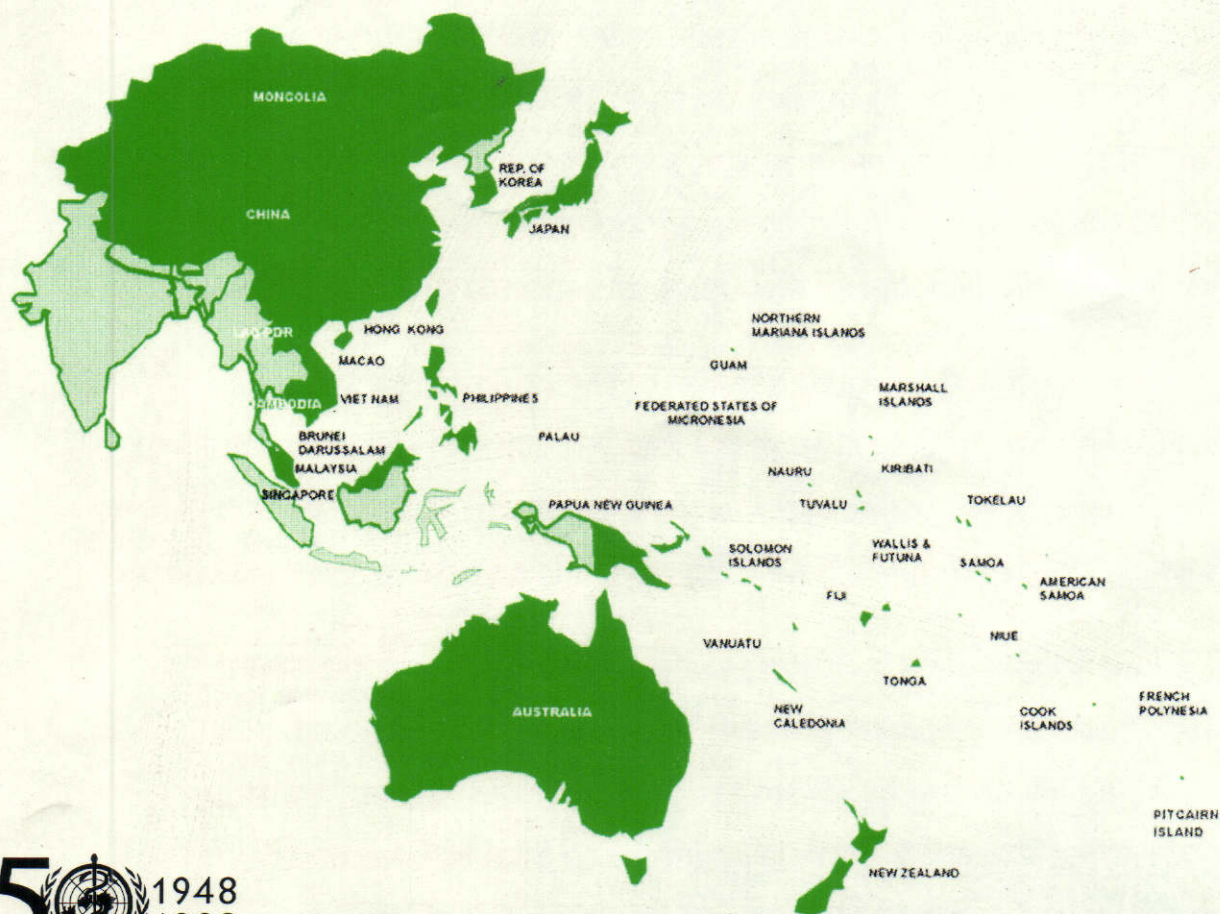


Selected Health Indicators for Countries/Areas of the Western Pacific



World Health Organization
Western Pacific Regional Office

1998

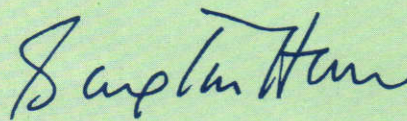
HOW/WHO YEARBOOK
Annual Publication

PREFACE

Indicators are variables that help to measure changes and assess the extent to which objectives and targets of a health programme are being attained. The WHO Regional Office for the Western Pacific has collaborated actively with Member States to developing their health information systems. This health sheet is one of the fruits of this collaboration and contains health profiles of countries in the Region from 1950 to 1996. Some of these indicators will be useful for setting priorities and for policy formulation. They are grouped into five categories: demographic, socioeconomic, health status, access and **coverage**, health resources, and morbidity and mortality.

