

# NATIONAL HEALTHCARE ESTABLISHMENT AND WORKFORCE SURVEY (NHEWS) FORM

# PRIMARY CARE

# A Collaboration of:

Medical Development Division, Medical Practice Division, Family Health Development Division, Medical Device Bureau, and Clinical Research Centre, National Institutes of Health.

## **INSTRUCTIONS TO PRIMARY CARE**

- 1. Section 1 is best filled by the Person in-Charge in the Administration Department.
- 2. Section 2 to Section 6 is best filled by Heads of Department or Person in-Charge of the relevant services/ departments.
- 3. Any queries please contact the Healthcare Statistics Unit, Clinical Research Centre at 03-4043 9300/ 9400 or fax 03-4043 9500 or email hsu@crc.gov.my.

#### National Healthcare Establishment and Workforce Survey (NHEWS): Primary Care

#### **General Instructions**

- 1. Please ensure that all sections of the NHEWS: Primary Care questionnaire have been provided. These include:
  - SECTION 1: ESTABLISHMENT DETAILS
  - SECTION 2: FACILITIES (2010)
  - SECTION 3: HEALTHCARE ACTIVITIES & SERVICES (2010)
  - SECTION 4: HEALTH WORKFORCE (2010)
  - SECTION 5: DOCTORS' DETAILS AS REPORTED ON 31/12/2010
  - SECTION 6: MEDICAL DEVICES (2010)

If any section has not been provided in the manual please contact us.

- 2. Data collected is for the year 2010.
- 3. Registration and data submission may be conducted in two ways:
  - Option 1: NHEWS: Primary Care web (online) survey
  - Option 2: NHEWS: Primary Care paper survey
- 4. Please provide the contact information in the **Information of person coordinating this survey (Primary Care Survey, Section 1).**(This information will be used to contact your establishment for the purpose of data clarification or dissemination of project updates.)
- 5. Where check boxes are provided, you may check one or more boxes. Where radio buttons are provided, check one box only.
- 6. Where a particular variable is not available or not applicable at your establishment, please enter 0.

## Option 1 - NHEWS: Primary Care web(online) survey

- 1. Unique usernames will be provided.

  (Each clinic will have a unique username and password that will enable viewing and editing of data for that respective clinic. To ensure the security of your data, please limit the number of users.)
- 2. Log on to our website http://www.crc.gov.my/nhsi
- 3. After completing each section, please click the "Save" button.

## **Option 2 - NHEWS: Primary Care paper survey**

- 1. The questionnaire has been provided in the manual and is downloadable from our website at http://www.crc.gov.my/nhsi.
- 2. All completed data must be returned using the pre-paid envelopes to the address below:

## Kementerian Kesihatan Malaysia

Clinical Research Centre Surveys and Research Projects 3<sup>rd</sup> Floor, MMA House 124, Jalan Pahang 53000 Kuala Lumpur

### Section 5: Doctors' Details as Reported on 31/12/2010

- 1. For establishments with only a few personnel please complete Section 5: Doctors' Details as Reported on 31/12/2010.
- 2. For establishments with a large number of staff kindly email the staff listing in an EXCEL spreadsheet or other electronic document to <a href="http://www.crc.gov.my/nhsi">http://www.crc.gov.my/nhsi</a> and upload using your username.
- 3. Doctor(s) to be included are Medical Officers (excluding House Officers), Specialists and Consultants.

