
STATISTICAL APPENDIX

I.
GOVERNMENT EMPLOYMENT AND WAGES

Various recent years, as percentage of population and of GDP^a

	Employment						Wages	
	Government administration		Social Sectors			Total general civilian government	As percentage of GDP	As multiple of per capita GDP
	Central Government	Non-central government	Education sector	Health sector				
<i>Africa</i>	0.9	0.3	0.6	2.0	2.0	6.7	5.7	
Angola	1.1	0.2	0.4	0.3	1.9	4.7	1.3	
Benin	3.5	1.1	1.1	0.2	5.8	10.9	3.5	
Botswana	0.4					4.4	11.8	
Burkina-Faso	0.1		0.3	0.1		3.9	7.7	
Burundi	0.6	0.2	0.5	0.1	1.4	3.9	3.7	
Cameroon	1.2	0.3	1.3	0.4	3.2			
Cape Verde	0.9	0.2	0.2	0.0	1.3	4.4	5.2	
Central AR	0.2		0.1					
Chad	0.4	0.1	0.6	0.1	1.2			
Comoros	1.3		1.0	0.4				
Congo	0.3	0.1	0.4	0.0	0.8	6.7	7.6	
Cote d'Ivoire	1.5		0.3	0.2	2.0			
Djibouti								

^a Adapted by permission from S. Schiavo-Campo, "Government employment and pay: The global and regional evidence," Public Administration & Development, 18, 457-478 (1998), which was based in turn on a large-scale survey out by the World Bank in 1997. (S. Schiavo-campo, et. al., 1997b).

	Employment						Total general civilian government	As percentage of GDP	As multiple of per capita GDP
	Government administration		Social Sectors		Wages				
	Central Government	Non-central government	Education sector	Health sector					
<i>Africa - cont'd</i>									
Equatorial Guinea									
Eritrea									
Ethiopia									1.7
Gabon	2.6	2.5	0.5						
Gambia	0.3	0.1	0.3	0.2		0.9			
Ghana	0.2	0.1	1.0	0.2		1.5	5.8		4.0
Guinea									
Guinea-Bissau	0.5	0.2	0.5	0.2		1.5	2.5		2.8
Kenya	0.9	0.2	0.9	0.1		2.0	10.3		6.2
Lesotho	1.0		0.5						
Madagascar	0.7								
Malawi	0.5		0.5	0.1		1.2			
Mali	0.3								
Mauritania	0.4		0.4	0.1			5.6		5.9
Mauritius	3.3	0.5	0.9	0.8		5.5	8.1		1.4
Mozambique									
Namibia	4.2		0.1	0.0					
Nigeria	0.4		0.0	0.0					
Niger	0.3		0.2	0.1			7.9		10.3

<i>Africa - cont'd</i>									
Senegal	0.4	0.1	0.3	0.1	0.8	9.1	11.8		
Seychelles									
Somalia									
South Africa	1.4	1.1	0.6	0.2	3.4	8.9	5.6		
Sudan									
Swaziland									
Tanzania	0.5	0.1	0.4	0.1	1.1	4.1	1.8		
Togo	0.4	0.1	0.3	0.1	0.9	9.0	3.9		
Uganda	0.2	0.2	0.5	0.0	0.9	7.9	8.4		
Zaire					1.0				
Zambia	0.8	0.2	0.5	0.2	1.7	4.7	3.2		
Zimbabwe	0.6	0.2	0.9	0.2	1.9	11.4	6.8		
Asia and Pacific	0.9	0.7	0.8	0.2	2.6	4.7	3.0		
Afghanistan									
Bangladesh	0.4		0.2	0.1	0.6	3.7	4.1		
Bhutan				0.1					
Cambodia	1.6			0.2	1.6	3.8	1.3		
China	0.1	1.6	0.9		2.8				
Fiji	5.4	2.8							
India	0.4	0.4	0.3	0.1	1.2	4.2	7.1		
Indonesia	0.7	0.3	1.0	0.1	2.1	3.0	1.6		
Korea	0.6	0.7	0.6	0.2	2.2	2.2	4.6		
Lao PDR	0.1	0.4	0.8	0.2	1.4	5.9	2.0		

