood</b>
10.1	Anti Anaemic Drugs
10.2	Drugs Affecting Coagulation
<b>11</b>	<b>Blood Products &amp; Plasma Substitutes</b>
11.1	Plasma Substitutes
11.2	Plasma Fractions For Specific Uses
<b>12</b>	<b>Drugs Affecting C.V.S</b>
12.1	Anti Anginal Drugs
12.2	Anti Arrhythmic Drugs
12.3	Antihypertensives
12.4	Drugs Used In Heart Failure
12.5	Anti Thrombotic Drugs
<b>13</b>	<b>Dermatological Drugs</b>

#	Therapeutic Groups And Sub-Group
13.1	Anti Fungal Drugs
13.2	Anti Infective Drugs
13.3	Anti Inflammatory & Anti Pruritic
13.5	Drugs Affecting Skin Differentiation And Proliferation
13.6	Scabicides & Pediculicides
13.7	Ultraviolet-Blocking Agents
<b>14</b>	<b>Diagnostic Agents</b>
14.1	Ophthalmic Drugs
14.2	Radioccontrast Media
<b>15</b>	<b>Antiseptics &amp; Disinfectants</b>
15.1	Antiseptics
15.2	Disinfectants
<b>16</b>	<b>Diuretics</b>
<b>17</b>	<b>Gastro Intestinal Drugs</b>
17.1	Antacid & Other Anti Ulcer Drugs
17.2	Anti Emetics
17.3	Antihemorrhoidal Drugs
17.4	Anti Inflammatory Drugs
17.5	Anti Spasmodics
17.6	Laxatives & Cathartics
17.7	Drugs Used In Diarrhoea
17.7.1	Oral REHYDRATION SALTS
17.7.2	Antidiarrhoeal Drugs
17.8	Drugs Affecting Intestinal Secretions
<b>18</b>	<b>Hormones, Other Endocrine Drugs &amp; Contraceptives</b>
18.1	Adrenal Hormones & Synthetic Substituents
18.2	Androgens
18.3	Contraceptives & Sex Hormones
18.3.1	Hormonal Contraceptives
18.3.2	Intrauterine Devices
18.3.3	Barrier Methods
18.3.4	Spermicides
18.4	Estrogens
18.5	Insulins & Other Drugs Used In Diabetes
18.6	Ovulation Inducers
18.7	Progestogens
18.8	Thyroid & Antithyroid Drugs
18.9	Others
<b>19</b>	<b>Immunologicals</b>
19.1	Diagnostic Agents
19.2	Sera & Immunoglobulin
19.3	Vaccines
<b>20</b>	<b>Muscle Relaxants</b>
<b>21</b>	<b>Ophthalmological Preparation</b>
21.1	Anti Infectives
21.2	Anti Inflammatory & Antiallergic Agents
21.3	Local Anaesthetics
21.4	Miotics & Antiglucoma Drugs
21.5	Mydriatics
21.6	Ocular Lubricants

#	Therapeutic Groups And Sub-Group
<b>22</b>	<b>Oxytocics &amp; Antioxytocics</b>
22.1	Oxytocics & Uterine Relaxants
22.2	Antioxytocics
<b>23</b>	<b>Hemodialysis &amp; C.A.P.D Solution</b>
<b>24</b>	<b>Psychotherapeutic Drugs</b>
24.1	Drugs Used In Psychotic Disorder
24.2	Drugs Used In Mood Disorders
24.3	Drugs Used In Generalized Anxiety And Sleep Disorders
24.4	Drugs Used In Obsessive-Compulsive Disorders And Panic Attacks
<b>25</b>	<b>Drugs Acting On R.T.S</b>
25.1	Anti Asthmatics
<b>26</b>	<b>Solution Correcting Water, Electrolyte, &amp; Acid Base Disturbances</b>
26.1	Oral Rehydration
26.2	Parental Rehydration
26.3	Miscellaneous
<b>27</b>	<b>Vitamins &amp; Minerals</b>
<b>28</b>	<b>Drugs Affecting U.T.S.</b>
28.1	Nocturnal Enuresis
<b>29</b>	<b>Nutritional Supplements</b>
<b>30</b>	<b>Antivertigo Drugs</b>

## DOSAGE FORM

Code	Description	Code	Description
01	ENEMA	47	DIALYSIS SOLN.
02	DEVICE	51	OINT.
11	VIAL	52	CREAM
12	AMP.	53	JELLY
13	CART	54	E/OINT
21	TAB.	55	LOTION
22	CAP.	56	GEL/LOTI.
23	S.G.C.	57	CR/OINT
31	SYR.	61	SUPP.
32	SUSP.	62	VAG.TAB.
33	ELIXIR	63	OVULE
41	LIQUID	71	DROPS
42	SOLN.	72	E/DROPS
43	I.V SOLN.	81	AERESOL
44	EMULSION	82	INHAL
45	TOPICAL SOLN.	91	POWDER
46	SCRUB		

## PALESTINIAN ESSENTIAL DRUGS LIST

MOH Code	Name of Category and Products	Dosage Form	PHC Level
<b>1</b>	<b>Anaesthetics</b>		
<b>1.1</b>	<b>General Anaesthetics &amp; Oxygen</b>		
<b>E01104104</b>	Enflurane 250 Ml	LIQUID	
<b>E01104108</b>	Halothane Bp 250 Ml	LIQUID	
<b>E01104112</b>	Isoflurane . 100 Ml	LIQUID	
<b>E01101116</b>	Ketamine Hcl 50 Mg . 10 Ml	VIAL	
<b>E01101220</b>	Midazolam Im, Iv . 5 Mg	AMP.	
<b>E01108224</b>	Nitrous Oxide	INHAL	
<b>E01108228</b>	Oxygen	INHAL	
<b>E01101232</b>	Propofol 10 Mg/ Ml . 20 Ml	AMP.	
<b>E01101136</b>	Thiopental Sodium 1 G	VIAL	
<b>1.2</b>	<b>Local Anaesthetics</b>		
<b>E01201104</b>	Bupivacaine 0.25%	VIAL	
<b>E01201208</b>	Bupivacaine Hcl Spinal 0.5%	AMP.	
<b>E01201212</b>	Ephedrine Hcl 50 Mg	AMP.	
<b>E01201216</b>	Lidocaine Hcl 1% Iv . 10 Ml	AMP.	Yes
<b>E01201220</b>	Lidocaine Hcl 2% Iv . 10 Ml	AMP.	Yes
<b>E01201324</b>	Lidocaine Hcl 2% + Epinephrine 1:200000	CART	Yes
<b>E01205328</b>	Lidocaine Hcl 2% . 30 G	JELLY	Yes
<b>E01201232</b>	Lidocaine Hcl 4% Iv . 10 Ml	AMP.	
<b>E01201336</b>	Mepivacaine 3 %	CART	Yes
<b>2</b>	<b>Analgesics, Antipyretics, Nsaids, &amp; Antigout</b>		
<b>2.1</b>	<b>Non Opioids</b>		
<b>E02102104</b>	Acetylsalicylic Acid 500 Mg	TAB.	Yes
<b>E02102108</b>	Diclofenac Sodium 50 Mg	TAB.	Yes
<b>E02101212</b>	Diclofenac Sodium 75 Mg	AMP.	Yes
<b>E02106116</b>	Indomethacin 100 Mg	SUPP.	Yes
<b>E02103120</b>	Paracetamol 125 Mg / 5 Ml . 60 Ml	SYR.	Yes
<b>E02106124</b>	Paracetamol 150 Mg	SUPP.	Yes
<b>E02106128</b>	Paracetamol 300 Mg	SUPP.	
<b>E02102132</b>	Paracetamol 500 Mg	TAB.	Yes
<b>2.2</b>	<b>Opioid Analgesics</b>		
<b>E02202104</b>	Codeine Phosphate 20 Mg	TAB.	
<b>E02201208</b>	Fentanyl 0.1 Mg/2 Ml	AMP.	
<b>E02201212</b>	Fentanyl 0.5 Mg/10 Ml	AMP.	
<b>E02201216</b>	Morphine 10 Mg	AMP.	
<b>E02202120</b>	Morphine Sulphate 10 Mg Sr	TAB.	
<b>E02202124</b>	Morphine Sulphate 30 Mg Sr	TAB.	
<b>E02202128</b>	Oxycodone Hcl 4.5 Mg + Oxycod.Tereph. 0.38 Mg+ Aspirin 325 Mg	TAB.	
<b>E02201232</b>	Pethidine 50 Mg	AMP.	
<b>2.3</b>	<b>Drugs Used To Treat Gout</b>		
<b>E02302104</b>	Allopurinol 100 Mg	TAB.	Yes
<b>E02302108</b>	Colchicine 500 Mcg	TAB.	Yes
<b>3</b>	<b>Anti Allergics &amp; Drugs Used In Anaphylaxis</b>		
<b>E03002104</b>	Chlorpheniramine Malaete 2 Mg	TAB.	Yes
<b>E03003108</b>	Chlorpheniramine Malaete 2 Mg / 5 Ml. 60 Ml	SYR.	Yes
<b>E03001212</b>	Dexamethasone 4 Mg	AMP.	Yes
<b>E03002116</b>	Dexamethasone 0.5 Mg	TAB.	Yes
<b>E03001220</b>	Epinephrine 1 Mg / 1 Ml Im,Iv,Sc	AMP.	Yes
<b>E03001124</b>	Hydrocortisone 100 Mg	VIAL	Yes
<b>E03002128</b>	Prednisolone 5 Mg	TAB.	Yes
<b>E03001232</b>	Promethazine 50 Mg/ 2 Ml	AMP.	Yes

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E03003136	PROMETHAZINE 5mg/5ml	SYR.	
<b>4</b>	<b>Antidotes</b>		
<b>4.1</b>	<b>Non Specific</b>		
E04109104	Activated Charcoal	POWDER	Yes
E04103108	Ipecac	SYR.	Yes
<b>4.2</b>	<b>Specific</b>		
E04201204	Acetylcysteine 20 %	AMP.	
E04201208	Atropine Sulphate 1 Mg. 1 Ml Im,Iv,Sc	AMP.	Yes
E04201212	Desferrioxamine Mesyl. 500 Mg	AMP.	
E04201216	Flumazenil 0.5 Mg	AMP.	
E04201220	Methylene Blue 1%.	AMP.	
E04201224	Naloxone 0.4 Mg/ Ml	AMP.	
E04201228	Neostigine Methylsulphate 2.5 Mg/Ml	AMP.	
E04201232	Obidoxime Chloride	AMP.	
E04202236	Penicillamine 250 Mg	CAP.	
E04201240	Calcium Disodium Edetate 200 Mg/Ml	AMP.	
<b>5</b>	<b>Anti Convulsant</b>		
E05003104	Carbamazepine 2% 250 Ml	SYR.	Yes
E05002108	Carbamazepine 200 Mg	TAB.	Yes
E05002112	Clonazepam 2 Mg	TAB.	Yes
E05007116	Clonazepam 2.5 Mg / Ml . 10 Ml	DROPS	Yes
E05002220	Ethosuximide 250 Mg	CAP.	Yes
E05001224	Magnesium Sulphate 50%	AMP.	
E05002128	Phenobarbital Na 15 Mg	TAB.	Yes
E05002132	Phenobarbital Na 100 Mg	TAB.	Yes
E05002236	Phenytoin Sodium 100 Mg	CAP.	Yes
E05001240	Phenytoin Sodium 250 Mg . 5 Ml	AMP.	
E05002144	Sodium Valproate 200 Mg	TAB.	Yes
E05003148	Sodium Valproate 200 Mg/ 5 Ml . 110 Ml	SYR.	Yes
<b>6</b>	<b>Anti Infective Drugs</b>		
<b>6.1</b>	<b>Anthelmintics</b>		
E06102104	Albendazole 400 Mg	TAB.	Yes
E06102108	Mebendazole 100 Mg	TAB.	Yes
E06103212	Mebendazole 100 Mg / 5 Ml . 30 Ml	SUSP.	Yes
E06102116	Niclosamide 500 Mg	TAB.	Yes
<b>6.2</b>	<b>Anti Bacterials</b>		
<b>6.2.1</b>	<b>B-Lactam Drugs</b>		
E06212204	Amoxicillin 250 Mg	CAP.	Yes
E06212208	Amoxicillin 500 Mg	CAP.	Yes
E06213212	Amoxicillin 250 Mg / 5 Ml , 100 Ml	SUSP.	Yes
E06211116	Ampicillin 500 Mg I.V	VIAL	
E06211120	Ampicillin 1 G I.V	VIAL	
E06211124	Benzathine Benzylpenicillin 1.2 Mill Iu	VIAL	Yes
E06211128	Benzylpenicillin 1o Mill Iu	VIAL	
E06211132	Cefazolin Sodium 1 G	VIAL	
E06211136	Ceftazidime 1 G	VIAL	
E06211140	Ceftriaxone 1 G	VIAL	
E06212144	Cefuroxime 250 Mg	TAB.	
E06212148	Cefuroxime 500 Mg	TAB.	
E06211152	Cefuroxime 750 Mg	VIAL	
E06212256	Cephalexin 250 Mg	CAP.	Yes
E06213260	Cephalexin 250 Mg/ 5 Ml . 100 Ml	SUSP.	Yes
E06212264	Cephalexin 500 Mg	CAP.	Yes
E06211168	Cloxacillin Sodium 500 Mg	VIAL	

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E06212272	Cloxacillin Sodium 250 Mg	CAP.	Yes
E06213276	CLOXACILLIN SODIUM 250 Mg / 5ml. 60 MI	SUSP.	Yes
E06211180	Procaine Benzylpenicillin 2 Mill. I.U	VIAL	Yes
E06212184	Phenoxymethylpenicillin 250 Mg	TAB.	Yes
E06213288	Phenoxymethylpenicillin 250 Mg/ 5 MI 100 MI	SUSP.	Yes
6.2.2	<b>Others</b>		
E06221104	Amikacin Sulphate 500 Mg	VIAL	
E06221108	Chloramphenicol 1 G Iv	VIAL	
E06221112	Ciprofloxacin 200 Mg	VIAL	
E06222116	Ciprofloxacin 250 Mg	TAB.	Yes
E06222120	Ciprofloxacin 500 Mg	TAB.	Yes
E06221224	Clindamycin 600 Mg	AMP.	
E06222228	Doxycycline 100 Mg	CAP.	Yes
E06221232	Erythromycin 300 Mg	AMP.	
E06222136	Erythromycin 250 Mg	TAB.	Yes
E06221240	Erythromycin 200 Mg / 5 MI . 100 MI	SUSP.	Yes
E06221244	Gentamicin 80 Mg	AMP.	
E06221148	Metronidazole 500 Mg . 100 MI	VIAL	
E06222152	Nalidixic Acid 500 Mg	TAB.	Yes
E06223256	TRIMETHOPRIM 40 Mg + SULPHAMETH. 200mg/ 5 MI 100 MI	SUSP.	Yes
E06222160	Trimethoprim 80 Mg + Sulphameth. 400 Mg	TAB.	Yes
E06221164	Vancomycin 500 Mg	VIAL	
6.2.4	<b>Antituberculosis Drugs</b>		
E06242104	Ethambutol Hcl 400 Mg	TAB.	Yes
E06242108	Isoniazide 50 Mg	TAB.	Yes
E06242112	Pyrazinamide 500 Mg	TAB.	Yes
E06243116	Rifampicin 2% . 50 MI	SYR.	Yes
E06242220	Rifampicin 300 Mg	CAP.	Yes
E06241124	Streptomycin 1 G	VIAL	Yes
6.3	<b>Anti Fungal Drugs</b>		
E06301104	Amphotericin B 50 Mg I.V	VIAL	
E06302108	Griseofulvin 125 Mg	TAB.	Yes
E06303212	Griseofulvin 125 Mg/ 5 MI	SUSP.	Yes
E06302116	Ketoconazole 200 Mg	TAB.	Yes
E06306220	Miconazole Nitrate 400 Mg	VAG.TAB.	Yes
E06303224	Nystatin 100000 U / MI. 30 MI .( Oral )	SUSP.	Yes
6.4	<b>Anti Viral Drugs</b>		
E06402104	Acyclovir 200 Mg	TAB.	
E06401108	Acyclovir 250 Mg	VIAL	
E06402112	Amantadine Sulphate 100 Mg	TAB.	
E06402216	Indinavir 400 Mg	CAP.	
E06402220	Lamivudine 150 Mg	CAP.	
E06402124	Zalcitabine 0.75 Mg	TAB.	
E06402228	Zidovudine 100 Mg	CAP.	
6.5	<b>Anti Protozoal Drugs</b>		
6.5.1	<b>Antiamoebic &amp; Antigiardiasis Drugs</b>		
E06513204	Metronidazole 125 Mg/ 5 MI. 100 MI	SUSP.	Yes
E06512108	Metronidazole 250 Mg	TAB.	Yes
E06514212	Sodium Stibogluconate 100 Mg/ MI. 100 MI.Bott	SOLN.	
6.5.2	<b>Antimalarial Drugs</b>		
E06522104	Chloroquine 250 Mg	TAB.	Yes
7	<b>Antimigraine Drugs</b>		
7.1	<b>For Acute Attack</b>		
E02102104	Acetylsalicylic Acid 500 Mg	TAB.	Yes
E02102132	Paracetamol 500 Mg	TAB.	Yes

MOH Code	Name of Category and Products	Dosage Form	PHC Level
<b>7.2</b>	<b>For Prophylaxis</b>		
<b>E07202104</b>	Propranolol 40 Mg	TAB.	<b>Yes</b>
<b>8</b>	<b>Antineoplastics, Immunosuppressives &amp; Drugs Used In Palliative Care</b>		
<b>8.1</b>	<b>Immunosuppressive Drugs</b>		
<b>E08102104</b>	Azathioprine 50 Mg	TAB.	
<b>E08102208</b>	Cyclosporine 100 Mg	CAP.	
<b>E08104212</b>	Cyclosporine 100 Mg/Ml 50 Ml	SOLN.	
<b>E08102216</b>	Cyclosporine 25 Mg	CAP.	
<b>E08102220</b>	Cyclosporine 50 Mg	CAP.	
<b>8.2</b>	<b>Cytotoxic Drugs</b>		
<b>E08205102</b>	5-Fluorouracil 5%. 20 G	OINT.	
<b>E08201104</b>	5-Fluorouracil 1 G	VIAL	
<b>E08201106</b>	Actinomycin D 0.5 Mg	VIAL	
<b>E08201108</b>	Adriamycin 10 Mg	VIAL	
<b>E08201110</b>	Adriamycin 50 Mg	VIAL	
<b>E08201112</b>	L-Asparaginase 10000 I.U .	VIAL	
<b>E08201114</b>	Bleomycin 15 I.U	VIAL	
<b>E08202116</b>	BUSULFAN 2mg	TAB.	
<b>E08202118</b>	Calcium Folate 15 Mg.	TAB.	
<b>E08201220</b>	Calcium Folate 50 Mg.	AMP.	
<b>E08201122</b>	Carmustine 100 Mg	VIAL	
<b>E08202124</b>	Chlorambucil 2 Mg	TAB.	
<b>E08201126</b>	Cisplatinum 10 Mg	VIAL	
<b>E08201128</b>	Cisplatinum 50 Mg	VIAL	
<b>E08202130</b>	Cyclophosphamide 50 Mg	TAB.	
<b>E08201132</b>	Cyclophosphamide 500 Mg	VIAL	
<b>E08201134</b>	Cytarabine 100 Mg	VIAL	
<b>E08201236</b>	Daunorubicin 20 Mg	AMP.	
<b>E08201138</b>	Dacarbazine 200 Mg	VIAL	
<b>E08201140</b>	ETOPOSIDE VP-16-213 100mg/5ml .	VIAL	
<b>E08201142</b>	Filgrastim 300 Mcg / Ml . 1 Ml	VIAL	
<b>E08201144</b>	Molgramostim 300 Mcg/Ml	VIAL	
<b>E08202246</b>	Hydroxyurea 500 Mg	CAP.	
<b>E08201148</b>	Interferon Alpha -2 A . 3 Mill. I.U.	VIAL	
<b>E08202150</b>	Megestrol Acetate 40 Mg	TAB.	
<b>E08202152</b>	Melphalan 2 Mg	TAB.	
<b>E08202154</b>	Mercaptopurine 50 Mg	TAB.	
<b>E08202156</b>	Methotrexate Sodium 2.5 Mg	TAB.	
<b>E08201158</b>	Methotrexate Sodium 50 Mg	VIAL	
<b>E08201160</b>	Methotrexate Sodium 500 Mg	VIAL	
<b>E08201162</b>	Mitomycin 2 Mg	VIAL	
<b>E08201164</b>	Mitomycin 10 Mg	VIAL	
<b>E08201166</b>	MITOXANTRONE Hcl 20 Mg/10ml	VIAL	
<b>E08202268</b>	Procarbazine 50 Mg	CAP.	
<b>E08202170</b>	Thioguanine 40 Mg	TAB.	
<b>E08201272</b>	Vinblastine Sulphate 10 Mg . 10 Ml	AMP.	
<b>E08201274</b>	Vincristine Sulphate 1 Mg	AMP.	
<b>8.3</b>	<b>Hormone &amp; Antihormones</b>		
<b>E08302104</b>	Cyproterone 50 Mg	TAB.	
<b>E08301208</b>	Goserelin 3.6 Mg	AMP.	
<b>E08301212</b>	Triptorelin 3.75 Mg	AMP.	
<b>E08302116</b>	Tamoxifen 10 Mg	TAB.	
<b>9</b>	<b>Anti Parkinsonism Drugs</b>		
<b>E09002104</b>	Bromocriptine Mesylate 2.5 Mg	TAB.	
<b>E09002108</b>	Levodopa 250 Mg + Carbidopa 25 Mg	TAB.	<b>Yes</b>

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E09002112	Trihexphenidyl 2 Mg	TAB.	Yes
E09002116	Trihexphenidyl 5 Mg	TAB.	Yes
<b>10</b>	<b>Drugs Effecting Blood</b>		
<b>10.1</b>	<b>Anti Anaemic Drugs</b>		
E10101104	Erythropoietin 2000 I.U	VIAL	
E10102108	Ferrous Sulphate 160 Mg	TAB.	Yes
E10103112	Ferrous Carbonate 15 Mg + Vit. C 100 Mg/ 5 Ml . 80 Ml	SYR.	Yes
E10102116	Ferrous Sulf 160 Mg + Folic Acid 400 Mcg	TAB.	Yes
E10102120	Folic Acid 5 Mg	TAB.	Yes
E10101224	Hydroxocobalamin 1000 Mcg	AMP.	
<b>10.2</b>	<b>Drugs Affecting Coagulation</b>		
E10201204	Enoxaparin 20 Mg Amp	AMP.	
E10204208	Desmopressin Acetate. 0.1mg / Ml. Intranasal.	SOLN.	Yes
E10201112	Heparin 5000 Iu / Ml . 5 Ml	VIAL	
E10201216	Phytomenadione 2 Mg / 1 Ml	AMP.	
E10201220	Phytomenadione 10 Mg/ 1 Ml	AMP.	
E10201224	Protamine Sulphate 10 Mg/Ml. 5 Ml	AMP.	
E10202128	Tranexamic Acid 500 Mg	TAB.	
E10201232	Tranexamic Acid 500 Mg	AMP.	
E10202136	Warfarin Sodium 5 Mg	TAB.	Yes
<b>11</b>	<b>Blood Products &amp; Plasma Substitutes</b>		
<b>11.1</b>	<b>Plasma Substitutes</b>		
E11104204	Hydroxyethyl Starch 500 Ml	SOLN.	
<b>11.2</b>	<b>Plasma Fractions For Specific Uses</b>		
E11201104	Factor Ix	VIAL	
E11201108	Factor Viii	VIAL	
E11201112	Normal Albumin (Human) Serum. 25% . 50ml	VIAL	
<b>12</b>	<b>Drugs Affecting C.V.S</b>		
<b>12.1</b>	<b>Anti Anginal Drugs</b>		
E12102104	Atenolol 100 Mg	TAB.	Yes
E12102108	Isosorbide Dinitrate 5 Mg Sl	TAB.	Yes
E12102112	Isosorbide 5- Mononitrate 20 Mg	TAB.	Yes
E12102216	Isosorbide 5- Mononitrate 40 Mg	CAP.	Yes
E12101220	NITROGLYCERIN 1mg/1ml	AMP.	
E12102324	Nifedipine 10 Mg	S.G.C.	Yes
E12102128	Propranolol Hcl 10 Mg	TAB.	Yes
E07202132	Propranolol Hcl 40 Mg	TAB.	Yes
E12101236	Propranolol Hcl 1 Mg	AMP.	
E12102140	Verapamil Hcl 40 Mg	TAB.	Yes
E12102144	Verapamil Hcl 80 Mg	TAB.	Yes
E12101248	Verapamil Hcl 5 Mg/2 Ml	AMP.	
<b>12.2</b>	<b>Anti Arrhythmic Drugs</b>		
E12201204	Amiodarone 150 Mg	AMP.	
E12202108	Amiodarone Hcl 200 Mg	TAB.	Yes
E12102104	Atenolol 100 Mg	TAB.	Yes
E12203316	Digoxin 0.05 Mg / Ml . 60 Ml	ELIXIR	Yes
E12202120	Digoxin 0.25 Mg	TAB.	Yes
E12201224	Digoxin 0.5 Mg	AMP.	
E12201228	Isoprenaline Hcl 200 Mcg /Ml. 5 Ml	AMP.	
E12202132	Procainamide 250 Mg	TAB.	Yes
E12202136	Quinidin Sulphate 200 Mg	TAB.	Yes
E12102140	Verapamil Hcl 40 Mg	TAB.	Yes
E12102144	Verapamil Hcl 80 Mg	TAB.	Yes
<b>12.3</b>	<b>Antihypertensives</b>		

