

University	Degree	2009	2010	2011	2012	2013	2014	2015				
International University	Diploma degree in Medicine	0	0	180	180	178	60	728	256			
	Diploma degree in Pharmacy	0	0	110	110	82	65	300	254			
	Diploma degree in Dentistry	0	0	90	90	17	4	118	32			
	Bachelor degree in nursing	0	0	80	80	53	30	40	20			
	Bachelor degree in midwifery	0	0	40	40	98	98	21	21			
	Bachelor degree in laboratory	0	0			67	21	94	27			
	Associated degree in nursing	0	0	200	200	236	138	453	251			
	Bachelor degree in nursing-midwifery	0	0			40	40	65	65			
	Associated degree in midwifery	0	0	150	150	35	35	99	99			
	Associated degree in laboratory	0	0	150	150	0	0	136	41			
Polino Institute	Associated degree in kinesthesia	0	0	0	0	0	0	0	0			
	Associated degree in radiology	0	0	0	0	0	0	0	0			
	Associated degree in dental nursing	0	0	80	80	0	0	71	16			
	Associated degree in nursing	0	0	150	150			357	191			
	Associated degree in dental nursing	0	0	80	80			30	2			
	Associated degree in midwifery	0	0	100	100			68	68			
	Associated degree in laboratory	0	0	100	100			31	11			
	Associated degree in radiology	0	0	0	0	0	0	0	0			
	Putisastra University	Diploma degree in Medicine	0	0	58	14	58	14	0	0	287	115
		Diploma degree in Pharmacy	0	0	69	55	69	55	0	0	280	227
Diploma degree in Dentistry		0	0	0	0	0	0	0	0	162	46	
Bachelor degree in nursing		0	0	0	0	0	0	31	0	149	78	
Bachelor degree in midwifery		0	0	182	99	182	99	113	57	166	95	
Associated degree in nursing		0	0	113	113	113	118	118	178	178		
Associated degree in midwifery		0	0	127	53	127	53	76	36	159	64	
Associated degree in laboratory		0	0	27	1	27	1	0	0	26	1	
Norton University		Diploma degree in Medicine	0	0	80	80	0	0	31	9		
		Diploma degree in Pharmacy	0	0	50	50	0	0	42	33		
	Diploma degree in Dentistry	0	0	50	50	0	0	5	2			
	Bachelor degree in nursing	0	0	50	50	0	0	31	9			
	Bachelor degree in midwifery	0	0	0	0	0	0	0	0			
	Associated degree in nursing	0	0	100	100	30	9	68	54			
	Associated degree in midwifery	0	0	100	100	26	26	34	34			
	Associated degree in laboratory	0	0	100	100	24	10	57	20			
	Phnom Penh Chenla University	Bachelor degree in nursing	0	0	40	40	34	17	122	56		
		Bachelor degree in midwifery	0	0	40	40	0	0	64	64		
Associated degree in nursing		0	0	200	200	265	114	869	408			
Associated degree in midwifery		0	0	150	150	250	250	638	638			
Associated degree in laboratory		0	0	100	100	109	30	328	154			
Battambang Chenla University		Associated degree in nursing	0	0	100	100	60	12	390	121		
		Associated degree in midwifery	0	0	100	100	63	563	350	350		
		Bachelor degree in nursing	0	0	40	40	29	12	24	11		
		Lifo University	Bachelor degree in midwifery	0	0	40	40	75	75	23	23	
			Associated degree in nursing	0	0	100	100	0	0	51	29	
	Associated degree in midwifery		0	0	50	50	0	0	41	41		
	Phnom Penh University for Nursing and Paramedical		Associated degree in nursing	0	0	200	200	43	23	129	76	
			Associated degree in midwifery	0	0	150	150	31	31	76	76	
			Associated degree in laboratory	0	0	100	100	19	4	50	17	
			Asia Science Institute	Associated degree in nursing	0	0	200	200	230	74	530	128
Associated degree in midwifery				0	0	150	150	165	165	439	439	
Associated degree in laboratory				0	0	100	100	81	21	150	30	
Kampong Cham University				Bachelor degree in nursing	0	0	40	40	0	0	16	9
		Bachelor degree in midwifery		0	0	40	40	0	0	12	12	
		Associated degree in nursing		0	0	150	150	0	0	419	133	
		Associated degree in midwifery		0	0	100	100	0	0	208	208	
	Associated degree in laboratory	0		0	50	50	0	0	54	20		
	Associated degree in dental nurse	0		0	80	80	0	0	150	37		
	Meanchey University	Associated degree in nursing		0	0	100	100	0	0	332	57	
		Associated degree in midwifery	0	0	100	100	0	0	81	81		