	Employment						Total general civilian government	As percentage of GDP	Wages As multiple of per capita GDP
	Government administration		Social Sectors		Health sector	Education sector			
	Central Government	Non-central government	Education sector	Health sector					
<i>Asia - cont'd</i>									
Malaysia	2.3	1.1	1.0	0.2	0.2	4.5	7.7	3.4	
Maldives	3.0		1.2	0.7		4.9			
Micronesia	0.6	5.7				6.3	50.8	4.7	
Mongolia									
Myanmar	1.2					1.2	1.9	1.5	
Nepal									
Pakistan	0.4	0.6	0.3	0.1	0.1	1.5	0.9	1.9	
Papua New Guinea									
Philippines	1.0	0.4	0.7	0.1	0.1	2.1	5.5	2.3	
Singapore	0.9		0.8	0.2	0.2	2.0	4.6	2.1	
Sri Lanka	2.8	0.6	0.9	0.1	0.1	4.5	5.1	1.8	
Solomon Islands							13.4	4.6	
Thailand	1.2	0.9	0.6	0.1	0.1	2.8	5.2	4.2	
Tonga									
Vanuatu									
Vietnam	0.4	1.3	1.1	0.4	0.4	3.2	3.0	1.1	
Central and Eastern Europe and the former Soviet Union	1.1	0.8	3.0	2.1	2.1	6.9	3.9	1.3	

<i>Central and Eastern Europe</i>									
Albania	1.9	0.2	1.6	0.8	4.6	7.2	1.3		
Bosnia									
Bulgaria	0.9	0.3	2.9	2.3	6.4	2.7	1.4		
Croatia	1.6	0.6	1.5	1.5	5.2	3.0	1.4;		
Czech Republic	0.6		1.7	1.2		5.2	1.5		
Hungary	1.4	1.3	2.9	2.4	8.1	3.3	0.6		
Macedonia	0.9	0.1	0.9	1.3	3.2	6.0	1.9		
Poland	0.2	0.4	1.6	2.0	4.2	6.1			
Romania	0.2		1.4	0.7		5.8	0.9		
Slovakia	1.3	0.8	3.2	2.4	7.7	0.7	1.0		
Slovenia	1.4		2.5	2.7					
Turkey	1.0	0.4	0.9	0.2	2.6	2.1	2.0		
<i>Former Soviet Union</i>									
Armenia	0.8	3.7	4.0	2.0	10.5	1.8	0.8		
Azerbaijan	0.8		5.2	2.3		1.8	1.6		
Belarus	0.6	0.4	4.2	2.8	7.9	3.9	0.5		
Estonia	1.9	1	2.9	2.0	7.8	5.6	1.		
Georgia	2.6	1.3	4.5	2.1	10.5	0.8	0.1		
Kazakhstan	1.2	0.9	1.8	3.0	6.8	2.8	0.1		
Kyrgyz Rep	5.8		3.5	2.3		4.9	0.8		
Latvia	1.9		3.6	2.9	8.4	6.3	7.1		
Lithuania	1.0	0.6	3.8	2.8	8.2	3.6	1.2		

	Employment						Total general civilian government	Wages	
	Government administration		Social Sectors		As percentage of GDP	As multiple of per capita GDP			
	Central Government	Non-central government	Education sector	Health sector					
<i>Former Soviet Union -</i>									
<i>cont'd</i>									
Moldova	0.2	0.4	4.2	2.4	7.3	5.5	0.5		
Russia	0.4	0.4	5.0	2.8	8.6	1.7	0.3		
Tajikistan	0.5		3.8	1.9					
Turkmenistan	1.9		4.4	2.1	8.4				
Ukraine	0.4	0.7	4.4	2.9	8.4	0.7	0.7		
Uzbekistan	0.4			2.2					
Latin America and the Caribbean									
Antigua and Barbuda	1.2	0.7	0.8	0.3	3.0	4.9	2.7		
Argentina	13.1	0.2			4.9	11.5	0.9		
Bahamas	0.9	2.8	0.8	0.3	6.5	2.1	2.4		
Barbados	3.2		1.7	1.5	6.8				
Belize	4.0		1.1	1.6	4.2				
Bermuda									
Bolivia	1.2	0.2	1.1	0.3	2.7	4.0	1.8		
Brazil									
Chile	0.3	0.2	0.1	0.4	0.9	3.9	4.2		

<i>Latin America and the Caribbean - cont'd</i>									
Colombia	0.1	0.5	0.8	0.2	1.7	2.7	2.4		
Costa Rica									
Dominican Republic	1.7	0.4	1.0	0.3	3.4	6.5	1.9		
Ecuador	0.7		0.6	0.4	1.7	5.3	3.6		
El Salvador									
Guatemala	1.6	0.4	0.1	0.2	2.3	4.4	3.7		
Guyana	1.0	0.1	0.6	0.1	1.8	8.5	4.0		
Honduras									
Jamaica									
Mexico									
Nicaragua	0.5		0.7	0.5		7.0	3.2		
Paraguay	3.0								
Peru	1.5								
Suriname									
Trinidad and Tobago									
Uruguay	2.4	1.2	2.1	0.8	6.5	5.0	2.1		
Venezuela	1.2	0.5	0.9	0.1	2.7	4.8	1.8		
Middle East and North Africa	1.4	0.9	1.2	0.4	3.9	9.8	3.4		
Algeria	1.5	0.8	1.3	0.6	4.2	9.7	2.9		
Bahrain	2.6		1.8	1.1	5.5	7.1	1.3		
Egypt	1.8	2.7	0.9	0.7	6.2	8.4	4.7		
Jordan	0.8	0.8	1.5	0.5	3.5	14.4	2.7		

