

A. SELECTED RATIO INDICATORS* FOR EXPENDITURES ON HEALTH	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
I. Expenditure ratios										
Total expenditure on health (THE) as % of GDP	3.1	2.9	3.1	3.2	3.3	3.7	3.7	4.2	3.8	3.5
Financing Agents measurement										
General government expenditure on health (GGHE) as % of THE	48.0	49.4	50.9	51.2	52.4	55.8	55.4	61.6	58.8	54.4
Private sector expenditure on health (PvtHE) as % of THE	52.0	50.6	49.1	48.8	47.6	44.2	44.6	38.4	41.2	45.6
General government expenditure on health as % of GGE	5.8	5.8	6.3	6.2	6.2	6.3	6.5	7.9	7.5	6.8
Social security funds as % of GGHE	0.8	0.5	0.5	0.6	0.6	0.8	0.8	0.7	0.7	0.8
Private households' out-of-pocket payment as % of PvtHE	78.9	76.6	74.8	75.0	75.4	73.5	73.6	73.8	74.1	74.2
Prepaid and risk-pooling plans as % of PvtHE	9.0	10.0	12.3	12.2	11.9	14.1	14.2	13.7	13.2	13.2
Financing Sources measurement										
External resources on health as % of THE	0.6	0.7	0.9	0.8	0.6	0.6	0.6	0.03	0.1	0.02
Resource Costs measurement										
Compensation of government health employees as % of GGHE	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total expenditure on pharmaceuticals as % of THE	n/a	10.5	10.3	10.7	10.5	9.6	9.6	n/a	n/a	n/a
Private expenditure on pharmaceuticals as % of PvtHE	n/a	20.3	19.9	20.6	20.4	19.6	19.3	n/a	n/a	n/a
Provider measurement										
Total expenditure on hospitals as % of THE	n/a	44.5	43.6	43.3	43.2	43.3	43.7	n/a	n/a	n/a
Functions measurement										
Total expenditure on inpatient care as % of THE	25.0	26.3	26.1	25.7	25.7	25.8	25.9	n/a	n/a	n/a
Prevention and public health services as % of THE	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
II. Selected per capita indicators for expenditures on health										
Total expenditure on health / capita at exchange rate	151	134	103	112	130	138	146	177	180	179
Total expenditure on health / capita at international dollar rate	252	245	244	261	294	329	344	409	402	409
General government expenditure on health / cap x-rate	73	66	52	58	68	77	81	109	106	98
General government expenditure on health / cap int. \$ rate	121	121	124	134	154	184	190	252	237	222

* These ratios and per capita levels are automatically derived using the aggregate figures in Section B.

B. VALUES UNDERLYING RATIOS AND LEVELS	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Health System Expenditure & Financing										
I. Financing Agents measurement (Million NCU)										
Total expenditure on health (THE)	7 969	8 097	8 854	9 605	11 331	12 287	13 340	16 430	17 041	17 231
General government expenditure on health (GGHE)	3 828	3 999	4 506	4 920	5 936	6 860	7 392	10 126	10 020	9 371
... of which Ministry of Health	3 448	3 479	3 811	4 204	5 137	5 940	6 324	8 901	9 324	8 658
... Social security funds	31	20	21	29	37	54	59	67	70	72
Private expenditure on health (PvtHE)	4 141	4 098	4 348	4 685	5 395	5 428	5 948	6 304	7 020	7 860
... Private households' out-of-pocket payment	3 266	3 139	3 252	3 514	4 068	3 991	4 377	4 654	5 205	5 829
... Prepaid and risk-pooling plans	373	409	535	572	643	764	843	862	925	1 036
... Non-profit institutions serving households (NGOs)	12	14	22	26	31	36	39	40	42	45
II. Financing Sources measurement (Million NCU)										
Rest of the world funds / External resources	48	54	75	73	73	74	75	4	10	4
III. Resource Costs measurement (Million NCU)										
Total expenditure on human health resources	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
... Compensation of health employees: Public sector	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total expenditure on pharmaceuticals	n/a	852	913	1 029	1 189	1 183	1 283	n/a	n/a	n/a
... Private expenditure on pharmaceuticals	n/a	832	867	964	1 099	1 064	1 147	n/a	n/a	n/a
IV. Provider measurement (Million NCU)										
Total expenditure on hospitals	n/a	3 607	3 862	4 155	4 898	5 316	5 828	n/a	n/a	n/a
V. Functions measurement (Million NCU)										
Inpatient curative care	1 995	2 132	2 312	2 468	2 912	3 171	3 452	n/a	n/a	n/a
Prevention and public health services	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
VI. Macro-economic variables (Million NCU)										
Gross domestic product (GDP)	253 732	281 795	283 243	300 764	343 215	334 404	362 012	395 017	449 609	494 642
General government expenditure (GGE)	65 769	68 790	71 670	79 522	95 312	108 379	113 290	128 023	133 641	138 114
Private final consumption expenditure	116 794	127 783	117 718	125 056	145 355	150 644	159 506	172 366	192 771	215 876
Household expenditure	116 776	127 765	117 698	125 036	145 333	150 622	159 483	172 342	192 747	215 852
Non-profit institutions expenditure	18	18	20	20	22	22	23	24	24	24
Exchange rate (NCU per US\$)	2.52	2.81	3.92	3.80	3.80	3.80	3.80	3.80	3.80	3.79
International dollar rate (NCU per international \$)	1.52	1.54	1.66	1.63	1.68	1.59	1.62	1.64	1.70	1.66
Total population (in thousands)	20 892	21 427	21 961	22 486	22 997	23 492	23 971	24 437	24 894	25 347