## HEALTH FINANCING

National Budget recurrent spending (in million riels)				
	2012	2013	2014	2015
Health Sector	759,206.60	842,230.50	825,199.9	932,631.9
Central Health Units	563,578.60	609,177.10	550,138.1	622,460.2
Provincial Health Department	195,628.00	233,053.40	275,061.8	310,171.7

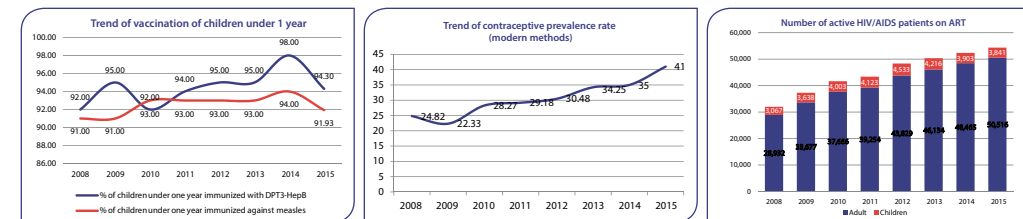
Coverage of Health Equity Funds							
Health Facility	2009	2010	2011	2012	2013	2014	2015
<b>1 National Hospital</b>							
Health Equity Fund				1	1	1	1
SUBO			6	6	6	6	6
<b>2 Referral Hospital</b>							
Health Equity Fund	44	45	46	47	51	63	81
SUBO			11	11	11	11	11
<b>3 Health Center</b>							
Health Equity Fund	141	235	274	313	458	659	1046
SUBO			57	57	57	57	57
Hospitals and Health Center	185	280	394	435	674	797	1202

## KEY PERFORMANCE INDICATORS

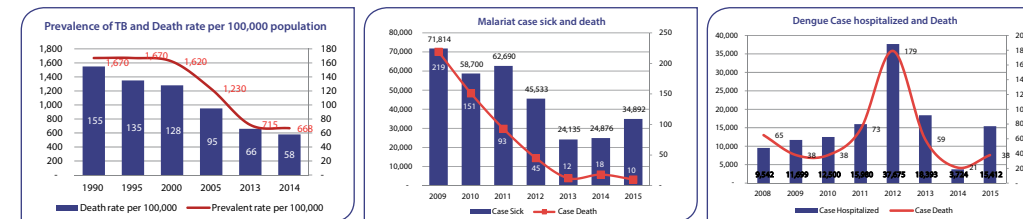
### Mother and Child Health



### COMBATING HIV/AIDS, MALARIA & OTHER DISEASES



### Prevalence and death rates of TB



# KINGDOM OF CAMBODIA NATION RELIGION KING



Ministry of Health



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# HEALTH SECTOR PROGRESS IN 2015

Department of Planning & Health Information February 2016

## HEALTH STRATEGY 2016 – 2020



### HEALTH DEVELOPMENT GOALS

- Goal 1 Reduce maternal, new born and child mortality and malnutrition among women and children.
- Goal 2 Reduce morbidity and mortality caused by communicable diseases
- Goal 3 Reduce morbidity and mortality caused by non-communicable other public health problems.
- Goal 4 Make the health system responsive and accountable to health need.





## STRATEGIC OBJECTIVES

### 1. HEALTH SERVICE DELIVERY

**Strategic objective 1.** The population will have access to comprehensive, safe and effective quality health services at public and private health facilities.

Strategies 1-5

- Increase coverage of and accessibility to quality health services and information for the population, especially the hard-to-reach and vulnerable population
- Strengthen referral system to enable client access to comprehensive package of health and health-related services based on need.
- Provide quality healthcare services in compliance with national protocols, clinical practice guidelines and quality standards.
- Encourage behavior change of providers in interaction with consumers of health services and health care seeking of the population.
- Strengthen and implement innovative approaches for effective and efficient health service delivery

### 2. HEALTH SYSTEM FINANCING

**Strategic objective 2.** Stable and sustained financing of healthcare services with increased financial risk protection when accessing healthcare services.

Strategies 6-10

- Increase national budget for health
- Target available resources according to population health needs
- Increase efficiencies in the use of available financial resources with improved transparency and accountability at all levels of the health system
- Increase financial protection in access to and utilization of healthcare services.
- Align development assistance with MOH policy and strategies and strengthen coordination of funding for health by Development Partners

### 3. HEALTH WORKFORCE DEVELOPMENT

**Strategic Objective 3.** The health system will have adequate number of well-trained, competent, motivated, and ethical health personnel with appropriate skill mix.