	Employment						Total general civilian government	Wages	
	Government administration		Social Sectors		As percentage of GDP	As multiple of per capita GDP			
	Central Government	Non-central government	Education sector	Health sector					
<i>Middle East and North Africa - cont'd</i>									
Lebanon	0.2	0.3	0.8	0.1	1.4	1.5	1.4		
Morocco	0.8	0.5	0.9	0.1	2.3	12.1	4.5		
Syria	1.0	0.3	1.7	0.3	3.2	8.7	3.0		
Tunisia	1.4	0.3	1.5	0.5	3.7	7.1	3.0		
WB-Gaza	1.5		0.7	0.2	2.4				
Yemen	2.3	0.7	0.3	0.2	3.5	8.0	3.3		
OECD^b	1.8	2.5	2.1	1.4	7.7	4.5	1.6		
Australia	1.3	2.3	2.3	1.7	7.6		1.3		
Austria	3.4	2.5	0.5	1.3	7.6	3.7	1.0		
Belgium	1.7	2.3	2.8	0.8	7.6	7.3	2.4		
Canada	1.0	1.8	1.3	0.0	4.0	2.2	1.7		
Denmark	2.8	5.2	2.8	2.0	12.7	12.9	1.3		
Finland	2.2	7.7	0.7	1.8	12.4	3.3	1.3		
France	2.7	2.2	1.9	0.2	7.0	3.3	1.0		
Germany	0.4	2.6	1.4	0.1	4.5	2.4	1.3		
Greece	1.1	0.4	1.2	0.1	2.7	9.5	4.2		

^b Organisation for Economic Co-operation and Development

OECD - cont'd

Ireland	1.2	0.8	1.5	1.7	5.0	5.3	1.2
Italy	1.3	1.3	1.7	1.1	5.4	5.9	1.4
Japan	0.7	1.2	1.0	0.2	3.2		
Netherlands	3.9	1.3			5.2		2.0
New Zealand	1.2	1.2	6.2		8.6	3.6	3.2
Norway	2.6	1.6	3.1	5.6	13.0	3.6	1.1
Portugal	1.8	0.8	2.0	0.5	5.1	11.5	1.6
Spain	1.3	2.0	0.6			5.3	1.8
Sweden	4.1	5.3	3.3	4.7	17.4	3.0	0.8
Switzerland	2.1	2.5	1.7	1.3	7.6	0.8	1.5
United Kingdom	1.3	2.2	1.7	1.7	7.0	4.5	1.5
US	1.2	3.2	2.2	0.5	7.1	2.3	1.5

II.
WORLD MILITARY EXPENDITURE, 1989 - 1998
 (in US\$ millions at 1995 prices and as percent of GDP)^a

Country	In US\$ million				As % of GDP ^b				As % of public health and education expenditure, 1995 ^c
	1989	1992	1995	1998	1989	1992	1995	1998	
Africa	8,983	6,516	5,260	4,006	4.1	3.0	2.5	2.1	27.2
Benin	32	-	-	-	1.9	-	-	-	-
Botswana	151	189	166	229	3.2	4.1	3.1	4.0	-
Cameroon	176	144	116	159	1.7	1.5	1.4	1.8	-
Cape Verde	-	-	6	-	-	-	1.5	-	-
Chad	-	-	20	-	-	-	2.0	-	-
Comoros	-	-	-	-	-	-	-	-	-
Cote d'Ivoire	128	122	-	-	1.4	1.4	-	-	-
Eritrea	-	-	123	-	-	-	19.9	-	-
Ethiopia	549	132	118	154	11.1	3.2	2.1	2.3	36.8
Gabon	-	-	-	16	-	-	-	-	-
Gambia	3	4	3	-	1.1	1.1	-	-	-
Ghana	25	53	49	-	0.4	0.8	0.8	-	12.5
Kenya	355	186	159	-	3.1	1.9	1.8	-	-
Lesotho	34	22	26	-	4.4	3.2	3.1	-	-
Liberia	27	24	-	-	2.3	-	-	-	-

Source: Stockholm International Peace Research Institute (SIPRI), 1999 Yearbook, Oxford University Press; SIPRI estimates; ADB staff estimates based partly on World Bank and EBRD data.