Indicators are selected because of their public health importance and availability for the countries in the Region. Some of the indicators also reflect the themes of the regional framework document *New horizons in health*, namely, preparation for life, protection of life, and quality of life in later years.

Identifying new indicators and modifying existing indicators is a continuous and evolving process. With continuing economic progress, changing health trends will lead to new priorities for the health sector. We hope this publication will help countries to establish these new priorities and will stimulate efforts to enhance health information. We would welcome suggestions for future improvement.



S.T. Han, MD, Ph.D.
Regional Director

Country or Area	DEMOGRAPHIC INDICATORS															
	Population (000s)		Projected population (000s)		Average annual growth rate		Crude birth rate (per1000 population)		Crude death rate (per1000 population)		Life expectancy at birth - Both sexes (Years)		% Urban Population		Dependency ratio (per 100)	
	1950	1995	2010	2025	1950-55	1990-95	1950-55	1990-95	1950-55	1990-95	1950-55	1990-95	1950	1995	1950	1995
American Samoa	19	55	84	110	1.87	3.04	...	30.0	...	4.1	...	70.0	...	48.0	...	77.0
Australia	8219	18209	22441	27233	2.26	1.37	23.0	15.6	9.4	7.7	69.6	77.7	75.1	84.7	53.0	49.7
Brunei	48	296	374	466	5.56	2.06	48.9	25.0	11.6	3.5	60.4	74.2	27.1	57.8	70.4	59.2
Cambodia	4346	10251	15145	21323	2.15	2.96	45.4	43.5	23.8	14.3	39.4	51.6	10.2	20.7	81.6	90.7
China, PR of	554760	1229522	1446003	1666589	1.87	1.11	43.6	19.9	25.0	7.3	40.8	68.5	11.0	30.3	61.3	48.2
Cook Is.	15	19	24	30	2.02	0.93	...	30.5	...	6.0	...	70.0	46.7	58.0	...	72.0
Fiji	289	787	1023	1277	3.01	1.52	46.3	24.5	12.5	4.5	55.2	71.5	24.2	40.7	97.9	62.4
French Polynesia	61	220	292	367	2.68	2.15	43.3	27.2	16.3	5.4	48.8	69.8	...	57.0	89.3	62.2
Guam	60	151	194	240	1.11	2.26	31.8	27.4	8.7	3.9	56.5	75.3	...	38.0	39.8	56.5
Hong Kong	1974	6156	6189	6279	4.64	2.50	37.7	12.8	8.9	4.9	61.0	78.6	...	95.7	48.9	41.5
Japan	83625	125510	131087	130287	1.43	0.25	23.7	10.7	9.4	7.6	63.9	79.5	50.3	77.6	67.8	43.6
Kiribati	32	79	112	153	2.25	1.75	...	29.4	...	13.0	...	60.0	9.4	35.0	...	85.0
Korea, Rep. of	20357	45201	51886	57257	1.02	0.97	37.0	17.3	12.5	6.2	47.5	71.1	21.4	81.3	80.8	41.3
Lao PDR	1755	4581	7498	10565	2.05	3.00	45.7	45.2	25.3	15.2	37.8	51.0	7.2	21.7	80.9	91.5
Macao	188	424	536	619	-0.87	0.20	...	13.2	...	3.2	...	70.0	...	100.0	...	...
Malaysia	6110	20210	27112	34387	2.72	2.37	45.2	29.5	19.9	5.1	48.5	70.8	20.4	53.7	85.0	72.0
Mariana Is.	7	58	61	76	2.75	5.60	...	24.7	...	2.8	...	68.0	...	80.0	...	36.0
Marshall Is.	13	54	88	135	3.44	2.94	...	23.9	4.0	9.0	...	62.8	69.2	65.0	...	106.0
Micronesia	32	125	200	301	3.27	2.77	...	31.0	...	7.9	...	63.0	21.8	39.0	...	75.0
Mongolia	761	2447	3385	4322	2.20	2.03	43.7	23.6	17.0	7.3	42.2	63.7	18.9	60.9	82.5	78.9
Nauru	3	11	17	25	3.06	2.57	...	24.0	...	5.0	...	56.0	100.0	100.0	...	83.0
New Caledonia	55	182	230	282	3.35	1.53	39.6	23.8	16.5	5.4	55.4	72.1	...	70.0	86.5	55.5
New Zealand	1908	3585	4182	4775	2.26	1.24	25.7	17.8	9.3	8.4	69.6	75.5	72.5	86.1	61.4	53.1
Niue	5	2	2	2	4.55	-2.15	...	15.2	...	3.0	...	66.0	20.0	30.0	...	87.0
Palau, Rep. of	6	17	26	37	2.75	2.25	...	20.6	...	8.3	...	67.0	50.0	69.0	...	64.0
Papua New Guinea	1613	4309	6013	7913	1.56	2.27	44.4	33.8	28.8	10.7	35.1	55.8	0.7	34.0	76.9	73.8
Philippines	20988	67758	90435	112593	2.61	2.12	49.3	31.0	19.5	6.5	47.5	66.3	27.1	54.2	89.3	71.4
Samoa	84	172	245	337	2.84	1.07	51.7	38.4	21.1	6.1	44.0	67.6	13.1	21.0	98.5	97.9
Singapore	1022	2848	3199	3507	4.90	1.03	44.4	15.9	10.6	5.7	60.4	74.8	100.0	100.0	75.0	41.7
Solomon Is.	90	379	604	883	2.61	3.32	42.6	37.8	19.3	4.4	44.4	70.4	7.8	17.1	80.3	89.0
Tokelau	2	2	2	2	0.49	0.00	...	31.0	...	8.2	...	68.0	...	0.0	...	113.0
Tonga	41	98	117	143	5.11	0.36	...	24.7	...	4.1	...	69.0	12.2	31.0	...	89.0
Tuvalu	5	10	13	16	1.22	1.42	...	26.7	...	9.8	...	67.0	0.0	42.0	96.0	78.0
Vanuatu	48	170	249	350	2.84	2.49	50.4	35.6	22.3	7.3	42.0	65.2	6.2	19.3	...	88.1
Viet Nam	29954	74765	101184	127419	1.33	2.23	41.8	31.3	28.5	8.0	40.4	65.2	11.6	20.8	61.7	73.4
Wallis & Futuna	7	15	18	23	1.01	1.10	...	31.0	...	6.0	...	68.0	...	0.0	...	96.0
Western Pacific Region	738502	1618377	1920270	2220323												96.0