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E12102104	Atenolol 100 Mg	TAB.	Yes
E12302108	Captopril 25 Mg	TAB.	Yes
E12301212	Dihydralazine 25 Mg	AMP.	
E12302116	Diltiazem 60 Mg	TAB.	Yes
E12302120	Enalapril Malaete 20 Mg	TAB.	Yes
E12302124	Enalapril Malaete 5 Mg	TAB.	Yes
E12302128	Hydralazine 10 Mg	TAB.	
E12302132	Hydralazine 25 Mg	TAB.	Yes
E12302136	Hydralazine 50 Mg	TAB.	
E12302140	Methyldopa 250 Mg	TAB.	Yes
E12102324	Nifedipine 10 Mg	S.G.C.	Yes
E12302148	Nifedipine 20 Mg	TAB.	Yes
E12302152	PRAZOSIN Hcl 1mg	TAB.	Yes
E12302156	Prazosin Hcl 2 Mg	TAB.	Yes
E12301260	Sodium Nitroprusside 50 Mg	AMP.	
12.4	<b>Drugs Used In Heart Failure</b>		
E12401204	ADRENALINE 1mg , 1 ML	AMP.	
E12401108	Dobutamine Hcl 250 Mg	VIAL	
E12401212	Dopamine 200 Mg	AMP.	
E12401216	Phenylephrine Hcl 1%	AMP.	
12.5	<b>Anti Thrombotic Drugs</b>		
E12502104	Acetylsalicylic Acid 100 Mg	TAB.	Yes
E12501108	Streptokinase 1.5 Mill. I.U	VIAL	
13	<b>Dermatological Drugs</b>		
13.1	<b>Anti Fungal Drugs</b>		
E13105104	Benzoic Acid 6% + Salicylic Acid 3%	OINT.	
E13105208	Miconazole 2%	CREAM	Yes
E13103212	Selenium Sulphide 2.5%. 100 ML	SUSP.	Yes
13.2	<b>Anti Infective Drugs</b>		
E13205104	Chloramphenicol 3% . 10 G	OINT.	
E13205108	Gentamicin 0.1% . 15 G	OINT.	
E13204212	Potassium Permanganate 1:10000	SOLN.	Yes
E13205216	Silver Sulphadiazine 1%	CREAM	Yes
13.3	<b>Anti Inflammatory &amp; Anti Pruritic</b>		
E13305204	Betamethasone Val. 0.1% . 15 G	CREAM	Yes
E13305508	Calamine 15% + Zinc Oxide 5% ,100 ML	LOTION	Yes
E13305112	Clobetasol Propionate 0.05% . 25 G	OINT.	
E13305216	Hydrocortisone Acetate 1%	CREAM	Yes
13.5	<b>Drugs Affecting Skin Differentiation And Proliferation</b>		
E13502204	Acetretin 10 Mg	CAP.	
E13505608	Benzoyl Peroxide 5% W/W. 40 G	GEL/LOTI.	Yes
E13505212	Coal Tar 5% + Allantoin 2%	CREAM	Yes
E13505716	Urea 10%	CR/OINT	Yes
13.6	<b>Scabicides &amp; Pediculicides</b>		
E13605504	Benzylbenzoate 25%. 100 ML	LOTION	Yes
E13605508	Permethrine 1%	LOTION	Yes
13.7	<b>Ultraviolet-Blocking Agents</b>		
E13705504	Alkyl Methoxycinnamate + Alkylmethoxy- Dibenzoylmethane. Spf=15 100 ML	LOTION	Yes
E13705208	Zinc Oxide	CREAM	Yes
14	<b>Diagnostic Agents</b>		
14.1	<b>Ophthalmic Drugs</b>		
E14107204	Fluorescein 1%	E/DROPS	
E14107208	Tropicamide 0.5%	E/DROPS	
14.2	<b>Radiocontrast Media</b>		
E14209104	Barium Sulphate 92.5% .	POWDER	

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E14201108	Iohexol 240 . ( Omnipaque) 20 Ml	VIAL	
E14204212	Meglumine Amidotrizoate 0.26 G + Sodium Amidotrizoate 0.04 G/MI .(Urografin 30%) 250 Ml	SOLN.	
E14201216	Amidotrizoic Acid 76% ( Urografin 76% ). 20 Ml	AMP.	
E14204220	Meglumine Amidotrizoate 0.66 G/MI + Sodium Amidotrizoate 0.1g/MI (Gastrograffin)	SOLN.	
E14204224	Meglumine Ioxitalamate 51.3 G + Sodium Ioxitalamate 25.65 G/100 Ml(Telebrix 38)	SOLN.	
E14204228	Meglumine Ioxitalamate 19.81 G/30 Ml. Iv (Telebrix 30)	SOLN.	
<b>15</b>	<b>Antiseptics &amp; Disinfectants</b>		
<b>15.1</b>	<b>Antiseptics</b>		
E15104604	Chlorhexidine Gluc. 4% .	SCRUB	
E15104508	Chlorhexidine Gluc. 1.5% + Cetrimide 15 %	SOLN.	Yes
E15104512	Ethyl Alcohol 70%	SOLN.	Yes
E15105116	Povidone Iodine 10 %.	OINT.	Yes
E15104520	Povidone Iodine 10% .	SOLN.	Yes
E15104624	Povidone Iodine 7.5% .	SCRUB	
<b>15.2</b>	<b>Disinfectants</b>		
E15202104	Triclosene Sodium 2.5 G	TAB.	
<b>16</b>	<b>Diuretics</b>		
E16002104	Amiloride Hcl 5mg + Hyd.Ch.Thiazide 50 Mg	TAB.	Yes
E16001208	Furosemide 20 Mg	AMP.	Yes
E16001212	Furosemide 250 Mg	AMP.	
E16002116	Furosemide 40 Mg	TAB.	Yes
E16004220	Mannitol 20% . 500 Ml	SOLN.	
E16002124	Spironolactone 100 Mg	TAB.	Yes
<b>17</b>	<b>Gastro Intestinal Drugs</b>		
<b>17.1</b>	<b>Antacid &amp; Other Anti Ulcer Drugs</b>		
E17102104	Aluminum Hydroxide Gel 190 Mg + Mag. Trisilicate 330 Mg	TAB.	Yes
E17103208	Al(OH)3 + Mg(OH)2 200 Ml	SUSP.	Yes
E17102112	Calcium Carbonate 600 Mg.	TAB.	Yes
E17101216	Ranitidine 50 Mg	AMP.	
E17102120	Ranitidine Hcl 150 Mg	TAB.	Yes
<b>17.2</b>	<b>Anti Emetics</b>		
E17202104	Metoclopramide 10 Mg	TAB.	Yes
E17201208	Metoclopramide 10 Mg / 2 Ml	AMP.	Yes
E17202112	Tropisetron 5 Mg	TAB.	
E17201216	Tropisetron 5 Mg	AMP.	
<b>17.3</b>	<b>Antihemorrhoidal Drugs</b>		
E17306104	Local Anest. + Astringent + Antiinflammatory	SUPP.	Yes
E17305108	Local Anest. + Astringent + Antiinflammatory	OINT.	Yes
<b>17.4</b>	<b>Anti Inflammatory Drugs</b>		
E17402104	5-Aminosalicylic Acid 250 Mg	TAB.	Yes
<b>17.5</b>	<b>Anti Spasmodics</b>		
E17502104	Hyoscine N-Butylbromide 10 Mg	TAB.	Yes
E17501208	Hyoscine N-Butylbromide 20 Mg	AMP.	Yes
<b>17.6</b>	<b>Laxatives &amp; Cathartics</b>		
E17602104	Bisacodyl 5 Mg	TAB.	Yes
E17606108	Glycerin 1.4 G	SUPP.	Yes
E17606112	Glycerin 2.7 G	SUPP.	
E17603116	Lactul. 50% + Galac. 8% + Lact. 5% . W/W . 100 Ml	SYR.	Yes
E17600120	Sodium Biphosph. 16 G + Sodium Phosph. 6 G/100 Ml.250 Ml	ENEMA	
<b>17.7</b>	<b>Drugs Used In Diarrhoea</b>		
<b>17.7.1</b>	<b>Oral Rehydration Salts</b>		
E17719104	Oral Rehydration Salts (O.R.S.)	POWDER	Yes
<b>17.7.2</b>	<b>Antidiarrhoeal Drugs</b>		
E17722104	Lopramide 2 Mg	TAB.	Yes

MOH Code	Name of Category and Products	Dosage Form	PHC Level
<b>17.8</b>	<b>Drugs Affecting Intestinal Secretions</b>		
<b>E17802204</b>	Pancreatic Preparation 150 Mg	CAP.	
<b>18</b>	<b>Hormons, Other Endocrine Drugs &amp; Contraceptives</b>		
<b>18.1</b>	<b>Adrenal Hormones &amp; Synthetic Substituents</b>		
<b>E03002212</b>	Dexamethasone 4 Mg	AMP.	Yes
<b>E03002116</b>	Dexamethasone 0.5 Mg	TAB.	Yes
<b>E18102112</b>	Dexamethasone 2 Mg	TAB.	
<b>E18101216</b>	Dexamethasone 20 Mg	AMP.	
<b>E18102120</b>	Fludrocortisone Acetate 0.1 Mg	TAB.	Yes
<b>E18102124</b>	Hydrocortisone 10 Mg	TAB.	Yes
<b>E03001124</b>	Hydrocortisone 100 Mg	VIAL	
<b>E18101132</b>	Hydrocortisone 500 Mg	VIAL	
<b>E18102136</b>	Prednisolone 20 Mg	TAB.	Yes
<b>E03002128</b>	Prednisolone 5 Mg	TAB.	Yes
<b>18.2</b>	<b>Androgens</b>		
<b>E18201204</b>	Testosterone 250 Mg	AMP.	
<b>18.3</b>	<b>Contraceptives &amp; Sex Hormones</b>		
<b>18.3.1</b>	<b>Hormonal Contraceptives</b>		
<b>E18312104</b>	Ethinodiol Diacetate 0.5 Mg	TAB.	Yes
<b>E18312108</b>	Levonorgestrel 0.15 Mg+ Ethinylestradiol 0.03 Mg	TAB.	Yes
<b>E18311112</b>	Medroxyprogesterone 150 Mg	VIAL	Yes
<b>18.3.2</b>	<b>Intrauterine Devices</b>		
<b>E18320204</b>	Copper -T	DEVICE	Yes
<b>E18320208</b>	Multiload	DEVICE	Yes
<b>18.3.3</b>	<b>Barrier Methods</b>		
<b>E18330204</b>	Condom With Spermicide	DEVICE	Yes
<b>18.3.4</b>	<b>Spermicides</b>		
<b>E18346304</b>	Nonoxynol-9 140 Mg + Ricinoleic Acid 25 Mg	OVULE	Yes
<b>18.4</b>	<b>Estrogens</b>		
<b>E18402104</b>	Conjugated Oestrogens 0.625 Mg	TAB.	Yes
<b>18.5</b>	<b>Insulins &amp; Other Drugs Used In Diabetes</b>		
<b>E18502104</b>	Glibenclamide 5 Mg	TAB.	Yes
<b>E18501108</b>	Glucagon Lyophilized 1 Mg	VIAL	Xx
<b>E18501112</b>	Insulin Actrapid Hm 100 U/ ML . 10 ML	VIAL	Yes
<b>E18501116</b>	Insulin Human 30/70 . 100 U/ ML . 10 ML	VIAL	Yes
<b>E18501120</b>	Insulin Nph Hm 100 U/ ML . 10 ML	VIAL	Yes
<b>E18502124</b>	Metformin 850 Mg	TAB.	Yes
<b>18.6</b>	<b>Ovulation Inducers</b>		
<b>E18602104</b>	Clomiphene Citrate 50 Mg	TAB.	Yes
<b>18.7</b>	<b>Progestogens</b>		
<b>E18702104</b>	Norethisterone Acetate 5 Mg	TAB.	Yes
<b>E18702108</b>	MEDROXYPROGESTERONE 5mg	TAB.	Yes
<b>18.8</b>	<b>Thyroid &amp; Antithyroid Drugs</b>		
<b>E18802104</b>	Methimazol 20 Mg	TAB.	Yes
<b>E18802108</b>	Propylthiouracil 50 Mg	TAB.	Yes
<b>E18802112</b>	Thyroxine 100 Mcg	TAB.	Yes
<b>E18802116</b>	Thyroxine 50 Mcg	TAB.	Yes
<b>18.9</b>	<b>Others</b>		
<b>E18901204</b>	Calcitonin 50 Iu ( Synthetic Salmon )	AMP.	
<b>E18902208</b>	Danazol 200 Mg	CAP.	
<b>E18902112</b>	Medroxyprogesterone 100 Mg	TAB.	
<b>E18901216</b>	Octreotide 0.1 Mg/ML	AMP.	
<b>E18901120</b>	Somatropin 12 I.U ( G.H ) .	VIAL	
<b>19</b>	<b>Immunologicals</b>		
<b>19.1</b>	<b>Diagnostic Agents</b>		

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E19101104	Tuberculin,Purified Protein Derivite (Ppd)	VIAL	Yes
19.2	<b>Sera &amp; Immunoglobulin</b>		
E19201104	Anti - Rabic Immunoglobulin 10 MI	VIAL	Yes
E19201108	Anti - Scorpion Serum	VIAL	
E19201112	Anti - Snake Venom Serum	VIAL	
E19201116	Anti Tetanus Human Immun.Glob Serum. 250 I.U	VIAL	
E19201120	Gama Globulin (Human). 16% Serum. 5ml	VIAL	
E19201124	Hepatitis B Immunoglobulin I.M Serum . 5 MI	VIAL	
E19201128	Hepatitis B Immunoglobulin I.V Serum . 2 MI	VIAL	
E19201132	Immun. Glob.Human Anti D 300 Mcg	VIAL	
E19201136	Immunoglobulin G Human 2.5% Infusion. 100 MI	VIAL	
E19201140	Immunoglobulin G Human 5% Infusion. 100 MI	VIAL	
19.3	<b>Vaccines</b>		
E19301104	Anti Rabic Vaccine	VIAL	Yes
E19301108	B.C.G. Vaccine	VIAL	Yes
E19301112	Diphtheria- Tetanus ( Adult ) Vaccine	VIAL	Yes
E19301116	Diphtheria- Tetanus ( Children ) Vaccine	VIAL	Yes
E19301120	Diphtheria-Pertussis-Tetanus	VIAL	Yes
E19301124	Hepatitis B Adult Vaccine	VIAL	Yes
E19301128	Hepatitis B Infant Vaccine	VIAL	Yes
E19301132	Measles Vaccine	VIAL	Yes
E19301136	Meningococcus Vaccine.	VIAL	Yes
E19301140	Mumps,Measles,Rubella Vaccine	VIAL	Yes
E19301144	Polio Salk Vaccine	VIAL	Yes
E19301148	Polio Oral Vaccine	VIAL	Yes
E19301152	Rubella Vaccine	VIAL	Yes
E19301156	Tetanus Toxoid . 5 MI	VIAL	Yes
E19300160	Yellow Fever Vaccine	VIAL	
20	<b>Muscle Relaxants</b>		
E20001204	ALCURONIUM CHLORIDE 10mg	AMP.	
E20001208	Atracurium Besylate 10 Mg /MI . 5 MI	AMP.	
E20001212	Orphenadrin Citrate 30 Mg	AMP.	
E20001216	Pancuronium Br 4 Mg + Sodium Chloride 18 Mg .	AMP.	
E20002120	Pyridostigmine Bromide 60 Mg	TAB.	Yes
E20001224	Suxamethonium Chloride 50 Mg / MI . 2 MI	AMP.	
E20001228	Vecuronium Bromide 4 Mg	AMP.	
21	<b>Ophthalmological Preparation</b>		
21.1	<b>Anti Infectives</b>		
E21105404	Acyclovir E/Oint.	E/OINT	
E21107208	Chloramphenicol 0. 5% .	E/DROPS	Yes
E21107212	Gentamicin 0.3% . 5 MI	E/DROPS	Yes
E21105416	Tetracycline Hcl 1% . 3.5 G	E/OINT	Yes
21.2	<b>Anti Inflammatory &amp; Antiallergic Agents</b>		
E21207204	Dexamethasone 0.1% . 5ml	E/DROPS	Yes
E21207208	Tetrahydrozoline Hcl 0.05% . 10 MI	E/DROPS	Yes
E21207212	Sodium Cromoglycate 2% . 13.5 MI	E/DROPS	Yes
21.3	<b>Local Anaesthetics</b>		
E21307204	Benoxinate Hcl 0.4%	E/DROPS	
21.4	<b>Miotics &amp; Antiglucoma Drugs</b>		
E21402104	Acetazolamide 250 Mg	TAB.	Yes
E21401108	Acetazolamide 500 Mg	VIAL	
E21407212	Pilocarpine Nitrate 4% . 10 MI	E/DROPS	Yes
E21407216	Pilocarpine Nitrate 2% . 10 MI	E/DROPS	Yes
E21407220	Timolol Maleate 0.25% . 5 MI	E/DROPS	Yes
E21407224	Timolol Maleate 0.5% . 5 MI	E/DROPS	Yes

MOH Code	Name of Category and Products	Dosage Form	PHC Level
<b>21.5</b>	<b>Mydriatics</b>		
<b>E21507204</b>	Atropine 1 %. 10 Ml	E/DROPS	Yes
<b>E14107208</b>	Tropicamide 0.5 %	E/DROPS	Yes
<b>21.6</b>	<b>Ocular Lubricants</b>		
<b>E21607204</b>	Artificial Tears 15 Ml .	E/DROPS	Yes
<b>22</b>	<b>Oxytocics &amp; Antioxytocics</b>		
<b>22.1</b>	<b>Oxytocics &amp; Uterine Relaxants</b>		
<b>E22106204</b>	Dinoprostone 3 Mg .	VAG.TAB.	
<b>E22106208</b>	Dinoprostone 0.5 Mg	VAG.TAB.	
<b>E22101212</b>	Dinoprostone 10 Mg / 1 Ml	AMP.	
<b>E22102116</b>	Methylergometrine 0.125 Mg	TAB.	Yes
<b>E22101220</b>	METHYLERGOMETRINE 0.2 Mg . 1ml	AMP.	Yes
<b>E22101224</b>	Oxytocin 10 I.U	AMP.	
<b>22.2</b>	<b>Antioxytocics</b>		
<b>E22202104</b>	Ritodrine Hcl 10 Mg	TAB.	
<b>E22201208</b>	Ritodrine Hcl 10 Mg / Ml . 5 Ml	AMP.	
<b>23</b>	<b>Hemodialysis &amp; C.A.P.D Solution</b>		
<b>E23004704</b>	Hemodialysis Fluid Bicarbonate Part (D 300)	SOLN.	
<b>E23004708</b>	Hemodialysis Fluid-Acidic Component (D 326)	SOLN.	
<b>E23004712</b>	Peritoneal Dialysis Dextrose 1.5 % 1 L	SOLN.	
<b>E23004716</b>	Peritoneal Dialysis Dextrose 1.5 % 2 L	SOLN.	
<b>E23004720</b>	Peritoneal Dialysis Dextrose 4.25 % 1 L	SOLN.	
<b>E23004724</b>	Peritoneal Dialysis Dextrose 4.25 % 2 L	SOLN.	
<b>24</b>	<b>Psychotherapeutic Drugs</b>		
<b>24.1</b>	<b>Drugs Used In Psychotic Disorder</b>		
<b>E24101204</b>	Chlorpromazin I.V 50 Mg	AMP.	Yes
<b>E24102108</b>	Chlorpromazine 100 Mg	TAB.	Yes
<b>E24101112</b>	Fluphenazine Decanoate 25 Mg / Ml. 10 Ml	VIAL	Yes
<b>E24101216</b>	Haloperidol 5 Mg	AMP.	Yes
<b>E24102120</b>	Haloperidol 5 Mg	TAB.	Yes
<b>E24101224</b>	Haloperidol Decanoate 100 Mg	AMP.	Yes
<b>E24102128</b>	Penfluridol 20 Mg	TAB.	Yes
<b>24.2</b>	<b>Drugs Used In Mood Disorders</b>		
<b>E24202104</b>	Amitriptyline Hcl 25 Mg	TAB.	Yes
<b>E05002108</b>	Carbamazepine 200 Mg	TAB.	Yes
<b>E24202112</b>	Lithium Carbonate 300 Mg	TAB.	Yes
<b>24.3</b>	<b>Drugs Used In Generalized Anxiety And Sleep Disorders</b>		
<b>E24302104</b>	Alprazolam 0.25 Mg	TAB.	Yes
<b>E24301208</b>	Diazepam 10 Mg	AMP.	Yes
<b>E24302112</b>	Diazepam 2 Mg	TAB.	Yes
<b>E24302116</b>	Diazepam 5 Mg	TAB.	Yes
<b>24.4</b>	<b>Drugs Used In Obsessive-Compulsive Disorders And Panic Attacks</b>		
<b>E24402104</b>	Imipramine Hcl 25 Mg	TAB.	Yes
<b>E24402108</b>	Clorimipramine Hcl 25 Mg	TAB.	Yes
<b>25</b>	<b>Drugs Acting On R.T.S</b>		
<b>25.1</b>	<b>Anti Asthmatics</b>		
<b>E25101204</b>	Aminophylline 250 Mg/10 Ml	AMP.	Yes
<b>E25108108</b>	Beclomethasone Dipr. 50 Mcg/Metered Dose . 200 Inh.	AERESOL	Yes
<b>E25108112</b>	Beclomethasone Dipr.250 Mcg/Metered Dose . 200 Inh.	AERESOL	Yes
<b>E25104216</b>	Ipratropium Br 0.25 Mg / Ml . 20 Ml	SOLN.	Yes
<b>E25108120</b>	SALBUTAMOL 100mcg / Inhal . 200 INHAL.	AERESOL	Yes
<b>E25102124</b>	Salbutamol 2 Mg	TAB.	Yes
<b>E25103128</b>	Salbutamol 2 Mg / 5 Ml . 150 Ml	SYR.	Yes
<b>E25104232</b>	Salbutamol Sulphate 5 Mg / Ml . 20 Ml	SOLN.	Yes

MOH Code	Name of Category and Products	Dosage Form	PHC Level
E25108136	Sodium Cromoglycate 1 Mg/Inhal. 200 Inhal.	AERESOL	Yes
E25101240	Sodium Cromoglycate 20 Mg . 2 ML.(Nebulizer)	AMP.	
E25102144	Theophylline Anhyd. 100 Mg . S.R	TAB.	Yes
E25102148	Theophylline Anhyd. 300 Mg . S.R	TAB.	Yes
26	<b>Solution Correcting Water, Electrolyte, &amp; Acid Base Disturbances</b>		
26.1	<b>Oral Rehydration</b>		
E26102104	Potassium Chloride 600 Mg . S.R	TAB.	Yes
E17719104	Oral Rehydrating Salt (O.R.S) 27.5 G	POWDER	Yes
26.2	<b>Parenteal Rehydration</b>		
E26204304	Aminoacids With Glucose . 500 Ml Or Alike	SOLN.	
E26204308	Dextrose 4.3% + Saline 0.18% . 500 Ml	SOLN.	
E26204312	Dextrose 5% . 1000 Ml	SOLN.	
E26204316	Dextrose 5% + Saline 0.9% . 500 Ml	SOLN.	
E26204320	Dextrose 5% . 500 Ml	SOLN.	Yes
E26204324	Dextrose 10% . 500 Ml	SOLN.	
E26204328	Dextrose 20% . 500 Ml	SOLN.	
E26204332	Dextrose 50% . 500 Ml	SOLN.	
E26204336	Glycin Irrigation 1.5% 3000 Ml	SOLN.	
E26204440	Fat Emulsion (Intralipid) 10% . 500 Ml	EMULSION	
E26204344	Lactated Ringer . 500 Ml	SOLN.	
E26201248	Potassium Chloride 15% . 10 Ml	AMP.	
E26204352	Saline 0.45% . 500 Ml	SOLN.	
E26204356	Saline 0.9%. 150 Ml	SOLN.	
E26204360	Saline 0.9%. 500 Ml	SOLN.	Yes
E26204364	Saline 0.9%. 3000 Ml	SOLN.	
E26201168	Sodium Bicarbonate 8.4% . 50 Ml	VIAL	
26.3	<b>Miscellaneous</b>		
E26301204	Dist. Water 10 Ml	AMP.	Yes
27	<b>Vitamins &amp; Minerals</b>		
E27002204	Alfacalcidol 0.25 Mcg	CAP.	Yes
E27007108	Alfacalcidol 0.25 Mcg/Drop	DROPS	Yes
E27002212	ALFACALCIDOL 1mcg	CAP.	Yes
E27001216	Ascorbic Acid 500 Mg	AMP.	
E27001220	Calcium Glubionate 10% . 10 Ml	AMP.	
E27007124	Vit.A As Palmitate 500 U + Vit D2. 200 U/ Drop	DROPS	Yes
E27002128	Vitamin B6	TAB.	
28	<b>Drugs Affecting U.T.S.</b>		
28.1	<b>Nocturnal Enuresis</b>		
E24402104	Imipramine Hcl 25 Mg	TAB.	Yes
E28102108	Oxybutynin Hcl 5 Mg	TAB.	
29	<b>Nutritional Supplements</b>		
E29004104	Ensure 240 Ml Or Alike	LIQUID	
E29009108	Lofenalac Or Alike. 454 G	POWDER	Yes
E29009112	Nutramigen 425 G Or Alike	POWDER	
E29009116	Pregestimil . 450 G Or Alike	POWDER	
E29009120	Premature Formula Milk.	POWDER	
E29009124	Prosobee 400 G Or Alike	POWDER	
30	<b>Antivertigo Drugs</b>		
E30002104	Betahistidine 16 Mg	TAB.	Yes

*Annex 5*

**MEDICAL DISPOSABLES CODE TABLE**

<b>Data element name</b>	Medical Disposables
<b>Reference ID</b>	Z002
<b>Data Element Type</b>	Composite Data Element
<b>Definition</b>	A Medical Disposable is any healthcare product, excluding drugs.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	9

**Usage and Contents:**

None

**Codes and Values:**

Concatenation of:

A	Type of healthcare product
NN	Name of category
NN	Name of sub category
NNNN	Product number

**Technical Comments:**

The Standard medical disposables classification is reported using a nine alphanumeric code. The first character is the code to indicate type healthcare product; followed by two numeric codes to indicate name of category; followed by two digits code to indicate name of subcategory. The remaining four digits are the numerical code for the product name.