Country	In US\$ million				As % of GDP ^b				As % of public health and education expenditure, 1995 ^c
	1989	1992	1995	1998	1989	1992	1995	1998	
<i>Africa - cont'd</i>									
Madagascar	36	37	27	-	1.2	1.2	0.9	-	-
Malawi	19	18	15	-	1.5	1.4	1.0	-	13.0
Mali	39	-	-	-	2.3	-	-	-	-
Mauritania	38	32	30	-	4.0	3.5	2.8	-	40.6
Mauritius	9	13	13	-	0.3	0.4	0.3	-	4.7
Mozambique	115	103	69	75	10.3	8.3	4.6	1.9	-
Namibia	-	130	68	97	-	4.3	2.0	3.1	15.7
Niger	15	-	-	-	0.9	-	-	-	-
Nigeria	759	939	428	692	1.0	0.9	0.5	1.7	50.0
Rwanda	39	101	56	-	1.8	4.4	4.2	-	-
Senegal	85	83	81	-	2.1	1.8	1.8	-	34.6
Seychelles	17	23	12	-	4.3	4.7	2.3	-	19.0
Sierra Leone	10	26	25	-	0.6	2.2	N.A.	-	-
South Africa	5244	3428	2949	2,196	4.1	2.8	2.2	1.9	-
Sudan	308	173	139	-	3.2	2.2	1.7	-	-
Swaziland	12	24	27	-	1.2	1.9	2.3	-	24.7
Tanzania	87	-	81	-	1.7	-	1.5	-	-
Togo	43	41	31	-	3.1	2.9	2.4	-	-
Uganda	91	74	110	165	2.3	1.5	1.8	2.5	42.9
Zambia	173	117	56	-	4.2	3.0	1.6	-	31.4
Zimbabwe	365	280	256	223	4.6	3.7	3.3	3.8	-

Asia and Pacific ^d	45,207	52,653	53,073	56,330	3.2	3.2	2.9	2.3	68.0
Bangladesh	376	438	474	526	1.6	1.7	1.5	1.2	-
Brunei Darussalam	305	328	286	-	-	6.2	5.7	-	-
Cambodia	-	-	123	130	-	-	4.2	4.2	-
Cook Islands	-	-	-	-	-	-	-	-	-
Cyprus	239	476	201	-	3.6	6.2	2.3	-	-
Fed. States of Micronesia	-	-	-	-	-	-	-	-	-
Fiji	40	35	35	-	2.3	2.0	1.7	-	-
India	7,756	6,819	8,004	9,842	3.1	2.4	2.3	2.6	57.5
Indonesia	1,944	2,354	2,513	2,767	1.6	N.A.	1.2	3.0	57.1
Kiribati	-	-	-	-	-	-	-	-	-
Laos	-	-	109	-	-	-	6.2	-	-
Malaysia	1,399	2,032	2,444	2,000	2.7	3.0	2.8	2.8	46.7
Marshall Islands	-	-	-	-	-	-	-	-	-
Mongolia	-	29	21	-	7.9	2.5	2.2	-	21.4
Myanmar	2,530	3,023	3,932	-	3.0	3.4	3.7	-	-
Nepal	30	32	37	-	0.8	0.8	0.8	-	17.8
North Korea	1,871	2,112	-	-	-	-	-	-	-
Pakistan	2,986	3,582	3,428	3,319	6.6	6.7	5.8	5.2	161.1
Papua New Guinea	-	56	-	-	-	1.3	-	-	-
People's Rep. of China	9,900	13,800	12,500	16,900	2.6	2.7	1.8	1.8	-
Philippines	1,158	861	1,187	1,580	17	1.3	1.6	2.4	-
Samoa	-	-	-	-	-	-	-	-	-
Singapore	2,278	2,875	3,673	4,803	4.6	4.7	4.3	5.6	95.6
Solomon Islands	-	-	-	-	-	-	-	-	-
Sri Lanka	157	328	687	609	1.6	3.0	5.3	4.0	120.5
Taipei, China	8,886	10,023	9,858	10,620	4.8	4.5	3.8	-	-
Thailand	2,402	2,987	3,561	3,234	2.4	2.3	2.1	2.1	34.4

