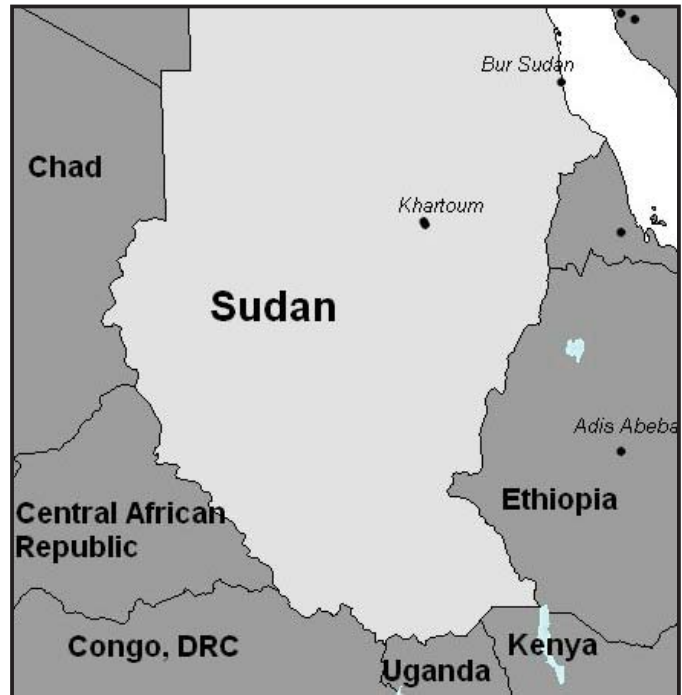




HEALTH SECTOR NEEDS ASSESSMENT

Sudan has the largest population of internally displaced people in the world; between 5.3 to 6.7 million, mainly in the South, around Khartoum, in Darfur and in the East of the country. Its epidemiological profile is marked by a heavy burden of endemic diseases, including a growing threat from HIV/AIDS, and high risk of epidemics and other natural disasters - the latest being the drought looming in Darfur and Kordofan and the looming risk of poor harvest in parts of Bahr al-Ghazal and Upper Nile. Life expectancy at birth is 58 years, and the disability-adjusted life expectancy is around 43 years.



DISEASE SURVEILLANCE AND CONTROL: Communicable diseases are a major concern. The main causes of morbidity and mortality are infectious and parasitic diseases (tuberculosis, diarrhoea, malaria, measles and acute respiratory infections). A yellow fever outbreak in the State of South Kordofan has been reported in November 2005. Southern Sudan hosts an estimated 80% of the total guinea-worm cases world wide. Sleeping sickness and leishmaniasis are endemic and sever epidemics have been reported. The prevalence of HIV/AIDS is low but showing a steadily increasing rate. Progress has been significant in the eradication of poliomyelitis. The virus circulation seems to be curbed. Only 26 cases were reported as of 29 November 2005. The coverage of the Expanded Programme of Immunization has remained low for many years and there are serious imbalances between the different regions.

REPRODUCTIVE HEALTH: Maternal mortality per 100,000 childbirths is an average of 504 in the northern part of the country and 1,700 in the South. Reproductive health in the north faces many constraints, only 12% of deliveries occur in a health facility, and only 57% of all deliveries are attended by trained health personnel. In the transitional areas less than 40% of women receive any antenatal care and fewer than 5% of births take place in a health facility.

NUTRITION: In the North of the country, chronic malnutrition in children under five is estimated at 43% (2000) and moderate acute malnutrition at 16% but this deteriorates further in places of high insecurity, such as in the southern states. Malnutrition is more than 20% in some areas of Bahr el Ghazal and Upper Nile where humanitarian access is difficult. Micronutrient deficiencies including iodine and vitamin A are common.

HEALTH SERVICES AND INFRASTRUCTURE: As IDPs and refugees begin to return to Southern Sudan, there is an urgent need to rebuild the shattered health system. The very high morbidity and mortality rates are reflected in the overall lack of health infrastructure and qualified health personnel in the region. A lack of trained health workers, pharmaceutical supplies, health and information management systems and mechanisms for the coordination of health care are the most pressing priorities.