#### **PRIMARY CARE** NATIONAL HEALTHCARE ESTABLISHMENT AND WORKFORCE SURVEY (NHEWS) 2010 Instruction: i) Where check boxes 🥅 are provided, check (√) one or more boxes. Where radio buttons 🔘 are provided, check (√) one box only. ii) All data is for the year 2010 unless indicated otherwise. Important: 1. If you prefer to complete the survey online, please go to www.crc.gov.my/nhsi Sekiranya anda ingin mengisi borang secara online, sila layari www.crc.gov.my/nhsi 2. If you are submitting a hard copy form, please return the form via fax to 03-4043 9500 or post using the prepaid envelope provided to the address below:-Sekiranya anda mengisi borang kertas, sila kembalikan melalui faks 03-4043 9500 atau melalui pos berdaftar ke alamat berikut: KEMENTERIAN KESIHATAN MALAYSIA, Clinical Research Centre Surveys and Research Projects, 3rd Floor, MMA House, 124, Jalan Pahang, 53000 Kuala Lumpur. 3. For any enquiries, kindly contact the Healthcare Statistics Unit at 03-4043 9300, or fax 03-4043 9500, or email hsu@crc.gov.my Jika terdapat sebarang pertanyaan, sila hubungi Unit Statistik Perkhidmatan Kesihatan di talian: 03-4043 9300, atau faks 03-4043 9500, atau emel hsu@crc.gov.my SECTION 1 : ESTABLISHMENT DETAILS / MAKLUMAT PREMIS YANG DITUBUHKAN 1. Name of establishment Nama pertubuhan 2. Owner of the establishment Pemilik pertubuhan 3. District Health Office Pejabat Kesihatan Daerah / bahagian / kawasan (For public clinics only/ Klinik kerajaan sahaja) 4. Address Alamat Postcode City / Town Bandar/Pekan Poskod District Daerah State Perlis Pahang Sarawak Selangor Negeri Kedah Negeri Sembilan Terengganu Wilayah Persekutuan Kuala Lumpur Melaka Kelantan Pulau Pinang Wilayah Persekutuan Putrajaya Perak Johor Sabah Wilayah Persekutuan Labuan 5. Contact information \*Office phone Faks Talian Telefon pejabat 6. Entrepreneurship Sole proprietor / Tuan punya tunggal Partnership / Perkongsian Keusahawanan Corporate body / Pertubuhan perbadanan Society / Persatuan (For private clinics only Klinik swasta sahaja) 7. Sector Armed forces / Angkatan tentera Ministry Of Health / Kementerian Kesihatan \* Sektor Non-government organization / Organisasi bukan kerajaan University / Universiti Private / Swasta 8. Year commenced operations Tahun mula beroperasi 9. Type of practice Individual / Perseorangan Jenis amalan Group / Berkumpulan (For private clinics only Klinik swasta sahaja) General practice clinic / 10. Type of establishment Please specify / Sila nyatakan Jenis pertubuhan Klinik perubatan am (For private clinics only Specialist clinic / Klinik pakar Klinik swasta sahaja) 11. Type of clinic Type 1 / Type 2 / Type 3 / Type 4 / Type 5 / Type 6 / Klinik kesihatan Jenis 1 Jenis 2 Jenis 6 Jenis 3 Jenis 4 Jenis 5 (For public clinics only Others, specify / Lain-lain, sila nyatakan -Klinik kerajaan sahaja) 12. Services provided Maternal Child Health (MCH) / Dental / Pergigian Perkhidmatan yang disediakan Kesihatan ibu dan anak (For public clinics only Accident & Emergency services / Outpatient / Perkhidmatan pesakit luar Klinik kerajaan sahaja) Perkhidmatan kecemasan dan trauma (kemalangan) 13. Information of person \* Name coordinating this survey Nama Maklumat pihak bertanggungjawab \* Designation bagi kaji selidik ini Jawatan Office phone Ext: Telefon pejabat Handphone Telefon bimbit