Country	In US\$ million				As % of GDP ^b				As % of public health and education expenditure, 1995 ^c
	1989	1992	1995	1998	1989	1992	1995	1998	
<i>Asia and Pacific - cont'd</i>									
Tonga	-	-	-	-	-	-	-	-	-
Tuvalu	-	-	-	-	-	-	-	-	-
Vanuatu	-	-	-	-	-	-	-	-	-
Vietnam	950	462	-	-	-	3.4	-	-	-
Central and Eastern Europe and Former Soviet Union^{d,e}	242,530	52,316	33,019	17,111	14.1	5.3	4.0	2.8	24.5
Albania	93	62	53	29	-	4.4	2.2	1.2	-
Azerbaijan	-	611	171	-	-	3.3	2.3	-	57.5
Belarus	-	671	318	311	-	1.6	1.4	1.4	12.8
Bosnia & Herzegovina	-	-	257	128	-	-	-	-	-
Bulgaria	1,026	470	325	217	-	2.9	2.5	2.2	33.3
Croatia	-	1,305	1,775	1,257	-	7.3	9.8	6.7	71.0
Estonia	-	21	55	50	-	0.5	1.5	0.9	11.7
Georgia	-	127	143	166	-	-	1.5	3.2	-
Kazakhstan	-	-	401	414	-	-	1.1	2.0	16.2
Kyrgyzstan	-	-	56	-	-	-	1.5	-	14.7
Latvia	-	-	44	33	-	-	1.0	0.6	9.0
Lithuania	-	-	29	104	-	-	0.5	1.0	4.7
Macedonia	-	-	-	107	-	-	-	4.9	-
Romania	1,411	1,072	756	546	3.6	3.3	2.1	1.6	-

Russia	240,000	47,500	25,700	11,200	14.2	5.5	4.0	2.5	51.3
Slovak Republic	-	-	435	410	-	-	2.5	2.1	22.3
Slovenia	-	343	335	354	-	-	1.8	1.9	14.0
Tajikistan	-	-	59	-	-	0.4	1.1	-	13.4
Turkmenistan	-	-	148	225	-	-	1.4	5.1	-
Ukraine	-	-	1,665	1,561	-	-	3.1	3.1	25.4
Uzbekistan	-	133	294	-	-	-	1.1	-	10.1
Latin America and Caribbean^d	20,973	15,285	21,257	18,125	1.8	1.5	1.6	1.5	21.8
Argentina	5,228	3,910	3,362	3,886	1.7	1.4	1.6	1.1	-
Belize	5	6	8	-	1.2	1.1	1.4	-	12.4
Bolivia	96	127	127	-	1.8	2.1	1.9	-	19.6
Brazil	9,220	5,605	10,906	13,125	1.7	1.1	1.5	1.7	21.4
Chile	1,097	1,127	1,240	1,008	2.4	2.2	1.9	1.3	35.8
Colombia	908	946	1,444	-	1.4	1.4	1.8	-	26.1
Costa Rica	30	23	44	-	0.4	0.3	0.5	-	4.7
Ecuador	308	471	348	-	2.0	2.7	1.9	-	35.2
El Salvador	241	161	97	-	2.9	2.0	1.0	-	21.7
Guatemala	176	182	144	106	1.6	1.5	1.0	0.5	28.6
Guyana	4	-	6	-	-	1.0	0.9	-	10.1
Honduras	52	82	47	-	2.4	1.5	1.2	-	18.8
Nicaragua	40	111	32	-	6.5	2.3	1.7	-	18.9
Panama	89	108	97	-	2.1	1.3	1.2	-	12.1
Paraguay	126	93	122	-	1.2	1.6	1.4	-	26.9
Peru	908	1,243	834	-	1.9	1.9	1.4	-	-
Uruguay	406	412	286	-	2.4	2.3	1.6	-	34.0
Venezuela	1,104	1,615	1,113	-	2.2	1.3	1.4	-	-

Country	In US\$ million				As % of GDP ^b				As % of public health and education expenditure, 1995 ^c
	1989	1992	1995	1998	1989	1992	1995	1998	
Middle East and North Africa^e	39,647	47,400	41,743	42,910	11.4	8.7	8.6	8.4	94.8
Algeria	542	868	1,235	1,733	1.7	1.9	3.0	3.5	-
Bahrain	212	268	274	-	5.4	5.3	5.0	-	-
Egypt	2,205	2,178	1,971	2,043	4.4	3.8	3.3	2.6	50.8
Iran	1,754	2,022	2,550	2,985	2.9	2.2	2.5	-	46.3
Iraq	-	-	-	-	-	-	-	-	-
Israel	7,515	7,706	7,378	8,540	12.3	10.5	8.5	-	-
Jordan	514	426	552	587	10.6	7.8	8.3	8.4	66.9
Kuwait	2,574	6,555	3,693	3,264	8.5	31.8	13.9	10.8	151.1
Lebanon	-	458	490	414	-	5.2	4.4	2.4	-
Malta	26	27	31	31	1.1	1.0	1.0	-	-
Morocco	1,890	1,441	1,551	-	5.8	4.3	4.7	-	-
Oman	1,802	2,008	2,018	1,753	18.6	16.2	14.7	-	-
Saudi Arabia	14,912	15,369	13,218	17,142	15.7	N.A.	10.5	13.6	-
Syria	3,020	4,197	3,608	3,155	8.0	9.0	7.3	17.63	-
Tunisia	402	390	345	378	2.8	2.3	1.9	1.7	-
United Arab Emirates	2,279	2,231	1,950	-	5.8	5.5	4.9	-	128.9
Yemen	-	1,256	879	885	-	9.2	8.0	20.5	125.0
Non-OECD Countries	357,339	174,170	154,352	138,482	11.4	5.2	4.5	4.1	38.6