Legend:

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No information available

Sources of information:

- (1) Demographic Data for Health Situation Assessment and Projections - 1996, World Health Organization/Geneva
- (2) World Population Prospects The 1994 Revision, United Nations
- (3) United Nations World Population Chart 1985
- (4) Pacific Island Populations, Report prepared by the South Pacific Commission for International Conference on Population and Development, 5-13 September 1994, Cairo, Egypt
- (5) Third Evaluation of the Strategy for Health For All By the Year 2000 (CFE3), 1997

Country or Area	SOCIOECONOMIC INDICATORS					
	Adult literary rate	Per capita GNP (US\$)	Rate of growth of per capita GNP (%)	Health budget/ expenditure as % of national budget	% of population with access to safe water supply	% of population with access to excreta disposal facilities
	1990-95	1990-95	1990-95	1990-95	1990-95	
American Samoa	99.5	.1750.00d/	...	19.0	62.0	85.0
Australia	>95.0	18128.00a/	2.5	8.4e/	99.0	90.0
Brunei	90.0	16813.00	...	4.2	98.0	...
Cambodia	68.7	222.00	7.5	...	65.0(U)	50.0(U)
China, PR of	80.0	573.00	9.0	3.0	82.9	68.4(U)
Cook Is.	100.0	4113.38	- 5.0	9.1	95.0	95.0
Fiji	91.6	1554.70	...	...	77.0	...
French Polynesia	90.0	14770.00	4.3	13.5	46.0	96.0
Guam	96.4	9175.00	8.1	7.2	100.0	100.0
Hong Kong	89.2	21680.00a/	10.5	11.6f/	99.8	99.0
Japan	100.0	32400.00	0.5	7.0	95.8	100.0
Kiribati	90.0	740.00	...	17.9	72.9	64.3
Korea, Rep. of	98.0	10076.00	8.7	...	82.9	100.0
Lao PDR	60.0	370.00a/	6.8c/	...	29.0	15.0
Macao	89.5	16164.00	8.2	8.4	100.0	100.0
Malaysia	91.0	4028.80	9.2	5.2	89.3	65.5
Mariana Is.	99.1	9311.00	16.0a/	...	80.0	80.0
Marshall Is.	90.7	1850.00	9.9	13.0	82.0	...
Micronesia	90.0	1890.00	...	11.8	21.6	39.0
Mongolia	97.0	373.00	4.9	11.6	68.0	54.0
Nauru	...	8070.00	4.9	8.9	100.0	...
New Caledonia	91.0	6000.00	...	...	76.0	72.0
New Zealand	99.0	15900.00	4.9	7.4e/	90.0	87.6(R)
Niue	99.0	3100.00	...	8.1	100.0	98.0
Palau, Rep. of	78.0	4588.00b/	8.0	...	100.0	67.0
Papua New Guinea	45.1	1160.00	3.3	8.0	31.0	25.0
Philippines	94.3	1089.00	3.0	2.3	86.0	72.0
Samoa	98.2	890.00a/	6.0	14.0	68.0	98.0
Singapore	92.2	24718.00	8.9	3.2e/	100.0	100.0
Solomon Is.	22.0	810.00	2.7	11.6	62.0(R)	9.0(R)
Tokelau	100.0	3550.00	...	3.0	94.0	64.0
Tonga	95.9	1590.00	5.7	11.9	95.0	85.0
Tuvalu	99.5	1640.00	...	9.4	100.0	83.1
Vanuatu	33.0	1150.00	...	11.0	50.0(R)	53.0(R)
Viet Nam	86.0	305.00	7.4c/	3.1	47.4	16.3
Wallis & Futuna	...	1400.00	...	...	...	...