**For Example:**

D	Medical Disposables
03	Clinical Products
08	Needles and Related Products
0016	Needle Hypodermic Disposable 27g (Middle-Grey)

D-03-08-0016  
Needle Hypodermic Disposable 27g (Middle-Grey)

# MEDICAL DISPOSABLES

MOH Code	Name of Category and Products	Unit of Issue
<b>1</b>	<b>Anaesthetic Products</b>	
<b>1.1</b>	<b>Adaptors And Miscellaneous</b>	
D01010001	Blood Pressure Transducer Set Complete With Cable Sadt	SET
D01010002	Closing Cones, Sterile With Luer Lock Inside And Outside	BOX/100
D01010006	Spirolog Sensors Set	SET/5PCS
<b>1.2</b>	<b>Breathing Circuits</b>	
D01020001	Patient Tubing Set Adult For Bird System	PCS
D01020002	Patient Tubing Set Adult For Drager System	PCS
D01020003	Electrostatic Rebreathing Bag (Rubber) 0.5 Lt	PCS
D01020004	Electrostatic Rebreathing Bag (Rubber) 0.75 Lt	PCS
D01020005	Electrostatic Rebreathing Bag (Rubber) 1 Lt	PCS
D01020006	Electrostatic Rebreathing Bag (Rubber) 2 Lt	PCS
D01020007	Electrostatic Rebreathing Bag (Rubber) 3 Lt	PCS
D01020008	Electrostatic Rebreathing Bag (Rubber) 4 Lt	PCS
D01020009	Patient Tubing Set Adult For Vella System	SET
<b>1.3</b>	<b>Et Tubes, Tracheostomy Tubes</b>	
D01030001	Broncheal Right Catheter 37ch	PCS
D01030013	Endotracheal Tube Plain 2.5mm Id	PCS
D01030014	Endotracheal Tube Plain 3.0mm Id	PCS
D01030015	Endotracheal Tube Plain 3.5mm Id	PCS
D01030016	Endotracheal Tube Plain 4.0mm Id	PCS
D01030017	Endotracheal Tube Plain 4.5mm Id	PCS
D01030018	Endotracheal Tube Preformed With Cuff 3.5mm Id	PCS
D01030019	Endotracheal Tube Preformed With Cuff 4.0mm Id	PCS
D01030020	Endotracheal Tube Preformed With Cuff 4.5mm Id	PCS
D01030021	Endotracheal Tube Preformed With Cuff 5.0mm Id	PCS
D01030022	Endotracheal Tube Preformed With Cuff 5.5mm Id	PCS
D01030023	Endotracheal Tube Preformed Without Cuff 3.0mm Id	PCS
D01030032	Endotracheal Tube With Cuff 5.0mm Id	PCS
D01030033	Endotracheal Tube With Cuff 5.5mm Id	PCS
D01030034	Endotracheal Tube With Cuff 6.0mm Id	PCS
D01030035	Endotracheal Tube With Cuff 6.5mm Id	PCS
D01030036	Endotracheal Tube With Cuff 7.0mm Id	PCS
D01030037	Endotracheal Tube With Cuff 7.5mm Id	PCS
D01030038	Endotracheal Tube With Cuff 8.0mm Id	PCS
D01030039	Endotracheal Tube With Cuff 8.5mm Id	PCS
D01030040	Endotracheal Tube With Cuff 9.0mm Id	PCS
D01030041	Endotracheal Tube With Cuff 9.5mm Id	PCS
D01030042	Intubation Stylet (Guide) 2.2mm Od Length 140mm	PCS
D01030043	Intubation Stylet (Guide) 4.2mm Od Length 220mm	PCS
D01030044	Intubation Stylet (Guide) 5.0mm Od Length 280mm	PCS
D01030045	Tracheostomy Tube Plain 3.0mm Id	PCS
D01030046	Tracheostomy Tube Plain 3.5mm Id	PCS
D01030047	Tracheostomy Tube Plain 4.0mm Id	PCS
D01030048	Tracheostomy Tube Plain 4.5mm Id	PCS
D01030049	Tracheostomy Tube With Cuff 5.0mm Id	PCS
D01030050	Tracheostomy Tube With Cuff 6.0mm Id	PCS
D01030051	Tracheostomy Tube With Cuff 7.0mm Id	PCS
D01030052	Tracheostomy Tube With Cuff 7.5mm Id	PCS
D01030053	Tracheostomy Tube With Cuff 8.0mm Id	PCS
D01030054	Tracheostomy Tube With Cuff 9.0mm Id	PCS
D01030055	Tracheostomy Tube With Cuff 10.0mm Id	PCS
<b>1.4</b>	<b>Icu Products</b>	
D01040003	Arterial Pressure Monitoring Line 30cm (Male/Male)	PCS
D01040004	Arterial Pressure Monitoring Line 50cm (Male/Male)	PCS

MOH Code	Name of Category and Products	Unit of Issue
D01040005	Arterial Pressure Monitoring Line 150cm (Male/ Female)	PCS
D01040006	Arterial Pressure Monitoring Line 300cm (Male/ Female)	PCS
D01040007	Corrugated Tube For Ventilator With Wire Adult	PCS
D01040008	Corrugated Tube For Ventilator With Wire Paediatric	PCS
D01040010	Flow Sensor Transducer For Ventilator For Drager	PCS
D01040012	Flow Sensor Transducer For Ventilator For Siemens	PCS
D01040013	Flow Sensor Transducer For Ventilator Paediatric	PCS
D01040014	Flush Device For Invasive Monitoring 3 Ml	PCS
D01040015	Bacteria Filter (Autoclaveable) Cat. No N .202a	PCS
D01040016	Bacteria Filter ( Single Use ) ( Filta Guard Breathing Filter 22f/22 M / 15 F -/ 1944	PCS
D01040017	Bacteria Filter For Brething System For Acom.	PCS
D01040019	Prisma Set M100 Per-Dilution	SET
D01040021	Prismatherm Ph - 580 Extension Line	PCS
D01040022	Art- Line / Pressure Monitoring Line 150 Cm Prime Volume : 0.2cc/ 10 Cm Femal / Male Luer Lock Ending Ref-Ah-1150	PCs
<b>1.5</b>	<b>Masks</b>	
D01050001	Anatomical Face Mask (Silicone) Size 0	PCS
D01050002	Anatomical Face Mask (Silicone) Size 1	PCS
D01050003	Anatomical Face Mask (Silicone) Size 2	PCS
D01050004	Anatomical Face Mask (Silicone) Size 3	PCS
D01050005	Anatomical Face Mask (Silicone) Size 4	PCS
<b>2</b>	<b>Cardiac Products</b>	
<b>2.1</b>	<b>Cardiac Cannulae</b>	
D02010001	Adaptor Luer Lock Male / Female	PCS
D02010002	Adaptor Luer Lock Male / Male	PCS
D02010003	Antegrade / Retrograde Cardioplegia Adapter Female Inflow, Male Outflow Connector (Luer Lock), High Flow Stopcock. Length 67.5cm	PCS
D02010004	Aortic Root Cannulae With Vent Line 12ga (9fr), Standard Tip With Side Holes	PCS
D02010005	Aortic Root Cannulae With Vent Line 14ga (7fr), Standard Tip With Side Holes	PCS
D02010006	Aortic Root Cannulae With Vent Line 16ga (5fr), Standard Tip With Side Holes	PCS
D02010007	Aortic Root Cannulae With Vent Line, Pressure Monitoring 9ga (11fr)	PCS
D02010008	Arterial Perfusion Cannulae (Straight Tip), Adult 16fr	PCS
D02010009	Arterial Perfusion Cannulae (Straight Tip), Adult 18fr	PCS
D02010010	Arterial Perfusion Cannulae (Straight Tip), Adult 20fr	PCS
D02010011	Arterial Perfusion Cannulae (Straight Tip), Adult 22fr	PCS
D02010012	Arterial Perfusion Cannulae (Straight Tip), Adult 24fr	PCS
D02010013	Arterial Perfusion Cannulae (Straight Tip), Paediatric 10fr	PCS
D02010014	Arterial Perfusion Cannulae (Straight Tip), Paediatric 12fr	PCS
D02010015	Arterial Perfusion Cannulae (Straight Tip), Paediatric 14fr	PCS
D02010016	Cardioplegia Delivery System	SET
D02010017	Cardioplegia Retrograde Cannulae 14fr, Length 35cm, Connection LL-Female With Automatically Inflating Balloon And Flexible Stylet	PCS
D02010018	Femoral Arterial Cannulae 16fr	PCS
D02010019	Femoral Venous Cannulae With Connection Site 28fr	PCS
D02010020	Femoral Venous Cannulae With Non-Vented Barbed Connector 17fr	PCS
D02010021	Femoral Venous Cannulae With Non-Vented Barbed Connector 21fr	PCS
D02010022	Single Stage Venous Cannulae, Pvc Angled Tip (Curved) 12fr	PCS
D02010023	Single Stage Venous Cannulae, Pvc Angled Tip (Curved) 14fr	PCS
D02010024	Single Stage Venous Cannulae, Pvc Angled Tip (Curved) 18fr	PCS
D02010025	Single Stage Venous Cannulae, Pvc Tip-Straight 14fr	PCS
D02010026	Single Stage Venous Cannulae, Pvc Tip-Straight 16fr	PCS
D02010027	Single Stage Venous Cannulae, Pvc Tip-Straight 18fr	PCS
D02010028	Single Stage Venous Cannulae, Pvc Tip-Straight 20fr	PCS
D02010029	Single Stage Venous Cannulae, Pvc Tip-Straight 22fr	PCS
D02010030	Single Stage Venous Cannulae, Pvc Tip-Straight 26fr	PCS
D02010031	Single Stage Venous Cannulae, Pvc Tip-Straight 28fr	PCS
D02010032	Single Stage Venous Cannulae, Pvc Tip-Straight 30fr	PCS

MOH Code	Name of Category and Products	Unit of Issue
D02010033	Single Stage Venous Cannulae, Pvc Tip-Straight 32fr	PCS
D02010034	Single Stage Venous Cannulae, Pvc Tip-Straight 34fr	PCS
D02010035	Single Stage Venous Cannulae, Pvc Tip-Straight 36fr	PCS
D02010036	Single Stage Venous Cannulae, Pvc Tip-Straight 40fr	PCS
D02010037	Two Stage Venous Cannulae With Connection Site 34/39fr	PCS
D02010038	Two Stage Venous Cannulae With Connection Site 36/46fr	PCS
D02010039	Two Stage Venous Cannulae With Connection Site 36/51fr	PCS
<b>2.2</b>	<b>Cardiac Catheterisation</b>	
D02020001	Amplatz Catheter Lt. F6. 1	PCS
D02020002	Amplatz Catheter Lt. F6. 2	PCS
D02020003	Amplatz Catheter Lt. F6. 3	PCS
D02020004	Amplatz Catheter Lt. F7. 1	PCS
D02020005	Amplatz Catheter Lt. F7. 2	PCS
D02020006	Amplatz Catheter Rt. F6	PCS
D02020007	Amplatz Catheter Rt. F6. 1	PCS
D02020008	Amplatz Catheter Rt. F6. 2	PCS
D02020009	Amplatz Catheter Rt. F7. 1	PCS
D02020010	Amplatz Catheter Rt. F7. 2	PCS
D02020011	Femoral Sheath F6	PCS
D02020012	Femoral Sheath F7	PCS
D02020013	Femoral Sheath F8	PCS
D02020014	Intraortic Balloon Catheter	SET
D02020015	J Guide Wire 180cm + 145 Cm, 0.038	PCS
D02020016	J Guide Wire 180cm + 145cm, 0.035	PCS
D02020017	Judkin Catheter L.T.F7 Curved JI 3.5	PCS
D02020018	Judkin Catheter Lt. F6 Curved JI3.5	PCS
D02020019	Judkin Catheter Lt. F6 Curved JI5	PCS
D02020020	Judkin Catheter Lt. F7 Curved JI4	PCS
D02020021	Judkin Catheter Lt. F7 Curved JI5	PCS
D02020022	Judkin Catheter Rt. F6 Jr3.5	PCS
D02020023	Judkin Catheter Rt. F6 Jr4	PCS
D02020024	Judkin Catheter Rt. F6 Jr5	PCS
D02020025	Judkin Catheter Rt. F7 Jr3.5	PCS
D02020026	Judkin Catheter Rt. F7 Jr4	PCS
D02020027	Judkin Catheter Rt. F7 Jr5	PCS
D02020028	Perfusion Adaptor 3/8 Inch	PCS
D02020029	Sones Catheter F6. 1	PCS
D02020030	Sones Catheter F6. 2	PCS
D02020031	Vent Catheter 10fr Left Heart, Paediatric	PCS
D02020032	Vent Catheter 10fr Malleable, Paediatric	PCS
D02020033	Vent Catheter 12fr Paediatric With Central Opening	PCS
D02020034	Vent Catheter 13fr Left Heart, Paediatric	PCS
D02020035	Vent Catheter 16fr Left Heart, Adult	PCS
D02020036	Vent Catheter 17fr Left Heart, Adult	PCS
D02020037	Vent Catheter 18fr Adult With Additional Stylet	PCS
D02020038	Vent Catheter 18fr Flexible With Rounded Tip	PCS
D02020039	Vent Catheter 20fr Left Heart, Adult	PCS
<b>2.3</b>	<b>Cardiac Clips And Wires</b>	
D02030001	Ligating Clip Small	PCS
D02030002	Ligating Clip Medium - Large	PCS
D02030003	Steel Wires Steel Wire (4) 45cm On 40mm Tc 1/2circ Heavy Needle	DZ
D02030004	Steel Wires Steel Wire (5) 45cm On 48mm Tc 1/2circ Heavy Needle	DZ
D02030005	Steel Wires Steel Wire (5) 75cm On 55mm Trocar Point 1/2 Circ Heavy Needle	DZ
<b>2.4</b>	<b>Cardiac Valves</b>	
D02040001	Aortic Valves 17mm	PCS
D02040002	Aortic Valves 19mm	PCS

MOH Code	Name of Category and Products	Unit of Issue
D02040003	Aortic Valves 20mm	PCS
D02040004	Aortic Valves 21mm	PCS
D02040005	Aortic Valves 23mm	PCS
D02040006	Aortic Valves 25mm	PCS
D02040007	Aortic Valves 27mm	PCS
D02040008	Aortic Valves 29mm	PCS
D02040009	Aortic Valves 31mm	PCS
D02040019	Mitral Valves 17mm	PCS
D02040020	Mitral Valves 19mm	PCS
D02040021	Mitral Valves 21mm	PCS
D02040022	Mitral Valves 23mm	PCS
D02040023	Mitral Valves 25mm	PCS
D02040024	Mitral Valves 27mm	PCS
D02040025	Mitral Valves 29mm	PCS
D02040026	Mitral Valves 31mm	PCS
D02040027	Mitral Valves 33mm	PCS
<b>2.5</b>	<b>Miscellaneous</b>	
D02050001	Aortic Punch 4.5mm Diameter	PCS
D02050002	Aortic Punch 4.7mm Diameter	PCS
D02050003	Aortic Punch 5.0mm Diameter	PCS
D02050006	Dome Arterial Transducer Dome Arterial Transducer	PCS
D02050007	Haemoclips Medium	PCS
D02050008	Haemoclips Small	PCS
D02050009	Octopus Line Four Way Left	SET
D02050010	Octopus Line Four Way Right	SET
D02050011	Pigtail Catheter 5fr	SET
D02050012	Pigtail Catheter 6fr	SET
D02050013	Pigtail Catheter 7fr	SET
D02050014	Pressure Separator (Transducer Isolator)	PCS
D02050015	Swan Ganz Thermodilution Catheter 5fr	SET
D02050016	Swan Ganz Thermodilution Catheter 6fr	SET
D02050017	Swan Ganz Thermodilution Catheter 7fr	SET
D02050018	Swan Ganz Thermodilution Catheter Introducer	PCS
D02050019	Teflon Pledget 3mm X 7mm	PACK/36
<b>2.6</b>	<b>Oxygenators</b>	
D02060001	Oxygenators Oxgenator Adult	KIT
D02060002	Oxygenators Oxygenator Medium	KIT
D02060003	Oxygenators Oxygenator Paediatric	KIT
D02060006	Straight Connector Fluid Luer Lock 1/4inch X 1/4inch	PCS
D02060007	Straight Connector Fluid Luer Lock 3/8inch X 3/8inch	PCS
D02060008	Straight Connector Fluid Luer Lock 1/2inch X 1/2inch	PCS
D02060009	Y Connector 1/4inch X 1/4inch	PCS
D02060010	Y Connector 3/8inch X 3/8inch	PCS
D02060011	Y Connector 1/2inch X 1/2inch	PCS
<b>2.7</b>	<b>Pacemakers And Related Products</b>	
D02070002	Balectrode Pacemaker/Bal 11kbe2 5fr, 110cm Length Bipolar Tip Ballon, Vented Syring 16 Ga Needle Assembly , 5mm- Long 1cm Space Wit.Jtip Wire Guide	PCS
D02070003	Introducer Set For Pacemaker	SET
D02070013	Temporary Pacemaker Electrode (Wire) Sterile Adult	DZ
D02070014	Temporary Pacemaker Electrode (Wire) Sterile Paediatric	DZ
<b>3</b>	<b>Clinical Products</b>	
<b>3.1</b>	<b>Administration Sets</b>	
D03010001	Infusion Administration Set Adult With Air Vent	SET
D03010002	Infusion Administration Of Infusion Liquids With Ap 31p Peristaltic Pump -Length 230cm (Ascaset Peristaltic)	SET
D03010004	Infusion Administration Set/Standard ,145/250cm For Infusion Pump Broun.Ref-0870036	

MOH Code	Name of Category and Products	Unit of Issue
D03010005	Flow Regulator Precision Flow Control Device Inline For Gravity Infusion	PCS
D03010006	Voluset For Solution 150cc. 60 Drops / Ml	SET
<b>3.2</b>	<b>Arterial &amp; Central Venous Pressure Catheters</b>	
D03020001	Arterial Catheter Set 18g Length 9cm	SET
D03020002	Cvp Catheter Bi-Lumen (Radio-Opaque) 4frx10cm Needle 21ga	SET
D03020003	Cvp Catheter Bi-Lumen (Radio-Opaque) 7frx20cm Needle 18ga	SET
D03020004	Cvp Catheter Trilumen 7frx20cm Needle 16ga	SET
D03020005	Cvp Catheter Trilumen 7frx20cm Needle 18ga	SET
D03020006	Cvp Pressure Monitor (Manual)	SET
D03020007	Cvp Single Lumen Paediatric (Radio-Opaque) 3frx8cm Needle 20ga	SET
D03020008	Cvp Single Lumen Paediatric (Radio-Opaque) 4frx12cm Needle 18ga	SET
D03020009	Cvp Single Lumen Paediatric (Radio-Opaque) 5frx20cm Needle 16ga	SET
D03020010	Embolectomy Catheter 3fr / 80cm	PCS
D03020011	Embolectomy Catheter 4fr / 80cm	PCS
D03020012	Embolectomy Catheter 5fr / 80cm	PCS
D03020013	Embolectomy Catheter 6fr / 80cm	PCS
D03020014	Embolectomy Catheter 7fr / 80cm	PCS
D03020018	Stopcock 2 Way	PCS
D03020019	Stopcock 3 Way	PCS
D03020020	Stopcock 3 Way With Extension	PCS
<b>3.3</b>	<b>Cannulae</b>	
D03030001	Arterial Cannulae 20g	PCS
D03030002	Iv Cannulae With Injection Port 14g (Orange)	PCS
D03030003	Iv Cannulae With Injection Port 16g (Grey)	PCS
D03030004	Iv Cannulae With Injection Port 18g (Green)	PCS
D03030005	Iv Cannulae With Injection Port 20g (Pink)	PCS
D03030006	Iv Cannulae With Injection Port 22g (Blue)	PCS
D03030007	Iv Cannulae With Injection Port 24g (Yellow)	PCS
D03030008	Scalp Veins 19g (Creme)	PCS
D03030009	Scalp Veins 21g (Green)	PCS
D03030010	Scalp Veins 23g (Blue)	PCS
D03030011	Scalp Veins 25g (Orange)	PCS
D03030012	Arteriel Cannula G18 With Floswitch	PCs
D03030013	Arteriel Cannula G 22 With Floswitch	PCs
<b>3.4</b>	<b>Clinical Sundries</b>	
D03040001	A.T.Control Check Indicators For Steam Sterilizaion (120c-141c),Length 20 Cm	BOX/250
D03040002	Auto Clave Indicator Tape (5m) 0.5 Inch	ROLL
D03040003	Auto Clave Indicator Tape (5m) For Gas	ROLL
D03040004	Auto Clave Indicator Tape (5m) I Inch	ROLL
D03040005	Gas Indicator Strip	ROLL
D03040006	Identity Bracelet Adult	BOX/250
D03040007	Identity Bracelet Infant	BOX/250
D03040008	Safety Box Container For Syringes	PCS
D03040009	Splint Kramer 6/40 Cm	PCS
D03040010	Splint Kramer 8/40 Cm	PCS
D03040011	Splint Kramer 8/60 Cm	PCS
D03040012	Splint Kramer 10/100 Cm	PCS
D03040013	Thermometer Hypothermal	PCS
D03040014	Thermometer Medical With Cover	PCS
D03040015	Tongue Depressor	PCS
D03040016	Umbilical Cord Clamp	PCS
D03040017	Wooden Applicator With Cotton	PCS
<b>3.5</b>	<b>Contraceptives</b>	
D03050001	Condom For Contraception	PCS
<b>3.6</b>	<b>Diagnostic</b>	
D03060001	Ecg Roll 1 Channel 30/50mm	ROLL