OECD Members	689,543	637,323	565,398	538,537	4.3	3.7	3.0	2.7	21.1
Australia	7,320	8,446	8,067	8,299	2.3	2.5	2.3	2.3	20.4
Austria	2,146	2,121	2,133	2,118	1.1	1.0	0.9	1.0	7.8
Belgium	6,051	4,808	4,449	4,328	2.5	1.8	1.6	1.8	16.0
Canada	10,965	9,963	9,077	6,999	2.0	1.9	1.6	1.2	-
Czech Republic	-	-	839	1,061	-	-	1.7	2.0	13.4
Denmark	3,224	3,224	3,118	3,206	2.1	1.9	1.7	1.8	11.3
Finland	1,854	2,219	1,968	2,213	1.4	2.0	1.6	1.8	11.9
France	52,099	50,527	47,768	45,978	3.7	3.4	3.1	3.2	22.0
Germany	53,840	49,951	41,160	38,878	2.8	2.1	1.7	1.8	13.2
Greece	5,001	4,987	5,056	6,211	4.6	4.5	4.4	5.2	60.3
Hungary	1,511	910	612	580	2.8	2.1	1.4	1.3	13.7
Iceland	-	-	-	-	-	-	-	-	-
Ireland	495	642	688	772	1.0	1.2	1.1	1.0	9.7
Italy	22,846	21,643	19,376	22,809	2.3	2.1	1.8	1.9	17.8
Japan	47,409	48,819	50,112	51,285	1.0	1.0	1.0	1.4	-
Korea	11,253	13,130	14,424	15,042	4.0	3.6	3.2	5.0	57.1
Luxembourg	121	145	142	168	1.1	0.9	0.8	-	7.8
Mexico	869	1,118	1,224	1,185	0.4	0.4	0.4	0.3	5.2
New Zealand	1,033	770	659	775	1.9	1.5	1.1	1.4	8.5
Netherlands	9,907	9,308	8,011	7,859	2.8	2.5	2.0	2.1	16.7
Norway	3,745	3,968	3,508	3,577	3.0	3.0	2.4	2.5	16.3
Poland	3,442	2,502	2,720	3,053	1.8	2.3	2.3	2.1	24.5
Portugal	2,435	2,639	2,670	2,622	2.8	2.8	2.6	2.5	24.8
Spain	10,164	8,529	8,652	8,241	2.0	1.6	1.5	1.5	14.0
Sweden	5,345	5,503	5,421	5,337	2.3	2.5	2.3	2.4	15.1
Switzerland	5,653	5,395	4,238	3,865	1.9	1.8	1.4	1.5	11.5

Country	In US\$ million				As % of GDP ^b			As % of public health and education expenditure, 1995 ^c
	1989	1992	1995	1998	1989	1992	1995	
<i>OECD Members - cont'd</i>								
Turkey	4,552	5,948	6,60	7,920	3.3	3.7	3.8	4.2
United Kingdom	42,645	38,828	33,841	32,320	4.0	3.8	3.0	2.4
United States	373,618	331,280	278,856	251,836	5.6	4.9	3.8	3.1
WORLD	1,046,882	811,493	719,750	677,019	6.7	4.0	3.3	3.0

^a The ratio of military expenditure to GDP is calculated in domestic currency at current prices and for calendar years. The deflator used for conversion from current to constant prices is the consumer price index (CPI) of the country concerned. For most countries the conversion to dollars is made by use of the average market exchange rates. The exceptions are countries in transition whose economies are still closed that market exchange rates do not accurately reflect the price ratios of the entire economy. For these countries conversion to dollars is made by use of purchasing power parity (PPP).

^b Weighted means of country ratios

^c Unweighted means of country ratios

^d Excludes OECD member countries

^e For most countries in this region, the GDP implied by the SIPRI data is significantly different from that shown in other institutional sources. As it is impossible to effect a country-by-country reconciliation, the GDP ratios for each country ought to be viewed as broad magnitudes. However, as many of these differences go in opposite directions for different countries in the region, the regional average ratios of military expenditure to GDP can be considered relatively reliable.