(R) = Rural population; U = Urban population

a/ Per capita GDP

b/ Estimate

c/ Rate of growth of per capita GDP

d/ Mean per capita income (wages only)

e/ As % of GDP

f/ % public expenditure on health

Country or Area	HEALTH STATUS AND COVERAGE INDICATORS									
	Infant mortality rate (Per 1 000 live births)		Under 5 mortality rate (Per 1 000 live births)		Maternal mortality ratio (Per 100 000 live births)	% birthweights at least 2 500 grams	Total fertility rate (per woman aged 15-49 years)	% of pregnant women attended by trained personnel during pregnancy	% of deliveries attended by trained personnel	% of women in reproductive age group using modern contraceptive methods
	1955	1995	1955	1995	1995	1990-95	1995	1990-95	1990-95	1990-95
American Samoa	...	130.0	...	...	50.0	96.5	4.50	...	...	...
Australia	24.0	7.0	34.18	7.97	9.4	93.7	1.80	100.0	99.0	>90.0
Brunei	68.0	8.0	92.71	13.82	0.0	89.6	3.10	100.0	99.0	...
Cambodia	165.0	116.0	252.10	141.74	473.0	88.0	2.80	39.0	15.0	...
China, PR of	195.0	36.0	240.35	44.39	61.9	94.0	2.20	78.6	89.3	...
Cook Is.	...	4.0	...	...	0.0	99.0	3.47	100.0	99.0	52.8
Fiji	88.0	23.0	114.48	24.21	31.5	82.0	2.80	...	...	30.7*
French Polynesia	132.0	17.0	...	...	0.0	94.7	3.00	...	...	...
Guam	47.0	9.0	...	...	0.0	92.9	3.60	...	...	...
Hong Kong	79.0	4.4	...	...	7.3	95.3	1.15	100.0	100.0	...
Japan	51.0	4.0	53.39	6.10	6.9	92.9	1.42	...	99.97	...
Kiribati	...	65.0	...	...	225.0	97.0	3.80	...	78.5	...
Korea, Rep. of	70.0	11.0	210.68	13.41	13.0	96.7	1.74	99.2	98.8	77.4
Lao PDR	180.0	97.0	265.22	148.42	656.0	40.0	6.80	8.0	...	16.4
Macao	...	4.8	...	6.8	0.0	95.9	4.59	78.3	100.00	9.4
Malaysia	99.0	13.0	169.90	23.08	20.0	90.5	3.30	95.5	95.2	...
Mariana Is.	...	9.0	...	...	0.0	92.7	2.01	99.0	99.0	91.0
Marshall Is.	...	63.0	...	...	0.0	85.6	5.70	84.0*	...	37.0*
Micronesia	...	20.0	...	...	226.0	69.0	4.60	...	...	...
Mongolia	121.0	60.0	208.49	68.95	185.0	93.6	2.50	97.4	97.4	38.0
Nauru	...	14.5	...	...	0.0	...	4.9	...	...	...
New Caledonia	93.0	11.0	...	...	16.0	91.4	2.57	...	...	...
New Zealand	26.0	9.0	30.43	10.38	11.0	94.3	2.04	100.0	100.0	...
Niue	...	12.0	...	...	0.0	96.5	3.50	100.0	100.0	39.1
Palau, Rep. of	...	19.7	...	...	...	90.4	3.00	96.2	100.0	13.4
Papua New Guinea	190.0	68.0	218.77	84.35	930.0	74.0	4.70	72.0	34.0	5.0
Philippines	100.0	44.0	188.41	47.57	179.7	81.7	3.50	85.0	85.3	82.0
Samoa	158.0	21.0	236.32	73.66	70.0	96.0	4.80	87.5	77.5	31.0
Singapore	66.0	6.0	90.25	9.65	4.1	92.5	1.71	100.0	99.8	65.0
Solomon Is.	156.0	27.0	193.74	29.60	549.0	80.0	5.30	79.0	79.0	...
Tokelau	...	30.0	...	...	330.0	75.7*	4.83	100.0	100.0	...
Tonga	...	26.0	...	...	200.0	98.7	3.50	100.0	99.0	30.0
Tuvalu	...	49.0	...	...	0.0	97.0	3.10	95.0	95.0	40.5
Vanuatu	169.0	47.0	229.82	50.99	68.0	92.6	5.10	...	89.1	...
Viet Nam	180.0	42.0	275.46	58.92	120.0	90.5	2.78	75.0	88.0	68.3
Wallis & Futuna	...	13.0	...	...	0.0	97.0	4.60	...	...	...
Western Pacific Region	...	39.0	223.00	45.00						