While the dilapidated health infrastructure has undergone substantial “emergency rehabilitation”, there are still in Sudan less than two doctors for every 10,000 (against a regional average of 11.7) and even fewer nurses and midwives with only 8 per 10,000 (against a regional average of 22.2). Total health expenditure is approximately USD 13 per capita, of which the Government’s portion is USD 3 (2004).

HEALTH SECTOR PRIORITIES

- To expand and consolidate provision of a comprehensive package of basic services and disease control, of acceptable quality, particularly to the conflict affected population aiming at reducing mortality and morbidity
- To strengthen emergency preparedness, response and mitigation
- To build, strengthen and sustain the institutional and human resources capacities of the Federal, State and local health actors including health authorities and health science institutes

WHO Proposed Projects in the UN Work Plan 2006	Funds Requested *	Implementing Partners
Southern Sudan		
Improve control and surveillance of endemic neglected diseases in Southern Sudan (including Kala Azar, trypanosomiasis, schisto-somiasis, soil.transmitted helminths, Guinea worm, lymphatic filariasis, onchocerciasis and Buruli ulcer) SUD-06/H140	759,880	Federal and State MoH
EWARN: Expansion of disease surveillance and outbreak early warning system in the ten states of Southern Sudan and establishment of an integrated disease surveillance and response system and building the capacity of the Federal MoH in these areas SUD-06/H161	1,022,888	Federal MoH, CDC, health NGOs

WHO Proposed Projects in the UN Work Plan 2006	Funds Requested *	Implementing Partners
Southern Sudan		
Control of measles outbreaks in Southern Sudan SUD-06/H167	698,727	UNICEF, MoH, NGOs
Polio eradication in Southern Sudan SUD-06/H163	2,474,654	
Basic curative services for returnees in IOM and NRC managed Way Stations in Southern Sudan SUD-06/H164	821,117	WHO, SOH, FMoH, GoSS, IOM, NRC, NGOs
Implementation of the New Malaria Treatment Protocol through training and provision of technical guidelines and through monitoring antimalarial drug efficacy in Southern Sudan SUD-06/H166	215,222	MSF-B, MSF-CH, MSF-F, GOAL, SP, NCA, NPA, WR, ADRA, Malteser, Merlin, MoH
Building the capacity of human resources for health: establishment of a training programme for health managers for Southern Sudan SUD-06/H143	No costing recovery and development)	State MoH, NGOs
Emergency institution building in the Federal Ministry of Health HQ in Juba and in the four state ministries of health of Western Bahr El Ghazal, Upper Nile, Lakes and Western Equatoria SUD-06/H160		State MoH
Institutional capacity building of the Southern Sudan Federal MoH in communication and information management SUD-06/H162		
HIV/AIDS prevention, treatment and care SUD-06/H165		State MoH, Association of PLWHA, INGO, UN agencies
Darfur		
Polio eradication in Darfur SUD-06/H45	608,074	UNICEF, MoH, NGOs
Scaling up of humanitarian interventions for protection of health among conflict affected population in Darfur SUD-06/H50	15,000,000	MoH, NGOs
Iodized oil supplementation in Darfur SUD-06/H120	270,000	Federal & State MOH, UNICEF, WFP, UNFPA, NGOs
Abyei		
Polio eradication in Abyei SUD-06/H45	63,866	UNICEF, MoH, NGOs
Health assistance to returnees and host communities in South Kordofan State and Abyei SUD-06/H51	200,000	State MoH, NGOs