III.
NUMBER OF CENTRAL GOVERNMENT MINISTRIES,
Various Recent Years

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>Africa</i>	19	13,942	926	1,046	71
Angola	-	11,600	-	1,100	-
Benin	-	5,800	-	-	-
Botswana	10	1,500	150	3,500	350
Cameroon	-	13,900	-	600	-
Cape Verde	-	406	-	1,200	-
Chad	-	6,700	-	200	-
Comoros	-	651	-	400	-
Congo	-	2,745	-	1,300	-
Cote d'Ivoire	-	14,300	-	300	-
Eritrea	-	3,400	-	-	-
Ethiopia	-	60,100	-	-	-
Gabon	-	1,140	-	2,600	-
Gambia	12	1,200	100	300	25
Ghana	20	18,300	915	200	10
Kenya	24	33,100	1,379	900	37.5
Lesotho	-	2,100	-	1,000	-
Liberia	-	2,900	-	-	-
Madagascar	-	15,800	-	700	-
Malawi	-	10,400	-	500	-
Mali	-	11,500	-	300	-
Mauritania	17	2,400	141	400	23.5
Mauritius	24	1,100	46	3,300	137.5
Mozambique	17	18,300	1,076	-	-
Namibia	-	1,600	-	4,200	-
Nigeria	28	118,400	4,229	400	14.3
Rwanda	-	5,900	-	-	-
Senegal	24	8,800	367	400	16.7
Seychelles	-	75	-	-	-
Somalia	-	10,200	-	-	-

Source: Various Embassies, Consular Offices, Internet Government Websites, World Bank and ADB country desk officers

^a Excluding Offices of the Prime Minister/President, State Ministers, Deputies, Secretariat, Special Councils, Commissions. Different sources occasionally provide different figures. The data shown in this table have been derived from a number of sources and efforts have been made to cross-check them to the extent possible. Nevertheless, some uncertainty remains, also because mergers or additions to the number of ministries are not uncommon, and may have occurred after the time when these data were assembled.

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>Africa - cont'd</i>					
South Africa	22	43,300	1968	1,400	63.6
Sudan	-	27,900	-	-	-
Swaziland	17	906	53	-	-
Togo	-	4,300	-	400	-
Uganda	-	20,400	-	200	-
Zambia	-	8,500	-	800	-
Zimbabwe	18	12,300	683	600	33.3
Asia	20	123,951	4,696	1,069	51
Afghanistan	25	22,100	884	-	-
Bangladesh	23	126,000	5478	400	17.4
Bhutan	7	1,900	271	-	-
Brunei Darussalam	11	307	28	-	-
Cambodia	20	10,500	525	1,600	80.0
Cyprus	11	800	73	-	-
India	35	950,000	27143	400	11.4
Indonesia	21	199,900	9519	700	33.3
Israel	20	5,800	290	-	-
Laos	13	5,200	400	100	7.7
Malaysia	23	21,700	943	2,300	100.0
Maldives	18	273	15	3,000	166.7
Mongolia	9	2,300	256	-	-
Myanmar	31	46,400	1497	1,200	38.7
Nepal	28	2,600	93	-	-
North Korea	-	22,800	-	-	-
Pakistan	25	138,200	5528	400	16.0
People's Rep. of China	29	1,243,700	42886	100	3.4
Philippines	20	73,500	3675	1,000	50.0
Rep. of Korea	18	46,000	2556	600	33.3
Saudi Arabia	20	19,500	975	-	-
Singapore	14	3,200	229	900	64.3
Sri Lanka	32	18,600	581	2,800	87.5
Taipei, China	10	-	-	-	-
Thailand	14	61,000	4357	1,200	85.7
Vietnam	17	76,500	4500	400	23.5

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>Central and Eastern Europe and Former Soviet Union</i>	15	17,813	747	1,264	73
Albania	16	3,731	233	1,900	118.8
Armenia	-	3,600	-	800	-
Azerbaijan	14	7,600	543	800	57.1
Belarus	-	10,215	-	600	-
Bosnia	-	3,784	-	-	-
Bulgaria	15	8,306	554	900	60.0
Croatia	18	4,498	250	1,600	88.9
Czech Republic	15	10,300	687	600	40.0
Estonia	14	1,455	-	1,900	-
Georgia	-	5,400	-	2,600	-
Hungary	12	10,200	850	1,400	116.7
Kazakhstan	14	16,800	1200	1,200	85.7
Kyrgyzstan	-	4,600	-	5,800	-
Latvia	13	2,474	-	1,900	-
Lithuania	19	3,706	195	1,000	52.6
Macedonia	21	2,190	104	900	42.9
Poland	10	38,650	-	200	-
Romania	17	22,565	1327	200	11.8
Russia	10	147,105	-	400	-
Slovak Republic	14	5,383	385	1,300	92.9
Slovenia	15	1,987	132	1,400	93.3
Tajikistan	-	6,000	-	500	-
Turkey	17	64,000	3765	1,000	58.8
Turkmenistan	18	4,200	233	1,900	105.6
Ukraine	-	50,698	-	400	-
Uzbekistan	-	23,700	-	400	-
<i>Latin America and Caribbean</i>	15	17,142	1,169	2,275	192
Antigua and Barbuda	12	67	6	13,100	1,091.7
Argentina	7	36,000	5143	900	128.6
Bahamas	15	289	19	3,200	213.3
Barbados	14	262	19	4,000	285.7
Belize	20	230	12	-	-
Bermuda	13	60	5	-	-
Bolivia	14	7,800	557	1,200	85.7