* A Situation Analysis of Children & Women 1996 in Fiji, Marshall Islands and Tokelau, with the assistance of UNICEF

Country or Area	IMMUNIZATION COVERAGE (%)										
	% of infants immunized by 12 months of age										% of pregnant women immunized against tetanus (TT2)
	BCG		DPT 3		OPV3		Measles		Hepatitis B3		
	1976-81	1995	1976-81	1995	1976-81	1995	1976-81	1995	1989-92	1995		1995
American Samoa	...	...	42.0	73.0	42.0	72.0	86.0	59.0	47.0	56.0	...
Australia	...	...	33.0	a/	17.0	86.3	68.0b/	85.5	...	...	...
Brunei	99.0	99.0	89.0	96.0	89.0	96.0	73.0	97.0	96.0	98.0	51.0
Cambodia	...	95.0	45.0d/	79.0	48.0d/	80.0	52.0d/	75.0	...	...	36.0
China, PR of	...	99.7	58.0c/	98.7	80.0b/	99.0	78.0b/	99.0	...	51.0	74.0
Cook Is.	29.0	92.0	40.0	89.0	39.0	89.0	68.0b/	87.0	71.0	82.0	71.0
Fiji	100.0	98.0	37.0	86.0	36.0	86.0	19.0	84.0	88.0f/	82.0	100.0
French Polynesia	59.0	97.0	31.0	92.0	31.0	92.0	32.0c/	91.0	66.0	56.0	...
Guam	...	...	11.0	20.0g/	50.0b/	26.0g/	97.0c/	100.0	83.0	29.0	...
Hong Kong	98.0	99.0	77.0	83.0	94.0	84.0	74.0	72.0	82.0	98.0	...
Japan	85.0	93.0	18.0	93.0	95.0b/	94.0	69.0	69.0	...	...	...
Kiribati	34.0	60.0	23.0	60.0	9.0	100.0	24.0b/	100.0	73.0	75.0	41.5
Korea, Rep. of	42.0	87.7	70.0	86.7	89.0	86.2	4.0	83.2	...	...	...
Lao PDR	4.0	61.0	5.0c/	58.0	24.0c/	68.0	6.0c/	73.0	...	...	31.0
Macao	73.0b/	92.9	17.0b/	85.5	14.0b/	85.3	41.0b/	81.7	28.0	85.1	50.0
Malaysia	94.0	100.0	53.0	93.7	61.0	93.5	11.0b/	85.5	88.0	90.7	87.3
Mariana Is.	...	...	51.0d/	93.0	...	93.4	...	84.0	10.0	94.0	...
Marshall Is.	49.0d/	96.0	92.0d/	67.0	37.0d/	62.0	31.0d/	59.0	24.0	46.0	15.0
Micronesia	12.0d/	50.0	95.0d/	78.0	71.0d/	77.0	69.0d/	80.0	47.0	82.0	...
Mongolia	...	94.4	...	88.2	...	86.0	...	85.0	...	89.0	...
Nauru	81.0c/	78.0	67.0c/	56.0	52.0c/	56.0	...	...	79.0	57.0	...
New Caledonia	...	98.0	76.0c/	87.5	76.0c/	76.0	8.0c/	91.0	...	93.0	...
New Zealand	...	...	76.0	83.0	84.0c/	87.0g/	80.0	82.0	...	81.0	...
Niue	85.0	92.0	7.0	100.0	76.0	100.0	43.0	34.0	100.0	90.0	100.0
Palau, Rep. of	...	100.0	78.0d/	100.0	98.0d/	100.0	98.0c/	100.0	89.0	100.0	...
Papua New Guinea	59.0	88.0	28.0	61.0	29.0	67.0	26.0c/	42.0	20.0	22.0	63.0
Philippines	33.0	89.4	16.0	85.8	50.0	87.7	9.0b/	86.6	...	69.3	69.3
Samoa	72.0	99.0	29.0	95.0	29.0	95.0	59.0b/	96.0	...	98.0	98.0
Singapore	89.0	97.3	85.0	95.6	78.0	92.3	26.0	90.3	74.0	91.0	...
Solomon Is.	65.0	77.0	23.0	69.0	19.0	68.0	31.0c/	68.0	53.0f/	65.0	71.0
Tokelau	30.0	99.0	19.0	99.0	43.0c/	99.0	96.0c/	99.0	14.0	50.0	100.0
Tonga	99.0	99.0	40.0	94.8	20.0	93.9	44.0b/	91.0	94.0	41.0	88.0g/
Tuvalu	99.0	88.4	36.0	87.1	23.0	85.1	65.0c/	93.8	...	49.0	49.0
Vanuatu	32.0	86.0	22.0b/	74.0	17.0b/	74.0	20.0b/	53.0	46.0	69.0g/	47.0
Viet Nam	48.0c/	95.4	42.0c/	94.4	62.0c/	94.5	19.0c/	96.0	...	...	82.0
Wallis & Futuna	99.0	100.0	60.0	98.0	60.0	94.0	93.0e/	95.0	...	96.0	...

