

Human Resources for Health Country Profiles

MALAYSIA







Human Resources for Health Country Profiles

Malaysia



WHO Library Cataloguing-in-Publication Data

Human resources for health country profiles: Malaysia

1. Delivery of healthcare - manpower. 2. Health manpower. 3. Health resources - utilization. I. World Health Organization Regional Office for the Western Pacific.

ISBN 978 92 9061 637 5 (NLM Classification: **W 76**)

© World Health Organization 2014

All rights reserved.

Publications of the World Health Organization are available on the WHO web site (www.who.int) or can be purchased from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int).

Requests for permission to reproduce or translate WHO publications -whether for sale or for non-commercial distribution- should be addressed to WHO Press through the WHO web site (www.who.int/about/licensing/copyright_form/en/index.html). For WHO Western Pacific Regional Publications, request for permission to reproduce should be addressed to Publications Office, World Health Organization, Regional Office for the Western Pacific, P.O. Box 2932, 1000, Manila, Philippines, fax: +632 521 1036, e-mail: publications@wpro.who.int.

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

Table of contents

Acknow	ledgements	v
Executiv	ve summary	vi
1. Inti	roduction	1
1.1	Demography	1
1.2	Economic situation	1
1.3	Summary of health indicators	1
1.4	Health system	1
2. Healt	h workforce supply and trends	2
	Human resources for health (HRH) supply	2
2.2	Recent trends	6
3. Healt	h workforce distribution	7
3.1	Gender distribution	7
	Age distribution	8
	Geographic distribution	9
	Sectoral distribution	11
	Distribution by citizenship	13
3.6	Skill mix	13
4. Healt	h professions education	14
	Governance of health professions education	14
	Educational capacities	15
	Training processes and quality assurance mechanisms	15
	In-service training and continuing professional education (CPE)	20
	Licensing and re-licensing procedures	20
4.6	Issues and challenges	21
	utilization	23
	Recruitment for the public sector	23
5.2	Deployment and distribution policies, mechanisms and career pathways	24
	Staff turnover	24
	Motivation	25
5.5	Attrition	26
6. HRH	financing	26
7. Gover	rnance of HRH	29
7.1	HRH policies and plans	29
	Development of policies, strategies and plans: process and stakeholders	29
	HRH information system	30
	Recent developments that affect HRH	30
	Management responsibility for HRH	31
	HRH management functions and decentralization	32
7.7	Health workforce requirements and projections	34
8. Concluding remarks		35
Referen	ices	36
Annexes	S .	
	nex A. Skill mix: ratio of specialist professionals to other health professionals	38
Anr	nex B. Regional distribution of selected health professionals by total number	
	and per 100 000 population	39

		Training programmes by public and private higher education providers, 2011 Extracts from programme standards for Malaysian undergraduate medical education	41
		programmes	42
			43
			44
		, 5	46
	Annex H.	Interviews	47
List	of tables		
	Table 1.	Selected health indicators	1
	Table 2.	HRH supply and trends for professions requiring compulsory licenses to practise	3
	Table 3.	Current supply and trend of selected health personnel	3
	Table 4.	Current supply of other health personnel	4
	Table 5.	Gender distribution of selected categories/cadres of health personnel	7
	Table 6.	Regional distribution of doctors, nurses and assistant medical officers, 2003 and 2010	10
	Table 7.	·	10
	Table 8.	J , , , , , , , , , , , , , , , , , , ,	10
	Table 9.	Regional distribution of medical laboratory technologists, radiographers and	10
	T 11 10		10
		Regional distribution of specialist medical practitioners in 2010	11
		Ratio of public sector HRH to private sector HRH	11
		Total number of health workers by category and number of expatriates in each category	13
	Table 13.	Ratios of medical and dental practitioners and pharmacists to nursing and laboratory	13
	Table 14	personnel, 2011 Training institutions for HRH, 2011	
			14 15
		Basic education programmes for HRH Sample minimum criteria for an education programme	17
	Table 10.	Comparable minimum criteria for basic education programmes for selected HRH categories	
			19
			19
			19
		Nurses and assistant medical officers credentialed during 2007–2012	21
			24
		Motivation levels among HRH staff of the Ministry of Health during 2009	25
		Attrition rate among Ministry of Health staff, 2011	25
		Percentage of specialist medical and dental practitioners resigned and retired from	
			26
	Table 26.	Emoluments for public sector medical, dental, pharmacy and other health	
		professionals (OHP), in Malaysian Ringgit	27
	Table 27.	Emoluments for public sector nurses and assistant medical officers (AMO),	
			28
	Table 28.		28
	Table 29.	Human resource capacity in HRH management in the Ministry of Health	32
	Table 30.	Key legislation regarding HRH	33
List	of figures		
	_	Comparative doctor density	5
		Comparative nursing personnel density	5
	Figure 3.	Comparative supply of dental practitioners	5
	Figure 4.	Comparative supply of pharmacists	6
	Figure 5.	Trends in medical practitioner and nurse density	6
	Figure 6.	Trends in dental health workers and pharmacist density	7
		Gender distribution among hospital-based specialists, 2010	8
		Gender and age distribution of hospital-based specialists, 2010	8
		Age group and public/private distribution of hospital-based doctors, 2010	9
	Figure 10.	Distribution of medical practitioners (including trainee doctors i.e. house-officers)	
		by sector, 2000-2011	12
		Distribution of nurses, pharmacists and dental practitioners by sector, 2005–2011	12
	Figure 12.	Trainee doctors and fully registered medical graduates entering the workforce,	2.5
	Figure 12	2000–2011	22
	rigure 13.	Comparison of number of doctors recorded by the Malaysian Medical Council (MMC)	2.2
		and the Health Informatics Centre (HIC), Ministry of Health	33