WHO Proposed Projects in the UN Work Plan 2006	Funds Requested *	Implementing Partners
Abyei		
Strengthening the capacity building of the health sector in South Kordofan State and Abyei SUD-06/H09	No costing (recovery and development)	State MoH, NGOs
Strengthening disease surveillance system and control of infectious diseases in Abyei SUD-06/H11		
Improving local health teams capacities in health system function and performance in Abyei SUD-06/H13		State MoH
Improving local health teams on management skills and leadership in Abyei SUD-06/H14		State MoH, local communities
Blue Nile		
Polio eradication in Blue Nile SUD-06/H45	62,812	UNICEF, MoH, NGOs
Health assistance in Blue Nile SUD-06/H47	875,000	State MoH, Malaria Consortium, UNICEF, IRC
Strengthening disease surveillance system and control of infectious diseases in Blue Nile SUD-06/H11	No costing (recovery and development)	State MoH, NGOs
HIV/AIDS prevention, treatment in Blue Nile SUD-06/H12		Sudanese National AIDS Programme (SNAP)
Improving local health teams capacities in health system function and performance in Blue Nile SUD-06/H13		State MoH
Improving local health teams on management skills and leadership in Blue Nile SUD-06/H14		State MoH, local communities
Southern Kordofan		
Polio eradication in Southern Kordofan SUD-06/H45	161,714	UNICEF, MoH, NGOs
Health assistance to returnees and host communities in Southern Kordofan and Abyei SUD-06/H51	650,000	State MoH, NGOs
Strengthening the capacity building of the health sector in Southern Kordofan and Abyei SUD-06/H09	No costing (recovery and development)	
Strengthening disease surveillance system and control of infectious diseases in Southern Kordofan SUD-06/H11		

WHO Proposed Projects in the UN Work Plan 2006	Funds Requested *	Implementing Partners		
Southern Kordofan				
HIV/AIDS prevention, treatment in Southern Kordofan SUD-06/H12	No costing (recovery and development)	Sudanese National AIDS Programme (SNAP)		
Improving local health teams capacities in health system function and performance in Southern Kordofan SUD-06/H13		State MoH		
Improving local health teams on management skills and leadership in Southern Kordofan SUD-06/H14		State MoH, local communities		
Treatment of severe acute malnutrition of children under five and nutrition surveillance in South Kordofan SUD-06/H171	130,000	Federal & State MOH, UNICEF,WFP, UNFPA, NGOs		
Eastern Sudan				
Polio eradication in Eastern Sudan SUD-06/H45	323,528	UNICEF, MoH, NGOs		
Health assistance to IDPs, refugees and resident communities in Eastern Sudan SUD-06/H59	400,000	No costing (recovery and development)		
Strengthening the capacity building of the health sector in Khartoum State and Eastern Sudan SUD-06/H10	No costing (recovery and development)		State MoH, NGOs	
Strengthening disease surveillance system and control of infectious diseases in Eastern Sudan SUD-06/H11			Sudanese National AIDS Programme (SNAP)	
HIV/AIDS prevention, treatment in Eastern Sudan SUD-06/H12			State MoH	
Improving local health teams capacities in health system function and performance in Eastern Sudan SUD-06/H13			State MoH, local communities	
Improving local health teams on management skills and leadership in Eastern Sudan SUD-06/H14			State MoH	
Communication facilities for the surveillance system for the epidemiology sentinel sites in Kassala State SUD-06/H40			100,000	Federal & State MOH, UNICEF,WFP, UNFPA, NGOs
Treatment of severe acute malnutrition of children under five and nutrition surveillance in East Sudan SUD-06/H173				

WHO Proposed Projects in the UN Work Plan 2006	Funds Requested *	Implementing Partners	
Khartoum and Other Northern States			
Polio eradication in Khartoum and other northern states SUD-06/H45	1,380,006	UNICEF, MoH, NGOs	
Health assistance to IDPs, refugees and resident communities in Khartoum and other northern states SUD-06/H59	830,000	State MoH, NGOs Sudanese National AIDS Programme (SNAP) State MoH State MoH, local communities	
Strengthening the capacity building of the health sector in Khartoum State and Eastern Sudan SUD-06/H10	No costing (recovery and development)		
Strengthening disease surveillance system and control of infectious diseases in Khartoum and other northern states SUD-06/H11			
HIV/AIDS prevention, treatment in Khartoum and other northern states SUD-06/H12			
Improving local health teams capacities in health system function and performance in Khartoum and other northern states SUD-06/H13			
Improving local health teams on management skills and leadership in Khartoum and other northern states SUD-06/H14			
Treatment of severe acute malnutrition of children under five and nutrition surveillance in Khartoum and other northern states SUD-06/H172			230,000

* Amounts given in US dollars.

Total Funds Requested: USD 27,277,488

2005 Donors: European Commission, Italy, Netherlands, Sweden, United Kingdom, United States of America