

Table DS1 Selected indicators of current mental health resources and service provision (from Saxena *et al*, 2007)

Country	Human resources for mental health ¹			Hospital out-patient services			Community-based hospital in-patient services ²			Mental hospital in-patient services		
	Psychiatrist	Psychologist	Psychiatric nurse	Total facilities, <i>n</i>	Users ¹	Average visits, <i>n</i>	Total facilities, <i>n</i>	Beds ¹	Average stay, days	Total facilities, <i>n</i>	Beds ¹	Average stay, days
Albania	3.2	0.1	7.0	34	748	3.0	2	6.6	31	2	18.9	122
Chile	4.7	12.3	1.7	113	1272	4.5	54	9.0	37	5	9.1	117
China (Hunan)	1.4	0.0	3.2	64	454	2.5	15	1.6	29	36	6.8	42
Ethiopia	0.0	0.4	0.3	53	84	5.2	6	0.1	19	1	0.3	63
Iran, Islamic Republic of	1.2	2.0	7.8	855	948	5.7	46	2.0	20	33	7.9	21
Morocco	1.0	0.2	2.2	74	503	1.7	15	2.5	19	9	3.8	26
Nepal	0.1	0.0	0.3	18	298	5.2	17	1.0	19	1	0.2	19
Nigeria ³	0.2	0.1	2.4	6	328	1.0	5	0.5	21	7	4.0	52
Paraguay	1.3	0.0	1.6	26	263	2.8	2	0.3	6	3	7.8	61
Thailand	0.7	0.3	3.8	122	109	3.9	25	0.4	5	17	13.8	54
Ukraine	8.7	0.7	26.2	804	4735	3.3	37	2.9	21	109	95.9	38
Viet Nam	0.4	0.1	2.1	600	57	12.0	20	0.4	19	30	6.2	35

1. Per 100 000 population.

2. Psychiatric units located in district general hospital settings.

3. WHO-AIMS data presented here relate only to 6 (out of the 36) provinces/states of Nigeria.

Table DS2 Predicted ambulatory care workload at target levels of human resource deployment

Country	FTE ¹	Total FTE ¹ (2015)	Out-patient primary care visits ²	Psychosocial sessions	Total visits	Visits per year per FTE worker	Visits per working day ³
Albania	14.0	439	521 216	197 251	718 468	1637	6.5
Chile	14.0	2281	2 996 957	1 139 589	4 136 546	1813	7.3
China (Hunan)	14.0	8633	11 597 447	4 072 066	15 669 513	1815	7.3
Ethiopia	12.0	9292	13 170 543	4 953 228	18 123 771	1951	7.8
Iran, Islamic Republic of	14.0	9732	10 815 528	3 534 488	14 350 016	1475	5.9
Morocco	14.0	4407	4 796 049	1 575 326	6 371 375	1446	5.8
Nepal	12.0	3256	5 952 082	2 035 765	7 987 847	2453	9.8
Nigeria	12.0	3286	2 489 439	1 177 595	3 667 034	1116	4.5
Paraguay	14.0	862	1 019 158	363 154	1 382 312	1603	6.4
Thailand	14.0	8993	8 792 188	3 567 759	12 359 947	1374	5.5
Ukraine	14.0	6507	14 074 757	6 150 588	20 225 344	3108	12.4
Viet Nam	12.0	10 109	11 985 851	4 109 321	16 095 171	1592	6.4

FTE, full-time equivalent.

1. Full-time equivalent staff per 100 000 population (see Table 1), extrapolated to the total population in each country.

2. Out-patient department and primary healthcare visits estimated to be needed in 2015. For each condition, this is calculated as the population in need multiplied by service coverage multiplied by average rate of use (see Table 1).