MOH Code	Name of Category and Products	Unit of Issue
D03060002	Ecg Roll 3 Channel, 14.5cm	ROLL
D03060003	Ecg Roll For Cardiofax	ROLL
D03060004	Eeg Paste 400 Gm	PCS
D03060005	Recording Ink Nse - 40bl Blak 400ml	BOTTEL
D03060006	Electrode, Chest Prejelled Ecg Adult	PCS
D03060007	Electrode, Chest Prejelled Ecg Paediatric	PCS
D03060008	Electrode, Chest Solid Gel E.C.G Hp Monitor Model 13953d Prewired Neonatal / Paediatric Hydrogen Electrode With Radio-Transluscent Sensor	PCS
D03060009	Paper Cardiograph 10 Cm	PCS
D03060010	Paper C.T.G Roll/Cent Monitor 152 ×90 Mm/ 14.4 Mt B 4305 Bao	PCS
D03060011	Paper Emg Chart Paper Emg Chart	PCS
D03060012	Paper Recording For Eeg 300/400mm	BOX/1000
D03060013	Paper C.T.G Roll/Cent Monitor F Q. S 150-2.7.90	ROLL
D03060014	Paper Siemens Sicard 460 Poly	PACK/10
D03060015	Ribbon Cassette Sheet	PCS
D03060016	Paper Thermal For Mitsubishi Video Copy Processor Model K 61b.	PCS
D03060017	Thermal Paper Z Fold	PCS
D03060018	Ultra Sound Gel	KG
D03060019	Paper For Natrex D.C Shock (Prinedic Dfi. Monitor )	ROLL
D03060020	Paper E .C. G 6 Chanel 210 Mm (Au) For Delta 60 Plus	ROLL
D03060021	Paper E .C. G 6 Chanel 210x280x200 Mm For Cardioline - Delta 60 Plus	BOOK
D03060022	Paper ,Hewlett Packard 210*300*200 Mm	BOOK
D03060023	Paper E .C. G ,Pre-Grided Thermal ,200 Perforate Z-Fold Pages--Sise A(8.5x11")Or A4(210x297mm)--For Quinton Q-Stress Tm65 Treadmill	BOOK
D03060024	Paper , Ecg For Cardioline 3 - Plus10cm*11cm	BOOK
D03060025	Paper , C.Tg Monitor For Sonicaid Team Re-Order No-8400-8003 (15*14.5 Cm)	BOOK
D03060026	PAPER RECORDING FOR EEG 245/300mm	BX/1000
D03060027	Paper Thermal For Mitsubishi Video Copy Processor Model K 65hm	ROLL
<b>3.7</b>	<b>Gloves</b>	
D03070001	Examination Gloves, Non Sterile Latex Large	BOX/100
D03070002	Examination Gloves, Non Sterile Latex Medium	BOX/100
D03070003	Examination Gloves, Non Sterile Latex Small	BOX/100
D03070004	Examination Gloves, Sterile Nylon Large	PAIR
D03070005	Examination Gloves, Sterile Nylon Medium	PAIR
D03070006	Surgical Gloves, Sterile Latex Size 6.5	PAIR
D03070007	Surgical Gloves, Sterile Latex Size 7.0	PAIR
D03070008	Surgical Gloves, Sterile Latex Size 7.5	PAIR
D03070009	Surgical Gloves, Sterile Latex Size 8.0	PAIR
D03070010	Surgical Gloves, Sterile Latex Size 8.5	PAIR
D03070011	Gloves Polysan (Non Sterile Large+Medium	NO
<b>3.8</b>	<b>Needles And Related Products</b>	
D03080001	ALCOHOL SWAB 70% Isopropyl Alcohol , 27mm X 30 Mm	Pcs
D03080005	Bone Marrow Aspiration/ Intraosseous Infusion Needle Disposable 15--16ga	SET
D03080006	Bone Marrow Aspiration/ Intraosseous Infusion Needle Disposable 18ga	SET
D03080007	Bone Marrow Biopsy Needle 11g	PCS
D03080009	Bone Marrow Biopsy Needle 17g	PCS
D03080010	Needle Hypodermic Disposable 19g (Creme)	PCS
D03080011	Needle Hypodermic Disposable 20g (Yellow)	PCS
D03080012	Needle Hypodermic Disposable 21g (Dark Green)	PCS
D03080013	Needle Hypodermic Disposable 22g (Black)	PCS
D03080014	Needle Hypodermic Disposable 23g (Dark Blue)	PCS
D03080015	Needle Hypodermic Disposable 25g (Orange)	PCS
D03080016	Needle Hypodermic Disposable 27g (Middle-Grey)	PCS
D03080017	Percutaneous Needle Chatogiography Cystological Biopsy And Routine (Chiba Needle) 0.95 Mm, 19.5g, 220mm	SET
D03080018	Spinal Needle 20g (Yellow)	PCS
D03080019	Spinal Needle 22g (Black)	PCS

MOH Code	Name of Category and Products	Unit of Issue
D03080020	Spinal Needle 25g (Orange)	PCS
D03080021	Trucut Biopsy Needle 14g	PCS
D03080022	Trucut Biopsy Needle 16g	PCS
D03080023	Trucut Biopsy Needle 18g	PCS
<b>3.9</b>	<b>Procedure And Supplementary Packs</b>	
D03090001	Epidural Anaesthesia Set 18g	SET
D03090002	Exchange Transfusion Tray	SET
<b>3.10</b>	<b>Syringes</b>	
D03100001	Disposable Syringe 3 Parts Without Needle 2ml	PCS
D03100002	Disposable Syringe 3 Parts Without Needle 5ml	PCS
D03100003	Disposable Syringe 3 Parts Without Needle 10ml	PCS
D03100004	Disposable Syringe 3 Parts Without Needle 20ml	PCS
D03100005	Disposable Syringe 3 Parts Without Needle 50ml	PCS
D03100006	Syringe 1cc For Insulin With Needle 27-29g Without Dead Space One Piece Needle Must Be Sealed To The Syringe	PCS
D03100007	Irrigation Syringe 50 - 60ml	PCS
D03100008	Tuberculin Syringe With Needle 29g 1 Ml	PCS
<b>3.11</b>	<b>Tubes</b>	
D03110002	Extension Tube (Male Female) 30 Cm	PCS
D03110003	Extension Tube (Male Female) 75 Cm	PCS
D03110004	Extension Tube (Male Female) 145 Cm	PCS
D03110005	Feeding Tube 5 Ch (Grey)	PCS
D03110006	Feeding Tube 6 Ch (Green)	PCS
D03110007	Feeding Tube 8 Ch (Blue)	PCS
D03110008	Feeding Tube 10 Ch (White)	PCS
D03110009	Kangaroo Pump Set 100 Ml	SET
D03110010	Nasogastric Tube 8ch (Blue)	PCS
D03110011	Nasogastric Tube 10ch (Black)	PCS
D03110012	Nasogastric Tube 12ch (White)	PCS
D03110013	Nasogastric Tube 14ch (Green)	PCS
D03110014	Nasogastric Tube 16ch (Orange)	PCS
D03110015	Nasogastric Tube 18ch (Red)	PCS
D03110018	Penrose Drain Sterile 18 Inch 1 Inch	PCS
D03110019	Penrose Drain Sterile 18 Inch 1/2 Inch	PCS
D03110020	Penrose Drain Sterile 18 Inch 1/4 Inch	PCS
D03110021	Penrose Drain Sterile 18 Inch 3/4 Inch	PCS
D03110022	Penrose Drain Sterile 18 Inch 3/8 Inch	PCS
D03110023	Penrose Drain Sterile 18 Inch 5/8 Inch	PCS
D03110024	Penrose Drain Sterile 18 Inch 7/8 Inch	PCS
D03110025	Rectal Tube 22 Ch Adult (Dark Blue)	PCS
D03110026	Rectal Tube 25 Ch Adult (Dark Grey)	PCS
D03110027	Rectal Tube 28 Ch Paediatric (Green)	PCS
D03110028	Rectal Tube 30 Ch Paediatric (Grey)	PCS
D03110029	Silicone Tube (Medical Grade) 9x13 Mm	METER
D03110030	Suction Connection Tube 300cm	PCS
D03110031	Sungstaken (Black Moore) 14ch (Paediatric)	SET
D03110032	Sungstaken (Black Moore) 16ch	SET
D03110033	Sungstaken (Black Moore) 18ch	SET
D03110034	Sungstaken (Black Moore) 20ch	SET
D03110035	Sungstaken (Black Moore) 22ch	SET
D03110036	T- Tube 12ch	PCS
D03110037	T- Tube 14ch	PCS
D03110038	T- Tube 16ch	PCS
D03110039	T- Tube 18ch	PCS
D03110040	Tube Sheperd Gromet Vent With Wire, Fluoroplastic 1 Mm	PCS
D03110041	Modified T-Tube 1.32mm(0.052")I.D,4.78mm(.188")Over Length.Cat.No.24-0072	PCS
D03110042	Richards T-Tube Ventilation Tube	PCS

MOH Code	Name of Category and Products	Unit of Issue
	1.14mm(0.045")I.D,12mm(0.472")Length.Cat.No.24-0071	
D03110043	Gold Tiptrodes, 13mm For Brain Evoked Response Audiometer Fornicolet Auditv Cat. No. 019-741901.	PKG/20
<b>4</b>	<b>Continance And Stomacare Management, Urology</b>	
<b>4.1</b>	<b>Continance Management</b>	
D04010001	Condom Catheter Small, Medium & Large	PCS
D04010002	Urimeter 500cc	PCS
D04010003	Urine Bag Adult (2l)	PCS
D04010004	Urine Bag Leg	PCS
D04010005	Urine Bag Paediatric	PCS
<b>4.2</b>	<b>Stoma Care</b>	
D04020001	Selfseal Sterilization Pouches 133/254 Mm	PCS
D04020002	Selfseal Sterilization Pouches 133/360 Mm	PCS
D04020003	Selfseal Sterilization Pouches 190/330 Mm	PCS
D04020004	Selfseal Sterilization Pouches 305/380 Mm	PCS
D04020005	Selfseal Sterilization Pouches 90/133 Mm	PCS
D04020006	Selfseal Sterilization Pouches 90/230 Mm	PCS
D04020007	Selfseal Sterilization Pouches 90/559 Mm	PCS
D04020008	Urostomy 'Drainable Pouch 38mm	PCs
D04020009	Stoma Drainable Pouch 38mm	BOX/10
D04020010	Stoma Drainable Pouch 45 Mm	BOX/10
D04020011	Stoma Drainable Pouch 57mm	BOX/10
D04020012	Stoma Drainable Pouch 70mm	BOX/10
D04020013	Colostomy 'Drainable Pouch+Flang 32mm Cat.No3251	PCs
D04020014	Colostomy 'Drainable Pouch+Flang 32mm Cat.No3470 Closed Pouch	PCs
D04020015	Stomahesive Flange 32mm	BOX/5
D04020016	Stomahesive Flange 38mm	BOX/10
D04020017	Stomahesive Flange 45mm	BOX/10
D04020018	Stomahesive Flange 45mm	BOX/5
D04020019	Stomahesive Flange 57mm	BOX/10
D04020020	Stomahesive Flange 70mm	BOX/10
D04020021	Stomahesive Flange 70mm	BOX/5
D04020022	Urostomy 'Drainable Pouch 44mm	PCs
<b>4.3</b>	<b>Urethral Catheters</b>	
D04030001	Foley Catheter 2way 5cc Balloon 6 Ch	PCS
D04030002	Foley Catheter 2way 5cc Balloon 8 Ch	PCS
D04030003	Foley Catheter 2way 5cc Balloon 10 Ch	PCS
D04030004	Foley Catheter 2way 5cc Balloon 12 Ch	PCS
D04030005	Foley Catheter 2way 5cc Balloon 14 Ch	PCS
D04030006	Foley Catheter 2way 5cc Balloon 16 Ch	PCS
D04030007	Foley Catheter 2way 5cc Balloon 18 Ch	PCS
D04030008	Foley Catheter 2way 5cc Balloon 20 Ch	PCS
D04030009	Foley Catheter 2way 5cc Balloon 22 Ch	PCS
D04030010	Foley Catheter 2way 5cc Balloon 24 Ch	PCS
D04030011	Foley Catheter 2way Silicone 8ch	PCS
D04030012	Foley Catheter 2way Silicone 14ch	PCS
D04030013	Foley Catheter 2way Silicone 16ch	PCS
D04030014	Foley Catheter 2way Silicone 18ch	PCS
D04030015	Foley Catheter 2way Silicone 22ch	PCS
D04030016	Foley Catheter 3way 20cc Balloon 16ch	PCS
D04030017	Foley Catheter 3way 20cc Balloon 20ch	PCS
D04030018	Foley Catheter 3way 20cc Balloon 22ch	PCS
D04030019	Foley Catheter 3way 20cc Balloon 24ch	PCS
D04030020	Urethric Catheter 3.0 Ch	PCS
D04030022	Urethric Catheter 4.0 Ch	PCS
D04030023	Urethric Catheter 5 Ch	PCS

MOH Code	Name of Category and Products	Unit of Issue
D04030024	Urethric Catheter 6.0 Ch	PCS
D04030025	Urethric Catheter 7.0 Ch	PCS
D04030026	Foley Catheter 2way Silicone 10ch	PCS
D04030027	Foley Catheter 2way Silicone12ch	PCS
D04030028	Foley Catheter 2way Silicone 20ch	PCS
<b>4.4</b>	<b>Urology</b>	
D04040001	Double J Urethral Stent Set 5 Ch 26cm (Yellow)	SET
D04040002	Double J Urethral Stent Set 6 Ch 30cm (Green)	SET
D04040003	Double J Urethral Stent Set 7 Ch 28cm (Red)	SET
D04040004	Nelaton Catheter 8 Ch (Light Blue)	PCS
D04040005	Nelaton Catheter 10 Ch (Black)	PCS
D04040006	Nelaton Catheter 12 Ch (White)	PCS
D04040007	Nelaton Catheter 14 Ch (Green)	PCS
D04040008	Nelaton Catheter 16 Ch (Orange)	PCS
D04040009	Nelaton Catheter 18 Ch (Red)	PCS
D04040010	Percutaneous Nephrostomy Set 6 Ch (Paediatric)	SET
D04040011	Percutaneous Nephrostomy Set 8 Ch	SET
D04040012	Percutaneous Nephrostomy Set 11 Ch	SET
D04040013	Percutaneous Nephrostomy Set 14 Ch	SET
D04040014	Suprapubic Catheter Set 10 Ch	SET
D04040015	Suprapubic Catheter Set 12 Ch	SET
D04040016	Suprapubic Catheter Set 14 Ch	SET
D04040017	Suprapubic Catheter Set 16 Ch	SET
D04040018	Tiemann Catheter 8 Ch (Light Blue)	PCS
D04040019	Tiemann Catheter 10 Ch (Black)	PCS
D04040020	Tiemann Catheter 12 Ch (White)	PCS
D04040021	Tiemann Catheter 14 Ch (Green)	PCS
D04040022	Tiemann Catheter 16 Ch (Orange)	PCS
D04040023	Tiemann Catheter 18 Ch (Red)	PCS
D04040024	Y- Type Irrigator Y- Type Irrigator	PCS
<b>5</b>	<b>Dental Products</b>	
<b>5.1</b>	<b>Brushes And Tips</b>	
D05010001	Dental Cleansing Brush	PCS
D05010002	Surgical Suction Tips Surgical Suction Tips	BOX/50
D05010003	Tips Scaler Tips Scaler	PCS
5000467	Dental Prophylaxes Paste	JAR/40G
<b>5.2</b>	<b>Filling Material</b>	
D05020001	Amalgam Capsules Size 1	BOX/50
D05020002	Amalgam Capsules Size 2	BOX/50
D05020003	Amalgam Capsules Size 3	BOX/50
D05020004	Amalgam Holder Disposable	PCS
D05020006	Calcium Hydroxide Composition, Radio-Opaque Set Of Tube Base Paste, Tube Catalyst Paste And Mix Pad	SET
D05020007	Celluloid Strip	BOX/50
D05020008	Coltosol Temporary Filling	JAR/40GR
D05020009	Composite Filling Light Cured	SET
D05020011	Diamond Burrs Fissure	PCS
D05020012	Diamond Burrs Inverted	PCS
D05020013	Diamond Burrs Round	PCS
D05020014	Eugenol Liqied 100 Ml	BOTL
D05020015	Matrix Band Rolls (0.5) 100 Cm	roll
D05020016	Zinc Oxide Powder	GRAM
D05020017	Composite Finishing Burrs Composite Finishing Burrs	PCS
<b>5.3</b>	<b>Root Canal Filling Material</b>	
D05030001	Root Canal Permanant Sealer (Endoflus)	KIT
D05030002	Calcium Hydroxide (2 Tubes)-T.13gm+T.11gm	KIT

MOH Code	Name of Category and Products	Unit of Issue
D05030003	Root Canal Broache Different Size(15-45)	SHEET/10
D05030004	Gutta Percha Size 15-45 For Each Box (150 /Box)	BOX
D05030005	Paper Point Size 15-45 For Each Box	BOX/200
D05030006	Root Canal Files Size 15-40	SHEET/6
D05030007	Root Canal Reamers Size For/Each Kit 15-40	SHEET/6
<b>5.4</b>	<b>Surgical Material</b>	
D05040001	Antiseptic And Analgesic Aleveolar	PCS
D05040002	Arch Wire Roll Arch Wire Roll	ROLL
D05040003	Dental Needle 27g, 0.4x21mm, Short (Yellow)	BOX/100
D05040004	Dental Needle 27g, 0.4x30mm, Long (Yellow)	BOX/100
D05040005	Dental Soft Wire 26g	PCS
D05040006	Surgical Burrs High Speed	PCS
D05040007	Dental Absorbant Gelatin Sponge 15*7*7 Mm	JAR/50
D05040008	Xylonore Spray Anaesthetic (Lidocaine)	PCS
<b>6</b>	<b>Haemodialysis, Capd, And Related Products</b>	
<b>6.1</b>	<b>Haemodialysis, Capd, And Related Products</b>	
D06010001	Blood Lines Inlet-Outlet For Althin	SET
D06010003	Blood Lines Inlet-Outlet For Centry - 3 (Adult)	SET
D06010004	Blood Lines Inlet-Outlet For Centry - 3 (Paediatric)	SET
D06010005	Blood Lines Inlet-Outlet For Fresenius	SET
D06010006	Blood Lines Inlet-Outlet For Gambro	SET
D06010007	Capd Kit	SET
D06010008	Capd Tenckhoff Catheter (Peritoneal Catheter) For Adults	PCS
D06010009	Capd Tenckhoff Catheter (Peritoneal Catheter) For Paediatric	PCS
D06010010	Capd Titanium Adaptor	PCS
D06010011	Clamp For Outlet Port	PCS
D06010014	Dialock Protector Easy Lock (For Capd)	PCS
D06010016	Dialyzer Cf Surface Area 0.5 M2	PCS
D06010017	Dialyzer Cf Surface Area 0.7 M2	PCS
D06010018	Dialyzer Cf Surface Area 0.9 M2	PCS
D06010019	Dialyzer Cf Surface Area 1.1 M2	PCS
D06010020	Dialyzer Cf Surface Area 1.3 M2	PCS
D06010021	Dialyzer Cf Surface Area 1.6 M2	PCS
D06010022	Dialyzer Cf Surface Area 1.8 M2	PCS
D06010024	Extended Life Capd Transfer Set Spike System 3	SET
D06010025	Fistula Needle (Arterial & Venous) Set With Back Eye 15g	SET
D06010026	Fistula Needle (Arterial & Venous) Set With Back Eye 16g	SET
D06010027	Fistula Needle (Arterial & Venous) Set With Back Eye 17g	SET
D06010028	Mini-Cap Povidone Iodine (Easy Lock)	PCS
D06010030	Two Lumen Haemodialysis Catheter Set And Spring Wire/ Introduction Syringe For High Volume Infusion With Antiseptic 12frx 20cm	SET
D06010031	Two Lumen Haemodialysis Catheter Set And Spring Wire/ Introduction Syringe For High Volume Infusion With Antiseptic 12frx16cm	SET
<b>7</b>	<b>Operating Room Products</b>	
<b>7.1</b>	<b>Blades</b>	
D07010001	Blade For Humby Knife For Skin Graft	PACK/10
D07010002	Saw Blades 47mm	PCS
D07010003	Saw Blades 70mm	PCS
D07010004	Saw Blades 91mm	PCS
D07010005	Surgical Blades Sterile Size 10	BOX/100
D07010006	Surgical Blades Sterile Size 11	BOX/100
D07010007	Surgical Blades Sterile Size 12	BOX/100
D07010008	Surgical Blades Sterile Size 15	BOX/100
D07010009	Surgical Blades Sterile Size 20	BOX/100
D07010010	Surgical Blades Sterile Size 21	BOX/100
D07010011	Surgical Blades Sterile Size 22	BOX/100

MOH Code	Name of Category and Products	Unit of Issue
D07010012	Surgical Blades Sterile Size 23	BOX/100
D07010013	Skin Graft Carrier 16 Inch Length Cat.No.7716-000	PCS
<b>7.2</b>	<b>Drains</b>	
D07020001	Chest Tube With Trocar 8 Ch	PCS
D07020002	Chest Tube With Trocar 10 Ch	PCS
D07020003	Chest Tube With Trocar 12 Ch	PCS
D07020004	Chest Tube With Trocar 14 Ch	PCS
D07020005	Chest Tube With Trocar 16 Ch	PCS
D07020006	Chest Tube With Trocar 18 Ch	PCS
D07020007	Chest Tube With Trocar 20 Ch	PCS
D07020008	Chest Tube With Trocar 24 Ch	PCS
D07020009	Chest Tube With Trocar 28 Ch	PCS
D07020010	Chest Tube With Trocar 32 Ch	PCS
D07020013	Haemovac System 400cc	PCS
D07020014	Underwater Seal System 1500 Cc (Chest Bottle)	PCS
<b>7.3</b>	<b>Endoscopy</b>	
D07030001	Disp. Endo- Scopic Rotating Multiple Clip Applier With Titanium Clips MI Er - 320 ( Endo Clip Ii MI176657 )	BOX/12
D07030002	Endo Catch Specimen Retrieval Bag 10mm	BOX/12
D07030003	Endoscopy Bipolar Grasping Forceps With Macro Jaw 5mm	SET
D07030004	Endoscopy Endo Babcock Disposable Clamp	SET
D07030005	Endoscopy Endo Grasp Disposable Instrument	SET
D07030006	Endoscopy Endo Peanut Disposable Instrument	SET
D07030007	Endoscopy Endo Retract Disposable Instrument	SET
D07030008	Endoscopy Endo Slide Disposable Knot Pusher	SET
D07030009	Endoscopy Endo Stitch Disposable Suturing Device	SET
D07030010	Endoscopy Versaport Trocar Sleeve 5mm - 12mm	SET
D07030011	Suction/ Irrigation Device With Cautery Disposable With Spatula Tip And Gravity Feed System Tubing	PCS
D07030012	Verse Needle 120mm	PCS
D07030013	Verse Needle 150mm	PCS
D07030014	Ligating Loop 4mt With Chromic Gut Suture 2/0 Sgl-1	SET
D07030015	Endo Clinch 5mm.Instrument , 330 Mm Long , 174317	SET
D07030016	Endo -Shears 5mm.Instrument With Unipolar Cautary , 330 Mm Long , 1776643	SET
D07030017	Endo Dissect 5mm. 330 Mm Long ,With Unpopular Cautary 176645	SET
D07030018	Premium Surgiport 12mm 178036 Trocher With Radiolucent Sleeve	SET
<b>7.4</b>	<b>Instruments</b>	
D07040001	Electrosurgical Handswitch Cautery Cord Pencil Disposable	PCS
D07040002	Electrosurgical Patient Return Electroplate With Cord Handswitch Cautery Cord Pencil Disposable	SET
D07040003	Multifire Gia 60-3.8 Disposable Stapler With Titanium Staples Cod. 030676	SINGL
D07040004	Multifire Gia 60-3.8 Disposable Loading Unites With Titanium Staples Cod. 030678 For Use With Multifire Gi 60	SINGL
D07040005	Premium Ceea-25	PCS
D07040006	Premium Ceea-28	PCS
D07040007	Premium Ceea-31	PCS
D07040008	Disp. Converter For Use With Suriport Trocar 7-12 Mm ( Seal Up Ii ) 175070	PCS
D07040009	Roticulator 55mm	PCS
D07040010	Roticulator 80mm	PCS
D07040011	Snair Wire Tonsil Snair Wire Tonsil	PCS
D07040012	Staple Extractor	PCS
D07040013	Trocar For Laproscopy 5mm	SET
D07040014	Trocar For Laproscopy 10mm	SET
D07040015	Vein Stripper Set	SET
D07040016	Ligaclip-Mca--Multiple Clip Aplier -23.8cm -Titanium Clips	PCS
D07040017	Multifire Gia 80-3.8 Disposable Stapler With Titanium Staples Cod. 031738	SINGL
D07040018	Multifire Gia 80-3.8 Disposable Loading Unites With Titanium Staples Cod. 031739 For Use With Gia 80	SINGL
<b>7.5</b>	<b>Neurosurgery</b>	
D07050001	Bipolar Coagualtor Cord	PCS