a/ Diphtheria-tetanus: 88.5; Pertussis: 86.2

b/ 1982

c/ 1984

d/ 1989/90

e/ 1992

f/ 1993

g/ 1994

Country or Area	MORBIDITY OF SELECTED DISEASES - 1996						
	Number of Cases						
	Cholera	Malaria	Tuberculosis	Poliomyelitis	Measles	Diphtheria	Tetanus
American Samoa			0		0		
Australia	5*	625*	1073*	0*	1324*	0*	7*
Brunei	3*	46*	185*	22*	75*	3*	6*
Cambodia	764	86635	12065	181	2794		
China, PR of	3646	32654	202298	52	74682	34	3499
Cook Is.	0*	0*	0*	0*	2*	0*	0*
Fiji		10*	201*	1*	414*		
French Polynesia							
Guam	1		107				
Hong Kong	4	97	6501	0	110	0	16
Japan	306*	66*	42958*	1*	931*	1*	45*
Kiribati		1	251		13		27
Korea, Rep. of	68*	107*	35025*	0*	71*	0*	0*
Lao PDR	568	80703	2905	13	675	177	45
Macao	0	0	570	0	1	0	2
Malaysia	1486	51921	12691	0	460	0	9
Mariana Is.	19	0	0	0	0	0	0
Marshall Is.		0	42	0	0	0	0
Micronesia	0		171*				
Mongolia	0*		2495	0*	555*	128*	6*
Nauru							
New Caledonia			94	0	2	0	0
New Zealand	0	107	356	0	54	0	3
Niue	0		0	0	0	0	0
Palau, Rep. of	0	0	5	0	0	0	1
Papua New Guinea	0	71013	8041*	2^	6821^	0	182^
Philippines	831*	40545	235496*	0*	4051*	174*	1488*
Samoa	0*	0*	45*	0*	2*	0*	0*
Singapore	19	364	2552	0	308	1	
Solomon Is.	0	84795	351*	0*	0*	0*	22*
Tokelau							
Tonga	0		22	0	22	0	0
Tuvalu	0	0	15	0	51	0	0
Vanuatu	0	5654	160*				
Viet Nam	5(+)	116731(+)	70349	13	5156	143	142
Wallis & Futuna							

* 1995
 (+) 1997 - Viet Nam
 ^ 1994 - Papua New Guinea
 Blank or ... No information available

MORBIDITY OF SELECTED DISEASES - 1996 (Continued)