3. Total number of working days per year set at 250.

Table DS3 Country-specific unit cost estimates (US \$, 2005) according to WHO-CHOICE database, Adam *et al* (2003) and Johns *et al* (2006)¹

Domain	Albania	Chile	China (Hunan)	Ethiopia	Iran, Islamic Republic of	Morocco	Nepal	Nigeria	Paraguay	Thailand	Ukraine	Viet Nam
Secondary care												
(80% occupancy rate)												
Acute bed day	20.24	38.96	9.68	3.25	22.61	14.01	4.74	8.48	12.45	23.66	15.14	6.46
Long-stay bed	10.12	24.67	4.84	1.62	11.31	7.01	2.37	4.24	6.22	11.83	7.57	3.23
Out-patient visit	10.11	10.94	6.82	1.19	12.31	6.92	2.05	3.52	6.33	9.44	7.56	3.04
Primary care												
(coverage 20–80%)												
2 min visit	0.83	3.06	0.40	0.32	0.69	0.60	0.26	0.54	0.48	0.75	0.62	0.26
10 min visit	1.95	7.17	0.94	0.76	1.61	1.41	0.61	1.26	1.13	1.75	1.46	0.62
30 min visit	3.49	12.82	1.67	1.35	2.88	2.51	1.10	2.26	2.02	3.13	2.61	1.10
40 min visit	4.06	14.93	1.95	1.57	3.35	2.93	1.28	2.63	2.35	3.65	3.04	1.28
Annual salaries												
Level 3 Nurses/occupational therapist/social worker	3239	8783	2305	1910	6394	5953	2510	3893	3391	3077	2595	2550
Level 2 Occupational therapy assistant	2247	6091	1598	1324	4435	4128	1741	2700	2351	2134	1800	1768
Level 4 Psychologists	5454	14788	3881	3215	10766	10023	4226	6554	5709	5180	4369	4293
Level 5 Psychiatrists	8614	23355	6129	5078	17004	15829	6674	10351	9016	8182	6901	6780
Level 4 Registrar/medical officer	5454	14788	3881	3215	10766	10023	4226	6554	5709	5180	4369	4293
Level 3 Education/information	3239	8783	2305	1910	6394	5953	2510	3893	3391	3077	2595	2550
Level 5 Programme director	8614	23355	6129	5078	17004	15829	6674	10351	9016	8182	6901	6780
Level 4 Programme manager	5454	14788	3881	3215	10766	10023	4226	6554	5709	5180	4369	4293
Level 3 Administration officer	3239	8783	2305	1910	6394	5953	2510	3893	3391	3077	2595	2550
Level 2 Secretary/receptionist	2247	6091	1598	1324	4435	4128	1741	2700	2351	2134	1800	1768
Level 2 Data entry clerk	2247	6091	1598	1324	4435	4128	1741	2700	2351	2134	1800	1768
Level 1 Other (porter, messenger)	1753	4753	1247	1033	3461	3222	1358	2107	1835	1665	1404	1380
Per diems												
National level	55	65	19	42	37	23	19	58	31	32	41	17
Provincial level	42	50	15	32	28	17	15	44	24	24	31	13
District Level	28	33	10	21	19	11	10	29	16	16	21	9
Rented buildings, cost per month per m²												
National level	5.84	3.19	3.48	5.90	2.24	1.93	2.74	2.81	1.48	6.03	5.07	2.60
Province level	4.82	2.53	3.16	4.56	1.83	1.80	2.30	3.15	1.22	4.30	4.47	2.49
District level	4.48	2.38	2.64	4.20	1.61	1.52	2.28	2.80	1.30	4.14	4.02	2.18
New buildings,² replacement cost per m²												
National level	1,043	570	621	1,053	401	344	488	502	265	1076	905	464
Province level	861	452	565	814	327	322	411	562	217	767	797	445
District level	800	424	470	750	288	271	406	499	233	740	717	389
Vehicles												
Unit cost per km	0.15	0.07	0.08	0.12	0.03	0.10	0.35	0.03	0.06	0.07	0.29	0.22
Replacement cost (7.5 year life)	32068	22813	22404	35975	9079	25134	30055	32811	16513	25839	44931	28542

1. Country-specific prices in local currency units for the year 2000 have been inflated to 2005 levels and converted to US \$ using the average official exchange rate for 2005. Unit prices are constant for the range of service coverage used here (maximum 80%).

2. 20-year life.