MOH Code	Name of Category and Products	Unit of Issue
D07050002	Holter Type A Connector--82-1694 Length 10.4	PCS
D07050003	Burs Hole Pin Diameter 4mm / 62mm	PCS
D07050004	Burs Hole Pin Diameter 6mm / 65mm	PCS
D07050005	Burs Hole Pin Diameter 8mm / 66mm	PCS
D07050006	Connector Sterile, Plastic, Straight Length 17mm	PCS
D07050007	Cranioplasty Set Cranioplasty Set	SET
D07050008	Dotted Ventricular Radio-Opaque Catheter With 40 Inlet Holes. Sterile Stainless Steel Stylet. Length 15cm	SET
D07050009	Dura Film Dacron 15x15 Cm, Thickness 0.2mm	PCS
D07050010	External Drainage Ventricular Csf System 35cm Radio-Opaque Silicone Vent. Cath. 36 Cm Straight Stylet, Curved Trocar, Luer Lock Connector	SET
D07050011	Holter Distal Peritoneal Barium Catheter Sterile Length 90cm With Open End	SET
D07050012	Holter External Csf Drainage System Catheter 40.6cm Stylet, Subgaleal Trocar, 7cc Syringe	SET
D07050013	Icp Monitor Set Disposable Adult	SET
D07050014	Icp Monitor Set Disposable Paediatric	SET
D07050015	External Drainage Collection Bags, Sterile Adult	PACK/5
D07050016	External Drainage Collection Bags, Sterile Paediatric	PACK/5
D07050017	Scott Silicone Cannulae Size 54	PCS
D07050018	Scott Silicone Cannulae Size 55	PCS
D07050019	Scott Silicone Cannulae Size 56	PCS
D07050020	Surgical Patties Sterile Radio-Opaque 0.25 X 1.5 Inch	PCS
D07050021	Surgical Patties Sterile Radio-Opaque 1x1 Inch	PCS
D07050022	Surgical Patties Sterile Radio-Opaque 1x6 Inch	PCS
D07050023	V.P. Shunt (Unishunt) With Guide Complete Adult High Pressure, Long 2-Reservoir Clip, Length 102cm	SET
D07050024	V.P. Shunt (Unishunt) With Guide Complete Adult Low Pressure, Long 2- Reservoir Clip, Length 102cm	SET
D07050025	V.P. Shunt (Unishunt) With Guide Complete Adult Medium Pressure, Long Reservoir Clip, Length 102cm	SET
D07050026	V.P. Shunt (Unishunt) With Guide Complete Small High Pressure, Short 2-Reservoir Clip, Length 90cm	SET
D07050027	V.P. Shunt (Unishunt) With Guide Complete Small Low Pressure, Short 2-Reservoir Clip, Length 78cm	SET
D07050028	V.P. Shunt (Unishunt) With Guide Complete Small Medium Pressure, Short 2-Reservoir, Length 62cm	SET
D07050029	Coagulationforceps-Bipolar, Footswitching(For Vally Lap System, Total Length: 19.7cm, Tip: 1.5mm. Cod-E4051-Ct	PCS
D07050030	Coagulationforceps-Bipolar, Footswitching(For Vally Lap System, Total Length: 17.8cm, Tip: 1.5mm. Cod-E4053-Ct	PCS
D07050031	Coagulationforceps-Bipolar, Footswitching(For Vally Lap System, Total Length: 19.1cm, Tip 2mm. Cod-E4054-Ct	PCS
D07050032	Coagulationforceps-Bipolar, Footswitching(For Vally Lap System, Total Length: 19.1cm, Tip: 0.7mm. Cod-E4058-Ct	PCS
D07050033	Reusable Cord-Dq12401 Or E0019	PCS
D07050034	Holter Type A Connector--82-1694 Length 10.4	PCS
D07050035	Holter Type T Connector--82-1696 Length 10.5	PCS
<b>7.6</b>	<b>Orthopaedic Bone Staples</b>	
D07060001	Epiphyseal Staples. 19.5mm Width Cat.No 4060-02	PCS
D07060002	Epiphyseal Staples. 22.5mm Width Cat.No 4060-04	PCS
D07060003	Fracture Staples 15.9mm Width'2.4mm Diameter Cat.No229-03	PCS
D07060004	Fracture Staples 22.2 Mm Width'2.4mm Diameter Cat No 229-04	PCS
D07060005	Conventory Staples 4.8mm Diam'3.3cm Length'23.8mm Width Cat .No.2230-03	PCS
D07060006	Conventory Staples 9.5mm Diam'3.3cm Length'23.8mm Width Cat .No.2230-06	PCS
D07060007	Conventory Staples 14.3mm Diam'3.3cm Length'23.8mm Width Cat .No.2230-07	PCS
<b>7.7</b>	<b>Orthopaedic Dynamic Hip Screws</b>	
D07070001	Dhs Compression Screws	PCS

MOH Code	Name of Category and Products	Unit of Issue
D07070002	D.H.S.Plate 4 Holes With Standard Barrel	PCS
D07070003	D.H.S.Plate 6 Holes With Standard Barrel	PCS
D07070004	D.H.S.Plate 8 Holes With Standard Barrel	PCS
D07070005	D.H.S.Plate 10 Holes With Standard Barrel	PCS
D07070006	Dhs Traction Screws 70mm	PCS
D07070008	Dhs Traction Screws 85 Mm	PCS
D07070009	Dhs Traction Screws 90mm	PCS
D07070010	Dhs Traction Screws 95 Mm	PCS
D07070011	Dhs Traction Screws 100mm	PCS
D07070012	Dhs Traction Screws 105mm	PCS
<b>7.8</b>	<b>Orthopaedic Intramedullary Nails</b>	
D07080001	Ender Nails 340mm	PCS
D07080002	Ender Nails 360mm	PCS
D07080003	Ender Nails 380mm	PCS
D07080004	Ender Nails 400mm	PCS
D07080005	Ender Nails 420mm	PCS
D07080006	Ender Nails 440mm	PCS
D07080007	Ender Nails 460mm	PCS
D07080008	Ender Nails 480mm	PCS
D07080009	Ender Nails 500mm	PCS
D07080010	Kirshner Wire 1.2 Mm*150mm- Lx 030s+101*101mm	PCS
D07080011	Kirshner Wire 1.4 Mm Lx 030 S	PCS
D07080012	Kirshner Wire 1.3mm Lx 030 S	PCS
D07080013	Kuntscher Intramedullary Nails D 8mm L24cm	PCS
D07080018	Kuntscher Intramedullary Nails D 9mm L36cm	PCS
D07080019	Kuntscher Intramedullary Nails D10mm L38cm	PCS
D07080020	Kuntscher Intramedullary Nails D10mm L40cm	PCS
D07080021	Kuntscher Intramedullary Nails D10mm L42cm	PCS
D07080022	Kuntscher Intramedullary Nails D11mm L40cm	PCS
D07080023	Kirshner Wire 1.8mm Lx 030 S	PCS
D07080024	Rush Nail Set 2.0mm /Set Of 13 Pins	PCS
D07080025	Rush Nail Set 3.0mm /Set Of 13 Pins 22-693-00	PCS
D07080027	Universal Tibia Nails 10 X 300 Mm	PCS
D07080028	Universal Tibia Nails 10 X 315 Mm	PCS
D07080029	Universal Tibia Nails 10 X 330 Mm	PCS
D07080030	Universal Tibia Nails 10 X 345 Mm	PCS
D07080031	Universal Tibia Nails 12 X 235 Mm	PCS
D07080032	Universal Tibia Nails 12 X 380mm	PCS
<b>7.9</b>	<b>Orthopaedic K-Wires</b>	
D07090001	Guide Wires 1mm, 100mm	PCS
D07090002	Guide Wires 1mm, 150mm	PCS
D07090003	Guide Wires 1.2 Mm 150 Mm	PCS
D07090005	Guide Wires 1.6mm, 200mm	PCS
D07090007	Knowel Pins 4x110mm	PCS
D07090008	Knowel Pins 4x120mm	PCS
D07090009	Knowel Pins 4x70mm	PCS
D07090010	Knowel Pins 4x75mm	PCS
D07090011	Knowel Pins 4x80mm	PCS
D07090012	Knowel Pins 4x85mm	PCS
D07090013	Knowel Pins 4x95mm	PCS
D07090016	Steinmann Pins Without Trocar D 4mm L1 80mm	PCS
D07090017	Steinmann Pins Without Trocar D 3.5mm L120mm	PCS
D07090018	Steinmann Pins Without Trocar D 3. 5mm L150mm	PCS
D07090019	Twist Drill Pins 2.5mm 100/50mm	PCS
D07090020	Twist Drill Pins 3.0mm 100/50mm	PCS
D07090021	Twist Drill Pins 3.5mm 100/60mm	PCS

MOH Code	Name of Category and Products	Unit of Issue
D07090022	Twist Drill Pins 4.0mm 100mm	PCS
D07090023	Twist Drill Pins 4.5mm 150/80mm	PCS
<b>7.10</b>	<b>Orthopaedic Plates And Screws</b>	
D07100002	Bone Compression Plates Broad, 5 Holes, Length 87mm	PCS
D07100003	Bone Compression Plates Broad, 6 Holes, Length 103mm	PCS
D07100004	Bone Compression Plates Broad, 7 Holes, Length 119mm	PCS
D07100005	Bone Compression Plates Broad, 10 Holes, Length 167mm	PCS
D07100006	Bone Compression Plates Broad, 11 Holes, Length 183mm	PCS
D07100007	Bone Compression Plates Broad, 12 Holes, Length 183mm	PCS
D07100010	Bone Compression Plates Broad, 14 Holes, Length 231mm	PCS
D07100011	Bone Compression Plates Narrow, 4 Holes, Length 71mm	PCS
D07100012	Bone Compression Plates Narrow, 5 Holes, Length 87mm	PCS
D07100013	Bone Compression Plates Narrow, 6 Holes, Length 103mm	PCS
D07100014	Bone Compression Plates Narrow, 7 Holes, Length 117mm	PCS
D07100015	Cancellous Screws Diameter 6.5mm 25mm	PCS
D07100016	Cancellous Screws Diameter 6.5mm 30mm	PCS
D07100017	Cancellous Screws Diameter 6.5mm 35mm	PCS
D07100018	Cancellous Screws Diameter 6.5mm 40mm	PCS
D07100019	Cancellous Screws Diameter 6.5mm 45mm	PCS
D07100020	Cancellous Screws Diameter 6.5mm 50mm	PCS
D07100021	Cancellous Screws Diameter 6.5mm 55mm	PCS
D07100022	Cancellous Screws Diameter 6.5mm 60mm	PCS
D07100023	Cancellous Screws Diameter 6.5mm 65mm	PCS
D07100024	Cancellous Screws Diameter 6.5mm 70mm	PCS
D07100025	Cancellous Screws Diameter 6.5mm 75mm	PCS
D07100026	Cancellous Screws Diameter 6.5mm 80mm	PCS
D07100027	Cancellous Screws Diameter 6.5mm 85mm	PCS
D07100028	Cancellous Screws Diameter 6.5mm 90mm	PCS
D07100029	Cancellous Screws Diameter 6.5mm 95mm	PCS
D07100030	Cancellous Screws Diameter 6.5mm 100mm	PCS
D07100031	Cancellous Screws Diameter 6.5mm 105mm	PCS
D07100032	Cancellous Screws Diameter 6.5mm 110mm	PCS
D07100038	Cortical Screws Diameter 4.5mm 12mm	PCS
D07100039	Cortical Screws Diameter 4.5mm 16mm	PCS
D07100040	Cortical Screws Diameter 4.5mm 18mm	PCS
D07100041	Cortical Screws Diameter 4.5mm 20mm	PCS
D07100042	Cortical Screws Diameter 4.5mm 22mm	PCS
D07100043	Cortical Screws Diameter 4.5mm 24mm	PCS
D07100044	Cortical Screws Diameter 4.5mm 26mm	PCS
D07100045	Cortical Screws Diameter 4.5mm 28mm	PCS
D07100046	Cortical Screws Diameter 4.5mm 30mm	PCS
D07100047	Cortical Screws Diameter 4.5mm 32mm	PCS
D07100048	Cortical Screws Diameter 4.5mm 34mm	PCS
D07100049	Cortical Screws Diameter 4.5mm 36mm	PCS
D07100050	Cortical Screws Diameter 4.5mm 38mm	PCS
D07100051	Cortical Screws Diameter 4.5mm 42mm	PCS
D07100052	Cortical Screws Diameter 4.5mm 44mm	PCS
D07100053	Cortical Screws Diameter 4.5mm 46mm	PCS
D07100054	Cortical Screws Diameter 4.5mm 48mm	PCS
D07100055	Cortical Screws Diameter 4.5mm 50mm	PCS
D07100056	Cortical Screws Diameter 4.5mm 52mm	PCS
D07100057	Cortical Screws Diameter 4.5mm 54mm	PCS
D07100058	Cortical Screws Diameter 4.5mm 56mm	PCS
D07100059	Cortical Screws Diameter 4.5mm 58mm	PCS
D07100060	Cortical Screws Diameter 4.5mm 60mm	PCS
D07100061	Cortical Screws Diameter 4.5mm 64mm	PCS

MOH Code	Name of Category and Products	Unit of Issue
D07100062	Cortical Screws Diameter 4.5mm 70mm	PCS
D07100065	Hollow Screw Diameter 7mm 50 Mm	PCS
D07100066	Hollow Screw Diameter 7mm 55 Mm	PCS
D07100067	Hollow Screw Diameter 7mm 60 Mm	PCS
D07100068	Hollow Screw Diameter 7mm 65 Mm	PCS
D07100069	Hollow Screw Diameter 7mm 70 Mm	PCS
D07100070	Hollow Screw Diameter 7mm 75 Mm	PCS
D07100071	Hollow Screw Diameter 7mm 80 Mm	PCS
D07100072	Hollow Screw Diameter 7mm 85 Mm	PCS
D07100073	Hollow Screw Diameter 7mm 90 Mm	PCS
D07100074	Hollow Screw Diameter 7mm 95 Mm	PCS
D07100075	L - Plate Oblique Left	PCS
D07100076	L - Plate Oblique Right	PCS
D07100077	L - Plates 4 Holes L84mm Left	PCS
D07100078	L - Plates 4 Holes L84mm Right	PCS
D07100079	L - Plates 6 Holes L116mm Left	PCS
D07100080	L - Plates 6 Holes L116mm Right	PCS
D07100081	L-Buttress Plates 4 Holes Left	PCS
D07100082	L-Buttress Plates 4 Holes Right	PCS
D07100083	Malleolar Screws Diameter 4.5mm 25mm	PCS
D07100084	Malleolar Screws Diameter 4.5mm 30mm	PCS
D07100085	Malleolar Screws Diameter 4.5mm 35mm	PCS
D07100086	Malleolar Screws Diameter 4.5mm 40mm	PCS
D07100087	Malleolar Screws Diameter 4.5mm 45mm	PCS
D07100088	Malleolar Screws Diameter 4.5mm 50mm	PCS
D07100104	Semi-Tubular Plates 3 Holes Length 55mm	PCS
D07100105	Semi-Tubular Plates 4 Holes Length 71mm	PCS
D07100106	Semi-Tubular Plates 5 Holes Length 87mm	PCS
D07100107	Semi-Tubular Plates 6 Holes Length 103mm	PCS
D07100108	T - Plates 4 Holes Length 84mm	PCS
D07100109	T - Plates 5 Holes Length 100mm	PCS
D07100110	T - Plates 6 Holes Length 116mm	PCS
D07100111	T - Plates 8 Holes Length 148mm	PCS
D07100112	Washers 7mm D For Cancellous Screws	PCS
D07100113	Washers 13mm D For Cancellous Screws	PCS
D07100114	Washers Spiked Washer For 3.5mm Cortical Screws	PCS
D07100115	Washers Spiked Washer For 4.5mm Cortical Screws	PCS
<b>7.11</b>	<b>Orthopaedic Prostheses</b>	
D07110001	Austin Moore Hip Prostheses, Narrow 38 Mm	PCS
D07110002	Austin Moore Hip Prostheses, Narrow 40 Mm	PCS
D07110003	Austin Moore Hip Prostheses, Narrow 42 Mm	PCS
D07110004	Austin Moore Hip Prostheses, Narrow 44 Mm	PCS
D07110005	Austin Moore Hip Prostheses, Narrow 45 Mm	PCS
D07110006	Austin Moore Hip Prostheses, Narrow 46mm	PCS
D07110007	Austin Moore Hip Prostheses, Narrow 48mm	PCS
D07110008	Austin Moore Hip Prostheses, Narrow 49mm	PCS
D07110009	Austin Moore Hip Prostheses, Narrow 54 Mm	PCS
D07110010	Austin Moore Hip Prostheses, Regular Stem 38 Mm	PCS
D07110011	Austin Moore Hip Prostheses, Regular Stem 40 Mm	PCS
D07110012	Austin Moore Hip Prostheses, Regular Stem 42 Mm	PCS
D07110013	Austin Moore Hip Prostheses, Regular Stem 44 Mm	PCS
D07110014	Austin Moore Hip Prostheses, Regular Stem 45 Mm	PCS
D07110015	Austin Moore Hip Prostheses, Regular Stem 46 Mm	PCS
D07110016	Austin Moore Hip Prostheses, Regular Stem 47 Mm	PCS
D07110017	Austin Moore Hip Prostheses, Regular Stem 48 Mm	PCS
D07110018	Austin Moore Hip Prostheses, Regular Stem 49 Mm	PCS

MOH Code	Name of Category and Products	Unit of Issue
D07110019	Austin Moore Hip Prostheses, Regular Stem 50 Mm	PCS
D07110020	Austin Moore Hip Prostheses, Regular Stem 51 Mm	PCS
D07110021	Austin Moore Hip Prostheses, Regular Stem 52 Mm	PCS
D07110022	Austin Moore Hip Prostheses, Regular Stem 54 Mm	PCS
D07110023	Austin Moore Hip Prostheses, Regular Stem 56 Mm	PCS
D07110024	Bone Cement Bone Cement	PCS
<b>7.12</b>	<b>Theatre Clothing</b>	
D07120001	Disposable Gowns Clean	PCS
D07120002	Disposable Nurse Hat	PCS
D07120003	Disposable Operation Mask	PCS
D07120004	Disposable Shoe Covers	PCS
<b>7.13</b>	<b>Vascular Grafts, Meshes And Related Products</b>	
D07130001	Dacron Graft 20mmx 60cm	SET
D07130004	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 16x8mm 40cm	PCS
D07130005	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 16x9mm 40cm	PCS
D07130006	Unigraft Gelatin 16x9mm 40cm	PCS
D07130007	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 18mm 30cm	PCS
D07130008	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 20mm 30cm	PCS
D07130009	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 20mm 60cm	PCS
D07130010	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 40mm 20cm	PCS
D07130011	Unigraft Double-Velour Vascular Prosthesis, Impregnated With Absorbable Gelatin 8mm 18cm	PCS
D07130012	Vascular Graft Bifurcated Stretch	PCS
D07130013	Vascular Graft Stretch 6mm X 80cm	PCS
D07130014	Vascular Graft Stretch 8mm X 80cm	PCS
<b>7.14</b>	<b>Wound Closure</b>	
D07140001	Absorbable Gelatin Sponge 7cm X 7cm	PCS
D07140006	Skin Stapler 36 Staples	PCS
<b>8</b>	<b>Ophthalmic Products</b>	
<b>8.1</b>	<b>Cannulae</b>	
D08010001	Anterior Chamber Maintainer Cannula Self-Retaining Chamber Maintainer	BOX/3
D08010002	Cystotome Irrigating Cystotome (Formed) 25g, 50x16mm 5004	BOX/10
D08010003	Cystotome Irrigating Cystotome (Blumenthal) Formed, 27g, 40x16mm 5042	BOX/10
D08010004	Cystotome Irrigating Cystotome (Side Cutting) 25g, 50x16mm 1602	BOX/10
D08010006	Irrigation - Aspiration Cannula Coaxial I/A Cannula 18g (Modified) (Pearce) 1279	BOX/5
D08010007	Irrigation - Aspiration Cannula Coaxial I/A Cannula 18g (Pearce) 1624	BOX/5
D08010008	Irrigation - Aspiration Cannula Coaxial I/A Cannula 23g 5045	BOX/5
D08010009	Irrigation - Aspiration Cannula Irrigation And Aspiration Cannula (Simcoe) 23g 5110	BOX/3
D08010010	Lacrimal Cannula Curved Lacrimal Cannula 21g 1276	BOX/10
D08010011	Sub-Tenon's Anaesthesia Cannula (Curved) 5176	BOX/10
<b>8.2</b>	<b>External Use Products</b>	
D08020001	Adhesive Sheet Dressing Ophthalmic Surgical Incise Drape Visiflex Incise Drape Vc 1700	BOX/10
D08020002	Bag Mini Fluid Collection Bag With Wick	BOX/20
D08020003	Shield Universal Eye Shield (Clear With Ventilation Holes)	BOX/50
D08020004	Sponge Microsurgical Eye Sponge	20PACK X 5
<b>8.3</b>	<b>Intra-Ocular Lens Implant</b>	
D08030003	Anterior Chamber Iol 17.0 Od	PCS
D08030004	Anterior Chamber Iol 18.0 Od	PCS
D08030005	Anterior Chamber Iol 19.0 Od	PCS
D08030006	Anterior Chamber Iol 20.0 Od	PCS

MOH Code	Name of Category and Products	Unit of Issue
D08030007	Anterior Chamber Iol 21.0 Od	PCS
D08030008	Anterior Chamber Iol 22.0 Od	PCS
D08030010	Glide Surgical Glide Length 30mm	BOX/50
D08030011	Manipulator Button Tip Manipulator (Angled)	BOX/3
D08030012	Manipulator Lens Manipulating Hook (Formed)	BOX/3
D08030013	Micro Iris / Capsule Retractor (Angled)	BOX/3
D08030014	Posterior Chamber (One Piece) 15.0 Od	PCS
D08030015	Posterior Chamber (One Piece) 16.0 Od	PCS
D08030016	Posterior Chamber (One Piece) 17.0 Od	PCS
D08030017	Posterior Chamber (One Piece) 18.0 Od	PCS
D08030018	Posterior Chamber (One Piece) 19.0 Od	PCS
D08030019	Posterior Chamber (One Piece) 20.0 Od	PCS
D08030020	Posterior Chamber (One Piece) 21.0 Od	PCS
D08030021	Posterior Chamber (One Piece) 22.0 Od	PCS
D08030022	Posterior Chamber (One Piece) 23.0 Od	PCS
D08030023	Posterior Chamber (One Piece) 24.0 Od	PCS
<b>8.4</b>	<b>Knives</b>	
D08040001	Anterior Chamber Stiletto Knife Angled, Blumenthal	BOX/3
D08040002	Edge Ahead Ac Stiletto Knife 90 Mm ( Blumenthal 5220	BOX/3
D08040005	Nucleus Hydrodissector (Curved) 27g Flatted Tip	BOX/10
<b>8.5</b>	<b>Lacrimonal</b>	
D08050001	Intubation Sets Dcr Set (Angled)	BOX/3
D08050002	Intubation Sets Lacrimonal Intubation Set	BOX/3
D08050003	Intubation Sets Lacrimonal Intubation Set With Retrieval Device 5013	BOX/3
D08050004	Probe Punctal Dilator And Lacrimonal Probe	BOX/3
<b>8.6</b>	<b>Needles</b>	
D08060001	Retrobulbar Anaesthesia 50 X 38mm, 25g	BOX/10
<b>8.7</b>	<b>Oculoplastic</b>	
<b>8.8</b>	<b>Syringe</b>	
D08080001	Syringe Spring Assisted 3ml-Aspirating Syringe	BOX/20
<b>9</b>	<b>Radiology</b>	
<b>9.1</b>	<b>Radiology</b>	
D09010001	Dental X-Ray Film Injectable	PCS
D09010002	Dental X-Ray Film Occlusal	PCS
D09010003	Developer 1 Lt	LT
D09010004	Disposable Enema Tips For Barium Enema X - Ray Examination Of The Colon 18fr Paediatric Tip	PCS
D09010005	Disposable Enema Tips For Barium Enema X - Ray Examination Of The Colon Rounded Tip( Adult)	PCS
D09010006	Disposable Enema Tips For Barium Enema X - Ray Examination Of The Colon XI Tip (Adult)	PCS
D09010007	Fixer 1 Lt	LT
D09010009	X-Ray Film 18x24 Cm	BOX/100
D09010010	X-Ray Film 24x30 Cm	BOX/100
D09010011	X-Ray Film 30x40 Cm	BOX/100
D09010012	X-Ray Film 35x35 Cm	BOX/100
D09010013	X-Ray Film 35x43 Cm	BOX/100
D09010014	X-Ray Mammography Film 18x24cm	BOX/100
D09010015	X-Ray Dental Film #30x15 ( Panorama )Box Of 100	<b>Box</b>
D09010016	C .T Film ( Laser Imaging Film 35*43 Cm Cat. 848 8884 ) Close System .4/125sh.Cartidges(Dry View)	<b>NO</b>
<b>10</b>	<b>Respiratory Support</b>	
<b>10.1</b>	<b>Airways</b>	
D10010001	Airway Disposable Size 00	PCS
D10010002	Airway Disposable Size 0	PCS
D10010003	Airway Disposable Size 1	PCS
D10010004	Airway Disposable Size 2	PCS
D10010005	Airway Disposable Size 3	PCS
D10010006	Airway Disposable Size 4	PCS