Source: to be quoted as World Health Organization - National Health Accounts Series

	Data Sources	Methods
Health System Expenditure & Financing		
I. Financing Agents measurement (Million NCU)		
Total expenditure on health (THE)	Sum of General government and private expenditures	
General government expenditure on health (GGHE)	1997-2002: NHA report 2003-2005 MOF ; www.treasury.gov.my, WHR 2007 consultation	www.treasury.gov.my
... of which Ministry of Health	1997-2002: NHA report 2003-2005: treasury department, table 4.5 and 4.6. WHR 2007	sum of operating and development expenditures
... Social security funds	1997-2002: NHA data , 2003-2005 estimated	
Private expenditure on health (PvtHE)	Sum of Prepaid, NGO's, OOPs and Private firms	
... Private households' out-of-pocket payment	NHA data 1997-2002, 2003-2004 projections	This includes the expenditure for Private MCO which consist of FOMEMA (Foreign Workers' Medical Examination Association) Data for 1997-2002 under this category is 1 105 101 97 93 75
... Prepaid and risk- pooling plans	1997-2002: NHA data 2003-2005 projections	Data for Private MCO only consist of FOMEMA (Foreign Workers' Medical Examination Association), Private MCO and other similar entities description is 'any insurance or health care plan that involves a primary care doctors that oversees or manages a patient's care
... Non-profit institutions serving households (NGOs)	1997-2002: NHA data 2003-2005 projections	
II. Financing Sources measurement (Million NCU)		
Rest of the world funds / External resources	OECD DAC 2006. 2003-2005 are disbursements with 1 year lag. 1993 commitments are spread over 10 years.	
III. Resource Costs measurement (Million NCU)		
Total expenditure on human health resources		
... Compensation of health employees: Public sector		
Total expenditure on pharmaceuticals	MNHA project findings (1997-2002)	Only HC5.1: Retail sales of pharmaceuticals to outpatients
... Private expenditure on pharmaceuticals	MNHA project findings (1997-2002)	Only Retail sales of pharmaceuticals to outpatients financed through private funding
IV. Provider measurement (Million NCU)		
Total expenditure on hospitals	MNHA project findings (1997-2002)	
V. Functions measurement (Million NCU)		
Inpatient curative care	NHA, MNHA project findings (1997-2002)	Inclusive of in-patient curative care and in-patient rehabilitative care
Prevention and public health services		
VI. Macro-economic variables (Million NCU)		
Gross domestic product (GDP)	UN National Accounts (Oct'06); 2005: Estimated based on IMF estimates	SNA68
General government expenditure (GGE)	Economic Report (Ministry of Finance, Malaysia). Received updated data for WHR 2007 consultation	Cons Central Gov + State/Region + Local G (does not include Non financial public enterprises) http://www.treasury.gov.my/index.php?ch=22&pg=165&ac=1678&pl_id=93&lang=eng http://www.epu.jpm.my/New%20Folder/MEIF2006.htm
Private final consumption expenditure	1995-2004: UN National Accounts oct 2006 2005: ADB, 2006 (same series as UN)	2002:estimated based on UNSTAT data series which is very close to that of UN
Household expenditure	1995-2004: UN National Accounts oct 2006 2005: estimated based on GDP	
Non-profit institutions expenditure	UN National Accounts oct 2006	
Exchange rate (NCU per US\$)	IMF IFS April 2006	Official rate period average
International dollar rate (NCU per international \$)	WHO estimates Nov 2006	
Total population (in thousands)	UNPOP, Aug 2006	

"n/a" Used when the information accessed indicates that a cell should have an entry but no estimates could be made.

"0" Used when no evidence of the schemes to which the cell relates exist. Some estimates yielding a ratio below 0.04% are also shown as '0'.

Last updated : August, 2007