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Email E-mel

NATIONAL HEALTHCARE ESTABLISHMENT AND WORKFORCE SURVEY (NHEWS) 2010 PRIMARY CARE				
instruction: i) Where check boxes $\blacksquare$ are provided, check ( $\lor$ ) one or more boxes. Where radio buttons $\bigcirc$ are provided, check ( $\lor$ ) one box only.				
SECTION 2 : FACILITI	ES / KEMUDAHAN	(2010)		
Note: Please tick the facilities	that are available at your	establishment. / Sila tandakan kemudahan yang sedia ada di pertubuhan anda.		
1. Does your establishment have Adakah pertubuhan	A triage system for as Sistem triaj untuk sar			
anda memiliki	Pharmacy space Ruang farmasi	Number of functional ambulances available Bilangan ambulans yang berfungsi		
	Laboratory space Ruang makmal	Autoclaving facilities for sterilisation of medical equipment  Kemudahan autoklaf bagi pensterilan peralatan perubatan		
	Diagnostic/Imaging ro	oom None		
<b>SECTION 3: HEALTH</b>	CARE ACTIVITIES &	SERVICES / AKTIVITI & PERKHIDMATAN KESIHATAN (2010)		
1. Operating hours Waktu beroperasi	a. Public clinics Klinik kerajaan	Office hours / Waktu pejabat Extended hours / Lebih masa  After hours on call services / Perkhidmatan atas panggilan 10am – 10pm daily / 10 pagi - 10 malam setiap hari		
	b. Private clinics Klinik swasta	Less than 24 hours / Kurang daripada 24 jam		
2. Does your establishmen services Adakah pertubuhan anda perkhidmatan	t have these	Management of acute illnesses / Rawatan penyakit akut  Management of chronic diseases / Rawatan penyakit kronik  Antenatal & postnatal care / Penjagaan antenatal & postnatal  Low risk deliveries / Kelahiran berisiko rendah → Total number / Jumlah  Family planning / Perancangan keluarga  Pap smear (cervical screening) / Pap smear  Clinical breast examinations / Pemeriksaan klinikal payudara  Medical check-ups / examinations / Pemeriksaan kesihatan  Occupational health / Kesihatan cara kerja  Smoking cessation programmes / Program berhenti merokok  Minor surgeries / Pembedahan minor  Laboratory services / Perkhidmatan makmal		
3. Total number of attendar  * (With or without doctors' con	nsultation)			
Jumlah kehadiran pesakit rundingan doktor)	(uengan alau lanpa			
3.1 Face to face consu Perundingan secai				
3.2 Home visits  Lawatan ke rumah				
3.3 Total number of an Jumlah kehadiran pe				
3.4 Total number of ch Jumlah kehadiran pe	ildren attendances			
SECTION 4: HEALTH	WORKFORCE / TEN	AGA KERJA BAGI PERKHIDMATAN KESIHATAN (2010)		
Total number of medical     Jumlah pegawai perubatan	n			
2. Total number of nursing Jumlah anggota kejururawa				
2.1. Staff nurses Jururawat				
2.2. Community nurs Jururawat masya				
2.3. Nursing aides Pembantu klinik				
3. Total number of pharma Jumlah pegawai farmasi	cists			
4. Total number of assistar Jumlah penolong pegawai				

# NATIONAL HEALTHCARE ESTABLISHMENT AND WORKFORCE SURVEY (NHEWS) 2010

**PRIMARY CARE** 

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Instruction: i	nstruction: i) Where check boxes ■ are provided, check (√) one or more boxes. Where radio buttons ◎ are provided, check (√) one box only.							
SECTION 5	: DOCTORS' DETAILS AS RI	EPORTED ON 31/12/2010 / MAKLUMAT T	ENAGA KERJ	A PERUBATAN F	PADA 31/12/201	10		
Ва	gi Institusi dengan bilangan kakitangan	number of staff, kindly email the staff listing in an Exc or yang besar, sila hantar senarai kakitangan dalam exc public clinics, please provide details of permanent / re Bagi Klinik kerajaan, sila senaraikan maklumat dokt	cel dengan mengik	kuti format yang disedia	. •	•		
<b>Title</b> Gelaran	* Name of doctor(s) (Name as per MyKad) (Medical officers, specialists and	Identification (Please fill in one or more of the information below)  Pengenalan	<b>Type</b> Jenis	Qualification Kelayakan	Post-graduate qualification  Kelayakan	Duration spent in primary care Tempoh bertugan		