MOH Code	Name of Category and Products	Unit of Issue
<b>10.2</b>	<b>Face Masks</b>	
D10020001	Oxygen Mask Adult	PCS
D10020003	Oxygen Mask Paediatric	PCS
D10020004	Tracheostomy Mask Soft Plastic With Connector Adult	PCS
D10020005	Tracheostomy Mask Soft Plastic With Connector Paediatric	PCS
D10020006	Venturi Mask With Venturi Valve 24%	PCS
D10020007	Venturi Mask With Venturi Valve 28%	PCS
D10020008	Venturi Mask With Venturi Valve 35%	PCS
D10020009	Venturi Mask With Venturi Valve 40%	PCS
<b>10.3</b>	<b>Nebulisation And Humidification</b>	
D10030002	Humidifying Capsule	PCS
D10030003	Humidifying Chamber	PCS
D10030004	Hydrothermal With Luer Lock Connector	PCS
D10030005	Nebulizer Complete	PCS
D10030006	Oxygen Humidifier Oxygen Humidifier	PCS
<b>10.4</b>	<b>Oxygen Therapy</b>	
D10040001	Naso-Pharyngeal Airways 6mm Id	PCS
D10040002	Naso-Pharyngeal Airways 7mm Id	PCS
D10040003	Naso-Pharyngeal Airways 8mm Id	PCS
D10040004	Oxygen Connecting Tube	PCS
D10040005	Oxygen Nasal Cannulae Adult	PCS
D10040006	Oxygen Nasal Cannulae Paediatric	PCS
<b>10.5</b>	<b>Suction Catheters</b>	
D10050002	Finger Tip Connection Finger Tip Connection	PCS
D10050003	Suction Catheter With Valve 6 Ch (Green)	PCS
D10050004	Suction Catheter With Valve 8 Ch (Blue)	PCS
D10050005	Suction Catheter With Valve 10 Ch (Black)	PCS
D10050006	Suction Catheter With Valve 12 Ch (White)	PCS
D10050007	Suction Catheter With Valve 14 Ch (Light Green)	PCS
D10050008	Suction Catheter With Valve 16 Ch (Orange)	PCS
D10050009	Suction Catheter With Valve 18 Ch (Red)	PCS
D10050010	Suction Connection With Finger Tip 300cm	PCS
D10050011	Tracheal Suction Set (Mucus Extractor)	SET
D10050012	Yankauer Catheter Yankauer Catheter	PCS
<b>11</b>	<b>Sutures</b>	
<b>11.1</b>	<b>Chromic</b>	
D11010001	Chromic Catgut Chromic 0 150cm Without Needle	DZ
D11010002	Chromic Catgut Chromic 0 75cm ,35mm 1/2 Circle Rb Needle	DZ
D11010003	Chromic Catgut Chromic 0 75cm ,30mm 1/2 Circle Rb Needle	DZ
D11010004	Chromic Catgut Chromic 0 75cm ,40mm 1/2 Circle Rb Needle	DZ
D11010005	Chromic Catgut Chromic 1 75cm ,40mm 1/2 Circle Rb Needle	DZ
D11010006	Chromic Catgut Chromic 1 75cm ,63mm Blunt Point 3/8 Rb Needle	DZ
D11010007	Chromic Catgut Chromic 1 75cm ,80mm 1/2 Circle Rb Heavy Needle	DZ
D11010009	Chromic Catgut Chromic 1 150cm Without Needle	DZ
D11010010	Chromic Catgut Chromic 2 150cm Without Needle	DZ
D11010011	Chromic Catgut Chromic 2 75cm ,40mm 1/2 Circle Rb Heavy Needle	DZ
D11010012	Chromic Catgut Chromic 2/0 75cm ,30mm 1/2 Circle Rb Needle	DZ
D11010014	Chromic Catgut Chromic 2/0 75cm ,35mm 1/2 Circle Tc Needle	DZ
D11010015	Chromic Catgut Chromic 3/0 75cm ,25mm 1/2 Circle Rb Needle	DZ
D11010016	Chromic Catgut Chromic 3/0 75cm ,16mm 1/2 Circle Cut Needle	DZ
D11010018	Chromic Catgut Chromic 4/0 75cm ,20mm 1/2 Circle Rb Needle	DZ
<b>11.2</b>	<b>Ethibond</b>	
D11020004	Ethibond Ethibond Green 2/0 90cm 17mm Tc 1/2 Circle Double Needle	DZ
D11020006	Ethibond Ethibond Green 3/0 90cm 17mm Tc Sx 1/2 Circle Double Needle	DZ
D11020008	Ethibond Ethibond Green 4/0 75cm ,20mm 1/2 Circle Rb Double Needle	DZ
D11020011	Ethibond Ethibond Green 5/0 90cm 17mm Tc 1/2 Circle Double Needle	DZ

MOH Code	Name of Category and Products	Unit of Issue
D11020012	Ethibond Ethibond Green 6/0 75cm ,13mm 3/8 Rb Double Needle	DZ
D11020017	Ethibond Teflon Ethibond 2/0 Teflon 75cm ,17mm 1/2 Circle Tc Double Needle	DZ
D11020018	Ethibond Teflon Ethibond White 2/0 Teflon 75cm ,17mm 1/2 Circle Tc Double	DZ
	Needle With Pledgets	
D11020019	Ethibond Teflon Ethibond White 2/0 Teflon 75cm ,25mm 1/2 Circle Tc Double Needle With Pledgets	DZ
<b>11.3</b>	<b>Nylon</b>	
D11030002	Nylon Nylon Black 0 150cm Loop ,40mm 1/2 Circle Rb Needle (Heavy)	DZ
D11030003	Nylon Nylon Black 1 50cm ,90mm 3/8 Cutting Needle /40mm Vinyl Tubing	PACK/2
D11030007	Nylon Nylon Black 2/0 100cm ,45mm 3/8 Reverse Cutting Needle	DZ
D11030009	Nylon Nylon Black 3/0 45cm ,26mm 3/8 Reverse Cutting Needle	DZ
D11030010	Nylon Nylon Black 4/0 45cm ,19mm 3/8 Reverse Cutting Needle	DZ
D11030011	Nylon Nylon Black 5/0 45cm ,15mm Slim Blade 3/8 Cutting Needle	DZ
D11030012	Nylon Nylon Black 6/0 45cm ,15mm Slim Blade 3/8 Cutting Needle	DZ
D11030013	Nylon Nylon, Black 10/0 30cm 6mm Spatula 3/8 Double Needle	DZ
<b>11.4</b>	<b>Pds</b>	
D11040001	Pds Pds Clear 4/0 45cm ,25mm 3/8 Prime Cutting Needle	DZ
D11040002	Pds Pds Violet 0 90cm ,35mm 1/2 Circle Tc Needle	DZ
D11040005	Pds Pds Violet 2/0 70cm ,25mm 1/2 Circle Rb Needle	DZ
D11040007	Pds Pds Violet 3/0 70cm ,25mm 1/2 Circle Rb Needle	DZ
<b>11.5</b>	<b>Plain</b>	
D11050002	Plain Catgut Plain 0 75cm ,40mm 1/2 Circle Rb Needle	DZ
D11050006	Plain Catgut Plain 2/0 75cm ,50mm 1/2 Circle Rb Needle	DZ
<b>11.6</b>	<b>Prolene</b>	
D11060008	Prolene Prolene 3/0 75cm ,16mm 3/8 Cutting Needle	DZ
D11060019	Prolene Prolene 5/0 75cm ,13mm 1/2 Circle Rb Double Needle	DZ
D11060020	Prolene Prolene 5/0 90cm ,16mm 1/2 Circle Cc Double Needle	DZ
D11060023	Prolene Prolene 6/0 60cm ,13mm 3/8 Rb Vb Double Needle	DZ
D11060024	Prolene Prolene 6/0 75cm ,13mm 3/8 Rb Double Needle	DZ
D11060025	Prolene Prolene 7/0 60cm ,11mm 3/8 Cc Double Needle	DZ
D11060026	Prolene Prolene 7/0 60cm ,13mm Cc 3/8 Double Needle	DZ
D11060027	Prolene Prolene 7/0 60cm ,8mm 3/8 Rb Double Needle	DZ
<b>11.7</b>	<b>Silk</b>	
D11070001	Silk Silk Black 0 180cm Without Needle	DZ
D11070002	Silk Silk Black 0 75cm ,30mm 1/2 Circle Rb Needle	DZ
D11070003	Silk Silk Black 0 75cm ,45mm 3/8 Reverse Cutting Needle	DZ
D11070004	Silk Silk Black 1 180cm Without Needle	DZ
D11070006	Silk Silk Black 1 75cm ,35mm 1/2 Circle Rb Needle	DZ
D11070007	Silk Silk Black 1 75cm ,60mm 3/8 Cutting Needle	DZ
D11070009	Silk Silk Black 2 75cm On 40mm 1/2 Circle Rb Heavy Needle	DZ
D11070011	Silk Silk Black 2/0 45cm ,26mm 3/8 Reverse Cutting Needle	DZ
D11070012	Silk Silk Black 2/0 75cm ,16mm 3/8 Cutting Needle	DZ
D11070015	Silk Silk Black 3/0 45cm ,26mm 3/8 Reverse Cutting Needle	DZ
D11070016	Silk Silk Black 3/0 75cm ,16mm 3/8 Cutting Needle	DZ
D11070018	Silk Silk Black 3/0 75cm ,25mm 1/2 Circle Rb Needle	DZ
D11070019	Silk Silk Black 3/0 75cm ,30mm 1/2 Circle Rb Needle	DZ
D11070020	Silk Silk Black 4/0 38cm ,16mm 3/8 Cutting Double Needle	DZ
D11070021	Silk Silk Black 4/0 75cm 16mm 1/2 Circle Rb Needle	DZ
D11070023	Silk Silk Black 5/0 75cm ,16mm 3/8 Cutting Needle	DZ
D11070024	Silk Silk Black 6/0 45cm ,10mm 3/8 Reverse Cutting Double Mp Needle	DZ
D11070026	Silk Silk Black 7/0 45cm ,8mm 3/8 Reverse Cutting Double Mp Needle	DZ
D11070027	Silk Silk Blue 8/0 45cm ,8mm 1/2 Circle Rb Needle	DZ
D11070028	Silk 5-0 W528 C-N	DZ
<b>11.8</b>	<b>Vicryl</b>	
D11080003	Vicryl Vicryl Undyed 6/0 45cm ,13mm 1/2 Circle Rb Needle	DZ
D11080005	Vicryl Vicryl Violet 0 75cm ,40mm 1/2 Circle Rb Needle	DZ
D11080008	Vicryl Vicryl Violet 1 75cm ,40mm 1/2 Circle Rb Needle	DZ

MOH Code	Name of Category and Products	Unit of Issue
D11080011	Vicryl Vicryl Violet 2 75cm On 45mm 1/2 Circle Tc Heavy Needle	DZ
D11080012	Vicryl Vicryl Violet 2/0 75cm ,30mm 1/2 Circle Rb Needle	DZ
D11080015	Vicryl Vicryl Violet 3/0 75cm ,25mm 1/2 Circle Rb Needle	DZ
D11080017	Vicryl Vicryl Violet 4/0 75cm ,20mm 1/2 Circle Rb Needle	DZ
D11080018	Vicryl Vicryl Violet 4/0 45cm On 19mm 3/8 Reverse Cutting Needle	DZ
D11080019	Vicryl Vicryl Violet 5/0 75cm ,16mm 1/2 Circle Rb Needle	DZ
D11080020	Vicryl Vicryl Violet 5/0 75cm ,16mm 3/8 Cutting Needle	DZ
D11080021	Vicryl Vicryl Violet 6/0 45cm ,8mm Spatulated 1/4 Circle Needle	DZ
<b>11.9</b>	<b>Wax, Meshes And Tapes</b>	
D11090001	Bone Wax Bone Wax 2.5 Gr	DZ
D11090003	Mersilene Mesh 30 X 30 Cm	PCS
D11090004	Mersilene Tape 30cm X 5mm, 65mm 1/2 Circle Rb Blunt Heavy Double Needle	PCS
D11090005	Nylon Tape 700mm X 6mm	DZ
D11090006	Prolene Mesh 30x30cm	PCS
D11090007	Surgicel Gauze (Absorbable Haemostat) 1.3cm X 5.1cm	DZ
D11090008	Surgicel Gauze (Absorbable Haemostat) 10cm X 20cm	DZ
<b>12</b>	<b>Wound Management</b>	
<b>12.1</b>	<b>Bandages</b>	
D12010001	Adhesive Elastic Bandage 10 Cm	PCS
D12010002	Bandage Plaster Of Paris 2.7m 3 Inch	BOX/12
D12010003	Bandage Plaster Of Paris 2.7m 4 Inch	BOX/12
D12010004	Bandage Plaster Of Paris 2.7m 6 Inch	BOX/12
D12010005	Bandage Plaster Of Paris 2.7m 8 Inch	BOX/12
D12010006	Bandage Plaster Of Paris 2.7m 10 Inch	BOX/12
D12010007	Bandage Plaster Of Paris 2.7m 12 Inch	BOX/12
D12010008	Cotton Webril Bandage 10cm	ROLL
D12010009	Cotton Webril Bandage 15cm	ROLL
D12010010	Elastic Bandage 4m 8cm	PCS
D12010011	Elastic Bandage 4m 10cm	PCS
D12010012	Gauze Bandage Roll 2.7m 5cm	PCS
D12010013	Gauze Bandage Roll 2.7m 7cm	PCS
D12010014	Gauze Bandage Roll 2.7m 10cm	PCS
D12010015	Gauze Bandage Roll 2.7m 12cm	PCS
D12010016	Trico Stockinette 6cm	KG
D12010017	Trico Stockinette 8cm	KG
<b>12.2</b>	<b>Dressings</b>	
D12020001	Cotton Pallet	BOX/2500
D12020002	Cotton Sponge	BOX/12
D12020003	Cotton Wool Z Fold 100mg Pack	KG
D12020004	Dental Cotton Pallets Size 3	BOX
D12020005	Eye Pad Adhesive	PCS
D12020006	Eye Pad Non Adhesive	PCS
D12020007	Framycetin Sulphate In A Base Of Soft Paraffin Bp 1% W/W (10mg/G) Sterile Dressing 10cm X 10cm	PK/10
D12020008	Nasal Tampon Sterile 8cm	BOX/20
D12020009	Paraffin Gauze Dressing, Sterile 10cm X 10cm	BOX/36
D12020010	Patient Napkin	PK/50
D12020011	Transparent Dressing Film 6cm X 7cm	PCS
D12020012	Transparent Dressing Film 10cm X 12cm	PCS
D12020013	Transparent Dressing Film 20cm X 30cm	PCS
D12020014	Transparent Dressing Film 45cm X 60cm	PCS
<b>12.3</b>	<b>Swabs</b>	
D12030001	Gauze / Meters, Non Sterile Width 90cm	METER
D12030002	Radio-Opaque Cotton Pad (Ready For Sterilization) 10x20cm	PACK/2
D12030003	Radio-Opaque Gauze Pad (Ready For Sterilization) 7.5cm X 7.5cm (8 Ply Per Pack)	PACK/4
D12030004	Radio-Opaque Gauze Pad (Ready For Sterilization) 10cm X 10cm (12ply Per Pack)	PACK/10

MOH Code	Name of Category and Products	Unit of Issue
D12030005	Radio-Opaque Laparotomy Sponge (Ready For Sterilization) 30cm X 30cm	PACK/5
D12030006	Radio-Opaque Laparotomy Sponge (Ready For Sterilization) 45cm X 45cm	PACK/5
<b>12.4</b>	<b>Tapes And Plaster</b>	
D12040001	Micropore 2.5cm X 9.14m	ROLL
D12040002	Micropore 5.0cm X 9.14m	ROLL
D12040003	Plaster Zinc Oxide 5.0cm X 9.14m	ROLL
D12040004	Plaster Zinc Oxide 7.5cm X 9.14m	ROLL

*Annex 6*

**MEDICAL PROCEDURES (TREATMENT ABROAD)  
CODE TABLE**

<b>Medical Procedures (Treatment Abroad)</b>	
<b>Data Element Name</b>	Medical Procedures (Treatment Abroad)
<b>Reference ID</b>	B037
<b>Data Element Type</b>	Concept Data Element
<b>Definition</b>	Medical procedure: Is a medical action done for the patient in the treating hospital or medical center. It could be surgery or any treatment by admission in the hospital, or consultation or analysis or any other investigations by ambulatory. (Source: TAO Gaza)
<b>Data Type</b>	Numeric
<b>Field Size</b>	4

**Usage and Content:** To assist in analysis of utilization and health care financing.

<b>Codes and Values:</b>	1.0	Cardiology
	1.1	Cardiac Management
	1.2	Cardiac Follow Up
	1.3	Cardiology Consultation
	1.4	Cardiac Investigations & Evaluation
	1.5	E.C.G.
	1.6	Echo-Doppler Heart
	1.7	Trans-Oesophageal Echo-Cardiography
	1.8	Electro-Physiological Study
	1.9	E. P. S. +- Radio-Frequency Ablation
	1.10	Cardiac Pacemaker Implantation
	1.11	Cardiac Pacemaker Adjustment
	1.12	Cardiac Pacemaker
	1.13	Cardiac Dual Sequential Pacemaker
	1.14	Cardiac Triple Sequential Pacemaker
	1.15	Implantable Cardiac Defibrillator (I.C.D.)
	1.16	E.C.P.T. (External Counterpulsation Therapy)
	2.0	Heart Catheterization
	2.1	Cardiac Catheterization
	2.2	Interventional Cardiac Catheterization
	2.3	PTCA (Percut. Transluminal Coronary Angioplasty)
	2.4	Stent Implantation
	2.5	PTCA + Stent Implantation
	2.6	Valvuloplasty
	2.7	Aortoplasty
	2.8	Closure of P.D.A. By Cardiac Catheterization
	3.0	Heart Surgery
	3.1	Cardiac Surgery
	3.2	Cardiac Surgery Follow Up
	3.3	C.A.B.G.
	3.4	Mitral Valve Replacement
	3.5	Aortic Valve Replacement
	3.6	Tricuspid Valve Replacement
	3.7	Pulmonary Valve Replacement
	3.8	Prosthetic Cardiac Valve
	3.9	Cardiac Valve Repair
	3.10	Thrombectomy

- 3.11 Pediatric Cardiac Surgery
- 3.12 P.D.A. Surgical Closure
- 3.13 Closure of Cardiac Septal Defect
- 3.14 Closure of A-V Canal
- 3.15 B-T (Blalock-Taussig) Shunt
- 3.16 Fontan's Operation
- 3.17 Glenn Shunt
- 3.18 Total Cavo-Pulmonary Connection
- 3.19 Repair of Aorta
- 3.20 Sternoplasty
- 4.0 Vascular Surgery
- 4.1 Vascular Management
- 4.2 Vascular Follow Up
- 4.3 Vascular Consultation
- 4.4 Vascular Investigations & Evaluation
- 4.5 A.V. Fistula
- 4.6 Angiography
- 4.7 Cerebral Angiography
- 4.8 Carotid Angiography
- 4.9 Doplex Scan
- 4.10 Angiography Both Lower Limbs
- 4.11 Angioplasty
- 4.12 Pta (Percutaneous Transluminal Angioplasty)
- 4.13 Pta +/- Stent Implantation
- 5.0 Chest
- 5.1 Chest Management
- 5.2 Chest Follow Up
- 5.3 Chest Consultation
- 5.4 Chest Investigations & Evaluation
- 5.5 Bronchoscopy
- 5.6 Bronchoscopic Tracheal Dilatation
- 6.0 Chest Surgery
- 6.1 Chest Surgery Management
- 6.2 Chest Surgery Follow Up
- 6.3 Chest Surgery Consultation
- 6.4 Chest Surgery Investigations & Evaluation
- 6.5 Lobectomy
- 6.6 Pneumonectomy
- 6.7 Pleurodesis
- 7.0 Internal Medicine
- 7.1 Medical Management
- 7.2 Medical Follow Up
- 7.3 Medical Consultation
- 7.4 Medical Investigations & Evaluation
- 7.5 P.C.R. (Polymerase Chain Reaction)
- 7.6 Sclerotherapy
- 7.7 Variceal Band Ligation
- 7.8 Oesophageal Balloon Dilatation
- 7.9 Endoscopy
- 7.10 Gastroscopy
- 7.11 Colonoscopy
- 8.0 General Surgery
- 8.1 Surgical Management
- 8.2 Surgical Follow Up
- 8.3 Surgical Consultation

- 8.4 Surgical Investigations & Evaluation
- 8.5 E.R.C.P.
- 8.6 E.R.C.P. + Biopsy +/- Stent
- 8.7 Removal of Biliary Stent
- 8.8 Repair of Hernia
- 8.9 Thyroidectomy
- 8.10 Splenectomy
- 8.11 Cholecystectomy
- 8.12 Laparoscopic Cholecystectomy
- 8.13 Cholelithotomy
- 8.14 Laparoscopic Sympathectomy
- 8.15 Fistulectomy
- 8.16 Fissurectomy
- 8.17 Haemorrhoidectomy
- 8.18 Rectal Muscle Repair
- 8.19 Colostomy
- 8.20 Colostomy Closure
- 8.21 Percutaneous Drainage
- 8.22 Radio-Frequency Thermal Ablation
- 9.0 Nephrology
- 9.1 Nephrological Management
- 9.2 Nephrological Follow Up
- 9.3 Nephrology Consultation
- 9.4 Nephrological Investigations & Evaluation
- 9.5 Renal Artery Angiography
- 9.6 Haemodialysis
- 9.7 CAPD (Continual Ambulatory Peritoneal Dialysis)
- 9.8 Renal Biopsy
- 9.9 Kidney Transplantation
- 9.10 Renal Therapy
- 9.11 Nephrostomy
- 9.12 Nephrectomy
- 10.0 Urology
- 10.1 Urological Management
- 10.2 Urological Follow Up
- 10.3 Urology Consultation
- 10.4 Urological Investigations & Evaluation
- 10.5 Urodynamic Study
- 10.6 ESWL (Extracorporeal Shock Wave Lithotripsy)
- 10.7 PCNL (Percutaneous Nephrolithotomy)
- 10.8 Nephrolithotomy
- 10.9 Ureterolithotomy
- 10.10 Stent Implantation in the Ureter
- 10.11 Stent Removal from the Ureter
- 10.12 Re-Implantation of Ureter
- 10.13 Nephroscopy
- 10.14 Nephroplasty
- 10.15 Ureteropyeloplasty
- 10.16 Ureteroplasty
- 10.17 Ureteroscopy
- 10.18 Cystoscopy
- 10.19 Cystectomy
- 10.20 Cystoplasty
- 10.21 Trans-Urethral Resection
- 10.22 Sphincteroplasty

- 10.23 Urethroplasty
- 10.24 Urethral Valve Ablation
- 10.25 Prosthesis Implantation at Bladder Neck
- 10.26 Prostatectomy
- 10.27 Orchiopexy
- 10.28 Varicocelelectomy
- 10.29 Hydrocelelectomy
- 10.30 Hypospadias Repair
- 11.0 Infertility
- 11.1 I.V.F.
- 11.2 Infertility Follow Up
- 11.3 Infertility Consultation
- 11.4 Infertility Investigations & Evaluation
- 11.5 Bilateral Testicular Biopsy
- 12.0 Gynaecology & Obstetrics
- 12.1 Gynaecological Management
- 12.2 Gynaecological Follow Up
- 12.3 Gynaecology Consultation
- 12.4 Gynaecological Investigations & Evaluation
- 12.5 Chorionic Villous Sampling (C.V.S.)
- 12.6 Amniocentesis
- 12.7 Intra-Uterine Blood Transfusion for the Foetus
- 12.8 Normal Labour
- 12.9 Caesarean Section
- 12.10 D. & C.
- 12.11 Endometrial Biopsy
- 12.12 Surgical Hysteroscopy
- 12.13 Hysterectomy
- 12.14 Myomectomy
- 12.15 Salpingo-Oophorectomy
- 12.16 Salpingolysis
- 13.0 Pediatrics
- 13.1 Pediatric Management
- 13.2 Pediatric Follow Up
- 13.3 Pediatrics Consultation
- 13.4 Pediatric Investigations & Evaluation
- 14.0 Pediatric Surgery
- 14.1 Pediatric Surgery Management
- 14.2 Pediatric Surgery Follow Up
- 14.3 Pediatric Surgery Consultation
- 14.4 Pediatric Surgery Investigations & Evaluation
- 14.5 Oesophageal Balloon Dilatation
- 15.0 Endocrinology
- 15.1 Endocrinological Management
- 15.2 Endocrinological Follow Up
- 15.3 Endocrinology Consultation
- 15.4 Endocrinological Investigations & Evaluation
- 15.5 Thallium-Technetium Subtraction Scan
- 16.0 Neurology
- 16.1 Neurological Management
- 16.2 Neurological Follow Up
- 16.3 Neurology Consultation
- 16.4 Neurological Investigations & Evaluation
- 16.5 Doppler Brain
- 16.6 E.M.G.