Country or Area	Number of Cases						
	Neonatal Tetanus	AIDS	Dengue/dengue haemorrhagic fever	Viral hepatitis	Sexually transmitted diseases	Diarrhoea	Acute respiratory infections
American Samoa		0	49	12	29*		
Australia		573	34*	11647*	1854*	1069*	
Brunei	29*	2	8*	62*	196*		
Cambodia	56	300	1433			495712	777572
China, PR of	3657	38	43401	707590	134492	868205	
Cook Is.	0*		786*	106*	0*	658*	5566*
Fiji		0	33*	92*	2133*	6697*	
French Polynesia		0					
Guam		10		13	66		248
Hong Kong		70	5	477		2137	
Japan	0*	294			2229*	1043^	
Kiribati		0		180	58	8842	
Korea, Rep. of	0*	22	89*				
Lao PDR		16	8179	1368	29	23973	
Macao	0*	1	1	133	1	0	
Malaysia	23	300	14255	1581	2496	261587	21756
Mariana Is.		1	1	0	64	198	
Marshall Is.	0	0		88	35		
Micronesia		0					
Mongolia	0*	0*		10966*	734*	37(+)	42018(+)
Nauru		0					
New Caledonia	0	2					
New Zealand	0	56	23	577	383*	1728*	8605*
Niue			0	0	0	98	416
Palau, Rep. of	0	0	1	3	3	1009	1960
Papua New Guinea	159^	69	556^	18^	110^	89055^	213107^
Philippines	344*	51	5166*	14966 (++)	6649*	8376*	70*
Samoa	0*	2	278*	4*	0*	39*	258*
Singapore		92	3128	302			
Solomon Is.	3*	0	0*				
Tokelau							
Tonga		1	3	1	86	2278	1503
Tuvalu	0		0	2	0	1316	1816
Vanuatu			6*	21*	9*	512*	1348*
Viet Nam	257	375	86326(+)	20049	8356	533798(+)	136302(+)
Wallis & Futuna		0					

* 1995
 (+) 1997 - Viet Nam (9 months data only); Mongolia
 ^ 1994 - Papua New Guinea; Japan
 (++) 1993 - Philippines
 Blank or ... No information available

HEALTH MANPOWER AND INFRASTRUCTURE

Country or Area	Doctors	Nurses	Midwives	Number of hospitals	Number of health centres
	1990-95	1990-95	1990-95	1990-95	1990-95
American Samoa	16	146	...	1	...
Australia	50800	163100	8300	2597	...
Brunei	281	1296	452	6	3
Cambodia	1572	4208	3398	79	923
China, PR of	1475232	1162609	48997	64339f/	932869g/
Cook Is.	17	84	...	1	15
Fiji	295	1661a/	...	26	...
French Polynesia	384	669a/	...	...	...
Guam	147	594a/	...	...	...
Hong Kong	8122	35051a/	...	52	164
Japan	230519	891021	23048	9606	...
Kiribati	12	165a/	...	...	...
Korea, Rep. of	65902b/	120415	8352	29773	3604
Lao PDR	2812c/	4934	...	159	5217
Macao	712	802a/	...	2	9
Malaysia	9608	13647	5495	314	772
Mariana Is.	41	73	11	3	...
Marshall Is.	20	134a/	...	2	...
Micronesia	46	329a/	...	...	...
Mongolia	5846	8625a/	...	390	1381
Nauru	16	60	...	...	...
New Caledonia	334	...	...	...	...
New Zealand	7530	36396d/	1681	330	...
Niue	4	18	...	1	...
Palau, Rep. of	29	48	2	1	9
Papua New Guinea	259	3189	285	19	3022
Philippines	82494	259629	102875	392	236
Samoa	57	257	60	5	29
Singapore	4495	12298	499	24	...
Solomon Is.	55	454a/	...	8	14
Tokelau	3	11	3	1	...
Tonga	41	293	29	4	47
Tuvalu	3	26e/	7	1	8
Vanuatu	20	428a/	...	5	20
Viet Nam	33470	43422	12562	2642	9546
Wallis & Futuna	13	...	...	1	3

a/ Including midwives

b/ Including 8714 Oriental medical doctors

c/ Includes 1697 assistant doctors

d/ Registered nurses (29971) and assistant nurses (6425)