Title Gelaran	* Name of doctor(s) (Name as per MyKad) (Medical officers, specialists and consultants only)  Nama pengamal perubatan (Nama seperti yang tercetak pada MyKad) (Pegawai perubatan, pakar perubatan dan pakar perunding sahaja)	Identification (Please fill in one or more of the information below)  Pengenalan (Sila isi satu atau lebih daripada yang berikut)	Type Jenis	<b>Qualification</b> Kelayakan	Post-graduate qualification Kelayakan pascaijazah	Duration spent in primary care Tempoh bertugas dalam bidang kesihatan primer
		* MMC Number / Nombor MMC  MyKad  Other ID document No / Nombor pengenalan yang lain  Specify document type (if others) / Sila nyatakan jenis dokumen  Passport / Pasport Others / Lain- lain  Armed Force ID / Nombor Tentera atau Polis	Permanent / resident Tetap Visiting Pelawat	<ul> <li>Specialist Pakar</li> <li>Medical officer Pegawai perubatan</li> </ul>	Masters in Family Medicine UM / UKM / USM FRACGP holder Masters in Public Health Others, specify:	Years Tahun  Months Bulan
		* MMC Number / Nombor MMC	Permanent /	Specialist →	Masters in	ADD
		MyKad  Other ID document No / Nombor pengenalan yang lain  Specify document type (if others) / Sila nyatakan jenis dokumen	resident Tetap  Visiting Pelawat	Pakar  Medical officer  Pegawai  perubatan	Family Medicine UM / UKM / USM  FRACGP holder  Masters in Public Health  Others, specify:	Years Tahun  Months Bulan
		Passport / Pasport Others / Lain- lain Armed Force ID / Nombor Tentera atau Polis				ADD
		* MMC Number / Nombor MMC  MyKad  Other ID document No / Nombor pengenalan yang lain  Specify document type (if others) / Sila nyatakan jenis dokumen	Permanent / resident Tetap Visiting Pelawat	<ul><li>Specialist → Pakar</li><li>Medical officer Pegawai perubatan</li></ul>	Masters in Family Medicine UM / UKM / USM  FRACGP holder  Masters in Public Health  Others, specify:	Years Tahun  Months Bulan
		Passport / Pasport ① Others / Lain- lain  Armed Force ID / Nombor Tentera atau Polis				ADD

Instruction: i) Where check boxes  $\blacksquare$  are provided, check  $(\lor)$  one or more boxes. Where radio buttons  $\bigcirc$  are provided, check  $(\lor)$  one box only.

SECTION 6: MEDICAL DEVICES / PERALATAN PERUBATAN (2010)				
Medical devices	Number of equipment available in 2010 Kuantiti peralatan pada 2010			
Peralatan perubatan	Functioning Berfungsi	Non functioning Tidak berfungsi		
1. Peak flow meter				
2. Nebuliser				
3. Glucometer				
4. Doppler Fetal Monitor				
5. Nursing bag & set				
6. Electrocardiogram machine (ECG)				
7. Resuscitation (emergency) trolley equipped with resuscitating equipment and drugs				
8. Defibrillator				
9. Full blood count machine				
10. Bilirubinometer (Total bilirubin)				
11. Chemistry analyser				
12. HbA1C analyser				
13. Utrasound machine				
14. General radiology unit (X-ray machine)				

# DATA DICTIONARY PRIMARY CARE

# SECTION 4: HEALTH WORKFORCE (2010)

NO	DATA ELEMENT	DEFINITION
1	Medical doctors	Any medical practitioner registered with the Malaysian Medical Council
2	Staff nurses	Any registered nurse with a degree or diploma in nursing
3	Community nurses	Any registered nurse with a certificate in nursing
4	Nursing aides	Clinic assistants with little or no formal training
5	Assistant medical officers	An assistant medical officer registered with the Medical Assistant Board