Strategies 11-15

- Adopt a unified approach to health workforce planning, to ensure health workforce development is responsive to population and service needs.
- Improve the quality of education and training to meet the skill and development needs of the workforce in a changing demographic and epidemiological environment.
- Promote equitable distribution and retention of health personnel, with the appropriate skill mix, to effectively deliver health services.
- Promote supportive environments including workplace to ensure optimal staff productivity, motivation and participation.
- Strengthen health workforce regulation and management to ensure quality of health service delivery.



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### 4. ESSENTIAL SUPPORT SERVICES

**Strategic objective 4.** Public health facilities are adequately supplied with medicines and health commodities, along with effective essential support services.

Strategies 16-20

- Provide public health facilities with sufficient quantity of quality, efficacious, safe and affordable medicines and health commodities.
- Improve management and rational use of medicines and health commodities.
- Enforce regulatory mechanism to safeguard quality of pharmaceutical products, including medicines, health commodities, medical devices and equipment.
- Enhance capacity of medical laboratory, with associated improvement in test reliability, along with strengthening quality control mechanisms.
- Provide safe, sufficient and sustainable blood and blood products, and strengthen patient blood management and use.

### 5. HEALTH INFRASTRUCTURE DEVELOPMENT

**Strategic objective 5.** Public health facilities will have appropriate basic infrastructure including advanced medical equipment and technology, and information technology.

Strategies 21-25

- Build and upgrade health facilities infrastructure according to updated Health Coverage Plan and Health Infrastructure Building Briefs.
- Equip public health facilities with appropriate basic medical equipment, ambulance and medical technology to improve diagnosis capacity and quality of healthcare service.
- Improve supportive environment for overall improvement in quality and safety for both patients and health providers.
- Expand IT infrastructure.
- Strengthen management of maintenance system for physical infrastructure, medical equipment, means of transportation, and IT hardware and software.

### 6. HEALTH INFORMATION SYSTEM

**Strategic objective 6.** Ensure availability and use of accurate, timely, and high quality health and health related information and promote medical and health system research.

Strategies 26-30

- Develop and use legal instruments and protocols for management of health information.
- Increase reliable sources of health and health-related data with improved data quality.
- Improve institutional capacity in data analysis, interpretation, reporting, dissemination and use.
- Strengthen disease surveillance and response including public health and disease reporting.
- Strengthen performance monitoring and evaluation system and promote health research.

### 7. HEALTH SYSTEM GOVERNANCE

**Strategic objective 7.** Strengthen institutional capacity including leadership, management and regulatory capacity and promote local accountability in health.

Strategies 31-35

- Prepare institutional structures and functions at all levels of the health system to effectively response to changing environment and major national reform programs.
- Develop health policies, legislations and regulations, and build regulatory capacity at all levels of the health system.
- Increase national ownership and accountability to improve health outcomes, and enhance coordination and collaboration among relevant stakeholders
- Use potential public and private partnerships in health service delivery, capacity development and implementation of the national health policies and regulations.
- Encourage active participation of communities and subnational level administrations to strengthen local accountability in health.

## HEALTH INFRASTRUCTURE

Health Infrastructure 2015				
Provinces	Operational District	Referral Hospital	Health Center	Health Post
Banteay Meanchey	4	6	64	9
Battambang	5	4	79	2
Kampong Cham	7	7	86	0
Kampong Chhnang	3	3	40	0
Kampong Speu	4	4	53	0
Kampong Thom	3	3	52	1
Kampot	4	5	59	0
Kandal	10	10	98	0
Koh Kong	2	2	12	2
Kratie	2	3	29	11
Mondul Kiri	1	1	11	16
Phnom Penh	6	7	37	4
Preah Vihear	1	1	24	11
Prey Veng	10	10	103	0
Pursat	4	4	40	2
Ratanakiri	2	2	14	16
Siemreap	4	5	88	3
Sihanoukville	1	1	13	0
Stung Treng	1	1	12	0
Svay Rieng	4	5	43	0
Takeo	6	6	79	4
Oddar Meanchey	1	2	32	0
Kep	1	1	4	0
Pailin	1	1	6	0
Tbong Khmum	5	5	63	0
<b>Total</b>	<b>92</b>	<b>99</b>	<b>1,141</b>	<b>81</b>