e/ Includes 10 assistant nurses

f/ 1996

g/ Includes 51723 health centres, 103472 clinics and 777674 village health units

DEFINITIONS

- ♦ **Population:** all the inhabitants of a given country or area considered together
- ♦ **Average annual growth rate of population:** a measure of population growth (in the absence of migration) comprising addition of newborns to the population and subtraction of deaths. The result, known as *natural rate of increase*, is calculated as live births minus deaths during the year divided by the midyear population times 1 000.
- ♦ **Crude birth rate:** number of live births occurring per 1 000 population in a year.
- ♦ **Crude death rate:** number of deaths occurring per 1 000 population in a year.
- ♦ **Life expectancy at birth:** the average number of years of life expected to be lived by a synthetic cohort of persons assuming that the prevailing age-specific death rates remain unchanged.
- ♦ **Percentage of urban population:** population in urban areas as per cent of total population.
- ♦ **Dependency ratio:** shows the average number of theoretically dependent persons (children under 15 years and persons older than 64 years) per 100 theoretically productive persons (between 15 and 64 years of age).
- ♦ **Literacy rate:** the percentage of persons (male or female, or both sexes) aged 15 years and over who can, with understanding, both read and write a short simple statement on their everyday life. If the national definition of literacy is different, it should be stated. Normally obtained through population census or special survey.
- ♦ **Per capita Gross National Product (GNP):** the per capita gross national product is obtained by dividing the total gross national product by the total population. The gross national product comprises (a) the gross domestic product (GDP), which measures the total output of goods and services for final use produced by residents and nonresidents, regardless of the allocation to domestic and foreign claims plus (b) net factor income from abroad, which is the income residents receive from abroad for factor services (labour and capital) less similar payments made to nonresidents who contributed to the domestic economy.
- ♦ **Rate of growth of per capita GNP:** the average annual percentage change in a country's GNP per capita.
- ♦ **Health expenditure as % of national budget:** the share of national budget devoted to health expenditure. Health expenditure covers expenditure on hospitals, maternity and dental centres, clinics with a major medical component; on national health and medical insurance schemes; and on family planning and preventive care.
- ♦ **Percentage of the population with access to safe water supply:** percentage of population with access to an adequate amount of safe drinking water in a dwelling or located within a convenient distance from the user's dwelling.
- ♦ **Percentage of the population with access to excreta disposal facilities:** percentage of the population with access to a sanitary facility for human excreta disposal in the dwelling or immediate vicinity.
- ♦ **Infant mortality rate:** number of deaths under one year of age (between 0-364 days after birth) per year per 1 000 live births.
- ♦ **Under 5 mortality rate:** number of deaths in children under 5 years of age, expressed per 1 000 live births.
- ♦ **Maternal mortality ratio:** the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management, but not from accidental or incidental causes per 100 000 live births.
- ♦ **Total fertility rate:** the sum of the age-specific fertility rates over the whole range of reproductive ages (15-49 years) multiplied by the interval into which the ages are grouped for a particular period (usually a year). It can be interpreted as the number of children a woman would have during her lifetime if she were to experience the fertility rates of the period at each age.
- ♦ **Percentage of newborns weighing at least 2 500 g at birth:** percentage of children whose birth weight is equal or greater than 2 500g, the measurement being taken preferably within the first hours of life, before significant postnatal weight loss has occurred.
- ♦ **Percentage of pregnant women attended by trained personnel:** refers to the percentage of pregnant women who have had at least one consultation during pregnancy with a trained health worker. Since the number of pregnant women is generally not available, the number of livebirths is used as the denominator.
- ♦ **Percentage of deliveries attended by trained personnel:** refers to the percentage of deliveries attended by a trained health worker.
- ♦ **Percentage of women in reproductive age group using modern contraceptive methods:** refers to percentage of women (15-49 years) who are practising, or whose male partners are practising, any form of contraception.
- ♦ **Percentage of infants fully immunized with BCG, DPT3, OPV3, measles, hepatitis B:** this includes the immunization of infants against diphtheria, pertussis, tetanus (DPT3), measles, poliomyelitis (OPV3), tuberculosis (BCG) and hepatitis B before their first birthday.
- ♦ **Percentage of women immunized with tetanus toxoid (TT2) during pregnancy:** A pregnant woman is considered adequately immunized against tetanus when she has received at least two doses of tetanus toxoid during pregnancy. Since the number of pregnant women is generally not available, the number of live births or estimated newborns is used as the denominator.
- ♦ **Doctors:** are defined as all graduates of any faculty or school of medicine in any medical field (practice, teaching, administration, research, laboratory, etc.).
- ♦ **Nurses:** all persons who have completed a programme of basic nursing education and are qualified and registered or authorized by a country to provide responsible and competent service for the promotion of health, prevention of illness, the care of the sick, and rehabilitation, and are actually working in the country.
- ♦ **Midwives:** all persons who have completed a programme of midwifery education, and have acquired the requisite qualifications to be registered and/or legally licensed to practise midwifery, and are actually working in the country. The person may or may not have prior nursing education.
- ♦ **Hospitals:** an integral part of a social and medical organization, the function of which is to provide for the population complete health care, both curative and preventive, and whose out-patient services reach out to the family in its home environment; sometimes it is also a centre for the training of health workers and for bio-social research.
- ♦ **Health centres:** a centre that carries out promotive, protective, preventive, diagnostic, curative and rehabilitative activities for ambulant people, but has no beds other than perhaps a few needed for emergencies and maternity care.

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