## SECTION 5: DOCTORS' DETAILS AS REPORTED ON 31/12/2010

NO	DATA ELEMENT	DEFINITION
1	Resident	An in-house medical practitioner who is available to diagnose and treat patients at your centre; and is a permanent staff in your establishment.
2	Visiting	A medical practitioner who is available to diagnose and treat patients at your centre but he/she is not a permanent staff at that centre. The medical practitioner may make regular visits (eg monthly/ biweekly/ weekly etc) to see patients or is accessible on an ad-hoc or emergency basis only.
3	Specialist	A registered medical practitioner with a post-graduate qualification recognized by both the Ministry of Health and the Public Service Department of Malaysia.

## **SECTION 6: MEDICAL DEVICES 2010**

NO	DATA ELEMENT	DEFINITION
1	Peak flow meter	A device used to measure air flow out of the lungs called the peak expiratory flow rate (PEFR), as a person forcefully blows into the device
2	Nebuliser	A device used to reduce a liquid medication to extremely fine cloudlike particles; useful in delivering medication to deeper parts of the respiratory tract
3	Glucometer	A battery-operated point-of-care device for determining the approximate blood glucose concentration
4	Electrocardiogram machine (ECG)	An electrical device intended for studying the activity of the heart based on changes in the voltage between pairs of electrodes placed at certain points on the skin
5	Resuscitation (emergency) trolley equipped with resuscitating equipment and drugs	A portable trolley containing the necessary equipment and drugs required in cardiopulmonary resuscitation and emergency care of patients
6	Defibrillator	A medical electrical device intended to defibrillate the heart by electrical pulses via electrodes when the heart's own conduction slows dangerously or stops. It may or may not have transcutaneous pacing capabilities of electrically stimulating the heart externally.
7	Full blood count machine	A machine that analyses the number and types of cells in the blood to generate the commonly used test known as the full blood count (FBC)/complete blood count (CBC)
8	Bilirubinometer (Total bilirubin)	A device to measure the amount of bilirubin in the blood. The bilirubinometer is designed primarily to determine serum bilirubin levels in infants
9	Chemistry analyser	Laboratory analyzers that determine analyte concentrations in samples of plasma, serum, or less frequently in whole blood; they include analyzers used for blood gas and pH determinations.
10	HbA1C analyser	Medical equipment used to measure levels of HbA1c found in red blood cells (RBCs)
11	Doppler Fetal Monitor	Hand-held ultrasound transducer used to detect the heart beat of a foetus.
12	Nursing bag & set	A bag containing necessary articles usually carried by nurses during home visits to allow them to carry out nursing procedures with ease
13	Ultrasound machine	Imaging equipment, which uses high-frequency sound waves to create images of internal structures.
14	General radiology unit (X-ray machine)	A device used to acquire an x-ray image to visualise structures within the body

# PRIMARY CARE

# **DATA DICTIONARY**

## **SECTION 1: ESTABLISHMENT DETAILS**

NO	DATA ELEMENT	DEFINITION
1	Name of establishment	Name of establishment as per approved or licensed by the Ministry of Health Malaysia (Medical Practice Division-CKAPS)
2	Owner of the establishment	Name of individual/ organisation/ society that the establishment belongs to.
3	Address	Location where the establishment operates as per approved or licensed by the Ministry of Health Malaysia (Medical Practice Division- CKAPS)
4	Sole proprietor	A business entity owned by one person. The owner may operate on his or her own or may employ others. The owner of the business has total and unlimited personal liability of the debts incurred by the business.
5	Corporate body	A body incorporated under the Companies Act 1965 [Act 125].
6	Partnership	A business entity in which two or more people operate for the common goal of making profit. Each partner has total and unlimited personal liability of the debts incurred by the partnership
7	Society	An association, club or body that is registered under the Societies Act 1966 with a membership consisting of seven (7) or more members in addition to having specific purposes
8	Year commenced operations	The year during which the establishment began operating.
9	Individual Practice	Clinic practice run by one permanent doctor
10	Group Practice	Clinic practice run by more than one permanent doctor
11	General Practice Clinic	A clinic providing primary care services to the community. This service can be provided by a medical officer and/or a specialist in the field of family medicine
12	Specialist Clinic	A clinic with at least one resident specialist in a field besides family medicine that is accepted by the National Specialist Register of Malaysia.
13	Types of Klinik Kesihatan	Type 1:> 800 patient attendances per day Type 2:500 - 800 patient attendances per day Type 3:300 - 500 patient attendances per day Type 4:150 - 300 patient attendances per day Type 5:< 150 patient attendances per day Type 6:< 50 patient attendances per day
14	Person coordinating this survey	Name of staff designated to liaise with the NHEWS Secretariat members on matters pertaining to NHEWS.