Acknowledgements

The Malaysia Human Resources for Health Country Profile was developed by Dr Indra Pathmanathan, freelance consultant in Health Systems and Policy Research, with experience in the Ministry of Health, Malaysia, and the World Bank. She was supported by the Director General of Health, Malaysia; Dr Maimunah A. Hamid, Deputy Director-General (Research and Technical Support), Ministry of Health, Malaysia; Dr Nooraini Baba, Director of Planning Division, Ministry of Health, Malaysia; Dr Graham Harrison, WHO Representative in Malaysia, Brunei Darussalam and Singapore; Dr Nordin Saleh, Deputy Director, Health Policy and Planning Unit, Planning Division, Ministry of Health, Malaysia; and Dr Roslinah Ali, Director of the Institute of Health Management, Malaysia.

The Health Policy and Planning Unit in the Planning Division of the Ministry of Health and the Institute for

Health Management provided invaluable assistance by collecting information from all relevant units/divisions in the Ministry of Health, verifying the data, assisting in literature review, organizing the consultant's visits and formatting the manuscript. Those involved include: Dr Girija K Raman, Dr Nur Filzatun Omar Khan, Cik Norhaidah Asma Mohd Hasim, Cik Noraziela Ramli, Dr Nooriah Bidin, Dr Siti Aishah Abdullah among many others.

The Human Resources for Health country profiles in the Western Pacific Region are prepared under the logistical and editorial support of the Human Resources for Health Unit of the WHO Regional Office for the Western Pacific and coordinated by a team composed of Gulin Gedik, Jose Aguín and Dyann Severo.

Executive summary

Human resources for health (HRH) supply and trends

Malaysia aspires to achieve "developed" country status by 2020. In this context, the current supply of human resources for health (HRH) is low. For example, the number of nurses increased rapidly throughout the last decade and the numbers of doctors, dental practitioners and pharmacists kept pace with population growth during the first half of the decade and increased rapidly during the second half. However, the ratios of the two key categories, doctors and nurses, to population are still lower than in OECD countries.

Malaysia does not rely on expatriate HRH except as a short-term measure to fill specific skill gaps. The shift in the epidemiological picture towards noncommunicable diseases and increasing longevity has led to a growing emphasis on higher-level skills in the HRH workforce. For example, there is a recent focus on multi-skilled team approaches that require an increased focus on the health professional workforce.

HRH distribution

Several features of the HRH distribution have policy and planning implications. First, key categories in the HRH workforce are becoming increasingly feminized. In many OECD countries, higher proportions of females in the health workforce have led to demands for part-time employment and job-sharing. The trend in Malaysia has implications for planning for the future development of HRH. Second, until recently, the

limited. However, cross-sectional data on the age distribution of doctors in hospitals suggest that doctors spend the early years of their careers in the public sector and then move to the private sector after age 40. This raises the concern that it is the experienced senior doctors who move to the private sector, resulting in a heavy load of clinical work, as well as teaching and mentoring of junior doctors, for those senior doctors who remain in the public sector.

Health professional education

Strong systems are in place to govern the basic professional education of health personnel including:

- clearly articulated policies and strategies;
- systematically designed training processes and quality mechanisms;
- good linkages and partnerships between relevant stakeholders; and
- systematic in-service and continuous professional education (CPE).

However, the recent rapid increase in the number of training institutions and education programmes for HRH, and the resultant rapid increase in the number of graduates has overburdened:

- training capacity, especially for practical clinical training;
- the capacity of the system to monitor and ensure compliance with agreed quality standards; and
- the capacity of the health services to absorb the new graduates, who need a period of guided apprenticeship.

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_27721