- 16.7 E.E.G.
- 17.0 Neurosurgery
- 17.1 Neurosurgical Management
- 17.2 Neurosurgical Follow Up
- 17.3 Neurosurgery Consultation
- 17.4 Neurosurgical Investigations & Evaluation
- 17.5 Cervical Disc Surgery
- 17.6 Thoracic Disc Surgery
- 17.7 Lumbar Disc Surgery
- 17.8 Laminectomy
- 17.9 Surgical Decompression
- 17.10 Spinal Fixation
- 17.11 Neurosurgical Plates & Nails
- 17.12 Removal of Neurosurgical Plates & Nails
- 17.13 Craniotomy
- 17.14 Craniotomy for Brain Tumour Operation
- 17.15 V-P Shunt
- 17.16 Microscopic Neurosurgery
- 17.17 Stereotactic Biopsy
- 17.18 Gamma Knife Treatment
- 17.19 Peripheral Nerves Repair
- 18.0 Ophthalmology
- 18.1 Ophthalmic Management
- 18.2 Ophthalmic Follow Up
- 18.3 Ophthalmology Consultation
- 18.4 Ophthalmic Investigations & Evaluation
- 18.5 Fluorescein Fundus Angiography
- 18.6 Electro-Physiological Tests for the Eye
- 18.7 Photodynamic Therapy for the Eye
- 18.8 Retinal Detachment Repair
- 18.9 Vitrectomy
- 18.10 Scleral Fixation
- 18.11 Silicon Oil Removal
- 18.12 Membranectomy
- 18.13 Iridoplasty
- 18.14 Synechotomy
- 18.15 Lensectomy
- 18.16 Secondary I.O.L. Implantation
- 18.17 Artisan Myopic I.O.L. Implantation
- 18.18 Cataract Extraction
- 18.19 Glaucoma Operation
- 18.20 Keratoplasty
- 18.21 Keratoplasty + Cataract Operation + I.O.L.
- 18.22 Photo Keratotomy
- 18.23 INTACS (Intra Corneal Rings)
- 18.24 Lasik Procedure
- 18.25 Laser Therapy for the Eye
- 18.26 Fitting of Ocular Prosthesis
- 18.27 Fitting of Hard Contact Lenses
- 18.28 Pterygium Removal
- 18.29 Eye Lid Repair
- 18.30 Squint Correction Surgery
- 18.31 Dcr (Dacryocystorhinostomy)
- 18.32 Probing of the Nasolacrimal Duct
- 18.33 Removal of Intraocular Foreign Body

- 18.34 Orbitotomy
- 18.35 Orbital Reconstruction
- 18.36 Eye Enucleation
- 19.0 E.N.T.
- 19.1 E.N.T. Management
- 19.2 E.N.T. Follow Up
- 19.3 E.N.T. Consultation
- 19.4 E.N.T. Investigations & Evaluation
- 19.5 Endoscopic Sinus Surgery
- 19.6 Endoscopic Nasal Polypectomy
- 19.7 Septorhinoplasty
- 19.8 Uvulopalatopharyngoplasty
- 19.9 Tympanoplasty
- 19.10 Meatoplasty
- 19.11 Mastoidectomy
- 19.12 Stapedectomy
- 19.13 Ossicular Reconstruction
- 19.14 Cochlear Implantation
- 19.15 Direct Laryngoscopy & Stripping of Vocal Cords
- 19.16 Laryngoscopy
- 19.17 Laryngoplasty
- 19.18 Laryngectomy
- 19.19 Implantation of Voice Device
- 20.0 ORO-Dental Surgery
- 20.1 ORO-Dental Management
- 20.2 ORO-Dental Follow Up
- 20.3 ORO-Dental Surgery Consultation
- 20.4 ORO-Dental Investigations & Evaluation
- 21.0 Maxillo-Facial Surgery
- 21.1 Maxillo-Facial Management
- 21.2 Maxillo-Facial Follow Up
- 21.3 Maxillo-Facial Surgery Consultation
- 21.4 Maxillo-Facial Investigations & Evaluation
- 21.5 Maxillo-Facial Plastic Surgery
- 22.0 Hematology
- 22.1 Hematological Management
- 22.2 Hematological Follow Up
- 22.3 Hematology Consultation
- 22.4 Hematological Investigations & Evaluation
- 22.5 Immunophenotyping & Chromosomal Study
- 22.6 Bone Marrow Examination
- 22.7 Bone Marrow Biopsy
- 22.8 Bone Marrow Transplantation
- 22.9 Hematological Chemotherapy
- 22.10 Plasmaphoresis
- 22.11 Anti-Thymocyte Globulin
- 22.12 Irradiated RBCS
- 23.0 Oncology
- 23.1 Oncological Management
- 23.2 Oncological Follow Up
- 23.3 Oncology Consultation
- 23.4 Oncological Investigations & Evaluation
- 23.5 High Dose Chemotherapy
- 23.6 Chemotherapy
- 23.7 Radiotherapy

23.8	Radiotherapy + Chemotherapy
23.9	Radiotherapy Simulator
23.10	Electron Beam Therapy
23.11	Immuno-Globulins I.V.
24.0	Orthopaedics
24.1	Orthopaedic Management
24.2	Orthopaedic Follow Up
24.3	Orthopaedics Consultation
24.4	Orthopaedic Investigations & Evaluation
24.5	Bone Densimetry
24.6	Arthroscopy
24.7	External Bone Fixation
24.8	Internal Bone Fixation
24.9	Bone Elongation
24.10	Ilizarov Apparatus
24.11	Ilizarov Apparatus Adjustment
24.12	Ilizarov Apparatus Removal
24.13	Interlocking Nail
24.14	Orthopaedic Plates & Nails
24.15	Removal of Orthopaedic Plates & Nails
24.16	Bone Grafting
24.17	Corrective Osteotomy
24.18	Surgical Correction of the Vertebral Column
24.19	Isola Apparatus
24.20	Muscle Tendon Elongation
24.21	Reconstruction of Bony Deformities
24.22	Reconstruction of Joint Ligaments
24.23	T.H.R.
24.24	Hip Joint Prosthesis
24.25	T.K.R.
24.26	Knee Joint Prosthesis
24.27	T.S.R.
24.28	Shoulder Joint Prosthesis
24.29	T.E.R.
24.30	Elbow Joint Prosthesis
24.31	Tumour Joint Prosthesis
24.32	Hyperbaric Oxygen Therapy
25.0	Rehabilitation
25.1	Rehabilitation
25.2	Rehabilitation Consultation
25.3	Physiotherapy
25.4	Occupational Therapy
25.5	Artificial Prosthesis
25.6	Long Leg Brace
25.7	Below Knee Brace
25.8	Above Knee Prosthesis
25.9	Below Knee Prosthesis
25.10	Wheel Chair
25.11	Electrical Wheel Chair
25.12	Torsion Splint
25.13	Genu Varum Brace
25.14	Walker
25.15	Hearing Aid
25.16	Speech Therapy
25.17	Arch Supirt

26.0	Dermatology & Venereology
26.1	Dermatological Management
26.2	Dermatological Follow Up
26.3	Dermatology Consultation
26.4	Dermatological Investigations & Evaluation
26.5	Laser Therapy for the Skin
26.6	Co2 Therapy for the Skin
26.7	P.U.V.A. Therapy for the Skin
27.0	Plastic Surgery
27.1	Plastic Surgery Management
27.2	Plastic Surgery Follow Up
27.3	Plastic Surgery Consultation
27.4	Plastic Surgery Investigations & Evaluation
27.5	Laser Plastic Therapy for the Skin
28.0	Burns
28.1	Burn Management
28.2	Burn Follow Up
28.3	Burn Consultation
28.4	Burn Investigations & Evaluation
29.0	I.C.U.
29.1	I.C.U. Management
29.2	N.I.C.U. Management
29.3	C.I.C.U. Management
30.0	Isotope Scan & Nuclear Medicine
30.1	Radio-Active Iodine Uptake
30.2	Whole Body Iodine Scan
30.3	Isotope Thyroid Scan
30.4	Isotope Bone Scan
30.5	Isotope Kidney Scan
30.6	TC-DTPA (Diethylenetriaminepentaacetic Acid) Scan
30.7	TC-DMSA (Dimercaptosuccinic Acid) Scan
30.8	Isotope Liver Scan
30.9	Isotope Abdomen & Pelvis Scan
30.10	MUGA Scan Heart (Multi-Gated Acquisition)
30.11	Thalium Scintigraphy
30.12	Lymphoscintigraphy
30.13	HIDA (Hepatic Iminodiacetic Acid) Scan
30.14	Isotope Lung Scan
30.15	MIBG (Meta-Iodo-Benzo-Guanidine) Scan
30.16	Isotope Vertebral Column Scan
30.17	Labelled RBC Radioactive Scan
30.18	Isotope Scan With Leucocytes
30.19	Pet (Positron Emission Tomography)
31.0	M.R.I.
31.1	M.R.I. Brain
31.2	M.R.I. Spinal Cord
31.3	M.R.I. Pituitary Gland
31.4	M.R.I. Cervical Spine
31.5	M.R.I. Lumbar Spine
31.6	M.R.I. Thoracic Spine
31.7	M.R.I. Orbit
31.8	M.R.I. Nasopharynx
31.9	M.R.I. Face
31.10	M.R.I. Head
31.11	M.R.I. Neck

31.12	M.R.I. Chest
31.13	M.R.I. Heart
31.14	M.R.I. Inferior Vena Cava
31.15	M.R.I. Abdomen
31.16	M.R.I. Liver
31.17	M.R.I. Pelvis
31.18	M.R.I. Thigh
31.19	M.R.I. Knee
31.20	M.R.I. Leg
31.21	M.R.I. Foot
31.22	M.R.I. Arm
31.23	M.R.I. Elbow
31.24	M.R.I. Forearm
31.25	M.R.I. Hand
31.26	MRA
31.27	MRV
32.0	C.T. Scan & Diagnostic Procedures
32.1	C.T. Brain
32.2	C.T. Cervical Spine
32.3	C.T. Dorsal Spine
32.4	C.T. Lumbar Spine
32.5	C.T. Vertebral Column
32.6	C.T. Pituitary Gland
32.7	C.T. Skull
32.8	C.T. Base of Skull
32.9	C.T. Temporal Bone
32.10	C.T. Middle Ear
32.11	C.T. Orbit
32.12	C.T. Nasal Bone
32.13	C.T. Nasal Sinuses
32.14	C.T. Nasopharynx
32.15	C.T. Parotid Gland
32.16	C.T. Head
32.17	C.T. Neck
32.18	C.T. Ribs
32.19	C.T. Trachea
32.20	C.T. Chest
32.21	C.T. Abdomen
32.22	C.T. Liver
32.23	C.T. Gall Bladder
32.24	C.T. Pancreas
32.25	C.T. Pelvis
32.26	C.T. Sacral Region
32.27	C.T. Thigh
32.28	C.T. Knee
32.29	C.T. Leg
32.30	C.T. Ankle
32.31	C.T. Foot
32.32	C.T. Shoulder
32.33	C.T. Arm
32.34	C.T. Elbow
32.35	C.T. Forearm
32.36	C.T. Hand
32.37	C.T. Bone
32.38	C.T. Whole Body

- 32.39 Ultrasonography
- 32.40 T.R.U/S
- 32.41 Nephrostography
- 32.42 Arthrography
- 32.43 Bone Densimetry Scan
- 32.44 Mammography
- 32.45 Biopsy
- 32.46 F.N.A. Biopsy
- 32.47 True-Cut Biopsy
- 32.48 C.T. Guided Biopsy
- 32.49 E.U.G.A.
- 33.0 Laboratory Analysis
- 33.1 Chromosomal Study [ Blood Samples ]
- 33.2 Karyotyping Study [ Blood Samples ]
- 33.3 Immunophenotyping Study [ Blood Samples ]
- 33.4 Metabolic Screening [ Samples ]
- 33.5 Blood & Urine Analysis [ Samples ]
- 33.6 Blood Analysis [ Blood Samples ]
- 33.7 Urine Analysis [ Urine Samples ]
- 33.8 Amino Acids In Blood & Urine [ Samples ]
- 33.9 Organic Acids In Urine [ Urine Samples ]
- 33.10 VLCFA Estimation [ Blood Samples ]
- 33.11 Fish (Fluorescence In Situ Hybridization) Test
- 33.12 Culture & Sensitivity Test
- 33.13 Urine Culture for T.B. [ Urine Samples ]
- 33.14 C.S.F. Examination
- 33.15 Histopathological Study
- 33.16 Examination for Organ or Tissue Donor

**Technical Comments:** None

*Annex 7*

**USER GUIDE  
FOR  
LABORATORY TESTS REFERENCE VALUES**

<b>Data element name</b>	<b>Laboratory Tests</b>
<b>Reference ID</b>	Z003
<b>Data Element Type</b>	Composite Element
<b>Definition</b>	Reference values are guidelines for the clinician and cannot be used as definitive indicators of health or pathologic states. In addition, values for healthy and diseased individuals can overlap, and significant inter- and intra-individual differences exist even among health individuals. The reference values may vary according to age, sex and test methodology.
<b>Data Type</b>	Alphanumeric
<b>Field Size</b>	3

**Codes and Values:**

Concatenation of:

A                      Name of test group  
 NN                    Name of test subgroup

**Technical Comments:**

The Standard medical laboratory tests classification is reported using a three alphanumeric code. The first character is the code to indicate name of the family group; followed by two numeric codes to indicate name of family subgroup.

**For Example:** C    Clinical Chemistry  
                               03    Alkaline Phosphates (Alk Phos)

**Laboratory Tests Main Groups:**

C    Clinical Chemistry  
 H    Hematology  
 G    Coagulation  
 B    Blood Bank  
 S    Serology  
 V    Sero.Virology  
 R    Routine  
 M    Microbiology  
 I    Immunology  
 T    Tumor Markers  
 D    Therapeutic Drug Monitoring (TDM)  
 E    Endocrinology  
 A    Advanced Test  
 O    Electrophoresis

## LABORATORY TESTS REFERENCE VALUES

Code	Test	Guided Reference Value			
Clinical Chemistry					
C01	Aspartate Amiotransferase (AST)	Newborn	40 – 120	U/L	
		Infant	25 – 95	U/L	
		Adult (M)	00 – 37	U/L	
		Adult (F)	00 – 31	U/L	
C02	Alanine Amiotransferase (ALT)	Child	13 – 45	U/L	
		Adult (M)	00 – 43	U/L	
		Adult (F)	00 – 32	U/L	
C03	Alkaline Phosphatase (Alk phos)	Child	(3 Times Adult)	U/L	
		Adult (M)	53 – 174	U/L	
		Adult (F)	42 – 144	U/L	
C04	Gamma Glutamyltransferase (GGT)	Male	11 – 49	U/L	
		Female	07 – 32	U/L	
		Conversion Factor	U/L X 0.017=	Ukat/L	
C05	Bilirubin Total	< 5 Days	1.5 – 12	mg/dL	
		5 Days – 60 Years	0.3 – 1.2	mg/dL	
		60 – 90 Years	0.2 – 1.1	mg/dL	
C06	Bilirubin Direct	Direct bilirubin	< 0.2	mg/dL	
		Indirect bilirubin	< 1.1	mg/dL	
C07	Urea	Child	05 – 30	mg/dL	
		Adult	13 – 43	mg/dL	
		60 – 90 Years	07 – 49	mg/dL	
		> 90 Years	21 – 66	mg/dL	
C08	Creatinine (Serum)	Infant	0.2 – 0.4	mg/dL	
		Child	0.3 – 0.7	mg/dL	
		Adolescent	0.5 – 1.0	mg/dL	
		Adult (M)	0.6 – 1.2	mg/dL	
		Adult (F)	0.5 – 1.1	mg/dL	
		Critical Value		> 2.0	mg/dL
C09	Creatinine Clearance	< 12 Years	45 – 109	mL/min/1.73m <sup>2</sup>	
		13 – 40 Years (M)	90 – 137	mL/min/1.73m <sup>2</sup>	
		13 – 40 Years (F)	88 – 128	mL/min/1.73m <sup>2</sup>	
		Decrease ~ (per decade)	6.5	mL/min/1.73m <sup>2</sup>	
		Critical Values			
		Border line	62.5 – 80	ml/min/1.73m <sup>2</sup>	
		Slight	52 – 62.5	ml/min/1.73m <sup>2</sup>	
		Mild	42 – 52	ml/min/1.73m <sup>2</sup>	
		Moderate	28 – 42	ml/min/1.73m <sup>2</sup>	
		Marked	< 28	ml/min/1.73m <sup>2</sup>	
C10	Uric Acid	Child	2.0 – 5.5	mg/dL	
		Adult (M)	3.5 – 7.2	mg/dL	
		Adult (F)	2.6 – 6.0	mg/dL	
		> 60 Years (M)	3.5 – 7.2	mg/dL	
		> 60 Years (F)	2.5 – 7.0	mg/dL	
		Critical Value	> 12.0	mg/dL	
C11	Protein Total	Infant	4.6 – 7.0	g/dL	
		Child	5.6 – 8.0	g/dL	
		Adult (Ambulatory)	6.4 – 8.3	g/dL	
		Adult (Recumbent)	6.0 – 7.8	g/dL	
C12	Albumin	4 Days –14 Years	3.8 – 5.4	g/dL	

Code	Test	Guided Reference Value		
		15 –18 Years	3.2 – 4.5	g/dL
		> 18 Years	3.4 – 4.8	g/dL
C13	Globulin		2.2 – 4.5	gm/dL
C14	Protein 24 Hour (Urine)	At Rest	50 – 80	mg/day
		After Excer.	< 250	mg/day
C15	Electrolytes	K+	3.6 – 5.1	mEq/L
		Na+	135 – 145	mEq/L
		Cl -	98 – 110	mEq/L
		Critical Values		
		K+	Low < 2.5	mEq/L
			High > 6.5	mEq/L
		Na+	Low < 120	mEq/L
			High > 158	mEq/L
Cl-	Low < 80	mEq/L		
	High > 115	mEq/L		
C16	Calcium Total (Serum)	00 – 10 Days	7.6 – 10.4	mg/dL
		11 Day – 24 Months	9.0 – 11.0	mg/dL
		03 – 12 Years	8.8 – 10.8	mg/dL
		13 – 18 Years	8.4 – 10.2	mg/dL
		19 – 60 Years	8.6 – 10.2	mg/dL
		61 – 90 Years	8.8 – 10.2	mg/dL
		> 90 Years	8.2 – 9.6	mg/dL
		Critical Values		
		Tetany	<7.0	mg/dl
		Coma	>12.0	mg/dl
		Possible death	≤ 6.0 and ≥14.0	mg/dl
C17	Calcium Total (Urine)	Infant and child	Up to 6.0	mg/kg/day
		Adult	100 – 300	mg/day
C18	Calcium Ionized (Ca++)	Infant (Whole Blood)	4.8 – 5.9	mg/dL
		Child (Serum)	4.8 – 5.5	mg/dL
		Adult (Serum)	4.6 – 5.3	mg/dL
C19	Phosphorus	Neonatal	3.5 – 8.6	mg/dL
		1 –3 Years	3.8 – 5.5	mg/dL
		4 –11 Years	2.9 – 5.4	mg/dL
		12 – 15 Years	2.9 – 5.4	mg/dL
		16 – 60	2.7 – 4.5	mg/dL
		> 60 Years (M)	2.3 – 3.7	mg/dL
		> 60 Years (F)	2.8 – 4.1	mg/dL
C20	Magnesium	Child	1.2 – 2.2	mg/dL
		Adult	1.6 – 2.6	mg/dL
C21	Cholesterol Total	Child	<170	mg/dL
		Adult	<200	mg/dL
		Critical Values		
		Child	170-199	mg/dL
		Adult	200-239	mg/dL
		High Risk Values		
		Child	> 200	mg/dL
Adult	> 240	mg/dL		
C22	High Density Lipoprotein Cholesterol (HDL)	Child	37 – 75	mg/dL
		Adult (M)	35 – 65	mg/dL
		Adult (F)	35 – 80	mg/dL
		Critical Values		

Code	Test	Guided Reference Value		
C23	Low Density Lipoprotein Cholesterol (LDL)	Neg. Risk Factor	> 60	mg/dL
		High risk of CHD	< 35	mg/dl
		Child	<110	mg/dL
		Adult	<130	mg/dL
		Moderate Values		
		Child	00 – 129	mg/dl
		Adult	130 – 159	mg/dL
		High Risk Values		
		Child	≥ 130	mg/dL
		Adult	≥ 160	mg/dL
C24	Triglyceride	Child	30 – 150	mg/dL
		Adult (M)	40 – 160	mg/dL
		Adult (F)	35 – 135	mg/dL
		High Risk	400-1000	mg/dL
		V. High Risk of Pancreatitis	> 1000	mg/dL
C25	Creatine Kinase (CK– Total)	Child & Adult (M)	26 – 190	U/L
		Child & Adult (F)	26 – 155	U/L
C26	Creatine Kinase (CK– M.B)		< 6	% Of Total CK
C27	Lactate Dehydrogenase (LDH)	Adult	225 – 450	U/L
		High Risk	> 450	U/L
C28	Glucose Fasting	Child	060 – 100	mg/dL
		Adult	070 – 110	mg/dL
		Critical Values		
		Risk of Hypoglycemia	< 50	mg/dL
		High	> 700	mg/dL
		Impaired fasting Glucose	110 – 126	mg/dl
		Provisional Diagnosis of D.M	> 126	mg/dl
C29	Glucose 2 hour Post Prandial	Child	<120	mg/dL
		Adult	<140	mg/dL
		Critical Values		
		Impaired Glucose Tolerance	140 – 200	mg/dl
C30	G6PD In Erythrocytes	All Ages	118 – 144	mU/10 <sup>9</sup> Ercs
C31	Iron	Newborn	100 – 250	µg/dL
		Infant	040 – 100	µg/dL
		Child	050 – 120	µg/dL
		Adult (M)	065 – 175	µg/dL
		Adult (F)	050 – 170	µg/dL
		Critical Values		
		Iron Over Load	> 220	µg/dl
		Fatally Poisoned Child	> 1800	µg/dl
C32	Total Iron Binding Capacity (TIBC)	Child	100 – 400	µg/dL
		Adult	250 – 450	µg/dL
C33	Amylase	Adult	025 – 125	U/L
C34	Ammonia	Child & Adult	0.17– 0.8	µg/mL
		OR	10 – 47	µmol/L
C35	Blood Gases (WB) Arterial	pH	7.35 – 7.45	
		pCO <sub>2</sub> Newborn	27 – 40	mm Hg
		pCO <sub>2</sub> Infant	27 – 41	mm Hg
		pCO <sub>2</sub> Adult (M)	35 – 48	mm Hg
		pCO <sub>2</sub> Adult (F)	32 – 45	mm Hg
		pO <sub>2</sub>	83 – 108	mm Hg

Code	Test	Guided Reference Value	
		<b>Critical Values</b>	
		pH Compatible With Life is 6.8 – 7.8	
		pCO <sub>2</sub>	Low < 20 mm Hg High > 70 mm Hg
		pO <sub>2</sub>	< 40 mm Hg
C36	Acid Phosphatase	Male (ACP)	2.7 – 10.7 U/L
		Male (PAP)	0.0 – 04.0 U/L
C37	Cholinesterase		5100 – 11700 U/L
C38	Sweet Chloride	Child Normal	05 – 40 mEq/L
		<b>Critical Values</b>	
		Cystic Fibrosis	> 60 mEq/L
C39	Met – Hemoglobin		Up to 1.5 % Of Total Hemoglobin
C40	D–Xylose	Child	> 30 mg/dL
		Adult	> 25 mg/dL
C41	Renal Tubular Phosphate	82 – 95 %	
		Phosphorus Serum	
		phosphorus Urine	
		Creatinine Serum	
		Creatinineurine	
		Urine Volume	
C42	Microalbuminuria and Albumine Creatinine Ratio (ACR)	Normal	< 30 mg/day
		ACR	< 30 µg/mg Creatinine
		Creatinine Urine	
		Albumine Urine	
		Urine Volume	
		<b>Critical Values</b>	
		Microalbuminuria	30 – 300 mg/day
		ACR creatinine	30 – 300 µg/mg
		Macroalbuminuria	> 300 mg/day
		ACR creatinine	> 300 µg/mg
C43	GlucoseTolerance Test (GTT)	Glucose Fasting	
		Glucose 30 min	
		Glucose 60 min	
		Glucose 90 min	
		Glucose 120 min	
		<b>Pregnant Female</b>	
		Glucose Fasting	
		Glucose 60 min	
		Glucose 120 min	
		Glucose 180 min	
C44	Cerepro Spinal Fluid (C.S.F Chemistry)	Glucose	60 % Of Blood Glucose
		Infant	40 – 120 mg/dL
		Child/Adult	15 – 45 mg/dL
		Protein	15 – 45 mg/dL
		Leukocytes Total	< 5 Cells/µL
		Leukocytes Differential	
		Lymphocytes	
		Neutrophil	
C45	Body Fluid for Chemistry	RBCs	< 5 Cells/µL
		Glucose	

Code	Test	Guided Reference Value
	<b>Ascitic Fluid Analysis / Report</b>	Protein
		LDH
		Chloride
		Cholestrol
		Leukocytes Total
		Leukocytes Differential
		Lymphocytes
		Monocyte
		Neutrophil
<b>C46</b>	<b>Body Fluid for Chemistry Pleural Fluid Analysis / Report</b>	Glucose
		Protein
		LDH
		Chloride
		Cholestrol
		Leukocytes Total
		Leukocytes Differential
		Lymphocytes, Monocyte, Neutrophil
<b>C47</b>	<b>Body Fluid for Chemistry Synovial Fluid Analysis / Report</b>	Glucose
		Protein
		LDH
		Chloride
		Cholestrol
		Leukocytes Total
		Leukocytes Differential
		Lymphocytes, Monocyte, Neutrophil
<b>C48</b>	<b>Body Fluid for Chemistry Others / Report</b>	Glucose
		Protein
		LDH
		Chloride
		Cholestrol
		Leukocytes Total
		Leukocytes Differential
		Lymphocytes, Monocyte, Neutrophil
<b>C49</b>	<b>Ceruloplasmin</b>	Child 33 – 56 mg/dL
		Adult 18 – 45 mg/dL
		<b>Levels Rise During Pregnancy</b>