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>Latin America and Caribbean - cont'd</i>					
Brazil	23	159,900	6952	-	-
Chile	19	14,600	768	300	15.8
Colombia	16	36,200	2263	100	6.3
Costa Rica	17	3,464	204	-	-
Dominican Republic	11	8,097	736	-	-
Ecuador	6	11,900	1983	1,700	283.3
El Salvador	12	5,928	494	700	58.3
French Guinea	24	159	7	-	-
Guatemala	12	10,157	846	-	-
Guyana	15	847	56	1,600	106.7
Honduras	15	6,338	423	1,000	66.7
Jamaica	15	2,554	170	-	-
Mexico	15	96,400	6427	-	-
Nicaragua	13	4,351	335	500	38.5
Paraguay	10	5,100	510	3,000	300.0
Peru	14	24,400	1743	1,500	107.1
Suriname	16	437	27	-	-
Trinidad and Tobago	21	1,307	62	-	-
Uruguay	12	3,200	267	2,400	200.0
Venezuela	15	22,800	1520	1,200	80.0
Middle East and North Africa	20	14,992	643	1,390	62
Algeria	27	29,100	1078	1,500	55.6
Bahrain	15	620	41	2,600	173.3
Egypt	27	62,000	2296	1,800	66.7
Iran	22	60,700	2759	-	-
Iraq	21	21,177	1008	-	-
Israel	20	5,800	290	-	-
Jordan	25	5,800	232	800	32.0
Kuwait	15	1,800	120	-	-
Lebanon	13	3,100	238	200	15.4
Libya	19	5,800	305	-	-
Malta	11	375	34	-	-
Morocco	21	27,300	1300	800	38.1
Oman	25	2,400	96	-	-

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>Middle East and North Africa - cont'd</i>					
Qatar	12	600	50	-	-
Syria	25	15,000	600	1,000	40.0
Tunisia	25	9,200	368	1,400	56.0
United Arab Emirates	17	2,580	152	-	-
WB Gaza	-	-	-	1,500	-
Yemen	27	16,500	611	2,300	85.2
Pacific	10	587	44	5,400	360
Cook Islands	14	20	1	5,400	-
Fed. States of Micronesia	6	130	22	-	-
Fiji	15	809	54	-	360.0
Kiribati	14	81	6	-	-
Marshall Islands	11	61	6	-	-
Papua New Guinea	16	4,500	281	-	-
Samoa	5	168	34	-	-
Solomon Islands	9	404	45	-	-
Tonga	13	99	8	-	-
Tuvalu	4	10	3	-	-
Vanuatu	8	178	22	-	-
OECD^b Members	14	37,286	3,022	1,658	132
Australia	16	18,500	1156	1,300	81.3
Austria	10	8,100	810	3,400	340.0
Belgium	18	10,200	567	1,700	94.4
Canada	20	30,300	1515	1,000	50.0
Czech Republic	15	10,300	687	600	40.0
Denmark	19	5,300	279	2,800	147.4
Finland	12	5,100	425	2,200	183.3
France	14	58,600	4186	2,700	192.9
Germany	14	82,100	5864	400	28.6
Greece	18	10,500	583	1,100	61.1
Hungary	12	10,200	850	1,400	116.7
Iceland	-	271	-	-	-

^b Organisation for Economic Co-operation and Development.

Country	No. of central ministries ^a	Population (Thousands)	Population per ministry (Thousands)	Central government employment (Thousands)	Average number of employees per central ministry
<i>OECD Members</i>					
<i>- cont'd</i>					
Ireland	10	3,700	370	1,200	120.0
Italy	11	57,500	5227	1,300	118.2
Japan	12	125,600	10467	700	58.3
Korea	18	46,000	2556	600	33.3
Luxembourg	-	417	-	-	-
Mexico	15	96,400	6427	-	-
New Zealand	18	3,800	211	1,200	66.7
Norway	16	4,400	275	2,600	162.5
Poland	10	38,700	3870	200	20.0
Portugal	-	9,800	-	1,800	-
Spain	12	39,300	3275	1,300	108.3
Sweden	10	8,800	880	4,100	410.0
Switzerland	7	7,100	1014	2,100	300.0
The Netherlands	12	197	16	3,900	325.0
Turkey	17	64,000	3765	1,000	58.8
United Kingdom	14	58,200	4157	1,300	92.9
United States	14	267,900	19136	1,200	85.7
WORLDWIDE AVERAGE	16	32,245	1,607	2,015	135