# SECTION 2: FACILITIES (2010)

NO	DATA ELEMENT	DEFINITION
1	A triage system for assessing patients	A system that is dedicated to sorting patients into groups based on their need for or likely benefit from immediate medical treatment. It is the first clinic workstation encountered by patients upon arrival for medical review
2	Laboratory space  The work area within the clinic where laboratory support services are carried out. It usually consists of a "clean area" (for clerical, post analytical and validation work) and a dirty area (for pre analytical, analytical and sample buffering area).	
3	3 Diagnostic/Imaging room Designated room for x-ray device(s)	
4	Ambulance services managed by your establishment	Emergency transport services that are run by staff that belong to the same management as the clinic.
5	Autoclaving facilities for sterilisation of medical equipment	Availability of the autoclave apparatus for the purpose of sterilisation of equipment used on patients. The apparatus may be in house or located away from the clinic premises

# SECTION 3: HEALTHCARE ACTIVITIES & SERVICES (2010)

NO	DATA ELEMENT	DEFINITION
1	Office hours	From 8am to 5pm on weekdays and non-public holidays
2	Extended hours	The clinic is open and is providing services after office hours
3	After hours on call services	The clinic is closed however staff are on standby to provide medical services if required after office hours
4	Management of acute illnesses	Management of any illness characterized by signs and symptoms of rapid onset and short duration.
5	Management of chronic diseases	Management of any condition that has a protracted (usually ≥ 6 months) clinical course
6	Antenatal & postnatal care	Services rendered to patients during pregnancy and up to 42 days postpartum
7	Low risk deliveries	Delivery in a pregnancy that is anticipated to be problem free from antenatal to early intrapartum period. The assessment tool used to determine the status of the mother is the colour coding system. This tool indicates the status of the mother during that point of contact. When a mother has been continuously coded white throughout her pregnancy she is categorised as low risk and her labour can be conducted by a trained community health nurse (Jururawat Masyarakat)
8	Family planning	The conduct of educational and comprehensive medical activities which enable individuals to determine freely the number and spacing of their children and to select the means by which this may be achieved
9	Pap smear (cervical screening)	A simple smear method of examining stained exfoliative cells most commonly to detect cancers of the cervix
10	Clinical breast examinations	A physical examination of the breast performed by a health care provider to check for lumps or other changes.
11	Medical check-ups / examinations	A thorough physical examination that may include a variety of tests depending on the age, sex and health of the person
12	Occupational health	Health services concerned with the physical, mental and social well-being of an individual in relation to his/her working environment and with the adjustment of individuals to their work.
13	Smoking cessation programmes	Specifically designed programmes offered to patients to aid in their efforts to stop smoking tobacco products
14	Minor surgeries	Surgical procedures that can be conducted in a clinic setting without operating theatre facilities.
15	Attendance	An encounter between a patient and a healthcare professional in a clinic and includes all of the services provided during the encounter
16	Face to face consults	Encounter between a patient and a medical officer/ specialist that occurs in the clinic
17	Home visits	Encounter between a patient and a healthcare professional that occurs where the patient lives
18	Children attendances	Patient visits by persons below the age of 12 years

**SECTION- 4,5,6**