## HUMAN RESOURCE IN PUBLIC HEALTH SECTOR

	2010	2011	2012	2013	2014	2015
Medical Doctor <sup>1</sup>	2,139	2,180	2,178	2,021	2,347	2,346
Medical Assistant	1,087	1,052	1,018	962	906	863
Dentist	189	212	214	226	243	250
Pharmacist	464	474	486	529	526	525
Secondary Midwife	1,863	1,994	2,432	2,734	2,963	3,130
Secondary Nurse	5,155	5,366	5,662	5,534	5,700	5,745
Primary Midwife	1,815	1,997	2,164	2,332	2,327	2,282
Primary Nurse	3,359	3,381	3,366	3,387	3,299	3,173
Secondary Laboratory Technician	424	442	454	460	484	506
Others	1,807	1,716	1,747	2,483	2,179	2,134
<b>Total</b>	<b>18,302</b>	<b>18,814</b>	<b>19,721</b>	<b>20,668</b>	<b>20,974</b>	<b>20,954</b>

<sup>1</sup> including doctors, professors, specialists

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## HUMAN RESOURCE DEVELOPMENT

Statistic of Human Resources Training during School Year 2013-2015 At The Ministry of Health's Training Institutions and Private Institutions													
Training Institution	Field of Study	Number of intake						Number of graduate		Number of Current Students			
		Scholarship		Paid		Total		Total	Female	Total	Female		
		Male	Female	Male	Female	Male	Female						
University of Health Sciences	Diploma degree in Medicine			300		300			310		3056		
	Diploma degree in Pharmacy			155		155			148		820		
	Diploma degree in Dentistry			120		120			117		762		
	Bachelor degree in midwifery			65		65			0		147		
	Bachelor degree in nursing			110		110			195		319		
	Bachelor degree in public health			80		80			0		45		
	Associated degree in nursing			300		300			229		721		
	Associated degree in nursing and midwifery			70		70			0		0		
	Associated degree in midwifery			200		200			293		786		
	Associated degree in laboratory			150		150			101		452		
	Associated degree in kinesesthesia			120		120			25		49		
	Associated degree in radiology			120		120			14		42		
Secondary Technical Medical School in Battambang	Associated degree in nursing	200		0		200			128	75	241	146	
	Bachelor degree in nursing and midwifery	50		0		50			30	30	30	30	
	Associated degree in midwifery	200		0		200			113	113	209	209	
	Primary nurse to Associated Degree Nursing	30		0					0	0	18	3	
	Primary midwife to Associated Degree Midwife	34	34	0					0	0	33	33	
	Primary nurse	0	0	0		0			26	10	0	0	
	Primary Midwife	0	0	0		0			28	28	0	0	
	Primary pharmacy	0	0	0		0			25	13	0	0	
	Secondary Technical Medical School in Kompong Cham	Associated degree in nursing	200		0		200			102	55	290	164
		Bachelor degree in nursing and midwifery	60		0		60			32	32	32	32
Associated degree in midwifery		200		0		200			99	99	320	320	
Associated degree in dental nurse				0					60	18	160	57	
Primary nurse to Associated Degree Nursing		30		0					0	0	11	11	
Primary midwife to Associated Degree Midwife		34	34	0					0	0	25	25	
Primary nurse		0	0	0		0	0		24	12	0	0	
Primary Midwife		0	0	0		0	0		38	38	0	0	
Primary pharmacy		0	0	0		0	0		26	23	0	0	
Secondary Technical Medical School in Kompot		Associated degree in nursing	200		0		200			127	74	235	119
	Bachelor degree in nursing and midwifery	50		0		50			27	27	27	27	
	Associated degree in midwifery	200		0		200			130	130	248	248	
	Primary nurse to Associated Degree Nursing	30		0					0	0	20	13	
	Primary midwife to Associated Degree Midwife	34	34	0					0	0	30	30	
	Primary nurse	0	0	0		0	0		27	15	0	0	
	Primary Midwife	0	0	0		0	0		46	46	0	0	
	Primary pharmacy	0	0	0		0	0		26	17	0	0	
	Secondary Technical Medical School in Stung Treng	Associated degree in nursing	200		0		200			91	28	138	44
		Associated degree in midwifery	150		0		150			105	105	122	122
Primary nurse to Associated Degree Nursing		20		0					0	0	13	1	
Primary midwife to Associated Degree Midwife		31	31	0					0	0	12	12	
Primary nurse		0	0	0		0	0		16	3	0	0	
Primary Midwife		0	0	0		0	0		14	14	0	0	
Primary pharmacy		0	0	0		0	0		13	9	0	0	
Military Medical Institute		Diploma degree in Medicine			90		90			89	4	350	104
		Diploma degree in Pharmacy			40		40			0	0	73	63
		Diploma degree in Dentistry			40		40			0	0	19	5
	Associated degree in nursing			300		300			331	132	749	309	
	Associated degree in midwife			170		170			268	268	310	310	
Bachelor degree in laboratory			80		80			64	25	120	27		

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