Hematology				
H01	Complete Blood Count (CBC)			
	Neonate (0 – 28 Days)	1 – 5 months	6 m – 6 Years	7 – 12 Years
WBC	05.0 – 21.0*10 <sup>9</sup> cell/L	06.0 – 18.0*10 <sup>9</sup> cell/L	05.5 – 15.5*10 <sup>9</sup> cell/L	04.5 – 13.5*10 <sup>9</sup> cell/L
LYM	35.0 – 70.0 %	30.0 – 60.0 %	40.0 – 70.0 %	30.0 – 60.0 %
MID	00.1 – 24.0 %	00.1 – 24.0 %	00.1 – 24.0 %	00.1 – 24.0 %
GRAN	20.0 – 45.0 %	30.0 – 50.0 %	20.0 – 45.0 %	30.0 – 50.0 %
RBC	03.9 – 05.9*10 <sup>12</sup> cell/L	03.9 – 05.3*10 <sup>12</sup> cell/L	03.9 – 05.3*10 <sup>12</sup> cell/L	04.0 – 05.2*10 <sup>12</sup> cell/L
HGB	13.7 – 20.1 gm/dL	09.5 – 14.5 gm/dL	10.5 – 14.0 gm/dL	11.5 – 15.5 gm/dL
HCT	45.0 – 65.0 %	31.0 – 41.0 %	33.0 – 42 %	34.0 – 40.0 %
MCV	80.0 – 97.0 FL	80.0 – 97.0 FL	70.0 – 74 FL	76.0 – 80.0 FL
MCH	27.0 – 35.0 pg	27.0 – 35.0 pg	24.0 – 30 pg	25.0 – 33.0 pg
MCHC	33.0 – 37.0 %	33.0 – 37.0 %	30.0 – 36 %	31.0 – 37.0 %
RDW			11.5 – 14.5 %	11.5 – 14.5 %
	13 – 18 Years	Adult (Male)	Adult (Female)	
WBC	04.5 – 13.5*10 <sup>9</sup> cell/L	04.6 – 11*10 <sup>9</sup> cell/L	04.6 – 11.0*10 <sup>9</sup> cell/L	
LYM	10.0 – 50.0 %	10.0 – 58 %	10.0 – 58.0 %	
MID	00.0 – 12.0 %	00.1 – 24 %	00.1 – 24.0 %	
GRAN	35.0 – 75.0 %	37.0 – 80 %	37.0 – 80.0 %	
RBC	04.5 – 05.3*10 <sup>12</sup> cell/L	4.69 – 6.13*10 <sup>12</sup> cell/L	04.1 – 05.5*10 <sup>12</sup> cell/L	
HGB	12.0 – 16.0 gm/dL	13.5 – 17.5 gm/dL	12.0 – 16.0 gm/dL	
HCT	37.0 – 49.0 %	43.5 – 53.7 %	37.0 – 48.0 %	
MCV	78.0 – 120 FL	80.0 – 100 FL	80.0 – 100 FL	
MCH	25.0 – 35.0 Pg	27.0 – 31.2 Pg	27.0 – 31.0 pg	
MCHC	31.0 – 37.0 %	31.0 – 35 %	31.0 – 35.0 %	
RDW	11.5 – 14.5 %	11.5 – 14.5 %	11.5 – 14.5 %	
PLT	150 – 450*10 <sup>9</sup> cell/L	150 – 450*10 <sup>9</sup> cell/L	150 – 450*10 <sup>9</sup> cell/L	
H02	Hemoglobin (HB)		Neonate	13.7 – 20.1 gm/dL
			1 – 5 Months	9.5 – 14.5 gm/dL
			6 Month – 6 Year	10.5 – 14 gm/dL
			7 – 12 Year	11.5 – 15.5 gm/dL
			12 – 18 Year	12 – 16 gm/dL
			Adult (M)	13.5 – 17.5 gm/dL
			Adult (F)	12 – 16 gm/dL
H03	Leukocyte Count (WBC)		Neonate	5 – 21*10 <sup>9</sup> cell/L
			1 – 2 Months	5 – 21*10 <sup>9</sup> cell/L
			1 – 5 Months	6 – 18*10 <sup>9</sup> cell/L
			6 Month – 6 Year	5.5 – 15.5*10 <sup>9</sup> cell/L
			7 – 18 year	4.5 – 13.5*10 <sup>9</sup> cell/L
			Adult	4.6 – 11*10 <sup>9</sup> cell/L
H04	Differential (WBC)		Report	
H05	Blood Film		Report	
H06	Erythrocyte Sedimentation Rate (E.S.R – 1 <sup>st</sup> Hour)		Child	0 – 10 mm/1 <sup>st</sup> hour
			Adult (M)	0 – 15 mm/1 <sup>st</sup> hour
			Adult (F)	0 – 20 mm/1 <sup>st</sup> hour
H07	Bone Marrow / Special Stain		Report	
H08	Osmotic Fragility PH 7.4 temp.20 <sup>0</sup> c		% Nacl (g/dL)	% Hemolysis
			0.30	97 – 100
			0.35	90 – 099
			0.40	50 – 095
			0.45	05 – 045
			0.50	00 – 006
			0.55	0
H09	Platelets Count		150 – 450*10 <sup>9</sup> cell/L	

H10	Blood Grouping	A – B – AB – O	
H11	Rh	Positive – Negative	
H12	Reticulocyte Count	Neonate	5 % of RBC
		Child	1 % of RBC
		Adult (M)	0.5 – 1.8 % of RBC
		Adult (F)	1.2 – 2.2 % of RBC
Coagulation			
G01	Bleeding Time IVY	2 – 7 min	
		Critical Value	
		Border Line	7 – 11 min
G02	Clotting Time	All Ages	8 – 15 min(Tube Method)
G03	Prothrombin Time (PT)	All Ages	11 – 15 sec.
G04	Partial Thromboplastin Time (PTT)	All Ages	25 – 35 sec.
G05	Fibrinogen	Newborn	125 – 300 mg/dL
		Child & Adult	200 – 400 mg/dL
G06	Fibrinogen Degradation Product (FDP)	< 10 µg/mL	
G07	D-Dimer	Adult	68 – 494 µg/L
G08	Protein C	Normal activity	70 – 140 %
			2.82 – 5.65 µg/mL
G09	Protein S	Normal activity	67 – 140 %
			21 – 42 µg/mL
G10	Factor VIII	Normal activity	50 – 150 %
			0.5 – 1.5 µg/mL
G11	Factor IX	Normal activity	50 – 150 %
			0.5 – 1.5 µg /mL
G12	Von Willibrand Factor	Normal activity	60 – 150 %
			0.6 – 1.5 µg /mL
Blood Bank			
B01	Coombs, Direct	Neg.	
B02	Coombs, Indirect	Neg.	
Serology			
S01	Antisterptolysin O Test (ASOT)	< 200 IU/mL	
S02	C – Reactive Protein (CRP)	Neg = < 6 mg/ L	
S03	Rheumatoid Factor (R.F Latex)	Neg = < 8 IU/mL	
S04	Rose – Waaler Test (R.W)	Neg	
S05	Venereal Disease Research Laboratory (VDRL)	Neg	
S06	Brucella	Neg	
S07	Rocky Mountain Spotted Fever (OX19)	Neg = < 1/80	
S08	Widal	Neg. for Latex < 1 / 100 for Tube Method	
S09	Paul Bunnel	Neg	
S10	Rapid Plasma Reagin (RPR)	Neg	
Sero.Virology			
V01	Hepatitis B surface Antigen (HBsAg)	Neg	
V02	Hepatitis B envelope Antigen (HBeAg)	Neg	
V03	Hepatitis B core Antibody IgM (HBc IgM)	Neg	
V04	Hepatitis B core Antibody Total (HBc Total)	Neg	
V05	Hepatitis B envelope (e) Antibody (HBeAb )	Neg	
V06	Hepatitis B surface Antibody (HBsAb)	>10 IU/mL=Pos. For immunized persons. Neg For Normal Individuals.	
V07	Hepatitis C Virus Antibody Screening (anti HCV)	Neg	
V08	Anti Hepatitis A Virus IgM (Anti HAV IgM)	Neg	
V09	Anti Human Immunodeficiency Virus	Neg	
V10	Western Blot	Neg/Report	

V11	Toxoplasma Antibody IgM (Toxo IgM)	Neg
V12	Toxoplasma Antibody IgG (Toxo IgG)	Neg(< 2.0 IU/mL)
V13	Rubella IgM	Neg
V14	Rubella IgG	Up to 10 IU/mL For immunized persons. Neg. For normal individual <10 IU/mL Positive > 10 IU/mL
V15	Cytomegalovirus Antibody IgM (CMV IgM)	Neg
V16	Cytomegalovirus Antibody IgG (CMV IgG)	Neg
<b>Routine</b>		
R01	Urine Analysis	Report
R02	Pregnancy Test (Serum)	Neg (< 10 IU/L)
R03	Pregnancy Test (Urine)	Neg (< 10 IU/L)
R04	Stool Analysis	Report
R05	Oculta Blood	Neg
<b>Microbiology</b>		
M01	Acid Fast Stain	Neg
M02	Gram Stain	Neg
M03	Potassium Hydroxide (KOH)	Neg
M04	H.Pylori	Neg
M05	Blood Culture (C/S)	Neg
M06	C.S.F. C/S	Neg
M07	Body Fluids C/S	Neg
M08	Fungi Culture	Neg
M09	PUS C/S	Neg
M10	Sputum C/S	Neg
M11	Stool C/S	Neg
M12	Throat Swab C/S	Neg
M13	Urine C/S	Neg
<b>Immunology</b>		
I01	Anti Nuclear Antibody (ANA)	Neg = < 1/40
I02	Anti n.DNA	Neg
I03	Anti Double Stranded (ds.DNA)	Neg
I04	Extractable Nuclear Anti Body (ENA)	Report
I05	Anti Mitochondria Anti Body AMA	Neg = < 1/40
I06	Anti Smooth Muscle Anti Body(ASMA)	Neg = < 1/20
I07	Anti Microsomal	< 50 IU/mL
I08	Anti Thyroglobulin	< 100 IU/mL
I09	Endomysial Anti Body EMA	Neg
I10	Anti Cardiolipin IgM	< 7 IU/mL
I11	Anti Cardiolipin IgG	< 10 IU/mL
I12	Immunoglobulin A (IgA)	< 1 Month 02 – 50 mg/dL
		2 – 5 Month 20 – 80 mg/dL
		6 – 9 Month 08 – 80 mg/dL
		10 – 12 Month 15 – 90 mg/dL
		1 Year 15 – 110 mg/dL
I12	Immunoglobulin A (IgA) (Continuo)	2 – 3 Year 18 – 150 mg/dL
		4 – 5 Year 25 – 160 mg/dL
		6 – 8 Year 35 – 200 mg/dL
		9 – 12 Year 45 – 250 mg/dL
		13 – 18 Year 40 – 350 mg/dL
		Adult 59 – 311 mg/dL
I13	Immunoglobulin G (IgG)	< 1 Month 250 – 900 mg/dL
		2 – 5 Months 200 – 700 mg/dL
		6 – 9 Months 220 – 900 mg/dL

		10 – 12 Months	290 – 1070	mg/dL
		1 Year	340 – 1200	mg/dL
		2 – 3 Years	420 – 1200	mg/dL
		4 – 5 Years	460 – 1240	mg/dL
		6 – 8 Years	650 – 1600	mg/dL
		9 – 12 Years	740 – 1710	mg/dL
		13 – 18 Year	795 – 1650	mg/dL
		Adult	664 – 1825	mg/dL
I14	Immunoglobulin M (IgM)	< 1 Month	04 – 80	mg/dL
		2 – 5 Months	25 – 100	mg/dL
		6 – 9 Months	35 – 135	mg/dL
		10 – 12 Months	40 – 150	mg/dL
		1 Year	45 – 200	mg/dL
		2 – 3 Years	45 – 200	mg/dL
		4 – 5 Years	45 – 200	mg/dL
		6 – 8 Years	45 – 200	mg/dL
		9 – 12 Years	50 – 250	mg/dL
		13 – 18 Year	50 – 300	mg/dL
		Adult	45 – 205	mg/dL
I15	Immunoglobulin E (IgE)	Neonate	< 12	µg/mL
		1– 12 months	< 50	µg/mL
		3 – 4 Years	< 100	µg/mL
		5 Years or Older	< 300	µg/mL
I16	Complement 3 (C3)	Infant	74 – 160	mg/ dL
		Male	97 – 158	mg/dL
		Female	103 – 150	mg/dL
I17	Complement 4 (C4)	1 Month	27.5 – 47.5	mg/dL
		2 – 12 months	30.5 – 58.7	mg/dL
		Child & Adult(M)	16 – 45	mg/dL
		Child & Adult (F)	17 – 39	mg/dL
I18	LE – Cells	Neg		
Tumor Markers				
T01	Alfa – Fetoprotein (AFA)	Neonates	< 50000	ng/mL
		Infant & Child	< 30	ng/mL
		Adult Males		
		Non – Pregnant Females		
		0 – 15	ng/mL	
		> 50	ng/mL is essentially of AFP producing tumor.	
		> 100	ng/mL indicates secondary hepatoma.	
		Gestational Weeks	Maternal Serum	Amniotic Fluid
		15 wks	33.2	16.0
		16 wks	38.6	13.5
		17 wks	45.0	11.5
		18 wks	52.3	9.7
		19 wks	60.8	8.2
		20 wks	70.7	7.0
		21 wks	82.3	5.9
Critical Value			> 1000 ng/ml suggestion of hepatoma	
T02	Carcino Embryonic Antigen (CEA)	Adult Non Smoker	0 – 3.0	ng/mL
		Adult Smoker	0 – 5.0	ng/mL
T03	Cancer Antigen 125 (CA125)		0 – 35	U/mL
T04	Cancer Antigen 15 –3 (CA 15–3)		0 – 31	U/mL
T05	Cancer Antigen 19–9 (CA 19–9)		0 – 37	U/mL

		<b>Critical Value</b>	> 1000 U/ml indicates metastasis
<b>T06</b>	<b>Prostate Specific Antigen (PSA)</b>	Healthy	0 – 4.0 ng/mL
<b>Therapeutic Drug Monitoring (TDM) (Unit either ug/mL or mg/L)</b>			
<b>D01</b>	<b>Carbamazepine (Trough Value)</b>		04 – 10 µg/mL
		<b>Critical Value</b>	> 15 µg/mL
<b>D02</b>	<b>Phenytoin (Trough Value)</b>		10 – 20 µg/mL
		<b>Critical Value</b>	> 20 µg/mL
<b>D03</b>	<b>Phenobarbital (Trough Value)</b>		15 – 40 µg/mL
		<b>Critical Value</b>	> 40 µg/mL
<b>D04</b>	<b>Valproic Acid (Trough Value)</b>		50 – 100 µg/mL
		<b>Critical Value</b>	> 100 µg/mL
<b>D05</b>	<b>Cyclosporine (Trough Value)</b>	<b>Period from Renal Transplant</b>	
		0 – 6 Months	1.7 mg/mL
		6 – 12 Months	1.2 mg/mL
		12 Months – 3 Years	1.0 mg/mL
		> 3 Years	0.8 mg/mL
<b>D06</b>	<b>Digoxin (Trough Value)</b>		0.8 – 2.0 ng/mL
		<b>Critical Values</b>	
		Adult	> 2.5 ng/ml
		Child	> 3.0 ng/ml
<b>D07</b>	<b>Methotrexate (Trough Value)</b>	24hr	< 5.0 µmol/L
		48hr	< 0.5 µmol/L
		72hr	< 0.05 µmol/L
		<b>Critical Values</b>	
		24 h dose	≥ 5.0 µmol/L After high
		48 h	≥ 0.5 µmol/L
		72 h	≥ 0.05 µmol/L
<b>D08</b>	<b>Lithium</b>		0.6 – 1.2 mEq/L
		<b>Critical Value</b>	> 1.5 mEq/l
<b>* Trough = Prior to next oral dose.</b>			
<b>Endocrinology</b>			
<b>E01</b>	<b>Tetraiodothyronine (Total T4)</b>	Infant	7.2 – 16.5 µg/dL
		Child	6.0 – 13.3 µg/dL
		Adult	4.5 – 12.5 µg/dL
		Pregnancy	9.0 – 14.0 µg/dL
<b>E02</b>	<b>Free Thyroxine (F.T4)</b>	Newborn	2.2 – 5.3 ng/dL
		Child	0.8 – 2.0 ng/dL
		Adult	0.8 – 2.0 ng/mL
		Pregnancy 1 <sup>st</sup> trimester	0.7 – 2.0 ng/dL
		2nd & 3rd trimester	0.5 – 1.6 ng/dL
<b>E03</b>	<b>Triiodothyronine (Total T3)</b>	Child	125 – 250 ng/dL
		Adult	080 – 180 ng/dL
<b>E04</b>	<b>Free triiodothyronine (Free T3)</b>		1.95 – 5.85 pg/mL
<b>E05</b>	<b>Thyroid Stimulating hormones (TSH)</b>	Neoborn	1.0 – 20 µIU/mL
		Infant	1.7 – 9.1 µIU/mL
		Child	0.4 – 6.4 µIU/mL
		Adult(< 54 Years)	0.4 – 5.0 µIU/mL
		Adult(>55 Years)	0.5 – 8.9 µIU/mL
<b>E06</b>	<b>Prolactin</b>	Male	3.0 – 17.0 ng/mL
		Female	3.5 – 20.0 ng/mL
<b>E07</b>	<b>Follicular Stimulating Hormone (FSH)</b>	Infant	0.0 – 3.0 mIU/mL
		1 – 10 Years (M)	0.3 – 4.0 mIU/mL

		1 – 10 Years (F)	0.7 – 6.7	mIU/mL
		Puberty (M)	0.3 – 6.8	mIU/mL
		Puberty (F)	0.7 – 9.2	mIU/mL
		Male	1.1 – 13.5	mIU/mL
		Female(Follicular)	3.3 – 8.8	mIU/mL
		Female(Midcycle)	5.4 – 20.0	mIU/mL
		Female(Luteal)	1.6 – 8.7	mIU/mL
		Female(Post menopausal)	42.0–126.0	mIU/mL
<b>E08</b>	<b>Luteinizing Hormone (LH)</b>	< 10 Years	0.04 – 3.9	mIU/mL
		11 – 18 Years (M)	0.26 – 7.8	mIU/mL
		11 – 18 Years (F)	0.56 – 15.0	mIU/mL
		Adult (M)	5.0 – 20	mIU/mL
		Adult (F) Follicular & Luteal	5.0 – 15.0	mIU/mL
		Adult (F) Midcycle	30.0 – 60.0	mIU/mL
		Post menopausal	50.0–100.0	mIU/mL
<b>E09</b>	<b>Progesterone</b>	Male	0.1 – 1.2	ng/mL
		Female(Follicular)	0.1 – 1.4	ng/mL
		Female(Luteal)	1.6 – 21.0	ng/mL
		Female(Mid Luteal phase)	5.0 – 23.0	ng/mL
		Female(Post menopausal)	0.1 – 0.9	ng/mL
<b>E10</b>	<b>17– OH Progesterone</b>	Neonate	0.10 – 6.3	ng/mL
		Prepubertal Child	0.70 – 9.5	ng/mL
		Puberty (M)	0.01 – 1.75	ng/mL
		Puberty (F)	0.10 – 2.6	ng/mL
		Adult (M)	0.42 – 3.5	ng/mL
		Adult (F) Follicular phase	0.20 – 2.6	ng/mL
		Adult (F) Luteal phase	0.28 – 4.0	ng/mL
		Post menopausal	0.10 – 0.6	ng/mL
<b>E11</b>	<b>T. Testosterone</b>	Newborn (M)	0.75 – 4.0	ng/mL
		Newborn (F)	0.2 – 0.64	ng/mL
		Infant (M)	0.01 – 1.7	ng/mL
		Infant (F)	0.01 – 0.05	ng/mL
		Child (1 – 9 Years)(M)	0.02 – 0.25	ng/mL
		Child (1 – 9 Years)(F)	0.02 – 0.20	ng/mL
		Child (10 – 17 Years)(M)	2.65 – 8.0	ng/mL
		Child (10 – 17 Years)(F)	0.01 – 0.4	ng/mL
		Adult (M)	2.8 – 12.0	ng/mL
		Adult (F)	0.2 – 0.8	ng/mL
		Pregnancy	3 – 4 X Adult Level	
		Menopause	0.08 – 0.35	ng/mL
<b>E12</b>	<b>Free – Testosterone</b>	Newborn (M)	1.5 – 31.0	pg/mL
		Newborn (F)	0.5 – 2.5	pg/mL
		Infant (1 – 12 Months)(M)	0.7 – 14.0	pg/mL
		Infant (1 – 12 Months)(F)	0.3 – 1.1	pg/mL
		1 – 14 Years(M)	0.1 – 56.0	pg/mL
		1 – 14 Years(F)	0.1 – 1.5	pg/mL
		15 – 17 Years(M)	80.0 – 59.0	pg/mL
		15 – 17 Years(F)	1.0 – 1.5	pg/mL
		Adult (M)	8.69 – 54.6	pg/mL
		Adult (F) Follicular	0.45 – 3.17	pg/mL
		Adult (F) Luteal	0.46 – 2.48	pg/mL
		Adult (F) Post menopausal	0.29 – 1.73	pg/mL
<b>E13</b>	<b>Dehydroepiandrosterone (DHEA–S)</b>	Newborn (M)	108 – 406	µg/dL

		Newborn (F)	10 – 248	µg/dL
		Child(M)	2.0 – 43	µg/dL
		Child(F)	19 – 63	µg/dL
		17–50 Years(M)	281– 606	µg/dL
		17–50 Years(F)	195 – 342	µg/dL
		>50 Years (M)	117– 342	µg/dL
		>50 Years (F)	7.0– 348	µg/dL
		Amniotic fluid	10 – 50	ng/mL
<b>E14</b>	<b>Androstendione</b>	Child	0.1– 0.5	ng/mL
		Male	0.53 – 2.61	ng/mL
		Female (Pre menopausal)	0.37 – 2.4	ng/mL
		Female (Post menopausal)	0.3 – 8.0	ng/mL
<b>E15</b>	<b>Estradiol (E2)</b>	Male	< 62	pg/mL
		Female (Follicular)	18 – 147	pg/mL
		Female (Pre ovulatory peak)	93 – 573	pg/mL
		Female (Luteal)	43 – 214	pg/mL
		Female (Post menopausal)	< 58	pg/mL
<b>E16</b>	<b>Human Choronic Gonadotropin (β-hCG )</b>	Male	<3.0	mIU/mL
		Female (Cyclic)	<5.0	mIU/mL
		Female (Menopausal)	<10.0	mIU/mL
		Female (Pregnant Women)		
		Weeks of Amenorrhea (Post LMP)	Limits (mIU/mL)	
		03 – 04	00009 – 000130	
		04 – 05	00075 – 002600	
		05 – 06	00850 – 020800	
		06 – 07	04000 – 100200	
		07 – 12	11500 – 289000	
		12 – 16	18300 – 137000	
		16 – 29 (2 <sup>nd</sup> trimester)	01400 – 053000	
		29 – 41 (3 <sup>rd</sup> Trimester)	00940 – 060000	
<b>E17</b>	<b>Cortisol</b>	Trophoblastic disease	> 100,000	
		Infant (AM)	2 – 11	µg/dL
		Child (AM)	3 – 21	µg/dL
		Adult (AM)	5.0 – 25.0	µg/ dL
		Adult (PM)	2.5 – 12.5	µg/ dL
<b>E18</b>	<b>Human Growth Hormone (HGH)</b>	Child (10 –15 Years)	2.0 – 10	ng/mL
		Puberty(M)	0.0 – 5.0	ng/mL
		Puberty(F)	0.0 – 15.0	ng/mL
		Adult(M)	0.0 – 7.0	ng/mL
		Adult(F)	0.0 – 16.0	ng/mL
<b>E19</b>	<b>Parathyroid Hormone (PTH)</b>	Adult	12 – 72	pg/mL
<b>E20</b>	<b>Adrenocorticotrophic Hormone (ACTH)</b>	Male	25 – 65	pg/mL
		Female	25 – 68	pg/mL
<b>E21</b>	<b>Aldosterone</b>	0 – 3 Weeks	16.5 – 154	ng/dL
		1 – 11 Months	6.5 – 86.0	ng/dL
		1 – 10 Years(Supine)	3.0 – 39.5	ng/dL
		1 – 10 Years(Upright)	3.5 – 124	ng/dL
		≥ 11 Years	1.0 – 21.0	ng/dL
<b>E22</b>	<b>C– Peptide</b>		0.8 – 4.0	ng/mL
<b>E23</b>	<b>Ferritin</b>	6 Month– 15 Years	7.0 – 140.0	ng/mL
		Male	20 – 250	ng/mL
		Female	10 – 120	ng/mL
<b>E24</b>	<b>Insulin</b>	Child	< 13	mu/mL

		Adult	< 17	mu/mL
E25	Folic Acid	All Ages	3.0 – 17.0	g/mL
E26	Vitamin B12	All Ages	200 – 1100	pg/mL
<b>Advanced Test</b>				
A01	Glycated Hemoglobin (HbA1C)	Excellent Control	< 6.4	%
		Borderline	6.5 – 8.0	%
A02	Vanillylmandelic Acid (VMA)	Age	mg/24 hrs.urine	VMA/creatinine ratio(random)
		0 – 1 Year	Up to 1.8	< 18 µg/mg creatinine
		2 – 4 Year	Up to 3.0	< 12 µg/mg creatinine
		5 – 18 Year	Up to 4.0	< 09 µg/mg creatinine
		Adult	7 – 9.8	< 06 µg/mg creatinine
		Conversion Factor: 1mg/24hrs = 5.05 µmol/24hrs		
A03	Amino Acid Screen (TLC) /Serum	Neg.		
A04	Amino Aced Screen (TLC) Urine	Neg.		
A05	Stone Analysis	Report		
A06	Phenylalanin (PKU)	Neoborn	< 4.0	mg/dL
		<b>Critical Value</b>	> 6.0	mg/dl
A07	Neonatal Thyroid Stimulating Hormone	Newborn	0.6 – 26.0	µIU/mL
<b>Electrophoresis</b>				
O01	Hemoglobin Electrophoresis	Hemoglobulin A (HbA)	95 – 98	%
		Hemoglobin A2 (HbA2)	1.5 – 3.7	%
		Hemoglobin F (HbF)	< 2	%
		Hemoglobin S (Hbs)	0	%
O02	Protein Electrophoresis	Albumin	3.5 – 5.5	g/dL
		Alpha 1	0.1 – 0.4	g/dL
		Alpha 2	0.6 – 1.0	g/dL
		Beta	0.6 – 1.3	g/dL
		Gamma	0.7 – 1.5	g/dL